

CITY OF EL CENTRO SERVICE AREA PLAN

Prepared for:

City of El Centro
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1.0 EXECUTIVE SUMMARY

1.1 INTRODUCTION

The City of El Centro (City) is home to nearly 38,000 residents and serves as the center of commercial, administrative, recreational, and cultural activities for much of the surrounding Imperial Valley region. Undeveloped land within the City's boundaries and the City's sphere of influence (SOI) boundaries is currently being developed for residential, commercial, public, and industrial uses. The City of El Centro General Plan (General Plan) guides the City's growth.

This Service Area Plan (SAP) outlines the City's existing public services and facilities, estimates the current and future anticipated demand for such facilities and services, and describes how necessary facilities and services will or may be developed and extended to meet demands. The SAP is intended to demonstrate the City's intent and ability to provide adequate services to the SOI boundaries at the time of annexation. An approximately 20-year planning horizon is used to forecast growth, and the estimated demands and provision to meet demands are based on population projections in five-year increments until 2025.

The following is a brief summary of the existing resources, demands, financing mechanisms, and mitigation measures related to the nine public services and facilities areas examined in this SAP. It should be noted that the following discussion is substantially abbreviated from that contained in the rest of the document and is not meant to replace the comprehensive discussion provided in Sections 2-5 of this SAP.

1.2 PUBLIC SERVICES & FACILITIES

Administrative Facilities

The City's administrative facilities are comprised of approximately 24,300 square feet of building area in a centralized location on Main Street. Increased development within the City boundaries and the SOI will present an increased demand on the City's administrative facilities, programs, and personnel. As growth continues, the City will be presented with the need to hire additional administrative personnel and expand City services, which will necessitate the need to expand administrative facilities. The City has recently purchased additional building area and expanded and remodeled their facilities to accommodate for anticipated near-term growth.

Funding

- General Fund
- User Fees
- Development Impact Fees

Mitigation

- Adopt a performance standard for City administrative facilities.
- Continue to periodically review the administrative facilities and personnel of the City through the preparation of annual reports.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the DPR user fee structure.

Drainage Facilities

The City owns, operates, and maintains a system of drains that conveys storm water and urban runoff. The system is managed by the wastewater division of the Department of Public Works, and the City does not maintain a separate budget for drainage maintenance or improvements. At the time of publication of this SAP, a drainage system master plan had been proposed to review the adequacy of the existing drainage system's operation and identify necessary future improvements as the City continues to grow.

Funding

- Facilities funded and installed by developers
- Wastewater Capacity Fee Fund
- Wastewater Enterprise Fund

Mitigation

- Prepare a Storm Water System Master Plan.
- Continue to require new roadways within the City boundaries and the City SOI boundaries to meet City requirements for provision of gutter features and slopes to properly convey storm flow.
- Continue to require that new development projects address potential drainage issues and provide adequate facilities to convey storm flow.

Fire Facilities

The El Centro Fire Department (ECFD) provides fire protection, fire prevention, fire response, and emergency response services within City limits and, through a mutual aid agreement with the Imperial County Fire Department, portions of the unincorporated area within the City SOI boundaries. The ECFD has two fire stations; one located in the center of the City and the other located near the City's eastern boundary. In all, the ECFD has 33 uniformed personnel, four non-uniformed personnel, and various vehicles and pieces of equipment.

Increased development within the City boundaries and City SOI boundaries will continue to place strain on the services, personnel, and equipment of the ECFD. As calls become more numerous with the increased density of the City and as land is annexed into the ECFD service area, the ECFD will experience an increase in emergency and non-emergency response times. Additional annexation of land to the City would increase the service area of the ECFD. This would increase the response time for emergency and non-emergency calls, further compromising the services of the ECFD. As development occurs, the City plans to develop a third and fourth ECFD fire station to house fire and emergency response personnel, equipment, and vehicles.

The May 2004 Capital Improvement Project (CIP) Report prepared by the City lists several projects slated for improvements to the ECFD facilities. Further discussion of the CIP Report is provided below in Section 5.3.

Funding

- General Fund
- User Fees
- Development Impact Fees

Mitigation

- Implement ECFD improvement projects included in the City's May 2004 CIP Report.
- Adopt an official staffing standard relative to City population.
- Establish a performance standard or performance goal for vehicles.
- Continue the periodic review of number of calls and response times to determine the adequacy of existing service and any need for improvement or additional resources.
- Pursue additional finances to fund additional personnel, equipment, and vehicles of the ECFD.
- When necessary, purchase land and construct Fire Station No. 3 and Fire Station No. 4.
- Review existing development impact fees for ECFD services, identify necessary improvement to the current fee structure, and implement revised fee structure.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the ECFD user fee structure.

Law Enforcement Facilities

The El Centro Police Department (ECPD) is the primary law enforcement agency that serves the citizens of the City and land within City boundaries. There is one main ECPD station, one ECPD substation, and one ECPD administration center. The ECPD currently has 45 sworn officers on staff and owns and operates various vehicles and pieces of equipment.

Due to lack of funding, the number of sworn and non-sworn officers has dropped in recent years, and the ECPD is currently operating below its staffing standard. Insufficient staffing has caused the ECPD to shut down one of its substations and to cease operation of its motorcycle traffic enforcement unit. The ECPD will require additional staff and vehicles to provide adequate services to the City as the population grows.

There are no existing plans for major improvement or expansion of the existing ECPD facilities. While the existing station and substation accommodate the existing staffing level of the department, additional staffing to meet future demands of increased population would likely require the expansion of the existing station and perhaps the operation of an additional substations.

The May 2004 CIP Report prepared by the City lists several projects slated for improvements to the ECPD facilities.

Funding

- General Fund
- User Fees
- Development Impact Fees

Mitigation

- Continue the periodic review of number of calls and response times to determine the adequacy of existing service and any need for improvement or additional resources.
- Continue the periodic review of personnel, vehicles and equipment, and facilities to determine the adequacy of existing service and any need for additional resources.
- Establish a performance standard or performance goal for response times.
- Pursue additional finances to fund additional personnel, equipment, and vehicles of the ECPD.
- Pursue additional finances to fund as needed repairs for the 11th Street station.

- Obtain additional sworn personnel, non-sworn personnel, and vehicles to meet the existing and future deficit of officers identified according to the performance standard.
- Continue to promote the volunteer officer program to aid in meeting staffing needs.
- When the ECPD is able to acquire additional personnel, the traffic enforcement unit will be instated.
- Locate land in the northern portion of the City SOI for an additional station or substation to accommodate anticipated development. Adequate staffing must be available in order to open such a station.
- Locate land in the southern portion of the City SOI for an additional station or substation to accommodate anticipated development. Adequate staffing must be available in order to open such a station.
- Review existing development impact fees for ECPD services, identify necessary improvement to the current fee structure, and implement revised fee structure.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the ECPD user fee structure.

Library Facilities

The El Centro Public Library system includes the Main Branch, located on State Street and 6th Street, and the Community Center Branch, located on South 1st Street. Both of the branches are centrally located to provide easy access to the maximum number of City residents. The library system owns a total of approximately 113,000 books, magazines, and audio/visual materials; and operates 23 public access computers for internet access or general word processing uses. In all, the library employs six staff members and a number of volunteers.

Increased development within the City boundaries and the SOI will present an increased demand on the personnel, services, and facilities of the public library. As growth continues, the City will be presented with the need for expansion of existing branches or acquisition of new land for new branches. Expansion of the resident population will also present the need for additional books, computers, and reader seats.

The May 2004 CIP Report prepared by the City lists several projects slated for improvements to the library facilities.

Funding

- General Fund
- State Public Library Fund
- California Library Services Act Transaction Based Reimbursement program
- Development Impact Fees
- User Fees
- Donations
- Grants

Mitigation

- Continue to periodically review the facilities and personnel of the El Centro Public Library system through the preparation of annual reports.
- Establish library performance standards with which to analyze the adequacy of existing and future resources and to determine the need for additional resources and staffing.
- Continue to utilize General Fund revenue as the primary source of financing for the El Centro Public Library System. Review the allocation of General Fund finances in light of

State recommendation that local libraries receive five percent of local general fund resources.

- Continue to apply for all possible library funding opportunities from the State.
- Re-apply for certification in the State PLF program.
- Review existing development impact fees for library services, identify necessary improvement to the current fee structure, and implement revised fee structure.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the library user fee structure.
- Continue to accept donations of money and supplies as a means of augmenting library services while conserving allocated finances.
- Implement library improvement projects included in the City's May 2004 CIP Report.

Park and Recreation Facilities

The City operates the Department of Parks and Recreation (DPR). Park facilities within the City are often provided by developers. The acreage of land required for dedication is determined by the density of residential development dictated by the residential zoning designation applied to the site. DPR also sponsors many youth and adult recreational programs at the City's park facilities.

According to its parkland performance standard, the City is currently operating with a deficit of parkland. Development will continue to require the construction of parks throughout the City as growth continues. As the City grows and parks continue to be constructed, DPR will have to make additions to their staff to assure adequate maintenance and service to the City. The May 2004 CIP Report prepared by the City lists several projects slated for improvements to DPR facilities.

Funding

- Developer contribution of parkland and construction of parks
- General Fund
- Grants

Mitigation

- Continue to require the provision of parkland or the payment of a park development fee, in accordance with Section 24, Article V of the City of El Centro Code of Ordinances.
- Implement parks and recreation improvement projects included in the City's May 2004 CIP Report.
- Continue to periodically review the performance of DPR through the preparation of annual reports.
- Review existing development impact fees for DPR services, identify necessary improvement to the current fee structure, and implement revised fee structure.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the DPR user fee structure.

Circulation System

The City is responsible for the development and maintenance of a system of public roadways and bicycle routes within their jurisdiction. The General Plan includes a Circulation Element that discloses the City's goals, policies, and performance criteria with respect to the circulation system, that presents the minimum design standards for City streets, and that provides a Circulation Plan showing projected development of the system as growth occurs within the City.

The existing circulation system is generally adequate to accommodate the current needs of the City in that paved roadways properly link existing residential, commercial, and industrial development. The City has identified several specific roadway improvement projects necessary in the future, including extensions of existing roadways and maintenance to existing streets. In addition to these improvement projects under consideration, extension of other roadways and creation of additional roadways will likely be needed as development continues to occur within the City limits and the SOI boundaries. The City has also begun the process of updating the General Plan Circulation Element to more accurately reflect major residential and commercial projects planned within the City limits and the SOI boundaries and the roadway improvements that will be required to accommodate such growth.

The May 2004 CIP Report prepared by the City lists several projects slated for improvements to circulation system facilities.

Funding

- Development Impact Fees
- Local Transportation Authority
- State Transportation Improvement Program
- Hazard Elimination Safety program
- Transportation Development Act – Article 3

Mitigation

- Implement circulation system improvement projects included in the City's May 2004 CIP Report.
- Continue to periodically review the list of approved roadway capital improvement projects slated for implementation by the City to determine project status, need for revision of the program schedule, and budgetary needs.
- Review the existing development impact fees schedule for circulation and roadway projects, identify necessary improvement to the current fee structure, and implement revised fee structure.

Wastewater Facilities

The City owns, operates, and maintains a system of wastewater collection pipelines, pump stations, and treatment facilities that serves approximately 8,000 residences, businesses, and public facilities within the City and the City SOI. Facilities within this system are developed and maintained by the Department of Engineering and the Department of Public Works. Treated wastewater is carried east from the City and discharges into the New River.

The City's wastewater treatment plant currently operates at an average of four million gallons per day. The designed treatment capacity of the facility is eight million gallons per day. The existing wastewater service facilities are adequate to serve existing demands within the service area. The City's wastewater system currently provides adequate service and demand does not exceed capacity.

Growth within the City will require repairs and improvements to the wastewater facilities throughout the City, including extension of existing lines, construction of new loop lines, and construction or relocation of lift stations. Nolte Associates, Inc. prepared a Water and Wastewater Master Plan for the City in March 2004, which estimated and outlined specific improvements necessary to accommodate growth in the City and City SOI.

Funding

- Wastewater Capacity Fee Fund
- Wastewater Enterprise Fund

Mitigation

- Implement improvement projects recommended in the Water and Wastewater Master Plan Amendment as funds become available and as deemed necessary by the Director of the Department of Public Works.
- Implement wastewater system improvement projects included in the City's May 2004 CIP Report
- Continue to periodically review the wastewater rate and financing structure to assure adequate funding for the implementation of new projects and the maintenance of existing facilities.

Water Facilities

The City owns, operates, and maintains a system for the treatment, storage, and distribution of potable water resources that serves approximately 8,000 residences, businesses, and public facilities within the City and the City SOI. The City purchases all of its untreated water from the Imperial Irrigation District, which is conveyed to City facilities from the Colorado River via the district's canal system. City facilities are developed and maintained by the Department of Engineering and the Department of Public Works.

Data from 2004 shows the City's water system operating with an average demand of approximately 7.8 million gallons per day and a maximum demand of approximately 12.5 million gallons per day. The existing storage and conveyance capacity is sufficient for existing daily water demand and peak flow requirements. The system also has adequate capacity to accommodate anticipated development in the near future. Further development within the City and the SOI will require expansion of the system to adequately serve new development or increased density within existing development. The water system was constructed in the 1950s and will continue to require periodic improvements in addition to the expansion necessary to accommodate new growth. Nolte Associates, Inc. prepared a Water and Wastewater Master Plan for the City in March 2004, which estimated and outlined specific improvements necessary to accommodate growth in the City and City SOI.

Funding

- Water Capacity Fee Fund
- Water Enterprise Fund

Mitigation

- Implement improvement projects recommended in the Water and Wastewater Master Plan Amendment, as funds become available and as deemed necessary by the Director of the Department of Public Works.
- Implement water system improvement projects included in the City's May 2004 CIP Report.
- Continue to periodically review the water rate and financing structure to assure adequate funding for the implementation of new projects and the maintenance of existing facilities.
- Require that system improvements conducted by the City or a private developer shall be designed to conform to relevant Federal, State, and local regulations.

1.3 FINANCING SUMMARY

Existing Revenue Sources

- Sales Tax
- Property Tax
- Motor Vehicle In-Lieu Fee
- Development Impact Fees
- User Fees
- Gasoline Tax
- Local Bonds
- State Circulation/Roadway Funding Sources
- Community Development Block Grants

Future Revenue Sources

- Updated User Fees
- Updated Development Impact Fees
- State and Federal Funding

Existing Financing Mechanisms

- General Fund
- Capacity Fee Funds
- Enterprise Funds
- Developer/Builder Contributions

Future Financing Mechanisms

- Special Assessment Districts
- Community Facilities Districts

2.0 INTRODUCTION

2.1 **BACKGROUND ON THE CITY OF EL CENTRO**

The City of El Centro (City) is located in the south-central portion of the County of Imperial (County), State of California (State). The City is located along Interstate Route 8 (I-8) between San Diego, California and Yuma, Arizona, and is situated approximately 10 miles north of the United States-Mexico border. State Route 86 (SR-86) traverses the City in a north-south direction. Rail lines of the Southern Pacific Railroad traverse the city in a northwest-southeast direction.

The City is home to nearly 38,000 residents and serves as the center of commercial, administrative, recreational, and cultural activities for much of the surrounding Imperial Valley region. Land within City boundaries comprises approximately 12 square miles. The City's SOI contains land outside the existing boundaries of the City that is currently in the jurisdiction of the County but that is planned for incorporation into the City boundaries at some time in the future. The City and the City's SOI encompass approximately 25 square miles, or about 16,000 acres of land.

The existing General Plan provides a structure for development and planning within the City and the City's SOI. To guide planning within the area, the Land Use Element includes four major land use groupings: Residential, Commercial, Industrial, and Community Facilities. While the General Plan does not contain a specific agricultural land use designation, the City shares in the rich agricultural heritage of the surrounding region, and much of the land within the City's SOI is still used for various agricultural purposes. The maintenance of agricultural uses is allowed within the General Plan's Rural Residential land use designation. The General Plan does not foresee the permanent retention of large-scale agricultural operations within City limits, but the City generally maintains a policy of allowing continued agricultural activity on certain land as it is transitioned from agricultural uses to other urban uses.

The City provides many public facilities and services to residents and businesses within its boundaries. The General Plan Public Facilities Element outlines the existing systems and future plans for public provision of such facilities and services as parks, schools, libraries, fire protection, law enforcement, water and wastewater, and administrative facilities for City government. The General Plan Circulation Element discusses the system of public roadways maintained by the City and outlines future plans for the expansion and improvement of such system.

2.2 **PURPOSE OF THE SERVICE AREA PLAN**

This SAP has been prepared for the City in accordance with the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000, which requires that such a plan identifying the existing and projected demand for public facilities and services be prepared by all incorporated cities and special districts within the State. The 2000 legislation is specifically implemented by Imperial County Local Agency Formation Commission (LAFCO), whose policy states that an SAP must be implemented by a city within its jurisdiction in order for any formal annexation of land into that city's boundaries to take place.

2.3 **ORGANIZATION AND USE OF THE SERVICE AREA PLAN**

This SAP outlines the City's existing public services and facilities, estimates the current and future anticipated demand for such facilities and services, and describes how necessary

facilities and services will or may be developed and extended to meet demands. The SAP is intended to demonstrate the City's intent and ability to provide adequate services to the SOI boundaries at the time of annexation. An approximately 20-year planning horizon is used to forecast growth, and the estimated demands and provision to meet demands are based on population projections in five-year increments until 2025. The population projections used in this document were provided by the Southern California Association of Governments (SCAG). Projected population growth was placed into the structure and policies of the land use plan presented in the General Plan.

The document is organized into the following six chapters that satisfy the requirements set forth in the LAFCO guidelines.

Chapter 1.0 EXECUTIVE SUMMARY: provides a brief summary of the SAP, highlighting key information regarding demand and financing.

Chapter 2.0 INTRODUCTION: outlines the purpose and intent of the SAP and presents the layout of the SAP to help the reader use the document. This chapter also gives a background of the City and of the planning documents that enabled the preparation of the SAP.

Chapter 3.0 GROWTH PROJECTIONS: provides general information about projected population, current and future land use trends in the City and the City's SOI, and the implications of these trends for the development of City services and facilities.

Chapter 4.0 FACILITIES AND SERVICES: details the current and planned facilities and services, their current and projected adequacy, measures to ensure adequacy, and how such measures will be achieved and financed. An analysis of the following facilities and services are provided:

- Administration
- Drainage
- Fire
- Law Enforcement
- Library
- Parks and Recreation
- Circulation
- Wastewater
- Water

Analysis for each public service and facilities area in the SAP is based on the standards developed by LAFCO. Each subchapter of Chapter 4 contains the following four sections:

- **Performance Standard:** A description of any standards or goals that have been adopted by the City to the review of the adequacy of service within the existing and future timeframes.
- **Facility Planning and Adequacy Analysis:** An inventory of the existing facilities, the adequacy of the facilities when compared to existing demands, the anticipated demand for facilities pursuant to growth of the City, and the phasing of the demand for facilities.
- **Financing:** An explanation and identification of how services and facilities are currently being funded, including a per capita cost where available and applicable, and how future services and facilities may be funded.

- **Mitigation:** A series of recommendations to ensure that adequate facilities will be provided and that proper levels of service will be maintained.

Figures are often provided within the various sections of Chapter 4 that show City maps and the relationship of existing and planned facilities to anticipated growth within City boundaries and the SOI. Figures for each service and facilities area are presented at the end of each section.

Chapter 5.0 FINANCING: identifies all of the potential funding mechanisms for public services and facilities provision that are available to the City. This section presents potential funding sources and then identifies how each service or facility sector is currently funded and appropriate future funding opportunities, as well as cost saving opportunities.

Chapter 6.0 APPENDICES: provides the technical material used in the preparation of this SAP as appendices.

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3.0 GROWTH AND PHASING PROJECTIONS

3.1 EXISTING LAND USE

The City has an approximate population of 38,000 residents and is the regional center for the greater Imperial Valley region, which has an estimated population of approximately 154,000. As the regional center for the surrounding area and the county seat of the County, the City provides administrative services and many opportunities for shopping, dining, health care, recreational, and cultural activities. In addition to its residential, commercial, and administrative uses, the City includes various agricultural and industrial operations within its boundaries and its SOI boundaries.

The City's incorporated boundaries and SOI boundaries are shown in Figure 3-1. In all, the City's SOI consists of approximately 16,000 acres of land bound on the north by the Central Drain, the south by McCabe Road, the east by State Route 111, and the west by Austin Road. The City of Imperial is located directly north of the City's northern SOI boundary. The unincorporated township of Heber is located directly south of the City's southern SOI boundary. The City is currently considering plans to extend the western SOI boundary past Austin Road at some point in the future. The City is also considering the extension of the eastern boundary of the SOI past State Route 111.

Existing land use in the City is governed by the provisions of the City of El Centro Zoning Ordinance and is guided by the goals and policies presented in the General Plan. By implementing the language of the General Plan Land Use Element, the City dictates what type of land uses are allowed throughout specific areas within its boundaries. The General Plan Land Use Element lists the following land use designations: Rural Residential, Low Density Residential, Medium Density Residential, High Medium Density Residential, General Commercial (includes Neighborhood Commercial, Office Commercial, and Heavy Commercial), Tourist Commercial, Downtown Commercial, General Industrial (includes Light Manufacturing and General Manufacturing), Planned Industrial, Civic, and Public. Land use designations within the City and SOI boundaries are shown in Figure 3-1. In addition to the land use designations, the Land Use Element includes a Single Family Neighborhood Overlay that is placed on certain residential areas of the City.

Much of the land surrounding the City is involved in agricultural uses, as farming has historically been a principal component of the region's economy. The General Plan does not contain an exclusive agricultural land use designation, but agricultural uses are allowed within the Rural Residential designation. It is generally the City's policy to allow continuation of existing agricultural activity on land while planning for the development of this land for other uses.

3.2 PLANNED LAND USE

Planning and development within the City boundaries and the SOI boundaries is guided by the goals and policies of the General Plan Land Use Element. Through the implementation of this element and the application of the land use designations detailed above, the City is able to foresee where and to what extent growth would occur within its boundaries and the SOI boundaries. Generally speaking, the City's land use policy encourages infill development within the boundaries of existing developed areas instead of new development of agricultural lands or vacant lands in order to best utilize existing facilities and services. Additional development in the outlying areas is not, however, precluded by any City policy and development often occurs as such.

There are several areas outside of the City boundaries and within the jurisdiction of the County that are planned for future development and annexation into the City. It is assumed that all of the land within the City's SOI will one day be annexed into the City proper. Some of the areas planned for annexation have already been developed for residential, industrial, or public uses, but remain unincorporated land within the County jurisdiction. The existing levels of public service and facilities provided in the potential annexation areas are identified by their categorization into one of the three growth level tiers of the Urban Development Program (UDP), which is described below. The General Plan does not provide a specific schedule for the annexation of land to the City.

Urban Development Program

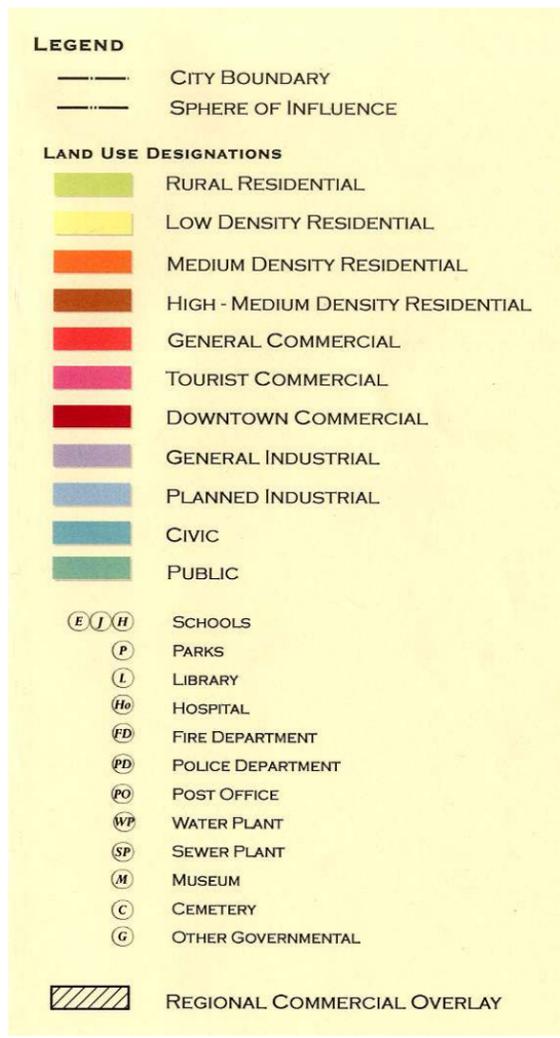
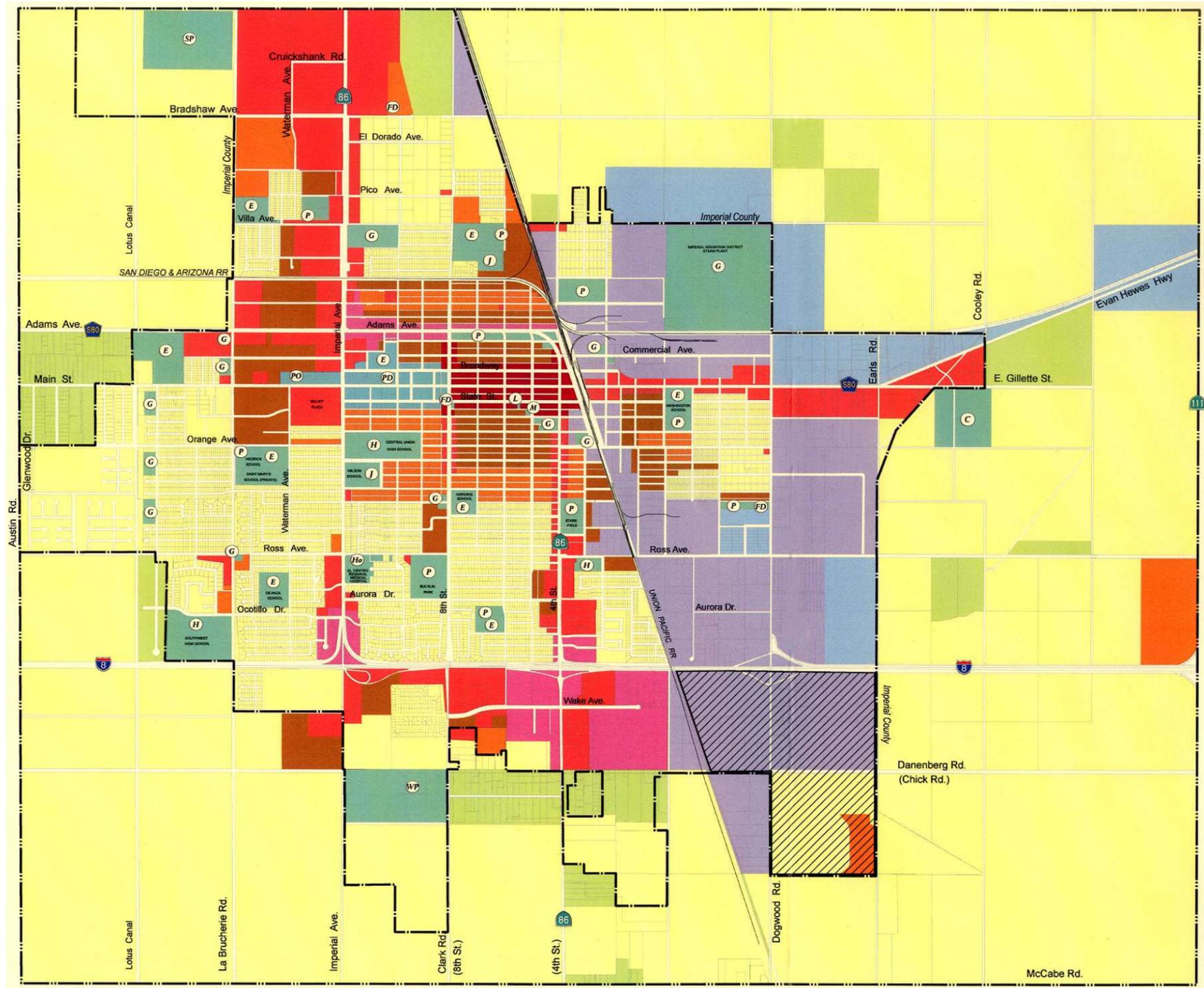
The Land Use Element presents the UDP, a land use plan that divides developing and developable areas of the City and the City SOI into separate tiers to identify where growth is most feasible or where special study would be required to determine the feasibility of growth. The UDP is designed to create a community that is compact, pedestrian- and transit-oriented, that avoids the premature removal of land from agricultural production, and that enables the City to meet the public service and infrastructure needs of the existing and future residents. The UDP facilitates residential, industrial, and business growth in those areas where public services are already available or would be easily provided.

To delineate availability of land for growth, identify the areas that will require more extensive planning, and ensure the provision of adequate public services and facilities, the UDP divides the City and the SOI into three tiers of growth areas, as described below. The three growth levels are not necessarily meant to provide a sequence of development, but to delineate areas where different levels of planning efforts would be necessary due to the greater or lesser extent of existing services and facilities.

The UDP includes a requirement that a Community Facilities Study be prepared for certain projects under review within the development areas. Community Facilities Studies, prepared at the expense of the project applicant, address existing conditions, anticipated needs, and financing plans for city sewer, water, drainage/flood control, and Circulation Element roadways affected by the prospective development. A Community Facilities Study is not required when: 1) an Environmental Impact Report or Mitigated Negative Declaration prepared for the project discusses the existing conditions and impacts to the relevant public services and utilities; 2) the project is a subdivision of five or fewer lots or a commercial or industrial development of five acres or less and the owner/subdivider does not own or control other contiguous property within the same Development Tier Subarea; and 3) the Initial Study prepared for the project does not conclude that the project may have a significant impact of public services and facilities or the project does not require sewer or water facilities.

As identified in the General Plan Land Use Element, the three tiers of the UDP are as follows:

Development Tier I – Current Urban Service Area includes land within and adjacent to the present City limits. In most cases, new development within this area can be served by gravity sewer lines to existing trunk sewers. Generally, existing water lines and reservoirs are also adequate to serve new development; however, easements and financial contributions to improve the ultimate wastewater and water systems may be required by developments within this tier. Existing facilities for fire, police, schools, parks, library, medical, roads, and other City services are also in proximity to these areas, though service capacities are likely to be limited and improvements to existing facilities and/or new facilities may be needed to adequately accommodate new development. Subdivisions of land and commercial or industrial



SOURCE: City of El Centro and Cotton/Bridges/Associates, February 2004



General Plan Land Use

Figure 3-1

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development within this area would usually follow existing standard procedures for zoning, subdivision, and environmental review, and, due to the general availability of services and facilities, would usually not require the preparation of a Community Facilities Study.

Development Tier II – Planned Urban Service Area includes land both within and adjacent to the City limits, but differs from Development Tier I in that public infrastructure to serve new development is more limited. Essential required improvements may include wastewater and water pump stations, water storage reservoirs, and sewer trunk lines or force mains. New schools, parks, roadway improvements, and fire stations may also be required to adequately serve development within Tier II areas. As with Tier I areas, additional service capacity for police, library, medical, and other City services may also be needed to accommodate new development. Preparation of a Community Facilities Study would be required for most development projects within Tier II areas unless otherwise exempted as described in the Community Facilities Study Requirements and Exemptions.

Development Tier III – Future Urban Service Area encompasses unincorporated lands that are generally not planned for development within at least the next ten years. However, identification of a parcel as Tier III does not necessarily preclude development within this timeframe. Rather, the Tier III label indicates that services and facilities are usually not available in the area and that subdivision of land and subsequent commercial or industrial development within this area would require that a Community Facilities Study be prepared, unless otherwise exempted.

The three development tiers and their geographical association with the City and SOI boundaries are shown on Figure 3-2. There is some overlap between the City boundaries and the development tiers, as portions of the existing City proper are indicated as Tier I and Tier II areas. The area within the City limits that is considered developed and thus is not within any of the development tiers is shown on Figure 3-2 without hatching. It should be noted that the City has revised the UDP layout since the most recent General Plan update in 2003. Two areas south of I-8, in the southwestern and southeastern portion of the SOI, have been changed from a Tier III to a Tier II designation. Upgrading the UDP tiers in these areas does not preclude the requirement of a Community Facilities Study for proposed development within the affected area. UDP designation has been removed from two parcels in the northern portion of the City to indicate that projects have been approved for these parcels and that development has commenced in relationship to these approved projects.

Approved, Planned, and Proposed Development

While the General Plan identifies the general areas of the UDP that are planned for development as the City grows, there are several specific projects that either are under construction, have been approved by the City, are currently in the planning stages for implementation within the 2010 horizon, or which the City expects to be developed in the future. Most of these projects have been proposed since the General Plan was last updated in 2003. These future projects all, to some degree, present an anticipated demand on some or all of the City's services. The projects are listed below and are shown on Figure 3-3. Unless identified otherwise, the projects discussed below are located within the City's current boundaries.

Low Density Residential

Countryside features 490 dwelling units on approximately 120 acres located south of Danenberg Drive and east of 4th Street.

Buena Vista Park features 465 dwelling units on approximately 120 acres located south of Danenberg Drive and west of 8th Street.

Farmer Estates features 143 dwelling units on approximately 53 acres located south of I-8 and west of Imperial Avenue.

Wildflower, Santa Rosa, and Renaissance are three contiguous communities north of Ross Avenue and between Austin Road and west of Lotus Canal. In all, these projects include 289 single-family dwelling units on approximately 116 acres.

Citrus Grove is a potential residential development located on approximately 50 acres north of McCabe Road and east of SR-86. The number of dwelling units has not been determined. This site is outside of the City's incorporated boundaries, and an annexation would likely accompany development of the project.

Grizzle is a potential residential development located on approximately 300 acres south of Danenberg Road, north of McCabe Road, and in between Imperial Avenue and La Brucherie Road. No proposal has been submitted to the City, and it is not yet known how many residences would be included in the development. This site is outside of the City's incorporated boundaries, and an annexation would likely accompany development of the project. The northern portion of this site is within UDP Tier I, and the UDP designation of the southern portion of the site was recently upgraded from Tier III to Tier II. A Community Facilities Study would be required for any development within the southern portion of the site.

Selinger is a potential residential development located on approximately 160 acres south of the Wake Avenue site, west of SR-86, and east of Clark Road. This site is outside the City's incorporated boundaries, and an annexation would likely accompany the development.

Medium Density Residential

Smoketree Drive Apartments would entail the development of an undetermined number of multi-family residential units on 5.2 acres north of I-8 and east of SR-86.

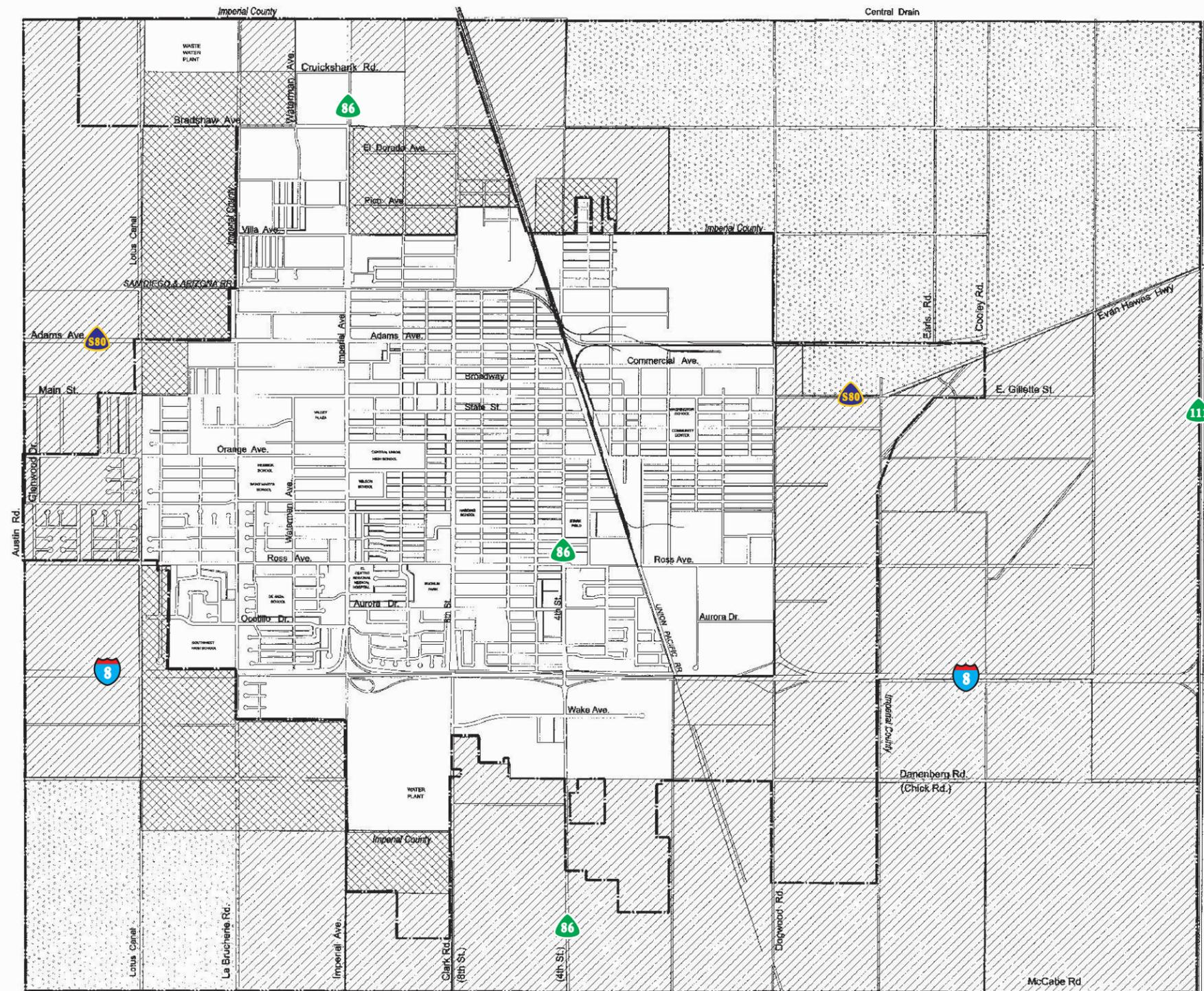
Mixed Use

Wake Avenue Auto Park/Medium-Density Residential project consists of 19 commercial lots on 32.7 acres and a multi-family residential development on 14.7 acres south of I-8 and east of 8th Street. This project is currently under construction.

Lerno is a specific plan proposal for single-family residential, multi-family residential, commercial, light manufacturing, and civic uses on 680 acres at the northeastern corner of the city's SOI boundaries. Preliminary plans show 2,708 total dwelling units, approximately 26 acres of commercial, and approximately 11 acres of manufacturing. Public facilities and services (including schools, parks, and open space) would be detailed in the specific plan. Portions of this site are outside the City's incorporated boundaries.

McPhetridge – Desert Village is proposed to include 95 single-family residences, two multi-family residential complexes of an undetermined number of dwelling units, and three parcels of general commercial development. The site is approximately 55.6 acres and is located south of I-8, east of Imperial Avenue, and west of Cypress Drive.

Anderson/Waterford is a potential specific plan mixed use development on approximately 1,300 acres in the southeastern corner of the city's SOI boundary. Like Lerno, the development



— CITY BOUNDARY
 — SPHERE OF INFLUENCE

DEVELOPMENT TIER AREAS

-  TIER I GROWTH AREAS
-  TIER II GROWTH AREAS
-  TIER III GROWTH AREAS

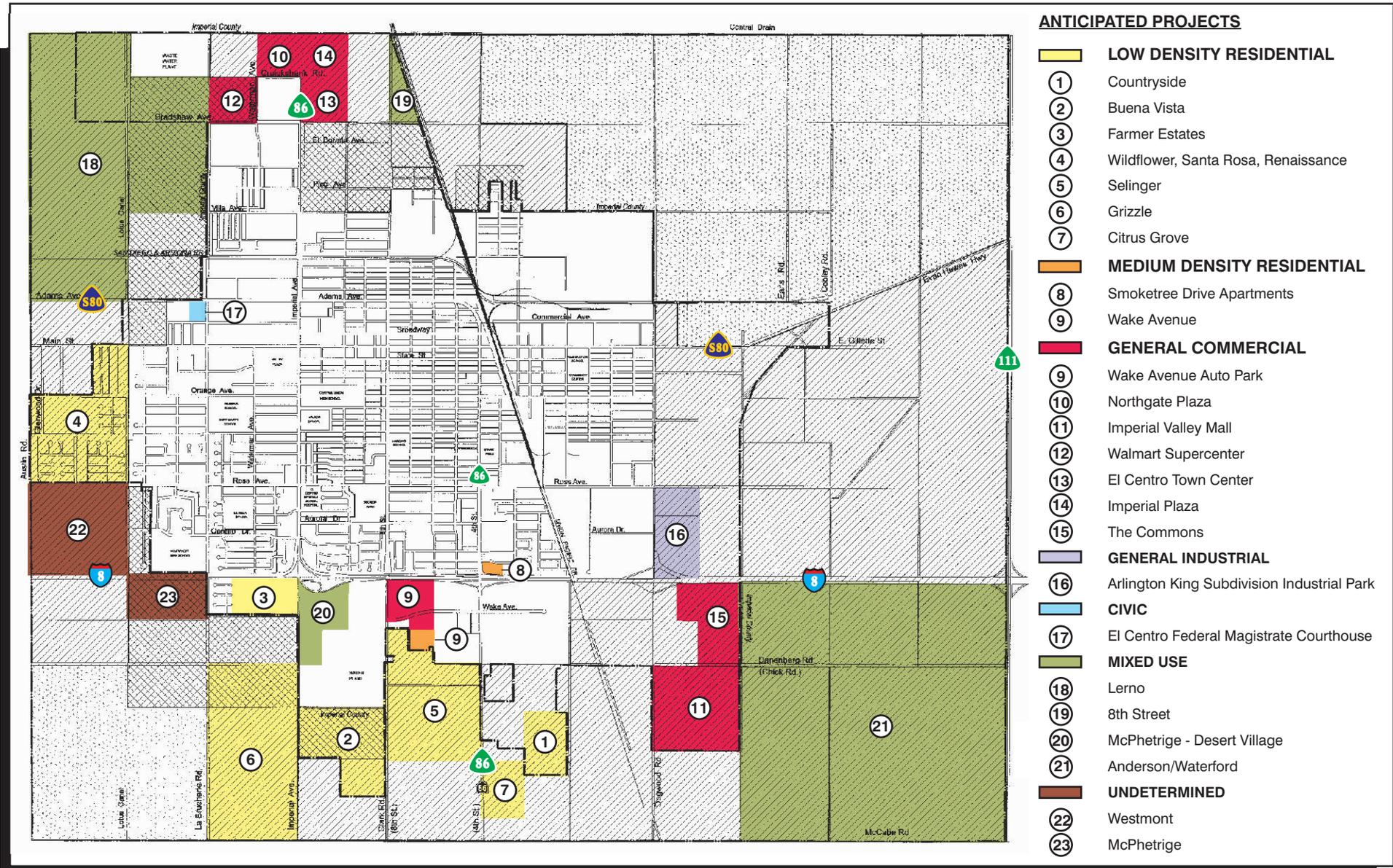
SOURCE: City of El Centro, Cotton/Bridges/Associates, February 2004



Development Tiers

Figure 3-2

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SOURCE: City of El Centro, Cotton/Bridges/Associates



Anticipated Projects

Figure 3-3

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would likely contain a mixture of single-family residential, multi-family residential, commercial, civic, and manufacturing uses, but no plans have been prepared or submitted for this project, and no additional information is yet available. This site is outside the City's incorporated boundaries. The UDP map included in the 2003 General Plan update showed portions of this site as Tier II and a portion as Tier III. The City has recently revised the site to be Tier II in its entirety. This revision would not alter the requirement of a Community Facilities Study for development within the site.

8th Street Residential and Industrial would construct multi-family residential and industrial development on an approximately 21.7-acre site in the north-central portion of the City. The site is bound by 8th Street to the west, the Union Pacific Railroad and the North Date Canal to the west, and agricultural land to the south. Eight industrial lots would be created, but the number of residences has not been determined.

Linda Vista would entail the development of 173 single-family residential units, an elementary school, and approximately 4.5 acres of commercial uses on approximately 80 acres located south of the Buena Vista site and east of the Grizzle site. This site is outside the City's incorporated boundaries.

General Commercial

Northgate Plaza consists of a 14-lot commercial center and two remainder commercial parcels on approximately 32.6 acres located north of Cruickshank Drive and west of Imperial Avenue. This project has been approved by the City.

Imperial Valley Mall consists of an indoor shopping mall on a 160-acre parcel south of I-8 and east of Dogwood Avenue. The site is within the City's SOI but outside of the City's boundaries. The project proposes an annexation to the City.

Wal-Mart Supercenter consists of one large retail and grocery store and several smaller adjacent commercial lots on approximately 39.3 acres north of Bradshaw Drive and east of La Brucherie Avenue.

El Centro Town Center consists of a shopping center located on approximately 26.5 acres north of Bradshaw Avenue and east of SR-86. This project has been approved by the City.

The Commons would entail development of an approximately 700,000-square-foot commercial retail center between the Imperial Valley Mall and I-8.

Imperial Plaza includes 341,516 square feet of commercial on approximately 31.9 acres located directly north of the El Centro Town Center site.

General Industrial

Arlington King Subdivision Industrial Park

Civic

United States Courthouse consists of a federal courthouse building on approximately 4.4 acres south of Adams Avenue and west of La Brucherie Avenue. This project is currently under construction.

Undetermined¹

Westmont is located near the center of the western boundary of the City’s SOI. The potential development site is bound on the north by Ross Avenue, the south by I-8, the east by the Lotus Canal, and the west by Austin Road. This site is outside the City’s incorporated boundaries.

McPhetridge is located southwest of the Westmont site. It is bound on the north by I-8, the south by Wake Avenue, the east by La Brucherie Road, and the west by the Lotus Canal. This site is outside the City’s incorporated boundaries.

Additional General Plan Development

In addition to the listed projects, the General Plan identifies prospective development within the **El Dorado Colonia**. The site is described as an underdeveloped rural residential area of the City that lacks the infrastructure and basic services provided to the rest of the City. The colonia is located in the northern central portion of the City at the southeastern corner of the Imperial Avenue/Bradshaw Drive intersection and to the west of the Southern Pacific Railroad tracks, within the City’s boundaries. The City has been working to improve the public facilities infrastructure within this area and intends to continue such improvement programs that would benefit current residents and potential future residents.

3.3 PROJECTED POPULATION INCREASE

In 2001, SCAG prepared a Regional Transportation Plan (RTP) to analyze what transportation improvements would be necessary throughout the region in the coming years. The RTP relied upon population forecasts prepared by each subregion within SCAG jurisdiction. The forecasts used 1997 population bases and projected out various jurisdictions’ populations to 2025. Population forecasts were developed based on local input, historical growth trends, household size trends, projected natural increase, projected migration and projected jobs. The population forecast prepared for the RTP and published by SCAG has been used as the forecast for analysis in this SAP. The population increase anticipated within the City is presented below. The General Plan projects the buildout population capacity for the City and the existing SOI, including all three of the growth tier areas, to be approximately 134,227 persons. No timeframe is presented for the projected buildout.

Projected Population Increase

Year	Projected Population
2000	37,835
2005	39,348
2010	40,409
2015	41,447
2020	42,774
2025	44,282

Source: Southern California Association of Governments

¹ Projects listed as “undetermined” are those for which no plans or proposals have been submitted to the City but whose owners have expressed interest in future development.

3.4 BUILDOUT PROJECTIONS

As stated above, the UDP does not include a schedule or a timeframe for the development of land within the three development tiers. The General Plan does, however, apply the Land Use Plan to the development tiers and presents estimated buildout projections of the acreage, number of dwelling units (households), square footage (sf) of non-residential space, and population capacity in each of the tiers. Such buildout projections are presented below. Developable acreages listed in the table below comprise 85-percent of the relevant development area, as the remainder is assumed for the development of roadways, utilities, and the associated rights of way. The number of households was determined by reviewing the types and densities of residential development that would be respectively allowed within the rural residential, low density residential, medium density residential, and high-medium density residential land uses occurring within each development area. An average household occupancy of 3.23 persons per household was assumed, as is consistent with existing residence figures. Non-residential square footage was determined by reviewing the development densities respectively allowed within the general commercial, tourist commercial, downtown commercial, general industrial, planned industrial, civic, and public land uses occurring within each development area.

Projected Development Accommodation

Development Area	Acreage	Households	Non-Res. sf	Population
City (developed)*	3,651	10,885	22,894	31,962
Tier I	1,158	4,413	1,209	12,961
Tier II	5,313	14,135	13,082	41,503
Tier III	4,603	16,278	3,907	47,798
TOTALS				
City + Tier I	4,809	15,298	24,103	44,923
City + Tier I/II	10,122	29,433	37,185	86,426
City + Tier I/II/III	14,725	45,711	41,092	134,224

* City (developed) is the area within the City boundaries and not included in one of the development tiers
 Source: City of El Centro General Plan

As the UDP is based on physical area and the SAP is based on estimated population increase over time, it is difficult to match the two and assume precisely where and when development within the development areas and/or annexation to the City will occur. However, it should be noted that the total projected population capacity for the City and the Development Tier I, which is estimated to be 44,923, is very similar to the 2025 population of 44,282, as estimated by SCAG. Accordingly, it can be assumed that the City would be able to develop within its boundaries and within the Tier I development area between now and 2025 to accommodate the population increase that is projected for the area. It is not likely that future development would be limited to occurring within the City and Tier I boundaries (as illustrated by Figure 3-3, which shows several anticipated development projects located in Tier III while certain Tier I areas lack currently anticipated development), but the population accommodation figures presented in the General Plan are useful tools to quantify the general growth potential and accommodation for such within the City and the City's SOI.

It should also be noted that, according to the buildout projections included in the General Plan, the current City population (2000 census) exceeds the residential capacity of the City (developed) area shown above and on Figure 3-2 by approximately 6,000 residents. As such, it can be assumed that growth within the City boundaries and within the City's SOI, in accordance with the General Plan and the UDP, is warranted to accommodate existing and probable future needs.

Representatives of the City have commented that the SCAG population projections may represent conservative figures and that the City is likely to exceed the identified future growth. In absence of any adopted publications that show higher population projections, this SAP has analyzed future demand for City services according to the figures published by SCAG and according to the location of anticipated projects and other likely development trends within the SOI. As the SAP is periodically updated, the City will have the opportunity in the future to alter the population projections considered in such analysis should additional projections become available.

4.0 PUBLIC FACILITIES AND SERVICES

The following chapter provides a detailed account of the various public services and facilities that are developed, maintained, and operated by the City. The section covers facilities and services for City administration, drainage, fire, law enforcement, library, parks and recreation, circulation and roadways, wastewater treatment and sewer, and water. For each of these facilities areas, an inventory of existing facilities is given and performance standards are identified (where applicable) to gauge the effectiveness and adequacy of the existing facilities. Demands for future facilities are discussed relative to projected growth outlined in Chapter 3 above. Where applicable, plans for future facilities are discussed. Discussion is presented regarding the current funding methods for each facilities area and the prospective sources of funding that could be used in the future. Finally, mitigation measures are presented that would aid the City in ensuring future adequacy and efficiency.

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4.1 ADMINISTRATIVE FACILITIES

The City owns and operates buildings that house the general administrative services of the City. Administrative facilities are located in several centrally located buildings known as the Civic Center. Administrative services of the City include the City Manager's Office, City Attorney's Office, Finance Department, Engineering Department, Planning Department, Building Department, Redevelopment Agency, and the Personnel Department.

I. Performance Standard

The City does not maintain a performance standard for administrative facilities. General Plan Public Facilities Goal 6 is to "Provide for and maintain a variety of buildings in the Civic Center to satisfy the requirements of the many diverse governmental agencies within the City and allow the agencies to adequately serve the public." The City will consider establishing performance standards for City administrative buildings and staff to allow better analysis of existing and future resources' adequacy and to determine the need for additional resources and staffing. To give an example, other jurisdictions have established performance standards for administrative facilities in terms of square feet per 1,000 residents for administrative staff in terms of number of personnel per 1,000 residents.

II. Facility Planning and Adequacy Analysis

Inventory of Existing Facilities

The City's administrative facilities are located in what is known as the Civic Center, a group of buildings with a central location along Main Street between Imperial Avenue and 8th Street. Along with administrative facilities of the City, the Civic Center includes the main station of the El Centro Police Department (ECPD), whose facilities are discussed below in Section 4.4 of this SAP. Several County buildings, including the County courthouse and County administrative facilities, and the headquarters of the Imperial Irrigation District are also located in the same complex as the Civic Center, although these structures are not operated by the City. The following list provides a square footage inventory of the four City administrative buildings located within the Civic Center.

City Hall	10,700 square feet
Public Works Building	4,700 square feet
City Manager/Personnel Building	4,800 square feet
Redevelopment Agency Building	4,100 square feet
Total	24,300 square feet

The square footage totals listed above include recent expansion, remodeling, and office relocation that took place after City review of future near-term staffing and related need for space.

Adequacy of Existing Facilities

The existing City administrative facilities are not considered to be under excessive strain, and the buildings are generally in acceptable condition and spacious enough to accommodate the scope and scale of City services. The existing amount of office space and meeting space is acceptable to accommodate the employees, customers, and users of City administrative facilities, as well as to accommodate future needs. It should be noted that recent budgetary cuts have forced the City to cut positions and lay off employees, which has placed a strain on the administrative programs and personnel of the City.

Future Demand for Facilities

The City recently reviewed needs for office space in the Civic Center and purchased building space and remodeled and expanded their facilities to accommodate anticipated near-term needs. Increased development within the City boundaries and the SOI will present an increased demand on the City's administrative facilities, programs, and personnel. As growth continues, the City will be presented with the need to hire additional administrative personnel and expand City services, which will necessitate the need to expand administrative facilities.

The existing facilities are centrally located in a high traffic area that is easily accessible to many City residents. Maintaining a centrally located Civic Center is an effective way to administer City programs and services, and is in conformance with General Plan Public Services Policy 6.1. It is not likely that growth within the SOI will demand that additional facilities be constructed in new locations, as the centralized location will remain accessible to new development throughout the SOI. Where possible, future demands will be met by expanding existing structures. Should this not prove to be a feasible option, the City may consider purchasing additional land in the immediate vicinity of the Civic Center, especially land within the outlying commercial district.

Opportunities for Shared Facilities

A publicly available conference room located in the Main Branch of the El Centro Public Library is occasionally used to house meetings when conference space is not available in the Civic Center buildings.

Phasing

The City does not currently have any plans for the expansion of the administrative facilities within the Civic Center.

As the City grows, the expansion of administrative facilities would likely occur within the existing Civic Center area and in the immediate vicinity of the existing location. Maintaining a single, centrally located Civic Center will allow efficient operation of administrative programs and effective public service.

III. Funding

Current Funding

Maintenance and operation of the City's administrative facilities and staff is financed by the General Fund. The City charges user fees for various administrative tasks that it performs, and the funds from these fees are deposited into the General Fund. The General Fund is further described below in Chapter 5 of this SAP.

The City charges development impact fees for "other public facilities." These fees may partially be used to fund large-scale development and improvement projects related to City administrative facilities. The City's development impact fees program is further described below in Chapter 5 of this SAP.

Cost Avoidance Opportunities

The Main Branch of the El Centro Public Library contains a conference room that is sometimes used for meetings when space in City Hall is not available. The Main Branch is located close enough to City Hall to make this a convenient alternative to acquiring additional space or

expanding existing City buildings, and continuing to use this library facility is a good cost-saving opportunity for City administrative services.

Recommended Funding

The City will continue to use the General Fund for the maintenance and operation of the administrative facilities. As the City continues to grow, any necessary expansion of the facilities or acquisition of additional property for administrative facilities could be financed by issuing bonds to private investors.

The City will review the Cost Recovery Study prepared in March 2003 (See Section 5.3) and, where feasible, implement the recommended revisions to the user fees charged for services of the Planning Department, Building Department, and Engineering Department. Updating the City's user fees would provide increased revenue that could be used for improvements and expansion of administrative facilities.

IV. Mitigation

In order for the City to provide to its residents adequate administrative services and to assure that future demands for facilities are properly identified and addressed, the City will implement the following measures.

- Adopt a performance standard for City administrative facilities. Such a standard may be developed in terms of square footage of administrative buildings per 1,000 City residents.
- Continue to periodically review the administrative facilities and personnel of the City through the preparation of annual reports. Such review will identify staffing and budgetary concerns as City growth continues to increase the demand on facilities and staff.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the DPR user fee structure.

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4.2 DRAINAGE FACILITIES

The City owns, operates, and maintains a system of drains that conveys storm water and urban runoff. The system is managed by the wastewater division of the Department of Public Works, and the City does not maintain a separate budget for drainage maintenance or improvements.

I. Performance Standard

The City does not maintain performance standards for its drainage system. In general, the goal of the system is to prevent flood conditions that would adversely affect residences, businesses, and facilities within the City. The General Plan Circulation Element includes design standards for new roadways, which are to include gutters and proper slopes from the centerline to the edge of the roadway to address drainage and prevent pooling. The drainage system must also conform to standards set forth by National Pollutant Discharge Elimination System permit requirements, Federal Emergency Management Agency requirements, and Imperial Irrigation District requirements.

II. Facility Planning and Adequacy Analysis

Inventory of Existing Facilities

The City has never prepared a master plan for the drainage system. Underground drainage facilities primarily exist in the downtown portion of the City. Some City operated facilities drain into irrigation drains owned and operated by the Imperial Irrigation District. Major improvements were last made to the drainage system in the 1980s. Gutters are required in new streets within the City, with curbs required along the outside edges of the streets and a two percent slope required from the roadway's center line to the curb. These gutters convey storm water and keep water from pooling in the roadway.

Drainage issues are reviewed on a project-by-project basis. As a general policy, the City approves of the installation of retention basins on development projects. Projects developed within the City often contain grass fields or vegetated areas into which development-related flows drain and seep into the ground. Thus, drainage within the City is often self-contained within specific developments and does not flow into one large, City-operated system.

Adequacy of Existing Facilities

At the time of publication of this SAP, a drainage system master plan had been proposed to review the adequacy of the existing drainage system's operation and identify necessary future improvements as the City continues to grow. According to the manager of the Wastewater Treatment Plant, a Department of Public Works employee who oversees the management of the drainage system, the City's facilities are adequate to meet the needs of the City and prevent flood conditions. The age of portions of the underground pipelines may necessitate periodic maintenance of the existing system.

Future Demand for Facilities

As the City continues to grow, additional impervious surface will be constructed over agricultural land or otherwise undeveloped land, disabling storm water and urban runoff from seeping into the ground in its natural drainage pattern. This will require consideration for additional drainage facilities to prevent flood conditions. It is most likely that the City would continue to allow the construction of drainage facilities in each development that contains the flows from the development. Such facilities would be constructed by the developer, which would prevent the

City from needing to conduct major improvements in most parts of the City boundaries and SOI boundaries. Additional underground facilities may be required in the central portion of the City where existing City-maintained underground facilities are located, and improvement of existing facilities may be required. The wastewater division of the Department of Public Works has proposed the preparation of a master plan for the City's drainage system that would determine needs and opportunities for improvement to the system.

Opportunities for Shared Facilities

There are no opportunities for shared facilities.

Phasing

The City does not currently have plans for major improvement to the existing system of drainage facilities. As discussed above, the City is planning to prepare a drainage system master plan that would identify needs for improvements. As development continues within the City boundaries and the SOI, consideration will be given for storm water drainage issues in order to prevent flood conditions. Newly constructed roads associated with new development will be engineered to City standards and will include gutters and adequate slope from the centerline to allow the proper conveyance of storm water.

III. Funding

Current Funding

Within the City and the SOI, these facilities are mostly installed and funded by developers as projects are implemented. The wastewater division of the Department of Public Works is responsible for budgeting and allocating resources for the centrally located City-maintained facilities. Thus, funding currently comes from the Wastewater Capacity Fee Fund and the Wastewater Enterprise Fund. Routine maintenance, operation, and personnel costs are accounted for by the Wastewater Enterprise Fund, while any major improvement projects would be paid for out of the Wastewater Capacity Fee Fund.

Cost Avoidance Opportunities

The City is able to avoid costs for the development of drainage facilities by requiring developers to construct adequate facilities and retention basins on their projects.

Recommended Funding

Funding responsibilities for project-related facilities shall remain with the developers and secured prior to construction. Improvements to the centrally located City-maintained facilities shall remain under the guidance of the wastewater division of the Department of Public Works. As discussed in Section 4.2, the City plans to prepare a master plan for the municipal drainage facilities that would identify necessary improvements to the system. Such a master plan would also identify potential funding sources for large-scale improvements, including any opportunities for funding sources other than the Wastewater Capacity Fee Fund.

IV. Mitigation

In order for the City to assure the adequate provision of storm water and urban runoff drainage within the City boundaries and within the SOI, the City will implement the following measures.

- Prepare a Storm Water System Master Plan. This plan would include a complete inventory of existing facilities, presentation of the City's design requirements for drainage facilities, identification of the improvements that are necessary within the existing system and that would be necessary to accommodate additional growth, estimates of cost for necessary improvement projects, and a discussion of finance mechanisms within the wastewater division of the Department of Public Works that would fund necessary improvement projects.
- Continue to require new roadways within the City boundaries and the City SOI boundaries to meet City requirements for provision of gutter features and slopes to properly convey storm flow.
- Continue to require that new development projects address potential drainage issues and provide adequate facilities to convey storm flow. If developments would drain into facilities of the City's system, require that the developer consult with the Department of Public Works to assure that improvements are engineered and constructed to City standards.

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4.3 FIRE FACILITIES

The City maintains the City of El Centro Fire Department (ECFD). The ECFD provides fire response, suppression, prevention, and investigation; emergency medical response and advanced life support; community disaster preparedness; hazardous materials response and mitigation; confined space rescue services; and water rescue services within the City boundaries.

I. Performance Standard

The Public Facilities Element of the General Plan includes Public Facilities Goal 5, which states that the City strives to ensure that adequate standards of fire protection are met by providing the ECFD with personnel, equipment, and facilities.

The ECFD has adopted standards for fire and emergency response performance based on the National Fire Protection Association Standard 1710 – Standard for the Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments. The ECFD standards demand that the department meets the response times listed below at least 90% of the time. All times are from the receipt of a call for service.

All Calls

Turnout time: 1 minute

Fire Suppression Calls

Arrival of the first responding engine company: 4 minutes
Deployment of full “first alarm” assignment: 8 minutes

Emergency Medical Calls

Arrival of a unit with basic life support: 4 minutes
Arrival of a unit with advanced life support: 8 minutes

The ECFD also maintains a staffing standard providing that nine sworn and uniformed personnel will be available to respond to calls at any given time throughout the day or night. There is currently no standard that dictates total number of personnel on staff relative to City population.

II. Facility Planning and Adequacy Analysis

Inventory of Existing Facilities

The ECFD provides service within the City limits and, through a mutual aid agreement with the Imperial County Fire Department (ICFD), portions of the unincorporated area within the City SOI boundaries. The ECFD has two fire stations. Fire Station No. 1 is located at the intersection of State Street and 8th Street. Fire Station No. 2 is located along Dogwood Avenue north of Ross Avenue. As shown in Figure 4.3-1, Fire Station No. 1 is centrally located and Fire Station No. 2 is located near the City’s eastern boundary.

In all, the ECFD has 33 uniformed personnel, four non-uniformed personnel, and several vehicles and pieces of equipment, as detailed below. In the following list, a breakdown of uniformed personnel is presented that indicates the staffing of department positions and any relevant specializations within the department, or “collateral assignments.”

Staff:

Uniformed Personnel 33

Department Position Assignments:

Fire Chief	1
Battalion Chiefs	4
Fire Captains	10
Fire Engineers	9
Firefighters	9

Collateral Assignments:

Advanced Life Support personnel	15
Hazardous Materials Tech. Specialists	13
Confined Space Rescue Specialists	6
Bomb Technicians	2

Non-Uniformed Personnel (admin.) 4

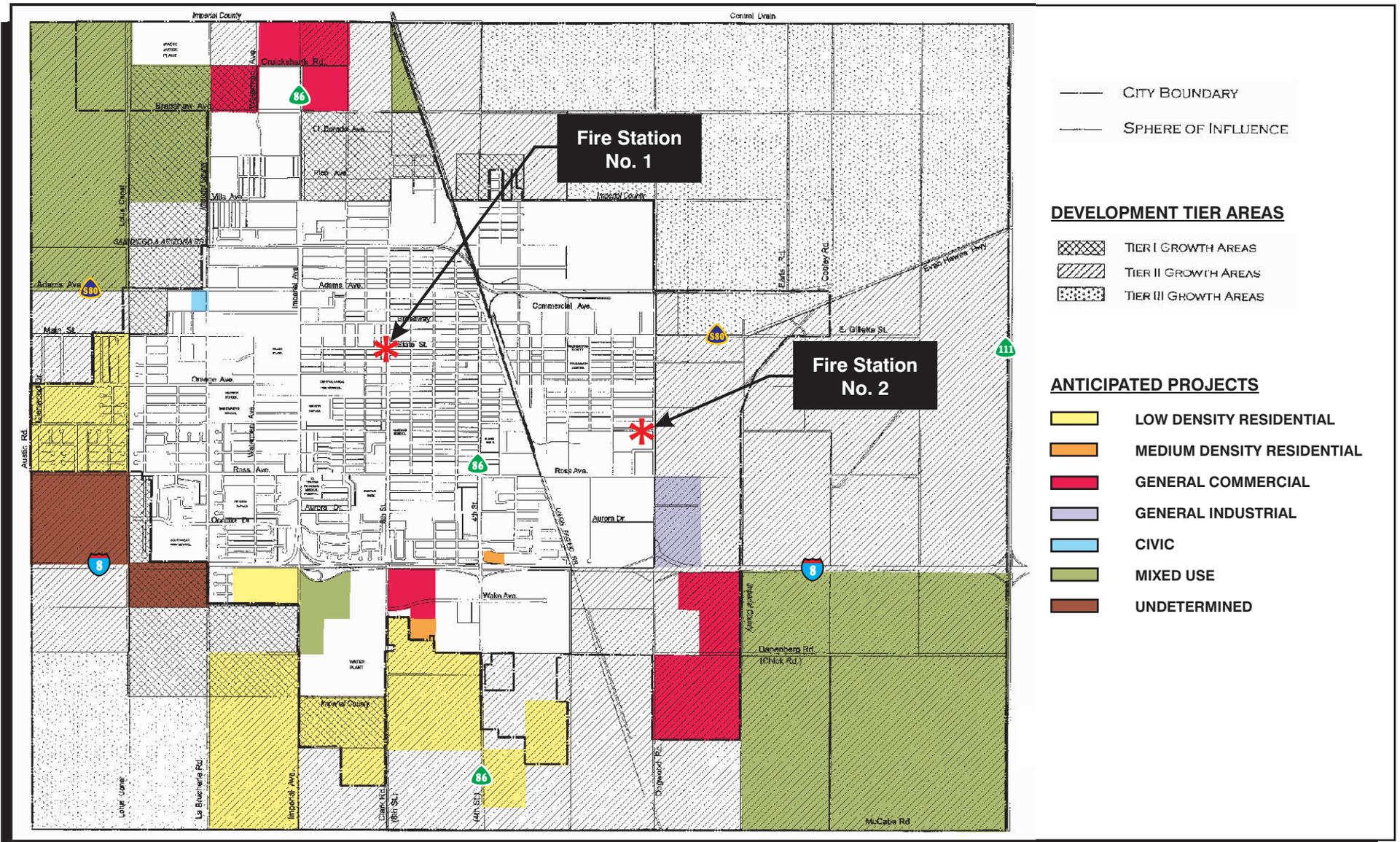
Apparatus/Fleet:

Fire Engines	4
Ladder Truck	1 (currently out of service)
Rescue Squad	1
Mobile Air Machine	1
Incident Command Vehicle	2
Hazardous Materials Unit	1 (shared with ICFD)

A mutual aid agreement exists between the ECFD and the ICFD for the provision of services within the City SOI boundaries. ECFD responds to calls within the City limits and a portion of the SOI boundaries, while the ICFD, which is responsible for calls within the unincorporated areas of the County, responds to calls within the remainder of the SOI boundaries. The mutual aid agreement also includes that the ECFD and ICFD would provide backup assistance within each other’s jurisdiction should a situation demand such action.

Adequacy of Existing Facilities

The ECFD prepares an annual report that reviews personnel and lists response calls for the various services performed throughout the year. The annual report aids the City and the ECFD in periodically reviewing its performance and determining where additional resources may be needed. Most recently, the ECFD logged an average response time of approximately seven to 10 minutes for emergency calls and 10 to 15 minutes for non-emergency calls. The ECFD responded to an average of 10.5 emergency calls per 24-hour shift.



SOURCE: City of El Centro, Cotton/Bridges/Associates, February 2004



Existing El Centro Fire Department Fire Stations

Figure 4.3-1

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According to a representative of the ECFD, the high volume of calls has placed constraints on resources that have made it difficult for ECFD to respond to simultaneous calls and to conduct non-emergency duties such as training, fire prevention inspections, education, and fire station apparatus and equipment maintenance.

Fire Station No. 1 currently faces conditions that compromise its effectiveness in serving the community. When the station opened in 1951 at its current site, it sat near the western edge of the community, where it enjoyed sufficient access to all areas within its jurisdiction. The facility was built to accommodate three shift personnel and mid-century era fire apparatus. El Centro has grown considerably in the last 50 years and Station No. 1 operates under compromised conditions. The State Street and 8th Street intersection is much busier today, making access to the station difficult. Station No. 1 now accommodates seven personnel, six administrators, and the larger apparatus of the modern fleet. Therefore, there is existing demand for a new and relocated Station No. 1.

Future Demand for Facilities

Increased development within the City boundaries and City SOI boundaries will continue to place strain on the services, personnel, and equipment of the ECFD. As calls become more numerous with the increased density of the City and as land is annexed into the ECFD service area, the ECFD will experience an increase in emergency and non-emergency response times; a situation that compromises the ability of the ECFD to meet their charge and that could endanger the inhabitants of the City. Additional annexation of land to the City would increase the service area of the ECFD. This would increase the response time for emergency and non-emergency calls, further compromising the services of the ECFD.

Existing strain on the services and facilities of the ECFD means that the City will consider the provision of additional staff, equipment, and vehicles to allow the department to adequately serve the City. Growth will require the further addition of staff, equipment, and vehicles.

Residential and commercial growth is anticipated within the northern, western, and southern portion of the City SOI, within Development Tiers I, II, and III. Development in these areas would include annexations to the City and to the service area of the ECFD, and would place new homes and businesses outside an area in which the ECFD is able to safely and efficiently respond to calls. As development occurs in these areas, the City plans to develop a third and fourth ECFD fire station to house fire and emergency response personnel, equipment, and vehicles. The future provision of new fire stations is discussed in the General Plan Public Facilities Element.

Opportunities for Shared Facilities

The ECFD maintains a mutual aid agreement with the ICFD for service within the SOI. The two jurisdictions also share the Hazardous Materials Unit. The City shall continue to pursue this relationship with the County, and the two jurisdictions shall periodically review their service area boundaries and their service goals to maintain adequate and efficient protection to all areas within the City, the SOI, and the remainder of the unincorporated County land.

Phasing

Station No. 1 is to be relocated to a site within three blocks of its existing location at the intersection of State Street and 8th Street. The new facility would be constructed at a location and of a design to allow adequate access to and from the nearby main avenues of travel. The

new structure would properly house the assigned personnel and accommodate modern equipment.

As development occurs in the southwestern portion of the City SOI, Fire Station No. 3 is to be developed. This new station would be located east of La Brucherie Avenue and south of Wake Avenue.

As development occurs in the northern portion of the City and the City SOI, Fire Station No.4 is to be developed. This new station would be located along Cruickshank Drive between Imperial Avenue and 8th Street.

Developing these two new stations would prevent development from overloading the personnel, equipment, and facilities of both the ECFD and the ICFD, and would keep response time low in accordance with Public Facilities Goal 5. New stations will also require additional personnel and equipment to staff and outfit the ECFD facilities and continue to provide an adequate level of service.

The City prepared a CIP Report in May 2004 that identifies City projects that are to be undertaken between 2004 and 2009. A copy of the CIP Report is included as Appendix A to this SAP. The CIP Report includes the periodic replacement of old and obsolete fire trucks with newer models and the relocation of ECFD facilities. The following is a list of projects identified in the CIP Report that pertain to the ECFD.

1. 2004 – Replace one 1977 model fire engine with a new fire engine and reassign HME Triple Combination Pumper fire truck (1995 model) to reserve duty.
2. 2005 – Replace one 1977 model fire engine with a new fire engine and replace one Snorkel unit (1967 model) with a new fire engine.
3. 2008 – Replace one 1986 model fire engine with a new fire engine.
4. 2005-2009 – Relocate Fire Station No. 1. Purchase land, design and engineer new facility.

III. Funding

Current Funding

The ECFD receives money from the General Fund to finance operational and maintenance costs for facilities, equipment, and personnel. Revenue from user fees charged by the ECFD and from development impact fees required of development projects are paid into the General Fund and redistributed to the ECFD and other City facilities and programs.

Cost Avoidance Opportunities

The ECFD operates and shall continue to operate under a mutual aid agreement with the County of Imperial Fire Department for as-needed assistance and backup. This method helps the ECFD avoid costs while assuring that people and property within the City, the SOI, and the rest of the County are covered by adequate fire and emergency response. The two agencies also share a hazardous materials emergency response unit, which aids in avoiding costs for both agencies.

Recommended Funding

The ECFD will continue to receive funding from the General Fund. A Cost Recovery Study has been prepared and is being reviewed by the City Finance Department. This study includes new or revised user fees for services performed by the ECFD. Increased user fees for the department would increase department contribution to the General Fund.

The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for ECFD service or facilities would increase department contribution to the General Fund.

The City also may consider the establishment of a community facilities district for the ECFD to centralize funding for the department and allow an efficient and effective means of financing department needs. Major ECFD projects, such as the construction of the two new fire stations could necessitate the issuance by the City of bonds to private investors.

The City is considering utilizing redevelopment agency money for the relocation of Fire Station No. 1.

Funding and resources for the prospective future Fire Station No. 3 and Fire Station No. 4 would come from a combination of capacity fee funds and donation of land by developers undertaking projects in the relevant areas of the City.

IV. Mitigation

In order for the City to assure adequate fire and emergency response service within its boundaries as development continues within the City boundaries and within the SOI, the City will implement the following measures.

- Implement ECFD improvement projects included in the City's May 2004 CIP Report.
- Adopt an official staffing standard relative to City population to become part of ECFD protocol. The ECFD may elect to reinstate the previously utilized standard of 1.55 uniformed personnel per 1,000 City residents, or they may elect to further review the issue and adopt an updated standard.
- Establish a performance standard or performance goal for vehicles. A standard may be set in terms of fire trucks per 1,000 City residents. An official standard for vehicles would enable the City and the ECFD to better analyze existing and future performance and quantify the need for additional equipment.
- In conformance with General Plan Public Facilities Policy 5.2, continue the periodic review of number of calls and response times to determine the adequacy of existing service and any need for improvement or additional resources.
- Pursue additional finances to fund additional personnel, equipment, and vehicles of the ECFD.
- When the City determines that it is needed, purchase land and construct Fire Station No. 3.

- When the City determines that it is needed, purchase land and construct Fire Station No. 4.
- Review existing development impact fees for ECFD services, identify necessary improvement to the current fee structure, and implement revised fee structure.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the ECFD user fee structure.

4.4 LAW ENFORCEMENT FACILITIES

The City operates the ECPD, which is the primary law enforcement agency that serves the citizens of the City and land within City boundaries. Sworn officers of the ECPD patrol the City and respond to calls for crimes, emergencies, and other law enforcement services within their jurisdiction. Non-sworn personnel of the ECPD are responsible for various administrative tasks, animal control, and parking enforcement. Volunteer personnel of the ECPD include sworn reserve officers that supplement regular officers, and non-sworn members of the Police Auxiliary (PAX) Team Program that provide assistance in other areas of ECPD service. The ECPD also operates the El Centro Police Athletic League (PAL), an athletic and educational organization for youth development. PAL is funded by donations from businesses, organizations, and individuals. Officers and staff members participating in PAL volunteer their time. City money pays for gasoline for PAL vehicles.

I. Performance Standard

As published in the General Plan, the ECPD maintains a goal for a per-capita staffing standard of 1.75 sworn officers per 1,000 City residents. Discussion with ECPD staff in preparation of this SAP indicated that this standard is outdated and unrealistically high when compared to current standards maintained by similar jurisdictions. The ECPD has decided to lower their performance standard to 1.4 sworn officers per 1,000 residents, in keeping with current trends in the operations of other law enforcement jurisdictions. An additional standard that is kept by the department is that at any given period throughout the day and night there are five police personnel on duty, including four responding officers and one supervising sergeant or officer-in-charge. The ECPD does not maintain a response time goal or standard, but annually reviews actual response times to determine the adequacy of their service and any possible alterations or improvements to their methods that would reduce response time.

The ECPD does not maintain a performance standard for non-sworn personnel. However, it may be inferred from the existing ratio of officers to non-sworn personnel that the administration and other services of the ECPD requires approximately one non-sworn employee for every two officers in order to adequately serve the City. This standard shall be used to assess the existing and future demanded staffing levels of the ECPD in this document.

The ECPD does not maintain a performance standard for vehicles. However, it may be inferred from the existing ratio of officers to vehicles that the ECPD would require one patrol car (including both marked and unmarked cars) for every two officers in order to provide adequate service to the City. This standard shall be used to assess the existing and future demanded staffing levels of the ECPD in this document.

II. Facility Planning and Adequacy Analysis

Inventory of Existing Facilities and Staff

The main station of the police department is located at 150 North 11th Street. The ECPD also maintains a substation at the Community Center, located at 375 South 1st Street. No clerical personnel are assigned to the Community Center substation. The PAL administrative center is located at 1100 North 4th Street. The existing stations are shown on Figure 4.4-1. The following is a detailed list of the police department's sworn personnel and vehicles:

Sworn Personnel	1 Chief of Police
	1 Captain
	2 Lieutenants
	6 Sergeants
	33 Police Officers
	3 School Resource Officers
	(45 total sworn officers)

- Vehicles:**
- 12 Marked Patrol Vehicles
 - 12 Unmarked Vehicles
 - 2 Highway Patrol Motorcycles (not in use)
 - 2 Scooters
 - 1 Truck
 - 1 Utility Van (outfitted for Special Weapons and Tactics Team)

ECPD also employs 21 non-sworn personnel that are assigned to various services including records, communication, evidence, animal control, community service, computer information services, and parking enforcement.

There are currently four sworn officers in the volunteer Police Reserve Program, and 10 volunteers participating in the PAX Team Program. The City does not pay salaries for volunteers but ECPD supplies volunteers with equipment, uniforms, weapons, vehicles, and communication equipment. ECPD also assumes costs for training volunteers and maintaining acceptable training levels.

The ECPD does not maintain response time goals but tracks and reviews response times on an annual basis. The current response time for crimes “in progress” calls is generally four to five minutes, the current response time for crimes “just occurred” calls is 10 to 11 minutes, and the current response time for crimes “past occurred” calls is 15 to 16 minutes.

Adequacy of Existing Facilities and Staff

The number of sworn officers and non-sworn staff members employed by the ECPD has dropped in recent years. With 45 sworn officers, the ECPD currently serves the City at a rate of approximately 1.2 officers per 1,000 residents. This rate was calculated as follows:

$$45 \text{ sworn officers} \times 37,835 \text{ residents} / 1,000 = \mathbf{1.2 \text{ officers per 1,000 residents}}$$

This existing service rate is well below the published goal of 1.75 officers per 1,000 residents. To adequately serve the City’s existing population in conformance with the adopted service standard, the ECPD would need to employ 66 sworn officers. This personnel number was calculated as follows:

$$1.4 \times 37,835 \text{ residents} / 1,000 = \mathbf{53 \text{ sworn officers (per service standard)}}$$

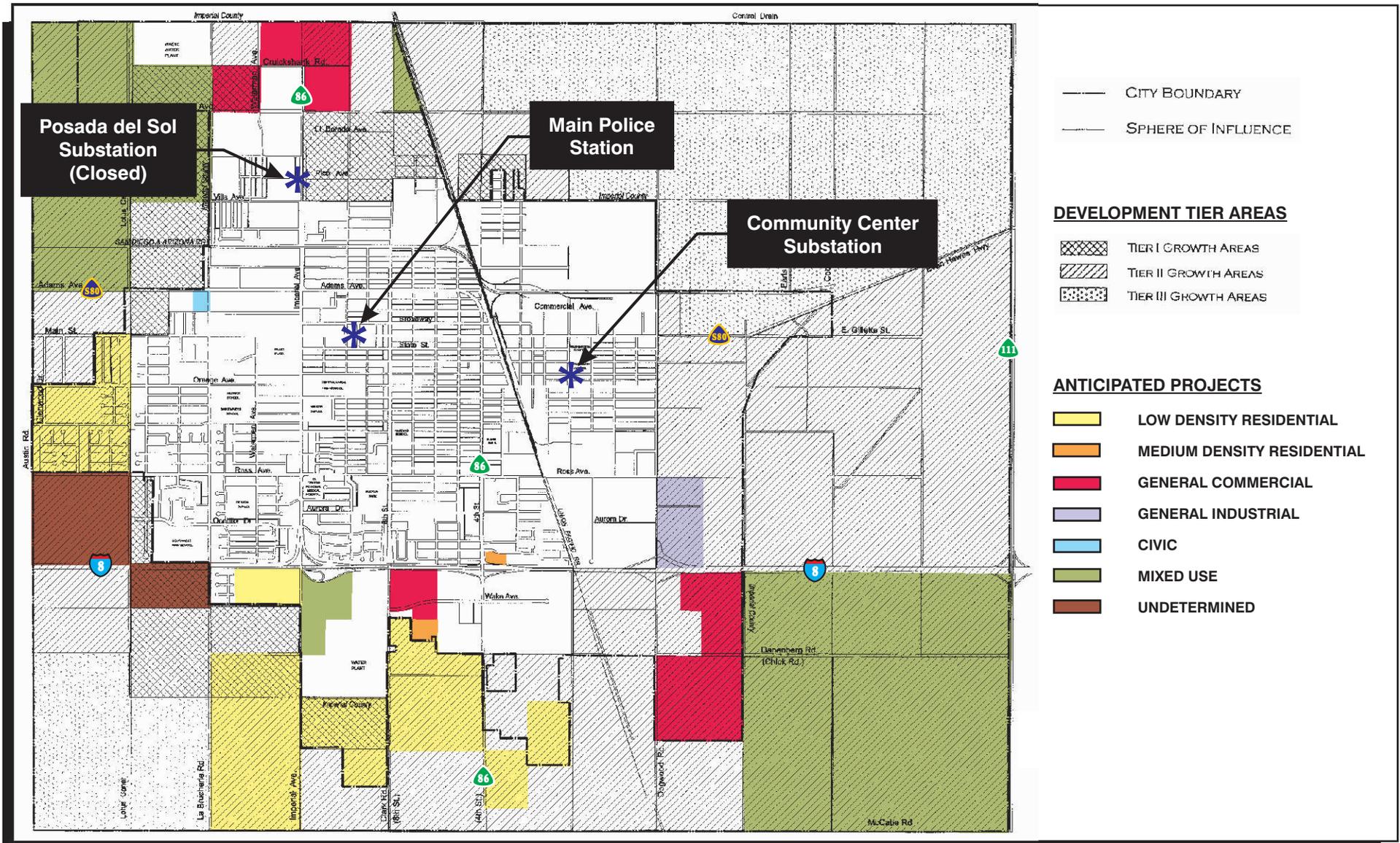
Accordingly, the ECPD is currently operating at a deficit of eight sworn officers when compared to the demand projected by the service standard. This deficit was calculated as follows:

$$53 \text{ officers (per service standard)} - 45 \text{ officers (existing)} = \mathbf{8 \text{ officer deficit}}$$

Applying the service standard for non-sworn personnel, the projected existing demand of 53 sworn officers would necessitate 27 non-sworn personnel. As such, the ECPD is currently in deficit of six non-sworn employees. This deficit was calculated as follows:

$$53 \text{ officers} \times 0.5 \text{ non-sworn personnel per officer} = \mathbf{27 \text{ non-sworn (demand)}}$$

$$21 \text{ exist. non-sworn personnel} - 27 \text{ demand personnel} = \mathbf{6 \text{ non-sworn (deficit)}}$$



SOURCE: City of El Centro, Cotton/Bridges/Associates, February 2004



Existing El Centro Police Department Stations

Figure 4.4-1

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Similar to the service standard ratio of non-sworn staff to officers, the ECPD would need one patrol vehicle for every two officers. That means that 27 patrol vehicles would be needed to accommodate 53 officers. As the department currently has 24 patrol cars, they are in a deficit of three such vehicles.

According to a representative of the ECPD, the number of sworn officers and non-sworn personnel has dropped in recent years, while the population and area of the City continues to grow. For example, the ECPD had 51 sworn officers and 23 non-sworn personnel during 2003, and now employs 45 officers and 21 non-sworn personnel. Due to inadequate staffing and funding, the ECPD was recently forced to close down the substation that it had previously operated at Posada del Sol (1400 North Imperial Avenue at Pico Avenue). A private landowner had donated the use of the Posada del Sol location to ECPD. The site has since been returned to the owner with the agreement that if ECPD were able to staff an additional station at some point in the future, the owner would make an effort to provide a nearby location. Because of lack of personnel to man the traffic enforcement unit, the department's two motorcycles are not currently in operation. The ECPD representative indicated that this reduction in staffing has compromised the ability of the department to adequately serve the City, and the ECPD representative believes that the deficit of staffing and vehicles shown above properly reflects the needs of the department to provide an acceptable level of service.

Representatives of ECPD have also indicated that the 11th Street station's structure is aging and in need of repair.

Future Demand for Facilities and Staff

The ECPD is currently understaffed and is not meeting its performance standard goal. In addition to the staff presently required to meet its service goal, the ECPD will require additional staff and vehicles to provide adequate services to the City as the population grows. The projected 2025 population of 44,282 residents would necessitate 62 officers if the ECPD were to meet its performance standard goal. The future demand was calculated as follows:

$$1.4 \times 44,282 \text{ projected residents} / 1,000 = \mathbf{62 \text{ future officers}}$$

To meet its performance standards for the projected 2025 population, the ECPD would have to hire an additional 17 sworn officers by that year. According to the performance standards, 62 future officers would necessitate 31 non-sworn personnel for administrative and other support services, as well as 31 patrol vehicles. This means that the ECPD would need 10 additional non-sworn employees and seven additional patrol vehicles by that year, as well.

There are no existing plans for the improvement or expansion of the existing ECPD facilities. While the existing station and substation accommodate the existing staffing level of the department, additional staffing to meet future demands of increased population would likely require the expansion of the existing station and perhaps the operation of an additional substation(s).

As development continues to occur in the northern, western, and southern portions of the City SOI and as the City boundaries are extended, new stations or substations will be developed in the vicinity of new development to assure adequate patrol coverage and response to calls. Stations must be adequately staffed by ECPD personnel, and the ECPD must hire new officers and staff and demonstrate that staffing is available prior to the construction of new stations or substations.

Opportunities for Shared Facilities

When necessary, the ECPD cooperates with the Imperial County Sheriffs Department for the provision of emergency back up services, but the two agencies do not currently share any facilities and would not share any facilities in the future.

Phasing

Table 4.4-1 below shows the numbers of sworn officers, non-sworn personnel, and patrol cars that would be required to meet the adopted service standards pursuant to projected population increase through the 2025 planning period.

Table 4.4-1 Police Department Demand

Year	Population	Officers	Non-Sworn	Patrol Cars
2005	39,348	55	28	28
2010	40,409	57	28	28
2015	41,447	58	29	29
2020	42,774	60	30	30
2025	44,282	62	31	31

As development occurs in the northern portion of the City and the City SOI, the City will open a substation in a central northern location to serve additional development in this area.

As development occurs in the southern portion of the City and the City SOI, the City will consider developing a station or substation to serve additional development in this area.

III. Funding

Current Funding

The ECPD receives money from the General Fund to finance operational and maintenance costs for facilities, equipment, and personnel. Revenue from user fees charged by the ECPD is paid into the General Fund and redistributed to the ECPD and other City facilities and programs.

Development impact fees are levied for ECPD facilities. Revenue generated by development impact fees are not placed in the General Fund, but are used for specific development and improvement projects for the ECPD.

Cost Avoidance Opportunities

While the ECPD cooperates with the Imperial County Sheriffs Department for the provision of as-needed emergency back up services, the two agencies do not currently share any facilities and would not share any facilities in the future. There are no substantial cost avoidance opportunities for the ECPD.

Recommended Funding

The ECPD will continue to receive funding from the General Fund.

A Cost Recovery Study has been prepared and is being reviewed by the City Finance Department. This study includes new or revised user fees for services performed by the ECPD. Increased user fees for the department would increase department contribution to the General Fund.

The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for ECPD service or facilities would increase funds available for large-scale development or improvement projects needed for the facilities of the ECPD.

The City also may consider the establishment of a community facilities district for the ECPD to centralize funding for the department and allow an efficient and effective means of financing department needs.

The City Finance Department has recently prepared a five-year financing plan for the improvement of ECPD staffing and equipment. This plan identifies fund from development impact fees paid for the Imperial Valley Mall project that will be made available to the ECPD.

Major ECPD projects, such as the renovation of existing stations or the construction of new police stations could necessitate the issuance by the City of bonds to private investors.

ECPD has recently applied to the U.S. Department of Housing and Urban Development for a Community Development Block Grant that would fund a position for a Crime Prevention and Community Service Officer. Should this funding be received, such officer would be assigned to the Community Center substation.

IV. Mitigation

In order for the City to assure adequate law enforcement service within its boundaries as development continues within the City boundaries and within the SOI, the City will implement the following measures.

- Continue the periodic review of number of calls and response times to determine the adequacy of existing service and any need for improvement or additional resources.
- In conformance with General Plan Public Facilities Policy 4.1, continue the periodic review of personnel, vehicles and equipment, and facilities to determine the adequacy of existing service and any need for additional resources.
- Establish a performance standard or performance goal for response times. An official standard for response time would enable the City and the ECPD to better analyze existing and future performance, determine the feasibility of service to areas that are proposed for annexation, and determine the need for additional resources.
- Pursue additional finances to fund additional personnel, equipment, and vehicles of the ECPD.
- Pursue additional finances to fund as needed repairs for the 11th Street station.
- Obtain additional sworn personnel, non-sworn personnel, and vehicles to meet the existing and future deficit of officers identified according to the performance standard.
- Continue to promote the volunteer officer program to aid in meeting staffing needs.

- When the ECPD is able to acquire additional personnel, the traffic enforcement unit will be instated. This would allow the ECPD to utilize existing vehicles before acquiring additional ones.
- Locate land in the northern portion of the City SOI for an additional station or substation to accommodate anticipated development. Adequate staffing must be available in order to open such a station.
- Locate land in the southern portion of the City SOI for an additional station or substation to accommodate anticipated development. Adequate staffing must be available in order to open such a station.
- Review existing development impact fees for ECPD services, identify necessary improvement to the current fee structure, and implement revised fee structure.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the ECPD user fee structure.

4.5 LIBRARY FACILITIES

The City owns and operates the El Centro Public Library system. This system includes two branches that are open to the public and used by a broad spectrum of community members. Services provided by the library include circulation of library materials such as books, magazines and video and audio recordings; reference service; internet access; word processing stations; copy machines; a publicly available conference room; children's reading programs; vocal, acting, and speaking workshops for children and adults; and tax preparation assistance for senior citizens.

I. Performance Standard

The City does not maintain a performance standard or performance goal for the operation of the public library. General Plan Public Facilities Goal 3 indicates the City's goal to ensure adequate, well-located library facilities that are equipped with books, reference materials, and educational devices to serve all City residents.

The City will consider establishing such performance standards or performance goals in order to better analyze the adequacy of existing and future resources and to determine the need for additional resources and staffing. Such a standard could be developed in terms of number of books, computers, or reader seats per 1,000 City residents. A library staffing standard could be developed, as well, in terms of number of staff members per 1,000 residents. A library facilities standard could be developed in terms of square footage of library building area per 1,000 residents.

II. Facility Planning and Adequacy Analysis

Inventory of Existing Facilities

The City maintains two branches of the public library system; the Main Branch of the El Centro Public Library, which is located on State Street east of 6th Street, and the Community Center Branch Library, which is located on South 1st Street, as shown in Figure 4.5-1. At these two locations, the library system owns a total of approximately 113,000 books, magazines, and audio/visual materials; and operates 23 public access computers for internet access or general word processing uses. A breakdown of the library features is provided below.

	Area (sf)	Books	Computers	Reader Seats
Main Branch	14,000	110,000	20	90
Community Center Branch	900	3,000	3	15
TOTALS	23,000	113,000	23	115

The library employs five staff members at the Main Branch and one staff member at the Community Center Branch. Two staff members are professional librarians, each holding a Masters Degree in Library Science.

Adequacy of Existing Facilities

The Public Facilities Element of the General Plan states that the Main Branch of the public library was constructed in 1910, and anticipates that renovation of the branch will be necessary as the building continues to age. The services, resources, and facilities of the public library system are currently not considered to be under excessive strain; however, according to a representative of the library, budget cuts and generally limited funding in recent years have caused the library system to reduce programs and limit staffing.

Future Demand for Facilities

Increased development within the City boundaries and the SOI will present an increased demand on the personnel, services, and facilities of the public library. As growth continues, the City will be presented with the need for expansion of the library system. The existing branches are centrally located in a high traffic area that is easily accessible to many City residents. The City may consider the expansion of the existing branches in order to increase service. New branches will also be necessary as growth continues on the outskirts of the existing boundaries, placing new residents further away from the existing facilities.

Expansion of the resident population will also present the need for additional books, computers, and reader seats.

Opportunities for Shared Facilities

Through inter-library loan programs, the library shares resources with other libraries in the region. The public library will continue to pursue this opportunity for shared facilities in order to keep costs down while providing acceptable services to City residents. Additionally, the library operates a publicly available conference room that is sometimes used for meetings and presentations associated with City administration.

Phasing

The existing City library branches are centrally located. As development continues in the outskirts of the existing City boundaries and within the City SOI, the City will need to develop one or more additional branches that would accommodate residents of the outlying area. In conformance with Public Facilities Element Policy 3.1, the future locations would be located near major activity centers such as retail areas to provide accessibility to the most residents.

The City's May 2004 CIP Report identifies the following projects for library facilities that are to be undertaken between 2004 and 2009. Most of the approved projects are improvements that will bring the library facilities into compliance with Americans with Disabilities Act (ADA) standards.

1. 2004 – Renovate Children's Wing at Main Branch.
2. 2005 – Remodel north entrance door at Main Branch to comply with ADA standards.
3. 2006 – Remove non-complaint disabled access ramp and construct new ramp that is complaint with ADA standards. Install handrails and modify top and bottom landing to comply with ADA standards.
4. 2006 – Remodel men's and women's restrooms to comply with ADA standards.

III. Funding

Current Funding

The El Centro Public Library currently receives funding from the City General Fund, the State Public Library Fund (PLF), and from the State via the California Library Services Act Transaction Based Reimbursement (TBR) program. Total operational income for the 2003 financial year was \$445,101. The breakdown in 2003 financial year funding is identified below.

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City General Fund:	\$397,950
PLF	\$36,381
TBR	\$10,391
TOTAL	\$445,101

The library has lost its PLF certification for 2004 and, as such, the library will not be eligible for PLF funding for the 2004 financial year.

Development impact fees are levied for library facilities. Revenue generated by development impact fees are not placed in the General Fund, but are used for specific library improvement projects.

The library also accepts private donations material and funding grants to offset the costs of operation and to implement improvement projects.

Per Capita Costs

Of the \$445,101 cost of operating the library in 2003, \$397,950 came from the City General Fund. Considering the City’s population of 37,835, the per capita cost to the City for operation of the library was approximately \$10.52, as detailed below:

\$397,950 General Fund budget / 37,835 residents = **\$10.52** per capita City library dollars

Future Funding Costs

Projecting the \$10.52 per capita library cost over the planning period for the SAP, the library would require approximately \$466,000 by 2025. This projection is in 2004 dollars, and does not account for inflation. Table 4.5-1 below shows the periodic breakdown of library demand over the planning period, according to the per capita cost.

Table 4.5-1 Library Finance Demand

Year	Population	Total Demand
2005	39,348	\$413,941
2010	40,409	\$425,103
2015	41,447	\$436,022
2020	42,774	\$449,982
2025	44,282	\$465,847

The City will continue to levy development impact fees for library facilities under the existing structure. The City Finance Department is planning to update the development impact fees structure in the near future to modify rates pursuant to anticipated needs for various City facilities improvements, including those of the library system.

According to a representative of the public library system, the library is currently under-funded. While the California State Library recommends that local libraries be allotted approximately five percent of local general fund dollars, the El Centro Public Library is currently allotted 3.8 percent of the total General Fund amount.

Future Funding Sources

The General Fund will continue to be the primary source of financing for the El Centro Public Library System. To augment the provision of General Fund dollars from the City, the library will continue to apply for all possible funding opportunities from the State, and will continue to accept donations of money or materials.

The City will continue to charge development impact fees for public library services. The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for library facilities would increase funds available for large-scale development or improvement projects needed for the facilities or services of the library.

IV. Mitigation

In order for the City to provide to its residents adequate library services and to assure that the library system is sufficiently expanded to accommodate growth within the City and the boundaries of the SOI, the City will implement the following measures.

- Continue to periodically review the facilities and personnel of the El Centro Public Library system through the preparation of annual reports. Such review will identify staffing and budgetary concerns as City growth continues to increase the demand on library facilities and staff.
- Establish library performance standards with which to analyze the adequacy of existing and future resources and to determine the need for additional resources and staffing. Such a standards may be developed in terms of number of books, computers, or reader seats per 1,000 City residents, number of staff members per 1,000 residents, and/or square footage of library building area per 1,000 residents.
- Continue to utilize General Fund revenue as the primary source of financing for the El Centro Public Library System. Review the allocation of General Fund finances in light of State recommendation that local libraries receive five percent of local general fund resources.
- Continue to apply for all possible library funding opportunities from the State.
- Re-apply for certification in the State PLF program.
- Review existing development impact fees for library services, identify necessary improvement to the current fee structure, and implement revised fee structure.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the library user fee structure.
- Continue to accept donations of money and supplies as a means of augmenting library services while conserving allocated finances.
- Implement library improvement projects included in the City's May 2004 CIP Report.

4.6 PARKS AND RECREATION FACILITIES

The City provides parks and recreation facilities to the public within its boundaries. Park facilities are provided by developers of residential property in accordance with Section 24, Article V of the City of El Centro Code of Ordinances. This ordinance was established in accordance with Section 66477 of the California Government Code (commonly known as the Quimby Act), which provides local jurisdictions throughout the State with the authority to establish provisions for the acquisition of parkland in association with new development. Payment of a park development fee is often accepted in lieu of land dedication. The acreage of land required for dedication is determined by the density of residential development dictated by the residential zoning designation applied to the site.

The Department of Parks and Recreation (DPR) is responsible for overseeing City park facilities and services. Parks within the City jurisdiction are used by the public for various recreational activities, and include such amenities as athletic fields, hard court playgrounds, open space areas, picnic areas, swimming facilities, gymnasias, and equestrian facilities. City parks often contain restrooms and irrigation systems that are maintained by the department.

In addition to operation and maintenance of facilities, DPR sponsors many youth and adult recreational programs at the City's park facilities. Existing programs include swimming lessons, day camps, and various educational and recreational activities offered at the community centers. Programs sponsored by the department are offered to the public and often entail a participation fee to help pay for funding.

I. Performance Standard

The Public Facilities of the General Plan presents a parkland standard for City parks and recreational facilities of three acres of developed public parkland per 1,000 residents. The General Plan Public Facilities Policy 1.3 also states City policy to maintain Statewide parks standards.

II. Facility Planning and Adequacy Analysis

Inventory of Existing Facilities

There are currently a total of approximately 85.0 gross acres of parkland within 13 park facilities within the City's jurisdiction. The following list presents the names and acreages of some of the City's parks, as shown in the General Plan Public Services Element and further described by a representative of DPR.

<u>PARK FACILITY</u>	<u>ACREAGE</u>
Adams Park	9.3 acres
Bucklin Park	20.0 acres
Carlos Aguilar Park	4.8 acres
Conrad Harrison Youth Center	[acreage unavailable]
Debbie Pitman Park	4.7 acres
Frazier Field	3.6 acres
Gomez Park	2.7 acres
Leeper Park	3.7 acres
Lotus Park	3.9 acres
McGee Park	5.3 acres
Stark Field	11.4 acres
Swarthout Field	15.5 acres
Wildflower Park	4.0 acres

The Lotus Park facility is part of the City's wastewater retention system and is not open to the public or otherwise usable as public park area. Therefore, this facility is not included in the total

acreage count of City parkland. A representative of DPR has indicated that the total net acreage of City parkland is slightly lower (approximately 78.0 acres) due to the existence of parking lots and circulation features on the sites. This study considers these features to be part of the parks, and parkland acreage discussed throughout should be assumed as gross acreage, not net acreage.

To administer and maintain the parks system, DPR currently employs eight full time staff members and 18 part-time staff members. Approximately 30 volunteers work for the department at various times throughout the year, as well. The administrative offices of DPR are located at 375 South First Street. DPR employs contracted companies for some maintenance work in City parks.

Adequacy of Existing Facilities

Applying the parkland standard, the City's current population of 37,835 would require a parkland area of 113.5 acres, which exceeds the existing parkland acreage of 85.0. Thus, the City operates with a parkland deficit of approximately 28.5 acres. The deficit was calculated as follows:

37,835 existing residents x 3.0 acres / 1,000 population = **113.5 acres**

85.0 existing acres – 113.5 demand acres = **28.5 deficit acres**

Future Demand for Facilities

The City currently operates at a deficit of parkland within its jurisdiction. In addition to the parkland required to meet current demands, future growth of the City will require acquisition of additional parkland to meet its performance standard. The projected 2025 population of 44,282 residents would necessitate 132.8 acres, or 47.8 additional acres of public parkland than currently exists in the City's jurisdiction. This future parkland demand was calculated as follows:

44,282 projected residents x 3.0 acres / 1,000 population = **132.8 acres**

132.8 future demand acres – 85.0 existing acres = **47.8 deficit acres**

Parkland is generally provided by developers as part of large residential or commercial developments within the City, and it is anticipated that this future demand would be met by such provision. DPR will also require funding throughout the planning period for maintenance and administration of the facilities and the various programs offered by the department. Demand for such funding will increase as additional parkland is developed and as existing parks experience increased utilization as a result of population growth within the City.

Opportunities for Shared Facilities

The City currently maintains mutual use agreements with the El Centro Elementary School District and the El Centro High School District for the use and maintenance of athletic field and park facilities associated with some of the districts' schools. Such joint parks are available to students of the districts and City residents alike. Whenever possible, DPR will maintain such existing relationships and will pursue similar relationships with these districts and other jurisdictions.

Phasing

Table 4.6-1 below presents a breakdown of parkland demand phasing over the SAP planning period.

Table 4.6-1 Parkland Demand

Year	Population	Total Demand	Difference
2005	39,348	118.0 acres	33.0 (deficit)
2010	40,409	121.2 acres	36.2 (deficit)
2015	41,447	124.3 acres	39.3 (deficit)
2020	42,774	128.3 acres	43.3 (deficit)
2025	44,282	132.8 acres	47.8 (deficit)

There are currently no plans for development of new facilities or expansion of existing facilities. To catch up to the existing parkland demand and to accommodate the anticipated population increase, the City will continue to require that new development include provision of additional public parks and recreational facilities to the maximum extent allowed by law, in accordance with Public Facilities Policy 1.2 of the General Plan. When developments are approved and processed within the City, particular attention should be paid to this policy and to Section 24, Article V of the City of El Centro Code of Ordinances in light of the fact that the City currently operates at a deficit of public parkland. Provision of adequate parkland meeting the City's existing and future demand will require strict adherence to these parkland provision requirements.

The City's May 2004 CIP Report identifies the following projects for DPR facilities that are to be undertaken between 2004 and 2009.

1. 2004 – City Plunge – Resurface pool deck.
2. 2004 – Conrad Harrison Youth Center – Install full-court outdoor basketball courts.
3. 2004-2005 – Swarthout Field – Install ADA-compliant playground equipment, rubber play surface, and new sprinkler system.
4. 2005-2006 – Adams Park – Renovate existing playground equipment, sprinklers, and landscaping; install new ADA-compliant equipment.
5. 2005-2006 – Bucklin Park – Replace old playground equipment and install ADA-compliant equipment. Install new sprinkler system. Pave south parking lot.
6. 2006 – Sunflower Park – Construct new baseball and soccer fields in partnership with the El Centro Elementary School District.
7. 2009 – Conrad Harrison Youth Center – Install new bleacher seating, drinking fountain, and bicycle rack at skate park. Reconstruct sprinkler system. Resurface tennis courts.

III. Funding

Funding for DPR comes mostly from the General Fund. Total operational income budgeted from the General Fund for the 2003 financial year was \$1,350,000. DPR receives occasional

grant money for the implementation of improvement projects. A development impact fee structure is also in place to fund parks and recreation improvement projects.

Per Capita Costs

Considering the City population of 37,835, the per capita cost to the City for operation of public parks and recreational facilities through DPR was approximately **\$35.68**, as detailed below.

\$1,350,000 General Fund budget / 37,835 residents = \$35.68 per capita DPR dollars

Future Funding Costs

Projecting the \$35.68 per capita DPR cost over the planning period for the SAP, DPR would require approximately \$1,579,982 by 2025. Table 4.6-2 below shows the periodic breakdown of DPR demand over the planning period, according to the per capita cost. It should be noted that this estimate does not account for inflation, and these figures represent demand in 2004 dollars.

Table 4.6-2 Park and Recreation Finance Demand

Year	Population	Total Demand
2005	39,348	\$1,403,937
2010	40,409	\$1,441,793
2015	41,447	\$1,478,829
2020	42,774	\$1,526,176
2025	44,282	\$1,579,982

Future Funding Sources

DPR will continue to obtain its funding primarily through the General Fund. To catch up to the existing parkland demand and to accommodate the anticipated population increase, the City will continue to require that new development include provision of additional public parks and recreational facilities to the maximum extent allowed by law, in accordance with Public Facilities Policy 1.2.

The City will continue to charge development impact fees for parks and recreation. The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for parks and recreation facilities would increase funds available for large-scale development or improvement projects needed for the facilities or services of DPR.

IV. Mitigation

In order for the City to provide to its residents adequate parkland that is efficiently managed and maintained as growth continues within the City and within the boundaries of the SOI, the City will implement the following measures.

- Continue to require the provision of parkland or the payment of a park development fee, in accordance with Section 24, Article V of the City of El Centro Code of Ordinances. In light of the current deficit of public parkland, particular attention should be paid to this requirement when developments are processed within the City. Provision of adequate parkland meeting the City’s existing and future demand will require strict adherence to these parkland provision requirements.

- Implement parks and recreation improvement projects included in the City's May 2004 CIP Report.
- Continue to periodically review the performance of DPR through the preparation of annual reports. Such review will identify staffing and budgetary concerns as the amount of City parkland continues to grow.
- Review existing development impact fees for DPR services, identify necessary improvement to the current fee structure, and implement revised fee structure.
- Review the Cost Recovery Study Findings prepared for the City in May 2003 and implement recommended improvements to the DPR user fee structure.

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4.7 CIRCULATION FACILITIES

The City is responsible for the development and maintenance of a system of public roadways and bicycle routes within their jurisdiction. The City's circulation system links to those of the State and the County, as facilities of these other jurisdictions traverse the City. Development of new roads or improvement of existing roads is often accomplished by private developers when physical improvement of the City's circulation system is deemed necessary due to anticipated increases in traffic from various development projects.

The General Plan includes a Circulation Element that discloses the City's goals, policies, and performance criteria with respect to the circulation system, that presents the minimum design standards for City streets, and that provides a Circulation Plan that shows the anticipated development of the system as growth occurs within the City. At the time of this SAP's publication, the City had begun the process of updating the Circulation Element to more accurately reflect major residential and commercial projects planned within the City limits and SOI boundaries and the roadway improvements that will be required to accommodate such growth.

I. Performance Standard

The Circulation Element of the General Plan identifies performance criteria for the various types of roadways found in the local system. The criteria, which are summarized below in Table 4.7-1, are based on the graded scale "level of service" (LOS) classification system. The LOS system quantifies the effective operation of a particular roadway by determining the average daily traffic (ADT) capacity and how changes in ADT affect roadway service. LOS A represents effective service with little traffic congestion, while LOS F represents ineffective service with a great deal of traffic congestion.

The Circulation Policy 1.3 states the City's goal of maintain a performance standard of LOS C for all roadways in the local circulation system. If a development project is anticipated to present traffic conditions in excess of this threshold, the project would be required to implement physical improvements that would address project-related traffic impacts to the circulation system.

Table 4.7-1 Circulation System Performance Criteria

Roadway Class.	Lanes	LOS A	LOS B	LOS C	LOS D	LOS E	LOS F
Freeway*	4	≤ 30,000	30,001-40,000	40,001-50,000	50,001-60,000	60,001-70,000	> 70,000
Primary Arterial*	4	≤ 14,800	14,801-24,700	24,701-29,600	29,601-33,400	33,401-37,000	> 37,000
Secondary Arterial	4	≤ 13,700	13,701-22,800	22,801-27,400	27,401-30,800	30,801-34,200	> 34,200
Two-lane Arterial	2	≤ 2,000	2,001-4,500	4,501-7,700	7,701-11,800	11,801-17,500	> 17,500
Collector	2	≤ 1,900	1,901-4,100	4,101-7,100	7,101-10,900	10,901-16,200	> 16,200
Residential Street	2	*	*	1,500	*	*	*
Residential or Cul-de-Sac Loop Street	2	*	*	200	*	*	*

* Freeways and certain primary arterials identified in the Circulation Element are not facilities of the City.
 ** LOS are not applied to residential streets since their primary purpose is to serve abutting lots, not carry through traffic. The number given for residential streets is a generally accepted ADT threshold for LOS C operation.

II. Facility Planning and Adequacy Analysis

Inventory of Existing Facilities

The circulation system within the City is oriented in a north/south and east/west grid system. The major circulation facilities located within City limits include one freeway and several highways that are operated by the State through the Department of Transportation (Caltrans).

The State facilities traversing the City are Interstate 8, State Route 86, State Route 80, and State Route 31. State Route 111 is outside of the City limits, but currently serves as the eastern boundary of the City's SOI. Interstate 8 is independent of City streets but includes on-ramps and off-ramps at Imperial Avenue, 4th Street, and Dogwood Avenue. Unlike Interstate 8, the State Routes within the City boundaries are intertwined with the grid of City-operated roadways. While the City is not responsible for maintaining these State roadways, upkeep and adequate circulation on such facilities affects traffic throughout the City-operated system.

City-operated roadway facilities include principal arterials, secondary arterials, two-lane arterials, collector streets, residential streets, and alleys. Principal and secondary arterials are typically four-lane roadways, with principal arterials having wider dimensions and the ability to accommodate more trips than secondary arterials. Two-lane arterials can be principal or secondary arterials that have only two lanes rather than the designed four lanes. Residential lots do not usually have direct access onto City-maintained arterials. Collector roads include residential streets, residential loop streets, and cul-de-sacs. Collectors are usually two-lane roads that are smaller than arterials. Their primary purpose is to collect and distribute traffic to and from major highways and larger local streets. Residential streets and alleys provide direct access to property by local traffic, and are not meant to serve through traffic. At one time, alleys were required within all residential, commercial, and industrial development in the City. This is no longer the case, but the City plans to maintain the existing alley network.

The City operates and maintains signalized and unsignalized intersections that control the flow of traffic their circulation system.

Adequacy of Existing Facilities

The City last assessed traffic conditions within its boundaries in 2003 as part of the General Plan process. City circulation facilities were found to generally operate at acceptable levels. Levels of service are also determined during the environmental review processes for individual projects proposed within the City.

The existing circulation system is adequate to accommodate the current needs of the City in that paved roadways properly link existing residential, commercial, and industrial development. As discussed in detail below, the City has determined the need to implement circulation system improvements in the El Dorado Colonia area and along Ross Avenue. The former would accommodate anticipated development, and the latter would solve existing traffic congestion and possible unsafe conditions along existing roadways. In addition to these improvement projects under consideration, extension of roadways and creation of additional roadways will be needed as development continues to occur within the City limits and SOI boundaries.

Future Demand for Facilities

As residential, commercial, and industrial development continues within the City boundaries and SOI, the City will need to continue to upgrade and improve existing roadways and create new roadways in order to maintain a service level that is in keeping with the goals established in the General Plan. The City has reviewed anticipated demands of increased traffic according to the three development tiers and has created the Circulation Master Plan, which is shown here as Figure 4.7-1. The pending update for the Circulation Element would revise the Circulation Master Plan to show improvements necessary to accommodate newly planned growth within the City limits and SOI boundaries.

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In addition to the Circulation Master Plan that is proposed to handle the buildout traffic within the development tiers, the Circulation Element of the General Plan includes two specific roadway improvement programs that the City has identified for implementation. These projects, which are detailed below, are large-scale improvements that would be undertaken by the City to meet their goals of providing safe and efficient circulation to City residents. The City has also approved specific capital improvement projects, which are listed below under the "Phasing" heading in this section.

El Dorado Colonia Circulation System

The General Plan Land Use Element identifies El Dorado Colonia as an area that would benefit from redevelopment. This area is listed as a Tier 1 Growth Area slated for Low Density Residential development. The colonia is currently bisected by the east/west streets of El Dorado Avenue and Pico Avenue and the north/south streets of 12th Street and 8th Street. In order for development to occur within this area, a street system connecting to the surrounding grid system needs to be constructed. The Circulation Element shows a plan to extend five east/west residential streets and one north/south street through the colonia to serve future residences. This project is multi-phased. Construction of Phase I began in 2003.

Ross Avenue Traffic Calming

The segment of Ross Avenue between La Brucherie Avenue in the west and 4th Street in the east currently serves a dual role of accommodating east/west through traffic and providing direct access for residential units located along Ross Avenue. Concerns regarding the safety of this street and the quality of life of its residents has lead the City to consider traffic calming improvements for the roadway. The City is considering various solutions that would restrict or slow through traffic by means of such features as barriers, turn prohibitions, and speed humps. The Circulation Element states that a detailed study would need to be performed to assess the best solution for the City and its residents prior to implementing any measures.

Opportunities for Shared Facilities

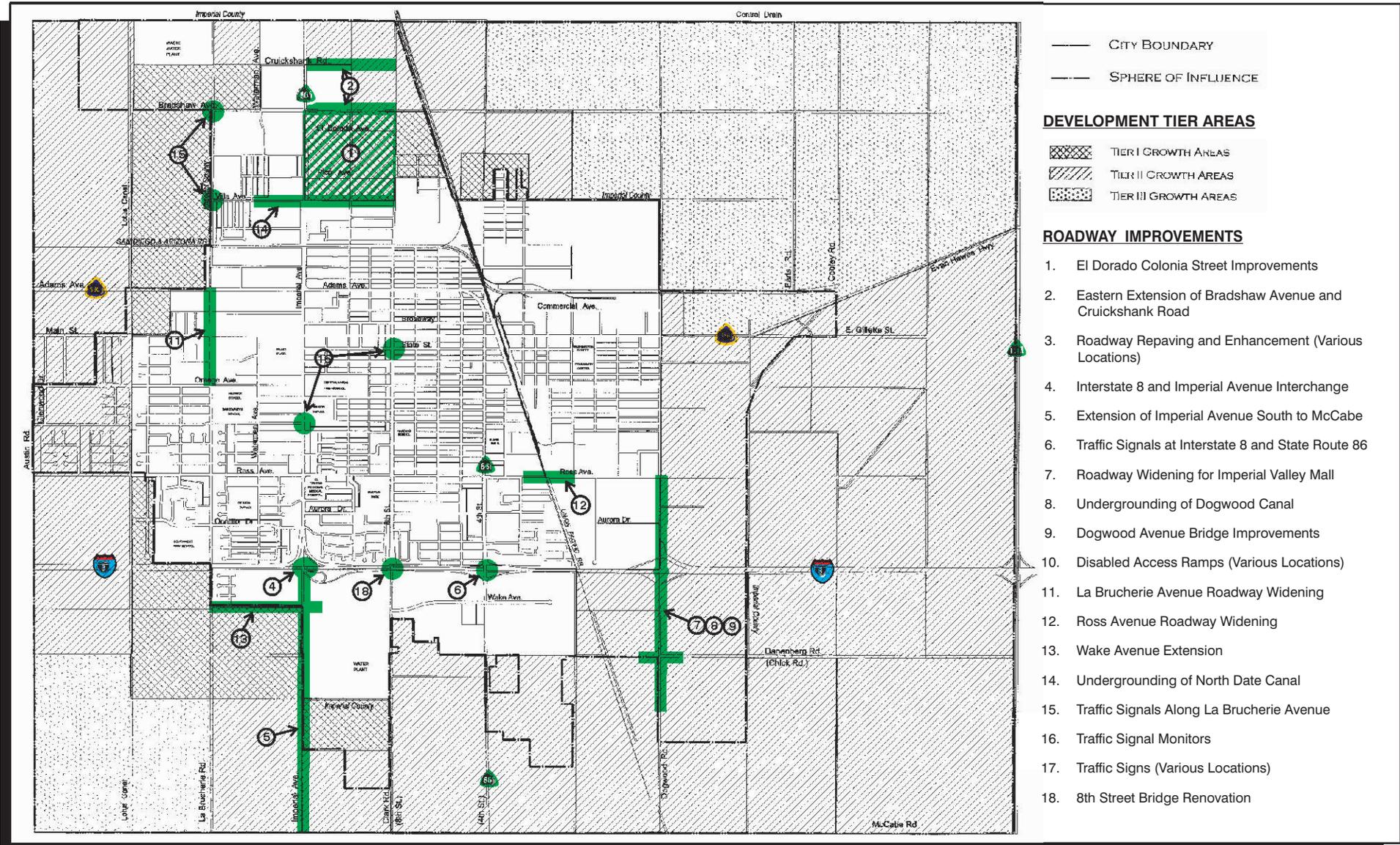
While there are no real opportunities to share roadway facilities with any adjacent jurisdiction, the City's system does not exist independently, and circulation within and through the City is mutually affected by the operation of the State and County circulation system. In order to maintain the best possible circulation within City limits, throughout the SOI, and within the County and the greater region as a whole, the City will continue to cooperate with the State, the County, and adjacent cities in monitoring the operation of the regional system and the implementation of necessary improvements. In accordance with General Plan policy, the City will also continue to cooperate with the Imperial Valley Association of Governments to ensure that adequate bus service is available for all segments of the community.

Phasing

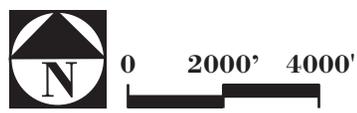
Improvement of the City's circulation system will occur as needed in concurrence with development. The City will continue to require of developers the necessary roadway and intersection improvements to account for project-related trips and congestion. Necessary roadway infrastructure would be installed prior to the completion of development projects.

The City has prepared a CIP Report that identifies City projects that are to be undertaken between 2004 and 2009. The following is a list of such projects, as identified in the CIP Report. The locations of approved improvements are shown on Figure 4.7-2.

1. El Dorado Colonia Street Improvement: Install off-site improvements to the El Dorado Colonia, including installation of curbs and gutters, creation of asphalt right-of-ways, and relocation of utilities.
2. Eastern Extension of Bradshaw Avenue and Cruickshank Drive: Extend Bradshaw Avenue and Cruickshank Drive between 12th Street and 8th Street.
3. Roadway Repaving and Enhancement: Slurry and overlay several unspecified roadways within the City.
4. Interstate 8 and Imperial Avenue Interchange: Design and construct bridge improvements at the interchange to allow for development of Imperial Avenue south of Interstate 8.
5. Extension of Imperial Avenue South to McCabe: Design and construct the extension of Imperial Avenue south of Interstate 8 to McCabe Road.
6. Traffic Signals at Interstate 8 and State Route 86: Widen the off ramps of Interstate 8 at State Route 86 (4th Street) and install traffic signals.
7. Roadway Widening for Imperial Valley Mall: The following are specific improvements that serve the new mall and that will allow for additional growth south of Interstate 8 in the vicinity of Dogwood Avenue.
 - Widen Dogwood Avenue from Ross Avenue to ½ mile south of Danenberg Drive and Chick Road.
 - Widen the intersection of Danenberg Drive and Chick Road by 1000 feet east and west of Dogwood Avenue.
 - Install signals at the Interstate 8 off ramp at Dogwood Avenue.
 - Install signals at the intersection of Dogwood Avenue, Danenberg Drive, and Chick Road.
 - Install signals at the intersection of Dogwood Avenue and approximately 1000 feet south of the Danenberg Drive and Chick Road intersection.
8. Undergrounding of Dogwood Canal: Underground the Dogwood Canal adjacent to Dogwood Avenue south of Interstate 8.
9. Dogwood Avenue Bridge Improvements: Begin engineering and design to widen the Dogwood Avenue overpass of Interstate 8 to four lanes.
10. Disabled Access Ramps: Repair, replace, and install disabled access ramps at unspecified curb and intersection locations throughout the City.
11. La Brucherie Avenue Roadway Widening: Widen La Brucherie Avenue from Adams Avenue to Orange Avenue.
12. Ross Avenue Roadway Widening: Acquire right-of-way and widen Ross Avenue between 1st and 3rd Street and align the railroad crossing with Ross Avenue.
13. Wake Avenue Extension: Engineer, design, acquire right-of-way, and construct Wake Avenue between 12th Street and La Brucherie Avenue.
14. Undergrounding of North Date Canal: Underground the North Date Canal along Villa Avenue from 17th Street to 8th Street.



SOURCE: City of El Centro, Cotton/Bridges/Associates, February 2004; City of El Centro Capital Improvement Project Report



Roadway Improvement Projects

Figure 4.7-2

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15. Traffic Signals along La Brucherie Avenue: Install traffic lights at La Brucherie Avenue's intersections with Villa Avenue and Bradshaw Avenue.
16. Traffic Signal Monitors: Install traffic monitoring cameras at the intersection of Imperial Avenue and Hamilton Avenue and the intersection of 8th Street and State Street.
17. Traffic Signs: Install signs for street names, radar feedback, and directional indicators at unspecified locations throughout the City.
18. 8th Street Bridge Renovation: Design, engineer, and construct improvements to the 8th Street overpass bridge over Interstate 8.

III. Funding

Funding for circulation improvements comes from a variety of sources. Local funding sources include development impact fees and the Local Transportation Authority, the latter of which entails a one-half of one percent sales tax increase that was approved for a 20-year duration by the voting public in 1989. General Fund monies are not used to fund circulation and roadway improvement projects.

Development impact fees are levied for circulation facilities. Revenue generated by development impact fees for roadways are placed in a separate fund and are used for specific circulation system and roadway improvement projects.

Because many City facilities are closely related to traffic circulation on State-maintained facilities, funding costs for City programs may be shared by the State through financing programs administered by the State Transportation Commission or Caltrans. A percentage of the State gasoline tax is allocated to the City for use in traffic improvement projects. The following list identifies additional State funding programs to which the City may apply.

- State Transportation Improvement Program (STIP): Funds from this program are allocated for specific projects by a joint decision of Caltrans and the Imperial Valley Association of Governments.
- Hazard Elimination Safety (HES) program: Funds from this Caltrans-administered program may be applied to specific projects that are intended to correct or substantially improve an existing safety hazard.
- Transportation Development Act – Article 3: Article 3 funds are granted by the State Transportation Commission for specific projects related to pedestrian, bicycle, and wheelchair mobility.

The City also receives federal funding for roadway improvements from such sources as the Regional Surface Transportation Program and Community Development Block Grants.

IV. Mitigation

In order for the City to maintain adequate circulation and provide roadways that are sound and efficient, the City will implement the following measures.

- Implement circulation system improvement projects included in the City's May 2004 CIP Report.

- Continue to periodically review the list of approved roadway capital improvement projects slated for implementation by the City to determine project status, need for revision of the program schedule, and budgetary needs.
- Review the existing development impact fees schedule for circulation and roadway projects, identify necessary improvement to the current fee structure, and implement revised fee structure.

4.8 WASTEWATER FACILITIES

The following section of the SAP contains information published in the City of El Centro Water and Wastewater Master Plan Amendment, which was prepared for the City by Nolte Associates, Inc. in March 2004. A copy of the Water and Wastewater Master Plan Amendment is included as Appendix B to this SAP.

The City owns, operates, and maintains a system of wastewater collection pipelines, pump stations, and treatment facilities that serves approximately 8,000 residences, businesses, and public facilities within the City and the City SOI. Facilities within this system are developed and maintained by the Department of Engineering and the Department of Public Works.

I. Performance Standard

In general, the City's goal in the operation and maintenance of its wastewater facilities is to provide adequate service to every customer. The City utilizes several engineering criteria for determining the adequacy of existing wastewater facilities and the need for improvements to the system. These criteria, which are presented below, consider the accommodation of flow volume and velocity, lift station capacity, and technical specifications that assure a properly designed system.

Pipeline velocity

Min. in gravity pipelines (peak hour flow)	2.5 ft per sec (fps)
Min. forcemain velocity	2.0 fps
Max. forcemain velocity	7.0 fps

Design flow depth

8-15" pipeline	½ pipe diameter
>15" pipeline	¾ pipe diameter
Max. manhole spacing (diam. <30")	400 ft
Max. manhole spacing (diam. >30")	500 ft
Pipeline service life	40 years

Lift stations

Min. capacity	2 x peak hour flow
Min. storage	4 hrs of peak flow

Minimum pipe slope

8" diameter	0.004
10" diameter	0.003
12" diameter	0.0022
15" diameter	0.0018
18" diameter	0.0015
21" diameter	0.0012
24" diameter	0.0009

II. Facility Planning and Adequacy Analysis

Inventory of Existing Facilities

The City wastewater facilities include collection pipelines that carry wastewater from residences and businesses to the Wastewater Treatment Plant located in the northern portion of the City along La Brucherie Avenue between the Central Drain and Cruickshank Drive. Treated water is carried east and discharges into the New River. Pipelines in the City's system include gravity lines of 12" through 30" in diameter and force main lines of 6" to 27" in diameter. The City operates 10 pump stations within the collection system, including a station at the treatment

facility and the recently constructed Orange Avenue Regional Lift Station. The major components of the City's existing wastewater system are shown in Figure 4.8-1.

At the time that the Water and Wastewater Master Plan Amendment was being prepared, the City was implementing the Alder Trunk Sewer Mains and Lift Stations Project. This project includes the installation of gravity pipelines 18-36" in diameter, two pump stations, and one forcemain located in the northern portion of the City.

The City maintains an agreement with the County that limits the acreage of development south of I-8 that would contribute flow to the gravity pipeline along La Brucherie Avenue to 900 acres.

Adequacy of Existing Facilities

The Wastewater Treatment Plant has the capacity to accommodate eight million gallons per day (mgd). Current generation from City wastewater customers averages approximately four mgd, and existing peak flow is approximately six mgd. The treatment plant has adequate capacity to handle existing flows, and because the facility is operating at approximately 50 percent capacity, no expansions to accommodate additional capacity are planned.

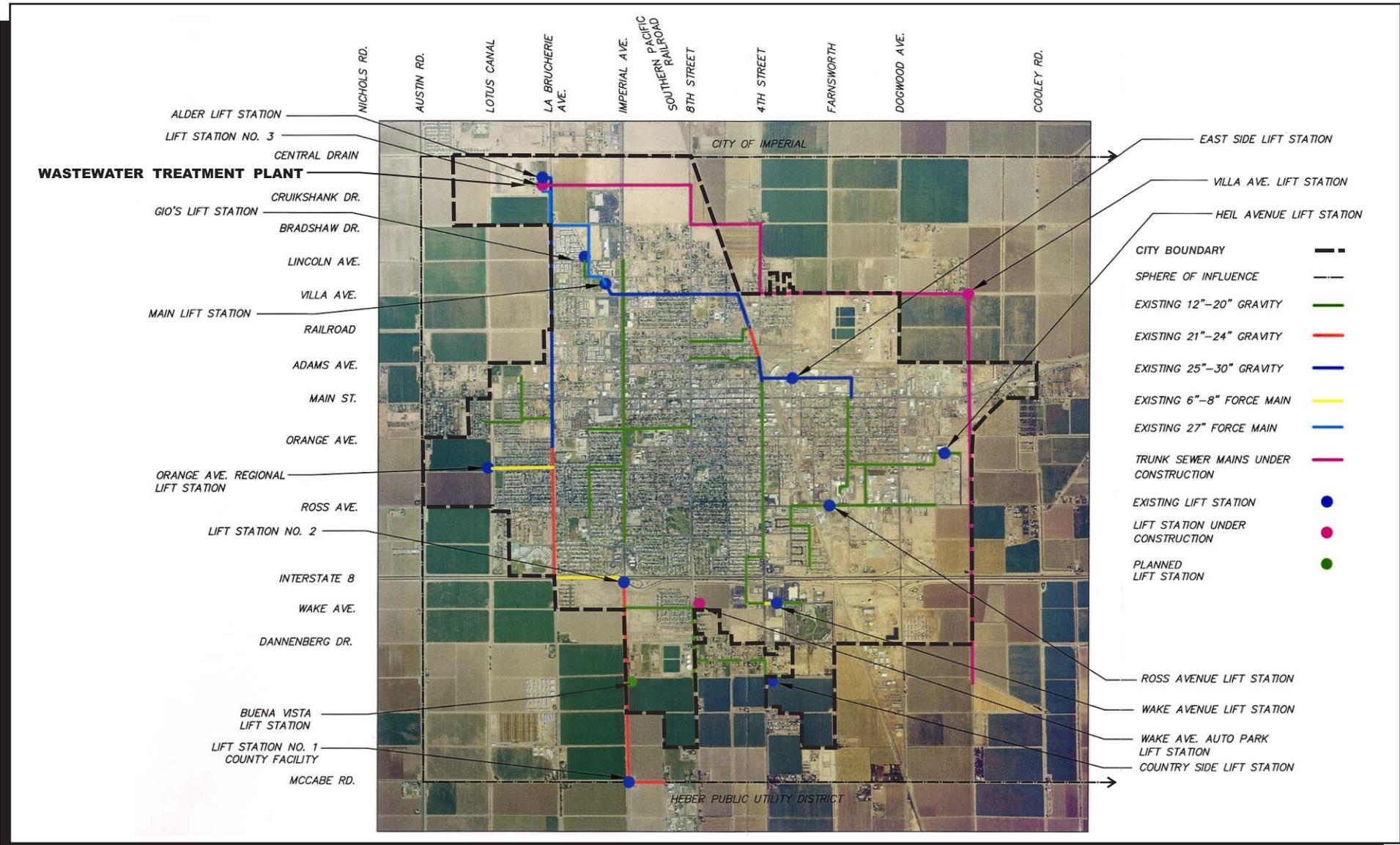
The Nolte study indicates that much of the City's wastewater collection system was built several decades ago and certain portions of the system do not have much excess capacity. At the time of publication of this SAP, substantial improvements to the system were under construction in the northern, eastern, and southern portions of the City in order to modernize the system and create additional capacity to handle existing flows.

Future Demand for Facilities

In preparing the Water and Wastewater Master Plan Amendment, Nolte reviewed the projected development within the City and the City SOI and estimated the demand on the City's water system that the projected development would entail. Future demands were broken out into three planning periods according to General Plan and UDP projections and discussions with staff members of the Planning Department and Department of Public Works. The planning periods are 2005 through 2009, 2010 through 2014, and the "full buildout" scenario. Nolte Associates determined that the full buildout scenario, which includes full development of the City and Tiers I-III of the UDP, would not occur until at least 2019. (While this SAP did not place a time frame on full buildout development, Mooney & Associates concurs that full buildout is not likely occur prior to the 2019 date assumed by Nolte Associates. It should be noted that Mooney & Associates determined that development within the Tier I areas would accommodate the population projected by SANDAG for 2025.)

The City of El Centro Code of Ordinances (City Code) maintains regulations pertaining to the provision of wastewater service to new developments within City boundaries. Adherence to the following City Code language will ensure that future developments will be adequately served.

- Chapter 24, Article III, Section 24-15: "a tentative map filed as provided in this article shall be accompanied by reports and written statements from the subdivider giving essential information regarding...sewage disposal [and the] proposed method of sewage disposal."
- Chapter 24, Article III, Section 24-20(c): after a public hearing on the proposed tentative map, "the planning director shall prepare a report incorporating input from the city engineer, health officer, fire marshal, other appropriate city and county departments, and public utility districts and companies with respect to the design of the proposed



SOURCE: Nolte Engineering



Not to Scale

City of El Centro Existing Main Trunk Sewer Pipelines, Lift Stations, and Force Mains

Figure 4.8-1

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subdivision as well as the kind, nature, extent and timing of the proposed improvements, including but not limited to street, sewer, water, school and fire protection. The report shall include a recommendation of denial, approval or conditional approval. If the recommendation is for conditional approval, the report shall include recommendations of conditions of approval.”

2005 through 2009

The Water and Wastewater Master Plan Amendment assumed that growth within the 2009 planning horizon would consist mostly of single-family residences and commercial facilities. Projects projected within this timeframe include Country Side, Buena Vista, Farmer Estates, Wildflower, Santa Rosa, Renaissance, the Wake Avenue Auto Park, Northgate Plaza, Imperial Valley Mall, WalMart Supercenter, El Centro Town Center, Arlington King Subdivision Industrial Park, and the United States Courthouse. Additional average daily wastewater generation estimated for these developments is 881,420 gallons per day (gpd) and additional peak hour wastewater generation would be 1,783,860 gpd, which, according to Nolte Associates is a substantial increase in generation. Most of the near term development is to occur near existing facilities and pipelines that have adequate capacity to accommodate the anticipated growth. The proximity of development to existing facilities reduces the need for major construction of wastewater facilities in the near term. Improvements that are proposed within this timeframe are discussed below.

2010 through 2014

Nolte Associates assumed that Tier II development as outlined in the UDP would occur between 2010 through 2014. Development for this timeframe consists mostly of single- and multi-family residences in the western and southern portions of the City and the City SOI, and industrial development in the northern and eastern portions. Average daily wastewater generation for this development phase is estimated at 2,664,100 gpd and peak hour wastewater generation is estimated at 4,624,140 gpd. Nolte has determined that all development within this phase would be accommodated by improvements that are currently being implemented and that would be implemented during the 2005 through 2009 phase.

Full Buildout

Nolte Associates notes that low density housing that is planned to surround the City and minor industrial and commercial developments within the eastern portion of the City SOI will present additional demand on the City’s water system during the full buildout timeframe. The study also assumes that residential development will eventually occur beyond the existing western limits of the City SOI boundaries and that, at some point in the future, the City would need to extend its wastewater services further west to assure the provision of services for this growth. The City does not at this time intend to extend its SOI boundaries as such, but the City shall continue to periodically review their boundaries and SOI boundaries and modify the boundaries as deemed necessary in the future.

The full buildout period assumed by the study represents a large amount of growth that would greatly increase demand on the wastewater system. Estimated average daily wastewater generation resulting from development within this timeframe would be 8,827,900 gpd and the additional peak hour wastewater generation would be 17,529,700 gpd. This additional demand would result in a need for additional facilities, as discussed below.

Table 4.8-1 below shows a comparison of the existing wastewater generation within the City with that of the three development timeframes assumed by the Nolte Associates study. It

should be noted that the methodology used by Nolte Associates for projecting growth within the City and the City SOI varied slightly from that used throughout this SAP. While Nolte Associates utilized the full buildout of Tiers I-III of the UDP when estimating projected development that would occur sometime after 2019, Mooney & Associates has assumed throughout the SAP that projected 2025 population would be accommodated by the buildout of the Tier I development area of the UDP. As a result, the figures presented in the table below should be considered conservative when compared to the growth projections discussed throughout the rest of the SAP.

Table 4.8-1 Anticipated Wastewater Generation

	Avg. Daily Generation (gpd)	Peak Hour Generation (gpd)
Existing	4,000,000	6,000,000
2005-2009	4,881,420	7,783,860
2010-2014	6,664,100	10,624,140
Full Buildout	12,827,900	23,529,700

Source: Nolte Associates

The La Brucherie trunk sewer line has adequate capacity to serve future development in the southwestern portion of the service area. However, other trunk sewers generally do not have available capacity to serve future development outside of the existing service area. CIP projects are being constructed by the City, including the Alder Sewer project, which by 2005 should provide adequate wastewater capacity for anticipated future demands.

It is anticipated that provision of wastewater collection to the ultimate service area will require additional treatment capacity and extension of the wastewater collection and transmission system. The existing wastewater treatment plant is expandable to 200 mgd, which is anticipated to be adequate treatment capacity for future demand.

In addition, all new development is allowed to occur outside of the existing wastewater service area only if the developer or the City provides new wastewater services, primarily trunk sewers.

Opportunities for Shared Facilities

The City does not share wastewater treatment, storage, or distribution facilities with other jurisdictions, and there is no opportunity to share such facilities.

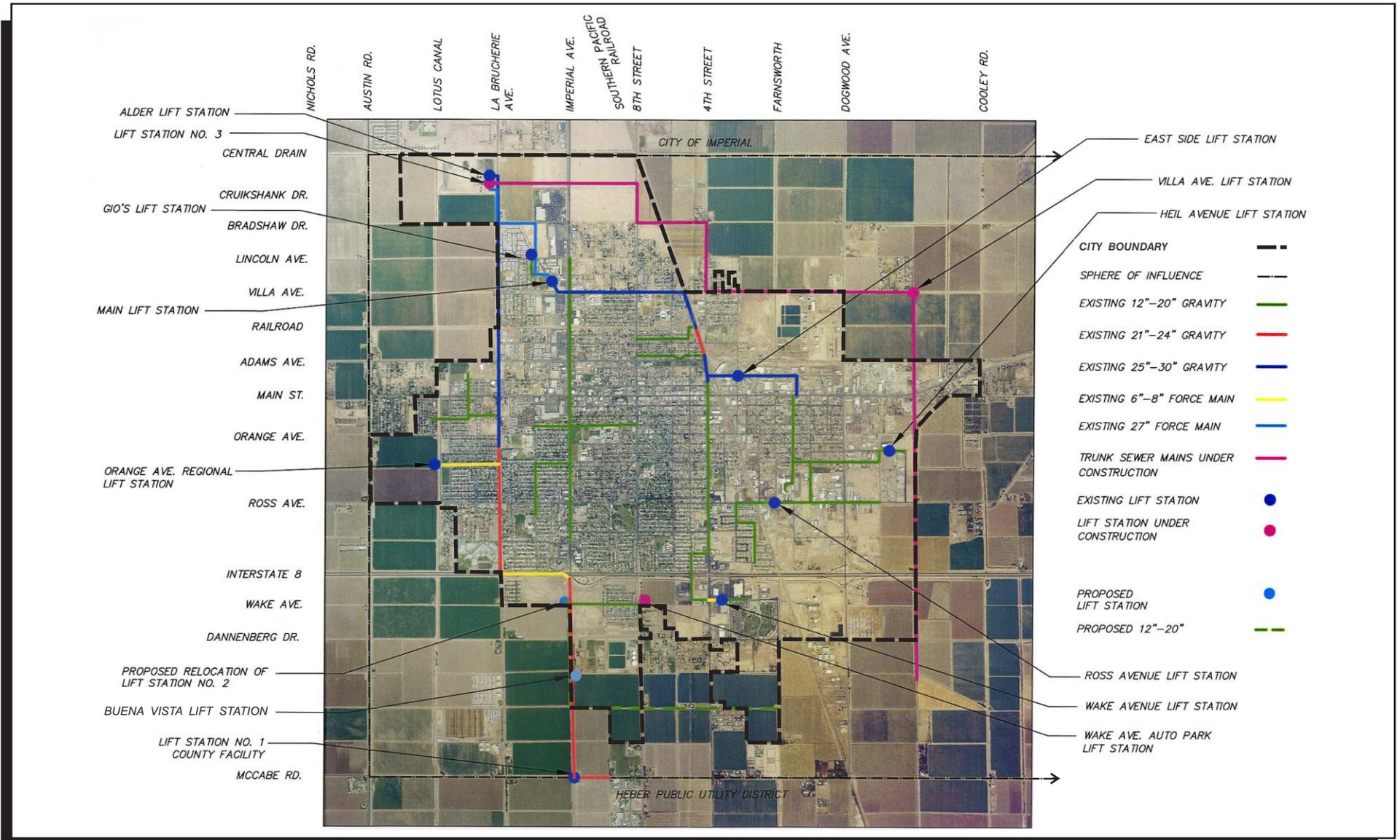
Phasing

The following discussion is based on recommendations included in the Nolte Associates Water and Wastewater Master Plan Update.

2005 through 2009

All of improvements recommended in the Water and Wastewater Master Plan Update for completion during this timeframe would be implemented south of I-8. The improvements are listed below and are shown in Figure 4.8-2.

- Construct a regional lift station at the relocated Lift Station No. 2, near the intersection of Imperial Avenue and Wake Avenue



SOURCE: Nolte Engineering



Not to Scale

City of El Centro Wastewater System Improvements: 2005 Through 2009

Figure 4.8-2

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- Construct a 12-20" gravity pipeline along Imperial Avenue between Wake Avenue and McCabe Road, and along McCabe Road between Imperial Avenue and Farnsworth Lane Road

All of the proposed improvements would be conducted within the City's SOI boundaries. The proposed location of the lift station is within the boundaries of the City. Portions of the proposed pipeline are within the City boundaries and portions are outside the City boundaries.

The May 2004 CIP Report includes improvements to the wastewater system that are to be implemented between 2004 and 2009. The CIP Report includes one large-scale project for completion in 2009 that is not included in the Nolte Associates study. Dubbed the "Lotus Sewer Line," this project would install a new wastewater line to provide service to the western portion of the City. The CIP report also identifies smaller projects to provide sludge drying beds and disinfective materials, remodel the department's laboratory and office area, install new perimeter fencing surrounding certain plants, and reline several underground wastewater lines.

2010 through 2014

No improvement projects are recommended within this timeframe.

Full Buildout

Nolte Associates recommends improvements during this timeframe to extend service to new customers. Some of the improvements would extend beyond the City's existing SOI boundaries. It is assumed that the City would extend its SOI boundaries east and west in anticipation of future growth. The recommended improvements are listed below and shown in Figure 4.8-3.

- Construct one regional pump station in the vicinity of the Austin Road/Dannenberg Drive intersection
- Construct a forcemain and a trunk sewer along Nichols Road
- Construct a new or expand an existing lift station at the wastewater treatment facility
- Extend a trunk sewer east along Cruickshank Drive from the Alder Sewer toward Cooley Road

III. FUNDING

The Water and Wastewater Master Plan Update includes estimates of the funding costs for wastewater system improvements anticipated during each of the timeframes considered in the study. Nolte Associates also prepared a Water and Wastewater Rate Study that determined the adequacy of the existing rate structure charged to City customers for wastewater service and recommended rate changes and other revenue sources to pay for wastewater facilities. A copy of the Water and Wastewater Rate Study is included as Appendix C of this SAP.

The wastewater system is one of the City's largest, most complex, and most expensive responsibilities. To fund wastewater projects and maintenance, the City charges fees to its customers according to a periodically updated rate schedule and to developers as projects are constructed. Revenue accrued by such billing is also placed in the General Fund to help finance personnel, maintenance, and improvement needs in other City departments.

The City anticipates that financing for the proposed wastewater projects would come from revenue bonds, Wastewater Capacity Fees, redevelopment funds, and future bond insurance. The City receives Wastewater Capacity Fees when it charges developers for connection of new

projects and developments to the existing City facilities. Revenue bonds are debt certificates offered to investors and repaid from revenue generated by the improvement projects that they fund. For instance, revenue bonds offered for wastewater improvement projects would be repaid by money charged to wastewater system users and paid into the Wastewater Capacity Fee fund once the relevant improvements are functioning.

Operations, maintenance, salaries, and equipment purchases are funded by the City's Wastewater Enterprise Fund. The City receives money in this fund by charging connection fees, maintenance fees, and interest to its wastewater customers. This fund is separate from the Wastewater Capacity Fee Fund and is not used to finance the engineering or construction of major improvement projects.

According to a representative of the Department of Public Works, the wastewater division of the department had an annual operating expense of approximately **\$3,484,000** in 2003. This figure includes approximately \$1,483,000 for personnel services, \$1,245,000 for supplies and services, and \$755,000 for general administrative costs.

Per Capita Costs

Assuming a City population of 37,835, the per capita operating cost is approximately \$92.08. This is a conservative estimate, as the City's wastewater system currently serves residences and businesses outside of the City boundaries and the population of the wastewater service area has not been calculated. The calculation for per capita costs is detailed below.

\$3,484,000 operating costs / 37,835 residents = **\$92.08** per capita City wastewater costs

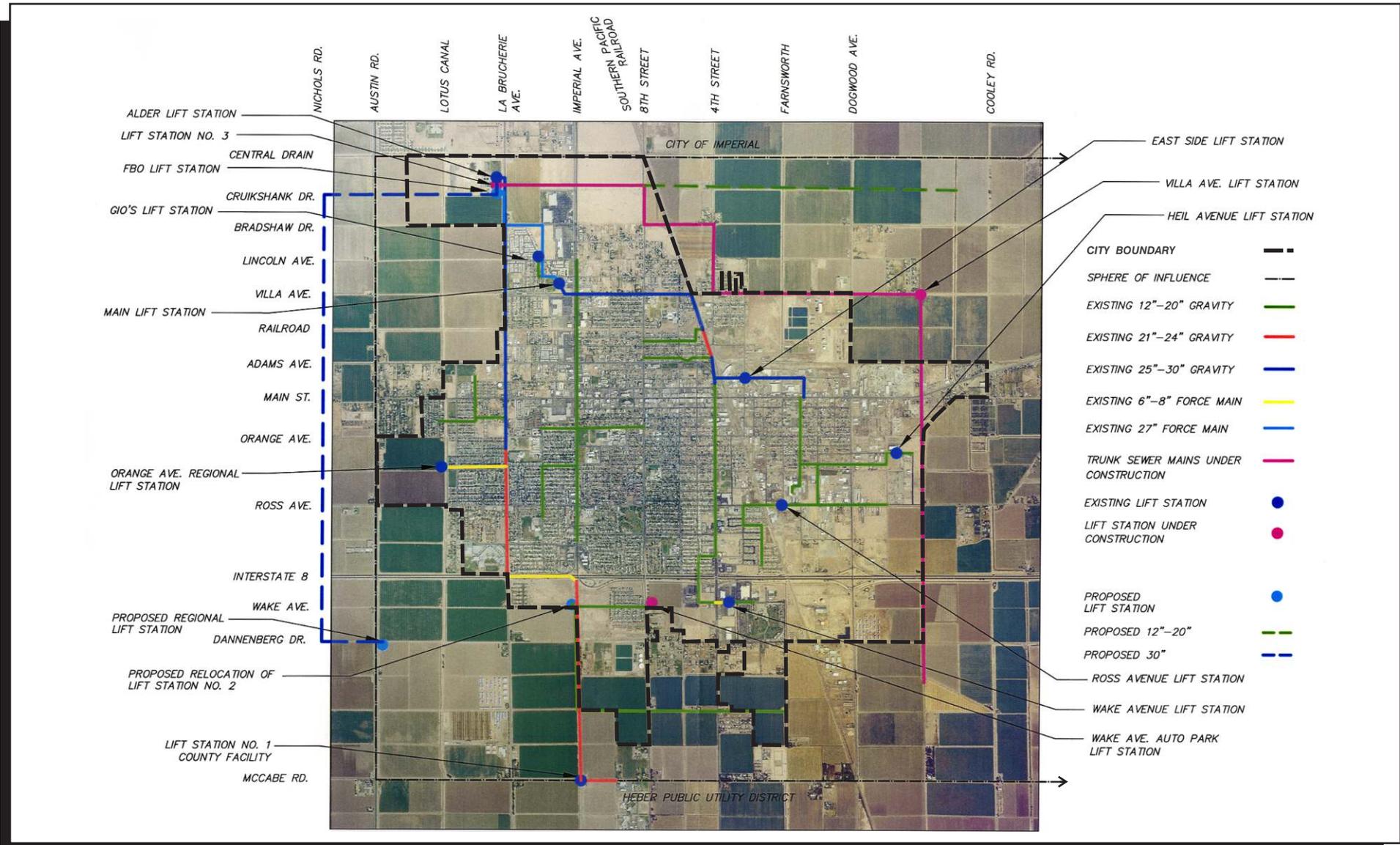
Future Funding Costs

Table 4.8-2 below lists the anticipated costs of the recommended improvements, broken out by each development phase. The following expenses would be funded using the City's Wastewater Capacity Fee Fund. These estimates do not include maintenance, personnel, and administration expenses that would be covered by the Wastewater Enterprise Fund, as detailed below.

Table 4.8-2 Estimated Wastewater Improvement Costs

2005-2009 Improvements	
Relocate Lift Station No. 2	\$1,200,000
Forcemain from Lift Station No. 2	\$320,000
18" Gravity Line along Imperial Ave.	\$600,000
18" Gravity Line between Imperial Ave. and Farnsworth Lane Rd.	\$1,200,000
Total for 2005-2009	\$3,320,000
Full Buildout Improvements	
Regional Lift Station at Dannenberg Drive and Austin Road	\$1,500,000
Forcemain from Lift Station under I-8	\$1,320,000
30" pipeline along Nichols Road	\$3,300,000
30" pipeline along Cruickshank Drive	\$1,000,000
Lift Station at Treatment Plant	\$1,250,000
18" pipeline along Cruickshank Drive	\$1,027,000
Total for Full Buildout	\$9,397,000
Total Estimated Improvement Cost	\$12,717,000

Source: Nolte Associates



SOURCE: Nolte Engineering



Not to Scale

City of El Centro Wastewater System Improvements: Full Buildout

Figure 4.8-3

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Nolte Associates anticipates that it would cost approximately \$12,717,000 dollars to engineer and construct the improvements recommended for the City wastewater system. This estimate is in 2004 dollars, and does not account for inflation. The estimate also does not account for maintenance of the existing facilities, including personnel and materials, which will present an ongoing cost to the City in the coming years.

Projecting the \$92.08 per capita wastewater cost over the planning period for the SAP, the operating expenses financed by the Wastewater Capacity Fee Fund would be approximately \$4,077,487 by 2025. This projection is in 2004 dollars, and does not account for inflation. Table 4.8-3 below shows the periodic breakdown of wastewater operations demand for finances over the planning period, according to the approximate per capita cost determined above.

Table 4.8-3 Estimated Wastewater Operations Demand

Year	Population	Total Demand
2005	39,348	\$3,623,164
2010	40,409	\$3,720,861
2015	41,447	\$3,816,439
2020	42,774	\$3,938,630
2025	44,282	\$4,077,487

IV. MITIGATION

In order for the City to assure adequate service to its wastewater customers as development continues within the City boundaries and within the SOI, the City will implement the following measures.

- Implement improvement projects recommended in the Water and Wastewater Master Plan Amendment, as funds become available and as deemed necessary by the Director of the Department of Public Works.
- Implement wastewater system improvement projects included in the City's May 2004 CIP Report
- Continue to periodically review the wastewater rate and financing structure to assure adequate funding for the implementation of new projects and the maintenance of existing facilities.

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4.9 WATER FACILITIES

The following section of the SAP contains information published in the City of El Centro Water and Wastewater Master Plan Amendment, which was prepared for the City by Nolte Associates, Inc. in March 2004.

The City owns, operates, and maintains a system for the treatment, storage, and distribution of potable water resources that serves approximately 8,000 residences, businesses, and public facilities within the City and the City SOI. The City purchases all of its untreated water from the Imperial Irrigation District, which is conveyed to City facilities from the Colorado River via the district's canal system. City facilities are developed and maintained by the Department of Engineering and the Department of Public Works.

I. PERFORMANCE STANDARD

In general, the City's performance goal in the operation and maintenance of its water facilities is to provide adequate potable water service to every customer. Potable water must meet or exceed water quality standards promulgated by the California Department of Health Services and the U.S. Environmental Protection Agency.

The City utilizes several engineering criteria for determining the adequacy of existing water facilities to provide adequate quantity of water service within the City and the need for improvements to the system. These criteria, which are presented below, consider adequate water pressure for service to customers as well as technical specifications that assure a properly designed system.

Maximum pipeline velocity

Maximum day flow plus fireflow	15 feet/sec.
Peak hour flow	7 feet/sec.
Minimum new pipe diameter	8 in.
Normal operating pressure	60 lbs./square in.
Maximum system pressure	80 lbs./square in.

Minimum system pressure

Fireflow conditions	20 lbs./square in.
Peak hour flow conditions	35 lbs./square in.
Maximum valve spacing	600 ft.

II. FACILITY PLANNING AND ADEQUACY ANALYSIS

Inventory of Existing Facilities

The current capacity of the City's water system is approximately 14 million gallons per day. The main components of the existing City water system are shown in Figure 4.9-1.

The system includes the Water Treatment Plant, which is located south of I-8 at South 8th Street and Danenberg Drive. Three potable water storage tanks and four booster pumps are located at the treatment facility. The storage tanks have a total capacity of 10 million gallons, and each of the pumps have a capacity of 4,000 gallons per minute (gpm).

The City water system also includes a remote water storage and pumping facility located at La Brucherie Avenue and Barbara Worth Drive, which has a single storage tank with a five-million

gallon capacity and two pumps with 4,000 gpm capacity. This remote facility site has space reserved for the installation of a second five million gallon tank.

Potable water is distributed from these treatment and storage facilities throughout the City by a system of large diameter pipelines. Principal pipelines range in diameter from 30" to 18" and are mostly contained within existing streets. Smaller pipelines with diameters of eight to 12 inches splitting off from these principal pipelines make up a majority of the distribution system.

Adequacy of Existing Facilities

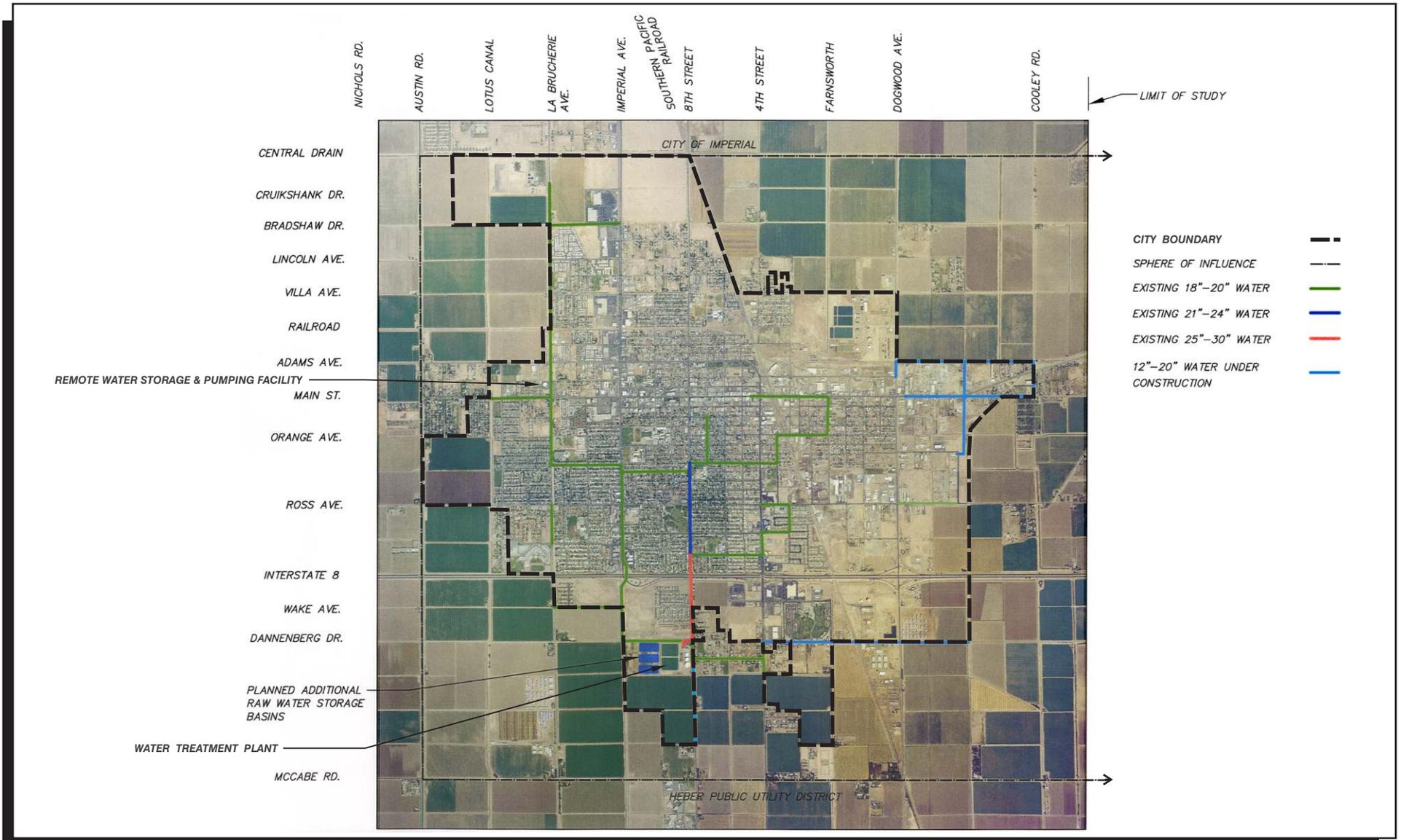
According to 2004 figures, the average daily demand on the City's water system is approximately 7.8 million gallons per day and the maximum daily demand is approximately 12.5 million gallons per day. The existing storage and conveyance capacity of 14 million gallons per day is sufficient for existing daily water demand and peak flow requirements. The system also has adequate capacity to accommodate anticipated near term development. Periodic improvements have been made to modernize the facilities and materials since the system was overhauled in the 1950s, including a major modification of the pumping system in 1994. The system has never faced serious capacity concerns. The system will continue to require periodic improvements in addition to the expansion necessary to accommodate growth in the City and the City's SOI, as discussed below.

Future Demand for Facilities

In preparing the Water and Wastewater Master Plan Amendment, Nolte reviewed the projected development within the City and the City SOI and estimated the demand on the City's water system that projected development would entail. Future demands were broken out into three planning periods according to General Plan and UDP projections and discussions with staff members of the Planning Department and Department of Public Works. The planning periods are 2005 through 2009, 2010 through 2014, and the "full buildout" scenario. Nolte Associates determined that the full buildout scenario, which includes full development of the City and Tiers I-III of the UDP, would not occur until at least 2019. (While this SAP did not place a time frame on full buildout development, Mooney & Associates concurs that full buildout is not likely occur prior to the 2019 date assumed by Nolte Associates. It should be noted that Mooney & Associates determined that development within the Tier I areas would accommodate the population projected for the 2025 date.)

The City Code maintains regulations pertaining to the provision of water service to new developments within City boundaries. Adherence to the following City Code language will ensure that future developments will be adequately served.

- Chapter 24, Article III, Section 24-15: "a tentative map filed as provided in this article shall be accompanied by reports and written statements from the subdivider giving essential information regarding...water supply [and the] source, quality and an estimate of available quantity of domestic water supply"
- Chapter 24, Article III, Section 24-20(c): after a public hearing on the proposed tentative map, "the planning director shall prepare a report incorporating input from the city engineer, health officer, fire marshal, other appropriate city and county departments, and public utility districts and companies with respect to the design of the proposed subdivision as well as the kind, nature, extent and timing of the proposed improvements, including but not limited to street, sewer, water, school and fire protection. The report shall include a recommendation of denial, approval or conditional approval. If the recommendation is for conditional approval, the report shall include recommendations of conditions of approval."



SOURCE: Nolte Engineering



Not to Scale

City of El Centro Existing Principal Water Distribution Lines

Figure 4.9-1

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2005 through 2009

The Water and Wastewater Master Plan Amendment assumed that growth within the 2009 planning horizon would consist mostly of single-family residences and commercial facilities. Projected projects within this timeframe would include Country Side, Buena Vista, Farmer Estates, Wildflower, Santa Rosa, Renaissance, the Wake Avenue Auto Park, Northgate Plaza, Imperial Valley Mall, WalMart Supercenter, El Centro Town Center, Arlington King Subdivision Industrial Park, and the United States Courthouse. The projected maximum day water demand from these developments was determined to be 2.29 million gallons. The additional average daily flow from these developments would be 895,000 gpd; additional peak hour flow would be 2,687,000 gpd; and additional maximum day demands would be 2,238,000 gpd. Most of this development is to occur near the existing treatment plant, the La Brucherie facility, or existing large diameter pipelines. The proximity to existing facilities reduces the need for major construction of water facilities in the near term.

2010 through 2014

Nolte Associates assumed that Tier II development as outlined in the UDP would occur between 2010 through 2014. Development assumed for this timeframe consists mostly of single- and multi-family residences in the western and southern portions of the City and the City SOI, and industrial development in the northern and eastern portions. Nolte estimates that such development would cause water demand within the City to more than triple that of 2004. Average daily water demand for this development phase is estimated at 3,474,500 gpd; maximum day water demand is estimated at 8,686,250 gpd; and peak hour water demand is estimated at 10,423,500 gpd. As a result of the anticipated heavy increase in demand and to prepare for the improvements that would be necessary for the full buildout scenario, Nolte recommends large-scale improvements during this timeframe. The recommended improvements, which are outlined below, are all within the SOI but are not completely within the City boundaries.

Full Buildout

Nolte Associates notes that low density housing that is planned to surround the City and minor industrial and commercial developments within the eastern portion of the City SOI will present additional demand on the City's water system during the full buildout timeframe. The full buildout period assumed by the study represents a large amount of growth that would greatly increase demand on the water system. Estimated average daily water demand would be 11,884,700 gpd; maximum daily water demand would be 29,711,750 gpd; and peak hour water demand would be 35,654,100 gpd.

Table 4.9-1 below shows a comparison of the existing water demand with that of the three development timeframes assumed by the Nolte Associates study. It should be noted that the methodology used by Nolte Associates for projecting growth within the City and the City SOI varied slightly from that used throughout this SAP. While Nolte Associates utilized the full buildout of Tiers I-III of the UDP when estimating projected development that would occur sometime after 2019, Mooney & Associates has assumed throughout the SAP that projected 2025 population would be accommodated by the buildout of the Tier I development area of the UDP. As a result, the figures presented in the table below should be considered conservative when compared to the growth projections discussed throughout the rest of the SAP.

Table 4.9-1 Anticipated Water Demand

	Avg. Daily Demand (gpd)	Max. Day Demand (gpd)	Peak Hour Demand (gpd)
Existing	7,800,000	12,500,000	[not available]
2005-2009	8,695,560	14,738,900	2,686,680
2010-2014	11,274,500	21,186,250	10,423,500
Full Buildout	19,684,700	42,211,750	35,654,100

Source: Nolte Associates

Opportunities for Shared Facilities

The City does not share water treatment, storage, or distribution facilities with other jurisdictions, and there is no opportunity to share such facilities.

Phasing

2005 through 2009

To accommodate increased demand and to prepare for future development and subsequently necessary improvements, Nolte recommends one improvement to the City water system within the 2005 through 2009 timeframe. The recommended near term pipeline improvement would be partially located in an area that is currently outside of the City boundaries but within the City SOI boundaries. The improvement is detailed below and shown in Figure 4.9-2.

- Construct a 20" pipeline along Main Street in the western portion of the City from the Lotus Canal to Austin Road

In addition to this physical improvement, Nolte recommends that the City locate and purchase a site on the eastern portion of the City for a future potable water storage and pumping facility that they anticipate would be necessary by the full buildout timeframe.

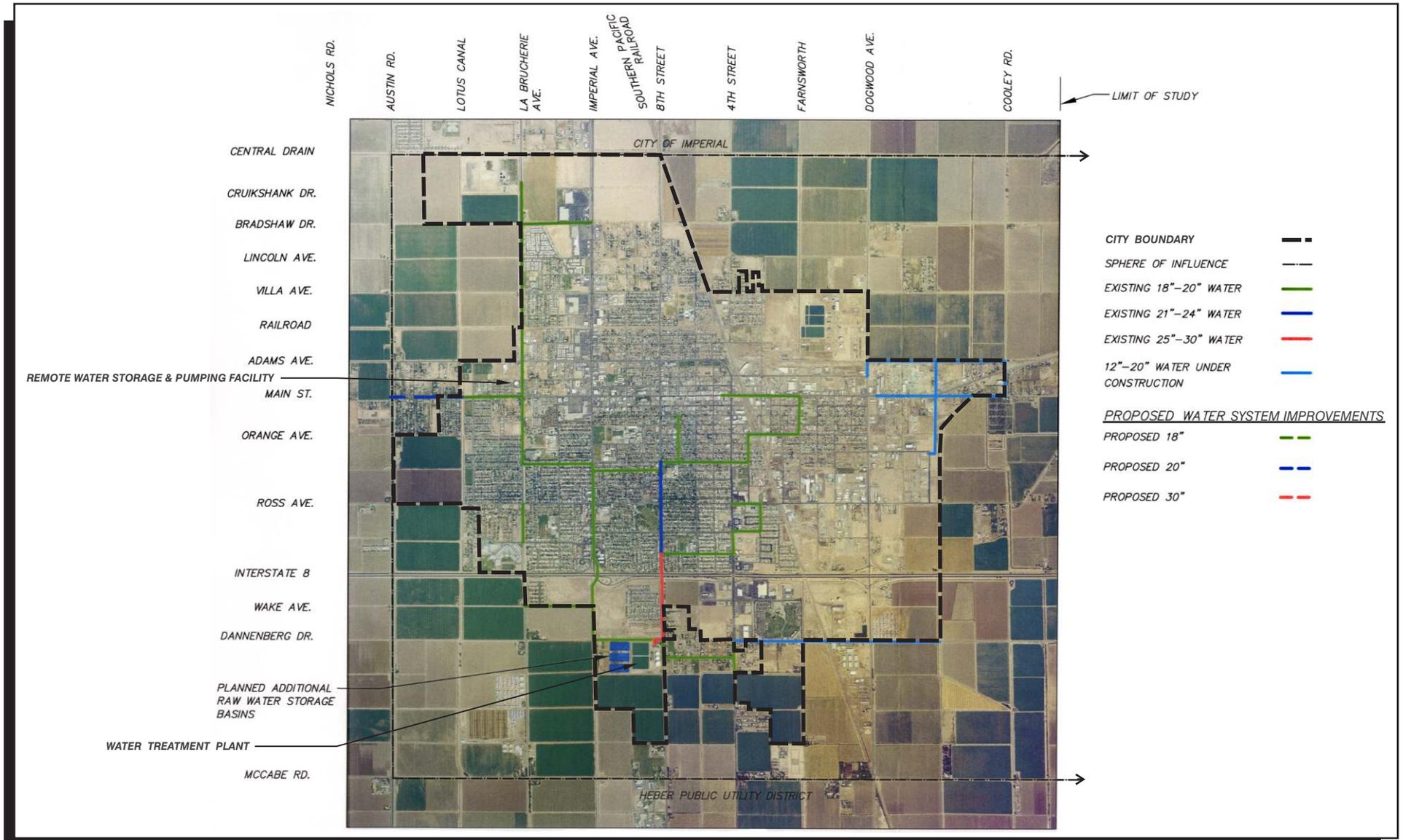
The May 2004 CIP Report includes improvements to the water system that are to be implemented between 2004 and 2005. Along with the large-scale pipeline installation discussed above, the CIP Report includes smaller projects to upgrade and repair existing filtration systems, control panels, storage tanks, and sludge basins.

Additional improvement plans within this timeframe include an increase in the City's water treatment capacity. The existing treatment plant's capacity will be increased by 0.5 million gallons per day (planned for winter 2005/2006) and an additional treatment plant with 20 million gallons per day capacity will be constructed (planned for 2008). The City has identified two locations for the new plant, and additional review will be necessary in the future to determine which location would best serve the City.

2010 through 2014

The master plan amendment recommends improvements during this timeframe to address projected development. The improvements are listed below and shown in Figure 4.9-3.

- Install a 20-inch pipeline along the Alder Canal in the southeastern portion of the City to complete a loop between the 12-inch pipeline at Ross Avenue and Industry Way
- Extend a 20-inch pipeline along Wake Avenue in the southwestern portion of the City SOI between the Lotus Canal and La Brucherie Avenue



SOURCE: Nolte Engineering

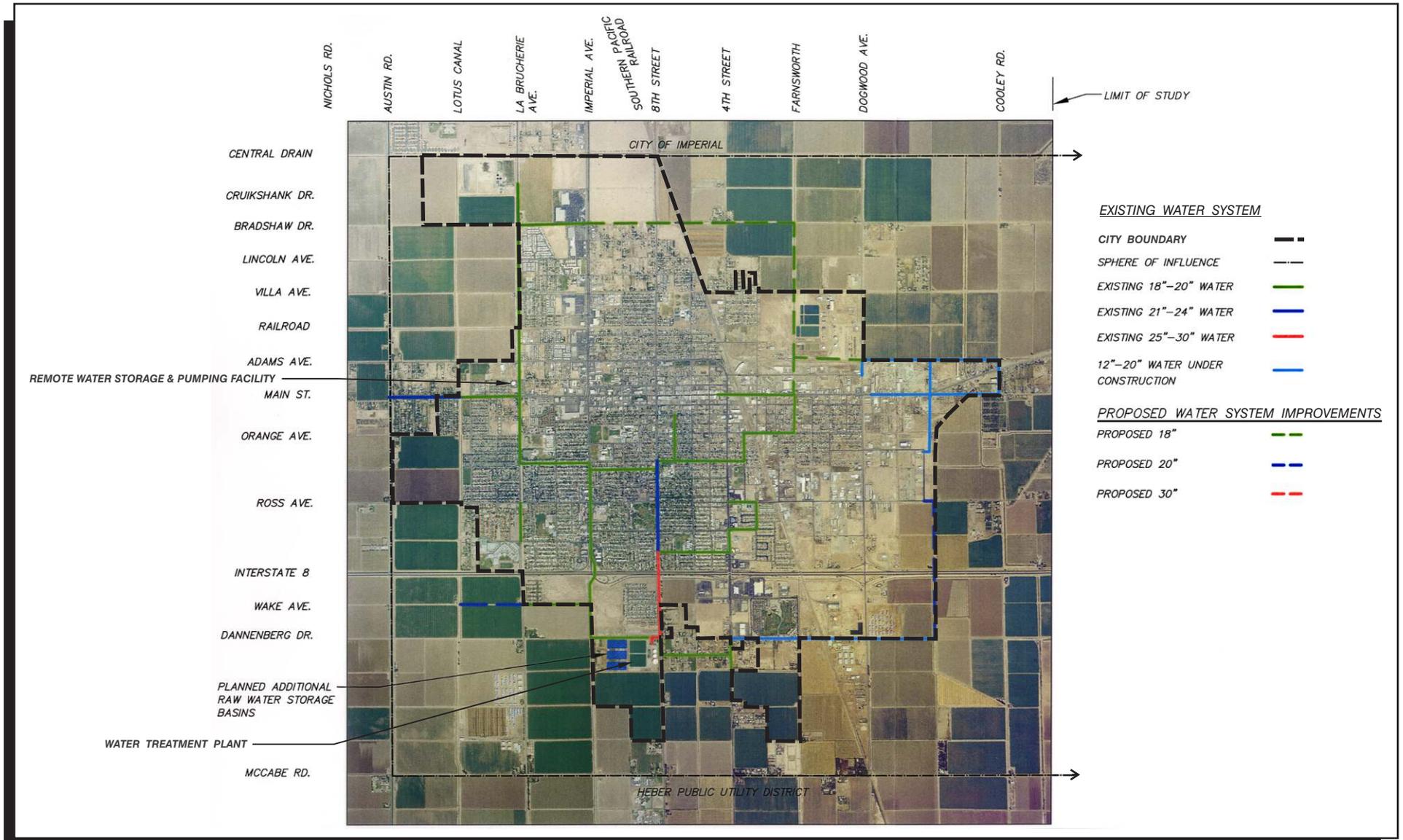


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City of El Centro Proposed Water System Improvements: 2005 Through 2009

Figure 4.9-2

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SOURCE: Nolte Engineering



Not to Scale

City of El Centro Proposed Water System Improvements: 2010 Through 2014

Figure 4.9-3

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- Install a series of 18-inch pipelines in the northern portion of the City and the SOI along Bradshaw Drive, Farnsworth Lane Road, and Adams Avenue

These recommended improvements are all within the SOI, but are not completely within the City boundaries.

The existing water treatment plant is planned for expansion to increase capacity during 2010. This increase, combined with the capacity expansion and new facility planned for the 2005-2009 timeframe, the system's total treatment capacity would be 35 million gallons per day.

Full Buildout

Nolte's study recommends large-scale improvements during this timeframe, some of which would extend beyond the City's existing SOI boundaries, as indicated on Figure 4.9-4. The City does not at this time intend to extend its SOI boundaries as such, but the City shall continue to periodically review their boundaries and SOI boundaries and modify the boundaries as deemed necessary in the future. Nolte also recommends improvements surrounding the existing water treatment facility in order to handle increased velocity of water flow from the facility due to increased demand. The recommended improvements are as follows:

- Install parallel 30" pipelines from the water treatment facility booster pumps to existing 18-, 20-, and 30- inch pipelines surrounding the facility
- Install a series of 30" pipelines along the western, southern, and eastern edge of the water treatment plant
- Mandate that 12-inch pipelines be installed along major roads south of I-8, especially in areas within one mile of the water treatment facility
- Complete a loop in the western portion of the City and west of the SOI along Nichols Road, Wake Avenue, and Bradshaw Drive consisting of 18" and 20" pipelines in various locations
- Construct a 20" loop along Main Street from Austin Road to Nichols Road (outside SOI)
- Extend 18" pipeline along Bradshaw Drive east of Farnsworth Lane Road, beyond the existing SOI boundaries
- Extend 20" pipeline along Danenberg east of the Alder Canal, beyond the existing SOI boundaries
- Construct a remote potable water storage and pumping facility in the eastern portion of the City, in the vicinity of the intersection of Ross Avenue and the Alder Canal

III. FUNDING

The Water and Wastewater Master Plan Update includes estimates of the funding costs for water system improvements anticipated during each of the timeframes considered in the study. Nolte Associates also prepared a Water and Wastewater Rate Study that determined the adequacy of the existing rate structure charged to City customers for water service and recommended rate changes and other revenue sources to pay for water facilities.

Like the wastewater system, the water system is one of the City's largest, most complex, and most expensive responsibilities. To fund water projects and maintenance, the City charges fees to its customers according to a periodically updated rate schedule and to developers as projects are constructed. Revenue accrued by such billing is also placed in the General Fund to help finance personnel, maintenance, and improvement needs in other City departments.

The City anticipates that financing for the proposed projects would come from the Water Capacity Fee Fund and revenue bonds sold to investors. The City receives money into the Water Capacity Fee Fund by charging water capacity fees to development projects and by charging interest on payment of such fees.

Operations, maintenance, salaries, equipment purchases, and water sales are funded by the City's Water Enterprise Fund. The City receives money in this fund by charging connection fees, maintenance fees, water usage charges, and interest to its water customers. This fund is separate from the Water Capacity Fee Fund and is not used to finance the engineering or construction of major improvement projects.

According to a representative of the Department of Public Works, the water division of the department had an annual operating expense of approximately **\$3,390,000** in 2003. This figure includes approximately \$1,526,000 for personnel services, \$1,178,000 for supplies and services, and \$688,000 for general administrative costs.

Per Capita Costs

Assuming a City population of 37,835, the per capita operating cost is approximately \$89.60. This is a conservative estimate, as the City's water system currently serves residences and businesses outside of the City boundaries and the population of the water service area has not been calculated. The calculation for per capita costs is detailed below.

\$3,390,000 operating costs / 37,835 residents = **\$89.60** per capita City water costs

Future Funding Costs

Table 4.9-2 below lists the anticipated costs of the recommended water system improvements, broken out by each development phase. The following expenses would be funded using the City's Water Capacity Fee Fund. These estimates do not include maintenance, personnel, and administration expenses that would be covered by the Water Enterprise Fund, as detailed below.

Table 4.9-2 Estimated Water Improvement Costs

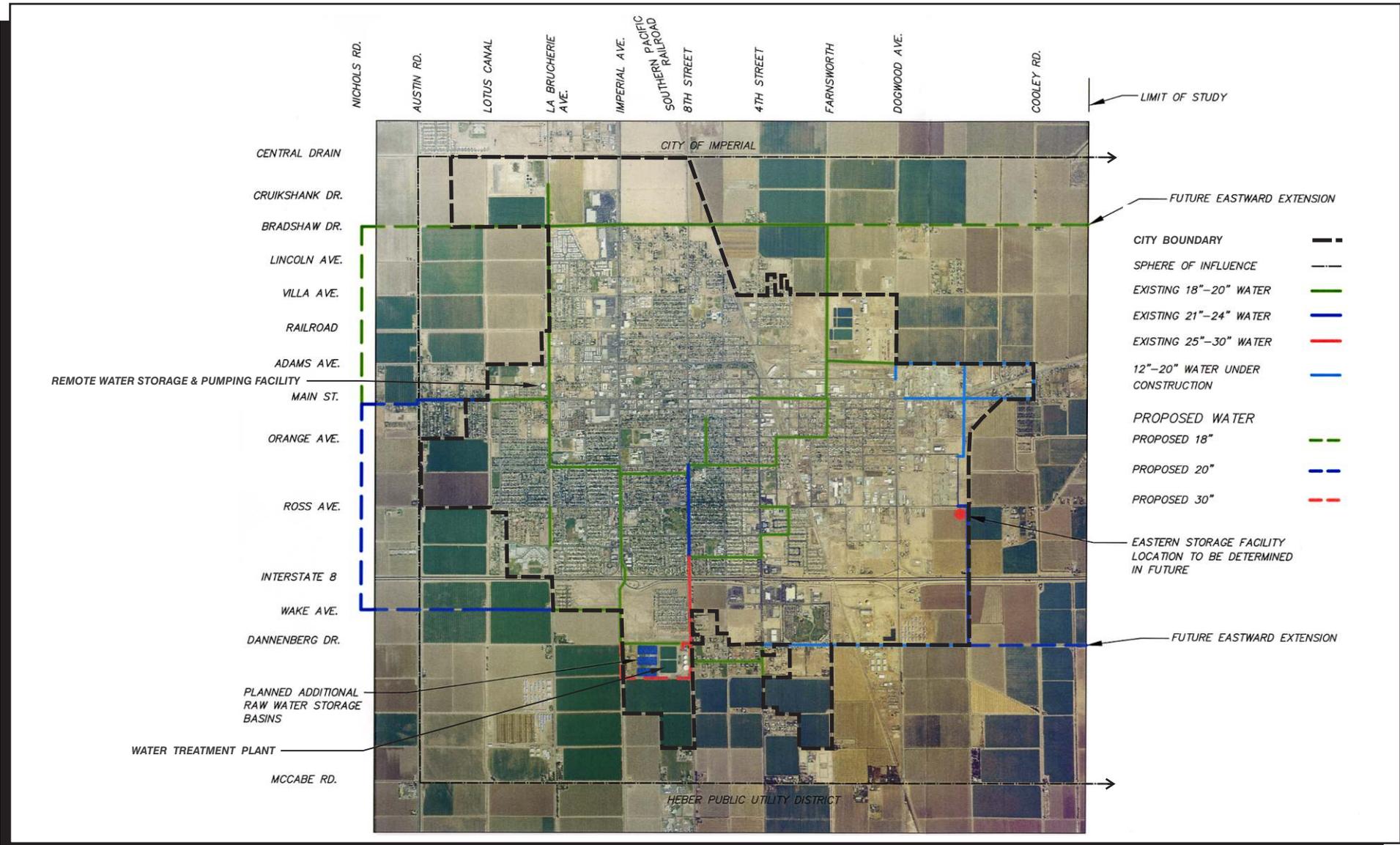
2005-2009 Improvements	
20" pipeline along Main St.	\$390,000
Purchase property for East Side Storage and Pump Facility (4 acres)	\$300,000
Total for 2005-2009	\$690,000

2010-2014 Improvements	
18" pipeline along Farnsworth Lane Rd.	\$845,000
20" pipeline along Alder Canal	\$825,000
18" pipeline along Adams Ave.	\$338,000
18" pipeline along Bradshaw Dr.	\$1,027,000
20" pipeline along Wake Ave.	\$396,000
Total for 2010-2014	\$3,431,000

Full Buildout Improvements	
East Side Storage and Pump Facility	\$9,175,000
18" pipeline along Nichols Rd.	\$792,000
20" pipeline along Nichols Rd.	\$1,120,000
18" pipeline along Bradshaw Dr.	\$2,405,000
20" pipeline along Main St.	\$390,000
20" pipeline along Wake Ave.	\$795,000
20" pipeline along Dannenberg Rd.	\$795,000
30" pipeline around Treatment Plant	\$901,000
Total for Full Buildout	\$16,373,000

Total Estimated Improvement Cost	\$20,494,000

Source: Nolte Associates



SOURCE: Nolte Engineering



Not to Scale

City of El Centro Proposed Water System Improvements: Full Buildout

Figure 4.9-4

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Nolte Associates anticipates that it would cost approximately \$20,494,000 to engineer and construct the improvements recommended for the City water system. This estimate is in 2004 dollars, and does not account for inflation. The estimate also does not account for maintenance of the existing facilities, including personnel and materials, which will present an ongoing cost to the City in the coming years.

Projecting the \$89.60 per capita water cost over the planning period for the SAP, the operating expenses financed by the Water Capacity Fee Fund would be approximately \$3,967,667 by 2025. This projection is in 2004 dollars, and does not account for inflation. Table 4.8-3 below shows the periodic breakdown of water operations demand for finances over the planning period, according to the approximate per capita cost determined above.

Table 4.9-3 Estimated Wastewater Operations Demand

Year	Population	Total Demand
2005	39,348	\$3,525,581
2010	40,409	\$3,620,646
2015	41,447	\$3,713,651
2020	42,774	\$3,832,550
2025	44,282	\$3,967,667

IV. MITIGATION

In order for the City to assure adequate service to its water customers as development continues within the City boundaries and within the SOI, the City will implement the following measures.

- Implement improvement projects recommended in the Water and Wastewater Master Plan Amendment, as funds become available and as deemed necessary by the Director of the Department of Public Works.
- Implement water system improvement projects included in the City's May 2004 CIP Report.
- Continue to periodically review the water rate and financing structure to assure adequate funding for the implementation of new projects and the maintenance of existing facilities.
- Require that system improvements conducted by the City or a private developer shall be designed to conform to relevant Federal, State, and local regulations.

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5.0 FINANCING

5.1 INTRODUCTION

This section of the SAP lists and describes the revenue sources and financing mechanisms that are currently utilized by the City to fund the development and operation of the various facilities and services discussed within Chapter 4 of this SAP. Revenue sources and financing mechanisms that are not currently used but that are being reviewed and considered by the City for future funding are also described.

5.2 EXISTING REVENUE SOURCES

The following list presents sources of revenue that are currently utilized by the City to accumulate finances necessary to develop and operate the various facilities and services discussed within the SAP. Complete budgetary information is available for viewing at the City Finance Department.

Sales Tax

The City receives one percent of State sales tax charged for point-of-sale purchases made at businesses within the City boundaries. City sales tax revenue is deposited into the General Fund, which is further discussed below. The City Finance Department estimates that approximately \$7.1 million in sales tax revenue will be deposited into the General Fund during fiscal year 2004.

A sales tax increase within the City of one-half of one percent was approved by voters in 1989 for a 20-year duration for the purpose of funding local roadway and circulation improvement projects. This program, known as the Local Transportation Authority, is set to expire in 2009.

Property Tax

The City levies a tax to owners of property within the City. This tax, collected annually, is deposited into the General Fund. The City Finance Department estimates that approximately \$2.2 million in property tax revenue will be deposited into the General Fund during fiscal year 2004. Pursuant to a master tax agreement entered into between the City and the County, these two jurisdictions exchange property tax revenue when an annexation from the County to the City occurs.

Motor Vehicle In-Lieu Fee

Motor vehicle in-lieu fees (VLF) are levied by the State for the ownership of automobiles within the State. Funds are then returned to the County based on population and distributed by the County to the various cities, again based on population. The City places this VLF revenue in the General Fund. The City Finance Department estimates that approximately \$2.3 million in VLF revenue will be deposited in the General Fund during fiscal year 2004.

Development Impact Fees

Jurisdictions often charge private developers various development impact fees to assure that the demand for and physical and financial impacts to public services and facilities caused by development projects are adequately addressed. The City adopted a development impact fee program in 1989 that included fees for the following categories:

- Library
- Police
- Fire
- Streets
- Parks and Recreation
- Water and Wastewater Treatment
- Other Public Facilities (includes administrative facilities)

The fee structure is outlined in the Development Impact Fee Report, which was prepared in 1989 and revised in 1994. A copy of the Development Impact Fee Report included as Appendix D of this SAP. Development impact fees are used exclusively to fund the capital costs of new and improved facilities specifically related to the category for which fees are charged. When the City implemented the development impact fees program, it was their intent that rates were to be reviewed annually to assure adequate and proper charges. According to a representative of the City Finance Department, the rates have not been updated since 1994, and the City currently charges rates adopted in 1994. The City Finance Department has recommended that the City revise the development impact fees program to bring the rates up to date.

User Fees

Certain public services and facilities operated by the City entail various user fees that are charged to patrons or other users on a fee-for-service basis. User fees are charged for services such as vehicle impound and release (ECPD), fire permit inspection and issuance (ECFD), summer day camp (DPR), and late or damaged book fees (El Centro Public Library). Revenue generated by these fees is deposited into the General Fund. City services provided through the Planning Department, Building Department, and Engineering Department regarding project processing, permitting, and review also incur user fees that are deposited into the General Fund. A Cost Recovery Study was prepared for the City Finance Department in May 2003 that examined how the City could more efficiently utilize user fees to increase revenue and recover the costs of operating City facilities and services. Findings from this study have not yet been incorporated into City policy.

Gasoline Tax

The State levies a tax on all in-state sales of gasoline. A portion of the revenue derived from this State tax is distributed to local jurisdictions. The City receives revenue from this program and deposits money into a fund that is used for roadway improvements.

Local Bonds

The City often borrows money from private investors by the issuance of bonds. By this mechanism, the City raises capital by collecting money from investors while agreeing to repay the borrowed money at an established interest rate. Bonds are proposed for specific improvement or development projects (such as the expansion of administrative facilities or the installation of water pipelines) and must be approved by a two-thirds public vote in order to be offered to investors. Bonded revenue is not placed in the General Fund, but is placed in special funds established for improvement projects or in capacity fee funds for water and wastewater, which are further discussed below.

State Circulation/Roadway Funding Sources

The City has recently applied for funding from the following three programs for specific circulation and roadway projects.

- State Transportation Improvement Program (STIP): Funds from this program are allocated for specific projects by a joint decision of Caltrans and the Imperial Valley Association of Governments.
- Hazard Elimination Safety (HES) program: Funds from this Caltrans-administered program may be applied to specific projects that are intended to correct or substantially improve an existing safety hazard, such as the undergrounding of open canals near roadways or the installation of traffic signals at busy intersections.
- Transportation Development Act – Article 3: Article 3 funds are granted by the State Transportation Commission for specific projects related to pedestrian, bicycle, and wheelchair mobility.

Community Development Block Grants

The City applies for Community Development Block Grants from the U.S. Department of Housing and Urban Development that may be used for specific projects related to community revitalization, such as the El Dorado Colonia redevelopment project discussed throughout this SAP.

5.3 FUTURE REVENUE SOURCES

The following list presents sources of revenue that the City Finance Department is considering to utilize in the future to increase their available financial resources and to operate more efficiently.

Updated User Fees

A Cost Recovery Study was prepared for the City by MAXIMUS, Inc. in May 2003. A copy of the Cost Recovery Study Findings is included as Appendix E of this SAP. The study identifies potential increases to existing fees and also identified user fees that do not currently exist but that could feasibly be charged to increase revenue for the City and recover costs. The City has yet to implement any of the additional fees suggested by the study, but is currently considering the study's findings and determining which user fees to implement. Specific user fees that are not currently charged but that may be charged in the future included fees for services provided by the public library, ECPD, ECFD, and DPR.

Updated Development Impact Fees

While the City currently charges development impact fees for administration, library, law enforcement, fire protection, streets, parks, recreation, and public facilities, the City Finance Department has identified that the current fees structures are out of date and should be updated. The City Finance Department has recommended that rates be revised so that new and more relevant development impact fees may be implemented in order to provide effective and efficient sources of revenue for the City.

State and Federal Funding

Various government programs are available at the state and federal levels to assist local jurisdictions in financing public facilities and services. The City will continue to seek out such sources of revenue in the future. Most funding sources at the state level require an application requesting assistance and specifying the projects or purposes for which the funds can be used. Financial assistance from the state can include grants, low interest loans, and matching funds.

At the federal level, financial assistance includes grants and federal matching funds for state run assistance programs. Such state and federal grants and other sources of revenue being considered or that may be considered by the City include Community Development Block Grants issued by the U.S. Department of Housing and Urban Development, Congestion Mitigation and Air Quality Improvement Program funding from the U.S. Department of Transportation, and Intermodal Surface Transportation Efficiency Act money from the federal government.

5.4 EXISTING FINANCING MECHANISMS

The following are financing mechanisms currently utilized by the City.

General Fund

The General Fund is the main financing mechanism for the City. Money is deposited into the General Fund from many different sources, including City-lobbied sales tax and property tax, state sources such as the VLF, and user fees charged for various services and use of public facilities. Money within the fund is then distributed to various City departments in order to fund personnel costs and to pay for the development, maintenance, and operation of facilities and programs. The City Finance Department is responsible for maintaining the balance of the General Fund, budgeting resources within the General Fund, and allocating funds to the various departments.

Capacity Fee Funds

The City maintains capacity fee funds for the water and wastewater systems. These funds are comprised of money charged to developers implementing projects that would contribute to demand on the City's water and wastewater facilities. Money received from investors by the issuance of bonds is contributed to the capacity fee funds, and these funds are usually in operation with a certain amount of debt, with interest payments and repayment of bonds coming out of the respective funds. The revenue in these funds is used to finance improvement projects for the respective facilities, but is not used for personnel or other operational costs.

Enterprise Funds

Respective enterprise funds for the municipal water and wastewater systems are also maintained and utilized by the City. These funds are separate from the capacity fee funds and are comprised of money that is collected by connection fees, maintenance fees, water usage fees (Water Enterprise Fund only), and interest accrued for late payment. Operations, maintenance, salaries, equipment purchases, and water sales are funded by the City's water and wastewater enterprise funds. These funds are also responsible for contributing money to the General Fund, as the municipal water and wastewater systems are major generators of revenue for the City.

Developer/Builder Contributions

Many of the improvements to municipal water, wastewater, drainage, and circulation systems that are required to serve new development within the City can be directly funded and constructed by the developer and/or builder through private funding sources and are not the responsibility of the City. Facilities earmarked for developer/builder funding are typically those that normally would have been imposed as a condition of approval of a tentative map under the City's existing development review process. Requiring such contribution can save the City significant amounts of revenue.

5.5 FUTURE FINANCING MECHANISMS

In addition to the existing financing mechanisms listed above that the City will continue to utilize, the following section identifies financing mechanisms that the City is currently considering to implement.

Special Assessment Districts

Jurisdictions often form special assessment districts to achieve financial and operational efficiency in implementing improvements for a particular geographical location or a certain type or types of improvement. The City does not currently operate any special assessment districts, but is considering establishing a landscape and lighting district for public space and common areas owned by the City. Creation of this district would allow the City to dedicate funds for landscape- and lighting-related improvements in public areas.

Community Facilities Districts

The 1982 Mello-Roos Community Facilities Act allows a district to establish community facilities districts that provide funding for provision of services and development of facilities. Such districts often involve taxes levied on the public that generate revenue that is deposited into special funds specifically for the respective service or facility instead of into the jurisdiction's general fund. The City does not currently operate any community facilities districts. According to a representative of the City Finance Department, the City is considering the creation of one or more such districts as a future finance mechanism to efficiently and effectively fund specific programs or improvements within the City.

5.6 FACILITY FINANCING

The following section provides a brief discussion of the funding sources used for the specific services and facilities included in Chapter 4 of the SAP. Any sources of funding that are not currently being utilized, as well as opportunities for cost avoidance, are identified.

Administrative Facilities

Current Funding

Maintenance and operation of the City's administrative facilities and staff is primarily financed by the General Fund. Large-scale improvement and development projects are funded by development impact fees.

Cost Avoidance Opportunities

The Main Branch of the El Centro Public Library contains a conference room that is sometimes used for meetings when space in City Hall is not available. The Main Branch is located close enough to City Hall to make this a convenient alternative to acquiring additional space or expanding existing City buildings, and continuing to use this library facility is a good cost-saving opportunity for City administrative services.

Recommended Funding

The City will continue to use the General Fund for the maintenance and operation of the administrative facilities. As the City continues to grow, any necessary expansion of the facilities

or acquisition of additional property for administrative facilities could be financed by issuing bonds to private investors and/or by development impact fees.

The City will review the Cost Recovery Study prepared in March 2003 and, where feasible, implement the recommended revisions to the user fees charged for services of the Planning Department, Building Department, and Engineering Department. Updating the City's user fees would provide increased revenue that could be used for improvements and expansion of administrative facilities.

The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for administrative services or facilities would increase the funds available to pay for specific large-scale development or improvement projects related to such facilities.

Drainage Facilities

Current Funding

Within the City and the SOI, these facilities are mostly installed and funded by developers as projects are implemented. The wastewater division of the Department of Public Works is responsible for budgeting and allocating resources for the centrally located City-maintained facilities. Thus, funding currently comes from the Wastewater Capacity Fee Fund and the Wastewater Enterprise Fund. Routine maintenance, operation, and personnel costs are accounted for by the Wastewater Enterprise Fund, while any major improvement projects would be paid for out of the Wastewater Capacity Fee Fund.

Cost Avoidance Opportunities

The City is able to avoid some costs for the development of new drainage facilities by requiring developers to construct adequate facilities and retention basins on their projects.

Recommended Funding

Funding responsibilities for project-related facilities shall remain with the developers and secured prior to construction. Improvements to the centrally located City-maintained facilities shall remain under the guidance of the wastewater division of the Department of Public Works. As discussed in Section 4.2, the City plans to prepare a master plan for the municipal drainage facilities that would identify necessary improvements to the system. Such a master plan would also identify potential funding sources for large-scale improvements, including any opportunities for funding sources other than the Wastewater Capacity Fee Fund.

Fire Facilities

Current Funding

The ECFD receives money from the General Fund to finance operational and maintenance costs for facilities, equipment, and personnel. Revenue from user fees charged by the ECFD is paid into the General Fund and redistributed to the ECFD and other City facilities and programs. Development impact fees required of development projects generate revenue that is used for large-scale improvement and development projects related to fire facilities and services.

Cost Avoidance Opportunities

The ECFD operates and shall continue to operate under a mutual aid agreement with the County of Imperial Fire Department for as-needed assistance and backup. This method helps the ECFD avoid costs while assuring that people and property within the City, the SOI, and the rest of the County are covered by adequate fire and emergency response. The two agencies also share a hazardous materials emergency response unit, which aids in avoiding costs for both agencies.

Recommended Funding

The ECFD will continue to receive funding from the General Fund.

As discussed above in Section 5.3, a Cost Recovery Study has been prepared and is being reviewed by the City Finance Department. This study includes new or revised user fees for services performed by the ECFD. Increased user fees for the department would increase department contribution to the General Fund.

As discussed in Section 5.3, the City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for ECFD service or facilities would increase funds available for large-scale development and improvement projects.

The City also may consider the establishment of a community facilities district for the ECFD to centralize funding for the department and allow an efficient and effective means of financing department needs.

Major ECFD projects, such as the construction of the two new fire stations discussed above in Chapter 4.3 could necessitate the issuance by the City of bonds to private investors.

Law Enforcement

Current Funding

The ECPD receives money from the General Fund to finance operational and maintenance costs for facilities, equipment, and personnel. Revenue from user fees charged by the ECPD is paid into the General Fund and redistributed to the ECPD and other City facilities and programs. Development impact fees required of development projects generate revenue that is used for large-scale improvement and development projects related to police facilities and services

Cost Avoidance Opportunities

While the ECPD cooperates with the Imperial County Sheriffs Department for the provision of as-needed emergency back up services, the two agencies do not currently share any facilities and would not share any facilities in the future. There are no substantial cost avoidance opportunities for the ECPD.

Recommended Funding

The ECPD will continue to receive funding from the General Fund.

A Cost Recovery Study has been prepared and is being reviewed by the City Finance Department. This study includes new or revised user fees for services performed by the ECPD.

Increased user fees for the department would increase department contribution to the General Fund.

The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for ECPD service or facilities would increase funds available for large-scale development and improvement projects.

The City also may consider the establishment of a community facilities district for the ECPD to centralize funding for the department and allow an efficient and effective means of financing department needs.

Major ECPD projects, such as the renovation of existing stations or the construction of new police stations could necessitate the issuance by the City of bonds to private investors.

Library Facilities

Current Funding

The El Centro Public Library currently receives funding from the City General Fund, the State Public Library Fund (PLF), and from the State via the California Library Services Act Transaction Based Reimbursement (TBR) program. The library has lost its PLF certification for 2004 and, as such, the library will not be eligible for PLF funding for the 2004 financial year.

Development impact fees are levied for library facilities. Revenue generated by development impact fees are not placed in the General Fund, but are used for specific library improvement projects.

The library also accepts private donations material and funding grants to offset the costs of operation and to implement improvement projects.

Cost Avoidance Opportunities

Through inter-library loan programs, the library shares resources with other libraries in the region. The public library will continue to pursue this opportunity for shared facilities in order to keep costs down while providing acceptable services to City residents.

Recommended Funding

The General Fund will continue to be the primary source of financing for the El Centro Public Library System. To augment the provision of General Fund dollars from the City, the library will continue to apply for all possible funding opportunities from the State, and will continue to accept donations of money or materials.

The City will review the Cost Recovery Study prepared in May 2003 and implement recommended improvements to the library user fee structure. Updating the relevant user fees will provide increased revenue for the General Fund that could be used for improvements and expansion of library facilities.

The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for library services or facilities would increase funds available for large-scale development and improvement projects related to library facilities and services.

Park and Recreation Facilities

Current Funding

Funding for DPR comes from the General Fund and development impact fees funds. Revenue from user fees charged by DPR are paid into the General Fund and redistributed to DPR and other City facilities and programs. Development impact fees accrue in separate DPR funds that provide revenue for large-scale improvement projects. Total operational income budgeted from the General Fund for DPR in financial year 2003 was \$1,350,000.

Cost Avoidance Opportunities

City policy requiring private developers to construct parks in conjunction with development projects eliminates substantial cost to the City in that the City is not responsible for purchase or dedication of land or the construction costs. The City will continue this cost avoidance measure.

The City currently maintains mutual use agreements with the El Centro Elementary School District and the El Centro High School District for the use and maintenance of athletic field and park facilities associated with some of the districts' schools. Such joint parks are available to students of the districts and City residents alike. Whenever possible, DPR will maintain such existing relationships and will pursue similar relationships with these districts and other jurisdictions to avoid costs for operation and maintenance of the facilities.

Recommended Funding

The General Fund will continue to be the primary source of financing for DPR.

The City will review the Cost Recovery Study prepared in May 2003 and implement recommended improvements to the library user fee structure. Updating the relevant user fees will provide increased revenue for the General Fund that could be used for improvements and expansion of library facilities.

The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for DPR facilities would increase funds available for large-scale development and improvement projects.

Circulation Facilities

Current Funding

Funding for circulation improvements comes from a variety of sources. Local funding sources include development impact fees and the Local Transportation Authority, the latter of which entails a one-half of one percent sales tax increase that was approved for a 20-year duration by the voting public in 1989. General Fund monies are not used to fund circulation and roadway improvement projects.

Because many City facilities are closely related to circulation on State-maintained facilities, funding costs for City programs may be shared by the State through financing programs administered by the State Transportation Commission or Caltrans. A percentage of the State gasoline tax is allocated to the City for use in traffic improvement projects. The following list identifies additional State funding programs to which the City may apply.

- State Transportation Improvement Program (STIP): Funds from this program are allocated for specific projects by a joint decision of Caltrans and the Imperial Valley Association of Governments.
- Hazard Elimination Safety (HES) program: Funds from this Caltrans-administered program may be applied to specific projects that are intended to correct or substantially improve an existing safety hazard.
- Transportation Development Act – Article 3: Article 3 funds are granted by the State Transportation Commission for specific projects related to pedestrian, bicycle, and wheelchair mobility.

The City also receives federal funding for roadway improvements from such sources as the Regional Surface Transportation Program and Community Development Block Grants.

Cost Avoidance Opportunities

While there are no real opportunities to share roadway facilities with any adjacent jurisdiction, the City's system does not exist independently, and circulation within and through the City is mutually affected by the operation of the State and County circulation system. In order to maintain the best possible circulation within City limits, throughout the SOI, and within the County and the greater region as a whole, the City will continue to cooperate with the State, the County, and adjacent cities in monitoring the operation of the regional system and the implementation of necessary improvements. In accordance with General Plan policy, the City will also continue to cooperate with the Imperial Valley Association of Governments to ensure that adequate bus service is available for all segments of the community.

Application to State and federal programs to receive funding for circulation and roadway projects also provides a significant opportunity to avoid direct cost to the City for large-scale development and improvement projects.

Recommended Funding

Other than those sources identified above, there are no substantial funding sources for roadway and circulation improvements within the City.

The City Finance Department has recommended that a development impact fees study be prepared to bring such fees up to date and increase revenue for the City. Any increase in development impact fees for DPR facilities would increase funds available for large-scale development and improvement projects related to the circulation system.

Wastewater Facilities

Current Funding

The City uses funds from revenue bonds, the Wastewater Capacity Fee Fund, and future bond insurance to finance the engineering and implementation of major improvement projects for the wastewater system. Operation, maintenance, salaries, and equipment purchases are financed by the Wastewater Enterprise Fund.

Cost Avoidance Opportunities

The City often requires developers to construct wastewater-related infrastructure that will connect the specific development with the existing City wastewater system. This requirement helps the City avoid substantial costs associated with infrastructure development.

Recommended Funding

The City shall continue to use the existing financing mechanisms described above to finance the City's wastewater engineering, construction, operation, and maintenance. Bond measures may continue to be required to finance the large-scale improvements recommended within the full buildout timeframe.

Water Facilitates

Current Funding

The City uses funds from revenue bonds, the Water Capacity Fee Fund, and future bond insurance to finance the engineering and implementation of major improvement projects for the wastewater system. Operation, maintenance, salaries, and equipment purchases are financed by the Water Enterprise Fund.

Cost Avoidance Opportunities

The City often requires developers to construct water-related infrastructure that will connect the specific development with the existing City water system. This requirement helps the City avoid substantial costs associated with infrastructure development.

Recommended Funding

The City shall continue to use the existing financing mechanisms described above to finance the City's water engineering, construction, operation, and maintenance. Bond measures may continue to be required to finance the large-scale improvements recommended within the full buildout timeframe.

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CITY OF EL CENTRO

CAPITAL IMPROVEMENT PROJECT REPORT

FY 2004 Through FY 2009

Date: May 2004

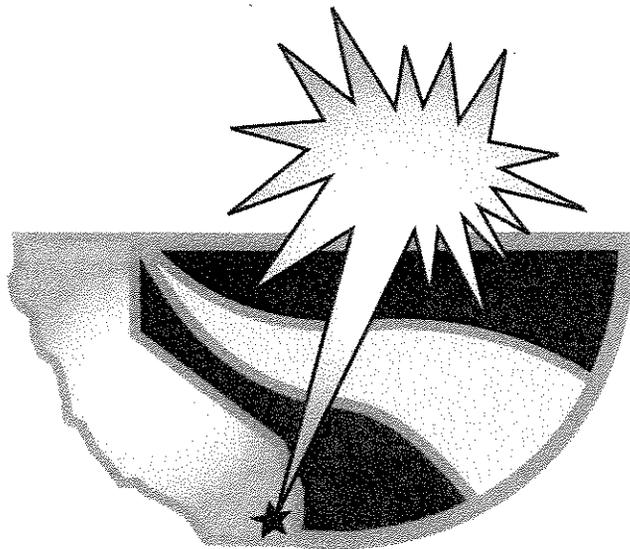
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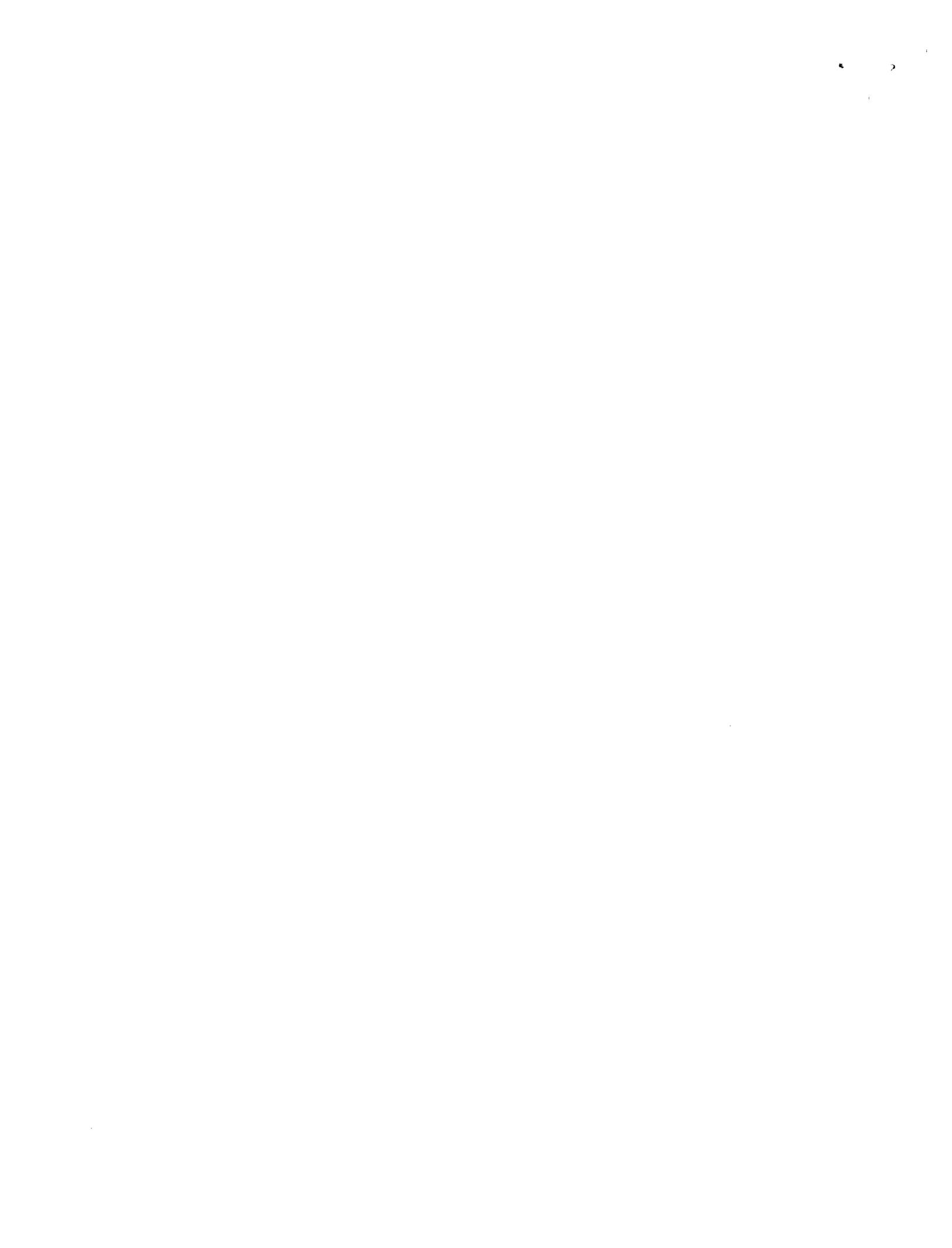
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CITY OF EL CENTRO

SUMMARY





City of El Centro
FY 2004 through 2009 Capital Improvement Program
City Summary Budget Request

1a. Department Name	1b. Contact/Phone	4. Date Submitted:		May 26, 2004				
City of El Centro	Ruben Duran, City Manager	5. Project Category: CITYWIDE CAPITAL IMPROVEMENT PROJECTS						
10. Description of Projects and Project Numbers								
Water Division			Parks and Recreation					
Wastewater Division			Library					
Public Works Administration			Economic Development					
Transportation/Engineering			Fire Department					
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
General Fund	250,878	0	500,000	2,434,615	44,600	44,600	44,600	3,319,293
Water New Loan	0	78,276	4,326,362	2,640,000	1,680,000	5,550,000	0	14,274,638
Water Rates	250,000	4,500	65,500	21,000	21,000	21,000	21,000	404,000
Current Loan Water CIEDB		1,845,800						1,845,800
Wastewater Rates	0	104,500	725,000	21,000	21,000	21,000	21,000	913,500
Wastewater 1997 Bond		2,676,130						2,676,130
Current Loan Wastewater CIEDB		4,000,000						4,000,000
Wastewater Capacity Fee		600,000						600,000
Wastewater New Loan		64,680	2,028,020	5,875,000			7,500,000	15,467,700
Transportation Enhancement Act (TEA)	1,497,042							1,497,042
Bicycle Transportation	389,475							389,475
Safe Routes to Schools	424,851							424,851
Local Transp. Authority	223,220	70,000	7,650,000	2,857,795	2,057,795	1,000,000	815,483	14,674,293
Cal Trans Grant			300,000					300,000
Article 3		23,000	80,330					103,330
STIP	1,000,000	3,000,000					18,400,000	22,400,000
Article 8E funds			50,000					50,000
Developmental Fees	0	145,000	289,600	102,605	92,205	400,000	0	1,029,410
Cal Trans	132,795	0	750,460	0	0	0	0	883,255
IID Pipeline Funds	0	0	1,050,000	0	0	0	2,446,450	3,496,450
RSTP	260,000	0	0	0	0	0	0	260,000
Hazardous Elimination Safety	784,000	0	0	0	0	0	0	784,000
Traffic Impact Fees			240,000					240,000
Padre Funds	2,250							2,250
Housing Grant		80,000						80,000
Impact Fees		100,000	117,900	117,900	117,900	117,900	117,900	689,500
IID Sunflower Park Funds	93,000							93,000
Community Donations			3,000				3,000	6,000
Simplot Funds	40,000							40,000
Community Development Block Grant	4,100,000	0	0	0	0	0	0	4,100,000
Prop 12 Per Capita	233,633	0	0	0	0	0	5,125	238,758
Roberti-Z-Berg-Harris	275,000	0	75,000	0	0	0	0	350,000
Park Impact Fees	125,814	0	62,000	0	0	0	0	187,814
ECESD	292,000	0	0	0	0	0	0	292,000
Prop 40	0	0	115,125	60,000	0	0	0	175,125
Recycled Tire Grant	0	0	25,000	0	0	0	0	25,000
Price Charities Grant	70,000	0	0	0	0	0	0	70,000
Anonymous Benefactor	65,000	0	0	0	0	0	0	65,000
Impact Fees - Library		67,000						67,000
El Centro Redevelopment Agency RDA		1,158,000	500,000	503,000	3,000	3,000	3,000	2,170,000
Economic Development Administration		467,500	822,500					1,290,000
Total Source	10,508,958	14,484,386	19,775,797	14,632,915	4,037,500	7,157,500	29,377,558	99,974,614

City Summary

City of El Centro

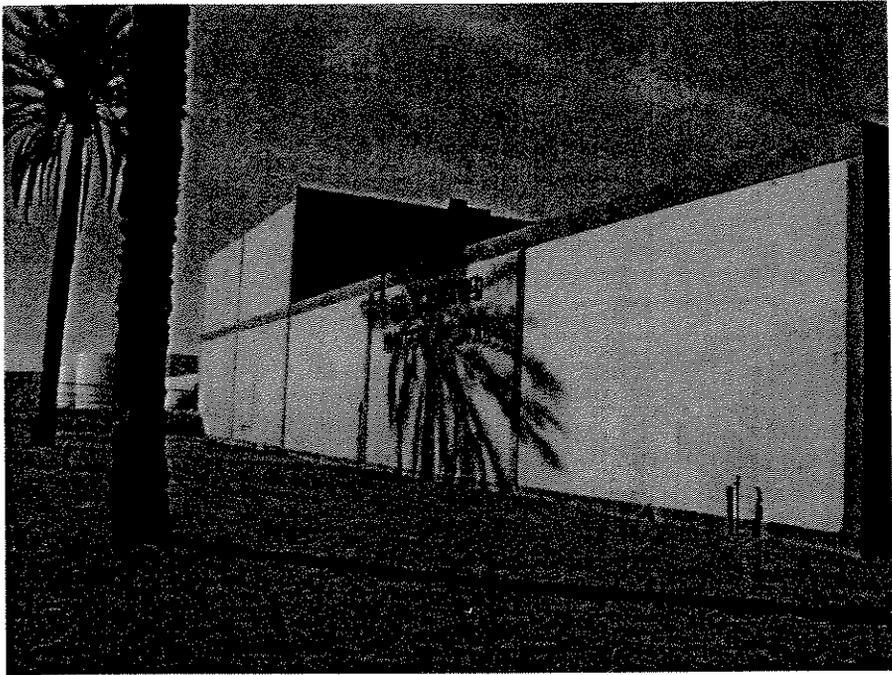
FY 2004 through 2009 Capital Improvement Program

City Summary Budget Request

1a. Department Name		1b. Contact/Phone		4. Date Submitted:			May 26, 2004	
City of El Centro		Ruben Duran, City Manager		5. Project Category: CITYWIDE CAPITAL IMPROVEMENT PROJECTS				
10. Description of Projects and Project Numbers								
Water Division				Parks and Recreation				
Wastewater Division				Library				
Public Works Administration				Economic Development				
Transportation/Engineering				Fire Department				
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	1,016,037	1,339,316	3,922,848	130,000	155,000	590,000	0	7,153,201
Construction	1,352,454	11,359,414	17,655,212	15,202,079	6,590,000	1,415,000	33,750,058	87,324,217
Other Misc.	0	375,000	1,228,033	0	0	0	0	1,603,033
Land Acquisition	0	680,003	1,200,000	200,000	0	0	0	2,080,003
Administration/Legal Fees		8,500	8,500					17,000
ROW	206,220	-130,000	1,000,000	220,000	0	0	0	1,296,220
Environmental	119,000	1,141,000	0	0	0	0	0	1,260,000
Inspection Fees	0	8,500	8,500					17,000
Software			508,000					508,000
Equipment		180,000	1,164,900	117,900	117,900	517,900	117,900	2,216,500
Total Costs	2,693,711	14,961,733	26,695,993	15,869,979	6,862,900	2,522,900	33,867,958	103,475,174
Operational Impact (Operations, Maintenance & Repairs)								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services			10,000	12,900	12,900	312,900	312,900	661,600
Services and Supplies	20,000		47,375	78,310	78,788	101,677	109,377	435,527
Total Costs	20,000	0	57375	91210	91688	414577	422277	1,097,127

PUBLIC WORKS/ENGINEERING DEPARTMENT

WATER DIVISION



Public Works/Engineering Department ~ Water Division Summary

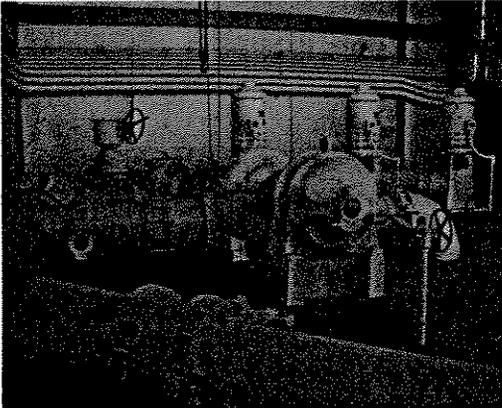
FY 2004 through 2009 Capital Improvement Program

Water Division Budget Request Summary

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		337-4505		5. Project Category:				
2a. Name of Project		2b. Project #		XX	Water Treatment Plant		XX	Water Distribution
10. Description of Projects and Project Numbers								
Distribution Pump -- 03.001				Repairs to Storage Tanks #1 & 3 -- 04.002				
Alder Water Line -- 04.9515				Add. Clarifier/Storage Basins/Raw Water Storage-- W 04.007				
Remodel Office/Restroom -- 03.003				Austin Road Water Line-- W 08.001				
Filtration System Upgrade System Controls -- 04.001				Rehab Existing Storage Tank 07.001				
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates	250,000	4,500	65,500	0	0	0	0	320,000
Capacity Fees	0	0	0	0	0	0	0	0
Current Loan	0	1,845,800	0	0	0	0	0	1,845,800
New Loan	0	78,276	4,326,362	2,640,000	1,680,000	5,550,000	0	14,274,638
Total Source	250,000	1,928,576	4,391,862	2,640,000	1,680,000	5,550,000	0	16,440,438
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	14,500	452,631	234,828	0	115,000	590,000	0	1,406,959
Construction	192,693	1,389,852	2,498,830	4,026,664	1,680,000	415,000	4,580,000	14,783,039
Total Costs	207,193	1,842,483	2,733,658	4,026,664	1,795,000	1,005,000	4,580,000	16,189,998
Operational Impact (Operations, Maintenance & Repairs)								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	3,000	2,910	2,823	2,738	2,656	14,127
Total Costs	0	0	3000	2910	2823	2738	2656	14,127

COMPLETED 2004

PUBLIC WORKS/ENGINEERING DEPARTMENT/ENGINEERING
DEPARTMENT
WATER DIVISION
PROJECT NUMBER 03.001
DISTRIBUTION PUMP AT WATER TREATMENT PLANT



Description: Additional Distribution Pump at Water Treatment Plant.

Justification: The addition of a 200 HP distribution pump at the Water Treatment Plant is necessary as the increase in water demands is causing the Plant to near its pumping capacity. In addition, there is currently no backup pump and if one or more of the distribution pumps should come offline for service or repairs the pumping capacity of the plant is further reduced.

Operating Budget Effect: It is expected that there will be a minimal increase to electricity costs.

Relationship to General Plan: The addition of a new 200 HP distribution Pump was recommended in the City's approved and adopted Water and Wastewater Master Plan and included in the recommendations of the Rate Study prepared by Nolte Associates in February 2002.

Scheduling: Engineering Completed by Nolte Associates 2002. Construction contract awarded to Cora Construction with a Notice to Proceed provided by the City Clerk in December 2002.

Status: Cora Construction is finishing up the installation of electrical connections and the pump was on-line by the end of February 2004. Staff has requested a notice of completion be prepared for this project.

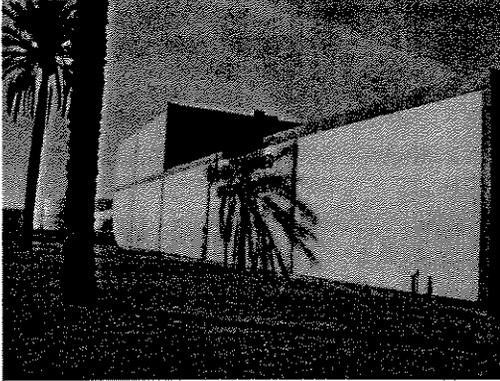
Project Manager:
psteward@cityofelcentro.org

Paul Steward, Water Treatment Plant Supervisor
Phone (760) 337-3177 Fax (760) 337-3172

**Public Works/Engineering Department ~ Water Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		Brammer/5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities				Transportation
Distribution Pump		W 03.001		Parks and Recreation		XX		Water
3. Location of Project				Public Safety				Wastewater
Throughout the City				General Government				Drain Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
XX	New	30		XX	Infrastructure Development			
	Addition	9. Department Priority		Community Enhancement				
	Renovation			Community Preservation				
10. Description of Project and Justification (write in space below).								
Install a new distribution pump at the Water Treatment Plan								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates	250,000	0	0	0	0	0	0	250,000
Capacity Fees	0	0	0	0	0	0	0	0
Current Loan	0	0	0	0	0	0	0	0
New Loan	0	0	0	0	0	0	0	0
Total Source	250,000	0	0	0	0	0	0	250,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	14,500	0	0	0	0	0	0	14,500
Construction	192,693	0	0	0	0	0	0	192,693
Total Costs	207,193	0	0	0	0	0	0	207,193
12. Describe source of funds used or to be used in Question 11 above.								
Water Rates								
13. What is the source and date of your cost estimate?								
Project Construction Contracts ~ This project was completed in 2004 with the notice of completion pending.								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
N/A								
17. What is the source and date of your cost estimate?								
Paul Steward, Water Plant Supervisor 3/04								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WATER DIVISION
PROJECT NUMBER 03.003
REMODEL OFFICE AND RESTROOM PROJECT**



Description: Remodel offices and restrooms at the Water Treatment Plant.

Justification: The office and restrooms at the Water Treatment Plant were built in the 1950's. The office facilities do not allow for privacy, are overcrowded and double as staff lunchroom and lounge. There is one restroom and it does not meet the needs of the staff.

Operating Budget Effect: The overall effect to the operating budget is estimated at approximately \$3,000 per year. This increase will be for additional overhead expenses due to expanded facility as well as increase in janitorial supplies.

Relationship to General Plan: This project has minimal relationship with the General Plan. It is necessary due to administrative demands on the water department as regulations become more strict, water demands increase and the water division begins to develop the capital improvement projects.

Scheduling: This project is schedule to be completed in FY 2004. Nolte Engineering has been asked to provide an estimated engineering cost and remodeling proposal. Once the engineering service proposal has been received, staff will move forward with the construction phase of the project.

Status: Project is scheduled to begin engineering in May 2004 with construction to follow.

Project Manager:
psteward@cityofelcentro.org

Paul Steward, Water Treatment Plant Supervisor
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**Public Works/Engineering Department ~ Water Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		Brammer/5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities				Transportation
Remodel Office		W 03.003		Parks and Recreation		XX		Water
3. Location of Project				Public Safety				Wastewater
Water Treatment Plant				General Government				Drain Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
New				XX		Infrastructure Development		
Addition		9. Department Priority		Community Enhancement				
XX		Renovation		Community Preservation				
10. Description of Project and Justification (write in space below).								
Remodel Office space to allow for additional computer areas, restroom facilities and ADA compliant offices								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates		4,500	65,500	0	0	0	0	70,000
Capacity Fees		0	0	0	0	0	0	0
Current Loan		0	0	0	0	0	0	0
New Loan		0	0	0	0	0	0	0
Total Source	0	4,500	65,500	0	0	0	0	70,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	4,500	0	0	0	0	0	4,500
Construction	0	0	65,500	0	0	0	0	65,500
Total Costs	0	4,500	65,500	0	0	0	0	70,000
12. Describe source of funds used or to be used in Question 11 above.								
Water Rates								
13. What is the source and date of your cost estimate?								
Nolte Associates has an agreement to provide drawings not to exceed \$4,500. No new construction estimates are not available at this time.								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.		N/A		14.3 Total Cost (a*b)?		
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	3,000	2,910	2,823	2,738	2,656	14,127
Total Costs	0	0	3,000	2,910	2,823	2,738	2,656	14,127
16 Describe source of funds used or to be used in Question 15 above.								
Water Rates								
17. What is the source and date of your cost estimate?								
Water Treatment Plant Supervisor								

ANTICIPATED TO BE

PUBLIC WORKS AND ENGINEERING DEPARTMENT
COMPLETED 2004
WATER DIVISION

PROJECT NUMBER 03.002

ALDER CANAL PARALLEL WATER DISTRIBUTION NETWORK

Description: Install water distribution lines along the Alder Canal Parallel. This water line will parallel the Alder Canal Sewer Line that was partially constructed over the last two years. The Alder Water line and the last phase of the Alder Sewer line will be constructed at the same time.

Justification: The purpose of this line is to form a large diameter loop around the City that so that adequate system pressures and flows can be maintained. The pipeline will serve new developments in the north and eastern sides of the City, while reinforcing the existing system, mainly in the north and eastern portions of the City. The line will connect with large diameter pipelines in the southern part and western part of the distribution network.

Operating Budget Effect: This project was identified in the Water and Wastewater Master Plan and scheduled in the Water and Wastewater Rate Study. Financing for this project is from a California Infrastructure and Economic Development Bank (CIEDB) loan in the amount of \$1,845,800. The CIEDB loan will increase the Water Enterprise Fund annual debt payment by \$52,913 in fiscal year 2003 and by approximately \$127,760 in fiscal year 2004.

Relationship to General Plan: This project conforms to the City's General Plan as well as the Water Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: The engineering for this project was awarded to BJ Engineering. Engineering is scheduled to be completed in early FY 2004 with construction to begin in 2004. The funds for this project are subject to a strict timeline, construction must begin by December 17, 2003 in order to receive reimbursement for expenses.

The acquisition of right of way along the Alder water line route has required a great deal of cooperation between City Departments as Engineering, Public Works, Finance and the City Attorney's office who have worked to get this project to construction by the December 17, 2003 deadline.

Status: Project is scheduled for completion by the May 2004.

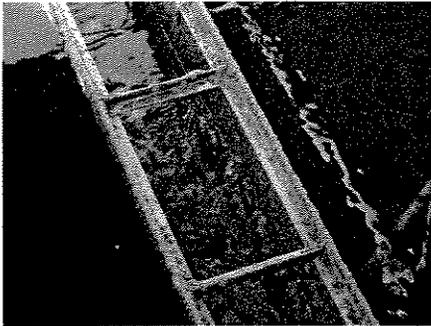
Project Manager:
psteward@cityofelcentro.org

Paul Steward, Water Treatment Plant Supervisor
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**Public Works/Engineering Department ~ Water Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		Steward/3177		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities				Transportation	
Alder Water Project		WTP 03.9515		Parks and Recreation		XX		Water	
3. Location of Project				Public Safety				Wastewater	
Throughout the City				General Government				Drain Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX	New	30		XX	Infrastructure Development				
	Addition	9. Department Priority		Community Enhancement					
	Renovation			Community Preservation					
10. Description of Project and Justification (write in space below).									
This project is to expand our current system to include serve the east section of the City.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates			0	0	0	0	0	0	0
Capacity Fees			0	0	0	0	0	0	0
Current Loan			1,845,800	0	0	0	0	0	1,845,800
New Loan			0	0	0	0	0	0	0
Total Source		0	1,845,800	0	0	0	0	0	1,845,800
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	98,313	0	0	0	0	0	98,313
Construction		0	1,389,852	0	0	0	0	0	1,389,852
Total Costs		0	1,488,165	0	0	0	0	0	1,488,165
12. Describe source of funds used or to be used in Question 11 above.									
New loan from CIEDB or other source as determined. The financing of this project should begin in early FY 2005 and should ensure that all engineering cost incurred are reimbursable.									
13. What is the source and date of your cost estimate?									
Nolte Engineering. Projects were combined in March 2004 to save expenses in construction, construction management and engineering.									
14.a What is the sq. ft.?		N/A	14.b Cost per sq. ft.?		N/A	14.3 Total Cost (a*b)?			
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
N/A									
17. What is the source and date of your cost estimate?									
Paul Steward, Water Plant Supervisor 3/04									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WATER DIVISION
PROJECT NUMBER 04.004
FILTRATION SYSTEM AND CONTROL PANEL UPGRADE**



Description: The Filtration System project is to expand our current system to include three new filters. In addition it will have a back wash pump with manifold. Controls will be semi-automatic with manual capabilities. The Control Panel project will upgrade to digital system control panels. This project is being completed along with the expansion of the filtration system.



Justification: The Filtration System project will increase our filtration capacity, which will allow us to increase our storage capacity and improve services to the community. The System Control Panel project will upgrade our current controls that are hydraulic or pneumatic controls. The new main control panel system will have digital and logistical controllers. The current system is old, which makes repairs expensive and time consuming.

Operating Budget Effect: This will have a minimal effect on the operating budget. The only increase expected will be from additional maintenance costs.

Relationship to General Plan: This project conforms to the City's General Plan as well as the Water Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: The project should be completed by the end of FY 2006. Nolte Associates are working on the final design and engineering for these projects and the City Engineer will provide the final review. They have submitted a scope of services for construction management of this project, which is being reviewed by the Project Manager and staff to determine if it adequately represents the needs of the City.

Status: The draft engineer drawing for this project is in the City Engineer's office for review. A contract for construction management was awarded to Nolte Associates. The approved design drawings and bid specifications are expected to be completed in June 2004. Staff will request Council's approval to solicit bids for this project by August with construction anticipated to begin in September. This project will be scheduled for completion in March 2006.

Project Manager:
psteward@cityofelcentro.org

Paul Steward, Water Treatment Plant Supervisor
Phone (760) 337-3177 Fax (760) 337-3172

**Public Works/Engineering Department ~ Water Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004	
Public Works		Brammer/5182		5. Project Category:			
2a. Name of Project		2b. Project #		Building and Facilities		Transportation	
Filtration System & Control Panel Upgrades		WTP 04.004		Parks and Recreation		XX Water	
3. Location of Project				Public Safety		Wastewater	
Water Treatment Plant				General Government		Drain Control	
7. Construction		8. Useful Life (years)		6. Project Classification:			
XX New		30		XX Infrastructure Development			
Addition		9. Department Priority		Community Enhancement			
Renovation				Community Preservation			

10. Description of Project and Justification (write in space below).
 This project is to expand our current system to include two new filters. In addition it will have a back wash pump with manifold. Controls will be semi-automatic with manual capabilities. Upgrade to digital system control panels. This project is being completed along with the expansion of the filtration system. The current controls are hydraulic or pneumatic controls. The current system is old, which makes repairs expensive and time consuming. The new main control panel system will have programmable logic controllers.

11. Project Sources and Uses of Funds

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates		0	0	0	0	0	0	0
Capacity Fees		0	0	0	0	0	0	0
Current Loan		0	0	0	0	0	0	0
New Loan		0	3,391,534	0	0	0	0	3,391,534
Total Source	0	0	3,391,534	0	0	0	0	3,391,534

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	271,540	0	0	0	0	0	271,540
Construction	0	0	1,733,330	1,386,664	0	0	0	3,119,994
Total Costs	0	271,540	1,733,330	1,386,664	0	0	0	3,391,534

12. Describe source of funds used or to be used in Question 11 above.
 New loan from CIEDB or other source as determined. The financing of this project should begin in early FY 2005 and should ensure that all engineering cost incurred are reimbursable.

13. What is the source and date of your cost estimate?
 Nolte Engineering. Projects were combined in March 2004 to save expenses in construction, construction management and engineering.

14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cost (a*b)?	
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Operational Impact (Operations, Maintenance & Repairs)

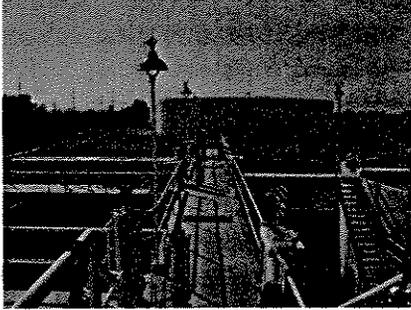
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

16. Describe source of funds used or to be used in Question 15 above.
 N/A

17. What is the source and date of your cost estimate?
 Paul Steward, Water Plant Supervisor 3/04

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WATER DIVISION
PROJECT NUMBER 04.002
REPAIR STORAGE TANKS NUMBERS 1 AND 3**



Description: This project is to make capital repairs to water storage tanks numbers one (1) and three (3). These repairs are needed to ensure storage capacity for City water supplies. The tanks were inspected by the Department of Health Services at which time it was identified that the tank should be taken down, cleaned and repaired.

Justification: Increase our filtration capacity, which will allow us to increase our storage capacity and improve services to the community.

Operating Budget Effect: This will have a minimal effect on the operating budget.

Relationship to General Plan: This project conforms with the Water Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: The project should be completed by the end of FY 2006. Nolte Associates will complete the design and engineering for this project. They have submitted a scope of services, which will be presented to Council in May 2004.

Status: Nolte Associates has been authorized to begin design for the rehabilitation of both storage tanks. These two projects were combined to save engineering, design and construction costs. Actual work on these tanks should begin in October 2004.

Project Manager:
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**Public Works/Engineering Department ~ Water Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004	
Public Works		Brammer/5182		5. Project Category:			
2a. Name of Project		2b. Project #		Building and Facilities		Transportation	
Repair Tanks 1 & 3		WPT 04.002		Parks and Recreation		XX Water	
3. Location of Project				Public Safety		Wastewater	
Water Treatment Plant				General Government		Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:			
New		15		XX		Infrastructure Development	
Addition		9. Department Priority		Community Enhancement			
XX Renovation				Community Preservation			

10. Description of Project and Justification (write in space below).
 This project is to make capital repairs to water storage tanks numbers one (1) and three (3). These repairs are needed to ensure storage capacity for City water supplies. To maintain adequate storage capacity.

11. Project Sources and Uses of Funds

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates		0	0	0	0	0	0	0
Capacity Fees		0	0	0	0	0	0	0
Current Loan		0	0	0	0	0	0	0
New Loan		0	700,000	0	0	0	0	700,000
Total Source	0	0	700,000	0	0	0	0	700,000

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	700,000	0	0	0	0	700,000
Total Costs	0	0	700,000	0	0	0	0	700,000

12. Describe source of funds used or to be used in Question 11 above.
 Funds for Engineering and Construction were budgeted in FY 2003, however, the project has not begun. Nolte Engineering has determined that this project can not be charged to Capacity Fees. A new loan in combination with the filtration system and control panel upgrade will be obtained to finance beginning in FY 2005.

13. What is the source and date of your cost estimate?
 New Loan

14.a What is the sq. ft. N/A 14.b Cost per sq. ft.? N/A 14.3 Total Cost (a*b)?

Operational Impact (Operations, Maintenance & Repairs)

15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) **THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE**

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

16. Describe source of funds used or to be used in Question 15 above.
 N/A

17. What is the source and date of your cost estimate?
 Paul Steward, Water Plant Supervisor

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WATER DIVISION
PROJECT NUMBER 05.003
ADDITIONAL CLARIFIER, SLUDGE BASINS, STORAGE CAPACITY**



Description: This project is to add a third clarifier, additional sludge basins, and additional raw water storage capacity.

Justification: As the City has increased our filtration capacity due to the filtration system upgrade we improved capacity. This will require that we increase our clarification capacity in order to meet the needs of the community and the additional clarifier project will serve that purpose. The additional raw water storage pond will ensure the City's water supply for approximately 10 days in

case of earthquake or other major disasters that could cause water supply disruption.

Operating Budget Effect: The project will have minimal effect on the operation and maintenance budget.

Relationship to General Plan: This project conforms with the Water Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: On May 5, 2004, Council authorized Nolte Associates to begin design and engineering of the project. The scheduled construction begin date is August 2006 with completion in February 2007.

Status: Design and Engineering on the project has begun.

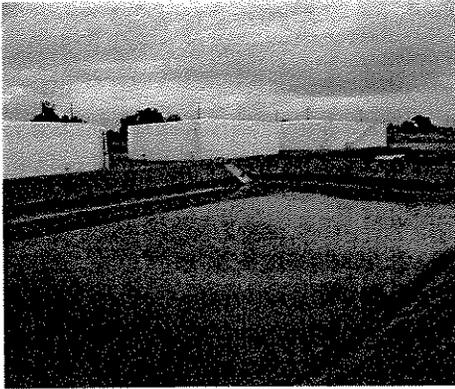
Project Manager:
psteward@cityofelcentro.org

Paul Steward, Water Treatment Plant Supervisor
Phone (760) 337-3177 Fax (760) 337-3172

**Public Works/Engineering Department ~ Water Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		Brammer/5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities			Transportation	
Raw Water Ponds, Clarifier and Sludge Basin		W 05.003		Parks and Recreation			XX	Water
3. Location of Project				Public Safety			Wastewater	
Water Treatment Plant				General Government			Drain Control	
7. Construction		8. Useful Life (years)		6. Project Classification:				
New				XX Infrastructure Development				
XX Addition		9. Department Priority		Community Enhancement				
Renovation				Community Preservation				
10. Description of Project and Justification (write in space below).								
This project will increase the raw water storage capacity for the treatment plant, which will increase water treatment capacity. This project is to add a clarifier and sludge pond to the current water treatment plant.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates		0	0	0	0	0	0	0
Capacity Fees		0	0	0	0	0	0	0
Current Loan		0	0	0	0	0	0	0
New Loan		78,276	234,828	2,640,000	1,680,000	0	0	4,633,104
Total Source	0	78,276	234,828	2,640,000	1,680,000	0	0	4,633,104
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	78,278	234,828	0	0	0	0	313,106
Construction	0	0	0	2,640,000	1,680,000	0	0	4,320,000
Total Costs	0	78,278	234,828	2,640,000	1,680,000	0	0	4,633,106
12. Describe source of funds used or to be used in Question 11 above.								
New Loan. The Raw Water Ponds and the Clarifier can be charged 90% to capacity and 10% to rates. The storage basin project can NOT be charged to capacity it is 100% rates.								
13. What is the source and date of your cost estimate?								
Nolte proposal dated March 1, 2004								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
N/A								
17. What is the source and date of your cost estimate?								
Paul Steward, Water Plant Supervisor								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WATER DIVISION
PROJECT NUMBER 07.001
REHAB EXISTING STORAGE BASIN**



Description: This project is to make capital maintenance and repairs to water storage basin, which will remove sediment to allow for efficient storage of water.

Justification: Rehab to existing storage basins remove sediment build up so that the City can regain water storage capacity. It has been determined that about 25% of the existing storage basin has been filled with sediment. Removing the sediment will also improve taste and odor of the City's water.

Operating Budget Effect: This will have a minimal effect on the operating budget.

Relationship to General Plan: This project conforms with the Water Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: This project is scheduled to begin in FY 2007.

Status: This project has not started, as it will need to follow at least one year after the addition of a storage pond in 2006. This is necessary, as the rehabilitation of the pond will require that the pond be taken out of service for months.

Project Manager:
psteward@cityofelcentro.org

Paul Steward, Water Treatment Plant Supervisor
Phone (760) 337-3177 Fax (760) 337-3172

**Public Works/Engineering Department ~ Water Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		Brammer/5182		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities				Transport.	
Rehab Existing Storage		WTP 07.001		Parks and Recreation		XX		Water	
3. Location of Project				Public Safety				Wastewater	
Water Treatment Plant				General Government				Drain Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX New		30		XX		Infrastructure Development			
		Addition		9. Department Priority		Community Enhancement			
		Renovation				Community Preservation			
10. Description of Project and Justification (write in space below).									
Rehab Existing Storage Basin after completion of the new storage basin.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates			0	0	0	0	0	0	0
Capacity Fees			0	0	0	0	0	0	0
Current Loan			0	0	0	0	0	0	0
New Loan			0	0	0	0	1,150,000	0	1,150,000
Total Source		0	0	0	0	0	1,150,000	0	1,150,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	0	0	115,000	0	0	115,000
Construction		0	0	0	0	0	415,000	620,000	1,035,000
Total Costs		0	0	0	0	115,000	415,000	620,000	1,150,000
12. Describe source of funds used or to be used in Question 11 above.									
New loan from CIEDB or other source as determined. The financing of this project should begin in early FY 2005 and should ensure that all engineering cost incurred are reimbursable.									
13. What is the source and date of your cost estimate?									
Nolte Engineering. Projects were combined in March 2004 to save expenses in construction, construction management and engineering.									
14.a What is the sq. ft.?		N/A	14.b Cost per sq. ft.?		N/A	14.3 Total Cost (a*b)?			
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
N/A									
17. What is the source and date of your cost estimate?									
Paul Steward, Water Plant Supervisor 3/04									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WATER DIVISION
PROJECT NUMBER 08.001
AUSTIN ROAD WATER LINE**



Description: The purpose of the Austin Road Water Line is to develop the southwestern portion of the City's sphere of influence. The line will extend from Farmer's Estates west to Austin then north to loop with existing water lines.

Justification: Relationship to General Plan: This project conforms to the Water Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Operating Budget Effect: This will have a minimal effect on the operating budget.

Relationship to General Plan: This project conforms to the City's General Plan as well as the Water Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: The project is scheduled to be engineered in 2008 and construction in FY 2008 and 2009.

Status: This project has not been started.

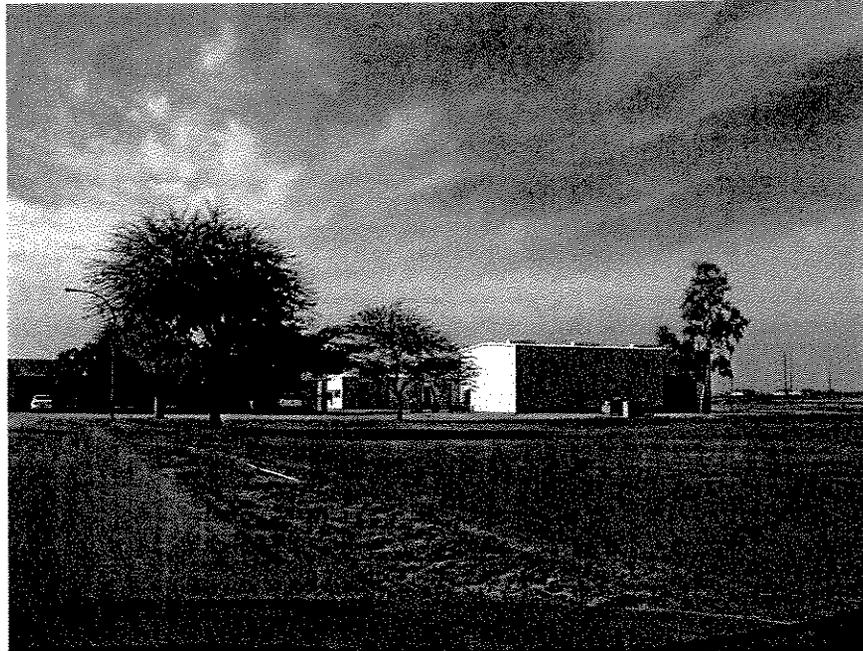
Project Manager:
psteward@cityofelcentro.org

Paul Steward, Water Treatment Plant Supervisor
Phone (760) 337-3177 Fax (760) 337-3172

**Public Works/Engineering Department ~ Water Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		Brammer/5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities				Transportation
Austin Road Water Line		W 08.001		Parks and Recreation		XX	Water	
3. Location of Project				Public Safety				Wastewater
Water Treatment Plant				General Government				Drain Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
XX	New			XX	Infrastructure Development			
	Addition	9. Department Priority		Community Enhancement				
	Renovation			Community Preservation				
10. Description of Project and Justification (write in space below).								
Austin Road Water Main. To provide reliability of water delivery to west and north areas of city.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Water Rates		0	0	0	0	0	0	0
Capacity Fees		0	0	0	0	0	0	0
Current Loan		0	0	0	0	0	0	0
New Loan		0	0	0	0	4,400,000	0	4,400,000
Total Source	0	0	0	0	0	4,400,000	0	4,400,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	590,000	0	590,000
Construction	0	0	0	0	0	0	3,960,000	3,960,000
Total Costs	0	0	0	0	0	590,000	3,960,000	4,550,000
12. Describe source of funds used or to be used in Question 11 above.								
New Loan for approximately \$4,400,000.								
13. What is the source and date of your cost estimate?								
Water and Wastewater Rate Study dated February 12, 2002. No new construction estimates are not available at this time.								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft		N/A		14.3 Total Cost (a*b)?		
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16 Describe source of funds used or to be used in Question 15 above.								
N/A								
17. What is the source and date of your cost estimate?								
N/A								

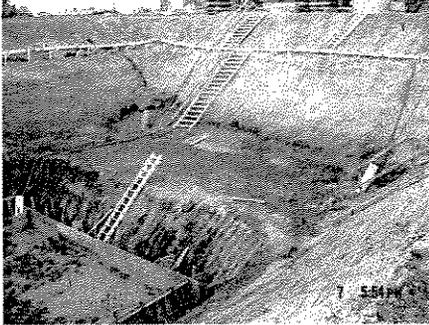
PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION



**Public Works Department ~ Wastewater Division Summary
 FY 2004 through 2009 Capital Improvement Program
 Wastewater Division Budget Request Summary**

1a. Department Name Public Works		1b. Contact/Phone 337-4505		4. Date Submitted: May 26, 2004				
				5. Project Category:				
2a. Name of Project Wastewater Division		2b. Project # All WWTP Projects		XX	Wastewater Treatment Plant	XX	Wastewater Collection	
3. Location of Project Water Treatment Plant and throughout City					Parks and Recreation		Water	
7. Construction XX New		8. Useful Life (years) Various		XX	6. Project Classification: Infrastructure Development			
XX Addition		9. Department Priority			Community Enhancement			
XX Renovation					Community Preservation			
10. Description of Projects and Project Numbers								
Alder Sewer WW 9527				Perimeter Fencing - WW 05.001				
Laboratory Upgrade - WW 05.002				Lagoon Improvements - WW 05.003				
Sludge Drying Ponds, UV Unit, Belt Press - WW 05.004				Refine Sewer Lines - WWUU 05.006				
Brushes for the Clarifier WW 04.002				Main and East Side Lift Station Improvements - WW 05.005				
				Lotus Sewer Line WW 07.001				
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates	0	104,500	725,000	0	0	0	0	829,500
1997 Bond Funds	0	2,676,130	0	0	0	0	0	2,676,130
RDA	0	508,000	0	0	0	0	0	508,000
CIEDB existing Loan	0	4,000,000	0	0	0	0	0	4,000,000
Capacity Fees	0	600,000	0	0	0	0	0	600,000
New Loan	0	64,680	2,028,020	5,875,000	0	0	7,500,000	15,467,700
Total Source	0	7,953,310	2,753,020	5,875,000	0	0	7,500,000	24,081,330
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	534,685	353,020	0	0	0	0	887,705
Land Acquisition	0	577,003	0	0	0	0	0	577,003
Construction	0	7,141,248	2,500,000	5,875,000	0	0	7,500,000	23,016,248
Total Costs	0	8,252,936	2,853,020	5,875,000	0	0	7,500,000	24,480,956
12. Describe source of funds used or to be used in Question 11 above.								
Wastewater Rates and new loan in 2005 and 2007								
13. What is the source and date of your cost estimate?								
Noite Engineering has prepared an estimated for engineering, construction management and construction.								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	400	400	400	400	1,600
Services and Supplies	0	0	0	-4,500	-4,250	-4,000	-3,750	-16,500
Total Costs	0	0	0	(4,100)	(3,850)	(3,600)	(3,350)	-14,900
16. Describe source of funds used or to be used in Question 15 above.								
Enterprise Funds								
17. What is the source and date of your cost estimate?								
City Staff Estimates								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
PROJECT NUMBER 03.014
ALDER SEWER PROJECT**



Description: Install sewer line from the Wastewater Treatment Plant to the new development south of the Interstate on Dogwood Road.

Justification: Allow for future development south of the Interstate and east of dogwood road.

Operating Budget Effect: This will have a minimal effect on the operating budget.

Relationship to General Plan: This project conforms to the City's General Plan as well as the Wastewater Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: The project should be completed in summer of 2004.

Status: This project has developed in two phases. Phase one (1), the construction of the Alder sewer line from the Wastewater Treatment Plant across Highway 86 was completed in 2002. The second phase has been engineered and construction began in October 2003 on this project. Some of the route locations were modified to ease right-of-way acquisition and it was determined that the Alder waterline could benefit from following several segments of the sewer route.

Council awarded the bid for construction of the Alder sewer project to Granite Construction and the construction management contract was awarded to Nolte Engineering. Funds from the California Infrastructure and Environmental Development Bank along with a 1997 bond, Redevelopment Agency and capacity fees will be used to complete this project.

Staff presented to City Council an update on the Alder Sewer Project during their regular meeting on May 19, 2004. Monthly reports are anticipated as this project nears completion.

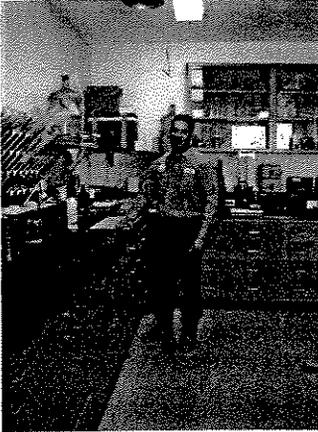
Project Manager:
rhines@cityofelcentro.org

Randy Hines, Wastewater Plant Supervisor
Phone (760) 337-4562 Fax (760) 337-4563

**Public Works/Engineering Department ~ Wastewater Division
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		337-4505		5. Project Category:					
2a. Name of Project		2b. Project #				Building and Facilities		Transportation	
Alder Sewer		WW 9527				Parks and Recreation		Water	
3. Location of Project						Public Safety		XX Wastewater	
Throughout the City						General Government		Drain Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX New				XX		Infrastructure Development			
		Addition		9. Department Priority		Community Enhancement			
		Renovation				Community Preservation			
10. Description of Project and Justification (write in space below).									
Provide sewer collection service to the east area and to the Regional Mall.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds									
	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Wastewater Rates	0	0	0	0	0	0	0	0	
1997 Bond Funds	0	2,676,130	0	0	0	0	0	2,676,130	
RDA	0	508,000	0	0	0	0	0	508,000	
CIEDB	0	4,000,000	0	0	0	0	0	4,000,000	
Capacity Fees	0	600,000	0	0	0	0	0	600,000	
New Loan	0	0	0	0	0	0	0	0	
Total Source	0	7,784,130	0	0	0	0	0	7,784,130	
Project Costs									
Project Costs									
	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Engineering	0	465,505	0	0	0	0	0	465,505	
Land Acquisition	0	577,003	0	0	0	0	0	577,003	
Construction	0	7,141,248	0	0	0	0	0	7,141,248	
Total Costs	0	8,183,756	0	0	0	0	0	8,183,756	
12. Describe source of funds used or to be used in Question 11 above.									
This project is being funded by the Redevelopment Agency, proceeds from a 1997 Bond, Capacity Fees and a loan from the California Infrastructure and Development Bank.									
13. What is the source and date of your cost estimate?									
Actual contracts and expenditures as of April 15, 2004. Expected to be over budget approx. \$400,000 due to additional ROW/legal fees.									
14.a What is the sq. ft.?		N/A		14.b Cost per sq. ft.?		N/A		14.3 Total Cd	
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to									
OM&R Costs									
	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Personnel Services	0	0	0	0	0	0	0	0	
Services and Supplies	0	0	0	0	0	0	0	0	
Total Costs	0	0	0	0	0	0	0	0	
16. Describe source of funds used or to be used in Question 15 above.									
Wastewater Rates									
17. What is the source and date of your cost estimate?									
Staff estimates									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
PROJECT NUMBER 03.012
FACILITY REMODEL**



Description: Remodel existing facility to upgrade offices, increase laboratory space and add a women's restroom and shower area.

Justification: The Wastewater Treatment Plant office, laboratory and restroom facilities do not meet the needs of the Department. The increase in State and Federal regulations has necessitated an increase in testing as well as additional personnel. There currently are no separate restroom and shower facilities for female employees.

Operating Budget Effect: This will have a minimal effect on the operating budget. The only increase might be from additional cleaning and maintenance supplies required due to the remodel.

Relationship to General Plan: This project conforms to the City's General Plan as well as the Wastewater Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: The design for this project should be completed by the end of FY 2004 with construction of the project to begin in the fall of 2004.

Status: Nolte Engineering has provided an estimate to perform the necessary engineering and design services. The City has entered into an agreement with Nolte to perform these duties. Staff estimates that the construction will begin in the fall of 2004.

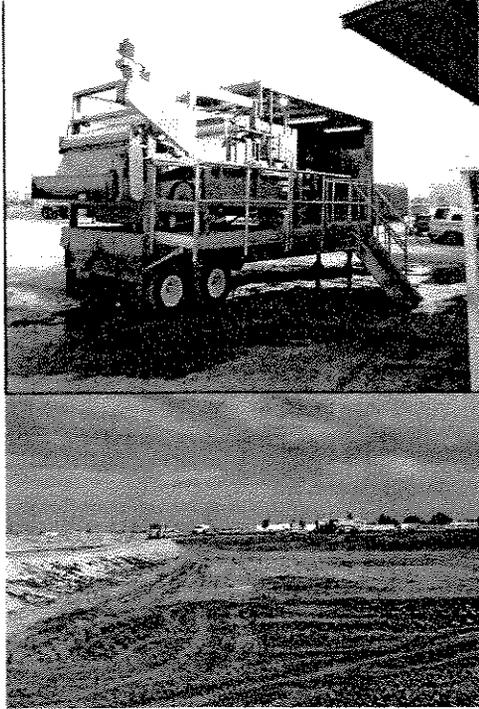
Project Manager:
rhines@cityofelcentro.org

Randy Hines, Wastewater Plant Supervisor
Phone (760) 337-4562 Fax (760) 337-4563

**Public Works/Engineering Department ~ Wastewater Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		337-4505		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Lab and Shower Upgrades		WWTP 05.002		Parks and Recreation		Water		
3. Location of Project				Public Safety		XX	Wastewater	
Wastewater Treatment Plant				General Government		Drain Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
New		10		XX		Infrastructure Development		
Addition		9. Department Priority		Community Enhancement				
XX		Renovation		Community Preservation				
10. Description of Project and Justification (write in space below).								
Office remodel that includes women restrooms, office and laboratory spaces. Budgeted in 2002 as two projects, combined in 2003.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates	0	4,500	150,000	0	0	0	0	154,500
1997 Bond Funds	0	0	0	0	0	0	0	0
RDA	0	0	0	0	0	0	0	0
CIEDB existing Loan	0	0	0	0	0	0	0	0
Capacity Fees	0	0	0	0	0	0	0	0
New Loan	0	0	0	0	0	0	0	0
Total Source	0	4,500	150,000	0	0	0	0	154,500
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	4,500	0	0	0	0	0	4,500
Land Acquisition	0	0	0	0	0	0	0	0
Construction	0	0	150,000	0	0	0	0	150,000
Total Costs	0	4,500	150,000	0	0	0	0	154,500
12. Describe source of funds used or to be used in Question 11 above.								
Wastewater Service Rates.								
13. What is the source and date of your cost estimate?								
Nolte Engineering has an agreement to design the project and will provide a revised construction estimate.								
14.a What is the sq. ft.?		N/A		14.b Cost per sq. ft.?		N/A		14.3 Total Cost
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
OM&R Costs								
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	250	500	750	1,000	2,500
Total Costs	0	0	0	250	500	750	1,000	2,500
16. Describe source of funds used or to be used in Question 15 above.								
Wastewater Rates								
17. What is the source and date of your cost estimate?								
Lab Supplies increase for additional testing								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
PROJECT NUMBER 03.013
SLUDGE DRYING BEDS, U V UNIT AND BUILDING, BELT PRESS**



Description: Sludge bed project calls for the construction of cement slabs to dry sludge. The UV unit and building is will enable the WWTP to disinfect eight million gallons of discharge per day.

Justification: *Sludge Drying Beds*-An estimated 60% of the sludge that is hauled to the recycler is dirt from the drying beds. The cement slabs will reduce the volume of dirt in the sludge thus reducing the cost to haul sludge from the Wastewater Treatment Plant. *UV Unit and Building*-The current UV unit only have the capacity to treat five million gallons per day. The UV Building will keep the units protected from the elements. And the installation of a new belt press will improve the sludge drying process. *Belt Press*-In 2001 a new Parkson belt press was installed. However it has been determined that an additional belt press would improve operations and facilitate the drying process.

Operating Budget Effect: These projects will have an effect on the operation and maintenance budget. The Sludge Drying Beds project is expected to lower the Wastewater Treatment Plant operating budget by approximately \$30,000 per year as the cost to transport sludge is reduced. UV Unit and Building will have a minimal effect on the operating budget. The Belt Press project will have a minor effect on the operating budget as the belt press will need to be maintained and serviced on a regular schedule.

Relationship to General Plan: These projects conform to the City's General Plan as well as the Wastewater Enterprise Master Plan developed in 2000 and the Rate Study completed in 2002.

Scheduling: The engineering and design of the projects should be completed by the end by September 2004 and it is estimated that the construction should begin by January 2005 with project completion estimated at December 2006.

Status: The engineering for this project will be presented to Council in May 2004.

Project Manager:
rhines@cityofelcentro.org

Randy Hines, Wastewater Plant Supervisor
Phone (760) 337-4562 Fax (760) 337-4563

**Public Works/Engineering Department ~ Wastewater Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		337-4505		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities		Transportation			
Sludge Bed, UV, Press		WW 05.004		Parks and Recreation		Water			
3. Location of Project				Public Safety		XX		Wastewater	
Wastewater Treatment Plant				General Government		Drain Control			
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX New				XX Infrastructure Development					
		Addition		9. Department Priority		Community Enhancement			
		Renovation		Community Preservation					
10. Description of Project and Justification (write in space below).									
Install new belt press to improve sludge drying process. Install a back up Ultra Violet Unit and building, which will increase the amount of discharge that can be processed and which will allow for redundant treatment in case of equipment failure. Construct sludge drying beds to reduce cost for transporting sludge.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates		0	0	0	0	0	0	0	0
1997 Bond Funds		0	0	0	0	0	0	0	0
RDA		0	0	0	0	0	0	0	0
CIEDB existing Loan		0	0	0	0	0	0	0	0
Capacity Fees		0	0	0	0	0	0	0	0
New Loan		0	64,680	1,298,120	1,255,000	0	0	0	2,617,800
Total Source		0	64,680	1,298,120	1,255,000	0	0	0	2,617,800
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	64,680	43,120	0	0	0	0	107,800
Land Acquisition		0	0	0	0	0	0	0	0
Construction		0	0	1,255,000	1,255,000	0	0	0	2,510,000
Total Costs		0	64,680	1,298,120	1,255,000	0	0	0	2,617,800
12. Describe source of funds used or to be used in Question 11 above.									
These projects was identified in the Water and Wastewater Rate Study. These three projects have been combined to save costs. This project will be financed.									
13. What is the source and date of your cost estimate?									
Nolte Engineering March 1, 2004									
14.a What is the sq. ft.?		N/A	14.b Cost per sq. ft.?		N/A	14.3 Total Cost			
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	400	400	400	400	1,600
Services and Supplies		0	0	0	(4,750)	(4,750)	(4,750)	(4,750)	-19,000
Total Costs		0	0	0	(4,350)	(4,350)	(4,350)	(4,350)	-17,400
16. Describe source of funds used or to be used in Question 15 above.									
Wastewater Rates									
17. What is the source and date of your cost estimate?									
Some saving estimated in hauling sludge costs, offset by increase in additional electrical and maint of UV and Press									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
PROJECT NUMBER 04.01
BRUSHES FOR CLARIFIERS**



Description: The brushes are needed to remove algae from the secondary clarifier.

Justification: Relationship to General Plan: This project is needed due to the increase in collection and treatment process.

Operating Budget Effect: This will have a minimal to no effect on the operating budget.

Relationship to General Plan: None

Scheduling: The project should be completed by the end of FY 2005.

Status: This project will not begin until the later part of FY 2005.

Project Manager:
rhines@cityofelcentro.org

Randy Hines, Wastewater Plant Supervisor
Phone (760) 337-4562 Fax (760) 337-4563

**Public Works/Engineering Department ~ Wastewater Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		337-4505		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities				Transportation	
Brushes for Clarifier		WW 04.009		Parks and Recreation				Water	
3. Location of Project				Public Safety		XX		Wastewater	
Wastewater Treatment Plant				General Government				Drain Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX New				XX Infrastructure Development					
		Addition		9. Department Priority		Community Enhancement			
		Renovation		Community Preservation					
10. Description of Project and Justification (write in space below).									
The brushes are needed to remove algae from the secondary clarifier									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates		0	100,000	0	0	0	0	0	100,000
1997 Bond Funds		0	0	0	0	0	0	0	0
RDA		0	0	0	0	0	0	0	0
CIEDB existing Loan		0	0	0	0	0	0	0	0
Capacity Fees		0	0	0	0	0	0	0	0
New Loan		0	0	0	0	0	0	0	0
Total Source		0	100,000	0	0	0	0	0	100,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	0	0	0	0	0	0
Land Acquisition			0	0	0	0	0	0	0
Construction		0	0	100,000	0	0	0	0	100,000
Total Costs		0	0	100,000	0	0	0	0	100,000
12. Describe source of funds used or to be used in Question 11 above.									
This project has been identified by staff and was budgeted for \$100,000 in FY 2004. Council authorized the purchase of the brushes and the construction should be complete in FY 2005.									
13. What is the source and date of your cost estimate?									
Staff estimates									
14.a What is the sq. ft.?		N/A		14.b Cost per sq. ft.?		N/A		14.3 Total Cd	
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
Wastewater Rates									
17. What is the source and date of your cost estimate?									
Staff estimates									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
PROJECT NUMBER 04.02
PERIMETER FENCING**



Description: The fencing is needed as several sections of the perimeter fence are failing.

Justification: The current fencing around the plant needs to be replaced or repaired. Due to the Homeland security measures the Treatment plant is required to increase security at their facilities.

Operating Budget Effect: This will have a minimal to no effect on the operating budget.

Relationship to General Plan: None

Scheduling: The project should be completed by the end of FY 2005.

Status: This project will not begin until the later part of FY 2005.

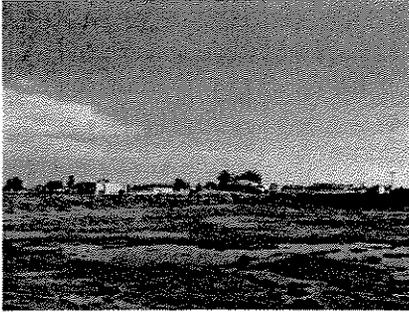
Project Manager:
rhines@cityofelcentro.org

Randy Hines, Wastewater Plant Supervisor
Phone (760) 337-4562 Fax (760) 337-4563

**Public Works/Engineering Department ~ Wastewater Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		337-4505		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Perimeter fence		WW 05.001		Parks and Recreation		Water		
3. Location of Project				Public Safety		XX		Wastewater
Wastewater Treatment Plant				General Government		Drain Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
New				XX		Infrastructure Development		
Addition		9. Department Priority		Community Enhancement				
XX		Renovation		Community Preservation				
10. Description of Project and Justification (write in space below).								
The current fencing around the Wastewater Plant needs to be replaced and or repaired. Due to the increase in homeland security measures, the WWTP is required to improve security measures. This perimeter fencing will provide for additional security.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates	0	0	250,000	0	0	0	0	250,000
1997 Bond Funds	0	0	0	0	0	0	0	0
RDA	0	0	0	0	0	0	0	0
CIEDB existing Loan	0	0	0	0	0	0	0	0
Capacity Fees	0	0	0	0	0	0	0	0
New Loan	0	0	0	0	0	0	0	0
Total Source	0	0	250,000	0	0	0	0	250,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0
Construction	0	0	250,000	0	0	0	0	250,000
Total Costs	0	0	250,000	0	0	0	0	250,000
12. Describe source of funds used or to be used in Question 11 above.								
This project has been identified by staff and was budgeted for \$150,000 in FY 2004, however this project will not begin until FY 2005 and projected cost has increased to \$250,000.								
13. What is the source and date of your cost estimate?								
Staff estimates								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cd				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
Wastewater Rates								
17. What is the source and date of your cost estimate?								
Staff estimates								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
EMERGENCY LAGOON IMPROVEMENTS**



Description: This project will make necessary improvements to the emergency lagoon.

Justification: The improvements will slope the lagoon to one point thus improving the time required to drain and dry the emergency lagoon.

Operating Budget Effect: This will have a minimal to no effect on the operating budget.

Relationship to General Plan: None

Scheduling: The project should be completed by the end of FY 2005.

Status: This project will not begin until FY 2005.

Project Manager:
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Randy Hines, Wastewater Plant Supervisor
Phone (760) 337-4562 Fax (760) 337-4563

**Public Works/Engineering Department ~ Wastewater Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		337-4505		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Lagoon Improvements		WW 05.003		Parks and Recreation		Water		
3. Location of Project				Public Safety		XX	Wastewater	
Wastewater Treatment Plant				General Government		Drain Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
New				XX		Infrastructure Development		
Addition		9. Department Priority		Community Enhancement				
XX		Renovation		Community Preservation				
10. Description of Project and Justification (write in space below).								
To slope and improve drainage in the emergency lagoon as well as underground ditches which feed and drain the lagoon.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates	0	0	125,000	0	0	0	0	125,000
1997 Bond Funds	0	0	0	0	0	0	0	0
RDA	0	0	0	0	0	0	0	0
CIEDB existing Loan	0	0	0	0	0	0	0	0
Capacity Fees	0	0	0	0	0	0	0	0
New Loan	0	0	0	0	0	0	0	0
Total Source	0	0	125,000	0	0	0	0	125,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Land Acquisition	0	0	0	0	0	0	0	0
Construction	0	0	125,000	0	0	0	0	125,000
Total Costs	0	0	125,000	0	0	0	0	125,000
12. Describe source of funds used or to be used in Question 11 above.								
This project has been identified by staff and was budgeted for FY \$125,000.								
13. What is the source and date of your cost estimate?								
Staff estimates								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cost				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
Wastewater Rates								
17. What is the source and date of your cost estimate?								
Staff estimates								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
RE-LINING OF SEWER LINES**



Description: This project will make necessary improvements to several underground sewer lines.

Justification: The improvements are needed as several feet of line are cracked and decayed.

Operating Budget Effect: This will have a minimal to no effect on the operating budget.

Relationship to General Plan: None

Scheduling: The project should be completed by the end of FY 2005.

Status: This project will not begin until the later part of FY 2005.

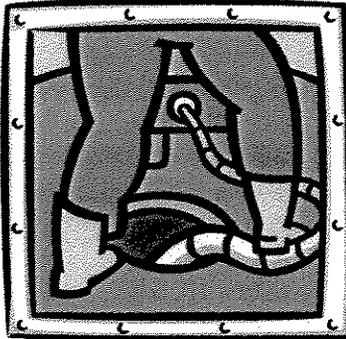
Project Manager:
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**Public Works/Engineering Department ~ Wastewater Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		337-4505		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities		Transportation			
Reline sewer lines		WWUU 05.006		Parks and Recreation		Water			
3. Location of Project				Public Safety		XX		Wastewater	
Various throughout City				General Government		Drain Control			
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX	New	XX	Infrastructure Development						
	Addition	9. Department Priority		Community Enhancement					
	Renovation	Community Preservation							
10. Description of Project and Justification (write in space below).									
Reline old sewer lines to ensure reliability									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates		0	0	200,000	0	0	0	0	200,000
1997 Bond Funds		0	0	0	0	0	0	0	0
RDA		0	0	0	0	0	0	0	0
CIEDB existing Loan		0	0	0	0	0	0	0	0
Capacity Fees		0	0	0	0	0	0	0	0
New Loan		0	0	0	0	0	0	0	0
Total Source		0	0	200,000	0	0	0	0	200,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	0	0	0	0	0	0
Land Acquisition		0	0	0	0	0	0	0	0
Construction		0	0	200,000	0	0	0	0	200,000
Total Costs		0	0	200,000	0	0	0	0	200,000
12. Describe source of funds used or to be used in Question 11 above.									
This project has been identified by the Underground Utility Division Supervisor as need in various locations throughout the									
13. What is the source and date of your cost estimate?									
Underground Utilities Supervisor and estimate from vender									
14.a What is the sq. ft.?		N/A		14.b Cost per sq. ft.?		N/A		14.3 Total Cost (a*)	
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
N/A									
17. What is the source and date of your cost estimate?									
Underground Utilities Supervisor									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
MAIN AND EAST SIDE LIFT STATIONS**



Description: This project will construct a dry pit-wet pit configuration at the East Side Lift Station site and make repairs to the existing wet well at the Main Lift Station site.

Justification: The improvements are needed the East Side Lift Station presents does not meet the City's needs and the Main Lift Station does not allow for the use of submersible pumps.

Operating Budget Effect: This will have a minimal to no effect on the operating budget.

Relationship to General Plan: None

Scheduling: The project should be completed by the end of FY 2006.

Status: The design and engineering of this project has been authorized by Council on May 5, 2004. The projected start time is in June of 2005.

Project Manager:
rhines@cityofelcentro.org

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**Public Works/Engineering Department ~ Wastewater Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		337-4505		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Main and East Lift Station		WW 05.005		Parks and Recreation		Water		
3. Location of Project				Public Safety		XX		Wastewater
Locations in City				General Government		Drain Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
XX	New			XX	Infrastructure Development			
	Addition			9. Department Priority				Community Enhancement
XX	Renovation			Community Preservation				
10. Description of Project and Justification (write in space below).								
Make improvements to the Main Lift Station and completely renovate the East Side Lift Station.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates	0	0	0	0	0	0	0	0
1997 Bond Funds	0	0	0	0	0	0	0	0
RDA	0	0	0	0	0	0	0	0
CIEDB existing Loan	0	0	0	0	0	0	0	0
Capacity Fees	0	0	0	0	0	0	0	0
New Loan	0	0	729,900	4,620,000	0	0	0	5,349,900
Total Source	0	0	729,900	4,620,000	0	0	0	5,349,900
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	309,900	0	0	0	0	309,900
Land Acquisition	0	0	0	0	0	0	0	0
Construction	0	0	420,000	4,620,000	0	0	0	5,040,000
Total Costs	0	0	729,900	4,620,000	0	0	0	5,349,900
12. Describe source of funds used or to be used in Question 11 above.								
These projects was identified in the Water and Wastewater Rate Study. These three projects have been combined to save costs. This project will be financed.								
13. What is the source and date of your cost estimate?								
Nolte Engineering March 1, 2004								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cost				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
Wastewater Rates								
17. What is the source and date of your cost estimate?								
City Staff Estimates								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WASTEWATER DIVISION
LOTUS SEWER LINE**



Description: This project will provide sewer service to the west side of the City

Justification: The improvements are needed for growth.

Operating Budget Effect: This will have a minimal to no effect on the operating budget.

Relationship to General Plan: Conforms to the City Water and Wastewater Master Plan

Scheduling: The project should be completed by the end of FY 2009.

Status: This project will not begin until the later part of FY 2008.

Project Manager:
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**Public Works/Engineering Department ~ Wastewater Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		337-4505		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities		Transportation			
Lotus		WWUU 09.001		Parks and Recreation		Water			
3. Location of Project				Public Safety		XX	Wastewater		
Various throughout City				General Government			Drain Control		
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX	New			XX	Infrastructure Development				
	Addition	9. Department Priority		Community Enhancement					
	Renovation			Community Preservation					
10. Description of Project and Justification (write in space below).									
Install sewer line along Lotus Canal									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Wastewater Rates		0	0	0	0	0	0	0	0
1997 Bond Funds		0	0	0	0	0	0	0	0
RDA		0	0	0	0	0	0	0	0
CIEDB existing Loan		0	0	0	0	0	0	0	0
Capacity Fees		0	0	0	0	0	0	0	0
New Loan		0	0	0	0	0	0	7,500,000	7,500,000
Total Source		0	0	0	0	0	0	7,500,000	7,500,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	0	0	0	0	0	0
Land Acquisition		0	0	0	0	0	0	0	0
Construction		0	0	0	0	0	0	7,500,000	7,500,000
Total Costs		0	0	0	0	0	0	7,500,000	7,500,000
12. Describe source of funds used or to be used in Question 11 above.									
This project has been identified in the Water and Wastewater Rate Case									
13. What is the source and date of your cost estimate?									
Nolte Engineering Water and Wastewater Rate Study									
14.a What is the sq. ft.?		N/A	14.b Cost per sq. ft.		N/A		14.3 Total Cost (a*b)		
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
N/A									
17. What is the source and date of your cost estimate?									
Underground Utilities Supervisor									

PUBLIC WORKS/ENGINEERING DEPARTMENT

SUPPORT SERVICES



**Public Works/Engineering Department ~ Support Services Division
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		337-4505		5. Project Category:					
2a. Name of Project		2b. Project #		XX		Support Services		XX	Transportation
Support Services		All SSD Projects				Parks and Recreation			Water
3. Location of Project						Public Safety			Wastewater
Throughout the City				XX		General Government			Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX		New		Various		XX		Infrastructure Development	
XX		Addition		9. Department Priority		Community Enhancement			
XX		Renovation		Community Preservation					
10. Description of Projects and Project Numbers									
Gateway to El Centro SSD 03.019					Bikeway System SSD 01.016				
Bus Shelters									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Transportation Enhancement Act (TEA)	1,497,042	0	0	0	0	0	0	1,497,042	
Bicycle Transportation	389,475	0	0	0	0	0	0	389,475	
Safe Routes to Schools	424,851	0	0	0	0	0	0	424,851	
Local Transp. Authority	0	20,000	280,000	0	0	0	0	300,000	
Cal Trans Grant	0	0	300,000	0	0	0	0	300,000	
Article 3	0	23,000	0	0	0	0	0	23,000	
STIP	0	0	0	0	0	0	0	0	
Article 8E funds	0	0	50,000	0	0	0	0	50,000	
Total Source	2,311,368	43,000	630,000	0	0	0	0	2,984,368	
Project Costs									
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Engineering	410,537	15,000	210,000	0	40,000	0	0	675,537	
Construction	0	0	1,910,000	0	2,760,000	0	0	4,670,000	
Other Misc.	0	0	0	0	0	0	0	0	
Land Acquisition	0	10,000	200,000	200,000	0	0	0	410,000	
								0	
Total Costs	410,537	25,000	2,320,000	200,000	2,800,000	0	0	5,755,537	
12. Describe source of funds used or to be used in Question 11 above.									
This project was included in the Water Treatment Plant FY 2003 budget, however, the contract for construction was not let until December									
13. What is the source and date of your cost estimate?									
Contract for Engineering with Nolte Associates provided the construction estimates. Engineering contract with Nolte was for \$14,500. When									
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Personnel Services	0	0	0	0	0	0	0	0	
Services and Supplies	0	0	10,000	9,900	9,615	32,339	29,571	91,425	
Total Costs	0	0	10,000	9,900	9,615	32,339	29,571	91,425	
16. Describe source of funds used or to be used in Question 15 above.									
General Fund									
17. What is the source and date of your cost estimate?									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
SUPPORT SERVICES DIVISION
GATEWAY INTO THE CITY OF EL CENTRO**



Description: Design and construct signs and or landscaping to identify the northern entrance into the City of El Centro.

Justification: Notice that the City of El Centro welcomes visitors and residents and upon leaving the City wishing them well and a welcome return.

Operating Budget Effect: This will have a minimal effect on the operating budget other than minor

maintenance and repairs as needed.

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element there of. This project is being developed in cooperation with the City of El Centro Chamber of Commerce Beautification Committee. Members from the City include the Acting Director of Public Works/Engineering Department as well as the Streets Division Supervisor.

Scheduling: The project should be completed by the end of FY 2005 depending on the timing of design approval.

Status: Staff has presented to Council several designs, which were developed by the Chamber of Commerce Beautification Committee and Cal Trans design engineers. Council requested that staff return to the drawing board and look again to develop a landscaped design, which includes a welcome sign that can be placed in the center median of Highway 86. At this time, Cal Trans has not returned with a modified design for the signage. This project has been developed in coordination with the Chamber of Commerce Beautification Committee.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Carl Fowler, Street Maintenance Supervisor

**Public Works/Engineering Department ~ Support Services Division
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		337-4505		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Gateway to the City		3.019		Parks and Recreation		Water		
3. Location of Project				Public Safety		Wastewater		
Various City Streets				XX		General Government		Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
XX	New			Infrastructure Development				
	Addition	9. Department Priority		X	Community Enhancement			
	Renovation			X	Community Preservation			
10. Description of Project and Justification (write in space below).								
Signs to welcome to the City of El Centro								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Local Transportation	0	0	0	0	0	0	0	0
Cal Trans Grant	0	0	300,000	0	0	0	0	300,000
Article 3	0	0	0	0	0	0	0	0
STIP	0	0	0	0	0	0	0	0
CAL Trans	0	0	0	0	0	0	0	0
Developmental Fees	0	0	0	0	0	0	0	0
Total Source	0	0	300,000	0	0	0	0	300,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	300,000	0	0	0	0	300,000
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Total Costs	0	0	300,000	0	0	0	0	300,000
12. Describe source of funds used or to be used in Question 11 above.								
This project was identified by the City and Chamber Beautification Committee and Cal Trans District 11 has promised funds to construct this project and has provided a draft design.								
13. What is the source and date of your cost estimate?								
Cal Trans								
14.a What is the sq. ft.?	N/A	14.b Cost per sq. ft.?	N/A	14.3 Total Cost (a*				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	200	206	212	219	837
Total Costs	0	0	0	200	206	212	219	837
16. Describe source of funds used or to be used in Question 15 above.								
Maintenance on signs								
17. What is the source and date of your cost estimate?								
General Fund as determined by City Staff								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
SUPPORT SERVICES DIVISION
PROJECT NUMBER SSD 01.016
CITYWIDE BIKEWAY SYSTEM**



Description: A Bikeway System of Class I bikeways, Class II lanes and Class III routes throughout the city.

Justification The Bikeway System will construct sections of the Master Bike Plan that was designed to make El Centro more bicycle friendly, to reduce traffic, increase alternative transportation choices and improve air quality.

Operating Budget Effect: While Class II and III Routes are not expected to have an impact on operational budgets, the construction in FY 2007 of the Class I Route along La Brucherie Avenue, known as the “La Brucherie Greenbelt” will install new landscaping and require maintenance and upkeep. The landscaped portion of La Brucherie Greenbelt is estimated at 1.1 miles. Parks Maintenance expects to use contracted landscape maintenance to maintain the bikeway.

Per Mile	1st Year	2nd Year	3 rd Year
<ul style="list-style-type: none"> • Estimated contracted cost to maintain the Greenbelt (includes trash pickup, repairing sprinklers, tree and shrub maintenance, and weed control) • Sprinkler replacement parts • Tree and shrub replacement 	\$15,600	\$15,600	\$15,600
	\$1,000	\$1,000	\$1,000
	<u>\$4,000</u>	<u>\$2,000</u>	<u>\$1,000</u>
Total maintenance cost per mile	\$20,600	\$18,600	\$17,600

Class I maintenance costs along the railroad have yet to be determined.

Relationship to General Plan:

The Master Bike Plan, from which the Bikeway System was designed and engineered, was adopted by the City Council as part of the Circulation Element of the General Plan at the March 7, 2001 Council Meeting.

Scheduling: Funding for construction is available is scheduled for FY 2005.

Status: January 2004

Plans are being completed for the entire Bikeway System. Pending Caltrans approval the bikeways will be divided into two phases. Class II and Class III Routes will be constructed in FY 2005. Class I Bikeways need to complete the environmental process and obtain right-of-way. Additional TEA funds will then be sought to complete construction in FY 2007.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Laura Fischer, Public Works Analyst
lfischer@cityofelcentro.org Phone (760) 336-3173 Fax (760) 337-3172

Public Works/Engineering Department ~ Support Services Division

FY 2004 through 2009 Capital Improvement Program

Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004		
Public Works		Laura Fischer 336-8520		5. Project Category:				
2a. Name of Project				Building and Facilities		x	Transportation	
Citywide Bikeway System		SSD 01.016		Parks and Recreation			Water	
3. Location of Project				Public Safety			Wastewater	
various locations throughout the City				General Government			Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:				
x	New	30		x	Infrastructure Development			
	Addition	9. Department Priority		Community Enhancement				
	Renovation	1		Community Preservation				
10. Description of Project and Justification (write in space below).								
A Bikeway System of Class I bikeways, Class II lanes and Class III routes throughout the city, designed to make El Centro more bicycle friendly, to reduce traffic, increase alternative transportation choices and improve air quality.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Transportation Enhancement Act (TEA)	1,497,042	0	0	0	0	0	0	1,497,042
Bicycle Transportation Account Grant	389,475	0	0	0	0	0	0	389,475
Safe Routes to Schools Grant	424,851	0	0	0	0	0	0	424,851
Local Transportation Authority (LTA)		20,000	280,000	0	0	0	0	300,000
Cal Trans Grant	0	0	0	0	0	0	0	0
Article 3	0	23,000	0	0	0	0	0	23,000
Total Source	2,311,368	43,000	280,000	0	0	0	0	2,634,368
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	410,537	15,000	210,000	0	40,000	0	0	675,537
Construction	0	0	1,560,000	0	2,760,000	0	0	4,320,000
ROW	0	10,000	200,000	200,000	0	0	0	410,000
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	410,537	25,000	1,970,000	200,000	2,800,000	0	0	5,405,537
12. Describe source of funds used or to be used in Question 11 above.								
The Bikeway System has several sources of funding including 1) Transportation Enhancement Act (TEA) funds awarded in 1999, of which \$635,000 were obligated on 7/18/2000, 2) Air Pollution Control District grant awarded in January 2001, Bicycle Transportation Account Grant awarded 5/28/02, and the Safe Routes to School Grant awarded 11/04/02. LTA funds will be used as a match for the TEA, BTA and SR2S grants.								
13. What is the source and date of your cost estimate?								
Cost estimates are based on Master Bike Plan adopted by the City Council on 03/07/01.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?			14.3 Total Cost (a)			
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	23,000	20,500	43,500
Total Costs	0	0	0	0	0	23,000	20,500	43,500
16. Describe source of funds used or to be used in Question 15 above.								
General Fund								
17. What is the source and date of your cost estimate?								
Cost to maintain the La Brucherie Greenbelt estimated by the Parks Supervisor utilizing a contract for landscape maintenance.								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
SUPPORT SERVICES DIVISION
BUS SHELTERS**



Description: Construct and Install new Bus Shelters throughout the City.

Justification: As needed throughout the City to improve transit service

Operating Budget Effect: This will have an impact on the operating budget, however funds from the transit fund 205 are available to cover maintenance and services for the bus shelters.

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element there of.

Scheduling: This is an on going project and will be constructed and installed as the need arises.

Status: Continued and on going.

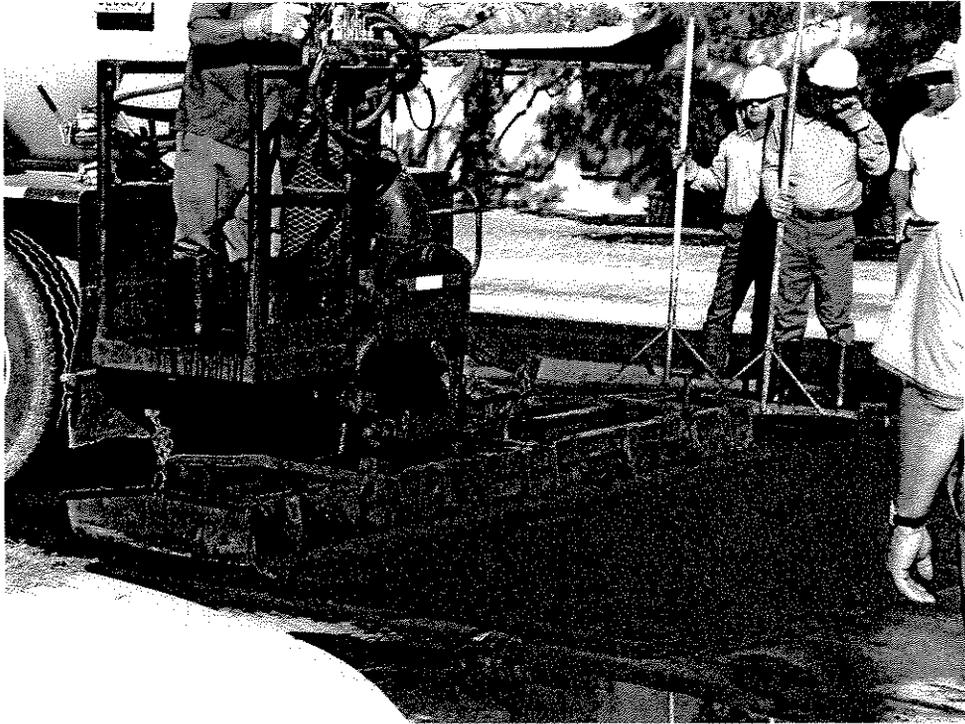
Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Carl Fowler, Street Maintenance Supervisor

Public Works/Engineering Department ~ Support Services Division
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		May 26, 2004			
Public Works		Steve Hogan 337-4505		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities		XX		Transportation	
Construct Bus Shelter		205-9215		Parks and Recreation				Water	
3. Location of Project				Public Safety				Wastewater	
various locations throughout the City				XX		General Government		Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
X New				Infrastructure Development					
		Addition		9. Department Priority		XX		Community Enhancement	
X Renovation				Community Preservation					
10. Description of Project and Justification (write in space below).									
Repair, replacement, and install new bus shelters or use funds as a match for a grant with the County and IVAG.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
LTA	0	0	0	0	0	0	0	0	
STIP	0	0	0	0	0	0	0	0	
Development Impact Fees	0	0	0	0	0	0	0	0	
Caltrans	0	0	0	0	0	0	0	0	
IID Pipeline Funds	0	0	0	0	0	0	0	0	
RSTP	0	0	0	0	0	0	0	0	
Hazardous Elimination	0	0	0	0	0	0	0	0	
Article 8E	0	0	50,000	0	0	0	0	50,000	
Community Development	0	0	0	0	0	0	0	0	
Total Source	0	0	50,000	0	0	0	0	50,000	
Project Costs									
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Engineering	0	0	0	0	0	0	0	0	
Construction	0	0	50,000	0	0	0	0	50,000	
ROW	0	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	0	
Misc. Other	0	0	0	0	0	0	0	0	
Total Costs	0	0	50,000	0	0	0	0	50,000	
12. Describe source of funds used or to be used in Question 11 above.									
Article 8E are funds available for the City's bus shelter maintenance and construction. The City Public Works Department rents out bus shelter faces to generate revenues to continue to maintain, improve and increase the number of bus shelters with in the City.									
13. What is the source and date of your cost estimate?									
Public Works construction estimates.									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Personnel Services	0	0	0	0	0	0	0	0	
Services and Supplies	0	0	10,000	9,700	9,409	9,127	8,853	47,089	
Total Costs	0	0	10,000	9,700	9,409	9,127	8,853	47,089	
16. Describe source of funds used or to be used in Question 15 above.									
Article 8E will begin to reimburse the Streets Department for maintenance and repairs of existing shelters.									
17. What is the source and date of your cost estimate?									
Streets Supervisor									

PUBLIC WORKS/ENGINEERING DEPARTMENT

TRANSPORTATION PROJECTS



Public Works/Engineering

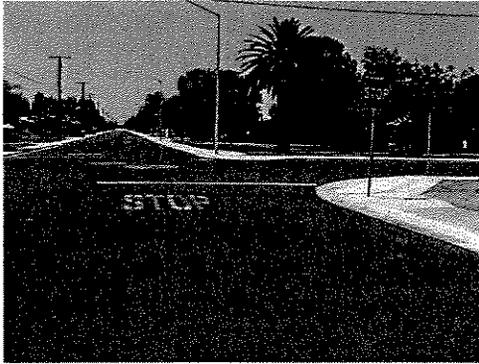
FY 2004 through 2009 Capital Improvement Program

Transportation Division Budget Request Summary

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Public Works/Engineering		337-5182		5. Project Category:				
2a. Name of Project		2b. Project #		XX	Engineering	XX	Transportation	
10. Description of Projects and Project Numbers								
Extend Bradshaw and Cruickshank East				Widening La Brucherie Road				
El Dorado Colonia Project				Widening Ross Avenue LTA 00.09				
Street Improvements 04.018				Wake Avenue Extension LTA 00.016				
Imperial Avenue Interchange 04.06				Under-ground North Date Canal				
Imperial Avenue Extension 06.01				Signal Lights at La Brucherie and Villa/Bradshaw				
I8 and St. Route 86 Improvements 05.013				Signal Monitors 5169 (0012)				
Widening Dogwood Avenue LTA 00.014				Street Signs 5169 (0013)				
Under-ground Dogwood Canal LTA 00.015				Bridge Improvement 8th St and I-8 5169 (008)				
Bridge Improvements Dogwood and Interstate 8				Sidewalk Repairs 206-9260				
Disabled Ramps on Sidewalks 206/9260								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	223,220	50,000	7,370,000	2,857,795	2,057,795	1,000,000	815,483	14,374,293
STIP	1,000,000	3,000,000	0	0	0	0	18,400,000	22,400,000
Development Impact Fees	0	0	100,000	92,205	92,205	0	0	284,410
Traffic Impact Fees	0	0	240,000	0	0	0	0	240,000
Caltrans	132,795	0	750,460	0	0	0	0	883,255
IID Pipeline Funds	0	0	1,050,000	0	0	0	2,446,450	3,496,450
RSTP	260,000	0	0	0	0	0	0	260,000
Hazardous Elimination Safety	784,000	0	0	0	0	0	0	784,000
Article 3	0	0	80,330	0	0	0	0	80,330
Community Development Block Grant	4,100,000	0	0	0	0	0	0	4,100,000
Total Source	6,500,015	3,050,000	9,590,790	2,950,000	2,150,000	1,000,000	21,661,933	46,902,738
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	570,000	210,000	2,825,000	130,000	0	0	0	3,735,000
Construction	249,000	1,242,000	9,707,757	2,600,000	2,150,000	1,000,000	21,661,933	38,610,690
ROW	206,220	-130,000	1,000,000	220,000	0	0	0	1,296,220
Environmental	119,000	1,141,000	0	0	0	0	0	1,260,000
Misc. Other	0	353,000	1,228,033	0	0	0	0	1,581,033
								0
Total Costs	1,144,220	2,816,000	14,760,790	2,950,000	2,150,000	1,000,000	21,661,933	46,482,943
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	2,500	2,500	2,500	2,500	10,000
Services and Supplies	0	0	6,250	15,000	15,000	15,000	15,000	66,250
Total Costs	0	0	6,250	17,500	17,500	17,500	17,500	76,250
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

COMPLETED 2004

DEVELOPMENT SERVICES DEPARTMENT EL DORADO COLONIA STREET IMPROVEMENT



Description: Install offsite improvements to the El Dorado Colonia. Curb, gutter, asphalt right-of-ways and relocation of utilities.

Justification: Community enhancement project.

Operating Budget Effect: This project, once completed, will require additional street sweeping and street maintenance.

Relationship to General Plan: This project

conforms to the City's General Plan.

Scheduling: The entire project is engineered and will be completed in phases. Construction of Phase I began in 2003.

Status: Environmental services were completed in-house. The construction of Phase II will begin immediately after Phase I.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-45

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Engineering		337-5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		X		Transportation
El Dorado Colonia Street Improvement Project				Parks and Recreation				Water
3. Location of Project				Public Safety				Wastewater
El Dorado Colonia Street Improvement Project				General Government				Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
X New		50		X Infrastructure Development				
Addition		9. Department Priority		X Community Enhancement				
Renovation		1		Community Preservation				
10. Description of Project and Justification (write in space below).								
This project CDBG funded 100%. The entire project is engineered will be built in phases, construction of phase 1 began 2003. Project is to install offsite improvements such as curb gutter, asphalt, driveways and relocation of existing utilities. The City will continue to apply for additional funds to complete the project depending on actual construction estimates.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
Hazardous Elimination	0	0	0	0	0	0	0	0
Community Development Block Grant	4,100,000	0	0	0	0	0	0	4,100,000
Total Source	4,100,000	0	0	0	0	0	0	4,100,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	350,000	0	0	0	0	0	0	350,000
Construction	0	1,200,000	2,000,000	0	0	0	0	3,200,000
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	280,000	0	0	0	0	0	280,000
Total Costs	350,000	1,480,000	2,000,000	0	0	0	0	3,830,000
12. Describe source of funds used or to be used in Question 11 above.								
Community Development Block Grant								
13. What is the source and date of your cost estimate?								
Engineering for the entire El Dorado Colonia Street Improvement Project has been completed. Environmental services were complete in house. The project was broken in to phases with phase 1 starting in FY 2004 and phase 2 immediately after completion of phase 1.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
No Estimates as of March 2004								
17. What is the source and date of your cost estimate?								

**DEVELOPMENT SERVICES DEPARTMENT
EXTENSION OF BRADSHAW AND CRUICKSHANK EAST**



Description: This project will extend Bradshaw and Cruickshank from 12th to 8th. This will be the first phase of the improvements to Bradshaw and Cruickshank. The future phase will be to expand Bradshaw to four lanes, widening Cruickshank and make off site improvement to both streets that include sidewalk, curb and gutter.

Justification: Community Enhancement and traffic congestion relief.

Operating Budget Effect: This project, once completed, will require additional street sweeping and street maintenance.

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element thereof.

Scheduling: This project should begin in FY 2005.

Status: This project has not been started.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Engineering		337-5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		X		Transport.
Extend Bradshaw and Cruickshank				Parks and Recreation				Water
3. Location of Project				Public Safety				Wastewater
Bradshaw/Cruickshank east of Imperial				General Government				Drainage
7. Construction		8. Useful Life (years)		6. Project Classification:				
X		New	50		X		Infrastructure Development	
		Addition	9. Department Priority		X		Community Enhancement	
		Renovation	1				Community Preservation	
10. Description of Project and Justification (write in space below).								
This project will be funded with Traffic Impact fees.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	0	0	0	0	0
Traffic Impact Fees	0	0	240,000	0	0	0	0	240,000
Caltrans	0	0	0	0	0	0	0	0
Hazardous Elimination	0	0	0	0	0	0	0	0
Community Development	0	0	0	0	0	0	0	0
Total Source	0	0	240,000	0	0	0	0	240,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	15,000	0	0	0	0	15,000
Construction	0	0	225,000	0	0	0	0	225,000
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	0	0	240,000	0	0	0	0	240,000
12. Describe source of funds used or to be used in Question 11 above.								
Traffic Impact Fees								
13. What is the source and date of your cost estimate?								
City Staff								
14.a What is the sq. ft.?	63,360	14.b Cost per sq. ft.?	3.5	14.3 Total Cost (a*b)	225000			
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 04.018
SLURRY SEAL/OVERLAY PROJECT**



Description: Slurry and overlay several streets within the City of El Centro. Scheduled street names and locations have been submitted to Council for review.

Justification: Continued wear on City Streets required maintenance and repairs for ease and flow of traffic.

Operating Budget Effect: This will have a positive effect on the operation and maintenance budget for the Streets Maintenance Division as

pothole and other repairs on these streets will be eliminated.

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element there of.

Scheduling: The City Council approved bid documents and authorized the solicitation of bids for the FY 2004 Overlay project at its September 17, 2003 meeting. The project was put on hold while staff analyzed the cost effectiveness and durability of a new rubberized asphalt product. It was decided that this new product should be used and an engineering firm developed the specifications and scope of work for the project. This project will now need to go back before Council as the scope and estimated cost for the project have changed. Staff anticipates taking this project to Council in June 2004

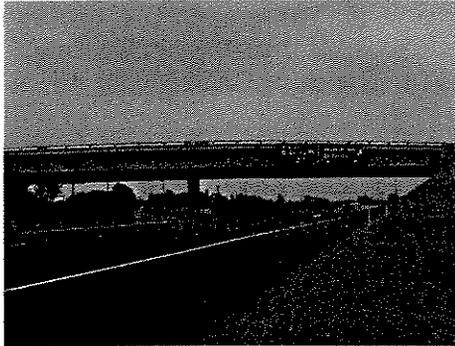
Status: This project is scheduled to begin construction in August or September of 2004.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Carl Fowler, Street Division Supervisor
cfowler@cityofelcentro.org Phone (760) 337-4559 Fax (760) 337-3172

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Public Works		Carl Fowler/337-4559		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		x		Transportation
Street Improvements/Overlays		214/ / ST 04.018		Parks and Recreation				Water
3. Location of Project				Public Safety				Wastewater
Various streets throughout the City				General Government				Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
		Slurry - 5 years;				Infrastructure Development		
New		Overlay 10 years				Community Enhancement		
Addition		9. Department Priority				Community Preservation		
x		Renovation		1		x		
10. Description of Project and Justification (write in space below).								
Reconditioning of various city streets to repair and preserve streets from deterioration.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Local Transportation Authority (LTA)	0	0	2,000,000	2,500,000	1,000,000	1,000,000	0	6,500,000
Cal Trans Grant	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
STIP	0	0	0	0	0	0	0	0
CAL Trans	0	0	0	0	0	0	0	0
Total Source	0	0	2,000,000	2,500,000	1,000,000	1,000,000	0	6,500,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	2,000,000	2,500,000	1,000,000	1,000,000	0	6,500,000
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	0	0	2,000,000	2,500,000	1,000,000	1,000,000	0	6,500,000
12. Describe source of funds used or to be used in Question 11 above.								
The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by voters in 1989 for a period of 20 years. The authorization expires in 2009 with the funding ending the first quarter of 2010. The City Council approved the LTA Five-Year Program 2003-2008 on June 4, 2003, including street improvements/overlays.								
13. What is the source and date of your cost estimate?								
Public Works Streets Division developed cost estimates in July 2003.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
General Fund								
17. What is the source and date of your cost estimate?								
Street Supervisor								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
INTERSTATE 8 AND IMPERIAL AVENUE INTERCHANGE**



Description: Design and construct bridge improvements at the Interstate to allow for development of Imperial Avenue south of freeway

Justification: The modified trumpet interchange at Imperial Avenue and Interstate 8 only allows traffic flow north of Interstate 8 on Imperial Avenue. Reconstructing the interchange will allow for the extension of Imperial Avenue south of Interstate 8. It will improve traffic access and safety and allow for

future development south of Interstate on Imperial Avenue.

Operating Budget Effect: None

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element there of, allowing for the extension of Imperial Avenue as a major arterial in the City.

Scheduling: The draft environmental review document will be submitted to the Federal Transportation Improvement Program for review and comment. Once completed it will then be distributed for public comment in spring 2004. Final action by the State is expected in early summer 2004, at which point, if funding is available, right of way acquisition could proceed. Construction is scheduled for 2009 pending availability of State Transportation Improvement Program (STIP) funds.

Status: The project is in the environmental review stage.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager:

shogan@cityofelcentro.org

Phone: (760) 337-4505

fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:			
Public Works/Engineering		337-5182		5. Project Category:			
2a. Name of Project		2b. Project #		Building and Facilities		x	
Imperial Ave. Interchange		00.06		Parks and Recreation			
3. Location of Project				Public Safety			
Interstate 8 at Imperial Avenue				General Government			
7. Construction		8. Useful Life (years)		6. Project Classification:			
x New		20		x Infrastructure Development			
		Addition		Community Enhancement			
		9. Department Priority		Community Preservation			
		1					

10. Description of Project and Justification (write in space below).

Reconstruct the modified trumpet interchange at Interstate 8 and Imperial Avenue to improve traffic access and safety.

11. Project Sources and Uses of Funds

Sources of Funds

Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Local Transportation	17,000	0	150,000	0	0	0	0	167,000
Cal Trans Grant	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
STIP	1,000,000	3,000,000	0	0	0	0	18,400,000	22,400,000
CAL Trans	132,795	0	0	0	0	0	0	132,795
Developmental Fees	0	0	0	0	0	0	0	0
Total Source	1,149,795	3,000,000	150,000	0	0	0	18,400,000	22,699,795

Project Costs

Project Costs	Project Life to Date Total	Expenditures thru 6/30/03	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	150,000	0	1,100,000	0	0	0	0	1,250,000
Construction	0	0	0	0	0	0	18,400,000	18,400,000
ROW	0	0	700,000	0	0	0	0	700,000
Environmental	0	1,000,000		0	0	0	0	1,000,000
Misc. Other	0	0	1,200,000	0	0	0	0	1,200,000
Total Costs	150,000	1,000,000	3,000,000	0	0	0	18,400,000	22,550,000

12. Describe source of funds used or to be used in Question 11 above.

The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by voters in 1989 for a period of 20 years. The authorization expires in 2009 with the funding ending the first quarter of 2010. The City Council approved the LTA Five-Year Program 2003-2008 on June 4, 2003. State Transportation Improvement Program (STIP) Funds are from a 2-year cycle of State funding apportioned and allocated by the California Transportation Commission. Typically spent "on system" projects such as State routes. The decision to allocate funding is a joint process involving CALTRANS and IVAG according to an adopted and prioritized expenditure plan. \$3 million in STIP funds for FY 2005 is the result of a reduction in R/W capital from \$5.3M to \$2M to accommodate the Dogwood Project. Another \$1M to be transferred to this project from SR98 East project.

13. What is the source and date of your cost estimate?

Imperial Interchange estimates determined by Caltrans.

14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?	
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Operational Impact (Operations, Maintenance & Repairs)

15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

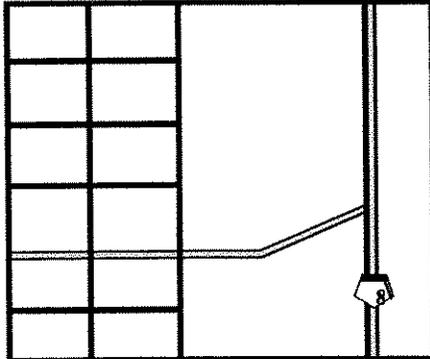
16. Describe source of funds used or to be used in Question 15 above.

N/A

17. What is the source and date of your cost estimate?

City Personnel

**PUBLIC WORKS/ENGINEERING DEPARTMENT
EXTENSION OF IMPERIAL AVENUE SOUTH TO MC CABE**



Description: Design and construct the extension of Imperial Avenue south of the Interstate to Mc Cabe Road

Justification: Allow for future development south of Interstate on Imperial Avenue.

Operating Budget Effect: None

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element there of.

Scheduling: The improvements to Imperial Avenue from the Interstate to Mc Cabe Road are a joint project with the Imperial County. The County Public Works/Engineering Department will take the lead on this portion of the project with design completed in FY 2004.

Status: Not begun at this time.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager:

shogan@cityofelcentro.org

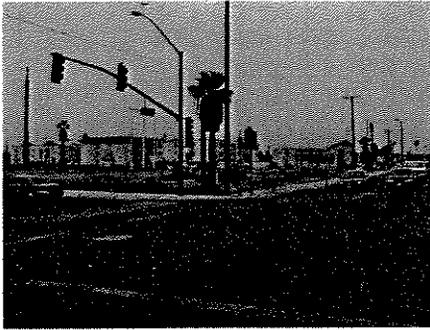
Phone: (760) 337-4505

fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Public Works/Engineering		337-5182		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities		x		Transportation	
Imperial Ave. Extension		06.01		Parks and Recreation				Water	
3. Location of Project				Public Safety				Wastewater	
Imperial Ave. South of Interstate 8				General Government				Drain Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
x	New	20		x	Infrastructure Development				
	Addition			Community Enhancement					
	Renovation	1		Community Preservation					
9. Department Priority									
10. Description of Project and Justification (write in space below).									
Extension of Imperial Avenue south of I-8 to McCabe Road to allow for development and servicing of the area south of I-8.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Local Transportation		0	0	0	100,000	900,000	0	0	1,000,000
Cal Trans Grant		0	0	0	0	0	0	0	0
Article 3		0	0	0	0	0	0	0	0
STIP		0	0	0	0	0	0	0	0
CAL Trans		0	0	0	0	0	0	0	0
Developmental Fees		0	0	0	0	0	0	0	0
Total Source		0	0	0	100,000	900,000	0	0	1,000,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	0	100,000	0	0	0	100,000
Construction		0	0	0	0	900,000	0	0	900,000
ROW		0	0	0	0	0	0	0	0
Environmental		0	0	0	0	0	0	0	0
Misc. Other		0	0	0	0	0	0	0	0
Total Costs		0	0	0	100,000	900,000	0	0	1,000,000
12. Describe source of funds used or to be used in Question 11 above.									
The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by voters in 1989 for a period of 20 years. The authorization expires in 2009 with the funding ending the first quarter of 2010. The									
13. What is the source and date of your cost estimate?									
Engineering and construction estimates for Imperial Avenue South of I-8 determined by City Engineer. Reviewed and confirmed on 01/06/04.									
14.a What is the sq. ft.?		N/A		14.b Cost per sq. ft.?		N/A		14.3 Total Cost (a	
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
N/A									
17. What is the source and date of your cost estimate?									
City Staff									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
TRAFFIC SIGNALS AT INTERSTATE 8 AND HIGHWAY 86**



Description: Widening and installation of the traffic signals at the off ramps of I-8 at Highway 86 (Fourth Street).

Justification: Allow for continued growth south of the Interstate on State Highway 86. This project will improve traffic circulation. Cal Trans has determined that the project area has a level of service less than "C" (Cal Trans rating). This project will improve circulation at the off ramp maintaining a least a level "C".

Operating Budget Effect: Annually, two new sets of traffic signals will add \$2500 per intersection for electricity. Maintenance and monitoring will be Caltrans responsibility.

Relationship to General Plan: None.

Scheduling: This project is estimated to be beginning in FY 2004 completed in FY 2005.

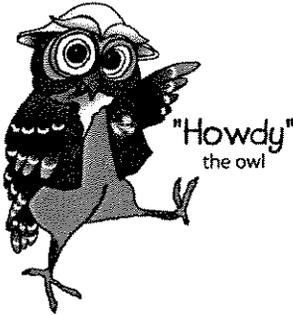
Status: Engineering has been completed by Cal Trans. The City entered into a Cooperative Agreement with Cal Trans for the construction on November 5, 2003.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager:
shogan@cityofelcentro.org Phone: (760) 337-4505 fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Public Works/Engineering		337-5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		x		Transportation
I-8 & Hwy 86 Signals		05.013		Parks and Recreation				Water
3. Location of Project				Public Safety				Wastewater
Off ramps at I-8 and Hwy 86 (4th Street)				General Government				Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
x New		30		x		Infrastructure Development		
Addition		9. Department Priority		Community Enhancement				
Renovation		1		Community Preservation				
10. Description of Project and Justification (write in space below).								
Widening and installation of the traffic signals at the off ramps of I-8 at Highway 86 (Fourth Street) to improve traffic circulation.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Local Transportation Authority (LTA)	0	0	280,000	(92,205)	(92,205)	0	0	95,590
Cal Trans Grant	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
STIP	0	0	0	0	0	0	0	0
CAL Trans	0	0	750,460	0	0	0	0	750,460
Developmental Fees	0	0	100,000	92,205	92,205	0	0	284,410
Total Source	0	0	1,130,460	0	0	0	0	1,130,460
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	1,130,460	0	0	0	0	1,130,460
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	0	0	1,130,460	0	0	0	0	1,130,460
12. Describe source of funds used or to be used in Question 11 above.								
The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by voters in 1989 for a period of 20 years. The authorization expires in 2009 with the funding ending the first quarter of 2010. The City Council approved the LTA Five-Year Program 2003-2008 on June 4, 2003, which includes funds for this project. Development Impact Fees are fees imposed on developments pursuant to California Government Code 66000. The Wake Avenue Auto Park will pay impact fees in the amount of \$0.185 per sq. ft. of salable property as parcels are sold for a total of \$284,410. The cooperative agreement with Cal Trans requires a \$380,000 contribution, \$280,000 from impact and \$100,000 from LTA.								
13. What is the source and date of your cost estimate?								
Caltrans Cooperative Agreement dated 10/14/03.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
N/A								
17. What is the source and date of your cost estimate?								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WIDENING ROADS FOR REGIONAL MALL PROJECT**



- WIDENING OF DOGWOOD ROAD FROM ROSS TO ½ MILE SOUTH OF DANENBERG AND CHICK ROAD.
- WIDENING CHICK AND DANENBERG INTERSECTION 1000 FEET EAST AND WEST OF DOGWOOD ROAD.
- SIGNAL LIGHTS AT INTERSTATE 8 AND DOGWOOD ROAD
- SIGNAL LIGHTS AT THE INTERSECTION OF DOGWOOD AND CHICK/DANENBERG ROADS.
- SIGNAL LIGHTS AT THE INTERSECTION OF DOGWOOD AND APPROXIMATELY 1000 FEET SOUTH OF CHICK/DANENBERG INTERSTION.
- WIDEN THE BRIDGE FROM INTERSTATE 8 AND DOGWOOD ROAD TO FOUR LANES.

Description: Several phases of this large project are listed above.

Justification: Allow for continued growth south of the Interstate on Dogwood Road.

Operating Budget Effect: Annually, six new traffic signals will add \$2,500 per intersection for electricity, \$500 each for supplies and services, and \$500 each in additional personnel costs for monitoring and repairs.

Relationship to General Plan: This project conforms to the City's General Plan.

Scheduling: This project is estimated to be beginning in FY 2004 completed in FY 2005. The project will be completed in coordination with the under-grounding of the Dogwood canal project, widening the bridge at Interstate 8 and with the development of a new regional mall.

Status: LAFCO approved the plans for the development of the regional mall and the traffic study has been complete. Various meeting have been held to determine the best routes and the construction required for the ease and flow of traffic. The City Council has approved the LTA budget, which allows for the widening of Dogwood Road, under-grounding a portion of the Dogwood Canal, and for the construction of traffic signal lights required.

Funding has been requested to widen the bridge on Interstate 8 at Dogwood Road to four lanes from the TEA 21 federal program. Currently these funding authorization are waiting process by Congress.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering Project Manager:

dbrammer@cityofelcentro.org

Phone (760) 337-5182

Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Development Services		Dan Brammer/337-5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		x		Transportation
Dogwood Ave. Widening		00.14		Parks and Recreation				Water
3. Location of Project				Public Safety				Wastewater
Dogwood Ave. from Ross to 1/2 mi. s/Dannenberg				General Government				Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
x		New		20		x		Infrastructure Development
		Addition		9. Department Priority		Community Enhancement		
		Renovation		1		Community Preservation		
10. Description of Project and Justification (write in space below).								
Widening of Dogwood Avenue from Ross Avenue to 1/2 mile south of Dannenberg Road and 1000 feet in each direction along Dannenberg Road to allow for the development of the Regional Mall.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	180,000	4,470,000	0	0	0	0	4,650,000
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Funds	0	0	0	0	0	0	0	0
RSTP	0	0	0	0	0	0	0	0
Hazardous Elimination	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
Community Development	0	0	0	0	0	0	0	0
Total Source	0	180,000	4,470,000	0	0	0	0	4,650,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	150,000	250,000	0	0	0	0	400,000
Construction	0	0	4,000,000	0	0	0	0	4,000,000
ROW	0	0	200,000	0	0	0	0	200,000
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	30,000	20,000	0	0	0	0	50,000
Total Costs	0	180,000	4,470,000	0	0	0	0	4,650,000
12. Describe source of funds used or to be used in Question 11 above.								
The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by voters in 1989 for a period of 20 years. The authorization expires in 2009 with the funding ending the first quarter of 2010. The City Council approved the LTA Five-Year Program 2003-2008 on June 4, 2003, which included \$3.7 million for this project. Council action will be sought in April 2004 to approve a new LTA Five-Year Program which will include an increase for this project to \$4.65 million.								
13. What is the source and date of your cost estimate?								
Cost estimates completed in August 2003 for the Tri-Party Agreement between the City of El Centro, the County of Imperial and the Mall Developer. Estimate reviewed by the City Engineer on 2/26/04								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	1,500	1,500	1,500	1,500	6,000
Services and Supplies	0	0	3,750	9,000	9,000	9,000	9,000	39,750
Total Costs	0	0	3,750	10,500	10,500	10,500	10,500	45,750
16. Describe source of funds used or to be used in Question 15 above.								
General Fund - Division 3303								
17. What is the source and date of your cost estimate? Per intersection --average electrical consumption of \$2,500/yr., services and supplies--\$500, additional personnel costs for monitoring and repairs--\$500. Sources 2/18/04: IID utility bill, personnel and supplies cost estimate provided by the Public Works Director.								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
UNDERGROUND DOGWOOD CANAL
SOUTH OF INTERSTATE 8**



Description: Underground the Dogwood Canal to facilitate development South of the Interstate on Dogwood Road.

Justification: Allow for continued growth south of the Interstate on Dogwood Road.

Operating Budget Effect: None

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element thereof.

Scheduling: This project is estimated to begin in FY 2004 completed in FY 2005.

Status: The City Manager met with the Imperial Irrigation District and requested that the Dogwood Canal under ground project be moved to top priority for the District. This was agreed upon by both parties. The City will pay 25% of the cost to under ground the dirt canal. Imperial Irrigation District will pay 75% of the costs and construct the project.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:	
Development Services		Dan Brammer/337-5182		5. Project Category:	
2a. Name of Project		2b. Project #		Building and Facilities	
Dogwood Canal Undergrounding		00.15		x	Transportation
3. Location of Project				Parks and Recreation	
Along Dogwood Rd. from Dannenberg south .6 mi.				Public Safety	
7. Construction		8. Useful Life (years)		6. Project Classification:	
x	New	50	x	Infrastructure Development	
	Addition	9. Department Priority		Community Enhancement	
	Renovation	1	Community Preservation		

10. Description of Project and Justification (write in space below).
Undergrounding of the Dogwood Canal along Dogwood Avenue from Dannenberg Road south 0.6 miles. This project will allow for the widening and additional lanes needed for the traffic to be generated by the Imperial Valley Regional Mall.

11. Project Sources and Uses of Funds

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	350,000	0	0	0	0	350,000
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Indirect Fund	0	0	1,050,000	0	0	0	0	1,050,000
RSTP	0	0	0	0	0	0	0	0
Hazardous Elimination	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
Community Development	0	0	0	0	0	0	0	0
Total Source	0	0	1,400,000	0	0	0	0	1,400,000

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering & Construction	0	0	1,400,000	0	0	0	0	1,400,000
Construction	0	0	0	0	0	0	0	0
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	0	0	1,400,000	0	0	0	0	1,400,000

12. Describe source of funds used or to be used in Question 11 above.
The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by voters in 1989 for a period of 20 years. The authorization expires in 2009 with the funding ending the first quarter of 2010. The City Council approved the LTA Five-Year Program 2003-2008 on June 4, 2003, which includes \$250,000 for this project. Council action will be sought in April 2004 to approve a new LTA Five-Year Program which will include an increase for this project to \$350,000. The Imperial Irrigation District (IID) Pipelining Indirect Fund is used to under-ground canals in conjunction with infrastructure projects for the purposes of improving public safety and community enhancement.

13. What is the source and date of your cost estimate?
Construction estimate based on the Imperial Irrigation District Pipelining Indirect Fund Update spreadsheet dated 1/12/04. IID will pay 75% of the costs.

14.a What is the sq. ft.?	14.b Cost per sq. ft.?	14.3 Total Cost (a*b)?
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Operational Impact (Operations, Maintenance & Repairs)

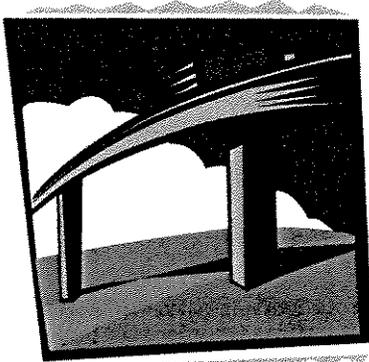
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) **THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE**

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

16. Describe source of funds used or to be used in Question 15 above.
N/A

17. What is the source and date of your cost estimate?

**PUBLIC WORKS/ENGINEERING DEPARTMENT
DOGWOOD BRIDGE IMPROVEMENTS**



Description: Improvements to the Dogwood overpass at Interstate 8 to widen the bridge to four lanes.

Justification: Allow for continued growth south of the Interstate on Dogwood Road.

Operating Budget Effect: None

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element thereof.

Scheduling: This project is estimated to begin construction in FY 2009.

Status: Preliminary engineering was started in FY 2004.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Development Services		337-5182		RSTP (Regional Surface Transportation Funding)				
2a. Name of Project		2b. Project #		Building and Facilities		X	Transportation	
Dogwood / I-8 Bridge		5169(009)		Parks and Recreation			Water	
3. Location of Project				Public Safety			Wastewater	
Dogwood / I-8 Bridge				General Government			Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:				
New				X		Infrastructure Development		
Addition		9. Department Priority		Community Enhancement				
XX Renovation		1		Community Preservation				
10. Description of Project and Justification (write in space below).								
All Federal Aid projects to meet Environmental issues before being put on the list approved by SCAG, to obligate STIP (State Transportation Improvement Project) RSTP monies are obligated to perform PES. This project is estimated to cost \$21million and could begin in 2009. Staff recommends looking into Congressional Assistance to move this project forward due to the I.V. Regional Mall coming in to this area.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	0	0	0	0	0
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Funds	0	0	0	0	0	0	0	0
RSTP	140,000	0	0	0	0	0	0	140,000
Hazardous Elimination	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
Community Development Block Grant	0	0	0	0	0	0	0	0
Total Source	140,000	0	0	0	0	0	0	140,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0
ROW	0	0	0	0	0	0	0	0
Environmental	119,000	21,000	0	0	0	0	0	140,000
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	119,000	21,000	0	0	0	0	0	140,000
12. Describe source of funds used or to be used in Question 11 above.								
All Federal Aid projects to meet Environmental issues before being put on the list approved by SCAG, to Obligate STIP (State Transportation Improvement Project) RSTP monies are obligated to perform PES study. The budgeted portion of this project is only for preliminary engineering.								
13. What is the source and date of your cost estimate?								
2003-2004								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 206/9260
DISABLED ACCESS RAMPS**



Description: Repair, replacement and new construction of disabled access ramps at various locations throughout the City.

Justification: In the City's Americans with Disability Act (ADA) Self Evaluation numerous disabled access ramps were identified as being in need of repair or replacement to comply with the ADA. The repair and replacement of these ramps will bring the City into compliance with portions of its ADA Self Evaluation plan.

Operating Budget Effect: None

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element thereof.

Scheduling: Review of ramps to be constructed by March 2004. Engineering to be completed by June 2004. Construction to be completed by December 2004.

Status: January 2004

List of disabled access ramps slated for construction needs to be reviewed prior to advertising for bids.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Development Services		John Gay/337-3185		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities				Transportation
Disabled Access Ramps		206/9260		Parks and Recreation				Water
3. Location of Project				X Public Safety				Wastewater
various locations throughout the City				General Government				DrainControl
7. Construction		8. Useful Life (years)		6. Project Classification:				
X	New			X	Infrastructure Development			
	Addition	9. Department Priority		Community Enhancement				
X	Renovation			Community Preservation				
10. Description of Project and Justification (write in space below).								
Repair, replacement, and new construction of disabled access ramps located near medical facilities, schools, other								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	0	0	0	0	0
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Funds	0	0	0	0	0	0	0	0
RSTP	0	0	0	0	0	0	0	0
Hazardous Elimination	0	0	0	0	0	0	0	0
Article 3	0	0	80,330	0	0	0	0	80,330
Community Development	0	0	0	0	0	0	0	0
Total Source	0	0	80,330	0	0	0	0	80,330
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	72,297	0	0	0	0	72,297
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	8,033	0	0	0	0	8,033
Total Costs	0	0	80,330	0	0	0	0	80,330
12. Describe source of funds used or to be used in Question 11 above.								
Article 3 Transportation Development Act (TDA) funds are appropriated by Imperial Valley Association of								
13. What is the source and date of your cost estimate?								
Public Works construction estimates determined with each year's application to IVAG.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
N/A								
17. What is the source and date of your cost estimate?								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
WIDENING LA BRUCHERIE ROAD**



Description: Widen La Brucherie Road from Adams Avenue to Orange Avenue.

Justification: To improve traffic flow and circulation.

Operating Budget Effect: None

Relationship to General Plan: This project conforms to the City's General Plan and the Circulation Element thereof.

Scheduling: Acquiring of the additional right-of-way is estimated to begin in FY 2006.

Status: In FY 2002 property was acquired at the southwest corner of La Brucherie and Olive. In FY 2006 the City plans to acquire additional right-of-way on LaBrucherie south of Main Street to Orange Ave.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Development Services		Dan Brammer/337-5182		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		X		Transportation
La Brucherie Road Widening		0.005		Parks and Recreation				Water
3. Location of Project				Public Safety				Wastewater
La Brucherie Road Widening				General Government				Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
X New		50		X		Infrastructure Development		
		9. Department Priority		Community Enhancement				
		1		Community Preservation				
10. Description of Project and Justification (write in space below).								
Widening of La Brucherie Road from Adams Avenue to Orange Avenue. In FY 2002 property was acquired at the southwest corner of La Brucherie and Olive. The house on the property was remodeled (reducing the garage) to allow for the future widening of La Brucherie. The property has been resold and proceeds from this sale are estimated to be \$130,000. In FY 2006 the City plans to acquire additional right-of-way south of Main Street to Orange Ave.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	170,220	-130,000	0	150,000	0	0	0	190,220
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Funds	0	0	0	0	0	0	0	0
RSTP	0	0	0	0	0	0	0	0
Hazardous Elimination	0	0	0	0	0	0	0	0
Community Development	0	0	0	0	0	0	0	0
Total Source	170,220	-130,000	0	150,000	0	0	0	190,220
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0
ROW	170,220	-130,000	0	150,000	0	0	0	190,220
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	170,220	-130,000	0	150,000	0	0	0	190,220
12. Describe source of funds used or to be used in Question 11 above.								
Proceeds from this sale will be credited to the LTA fund to offset an expenditure of \$170,220 in FY2002. The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by voters in 1989 for a period of 20 years. The authorization expires in 2009 with the funding ending the first quarter of 2010. Council action will be sought in April 2004 to approve a new LTA Five-Year Program which will include FY 2006 costs for this project.								
13. What is the source and date of your cost estimate?								
The Economic Development Department is handling the sale of the property. Staff estimates the sale to net \$130,000. Estimate date December 2003.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
N/A								
17. What is the source and date of your cost estimate?								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 00.09
WIDENING ROSS AVENUE**



Description: This project will align the railroad crossing with Ross Avenue and widen Ross between 1st and 3rd.

Justification The project will improve traffic capacity and safety on this roadway.

Operating Budget Effect: No significant impact on operating budgets.

Relationship to General Plan: Construction of this project will bring it into compliance with Right-of-Way and lane requirements of Section 7-2 of the Municipal Code and the General Plan.

Scheduling: Acquisition of Right-of-Way will be completed by December 2004. Engineering will be completed by April 2005 and construction scheduled to begin in August 2005 pending additional funding.

Status: Right-of-Way acquisition will commence in July 2004.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:			
Development Services		John Gay/337-3185		5. Project Category:			
2a. Name of Project		2b. Project #		Building and Facilities		X	
Ross Ave. Widening		00.09		Parks and Recreation			
3. Location of Project				Public Safety			
Ross Ave. between 1st and 3rd Streets				General Government			
7. Construction		8. Useful Life (years)		6. Project Classification:			
X		New		20		X	
		Addition		Infrastructure Development			
		Renovation		Community Enhancement			
		3		Community Preservation			

10. Description of Project and Justification (write in space below).
 This project will align the railroad crossing with Ross Avenue at 1st and 3rd Streets, and widen Ross between 1st and 3rd. The project will improve traffic capacity and safety on this road way.

11. Project Sources and Uses of Funds

Sources of Funds

Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	120,000	100,000	0	0	0	220,000
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
Community Development	0	0	0	0	0	0	0	0
Total Source	0	0	120,000	100,000	0	0	0	220,000

Project Costs

Project Costs	Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	20,000	0	0	0	0	20,000
Construction	0	0	0	100,000	0	0	0	100,000
ROW	0	0	100,000	0	0	0	0	100,000
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	0	0	120,000	100,000	0	0	0	220,000

12. Describe source of funds used or to be used in Question 11 above.
 The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by voters

13. What is the source and date of your cost estimate?
 City Engineer estimate 05/23/03. Reviewed and updated by the City Engineer 01/06/04.

14.a What is the sq. ft.?

Operational Impact (Operations, Maintenance & Repairs)

15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) **THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE**

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

16. Describe source of funds used or to be used in Question 15 above.
 N/A

17. What is the source and date of your cost estimate?

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 05.016
WAKE AVENUE EXTENSION**



Description: Extension of Wake Avenue from 12th to La Brucherie Avenue.

Justification: This project will allow for better traffic circulation.

Operating Budget Effect: None

Relationship to General Plan: This project will bring this portion of the streets system into compliance with the Circulation Element of the

General Plan.

Scheduling: Right-of-way and engineering will be completed by June 2006. Construction is scheduled for completion by June 2007.

Status: Right-of-way acquisition will begin in July 2005.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:	
Development Services		Dan Brammer/337-5182		5. Project Category:	
2a. Name of Project		2b. Project #		Building and Facilities	
Wake Avenue Extension		05.16		X	
3. Location of Project		Wake Avenue from 12th to Imperial Ave.		Transportation	
7. Construction		8. Useful Life (years)		6. Project Classification:	
X		New		20	
Addition		9. Department Priority		X	
Renovation		2		Infrastructure Development	
				Community Enhancement	
				Community Preservation	

10. Description of Project and Justification (write in space below).
 Extension of Wake Avenue from 12th Street to Imperial Avenue. The project will allow for better traffic circulation and will connect with Imperial Avenue south of the freeway once the I-8 bridge at Imperial has been renovated and modified to allow for through traffic to the south.

11. Project Sources and Uses of Funds

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	100,000	250,000	0	0	350,000
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Funds	0	0	0	0	0	0	0	0
RSTP	0	0	0	0	0	0	0	0
Hazardous Elimination	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
Community Development	0	0	0	0	0	0	0	0
Total Source	0	0	0	100,000	250,000	0	0	350,000

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	30,000	0	0	0	30,000
Construction	0	0	0	0	250,000	0	0	250,000
ROW	0	0	0	70,000	0	0	0	70,000
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	0	0	0	100,000	250,000	0	0	350,000

12. Describe source of funds used or to be used in Question 11 above.
 The Local Transportation Authority (LTA) revenues are provided by a one-half or one percent sales tax increase authorized by voters in 1989 for a period of 20 years. The authorization expires in 2009 with the funding ending the first quarter of 2010. The City Council approved the LTA Five-Year Program 2003-2008 on June 4, 2003, which included this project. The total project is estimated at \$600,000. \$250,000 funded by mitigations fees. \$350,000 funded by the LTA.

13. What is the source and date of your cost estimate?
 Right-of-way, Engineering and Construction estimate determined by the City Engineer in June 2003, and reconfirmed 01/06/04.

14.a What is the sq. ft.?	14.b Cost per sq. ft.?	14.3 Total Cost (a*b)?
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Operational Impact (Operations, Maintenance & Repairs)
 15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

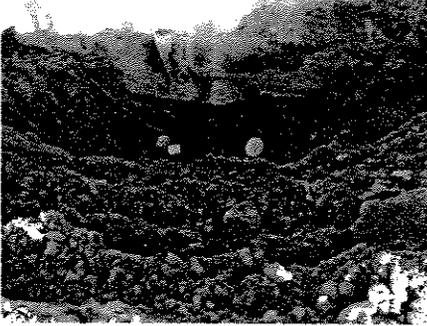
16. Describe source of funds used or to be used in Question 15 above.
 N/A

17. What is the source and date of your cost estimate?

**Public Works/Engineering Department ~ Transportation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Development Services		John Gay/337-3185		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
No. Date Canal Undergrounding		00.03		Parks and Recreation		Water		
3. Location of Project		X		Public Safety		Wastewater		
Along Villa Ave. between 17th & 8th Streets				General Government		Drainage Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
X New		50		Infrastructure Development				
Addition		9. Department Priority		X Community Enhancement				
Renovation		3		Community Preservation				
10. Description of Project and Justification (write in space below).								
Undergrounding of the North Date Canal along Villa Avenue between 17th and 8th Streets. This project will improve public safety and allow for improved traffic circulation.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	0	0	0	815,483	815,483
STIP	0	0	0	0	0	0	0	0
IID Pipeline Indirect Funds	0	0	0	0	0	0	2,446,450	2,446,450
RSTP	0	0	0	0	0	0	0	0
Hazardous Elimination	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
Community Development	0	0	0	0	0	0	0	0
Total Source	0	0	0	0	0	0	3,261,933	3,261,933
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	3,261,933	3,261,933
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	3,261,933	3,261,933
12. Describe source of funds used or to be used in Question 11 above.								
The Local Transportation Authority (LTA) revenues are provided by a one-half of one percent sales tax increase authorized by								
13. What is the source and date of your cost estimate?								
Construction estimate based on the Imperial Irrigation District Pipelining Update spreadsheet dated 10/29/03.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?			14.3 Total Cost (a*b)?			
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
OM&R Costs								
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
N/A								
17. What is the source and date of your cost estimate?								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 00.07
NORTH DATE CANAL UNDER-GROUNDING**



Description: Under-grounding of the North Date Canal along Villa Avenue from 17th Street to 8th Street.

Justification: This project will improve public safety and allow for improved traffic circulation, while adding to the visual enhancement of the area.

Operating Budget Effect: No impact on operating budgets.

Relationship to General Plan: This project will bring this portion of the streets system into compliance with the Circulation Element of the General Plan.

Scheduling: Construction scheduled for 2009.

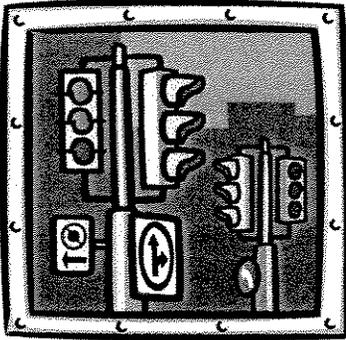
Status: At the November 5, 2003 Council Meeting, the City Council approved allowing the City of Brawley's Bryant Canal project ahead of the North Date Canal thus delaying the project until 2009.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Development Services		337-5182		5. Project Category: HES					
2a. Name of Project		2b. Project #				Building and Facilities		X	Transportation
Signalized Intersection		5169(014)				Parks and Recreation			Water
3. Location of Project						Public Safety			Wastewater
La Brucherie/Bradshaw - Villa						General Government			Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:					
X	New	10		X	Infrastructure Development				
	Addition	9. Department Priority		X	Community Enhancement				
	Renovation	1			Community Preservation				
10. Description of Project and Justification (write in space below).									
Installation of Signal lights at Villa and Bradshaw at La Brucherie									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
LTA 10%	36,000	0	0	0	0	0	0	36,000	
Development Impact Fees	0	0	0	0	0	0	0	0	
Caltrans	0	0	0	0	0	0	0	0	
Hazardous Elimination	284,000	0	0	0	0	0	0	284,000	
Article 3	0	0	0	0	0	0	0	0	
Total Source	320,000	0	0	0	0	0	0	320,000	
Project Costs									
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Engineering	0	0	40,000	0	0	0	0	40,000	
Construction	0	0	280,000	0	0	0	0	280,000	
ROW	0	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	0	
Misc. Other	0	0	0	0	0	0	0	0	
Total Costs	0	0	320,000	0	0	0	0	320,000	
12. Describe source of funds used or to be used in Question 11 above.									
HES (Hazard Elimination Safety) Program funds are competitive funds that pay 90% of project costs. HES projects eliminate or									
13. What is the source and date of your cost estimate?									
2003-2004 HES Program Application submittal									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Personnel Services	0	0	0	1,000	1,000	1,000	1,000	4,000	
Services and Supplies	0	0	2,500	6,000	6,000	6,000	6,000	26,500	
Total Costs	0	0	2,500	7,000	7,000	7,000	7,000	30,500	
16. Describe source of funds used or to be used in Question 15 above.									
General Fund - Division 3303									
17. What is the source and date of your cost estimate?									
Per intersection--average electrical consumption of \$2,500/yr., services and supplies--\$500, additional personnel costs for monitoring and repairs --\$500. Sources 2/18/04: IID utility bill, personnel and supplies cost estimate provided by the Public Works Director.									

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 5169 (0014)
SIGNALIZED INTERSECTIONS**



Description: Install signal lights at Villa, Bradshaw, and La Brucherie Avenues.

Justification: These intersections were determined to be hazardous areas, which can be alleviated by the installation of signal lights.

Operating Budget Effect: Annually, two new traffic signals will add \$2,500 per intersection for electricity, \$500 each for supplies and services, and \$500 each in additional personnel costs for monitoring and repairs.

Relationship to General Plan: None

Scheduling: This project is scheduled to begin in FY 2005.

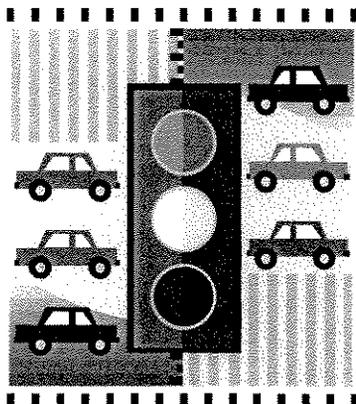
Status: N/A

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Development Services		337-5182		5. Project Category: HES				
2a. Name of Project		2b. Project #		Building and Facilities		<input checked="" type="checkbox"/>		Transportation
Signal monitors		5169(012)		Parks and Recreation				Water
3. Location of Project		Imperial/Hamilton-8th/State		Public Safety				Wastewater
7. Construction		8. Useful Life (years)		6. Project Classification:				
<input checked="" type="checkbox"/> New				<input checked="" type="checkbox"/> Infrastructure Development				
		Addition		9. Department Priority				
		Renovation		1				
10. Description of Project and Justification (write in space below).								
Installation of vehicle monitoring Cameras, at the Intersections of Imperial and Hamilton and 8th and State Street to be added to the current Traffic Management Center and the Traffic relief program of 1998								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	0	0	0	0	0
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Funds	0	0	0	0	0	0	0	0
RSTP	0	0	0	0	0	0	0	0
Hazardous Elimination	200,000	0	0	0	0	0	0	200,000
Article 3	0	0	0	0	0	0	0	0
Community Development Block Grant	0	0	0	0	0	0	0	0
Total Source	200,000	0	0	0	0	0	0	200,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	30,000	20,000	0	0	0	0	0	50,000
Construction	71,000	0	0	0	0	0	0	71,000
ROW	36,000	0	0	0	0	0	0	36,000
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	43,000	0	0	0	0	0	43,000
Total Costs	137,000	63,000	0	0	0	0	0	200,000
12. Describe source of funds used or to be used in Question 11 above.								
Used as obligated by the State under the HES (Hazard Elimination Safety)								
13. What is the source and date of your cost estimate?								
2003-2004								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 5169 (0012)
TRAFFIC SIGNAL MONITORS**



Description: Install traffic monitoring cameras as the intersections of Imperial and Hamilton; 8th and State and add to the current traffic management center and the traffic relief program.

Justification: Improve traffic circulation and safety.

Operating Budget Effect: No impact on operating budgets.

Relationship to General Plan: None.

Scheduling: This project began in FY 2003 and will be completed in FY 2004.

Status: Not Available

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

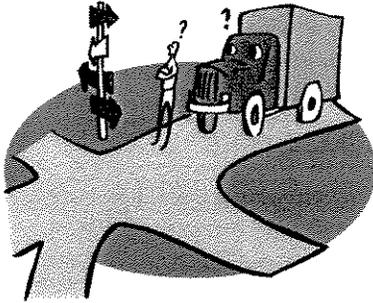
Public Works/Engineering Department ~ Transportation

FY 2004 through 2009 Capital Improvement Program

Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Development Services		337-5182		5. Project Category: HES				
2a. Name of Project		2b. Project #		Building and Facilities		X		Transportation
Sign project		5169(013)		Parks and Recreation				Water
3. Location of Project				Public Safety				Wastewater
Multiple throughout the City				General Government				Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
X	New	10		Infrastructure Development				
	Addition	9. Department Priority		X		Community Enhancement		
X	Renovation	1		Community Preservation				
10. Description of Project and Justification (write in space below).								
Installation of Street Name Signs, Radar feed back and entrance signs.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	0	0	0	0	0
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Funds	0	0	0	0	0	0	0	0
RSTP	0	0	0	0	0	0	0	0
Hazardous Elimination	300,000	0	0	0	0	0	0	300,000
Article 3	0	0	0	0	0	0	0	0
Community Development Block Grant	0	0	0	0	0	0	0	0
Total Source	300,000	0	0	0	0	0	0	300,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	40,000	40,000	0	0	0	0	0	80,000
Construction	178,000	42,000	0	0	0	0	0	220,000
ROW	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	218,000	82,000	0	0	0	0	0	300,000
12. Describe source of funds used or to be used in Question 11 above.								
Used as obligated by the State under the HES (Hazard Elimination Safety)								
13. What is the source and date of your cost estimate?								
2003-2004								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 5169 (0013)
INSTALLATION OF SIGNS THROUGHOUT THE CITY**



Description: Install Street name, radar feed back and directional signs throughout the City of El Centro.

Justification: Improve traffic flow.

Operating Budget Effect: No impact on operating budgets.

Relationship to General Plan: Scheduling: None

Schedule: This project began in FY 2003 and should be completed in FY 2004.

Status: Not Available

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

**Public Works/Engineering Department ~ Transportation
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name	1b. Contact/Phone	4. Date Submitted:			
Development Services	337-5182	5. Project Category:			
2a. Name of Project	2b. Project #		Building and Facilities	X	Transportation
8th / I-8 Bridge	5169(008)		Parks and Recreation		Water
3. Location of Project			Public Safety		Wastewater
City of El Centro 8th / I-8 Bridge			General Government		Drainage Control
7. Construction	8. Useful Life (years)	6. Project Classification:			
	New	X	Infrastructure Development		
	Addition	9. Department Priority	Community Enhancement		
X	Renovation	3	Community Preservation		

10. Description of Project and Justification (write in space below).
 All Federal Aid projects to meet Environmental issues before being put on the list approved by SCAG, to Obligate STIP (State Transportation Improvement Project) RSTP monies are obligated to perform PES.

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
LTA	0	0	0	0	0	0	0	0
STIP	0	0	0	0	0	0	0	0
Development Impact Fees	0	0	0	0	0	0	0	0
Caltrans	0	0	0	0	0	0	0	0
IID Pipeline Funds	0	0	0	0	0	0	0	0
RSTP	120,000	0	0	0	0	0	0	120,000
Hazardous Elimination	0	0	0	0	0	0	0	0
Article 3	0	0	0	0	0	0	0	0
Community Development	0	0	0	0	0	0	0	0
Total Source	120,000	0	0	0	0	0	0	120,000

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0
ROW	0	0	0	0	0	0	0	0
Environmental	0	120,000	0	0	0	0	0	120,000
Misc. Other	0	0	0	0	0	0	0	0
Total Costs	0	120,000	0	0	0	0	0	120,000

12. Describe source of funds used or to be used in Question 11 above.
 All Federal Aid projects to meet Environmental issues before being put on the list approved by SCAG, to Obligate STIP (State Transportation Improvement Project) RSTP monies are obligated to perform PES.

13. What is the source and date of your cost estimate?
 2004-2005

14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?	
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Operational Impact (Operations, Maintenance & Repairs)

15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

16. Describe source of funds used or to be used in Question 15 above.

17. What is the source and date of your cost estimate?

**PUBLIC WORKS/ENGINEERING DEPARTMENT
PROJECT NUMBER 5169 (008)
BRIDGE RENOVATION AT INTERSTATE 8 AND 8TH STREET**



Description: Design and construct bridge improvements at the Interstate to allow for development south of the freeway.

Justification: Future growth of the city.

Operating Budget Effect: This project, once completed, will require additional street sweeping and street maintenance.

Relationship to General Plan: This project conforms to the City's General Plan.

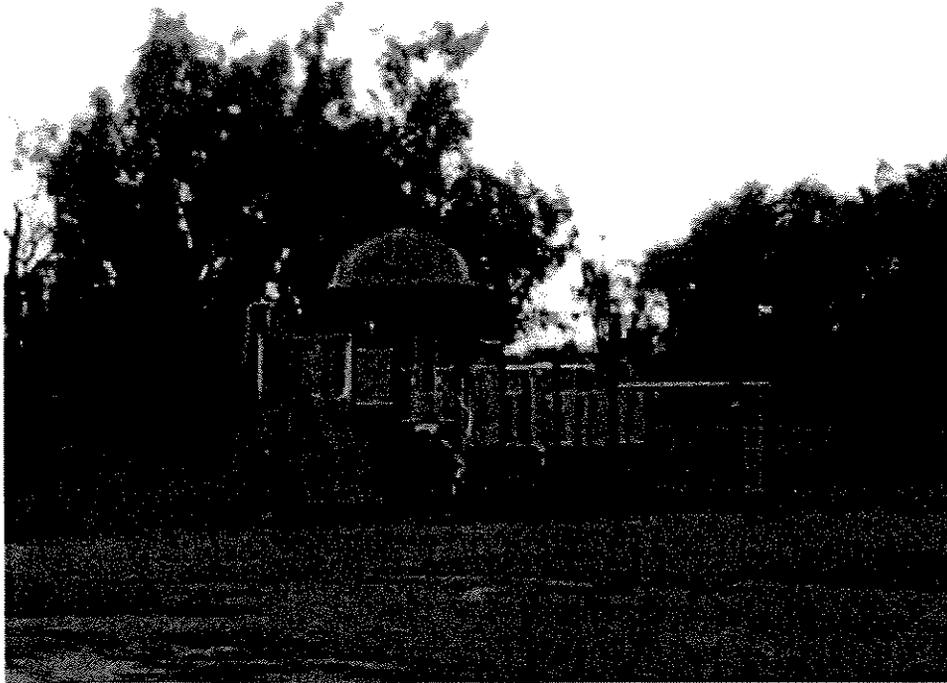
Scheduling: Environmental review of the project was completed in December 2003. Right-o-way acquisition and design are scheduled for summer 2004 but may now be postponed for up to two years because of state funding deficit. Construction is scheduled for 2009 pending availability of State Transportation Improvement Program (STIP) funds.

Status: Unknown at this time.

Contact Information: Danny Brammer, Acting Director of Public Works/Engineering
Project Manager: Interim Director of Development Services
dbrammer@cityofelcentro.org Phone (760) 337-5182 Fax (760) 337-4564

PARKS AND RECREATION DEPARTMENT

SUMMARY



**Parks and Recreation Summary
 FY 2004 through 2009 Capital Improvement Program
 Detailed Information for Budget Requests**

1a. Department Name	1b. Contact/Phone	4. Date Submitted:	
Parks and Recreation	337-4556	5. Project Category:	

2a. Name of Project	2b. Project #	XX	Parks and Recreation	XX	Community Enhancement
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10. Description of Projects and Project Numbers					
Adams Playground Equipment 00-13-001			Youth Center Skate Park #1		
Bucklin Playground Equipment 00-13-002			Sunflower Park #1		
Mc Gee Park Renovation 13-002			Swarthout Park Playground Equipment SWP #1		
City Plunge CP#8			Outdoor Basketball Court BBC#1		

11. Project Sources and Uses of Funds

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Prop 12 Per Capita	233,633	0	0	0	0	0	5,125	238,758
General Fund (balance) *	250,878	0	0	0	0	0	0	250,878
Roberti-Z-Berg-Harris	275,000	0	75,000	0	0	0	0	350,000
Simplot Funds	40,000	0	0	0	0	0	0	40,000
Community Donations	0	0	3,000	0	0	0	3,000	6,000
Park Impact Fees	125,814	0	62,000	0	0	0	0	187,814
ECESD	292,000	0	0	0	0	0	0	292,000
Padres	2,250	0	0	0	0	0	0	2,250
IID	93,000	0	0	0	0	0	0	93,000
Prop 40	0	0	115,125	60,000	0	0	0	175,125
Recycled Tire Grant	0	0	25,000	0	0	0	0	25,000
Total Source	1,312,575	0	280,125	60,000	0	0	8,125	1,660,825

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	28,000	0	0	0	0	0	28,000
Construction	910,761	351,814	280,125	60,000	0	0	8,125	1,610,825
Other Misc.	0	22,000	0	0	0	0	0	22,000
Total Costs	910,761	401,814	280,125	60,000	0	0	8,125	1,660,825

Operational Impact (Operations, Maintenance & Repairs)

15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) **THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE**

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	10,000	10,000	10,000	10,000	10,000	50,000
Services and Supplies	20,000	0	8,125	0	0	0	0	28,125
Total Costs	20,000	0	18,125	10,000	10,000	10,000	10,000	78,125

16. Describe source of funds used or to be used in Question 15 above.

17. What is the source and date of your cost estimate?

**PARKS AND RECREATION DEPARTMENT
PROJECT NUMBER 00-13-001
ADAMS PARK**



Description: Renovation and installation of equipment; ADA play equipment, sprinklers and landscaping.

Justification: Completion of this project requires a skirting around playground area to make it ADA accessible. Future grants will help complete project.

Operating Budget Effect: Operational cost to park maintenance will be minimal.

Relationship to General Plan: This project conforms to the City General Plan.

Scheduling: The project expected to be completed in 2005-06.

Status: Future plans are to shade playgrounds. Recommendations from Community Service and staff will be reviewed in February 04. Staff has removed old playground equipment.

Contact Information:

Chris Legakes, Parks Supervisor
Phone (760) 3374553 Fax (760) 337-4551

Parks & Recreation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Parks & Recreation		337-4555		5. Project Category:				
2a. Name of Project		2b. Project #				Building and Facilities		Transportation
Adams Play Equipment		00-13-001		X		Parks and Recreation		Water
3. Location of Project						Public Safety		Wastewater
Adams Park						General Government		Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
X New		20				Infrastructure Development		
X Addition		9. Department Priority		X		Community Enhancement		
X Renovation		6				Community Preservation		
10. Description of Project and Justification (write in space below).								
Removal of old play equipment, excavation & installation of ADA play equipment & rubber surface, installation of sprinkler system & landscaping have been completed. Installation of 4 foot cement skirting around play ground with ADA access to/from ADA parking space.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Prop 12 Per Capita	73,063	0	0	0	0	0	0	73,063
General Fund (balance) *	6,000	0	0	0	0	0	0	6,000
Prop 40			15,000					15,000
Total Source	79,063	0	15,000	0	0	0	0	94,063
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	79,063	0	15,000	0	0	0	0	94,063
Total Costs	79,063	0	15,000	0	0	0	0	94,063
12. Describe source of funds used or to be used in Question 11 above.								
Prop 12 Per Capita Funds with the balance coming out of general fund								
13. What is the source and date of your cost estimate?								
Department supervisors & engineering estimates								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

**PARKS AND RECREATION DEPARTMENT
PROJECT NUMBER 00-13-001
BUCKLIN PARK**



Description: Developing and enhancement of park by replacing old equipment and installing ADA equipment and sprinkler system. The South parking lot will also be paved.

Justification: Completion of this project requires a skirting around playground area to make it ADA accessible. Future grants will help complete project.

Operating Budget Effect: Operational cost to park maintenance will be minimal.

Relationship to General Plan: This project conforms to the City General Plan.

Scheduling: Recommendations from Community Service and staff will be reviewed in November 04.

Status: The project is to be completed in 2005-06.

Contact Information:

Chris Legakes, Parks Supervisor

Phone (760) 3374553

Fax (760) 337-4551

Parks & Recreation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

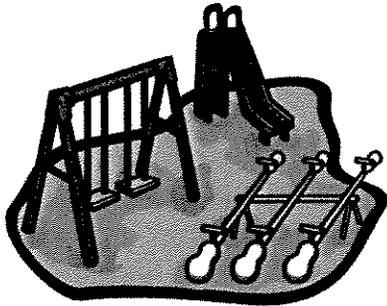
1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Parks & Recreation		337-4551		5. Project Category: Park Improvements					
2a. Name of Project		2b. Project #				Building and Facilities		Transportation	
Bucklin Play Equipment		00-13-002		X		Parks and Recreation		Water	
3. Location of Project						Public Safety		Wastewater	
Bucklin Park						General Government		Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
X	New	20		Infrastructure Development					
X	Addition	9. Department Priority		X		Community Enhancement			
X	Renovation	5		Community Preservation					
10. Description of Project and Justification (write in space below).									
Removal of old play equipment. Excavation & Installation of ADA play equipment & rubber surface. Installation of sprinkler system & landscaping. Installation of 4 foot cement skirting around play ground with ADA access to/from parking lot. Pave south parking lot.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Prop 12 Per Capita	121,570	0	0	0	0	0	0	121,570	
General Fund (balance) *	0	0	0	0	0	0	0	0	
Prop 40	0	0	35,000	0	0	0	0	35,000	
Total Source	121,570	0	35,000	0	0	0	0	156,570	
Project Costs									
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Engineering	0	0	0	0	0	0	0	0	
Construction	121,570	0	35,000	0	0	0	0	156,570	
Total Costs	121,570	0	35,000	0	0	0	0	156,570	
12. Describe source of funds used or to be used in Question 11 above.									
Prop 12 Per Capita & general fund making up the balance									
13. What is the source and date of your cost estimate?									
Department supervisors & engineer estimates									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Personnel Services	0	0	0	0	0	0	0	0	
Services and Supplies	0	0	0	0	0	0	0	0	
Total Costs	0	0	0	0	0	0	0	0	
16. Describe source of funds used or to be used in Question 15 above.									
17. What is the source and date of your cost estimate?									

COMPLETED 2004

PARKS AND RECREATION DEPARTMENT

PROJECT NUMBER RN-13-002

MC GEE PARK RENOVATION



Description: Renovation of McGee Park.

Justification: Received the Roberti-Z-Berg-Harris grant to renovate McGee Park with playground equipment.

Operating Budget Effect: Maintenance cost to Parks Department will increase.

Relationship to General Plan: To improve community enhancement of McGee Park and its facility.

Scheduling: Currently active. Project awarded to G&G Construction. Project expected to be completed on February 2004.

Status: Currently installing snack bar, restroom facility. Benches and tables will be ordered January 2004. Grand opening is scheduled for mid to late February 2004.

Contact Information:

Chris Legakes, Parks Supervisor

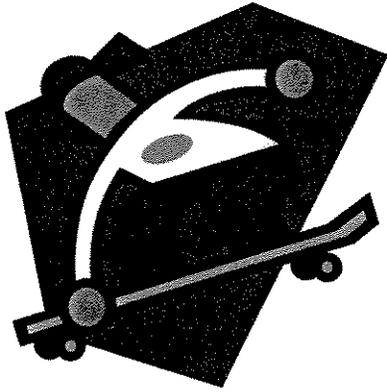
Phone (760) 3374553

Fax (760) 337-4551

Parks & Recreation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Parks & Recreation		337-4555		5. Project Category: Park Improvements					
2a. Name of Project		2b. Project #				Building and Facilities		Transportation	
McGee Park		RN-13-002		X		Parks and Recreation		Water	
3. Location of Project						Public Safety		Wastewater	
McGee Park						General Government		Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
X		New		20		Infrastructure Development			
X		Addition		9. Department Priority		X		Community Enhancement	
X		Renovation		2		Community Preservation			
10. Description of Project and Justification (write in space below).									
Removal of old playground. Installation of new ADA playground with rubber matt surface. Installation of shade structures over play equipment. Installation of new sprinkler system, sod and landscaping. Resurfacing of basketball courts with 2 new basketball poles and rims. Rewiring of court lighting and installation of security light. Installation of new pre-fib restroom/snackbar facility with new sewer and potable water service.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
General Fund (balance) *		28,000	0	0	0	0	0	0	28,000
Roberti-Z-Berg-Harris		275,000	0	0	0	0	0	0	275,000
Park Impact Fees		98,814	0	0	0	0	0	0	98,814
Total Source		401,814	0	0	0	0	0	0	401,814
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	28,000	0	0	0	0	0	28,000
Construction		0	351,814	0	0	0	0	0	351,814
Misc. Other		0	22,000	0	0	0	0	0	22,000
Total Costs		0	401,814	0	0	0	0	0	401,814
12. Describe source of funds used or to be used in Question 11 above.									
Council Approval of Application:9/2001									
13. What is the source and date of your cost estimate?									
Department Supervisors and Engineering estimates 6/2002									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
17. What is the source and date of your cost estimate?									

**PARKS AND RECREATION DEPARTMENT
PROJECT NUMBER SP #1
CONRAD HARRISON YOUTH CENTER/ SKATE PARK**



Description: Addition of new bleachers, drinking fountain and bicycle rack. Reconstruction of sprinkler system and resurfacing of old tennis courts to allow for the installation of new skate ramps and other equipment will be purchased.

Justification: The City of El Centro received Prop 40 and Simplot Funds for a majority of the estimated costs for this project. Remaining costs will be generated through user fees or the General Fund.

Operating Budget Effect: Cost to park maintenance and recreation services will increase due to the use of the security lights and water expenditure with the sprinklers and water fountains.

Relationship to General Plan: This project conforms to the City's General Plan.

Scheduling: The City Council has put this project on hold until 2009.

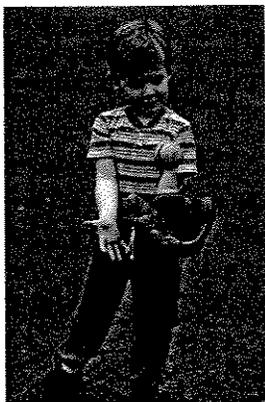
Status: The project is on hold until 2009.

Contact Information: Chris Legakes, Parks Supervisor
Phone (760) 3374553 Fax (760) 337-4551

Parks & Recreation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Parks & Recreation		337-4551		5. Project Category: Park Improvements					
2a. Name of Project		2b. Project #				Building and Facilities		Transportation	
Skate Park		SP#1		X		Parks and Recreation		Water	
3. Location of Project						Public Safety		Wastewater	
Conrad Harrison Youth Center						General Government		Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
X	New	15		Infrastructure Development					
	Addition	9. Department Priority		X					
X	Renovation	7		Community Enhancement					
				Community Preservation					
10. Description of Project and Justification (write in space below).									
Renovation & resurfacing of old tennis courts. Reconstructing of sprinkler system. Installation of drinking fountain. Cement slab for bleachers. New bleachers installed. Addition of new bicycle rack. Installation of rubber matting around surrounding fence area. Installation of security light for parking lot. Purchase and installation of new skate ramps and other equipment.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Simplot Funds		20,000	0	0	0	0	0	0	20,000
Community Donations		0	0	0	0	0	0	3,000	3,000
Prop 12 per capita		0	0	0	0	0	0	5,125	5,125
Total Source		20,000	0	0	0	0	0	8,125	28,125
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	0	0	0	0	0	0
Construction		20,000	0	0	0	0	0	8,125	28,125
Total Costs		20,000	0	0	0	0	0	8,125	28,125
12. Describe source of funds used or to be used in Question 11 above.									
Per Capita Funds designated for Parks and Recreation uses from the State									
13. What is the source and date of your cost estimate?									
Parks Supervisor									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE.									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
17. What is the source and date of your cost estimate?									

**PARKS AND RECREATION DEPARTMENT
PROJECT NUMBER SF #1
SUNFLOWER PARK**



Description: Developing and enhancement of new baseball and soccer fields in partnership with the El Centro Elementary School District.

Justification: City Of El Centro, El Centro Elementary School District partnered in for the construction of a new sports complex to be used by the District and the City of both soccer and baseball fields.

Operating Budget Effect: Expected that operational budget and electricity will increase.

Relationship to General Plan: This Project was recommended by El Centro School Board of Directors and the City of El Centro Service Commission to build a sport complex in cooperation and collaborative. This project will enhance and develop the quality of the parks within the City of El Centro and conforms to the City General Plan.

Scheduling: The City Of El Centro, El Centro Elementary School District, IID, and Padres provided the funding to develop sports complex. This project is scheduled to be completed in 2006.

Status: The project is 90% completed.

Contact Information:

Chris Legakes, Parks Supervisor

Phone (760) 3374553

Fax (760) 337-4551

Parks & Recreation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Parks & Recreation		337-4551		5. Project Category: Park Improvements				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Sunflower		SF#1		x		Parks and Recreation		Water
3. Location of Project				Public Safety		Wastewater		
Sunflower				General Government		Drainage Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
X New		25		X		Infrastructure Development		
Addition		9. Department Priority		x		Community Enhancement		
Renovation		3		Community Preservation				
10. Description of Project and Justification (write in space below).								
Installation of sprinkler system, field lighting, external fencing, turf, landscaping, play equipment & rubber surface, class II base parking lots, 2 soccer fields, 2 baseball fields, dugouts, baseball field fencing, basepath clay material, sod infields, bases, snack bar, 2 restroom structures.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Park Impact Fees	27,000	0	62,000	0	0	0	0	89,000
ECESD School Dist	292,000	0	0	0	0	0	0	292,000
General Fund	216,878	0	0	0	0	0	0	216,878
IID	93,000	0	0	0	0	0	0	93,000
Padres	2,250	0	0	0	0	0	0	2,250
Total Source	631,128	0	62,000	0	0	0	0	693,128
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	631,128	0	62,000	0	0	0	0	693,128
Total Costs	631,128	0	62,000	0	0	0	0	693,128
12. Describe source of funds used or to be used in Question 11 above.								
Park Impact Fees and a grant from the San Diego Padres and the El Centro Elementary School District								
13. What is the source and date of your cost estimate?								
Department Staff								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

**PARKS AND RECREATION DEPARTMENT
PROJECT NUMBER SWP #1
SWARTHOUT PARK**



Description: Install ADA play equipment, a rubber surface and sprinkler system.

Justification: The removal of old play equipment will be replaced with new equipment for community enhancement.

Operating Budget Effect: Added cost to park maintenance and lighting will be minimal.

Relationship to General Plan: This project conforms to the City General Plan.

Scheduling: Resolution to start project will be submitted in June 04, priority of upgrade and recommendations will be established in July 04. We anticipate all documents and process to begin in November 04-Jan-05.

Status: No formal bids or project status until Community Commissioners and City Council agree to project recommendations.

Contact Information:

Chris Legakes, Parks Supervisor

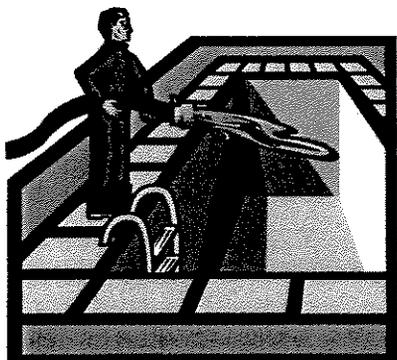
Phone (760) 3374553

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**Parks & Recreation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Parks & Recreation		337-4551		5. Project Category: Park Improvements				
2a. Name of Project		2b. Project #				Building and Facilities		Transportation
Swarthout Play Equipment		SWP#1		x		Parks and Recreation		Water
3. Location of Project						Public Safety		Wastewater
Swarthout Park						General Government		Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
X	New	20				Infrastructure Development		
	Addition	9. Department Priority		x		Community Enhancement		
	Renovation	4				Community Preservation		
10. Description of Project and Justification (write in space below).								
Removal of old play equipment. Installation of play equipment & rubber surface. Installation of sprinkler system & landscaping. Construction of 4 horseshoe pits.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Roberti-Zberg-Harris	0	0	75,000	0	0	0	0	75,000
Recycled Tire Grant	0	0	25,000	0	0	0	0	25,000
Total Source	0	0	100,000	0	0	0	0	100,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	100,000	0	0	0	0	100,000
Total Costs	0	0	100,000	0	0	0	0	100,000
12. Describe source of funds used or to be used in Question 11 above.								
RZH grant and Recycled tire Grant								
13. What is the source and date of your cost estimate?								
From previous equipment installations.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

**PARKS AND RECREATION DEPARTMENT
PROJECT NUMBER CP #8
CITY PLUNGE**



Description: Added Pool Shade Structure, 2 lifeguard chairs, patron waiting area, showers and picnic area.

Justification: The added shading is needed due to heavy sun exposure. This project could also include a pool slide.

Operating Budget Effect: Expected that operational budget will require increase in staffing.

Relationship to General Plan: Will be reviewing priority list with Community Services Commission to recommend

resurfacing of pool deck.

Scheduling: Proposition 12 provided for the funding for the shades. That project has been completed. We are now looking to resurface the pool deck with Prop. 40 funding.

Status: Shade project completed in 2003. Future recommendation to resurface the pool deck in February 2005.

Contact Information:

Chris Legakes, Parks Supervisor

Phone (760) 3374553

Fax (760) 337-4551

Parks & Recreation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Parks & Recreation		337-4555		5. Project Category: Park Improvements				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
City Plunge (Pool)		CP#8		X Parks and Recreation		Water		
3. Location of Project				Public Safety		Wastewater		
750 Park Avenue (Municipal Pool)				General Government		Drainage Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
New		20-50		X Infrastructure Development				
X Addition		9. Department Priority		X Community Enhancement				
Renovation		8		Community Preservation				
10. Description of Project and Justification (write in space below).								
Added Pool Shade Structure over wading pool, 2 lifeguard chairs, patron waiting area, showers and picnic ramada area. (Completed) Future recommendation to resurface pool deck with Roberti-Z-Berg-Harris funding.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Prop 12 Per Capita	39,000	0	0	0	0	0	0	39,000
General Fund	0	0	0	0	0	0	0	0
Prop 40	0	0	60,000	60,000	0	0	0	120,000
Total Source	39,000	0	60,000	60,000	0	0	0	159,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	39,000	0	60,000	60,000	0	0	0	159,000
Total Costs	39,000	0	60,000	60,000	0	0	0	159,000
12. Describe source of funds used or to be used in Question 11 above.								
Prop 40 (Proposed amount for resurfacing \$60,000)								
13. What is the source and date of your cost estimate?								
Department Supervisors and Engineering.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	10,000	10,000	10,000	10,000	10,000	50,000
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	10,000	10,000	10,000	10,000	10,000	50,000
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

**PARKS AND RECREATION DEPARTMENT
PROJECT NUMBER: BBC#1
CONRAD HARRISON YOUTH CENTER/ OUTDOOR BASKETBALL COURTS**



Description: Courts will be stripped for full court play. Basketball poles and rims will be installed.

Justification: Outdoor courts are needed to provide for youth and adult sport activities.

Operating Budget Effect: Cost to park maintenance and recreation services will increase due to additional electricity.

Relationship to General Plan: Community Enhancement.

Scheduling: The outdoor tennis court area has been resurfaced, bleachers and shade have been installed and a drinking fountain was added to this site with Simplot Funds. Will review recommendations from the Community Service Commission to install outdoor basketball courts.

Status: This project to begin as soon as it is approved by the Community Services Commission in the summer of 2004.

Contact Information: Chris Legakes, Parks Supervisor
Phone (760) 3374553 Fax (760) 337-4551

Parks & Recreation
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Parks & Recreation		337-4555		5. Project Category: Park Improvements				
2a. Name of Project		2b. Project #		Building and Facilities			Transportation	
Outdoor Basketball Court		BBC#1		X Parks and Recreation			Water	
3. Location of Project				Public Safety			Wastewater	
Conrad Harrison Youth Center				General Government			Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:				
X New		15		Infrastructure Development				
X Addition		9. Department Priority		X Community Enhancement				
X Renovation		9		Community Preservation				
10. Description of Project and Justification (write in space below).								
Install 4 regulation Basketball poles and rims. Stripe court for full court play.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Simplot funds	20,000	0	0	0	0	0	0	20,000
Community Donations			3,000					3,000
Prop 40	0	0	5,125	0	0	0	0	5,125
Total Source	20,000	0	8,125	0	0	0	0	28,125
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	20,000	0	8,125	0	0	0	0	28,125
Total Costs	20,000	0	8,125	0	0	0	0	28,125
12. Describe source of funds used or to be used in Question 11 above.								
Prop 40 and community donations								
13. What is the source and date of your cost estimate?								
Department Supervisors								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	500	500	500	500	2,000
Total Costs	0	0	0	500	500	500	500	2,000
16. Describe source of funds used or to be used in Question 15 above.								
17. What is the source and date of your cost estimate?								

LIBRARY SUMMARY



Library Summary

FY 2004 through 2009 Capital Improvement Program

Summary Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:			
Library		337-4566		5. Project Category:			
2a. Name of Project		2b. Project #		XX		General Government	
Library Projects		All Library Projects				XX	
3. Location of Project				Parks and Recreation		Water	
City Library				Public Safety		Wastewater	
7. Construction		8. Useful Life (years)		6. Project Classification:			
XX New		Various		XX		Infrastructure Development	
XX Addition		9. Department Priority		XX		Community Enhancement	
XX Renovation				XX		Community Preservation	

10. Description of Projects and Project Numbers

Children's Wing Automation Upgrade Pedestrian Ramp	Entrance Door Landings Public Restrooms
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11. Project Sources and Uses of Funds

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Price Charities Grant	70,000	0	0	0	0	0	0	70,000
Anonymous Benefactor	65,000	0	0	0	0	0	0	65,000
Development Impact Fees	0	145,000	0	0	0	0	0	145,000
General Fund	0	0	0	102,415	0	0	0	102,415
Impact Fees	0	67,000	0	0	0	0	0	67,000
Total Source	135,000	212,000	0	102,415	0	0	0	449,415

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	21,000	0	0	0	0	0	0	21,000
Construction	0	326,000	0	102,415	0	0	0	428,415
Total Costs	21,000	326,000	0	102,415	0	0	0	449,415

Operational Impact (Operations, Maintenance & Repairs)

15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

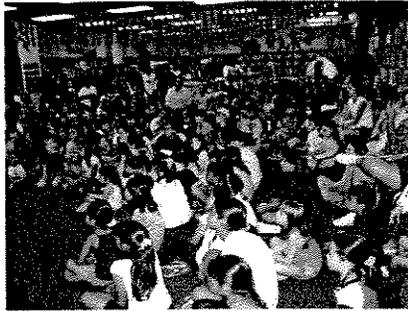
16. Describe source of funds used or to be used in Question 15 above.

Various

17. What is the source and date of your cost estimate?

Library Director

**LIBRARY
PROJECT NUMBER: LIBRARY 1
CHILDREN'S WING RENOVATION**



Description: The planned renovation to the Children's wing will create a more efficient use of space and allow more Children access to the Library.

Justification: Improved services to our Community.

Operating Budget Effect: Cost to library budget will be minimal.

Relationship to General Plan: Community Enhancement.

Scheduling: This project is scheduled to begin in 2004.

Status: Engineering and design has been completed and Council approved the bid documents on December 17, 2003.

Contact Information:
Project Manager:
vzazuetz@cityofelcentro.org

Victor Zazueta, Director
Victor Zazueta
Phone (760) 337-4566 Fax (760) 337-4564

Library
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Library		337-4566		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Children's Area Remodel		1		Parks and Recreation		Water		
3. Location of Project				Public Safety		Wastewater		
City Library Children's Wing		XX		General Government		Drainage Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
New		20		Infrastructure Development				
Addition		9. Department Priority		XX Community Enhancement				
XX Renovation		1		XX Community Preservation				
10. Description of Project and Justification (write in space below).								
The renovation of the City's library Children's wing will allow for additional shelving and for a more efficient use of available space. In addition, once the remodel/renovation occurs we will install a separate cooling system for the computer room.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Price Charities Grant	70,000	0	0	0	0	0	0	70,000
Anonymous Benefactor	65,000	0	0	0	0	0	0	65,000
Library Board		0	0	0	0	0	0	0
Development Impact Fees	0	145,000	0	0	0	0	0	145,000
Total Source	135,000	145,000	0	0	0	0	0	280,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	21,000	0	0	0	0	0	0	21,000
Construction	0	259,000	0	0	0	0	0	259,000
Total Costs	21,000	259,000	0	0	0	0	0	280,000
12. Describe source of funds used or to be used in Question 11 above.								
Price Charities a Community Challenge Grant along with an anonymous benefactor as required match. Additional costs for construction will be met with development impact fees as an allowable expense per LSR opinion by Assistant City Attorney.								
13. What is the source and date of your cost estimate?								
Manuel Oncina Architects design.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
NO CHANGE								
17. What is the source and date of your cost estimate?								
City Library Director								

LIBRARY
PROJECT NUMBER: LIBRARY 3
AUTOMATION SYSTEM



Description: The Library automation system was upgraded 2 years ago, which was only a transitional phase. The automation system operates the Library's circulation, OPACs, Patron Records files, and the cataloging functions.

Justification: Improved services to our Community.

Operating Budget Effect: Cost to library budget will be approximately \$7,500 per year for maintenance and upgrades.

Relationship to General Plan: Community Enhancement.

Scheduling: This project is scheduled to begin in 2005.

Status: Engineering and design has been completed and Council approved the bid documents on December 17, 2003.

Contact Information:
Project Manager:
vzazuetz@cityofelcentro.org

Victor Zazueta, Director
Victor Zazueta
Phone (760) 337-4566 Fax (760) 337-4564

Library
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Library		337-4566		5. Project Category:					
2a. Name of Project		2b. Project #				Building and Facilities		Transportation	
Automation Upgrade		3				Parks and Recreation		Water	
3. Location of Project						Public Safety		Wastewater	
City Library				XX		General Government		Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
New						Infrastructure Development			
Addition		9. Department Priority		XX		Community Enhancement			
XX		Renovation		1		Community Preservation			
10. Description of Project and Justification (write in space below).									
The Library automation system was upgraded 2 years ago, which was only a transitional phase. The automation system operates the Library's circulation, OPACs, Patron Records files, and the cataloging functions.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Impact Fees			67,000	0	0	0	0	0	67,000
			0	0	0	0	0	0	0
			0	0	0	0	0	0	0
Total Source		0	67,000	0	0	0	0	0	67,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	0	0	0	0	0	0
Construction		0	67,000	0	0	0	0	0	67,000
Total Costs		0	67,000	0	0	0	0	0	67,000
12. Describe source of funds used or to be used in Question 11 above.									
Other Asset fund set up with Finance to cover the automation system.									
13. What is the source and date of your cost estimate?									
City Staff March 2004									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
Impact Fees									
17. What is the source and date of your cost estimate?									
Gaylord Information Systems' estimate 07/22/03.									

**LIBRARY
PROJECT NUMBER: LIBRARY 6
DISABLED ACCESS RAMP**



Description: Remove non-compliant ramp and construct new compliant ramp. Install handrails and modify top and bottom landing to bring into compliance with ADA standards.

Justification: Improved services to our Community.

Operating Budget Effect: Cost to library budget will be minimal.

Relationship to General Plan: Community Enhancement and ADA compliance requirements.

Scheduling: This project is scheduled to begin in 2006.

Status: This project has not begun.

Contact Information:
Project Manager:
vzazuetz@cityofelcentro.org

Victor Zazueta, Director
Victor Zazueta
Phone (760) 337-4566 Fax (760) 337-4564

Library

FY 2004 through 2009 Capital Improvement Program

Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Library		337-4566		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Pedestrian Ramp		6		Parks and Recreation		Water		
3. Location of Project				Public Safety		Wastewater		
City Library		XX		General Government		Drainage Control		
7. Construction		8. Useful Life (years)		6. Project Classification:				
New				Infrastructure Development				
Addition		9. Department Priority		XX		Community Enhancement		
XX		Renovation		1		Community Preservation		
10. Description of Project and Justification (write in space below).								
Remove non-compliant ramp and construct new compliant ramp. Install handrails and modify top and bottom landing to bring into compliance. The renovation of the main entrance to the public library will bring the building up to ADA compliance.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
General Fund	0	0	0	39,000	0	0	0	39,000
	0	0	0	0	0	0	0	0
Total Source	0	0	0	39,000	0	0	0	39,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	0	39,000	0	0	0	39,000
	0	0	0	0	0	0	0	0
Total Costs	0	0	0	39,000	0	0	0	39,000
12. Describe source of funds used or to be used in Question 11 above.								
Source of funding to be announced at a later date								
13. What is the source and date of your cost estimate?								
ADA self-Evaluation & Transition Plan produced by Accessibility/ADA Consulting Architect 2001.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
N/A								
17. What is the source and date of your cost estimate?								
City Library								

**LIBRARY
PROJECT NUMBER: LIBRARY 7
REMODEL ENTRANCE DOOR AND LANDING**



Description: Main north entrance. Provide ADA compliance width door, install kick plate, adjust door height and adjust all door closure times.

Justification: Improved services to our Community.

Operating Budget Effect: Cost to library budget will be minimal.

Relationship to General Plan: Community Enhancement and ADA compliance requirements.

Scheduling: This project is scheduled to begin in 2005.

Status: This project has not begun.

Contact Information:
Project Manager:
vzazuetz@cityofelcentro.org

Victor Zazueta, Director
Victor Zazueta
Phone (760) 337-4566 Fax (760) 337-4564

Library
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Library		337-4566		5. Project Category:				
2a. Name of Project		2b. Project #		Building and Facilities		Transportation		
Entrance Door Landing		7		Parks and Recreation		Water		
3. Location of Project				Public Safety		Wastewater		
City Library				XX		General Government		Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
New				Infrastructure Development				
Addition		9. Department Priority		XX		Community Enhancement		
XX		Renovation		1		Community Preservation		
10. Description of Project and Justification (write in space below).								
Main north entrance: Provide compliant width door. Install kick plate to bottom of glass door. Exit landing. Adjust door closure for 8.5 lbs opening force and 3 seconds close time for the entrance door at the north entrance, westerly entrance, and the McGee Room entrance. Provide compliant strike jamb clearances. Install raised threshold.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
General Fund	0	0	0	33,000	0	0	0	33,000
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Total Source	0	0	0	33,000	0	0	0	33,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	0	33,000	0	0	0	33,000
Total Costs	0	0	0	33,000	0	0	0	33,000
12. Describe source of funds used or to be used in Question 11 above.								
Source funding to be determined. Will apply for CDBG								
13. What is the source and date of your cost estimate?								
ADA Self-Evaluation # Transition Plan produced by Accessibility/ADA Consulting Architect 2001.								
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?				
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
N/A								
17. What is the source and date of your cost estimate?								
Library Director								

LIBRARY
PROJECT NUMBER: LIBRARY 10
REMODEL PUBLIC RESTROOMS



Description: Bring both the men and women's restrooms into compliance with ADA requirements.

Justification: Improved services to our Community.

Operating Budget Effect: Cost to library budget will be minimal.

Relationship to General Plan: Community Enhancement and ADA requirements.

Scheduling: This project is scheduled to begin in 2006.

Status: This project has not begun.

Contact Information:

Project Manager:

vzazuetz@cityofelcentro.org

Victor Zazueta, Director

Victor Zazueta

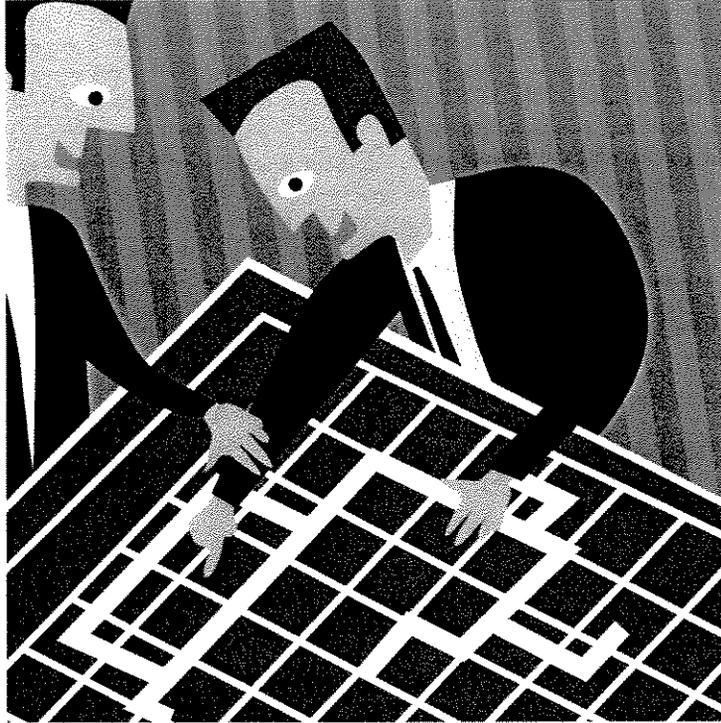
Phone (760) 337-4566

Fax (760) 337-4564

Library
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Library		337-4566		5. Project Category:					
2a. Name of Project		2b. Project #				Building and Facilities		Transportation	
Public Restrooms		10				Parks and Recreation		Water	
3. Location of Project						Public Safety		Wastewater	
City Library				XX		General Government		Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
New						Infrastructure Development			
Addition		9. Department Priority		XX		Community Enhancement			
XX Renovation		1				Community Preservation			
10. Description of Project and Justification (write in space below).									
Bring women and men's restrooms at the Library into ADA compliance									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
General Fund		0	0	0	30,415	0	0	0	30,415
			0	0	0	0	0	0	0
			0	0	0	0	0	0	0
Total Source		0	0	0	30,415	0	0	0	30,415
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering			0	0	0	0	0	0	0
Construction		0	0	0	30,415	0	0	0	30,415
		0	0	0	0	0	0	0	0
Total Costs		0	0	0	30,415	0	0	0	30,415
12. Describe source of funds used or to be used in Question 11 above.									
CDBG If available.									
13. What is the source and date of your cost estimate?									
ADA Self-Evaluation & Transition Plan-Barrier Removal Plan produced by Accessibility/ADA Consulting Architects, 2001.									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
Completing this project should not impact the Library's operational budget, but it might lessen the City's exposure to litigation.									
17. What is the source and date of your cost estimate?									
City Library Director									

ECONOMIC DEVELOPMENT SUMMARY



**City of El Centro
Economic Development Administration
FY 2004 through 2009 Capital Improvement Program
Summary Information for Budget Requests**

1a. Department Name	1b. Contact/Phone	4. Date Submitted:
Economic Development	Oscar Rodriguez 337-5184	5. Project Category:

2a. Name of Project	2b. Project #	XX	Economic Development	XX	Community Enhancement
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10. Description of Projects and Project Numbers

Incubator Project 07-01-5123 **Replace Shades Parking Areas**

11. Project Sources and Uses of Funds

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
El Centro Redevelopment Agency	0	650,000	0	0	0	0	0	650,000
Economic Development Administration	0	467,500	822,500	0	0	0	0	1,290,000
Total Source	0	1,117,500	822,500	0	0	0	0	1,940,000

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Administration/Legal Exp.	0	8,500	8,500	0	0	0	0	17,000
Land	0	93,000	0	0	0	0	0	93,000
Architectural/Engineering	0	99,000	0	0	0	0	0	99,000
Inspection Fees	0	8,500	8,500	0	0	0	0	17,000
Construction	0	908,500	758,500	0	0	0	0	1,667,000
Equipment	0	0	47,000	0	0	0	0	47,000
Total Costs	0	1,117,500	822,500	0	0	0	0	1,940,000

Operational Impact (Operations, Maintenance & Repairs)

15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0

16. Describe source of funds used or to be used in Question 15 above.

17. What is the source and date of your cost estimate?

**ECONOMIC DEVELOPMENT DEPARTMENT
PROJECT NUMBER 07-01-05123
EL CENTRO BUSINESS/INDUSTRIAL INCUBATOR FACILITY**



Description: Construction of 10,000 square foot combination office and industrial building to serve as a small business incubator.

Justification: The purpose of the business/industrial incubator facility will be to promote small business entrepreneurs within the City of El Centro and the surrounding Imperial County area. The building design will incorporate interior business offices, conference rooms, telecommunications centers and computer facilities. The project is expected to generate up to 50 new jobs and house seven to ten small businesses.

Operating Budget Effect: The project is being funded with a grant awarded from the U.S. Department of Commerce, Economic Development Administration in the amount of \$1,290,000. The El Centro Redevelopment Agency is providing a \$500,000 match, which consists of a \$410,000 cash contribution and a land donation of \$90,000 to complete the development of this project. Operating budget impact is expected to be minimal.

Relationship to General Plan: The construction of the business/industrial incubator facility addresses issues, goals, and policies in the current proposed General Plan Economic Development Element, which relate to the attraction and retention of new and existing businesses within the community.

Scheduling: Architectural design was completed by Coup/Smith/Diaz Architects in August 2003. Construction contract was awarded to DEZ Construction with a Notice to Proceed provided by the City Clerk on December 15, 2003.

Status: December 19, 2003
Construction started.

Contact Information:
Project Manager:
orodriguez@cityofelcentro.org

Oscar Rodriguez, Director
Oscar Rodriguez
Phone (760) 337-5184 Fax (760) 337-4564

Economic Development
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		12/19/2003		
Economic Development		Oscar Rodriquez (760) 337-4543		5. Project Category:				
2a. Name of Project		2b. Project #		X		Building and Facilities		Transportation
El Centro Business/Industrial Incubator Facility		07-01-05123				Parks and Recreation		Water
3. Location of Project						Public Safety		Wastewater
Centerpoint Industrial Park						General Government		Drainage Control
7. Construction		8. Useful Life (years)		6. Project Classification:				
X		New		20 years		X		Economic Development
		Addition		9. Department Priority		X		Community Enhancement
		Renovation						Community Preservation
10. Description of Project and Justification (write in space below).								
This project consists of a 10,000 square foot combination office and industrial building to serve as a small business incubator. Agency staff is planning to attract a variety of existing and startup businesses involved in border commerce and other light manufacturing and fabrication. This project is expected to generate up to 50 new jobs and house seven to ten small businesses.								
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
El Centro Redevelopment Agency	0	500,000	0	0	0	0	0	500,000
Economic Development Administration	0	467,500	822,500	0	0	0	0	1,290,000
Total Source	0	967,500	822,500	0	0	0	0	1,790,000
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Administration/Legal Exp.	0	8,500	8,500	0	0	0	0	17,000
Land	0	93,000	0	0	0	0	0	93,000
Architectural/Engineering	0	99,000	0	0	0	0	0	99,000
Inspection Fees	0	8,500	8,500	0	0	0	0	17,000
Construction	0	758,500	758,500	0	0	0	0	1,517,000
Equipment	0		47,000	0	0	0	0	47,000
Total Costs	0	967,500	822,500	0	0	0	0	1,790,000
12. Describe source of funds used or to be used in Question 11 above.								
In September 2001 the City of El Centro was awarded a \$1,290,000 grant from the U.S. Department of Commerce, Economic Development Administration and the El Centro Redevelopment Agency committed a \$500,000 match, which consists of a \$410,000 cash contribution and a land donation of \$90,000 to complete the development of the project.								
13. What is the source and date of your cost estimate?								
(1) City and Agency Development Team, July 2001 (2) Cumming, LLC, December 2002								
14.a What is the sq. ft.?	10,000	14.b Cost per sq. ft.?	\$167.77	14.3 Total Cost (a*b)?	\$1,677,698.00			
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	0	0	0	0	0	0
Total Costs	0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.								
No Information Received as of March 2004								
17. What is the source and date of your cost estimate?								

**Economic Development
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		12/19/2003			
Economic Development		Oscar Rodriguez (760) 337-4543		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities		Transportation			
Downtown/RDA Shades		N/A		Parks and Recreation		Water			
3. Location of Project				Public Safety		Wastewater			
Downtown and Redevelopment Agency		X		General Government		Drainage Control			
7. Construction		8. Useful Life (years)		6. Project Classification:					
X New		20 years		Infrastructure Development					
Addition		9. Department Priority		X Community Enhancement					
Renovation				Community Preservation					
10. Description of Project and Justification (write in space below).									
Replacement of dilapidated shades and improvement and enhancement of parking areas.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
El Centro Redevelopment Agency		0	150,000	0	0	0	0	0	150,000
Economic Development Administration		0	0	0	0	0	0	0	0
Total Source		0	150,000	0	0	0	0	0	150,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Administration/Legal Exp.		0	0	0	0	0	0	0	0
Land		0	0	0	0	0	0	0	0
Architectural/Engineering		0	0	0	0	0	0	0	0
Inspection Fees		0	0	0	0	0	0	0	0
Construction		0	150,000	0	0	0	0	0	150,000
Equipment		0	0	0	0	0	0	0	0
Total Costs		0	150,000	0	0	0	0	0	150,000
12. Describe source of funds used or to be used in Question 11 above.									
El Centro Redevelopment Agency Funds.									
13. What is the source and date of your cost estimate?									
Prior downtown shade project.									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	0	0	0
16. Describe source of funds used or to be used in Question 15 above.									
No Information Received as of March 2004									
17. What is the source and date of your cost estimate?									

**ECONOMIC DEVELOPMENT DEPARTMENT
DOWNTOWN PARKING LOTS SHADE STRUCTURE PROJECT**



Description: The “Downtown Parking Lots Shade Structure Project” consists of installing additional shades in the downtown business area. The additional shade area to be installed in existing parking lots #5 and #8. The addition of these shades will add approximately 46 covered parking spaces.

Justification: This improvement should encourage shoppers to the downtown during the summer months.

Operating Budget Effect: Operating budget impact is expected to be minimal.

Relationship to General Plan: This project conforms to the City General Plan.

Scheduling: The project is expected to be completed by this summer.

Status: Bid process has started.

Contact Information:

Project Manager:

orodriguez@cityofelcentro.org

Oscar Rodriguez, Director

Oscar Rodriguez

Phone (760) 337-5184

Fax (760) 337-4564

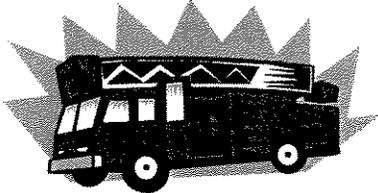
FIRE DEPARTMENT SUMMARY



Fire Department Summary
FY 2004 through 2009 Capital Improvement Program
Department Summary of Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:				
Fire Department		337-4530		5. Project Category:				
2a. Name of Project		2b. Project #		XX		Public Safety		
Fire Department Projects		All Fire Department				Transportation		
3. Location of Project						Parks and Recreation		
Various Locations		XX				Water		
						Wastewater		
7. Construction		8. Useful Life (years)		6. Project Classification:				
XX		New		XX		Infrastructure Development		
XX		Addition				Community Enhancement		
		Renovation				Community Preservation		
10. Description of Projects and Project Numbers								
Fire Engine 2004 w/Steam replaces HME Pumper				Relocation of Station #1 with EOC				
Fire Engine 2004 w/Snorkel replace Snorkel & 1997 truck				Fire Engine in 2008				
11. Project Sources and Uses of Funds								
Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
General Fund COP Debt	0	0	500,000	2,298,000	0	0	0	2,798,000
Development Fees	0	0	0	0	0	400,000	0	400,000
Impact Fees	0	100,000	117,900	117,900	117,900	117,900	117,900	689,500
Housing Grant	0	80,000	0	0	0	0	0	80,000
RDA	0	0	500,000	500,000	0	0	0	1,000,000
Total Source	0	180,000	1,117,900	2,915,900	117,900	517,900	117,900	4,967,500
Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	260,000	0	0	0	0	260,000
Construction	0	0	0	2,538,000	0	0	0	2,538,000
Land Acquisition	0	0	1,000,000	0	0	0	0	1,000,000
Fire Engine	0	180,000	1,117,900	117,900	117,900	517,900	117,900	2,169,500
Total Costs	0	180,000	2,377,900	2,655,900	117,900	517,900	117,900	5,967,500
Operational Impact (Operations, Maintenance & Repairs)								
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE								
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	300,000	300,000	600,000
Services and Supplies	0	0	20,000	20,000	20,600	20,600	30,900	112,100
Total Costs	0	0	20,000	20,000	20,600	320,600	330,900	712,100
16. Describe source of funds used or to be used in Question 15 above.								
General Fund								
17. What is the source and date of your cost estimate?								
Fire Chief								

**FIRE DEPARTMENT
PROJECT NUMBER
REPLACEMENT OF 1977 FIRE ENGINE AND
REASSIGNMENT OF ONE 1995 HME TRIPLE COMBINATION PUMPER**



Description: Replacement of one 1977 Fire engine and reassignment of one 1995 HME Triple Combination Pumper fire truck to reserve.

Justification: The purpose of the replacement of the 1977 fire engine is that it is now 26 years old, and in fair condition. It is not cost effective to repair and upkeep.

Operating Budget Effect: The impact will be on the development fees. The maintenance budget should see a reduction in cost.

Scheduling: Need to order the second quarter of 2004.

Status: The Fire Department Committee has reviewed the specifications and is ready to solicit Requests for Proposals.

Contact Information:
Project Manager:
cbeard@ecfd.org

Charles Beard, Fire Chief
Charles Beard, Fire Chief
Phone (760) 337-4534 Fax (760) 337-4539

FIRE DEPARTMENT
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		2/19/2004			
Fire Dept		Chief Beard 337-4530		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities		Transportation			
Fire Eng w/Stream 2004		1		Parks and Recreation		Water			
3. Location of Project		x		Public Safety		Wastewater			
				General Government		Drainage Control			
7. Construction		8. Useful Life (years)		6. Project Classification:					
x		New		18 Years		x			Infrastructure Development
		Addition		9. Department Priority					Community Enhancement
		Renovation							Community Preservation
10. Description of Project and Justification (write in space below).									
The Fire Department proposes to replace the 1977 Fire Engine which is 26 years old and reassignment of one 1995 HME triple combination truck to reserve. The replacement should reduce the maintenance budget.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Development Fees		0	0	0	0	0	0	0	
Housing grant		80,000	0	0	0	0	0	80,000	
Lease purchase over 7 years paid with Impact Fees		50,000	58,500	58,500	58,500	58,500	58,500	342,500	
Total Source	0	130,000	58,500	58,500	58,500	58,500	58,500	422,500	
Project Costs									
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Engineering	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	
Lease 7 yrs purchase vehicle	0	130,000	58,500	58,500	58,500	58,500	58,500	422,500	
Total Costs	0	130,000	58,500	58,500	58,500	58,500	58,500	422,500	
12. Describe source of funds used or to be used in Question 11 above.									
Development Fees and a housing grant will be used to replace the fire engine.									
13. What is the source and date of your cost estimate?									
Development Fees and a Housing grant will be used to replace the fire engine during the second quarter 2004. The Fire Department Committee has reviewed the specifications and is ready to solicit Requests for Proposals.									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Personnel Services	0	0	0	0	0	0	0	0	
Services and Supplies	0	0	10,000	10,000	10,300	10,300	10,300	50,900	
Total Costs	0	0	10,000	10,000	10,300	10,300	10,300	50,900	
16. Describe source of funds used or to be used in Question 15 above.									
Operations									
17. What is the source and date of your cost estimate?									
Fire Chief									

**FIRE DEPARTMENT
PROJECT NUMBER 2
REPLACEMENT OF 1977 FIRE ENGINE AND
REPLACEMENT OF A 1967 SNORKEL**



Description: Replacement of one 1977 Fire engine and also replacement of one 1967 Snorkel with one new engine.

Justification: The purpose of the replacement of the 1977 fire engine is that it is now 26 years old, and the 1967 Snorkel is now 37 years old. They do not meet the safety standards and the elevated arm has been red-tagged. Both

units are not cost effective to repair. Purchasing this engine will allow for the 1986 engine to be reassigned to reserve.

Operating Budget Effect: The impact will be on the development fees. The maintenance budget should see a reduction in cost.

Scheduling: Need to order the second quarter of 2004.

Status: The Fire Department Committee will have reviewed the specifications for a new fire engine.

Contact Information:
Project Manager:
cbeard@ecfd.org

Charles Beard, Fire Chief
Charles Beard, Fire Chief
Phone (760) 337-4534

Fax (760) 337-4539

FIRE DEPARTMENT
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		2/19/2004	
Fire Dept		Chief Beard 337-4530		5. Project Category:			
2a. Name of Project		2b. Project #		Building and Facilities		Transportation	
Fire Eng w/Snorkel		2		Parks and Recreation		Water	
3. Location of Project				x		Public Safety	
Fire Department						Wastewater	
7. Construction				8. Useful Life (years)		6. Project Classification:	
x		New		18 Years		x	
		Addition		9. Department Priority		Infrastructure Development	
		Renovation				Community Enhancement	
						Community Preservation	

10. Description of Project and Justification (write in space below).
 The Fire Department proposes to replace the 1977 Fire Engine which is 26 years old and the 1967 Snorkel is 37 years old and purchase one new engine that will replace both. These two pieces of equipment do not meet the safety standards and the elevated arm has been red-tagged. Both units are not cost effective to repair.

11. Project Sources and Uses of Funds

Sources of Funds								
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Lease/paid with Impact Fees over 7 years		50,000	59,400	59,400	59,400	59,400	59,400	347,000
Hsg. Grant								0
Total Source	0	50,000	59,400	59,400	59,400	59,400	59,400	347,000

Project Costs								
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0
Fire Engine lease Purchase payment over 7 years last pymt. 2010	0	50,000	59,400	59,400	59,400	59,400	59,400	347,000
Total Costs	0	50,000	59,400	59,400	59,400	59,400	59,400	347,000

12. Describe source of funds used or to be used in Question 11 above.
 Development Fees will be used to replace the fire engine

13. What is the source and date of your cost estimate?
 Development Fees will be used to replace the fire engine during the second quarter 2004. The Fire Department Committee has reviewed the specifications and is ready to solicit Requests for Proposals.

14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?	
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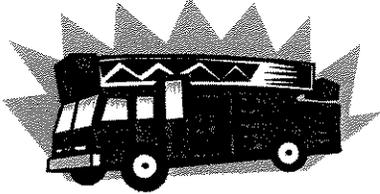
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE

Increase (Decrease) to OM&R Costs	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services	0	0	0	0	0	0	0	0
Services and Supplies	0	0	10,000	10,000	10,300	10,300	10,300	50,900
Total Costs	0	0	10,000	10,000	10,300	10,300	10,300	50,900

16. Describe source of funds used or to be used in Question 15 above.
 Operations

17. What is the source and date of your cost estimate?
 Fire Chief

**FIRE DEPARTMENT
PROJECT NUMBER 5
REPLACEMENT OF 1986 FIRE ENGINE**



Description: Replacement of one 1986 Fire Engine.

Justification: The purpose of the replacement of the 1986 fire engine will be 23 years old and will not be cost effective to maintain.

Operating Budget Effect: The will have an impact on the operational fees once vehicle is purchased.

Scheduling: Need to order the second quarter of 2008.

Status: Committee will have reviewed the specifications for a new fire engine.

Contact Information:

Project Manager:
cbeard@ecfd.org

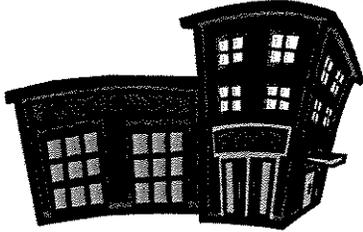
Charles Beard, Fire Chief
Charles Beard, Fire Chief
Phone (760) 337-4534

Fax (760) 337-4539

FIRE DEPARTMENT
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		2/19/2004			
Fire Dept		Chief Beard 337-4530		5. Project Category:					
2a. Name of Project		2b. Project # 5		Building and Facilities		Transportation			
Fire Eng 2008				Parks and Recreation		Water			
3. Location of Project				x Public Safety		Wastewater			
Fire Department				General Government		Drainage Control			
7. Construction		8. Useful Life (years)		6. Project Classification:					
x New		18 Years		x Infrastructure Development					
		Addition		9. Department Priority		Community Enhancement			
		Renovation		Community Preservation					
10. Description of Project and Justification (write in space below).									
The Fire Department proposes to replace the 1986 Fire Engine which will be 23 years old and will not be cost effective to maintain.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Lease Purchase 7 yrs. Paid with development fees			0	0	0	0	400,000	0	400,000
Total Source		0	0	0	0	0	400,000	0	400,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	0	0	0	0	0	0
Construction		0	0	0	0	0	0	0	0
Purchase Vehicle		0	0	0	0	0	400,000	0	400,000
Total Costs		0	0	0	0	0	400,000	0	400,000
12. Describe source of funds used or to be used in Question 11 above.									
Development Fees to replace one 1986 fire engine.									
13. What is the source and date of your cost estimate?									
Staff Estimates									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	0	0	0
Services and Supplies		0	0	0	0	0	0	10,300	10,300
Total Costs		0	0	0	0	0	0	10,300	10,300
16. Describe source of funds used or to be used in Question 15 above.									
Operations									
17. What is the source and date of your cost estimate?									
Staff Estimates									

**FIRE DEPARTMENT
PROJECT NUMBER 4
RELOCATE FIRE STATION NUMBER ONE**



Description: The project consists of relocating fire station number one and includes the Emergency Operations Center to this new location.

Justification: The relocation of the fire station will provide the ability to upgrade the existing fire station and add the Emergency Operating Center,

Operating Budget Effect: The current cost to maintain Fire Station Number One will be reduced.

Scheduling: Need to start the project in the year 2005 with the purchase of land and engineering.

Status: The Fire Department Committee will have reviewed the specifications.

Contact Information:

Project Manager:
cbeard@ecfd.org

Charles Beard, Fire Chief
Charles Beard, Fire Chief
Phone (760) 337-4534

Fax (760) 337-4539

FIRE DEPARTMENT
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:		2/19/2004			
Fire Dept		Chief Beard 337-4530		5. Project Category:					
2a. Name of Project		2b. Project #		Building and Facilities				Transportation	
Fire Station One and EOC		3		Parks and Recreation				Water	
3. Location of Project				x		Public Safety		Wastewater	
Fire Station One and EOC						General Government		Drainage Control	
7. Construction		8. Useful Life (years)		6. Project Classification:					
x		New		75 Years		x		Infrastructure Development	
		Addition		9. Department Priority				Community Enhancement	
		Renovation						Community Preservation	
10. Description of Project and Justification (write in space below).									
Relocation of Fire Station Headquarters with Emergency Office Center (EOC) to the west side of Imperial Avenue on Main Street. The relocation will provide the ability to upgrade the existing Fire Station Number One and add the EOC. The City of El Centro does not have an EOC center.									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
General Fund COP Debt		0	0	500,000	2,298,000	0	0	0	2,798,000
RDA		0	0	500,000	500,000	0	0	0	1,000,000
Total Source		0	0	1,000,000	2,798,000	0	0	0	3,798,000
Project Costs									
Project Costs		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Engineering		0	0	260,000	0	0	0	0	260,000
Construction		0	0	0	2,538,000	0	0	0	2,538,000
Purchase Property		0	0	1,000,000	0	0	0	0	1,000,000
Total Costs		0	0	1,260,000	2,538,000	0	0	0	3,798,000
12. Describe source of funds used or to be used in Question 11 above.									
COP Debt									
13. What is the source and date of your cost estimate?									
City Staff									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)?					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to OM&R Costs		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Personnel Services		0	0	0	0	0	300,000	300,000	600,000
Services and Supplies		0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
Total Costs		0	0	0	0	0	300,000	300,000	600,000
16. Describe source of funds used or to be used in Question 15 above.									
Additional Personnel Costs from General Fund									
17. What is the source and date of your cost estimate?									
City Staff									

Footnote: 1) Staff will revisit this project to include Police which will expand the project.
2) Personnel cost in item 15 includes only Fire and does not include Police.
3) Debt in 2005 will be COP secured by sales tax in the General Fund.

FINANCE DEPARTMENT SUMMARY



**Finance Department Summary
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests**

1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Finance		337-4550/Lau		5. Project Category:					
2a. Name of Project		2b. Project #		XX		Parks and Recreation		XX	Community Enhancement
Finance		1				Parks and Recreation		XX	Water
3. Location of Project						Public Safety			Sewer
City Hall						General Government			Drainage
7. Construction		8. Useful Life (years)		6. Project Classification:					
XX		New		5 years		Infrastructure Development			
		Addition		9. Department Priority		Community Enhancement			
		Renovation				Community Preservation			
10. Description of Projects and Project Numbers									
Finance Software									
11. Project Sources and Uses of Funds									
Sources of Funds									
Sources of Funds	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
General Fund	0	0	0	34,200	44,600	44,600	44,600	168,000	
Dev. Impact Fees	0	0	189,600	10,400	0	0	0	200,000	
Water Enterprise Fund	0	0	0	21,000	21,000	21,000	21,000	84,000	
Wastewater Funds	0	0	0	21,000	21,000	21,000	21,000	84,000	
RDA	0	0	0	3,000	3,000	3,000	3,000	12,000	
Total Source	0	0	189,600	89,600	89,600	89,600	89,600	548,000	
Project Costs									
Project Costs	Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
Engineering	0	0	40,000	0	0	0	0	40,000	
Construction	0	0	0	0	0	0	0	0	
Software/Train/Hardware	0	0	508,000					508,000	
Total Costs	0	0	548,000	0	0	0	0	548,000	
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
Increase (Decrease) to	Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals	
OM&R Costs									
Personnel Services	0	0	0	0	0	0	0	0	
Services and Supplies	0	0	0	35,000	35,000	35,000	35,000	140,000	
Total Costs	0	0	0	35,000	35,000	35,000	35,000	140,000	
16. Describe source of funds used or to be used in Question 15 above.									
Allocated to the sources of funds as listed in item 12.									
17. What is the source and date of your cost estimate?									
Same as item 13.									

**FINANCE DEPARTMENT
PROJECT NUMBER
FINANCIAL COMPUTER SOFTWARE**



Description: Consists of both financial and programmatic modules that are needed for both budgeting and daily operations of the City's Finance operations.

Justification: The current software is twelve years old and due to the growth of the City is inadequate to provide both financial and programmatic financial needs of the City.

Operating Budget Effect: This project will have an operational impact, as interest will be paid due to debt financing.

Relationship to General Plan: This item conforms to the General Plan.

Scheduling: Needs assessment will begin in the summer of 2004 and it is anticipated to implement the software around February 2005.

Status: This project has not begun.

Contact Information:
Project Manager:
jlau@cityofelcentro.org

John Lau, Director of Finance
John Lau, Director of Finance
337-4550

Finance Department
FY 2004 through 2009 Capital Improvement Program
Detailed Information for Budget Requests

1a. Department Name		1b. Contact/Phone		4. Date Submitted:					
Finance		337-4550/Lau		5. Project Category:					
2a. Name of Project		2b. Project #				Building and Facilities		Transp.	
City Finance Software		1				Parks and Recreation		Water	
3. Location of Project						Public Safety		Wastewater	
City Hall				X		General Government		Drainage	
7. Construction		8. Useful Life (yrs)		6. Project Classification:					
X New		5 years				Infrastructure Development			
		Addition		9. Department Prio		X		Community Enhancement	
		Renovation		1				Community Preservation	
10. Description of Project and Justification (write in space below).									
New financial software.									
11. Project Sources and Uses of Funds									
Sources of Funds									
		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Sources of Funds		0	0	0	34,200	44,600	44,600	44,600	168,000
General Fund		0	0	189,600	10,400	0	0	0	200,000
Dev. Impact Fees		0	0	0	21,000	21,000	21,000	21,000	84,000
Water Enterprise Fund		0	0	0	21,000	21,000	21,000	21,000	84,000
Wastewater Funds		0	0	0	3,000	3,000	3,000	3,000	12,000
RDA		0	0	189,600	89,600	89,600	89,600	89,600	548,000
Total Source		0	0	189,600	89,600	89,600	89,600	89,600	548,000
Project Costs									
		Project Life to Date Total	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Project Costs		0	0	40,000	0	0	0	0	40,000
Engineering		0	0	0	0	0	0	0	0
Construction		0	0	508,000	0	0	0	0	508,000
Software/Train/Hardware		0	0	548,000	0	0	0	0	548,000
Total Costs		0	0	548,000	0	0	0	0	548,000
12. Describe source of funds used or to be used in Question 11 above.									
General Fund/Development Impact Fees/Redevelopment Funds/Water and Wastewater Enterprise funds									
13. What is the source and date of your cost estimate?									
Discussion with Several Software Vendors and Consultants as of Feb. 23, 2004.									
14.a What is the sq. ft.?		14.b Cost per sq. ft.?		14.3 Total Cost (a*b)					
Operational Impact (Operations, Maintenance & Repairs)									
15. Describe the Impact to the Operational Budget ~ Increase or (Decrease) THIS AMOUNT MUST BE REFLECTED IN YOUR 2005 BUDGET REQUEST FORM FROM FINANCE									
		Number of Employees	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Project Totals
Increase (Decrease) to OM&R Costs		0	0	0	0	0	0	0	0
Personnel Services		0	0	0	35,000	35,000	35,000	35,000	140,000
Services and Supplies		0	0	0	35,000	35,000	35,000	35,000	140,000
Total Costs		0	0	0	35,000	35,000	35,000	35,000	140,000
16. Describe source of funds used or to be used in Question 15 above.									
Allocated to the sources of funds as listed in item 12.									
17. What is the source and date of your cost estimate?									
Same as item 13.									

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**The City of El Centro
Master Plan Amendment**

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EXECUTIVE SUMMARY

Objectives of Study

The primary objectives of this Master Plan Amendment are the following:

- Identify anticipated new developments to which the City of El Centro will extend its potable water distribution and wastewater collection system over a five, ten, and “full buildout” time periods
- Determine to what extent the new developments may be supported by existing infrastructure
- Determine pipeline and wastewater pumping facilities that will be required to reliably and adequately serve the anticipated developments
- Develop a Capital Improvements Plan (CIP) for both the water distribution system and wastewater collection system that identifies the improvements over five, ten, and “full buildout” time periods

Water Distribution System Recommendations and Capital Improvements Plan

2005-2009

Most of the proposed developments during this phase are located near the water treatment facility, the La Brucherie facility, and/or existing and under-construction large diameter pipelines. For this reason, only limited expansion of the water distribution system is required.

- Construct a 20-inch pipeline along Main Street from the Lotus Canal to Austin Road
- Locate and purchase a site on the east side of the City for a future potable water storage and pumping facility.

2010-2014

City growth between 2010 and 2014 is projected to take place on all sides of the City. It is during this phase that the City should construct much of the full build out loops. At the end of this phase, several large diameter loops will have been constructed, supplying rings of high pressure water to the central, northern, and eastern portions of the City. Similarly, portions of additional, future western loops will have begun. The following capital improvements should be made during this phase:

- Complete a loop between the 20-inch pipeline at the Imperial Valley Mall and the 12-inch pipeline at Ross Avenue and Industry Way.

- Extend a 20-inch pipeline east to the Lotus Canal from the existing 18-pipeline along Wake Avenue.
- Construct an 18-inch pipeline along Bradshaw Drive from Imperial Avenue to Farnsworth. From there, the pipeline should head south to Main Street. An 18-inch connection should also be made between Farnsworth and Dogwood along Adams Avenue.

Full Buildout

This phase represents a scenario in which all of the existing Sphere of Influence is developed, likely a time period extending more than 15 years from the time of writing this report. As mentioned previously, it is possible that the anticipated land uses for these areas change, thereby changing the flows that are projected in this document. The City should reevaluate the full buildout scenario's land use, growth projections, and infrastructure improvement recommendations every five years. The following improvements should be made during this phase:

- Complete a loop along Nichols Road (20-inch between Dannenberg Drive and Main Street, 18-inch between Main Street and Bradshaw Drive), Wake Avenue (20-inch between the Lotus Canal and Nichols Road) and Bradshaw Drive (18-inch between Nichols Road and La Brucherie Road). The water pipeline along Nichols Road should be constructed concurrently with the proposed trunk sewer along the same alignment to save the City money.
- Construct a 20-inch diameter loop along Main Street from Austin Road to Nichols Road, connecting to the east to a pipeline recommended for construction by 2009. This will also connect the loop along Nichols Road to the La Brucherie Facility.
- Extend the large diameter pipelines along Bradshaw Drive and Dannenberg Drive east past Cooley Road for the basis for future growth in the distribution system east of the existing Sphere of Influence.
- Construct a remote potable water storage and pumping facility in the vicinity of the intersection of Ross Avenue and the Alder Canal to provide additional storage for the growing City and a high pressure source a significant distance away from the water treatment facility. The City should locate and acquire this property by 2009.
- Install a parallel 30-inch pipeline from the water treatment facility booster pumps to where it branches to several pipelines outside of the treatment facility.

- Install a 30-inch pipeline along the western, southern, and eastern edge of the treatment facility. The City should reserve a 15-foot wide alignment in these portions of the treatment facility for the future installation of this pipeline. Reserving this alignment within the property of the treatment facility will permit the City to install the pipe with little inconvenience to its surrounding residents, lower capital costs, and reduce environmental requirements.
- Mandate that 12-inch pipelines be installed along major roads south of I-8, especially in areas within one mile of the water treatment facility, except where other sizes are specifically noted in this document. This will help minimize headlosses near the treatment facility and help ensure adequate pressure for the entire City.
- Reexamine and update, if necessary, the pressure monitoring locations within the distribution system to help ensure that all portions of the distribution system maintain adequate pressure.

TABLE ES-1 WATER DISTRIBUTION SYSTEM CAPITAL IMPROVEMENTS PLAN

Item	Unit	Cost per Unit	No. of Units	Est. Capital Cost (\$2004)
2005-2009				
20-inch Pipeline along Main Street	LF	\$ 150	2,600	\$ 390,000
East Side Water Storage and Pump Facility Purchase of Property	Acres	75,000	4	300,000
Total Capital Cost for 2005-2009 Phase				\$ 690,000
2010-2014				
18-inch Pipeline along Farnsworth	LF	130	6,500	845,000
20-inch Pipeline along Alder Canal	LF	150	5,500	825,000
18-inch Pipeline along Adams Avenue	LF	130	2,600	338,000
18-inch Pipeline Bradshaw Drive	LF	130	7,900	1,027,000
20-inch Pipeline along Wake Avenue	LF	150	2,640	396,000
Total Capital Cost for 2010-2014 Phase				\$ 3,431,000
Full Buildout				
East Side Water Storage and Pump Facility				
Storage Tanks	MG ¹	750,000	10	7,500,000
Pump Room	LS	1,000,000	1	1,000,000
Miscellaneous Site Improvements	LS	100,000	1	100,000
Site Piping	LS	75,000	1	75,000
Engineering, Survey, and Environmental Svcs	LS	500,000	1	500,000
18-inch Pipeline along Nichols Road ²	LF	120	6,600	792,000
20-inch Pipeline along Nichols Road ²	LF	140	8,000	1,120,000
18-inch Pipeline along Bradshaw Drive	LF	130	18,500	2,405,000
20-inch Pipeline along Main Street	LF	150	2,600	390,000
20-inch Pipeline along Wake Avenue	LF	150	5,300	795,000
20-inch Pipeline along Dannenberg Road	LF	150	5,300	795,000
30-inch Pipeline around Water Treatment Plant	LF	170	5,300	901,000
Total Capital Cost for Full Buildout Phase				\$ 16,373,000
Total Estimated Improvement Cost (\$2004)³				\$ 20,494,000
¹ MG = Million Gallons				
² Estimated cost is based on assumption that water and wastewater pipelines along Nichols Road will be installed concurrently				
³ Pipeline costs include engineering, survey, construction and geotechnical services				

Wastewater Collection System Recommendations and Capital Improvements Plan

2005-2009

Several improvements to the collection system, mostly pump stations and forcemains, are currently under construction or are recently completed. All of the proposed improvements to the City's collection system during this phase will take place south of Interstate-8.

- Construct a regional lift station at the relocated Lift Station No. 2 - This pump station, larger and deeper than the existing Lift Station No. 2, would remove the need for the pump stations planned for the Countryside and Buena Vista developments and centralize the operations and maintenance requirements, providing substantial savings to the City for decades.
- Construct a gravity pipeline along Imperial Avenue and ½ mile north of McCabe Road between Imperial and Farnsworth to connect to the relocated Lift Station No. 2.

2010-2014

The City, while expecting substantial growth, will not require capital improvements to its collection system during the 2010-2014 period. The Alder Sewer will be able to serve the areas to the north and east of the City. Similarly, the relocated Lift Station No. 2 (Regional Pump Station) and other pump stations constructed south I-8 prior to 2010 will be able to support the anticipated growth in that area through 2014, limited to the 900 acres per the agreement with the County. Improvements could be required if the developments projected during the Full Buildout scenario are accelerated into this phase.

Full Buildout

The projected developments during this phase will likely not be required until after 2014. The developments that are actually constructed during this could differ from what is projected. The City should reexamine the projected growth for this time period every five years. The following improvements are required to provide service upon full buildout of the existing Sphere of Influence.

- Construct one Regional Pump Station in the vicinity of the intersection of Austin Road and Dannenberg Drive to serve areas south of I-8 and west of the railroad tracks that will not contribute flow to the La Brucherie pipeline and east of I-8 and Austin Road.
- Construct a forcemain, and a trunk sewer along Nichols Road to convey wastewater from the Regional Pump Station and from residents west of the Lotus Canal
- Construct a new or expand an existing lift station at the wastewater treatment facility to permit the wastewater collected during this phase to flow through the treatment process
- Construct the pipeline along Nichols Road concurrently with the proposed water pipeline on the same alignment

- Extend a trunk sewer east along Cruikshank Drive from the Alder Sewer toward Cooley Road to provide service to areas in the northeastern portions of the City.

TABLE ES-2 WASTEWATER COLLECTION SYSTEM CAP. IMPROVEMENTS PLAN

Item	Unit	Cost per Unit	No. of Units	Est. Capital Cost (\$2004)
2005-2009				
Relocate Lift Station No. 2	LS	\$ 1,200,000	1	\$ 1,200,000
Forcemain from Lift Station No. 2	LF	80	4,000	320,000
18-inch Gravity Line along Imperial Avenue	LF	150	4,000	600,000
18-inch Gravity Line between Imperial and Farnsworth	LF	150	8,000	1,200,000
Total Capital Cost for 2005-2009 Phase				\$ 3,320,000
2010-Full Buildout				
Regional Lift Station at Dannenberg and Austin	LS	1,500,000	1	1,500,000
Forcemain From Lift Station under I-8	LF	200	6,600	1,320,000
30-inch Pipeline along Nichols Road ¹	LF	250	13,200	3,300,000
30-inch Pipeline along Cruikshank Road ¹	LF	250	4,000	1,000,000
Lift Station at Treatment Plant	LS	1,250,000	1	1,250,000
18-inch Pipeline along Cruikshank Road	LF	130	7,900	1,027,000
Total Capital Cost for 2010-2014 Phase				\$ 9,397,000
Total Estimated Improvement Cost (\$2004)²				\$ 12,717,000
¹ Pipeline and lift station costs include engineering, survey, construction and geotechnical services				
² Estimated cost is based on assumption that water and wastewater pipelines along Nichols Road will be installed concurrently				

Methodology and Flow Projections

This study is divided into three periods: within five years, five to ten years, and a Full Buildout Scenario. The Land Use Element of the City's June 2003 Draft General Plan and development information from the City's Public Works and Planning Departments were the primary basis for formulating development and flow projections for each study period. Based on tentative maps, development plans, acreage, land use and engineering judgment, water demands and wastewater generation rates were projected for each of the three study periods. Based on those projections, engineering judgment, guidelines for expanding the water distribution and wastewater collection systems, computer models of the two systems and input from City staff, recommendations were made to expand the City's systems to properly serve projected growth and existing customers.

Detailed flow projections can be found in the appendix, but Table ES-3 and ES-4 below show the assumptions made in preparing the water demands and wastewater generation projections, respectively.

TABLE ES-3 WATER DEMAND PROJECTION ASSUMPTIONS

Residential Development Description	Unit	Persons Per Home	Water Demand				
			Per Capita Average Day Water Demand (gpd)	Per Capita Peak Hour Water Demand (gpd)	Per Capita Max Day Water Demand (gpd)	Average Daily Demand/Unit (gpd)	Max Day Water Demand/Unit (gpd)
Single Family	House	4	135	405	337.5	540	1350
Multiple Family	House	4	100	300	250	400	1000
Single Family*	Acre	4	135	405	337.5	2160	5400
Multiple Family*	Acre	4	100	300	250	1600	4000

Non-Residential Development Description	Unit	Unit Amount	Water Demand		
			Average Daily Demand/Unit (gpd)	Per Unit Peak Hour Water Demand (gpd)	Max Day Water Demand/Unit (gpd)
Commercial	Acres	1	110	330	275
School	Student	1	20	60	50
Open Space	Acres	1	5000	6000	8000
Restaurants	300 Customers	1	2700	2700	2700
Industrial	Acres	1	800	960	1600
Civic	Employee/Visitor	200	100	300	250

*Based on an average of 4 homes per acre

Wastewater Engineering, Metcalf and Eddy, 1991, was used in part to project flow rates.

TABLE ES-4 WASTEWATER GENERATION PROJECTION ASSUMPTIONS

Residential Development Description	Unit	Persons Per Home	Wastewater Generation			
			Per Capita Average Day WW Generation (gpd)	Per Capita Peak Hour WW Generation (gpd)	Average Daily Generation/Unit (gpd)	Peak Hour WW Generation/Unit (gpd)
Single Family	House	4	100	200	400	800
Multiple Family	House	4	70	140	280	560
Single Family*	Acre	4	100	200	1600	3200
Multiple Family*	Acre	4	70	140	1120	2240

Non-Residential Development Description	Unit	Wastewater Generation	
		Per Unit Average Day WW Generation (gpd)	Per Unit Peak Hour WW Generation (gpd)
Commercial	Acres	110	330
School	Student	20	60
Open Space	Acres	0	0
Industrial	Acres	680	816
Civic	Employee/Visitor	100	300

*Based on an average of 4 homes per acre

Wastewater Engineering, Metcalf and Eddy, 1991, was used in part to project flow rates.

INTRODUCTION AND PURPOSE

The City of El Centro anticipates significant growth in residences and commercial, educational, and governmental facilities over the next decade. As such, the City contracted Nolte Associates to prepare this Master Plan Amendment to plan water and wastewater pipeline infrastructure improvements to serve those anticipated customers over five, ten, and “full buildout” time periods. The “full buildout” time period represents an eventual condition for which pipeline and wastewater pumping station improvements will be planned and constructed. This scenario is based on developments that are possible within a time period of no less than 15 years.

The City of El Centro completed a Water and Wastewater Master Plan in 2001 that analyzed the adequacy of the existing water treatment facility, water pumping systems, water storage facilities, water distribution system, wastewater collection system, wastewater pumping system, and the wastewater treatment facility. The 2001 Master Plan was fully funded by the Border Environment Cooperation Commission (BECC), which did not permit a study of the expansion of the water distribution system and wastewater collection system to serve new developments to be included in that document. The 2001 Master Plan’s primary purpose was to identify human health and/or environmental problems within the City’s existing infrastructure. As such, the 2001 Master Plan does not contain any information on expanding the water distribution and wastewater collection systems.

This Master Plan Amendment has several objectives:

- Identify anticipated new developments to which the City of El Centro will extend its potable water distribution and wastewater collection system over a five, ten, and “full buildout” time periods
- Determine to what extent the new developments may be supported by existing infrastructure
- Determine pipeline and wastewater pumping facilities that will be required to reliably and adequately serve the anticipated developments
- Develop a Capital Improvements Plan (CIP) for both the water distribution system and wastewater collection system that identifies the improvements over five, ten, and “full buildout” time periods

LIMITS OF STUDY

This document focuses on how to extend the potable water distribution network and the wastewater collection system to reliably serve future customers. This study focuses on large diameter water distribution and wastewater collection pipelines, forcemains, and pump stations. This study does not include an analysis of any of the following:

- Future small diameter water distribution and wastewater collection pipelines (Smaller than 18", except forcemains), service connections, or distribution and collection pipelines within new developments
- Water treatment, wastewater treatment or raw water storage
- Existing potable water storage facility sites and expansion of those sites
- Wastewater treatment or effluent disposal
- Detailed attention to pumping system improvements
- Detailed attention to future potable water storage improvements
- The ability of the existing water distribution system and wastewater collection system to serve existing customers
- Financial analysis for funding proposed improvements
- Future untreated water allocations to the City by the Imperial Irrigation District or other agency
- Replacement, repair, or improvements to existing wastewater lift stations

Most of these tasks, with the exception of future small diameter pipelines and IID water allocation, are addressed in the Master Plan completed in 2001.

The likelihood is high that the developments identified in this document to be completed within five years will resemble what is physically built. This is due to the progress of the planning and design efforts by and for each of the identified developments. As time extends through the ten-year and "full buildout" time periods, this likelihood becomes less certain. Housing densities and the City's industrial and commercial make-up may differ from what is anticipated in this document. As such, the City should make itself aware of implications that may arise if what is physically built differs from the anticipated land uses shown herein. These implications could include the need for parallel pipelines or oversized pipelines if the anticipated land use, housing densities, water consumption, or wastewater generation vary significantly from what is included herein.

STUDY AREA

The area studied in this plan is limited to the City's Sphere of Influence as shown in the Land Use Element of the City's June 2003 Draft General Plan. The Sphere of influence is shown on Fig. 1 and the study area is bound by the following geographic features:

West – Austin Road

North – Central Drain, which is the City of Imperial City Limit

South – McCabe Road, which is the northern limit of the Heber Public Utility District's Sphere of Influence.

East – Just east of Cooley Road

METHODOLOGY

During the 2001 Master Plan efforts, the City updated its computer models of the water distribution network and wastewater collection system. The computer models represent the physical layout and customer demands of the two systems. The models are able to determine several operating parameters, including the remaining capacity of existing gravity sewers, the residual pressure at the location of an active fire hydrant, and the size of future pipelines that will be needed to serve new developments.

The large diameter water pipelines were sized using the water network computer model and engineering judgment. Because the small diameter pipelines are not modeled in this process, the complete full buildout distribution system is not represented herein. A full buildout would include the small diameter pipelines that branch from the large diameter mains and those that supply water to future homes and businesses. As such, the sizing of the large diameter pipeline loops, i.e. pressure, is based a minimum pressure of 40psi and a full buildout roughness coefficient of 110 along the loop. This will permit headlosses between the large diameter loop and the water demand locations of up to 20psi during fire scenarios. The wastewater collection system improvements are based on engineering judgment and the sewer model. Input from City staff on the proposed water distribution and wastewater collection improvements was sought and received throughout the development of this document.

Nolte used the following sources to determine what growth scenarios should be used for the planning criteria within this document:

- Information provided by the City's Planning and Public Works Departments that show detailed information on specific, near term new developments; i.e. developments that will be completed within five years

- The Land Use Element of the City’s June 2003 Draft General Plan was used as the primary source for projecting the five-year and full build out development levels. The Land Use Element outlines an order of geographic preference for areas to be developed. These development “tiers” were used as the guidelines for which areas are included in developments that will be built within ten years (Tier II in the Land Use Element) and which areas will be built within the “full buildout scenario” (Tier III)

From this information, Nolte projected water demands and wastewater generation rates from the identified areas. The existing computer models were used in part to determine what infrastructure improvements would be needed.

BACKGROUND, GEOGRAPHY, AND CLIMATE

The City’s topography can be characterized as flat, with a gentle slope from the southwest toward the northeast. The City’s wastewater treatment facility is located at the City’s northern edge, along La Brucherie Road at the City Limits. This permits much of the wastewater collection system to operate under gravity, reducing the need for pumping stations. The City’s water treatment and principal pumping facilities are located in the southern portion of the town. This allows some of the system pressure losses as the water flows toward the northern portions of the City to be compensated by that area’s lower elevation.

The City’s climate is arid with high temperatures in the summer months. Winter temperatures are mild, seldom below freezing. Water demands increase significantly in summer months, principally due to higher landscaping demands for single family residences. Wastewater flows are consistent year round, due to the non-seasonal employment and minimal and consistent groundwater infiltration. Groundwater infiltration is low and consistent due to the scarcity of rainfall, the high groundwater levels due to the irrigation throughout the Imperial Valley, and generally clayey soils of the area.

The City purchases all of its untreated water from the Imperial Irrigation District (IID). The purchased water proceeds from the Colorado River via the IID’s canal system. The City owns and operates one water treatment facility and one remote storage and pumping facility. The City owns its wastewater treatment facility and discharges its effluent into an IID Drain.

EXISTING POTABLE WATER STORAGE AND PUMPING FACILITIES

The City's Water Treatment Facility is located at S. 8th Street and Dannenberg Drive, ½ mile south of Interstate 8 (I-8). The City has three potable water storage tanks for a total storage of 10 million gallons (MG). The City has four operational booster pumps at the treatment facility. Each of the pumps has a capacity of 4,000gpm and is powered by a 200HP motor.

The City also has a remote storage and pumping facility located at La Brucherie Avenue and Barbara Worth Drive. This facility is known as the "La Brucherie Facility". There is one tank at the La Brucherie site; it has a 5 MG capacity. The site has space reserved for a second 5 MG tank. There are two pumps at the facility; each has a capacity of 4,000 gpm and is powered by a 200HP motor.

EXISTING WATER DISTRIBUTION SYSTEM

The distribution system consists of large diameter pipelines proceeding from the water treatment facility north toward the City's customers. From the treatment plant, an 18-inch diameter pipeline heads north along Imperial Avenue until Orange Avenue. Similarly, a 30-inch pipe from the treatment facility heads north along 8th Street, decreases to a 24-inch, and ends at Orange Avenue. There are some short segments of large diameter pipe at other places in the distribution network. The majority of the system is comprised of pipelines with diameters ranging from 8 to 12 inches. Refer to Figure 1 for a map of the large water pipelines.

EXISTING LA BRUCHERIE FACILITY OPERATION

Water in the La Brucherie tank is pumped from the storage tank into the distribution system to meet peak water demands during the mornings and evenings. During the three-hour periods, 2,500 gpm is pumped into the system. The morning and afternoon releases generally start at 7 a.m. and 5:30 p.m., respectively. The tank is replenished during minimal consumption times, usually in the early afternoon and early morning. For this to happen, three criteria must be met. First, the pumps must not be pumping into the distribution system. Second, the water level in the tank must be less than 38' above the ground (40' tank). Finally, the system pressure must be greater than 55.4 psi.

Water from the La Brucherie storage site can also release water outside of its normal schedule. Water is pumped into the distribution system when the system pressure falls below 54-psi for

more than 180 consecutive seconds. The secondary pump will begin pumping when the system pressure falls below 53-psi. This remote facility allows the system to meet varying water demands with more consistent water pressure throughout the City than with water pumped only at the treatment plant. It also allows better utilization of existing infrastructure capacity.

Two existing elevated treated water storage tanks are no longer in service. One tank at the corner of 3rd Street and Commercial Avenue was constructed in 1908 and has a capacity of 0.1 MG. The other, located at 8th Street and Vine Street, has a capacity of 0.25 MG and was constructed in 1926. The purpose of these tanks was to maintain adequate water pressure throughout the distribution system. When the system converted to a completely pumped system with a normal operating pressure of 60 psi in 1993, the elevated tanks ceased to be used. Both tanks have a height of approximately 100 feet, which, when full, would only provide a pressure of 43 psi to the system. Because these tanks are no longer utilized, they have not been included in the storage capacity calculations. Because of their removal costs, they have remained abandoned in place.

Substantial improvements to the City's distribution system are under construction. At the time of writing this report, the East Main Street Water Line is being built along Adams Avenue, Cooley Road, Dogwood Avenue, and Main Street in the east portion of the City. These pipelines have a 12-inch diameter.

EXISTING WASTEWATER COLLECTION SYSTEM

Much of the City's collection system was built several decades ago and does not have much, if any, excess capacity. Very little additional flow could be handled by the wastewater collection pipelines along Imperial Avenue, 8th Street, or 4th Street. Hydraulically, there is substantial excess capacity in the gravity sewer along La Brucherie Road, however, the City has an agreement with Imperial County that places limitations on developments that contribute flow to that pipeline. (See following section). There are 10 pump stations within the collection system, including the lift station at the wastewater treatment facility and the recently constructed Orange Avenue Regional Lift Station. Many of these stations, including the Main Lift Station and East Side Lift Station, are aging and are in need of improvements or replacement. Lift Station No. 2, located at I-8 and Imperial Avenue, will need to be relocated to permit Caltrans' improvements to the overcrossing at that intersection.

Substantial improvements to City's collection system are under construction in the north, eastern, and southern portions of the City. At the time of writing this report, the Alder Trunk Sewer Mains and Lift Stations Project is underway. It consists of gravity pipelines (18 to 36 inches),

two pump stations, and a forcemain. It begins at the wastewater treatment facility and heads west along Cruikshank Drive, Bradshaw Drive, and Villa Avenue, then heads south parallel to the Alder Canal until Dannenberg Drive. The Wake Avenue Auto Park Lift Station is also under construction. From this station, a forcemain will head west toward Lift Station No. 2, from which the wastewater flows to the treatment facility via the La Brucherie pipeline. Refer to Figure 2 for a map of the large wastewater pipelines, pump stations, and forcemains.

Limitations on Expanded Use of Existing Wastewater Pipeline along La Brucherie Road

The City of El Centro has an agreement with Imperial County that limits the acreage of development south of I-8 that will contribute flow to the gravity pipeline along La Brucherie Road. The agreement limits contributing development to 900 acres. In reviewing the anticipated developments for the first five years, that 900 acre threshold will be surpassed within the first five years of anticipated developments. The agreement does not place restriction on contributing development north of I-8.

GUIDELINES FOR EXPANDING WATER DISTRIBUTION NETWORK

The following guidelines have been used in determining what improvements are recommended to extend the water distribution network to anticipated customers:

- Utilize existing infrastructure and existing capacity to the greatest reasonable extent before constructing new facilities
- Create large diameter pipeline loops that will circumnavigate the City's outskirts that will provide a ring of high pressure and capacity to areas within and outside of the loops
- Create redundancy (multiple pathway network) whenever and wherever reasonable
- Place new pipelines along major roads and streets
- Remove and prevent "dead-end" pipelines
- Plan for future developments, i.e. "full buildout" scenario, when recommending improvements to serve customers anticipated within five and ten years
- Do not construct improvements into areas further than what is anticipated. (Do not extend pipelines during first the five years into areas that will not need service until the "full buildout" scenario)
- Limit the number of recommended pipe materials and diameters to reduce required stockpiling of replacement materials and maintenance complexity
- Maintain operating pressure along the new large diameter loops above 40 psi during fire scenarios to provide for headlosses between the loops and the fire demand locations. The new large diameter pipeline loops are modeled using a Hazen-Williams coefficient of C=110.

GUIDELINES FOR EXPANDING WASTEWATER COLLECTION SYSTEM

The following guidelines have been used in determining what improvements are recommended to extend the water distribution network to anticipated customers:

- Utilize existing infrastructure and existing capacity to the greatest reasonable extent before constructing new facilities
- Use gravity pipelines to the greatest extent possible
- Minimize pumping requirements
- When pumping is necessary, install regional pump stations to limit the number of pump stations that will be operated and maintained by the City

- Place new pipelines along major roads and streets
- Plan for future developments, i.e. “full buildout” scenario, when recommending improvements to serve customers anticipated within five and ten years
- Do not construct improvements into areas further than what is anticipated. (Do not extend pipelines during first the five years into areas that will not need service until the “full buildout” scenario)
- Limit the number of recommended pipe materials and diameters to reduce required stockpiling of replacement materials (valves, pipelines, etc.) and maintenance complexity

PLANNING AND DESIGN CRITERIA

As part of analyzing options for infrastructure improvements and developing a Capital Improvements Program, the City used the following Criteria to determine the adequacy of existing and proposed facilities for the water and wastewater systems.

TABLE 1 WATER DISTRIBUTION SYSTEM CRITERIA

Item	Criteria
Maximum pipeline velocity	
Max day plus fireflow	15 feet per second
Peak hour	7 feet per second
Hazen Williams roughness coefficient (including normal aging, bends, and valve losses)	
New pipe (<10 years old)	140
Old pipe (>10 years old)	110
Pipe materials	PVC or HDPE
Minimum new pipe diameter	8 inches
Normal operating pressure	60 psi
Maximum system pressure	80 psi
Minimum pressure	
Fireflow conditions	20 psi
Peak hour flow conditions	35 psi
Minimum valve spacing	600 feet

TABLE 2 WASTEWATER COLLECTION SYSTEM CRITERIA

Item	Criteria
Pipeline velocity	
Minimum in gravity pipelines (peak hour flow)	2.5 fps
Minimum forcemain velocity	2 fps
Maximum forcemain velocity	7 fps
Design flow depth	
8-15 inch pipeline	1/2 pipe diameter
> 15 inch pipeline	3/4 pipe diameter
Mannings roughness coefficient	
New pipe (HDPE or PVC)	0.11
Existing pipe	0.13
Hazen Williams roughness coefficient	
New pipe (<10 years old)	140
Old pipe (>10 years old)	100
Maximum manhole spacing (Diam. <30")	400 feet
Maximum manhole spacing (Diam. >30")	500 feet
Pipeline service life	40 years
Lift Stations	
Minimum capacity	2 times peak hour flow (including backup)
Minium storage	4 hours of peak hour flow
Emergency back up	Portable generator
Number of starts per hour	1/2 of manufacturer's recommendation
Minimum pipe slope	
8 inch diameter	0.004
10 inch diameter	0.003
12 inch diameter	0.0022
15 inch diameter	0.0018
18 inch diameter	0.0015
21 inch diameter	0.0012
24 inch diameter	0.0009

ANALYSIS OF ANTICIPATED GROWTH – WITHIN FIVE YEARS

Much of the development anticipated within the first five years consists of single family homes and commercial facilities. Refer to Figure 3. The single family housing developments will take place along the western and southern portions of the City. The new Super Walmart Store and general commercial establishments are planned for the north area of the City. The Imperial Valley Mall and Wake Avenue Auto Park will be located south of Interstate 8. The Arlington King Subdivision Industrial Park will be located along Dogwood Road just north of I-8. Finally, there will be a Federal courthouse along La Brucherie Road. The projected peak hour wastewater flow from these developments is 1.78 MG. The Maximum Day Water Demand from these developments is 2.29 MG.

ANALYSIS OF ANTICIPATED GROWTH – WITHIN FIVE TO TEN YEARS

The developments anticipated during this time frame are located within the areas shown in the Tier II Growth areas the Land Use Element. This situation is not anticipated until at least 2010, however the infrastructure required for these developments should be planned now in order to prevent the need to construct relief sewers or parallel water mains through areas that will have already been developed. These developments are shown on Figure 4. In general, single family and multifamily residential housing are projected for the western and southern portions of the City. Industrial developments are projected for the northern and eastern portions. Each of the developments in this time period is identified with a number, here beginning with 101. For each development, its land use and acreage are used to project water demands and wastewater generation rates.

ANALYSIS OF ANTICIPATED GROWTH – “FULL BUILDOUT” SCENARIO

As stated previously, the “full buildout” scenario comprises an eventual situation where all of the Tiers I, II, and III areas are developed. This situation is not anticipated until at least 2019, however the infrastructure required for these developments should be planned now in order to prevent the need to construct relief sewers or parallel water mains through areas that will have already been developed. Shown on Figure 5, most of the developments consist of single family homes, with some industrial and commercial developments in the eastern portion of the City.

Each of the developments is identified with a number, here beginning with 201. For each development, its land use and acreage are used to project water demands and wastewater generation rates. Furthermore, at this time, the types of industrial and commercial developments anticipated within this time period is not well defined. As such, the actual water consumption and wastewater generation rates may vary considerably from what is projected within this report. Similarly, the constructed land use may differ from what is projected in the Land Use Element. The growth projections for this scenario should be reexamined every five years to verify the anticipated water demands and wastewater generations.

PROJECTED WATER DEMANDS

Additional water demand within the first five years will be substantial. Fortunately, much of the projected growth within the first five years will take place either near the treatment plant, the La Brucherie Facility, or existing large diameter pipelines. This reduces the need to construct numerous and lengthy segments of large diameter pipelines during this phase. The projected additional average daily flow by 2009 is 895,000gpd; additional peak hour flow will be 2,687,000 gpd; additional maximum day demands will be 2,238,000 gpd.

During the following 5 years and for the “full buildout” scenarios, the City’s growth will take place further away from the City center. The projected water demands for between 2010 and 2014 will more than triple those for 2004. The assumptions employed in projecting the water demands from new developments are shown in Table A in the Appendix. Table B shows the projected water demands for each development and area and calculates the total additional average daily, peak hour, and maximum day demands for each 5-year study period.

As stated previously, the projections for water demands becomes less certain as the study period becomes more distant. Therefore, the City should reexamine its projected growth and water demands at a minimum of every five years so that it can properly plan for development.

PROJECTED WASTEWATER GENERATION

Additional wastewater generation within the first five years will be substantial. Fortunately, much of the projected growth within the first five years will take place near pipelines that have substantial excess capacity, i.e. the pipeline along La Brucherie Road and the Alder Canal Trunk Sewer pipeline that is under construction. This will reduce the need to construct lengthy segments of large diameter pipelines and lift stations during this phase. Some planned commercial developments are located upstream of some pipelines that do not have substantial

excess capacity. Many of the developments south of I-8 will be served by new pump stations flowing to the La Brucherie pipeline. After 900 acres of land south of I-8 contribute flow to the La Brucherie pipeline, all additional flow west of the railroad tracks will need to flow to the wastewater treatment plant via a new large diameter pipeline. The developments south of I-8 will not be accommodated by the existing pipelines along 8th Street or 4th Street. The projected additional average daily flow by 2009 is 881,000gpd; additional peak hour flow will be 1,783,000 gpd.

The assumptions employed in projecting the wastewater generation from new developments are shown in Table C in the Appendix. Table D shows the projected wastewater generation for each development and area and calculates the total additional average daily and peak hour generation for each 5-year study period.

As stated previously, the projections for water demands become less certain as the study period becomes longer. Therefore, the City should reexamine its projected growth and water demands at a minimum of every five years so that it can properly plan for development.

RECOMMENDED WATER IMPROVEMENTS - WITHIN FIVE YEARS

Most of the proposed developments during this phase are located near the water treatment facility, the La Brucherie facility, and/or existing and under-construction large diameter pipelines. For this reason, only limited expansion of the water distribution system is required. The expansion should take place along Main Street from the Lotus Canal to Austin Road with the construction of a 20-inch pipeline. This segment should be built to begin forming large diameter loops on the west side of the City. The improvement is shown on Figure 6.

The City should also identify and purchase a site for a future remote pumping and storage facility in the vicinity of Ross Avenue and the Alder Canal. This future storage facility will be built during the “full buildout” time period.

RECOMMENDED WATER IMPROVEMENTS – WITHIN TEN YEARS

City growth between 2010 and 2014 is projected to take place on all sides of the City. It is during this phase that the City should construct much of the full build out loops. The City should complete a loop between the 20-inch pipeline at the Imperial Valley Mall and the 12-inch pipeline at Ross Avenue and Industry Way. This 20-inch pipeline shown in Figure 7 will provide the necessary redundancy in the southeast portion of the City and eliminate a dead end pipeline.

On the southwest portion of town, the City should extend a 20-inch pipeline east to the Lotus Canal from the existing 18-pipeline along Wake Avenue. This pipeline will be the beginning of a western loop along Nichols Road that will be necessary for the full buildout conditions.

The northern portion of town should be serviced by an 18-inch pipeline along Bradshaw Drive from Imperial Avenue to Farnsworth. From there, the pipeline should head south to Main Street. An 18-inch connection should also be made between Farnsworth and Dogwood along Adams Avenue. These proposed pipelines will connect the existing 18-inch pipeline at Bradshaw and Imperial to the Alder Water Project improvements and the existing 18-inch pipeline at Main Street and Farnsworth.

At the end of this phase, several large diameter loops will have been constructed, supplying rings of high pressure water to the central, northern, and eastern portions of the City. Similarly, portions of additional, future western loops will have begun.

The 2002 Master Plan funded by BECC noted that additional raw water storage capacity will be necessary by 2010. This City has two specific locations identified for expansion: the existing La Brucherie Facility and the Water Treatment Facility. The City should study which location is best for installation of additional storage. It should be noted that a storage and pumping facility on the east side of the City is recommended for the Full Buildout water improvements; a precise location is not identified in this report.

RECOMMENDED WATER IMPROVEMENTS – “FULL BUILDOUT”

This phase represents a scenario in which all of the existing Sphere of Influence is developed, likely a time period extending more than 15 years from the time of writing this report. As mentioned previously, it is possible that the anticipated land uses for these areas change, thereby changing the flows that are projected in this document. The City should reevaluate the full buildout scenario’s land use, growth projections, and infrastructure improvement recommendations every five years. Such a reevaluation will permit the City to formulate projections and plan improvements with more precision and confidence than what is possible at this point in time.

By the end of this phase, all of the growth identified in the full buildout scenario is assumed to have taken place. Refer to Figure 8. The projected low density housing that will surround the City and the minor industrial and commercial developments on the eastern side of the City will create additional demands on the distribution system. The City should complete a loop along Nichols Road (20-inch between Dannenberg Drive and Main Street, 18-inch between Main Street and Bradshaw Drive), Wake Avenue (20-inch between the Lotus Canal and Nichols Road) and Bradshaw Drive (18-inch between Nichols Road and La Brucherie Road). Much of this proposed pipeline loop is outside of the City’s current Sphere of Influence. It is anticipated in the preparation of this document that the Sphere of Influence will be expanded west at least to Nichols Road by this time. The City should also construct a 20-inch diameter loop along Main Street from Austin Road to Nichols Road, connecting to the east to a pipeline recommended for construction by 2009. This will also connect the loop along Nichols Road to the La Brucherie Facility. These improvements are shown on Figure 8. The water pipeline along Nichols Road will parallel the proposed trunk sewer described later in this report. Constructing the two pipelines simultaneously can provide substantial cost savings to the City.

The City should also extend the large diameter pipelines along Bradshaw Drive and Dannenberg Drive east past Cooley Road. These pipelines will provide high pressure to the southeast and northeast corners of town, but more importantly, they will provide the basis for future growth in the distribution system east of the existing Sphere of Influence.

The City should begin identifying potential sites for locating additional potable water storage and pumping facilities on the east side of the City many years prior to needing this facility. It is recommended that the City locate and purchase a site for this facility by 2009. Such a facility will provide additional storage for the growing City and a high pressure source a significant distance away from the water treatment facility. The facility should be located in the vicinity of the intersection of Ross Avenue and the Alder Canal and be connected to one the 20-inch pipeline along the Alder Canal recommended for construction between 2010 and 2014. Much of the area in the proposed vicinity is identified for industrial use.

Water from the City's treatment facility currently exits through a 30-inch pipeline, which branches into an 18-inch, 30-inch, and 20-inch pipelines in front of the plant. The increased water demands projected for the full buildout scenario will substantially increase the velocities in these pipelines. As a result, the City will need to make several improvements adjacent to the treatment facility to prevent significant headlosses upon exiting the plant.

First, the City should install a parallel 30-inch pipeline from the booster pumps to the said 18-inch, 30-inch, and 20-inch pipelines. Second, the City should install a 30-inch pipeline along the western, southern, and eastern edge of the treatment facility. This pipeline, when necessary, will provide the City with more redundancy, capacity, and operational efficiency. The pipeline should connect to the 18-inch pipeline along Wake Avenue and the recently completed 20-inch pipeline along South 8th Street. The City should reserve a 15-foot wide alignment in these portions of the treatment facility for the future installation of this 30-inch pipeline. Reserving this alignment within the property of the treatment facility will permit the City to install the pipe with little inconvenience to its surrounding residents, lower capital costs, and lower environmental requirements. Third, the City should mandate that 12-inch pipelines be installed along major roads south of I-8, especially in areas within one mile of the water treatment facility. This will help minimize headlosses near the treatment facility and help ensure adequate pressure for the entire City.

The City should also reexamine and update, if necessary, the pressure monitoring locations within the distribution system. As the City grows, it will likely need to move from its current location at

3rd Street and Commercial Avenue and/or expand its pressure monitoring locations. This will help ensure that all portions of the distribution system maintain adequate pressure.

RECOMMENDED WASTEWATER IMPROVEMENTS - WITHIN FIVE YEARS

All of the proposed improvements to the City's collection system during this phase will take place south of I-8. Several improvements to the collection system, mostly pump stations and forcemains, are currently under construction or are recently completed. Due to the flat topography, I-8, the Imperial Avenue overcrossing, and little excess capacity in the pipelines along Imperial Avenue and 4th Street, several pumping stations are planned for the area south of I-8. Refer to Figure 2.

A pump station is under construction at the Wake Avenue Auto Park south of I-8 along South 8th Street. This pump station will flow to the La Brucherie pipeline via Lift Station No. 2.

Lift Station No. 2 will need to be relocated due to the future Imperial Avenue overcrossing improvements. A specific location is yet to be identified; it will likely be near the intersection of Wake and Imperial Avenues. A new forcemain will be constructed from the relocated Lift Station No. 2 along Wake Avenue west to La Brucherie and then north to the existing pipeline.

Two pump stations are also planned for the Countryside and Buena Vista developments south of Dannenberg Avenue. These pump stations, if built, will be owned, operated, and maintained by the City.

The numerous planned pump stations will place substantial burdens on the City for operating and maintaining these pump stations. Additionally, the City will be at greater risk for wastewater spills due to the larger number of pump stations to monitor and maintain, especially as the system ages. The City should construct a regional pump station at the relocated Lift Station No. 2. This pump station, larger and deeper than the existing Lift Station No. 2, would remove the need for the pump stations planned for the Countryside and Buena Vista developments and centralize the operations and maintenance requirements, providing substantial savings to the City for decades. This station should be sized to accommodate all of the flows from the 900 permissible developed acres south of I-8 and the County Facilities at McCabe Road. From the regional pump station, the flows would be directed to the La Brucherie Pipeline. The City should construct a gravity pipeline along Imperial Avenue and ½ mile north of McCabe Road between Imperial and Farnsworth. Refer to Figure 9. Additionally, the City should mandate that the 900 developed acres that can flow to the La Brucherie pipeline extend east to the railroad tracks. If areas just west of the railroad tracks are not included in those 900 acres, then it is likely that a pump station will be required to pump wastewater from those areas either east to the Alder Sewer or west to the

future pipeline proposed along Nichols Road (see the following section). The areas east of the railroad tracks can be served by the Alder Sewer. Refer to Figure 9.

The regional Lift Station No. 2, while having a substantial capital cost, will provide the City significant cost savings during the following decades. The centralized station will reduce the City's operations and maintenance costs along with financial penalties and other burdens that could be associated with a higher potential from spills. The City, as the owner of the lift stations, will be forced to fund the operations and maintenance costs indefinitely. Some capital funding may be available from outside agencies for relocating Lift Station No. 2 from its current location.

The City has recently acquired the Orange Avenue Regional Pump Station that will serve the Wildflower, Santa Rosa, and Renaissance developments north of I-8 and west of the Lotus Canal. This pump station will flow to the La Brucherie pipeline via a forcemain.

RECOMMENDED WASTEWATER IMPROVEMENTS – WITHIN TEN YEARS

The City, while expecting substantial growth, will not require capital improvements to its collection system during the 2010-2014 period. The Alder Sewer will be able to serve the areas to the north and east of the City. Similarly, the relocated Lift Station No. 2 (regional pump station) and other pump stations constructed south I-8 prior to 2010 will be able to support the anticipated growth in that area through 2014, limited by the 900 acres per the agreement with the County. Improvements could be required if the developments projected during the Full Buildout scenario are accelerated into this phase.

RECOMMENDED WASTEWATER IMPROVEMENTS – “FULL BUILDOUT”

This phase represents a scenario in which all of the existing Sphere of Influence is constructed. As mentioned previously, it is possible that the anticipated land uses for these areas could change, thereby changing the flows that are projected in this document. The City should reevaluate the full buildout scenario's land use and growth projections, and recommendations every five years. Such a reevaluation will permit the City to formulate projections with more precision and confidence than what is possible at this point in time.

The City will need to construct one Regional Pump Station, a forcemain, and two large trunk sewers to extend service to new customers during this phase. The City should construct a second regional pump station south of I-8 in the vicinity of the intersection of Austin Road and

Dannenberg Drive. This regional pump station would have the capacity to collect wastewater from the areas south of I-8 and west of the railroad tracks that will not contribute flow to the La Brucherie pipeline. Additionally, as the City's sphere of influence extends west beyond Austin Road, the same pump station will have the ability to collect wastewater from areas south of I-8 and west of Austin Road. Wastewater from this regional station would be pumped beneath I-8 and then flow through by gravity through a 30-inch pipeline along Nichols Road and Cruikshank Drive to the treatment plant. At the treatment plant, it would need to be pumped again to be able to flow by gravity through the treatment process. Refer to Figure 10.

The wastewater pipeline along Nichols Road will parallel the proposed water pipeline described previously in this document. Constructing the two pipelines simultaneously can provide substantial cost savings to the City.

The second trunk sewer needed would extend east along Cruikshank Drive from the Alder Sewer toward Cooley Road. This would provide service to areas in the northeastern portions of the City.

WATER DISTRIBUTION SYSTEM CAPITAL IMPROVEMENTS PLAN

As noted previously in this document, due to the proximity of anticipated developments to existing water infrastructure, minimal capital improvements are required during the first five years for the water distribution system. Between 2005 and 2009, the City will need to install one large diameter pipeline segment along Main Street at an estimated cost of \$390,000, including engineering and construction costs. See Table 3 for a list of the proposed Capital Improvements. During this time period, the City should begin locating and acquiring land for a future potable water storage and pumping facility. During this phase, it is assumed that the City will purchase a site for \$300,000 (\$2004).

As the City grows away from the existing pumping stations and storage facilities between 2010 and 2014, the City will need to install several lengthy segments of large diameter pipelines as it begins to form several loops. The estimated capital cost for this phase's improvements is \$3,431,000 (\$2004). These costs include engineering, environmental, and construction costs.

Upon completion of the Full Buildout phase, the City, along with the water demand, will have grown tremendously. These developments will be even further from the City's existing treatment, storage, and pumping facilities. This will require additional large diameter pipelines and remote storage and pumping facilities. During this phase, all of the distribution system improvements proposed in this document will have been completed. These improvements include completing the western loops, a parallel large diameter pipeline near the treatment facility, and the construction of a remote storage and pumping facility. The estimated capital cost to complete the capital improvements during this phase is \$16,373,000 (\$2004). These costs include engineering, environmental, and construction costs.

TABLE 3 WATER DISTRIBUTION SYSTEM CAPITAL IMPROVEMENTS PLAN

Item	Unit	Cost per Unit	No. of Units	Est. Capital Cost (\$2004)
2005-2009				
20-inch Pipeline along Main Street	LF	\$ 150	2,600	\$ 390,000
East Side Water Storage and Pump Facility Purchase of Property	Acres	75,000	4	300,000
Total Capital Cost for 2005-2009 Phase				\$ 690,000
2010-2014				
18-inch Pipeline along Farnsworth	LF	130	6,500	845,000
20-inch Pipeline along Alder Canal	LF	150	5,500	825,000
18-inch Pipeline along Adams Avenue	LF	130	2,600	338,000
18-inch Pipeline Bradshaw Drive	LF	130	7,900	1,027,000
20-inch Pipeline along Wake Avenue	LF	150	2,640	396,000
Total Capital Cost for 2010-2014 Phase				\$ 3,431,000
Full Buildout				
East Side Water Storage and Pump Facility				
Storage Tanks	MG ¹	750,000	10	7,500,000
Pump Room	LS	1,000,000	1	1,000,000
Miscellaneous Site Improvements	LS	100,000	1	100,000
Site Piping	LS	75,000	1	75,000
Engineering, Survey, and Environmental Svcs	LS	500,000	1	500,000
18-inch Pipeline along Nichols Road ²	LF	120	6,600	792,000
20-inch Pipeline along Nichols Road ²	LF	140	8,000	1,120,000
18-inch Pipeline along Bradshaw Drive	LF	130	18,500	2,405,000
20-inch Pipeline along Main Street	LF	150	2,600	390,000
20-inch Pipeline along Wake Avenue	LF	150	5,300	795,000
20-inch Pipeline along Dannenberg Road	LF	150	5,300	795,000
30-inch Pipeline around Water Treatment Plant	LF	170	5,300	901,000
Total Capital Cost for Full Buildout Phase				\$ 16,373,000
Total Estimated Improvement Cost (\$2004)³				\$ 20,494,000
¹ MG = Million Gallons				
² Estimated cost is based on assumption that water and wastewater pipelines along Nichols Road will be installed concurrently				
³ Pipeline costs include engineering, survey, construction and geotechnical services				

WASTEWATER COLLECTION SYSTEM CAPITAL IMPROVEMENTS PLAN

This City will need to make numerous improvements to the wastewater collection system south of I-8 by 2009 to serve new growth and relocate existing facilities due to the Imperial Avenue overcrossing of I-8. This Capital Improvements Plan assumes that the relocated Lift Station No. 2 is constructed as a regional pump station. Correspondingly, a large diameter gravity sewer will need to be constructed to convey wastewater to Lift Station No. 2. A new forcemain will also be required from the relocated Lift Station No. 2 to I-8. The estimated capital cost to complete the improvements outlined in this phase is \$3,320,000 (\$2004). See Table 4 for the Wastewater Collection System Capital Improvements Plan.

As described previously in this document, no capital improvements are envisioned between 2010 and 2014, primarily due to infrastructure that is currently under construction or planned for construction between 2005 and 2009. This may change if developments anticipated during the Full Buildout scenario are accelerated into an earlier time period.

For the Full Buildout scenario, the improvements will be located on the west and northeast portions of the City. An 18-inch pipeline should be constructed along Cruikshank Drive, connecting to the Alder Sewer, to provide service to the northeast corner of the City. To serve future customers on the western portion of the City, the City will need to construct a regional pump station along Dannenberg Drive, forcemain, 30-inch gravity pipeline, and lift station at the treatment facility. The total estimated cost for all of the improvements outlined in this phase is \$9,397,000 (\$2004).

TABLE 4 WASTEWATER COLLECTION SYSTEM CAPITAL IMPROVEMENTS PLAN

Item	Unit	Cost per Unit	No. of Units	Est. Capital Cost (\$2004)
2005-2009				
Relocate Lift Station No. 2	LS	\$ 1,200,000	1	\$ 1,200,000
Forcemain from Lift Station No. 2	LF	80	4,000	320,000
18-inch Gravity Line along Imperial Avenue	LF	150	4,000	600,000
18-inch Gravity Line between Imperial and Farnsworth	LF	150	8,000	1,200,000
Total Capital Cost for 2005-2009 Phase				\$ 3,320,000
2010-Full Buildout				
Regional Lift Station at Dannenberg and Austin	LS	1,500,000	1	1,500,000
Forcemain From Lift Station under I-8	LF	200	6,600	1,320,000
30-inch Pipeline along Nichols Road ¹	LF	250	13,200	3,300,000
30-inch Pipeline along Cruikshank Road ¹	LF	250	4,000	1,000,000
Lift Station at Treatment Plant	LS	1,250,000	1	1,250,000
18-inch Pipeline along Cruikshank Road	LF	130	7,900	1,027,000
Total Capital Cost for 2010-2014 Phase				\$ 9,397,000
Total Estimated Improvement Cost (\$2004)²				\$ 12,717,000
¹ Pipeline and lift station costs include engineering, survey, construction and geotechnical services				
² Estimated cost is based on assumption that water and wastewater pipelines along Nichols Road will be installed concurrently				



APPENDIX

Table A-Water Demand

Residential Development Description	Unit	Persons Per Home	Water Demand				
			Per Capita Average Day Water Demand (gpd)	Per Capita Peak Hour Water Demand (gpd)	Per Capita Max Day Water Demand (gpd)	Average Daily Demand/Unit (gpd)	Max Day Water Demand/Unit (gpd)
Single Family	House	4	135	405	337.5	540	1350
Multiple Family	House	4	100	300	250	400	1000
Single Family*	Acre	4	135	405	337.5	2160	5400
Multiple Family*	Acre	4	100	300	250	1600	4000

Non-Residential Development Description	Unit	Unit Amount	Water Demand		
			Average Daily Demand/Unit (gpd)	Per Unit Peak Hour Water Demand (gpd)	Max Day Water Demand/Unit (gpd)
Commercial	Acres	1	110	330	275
School	Student	1	20	60	50
Open Space	Acres	1	5000	6000	8000
Restaurants	300 Customers	1	2700	2700	2700
Industrial	Acres	1	800	960	1600
Civic	Employee/Visitor	200	100	300	250

*Based on an average of 4 homes per acre

Wastewater Engineering, Metcalf and Eddy, 1991, was used in part to project flow rates.

Table B-Projected Water Flow Rates

Year	Development Name	Description	Unit	Amount	Avg Daily Water Demand/Unit (gpd)	Avg. Daily Water Demand (gpd)	Maximum Day Water Demand (gpd)	Peak Hour Water Demand (gpd)
2004-2009								
	(01) Arlington King Subdivision	Industrial	Acres	51	2,160	110,160	275,400	330,480
	(02) Imperial Valley Mall	Commercial	Acres	140	110	15,400	38,500	46,200
	(03) Country Side	Single Family Homes	Homes	490	540	264,600	661,500	793,800
	(04) Buena Vista	Single Family Homes	Homes	465	540	251,100	627,750	753,300
	(05) Farmer Estates	Single Family Homes	Homes	143	540	77,220	193,050	231,660
	(06) Wake Avenue Auto Park	Commercial	Acres	40	110	4,400	11,000	13,200
	(07) Wildflower	Single Family Homes	Homes	98	540	52,920	132,300	158,760
	(08) Santa Rosa	Single Family Homes	Homes	114	540	61,560	153,900	184,680
	(09) Renaissance	Single Family Homes	Homes	77	540	41,580	103,950	124,740
	(10) Super Wal Mart	Commercial	Acres	71	110	7,810	19,525	23,430
	(11) Target	Commercial	Acres	71	110	7,810	19,525	23,430
	(12) Federal Courthouse	Civic	Acres	10	100	1,000	2,500	3,000
	Total Flow					895,560	2,238,900	2,686,680

Year	Development Name	Description	Unit	Amount	Avg Daily Water Demand/Unit (gpd)	Avg. Daily Water Demand (gpd)	Maximum Day Water Demand (gpd)	Peak Hour Water Demand (gpd)
2010-2014								
101	Single Family	Single Family	Acres	400	2,160	864,000	2,160,000	2,592,000
102	Single Family	Single Family	Acres	40	2,160	86,400	216,000	259,200
103	Single Family	Single Family	Acres	160	2,160	345,600	864,000	1,036,800
104	Single Family	Single Family	Acres	240	2,160	518,400	1,296,000	1,555,200
105	Multiple Family	Multiple Family	Acres	70	1,600	112,000	280,000	336,000
106	Multiple Family	Multiple Family	Acres	80	1,600	128,000	320,000	384,000
107	Commercial	Commercial	Acres	10	110	1,100	2,750	3,300
108	Single Family	Single Family	Acres	80	2,160	172,800	432,000	518,400
109	Commercial	Commercial	Acres	60	110	6,600	16,500	19,800
110	Single Family	Single Family	Acres	40	2,160	86,400	216,000	259,200
111	Multiple Family	Multiple Family	Acres	40	1,600	64,000	160,000	192,000
112	Single Family	Single Family	Acres	80	2,160	172,800	432,000	518,400
113	Industrial	Industrial	Acres	160	800	128,000	320,000	384,000
114	Industrial	Industrial	Acres	160	800	128,000	320,000	384,000
115	Industrial	Industrial	Acres	80	800	64,000	160,000	192,000
116	Industrial	Industrial	Acres	120	800	96,000	240,000	288,000
117	Industrial	Industrial	Acres	80	800	64,000	160,000	192,000
118	Industrial	Industrial	Acres	120	800	96,000	240,000	288,000
119	Industrial	Industrial	Acres	80	800	64,000	160,000	192,000
120	Industrial	Industrial	Acres	120	800	96,000	240,000	288,000
121	Industrial	Industrial	Acres	80	800	64,000	160,000	192,000
122	Industrial	Industrial	Acres	20	800	16,000	40,000	48,000
123	Industrial	Industrial	Acres	40	800	32,000	80,000	96,000
124	Industrial	Industrial	Acres	80	800	64,000	160,000	192,000
125	Commercial	Commercial	Acres	40	110	4,400	11,000	13,200
	Total Flow					3,474,500	8,686,250	10,423,500

*Development Numbers Refer to Figures 4 and 5. Acreage is estimated.

Table B-Projected Water Flow Rates

Year	Development Name	Description	Unit	Amount	Avg Daily Water Demand/ Unit (gpd)	Avg. Daily Water Demand (gpd)	Maximum Day Water Demand (gpd)	Peak Hour Water Demand (gpd)
201	Full Build Out	Single Family	Acres	160	2,160	345,600	864,000	1,036,800
202		Single Family	Acres	320	2,160	691,200	1,728,000	2,073,600
203		Single Family	Acres	30	2,160	64,800	162,000	194,400
204		Single Family	Acres	240	2,160	518,400	1,296,000	1,555,200
205		Single Family	Acres	240	2,160	518,400	1,296,000	1,555,200
206		Single Family	Acres	240	2,160	518,400	1,296,000	1,555,200
207		Single Family	Acres	240	2,160	518,400	1,296,000	1,555,200
208		Single Family	Acres	40	2,160	86,400	216,000	259,200
209		Single Family	Acres	80	2,160	172,800	432,000	518,400
210		Single Family	Acres	160	2,160	345,600	864,000	1,036,800
211		Single Family	Acres	20	2,160	43,200	108,000	129,600
212		Single Family	Acres	100	2,160	216,000	540,000	648,000
213		Single Family	Acres	200	2,160	432,000	1,080,000	1,296,000
214		Industrial	Acres	80	800	64,000	160,000	192,000
215		Single Family	Acres	40	2,160	86,400	216,000	259,200
216		Single Family	Acres	160	2,160	345,600	864,000	1,036,800
217		Single Family	Acres	160	2,160	345,600	864,000	1,036,800
218		Single Family	Acres	80	2,160	172,800	432,000	518,400
219		Single Family	Acres	80	2,160	172,800	432,000	518,400
220		Single Family	Acres	160	2,160	345,600	864,000	1,036,800
221		Single Family	Acres	160	2,160	345,600	864,000	1,036,800
222		Single Family	Acres	80	2,160	172,800	432,000	518,400
223		Single Family	Acres	80	2,160	172,800	432,000	518,400
224		Single Family	Acres	40	2,160	86,400	216,000	259,200
225		Single Family	Acres	40	2,160	86,400	216,000	259,200
226		Single Family	Acres	80	2,160	172,800	432,000	518,400
227		Single Family	Acres	10	2,160	21,600	54,000	64,800
228		Single Family	Acres	30	2,160	64,800	162,000	194,400
229		Single Family	Acres	40	2,160	86,400	216,000	259,200
230		Single Family	Acres	80	2,160	172,800	432,000	518,400
231		Single Family	Acres	80	2,160	172,800	432,000	518,400
232		Single Family	Acres	60	2,160	129,600	324,000	388,800
233		Single Family	Acres	40	2,160	86,400	216,000	259,200
234		Single Family	Acres	30	2,160	64,800	162,000	194,400
235		Single Family	Acres	65	2,160	140,400	351,000	421,200
236		Commercial	Acres	40	110	4,400	11,000	13,200
237		Commercial	Acres	40	110	4,400	11,000	13,200
238		Industrial	Acres	70	800	56,000	140,000	168,000
239		Industrial	Acres	80	800	64,000	160,000	192,000
240		Single Family	Acres	80	2,160	172,800	432,000	518,400
241		Single Family	Acres	80	2,160	172,800	432,000	518,400
242		Single Family	Acres	160	2,160	345,600	864,000	1,036,800
243		Single Family	Acres	160	2,160	345,600	864,000	1,036,800
244		Single Family	Acres	160	2,160	345,600	864,000	1,036,800
245		Single Family	Acres	40	2,160	86,400	216,000	259,200
246		Single Family	Acres	40	2,160	86,400	216,000	259,200

*Development Numbers Refer to Figures 4 and 5. Acreage is estimated.

Table B-Projected Water Flow Rates

Year	Development Name	Description	Unit	Amount	Avg Daily Water Demand/		Maximum Day Water Demand		Peak Hour Water Demand (gpd)	
					Unit (gpd)	(gpd)	(gpd)	(gpd)	(gpd)	(gpd)
247		Single Family	Acres	40	2160	86,400	216,000	216,000	259,200	259,200
248		Single Family	Acres	80	2160	172,800	432,000	432,000	518,400	518,400
249		Single Family	Acres	40	2160	86,400	216,000	216,000	259,200	259,200
250		Single Family	Acres	160	2160	345,600	864,000	864,000	1,036,800	1,036,800
251		Single Family	Acres	80	2160	172,800	432,000	432,000	518,400	518,400
252		Single Family	Acres	160	2160	345,600	864,000	864,000	1,036,800	1,036,800
253		Single Family	Acres	30	2160	64,800	162,000	162,000	194,400	194,400
254		Single Family	Acres	80	2160	172,800	432,000	432,000	518,400	518,400
255		Single Family	Acres	160	2160	345,600	864,000	864,000	1,036,800	1,036,800
256		Single Family	Acres	70	2160	151,200	378,000	378,000	453,600	453,600
257		Single Family	Acres	80	2160	172,800	432,000	432,000	518,400	518,400
258		Single Family	Acres	40	2160	86,400	216,000	216,000	259,200	259,200
259		Industrial	Acres	20	800	16,000	40,000	40,000	48,000	48,000
260		Commercial	Acres	10	110	1,100	2,750	2,750	3,300	3,300
Full Build Out Total Flow						11,884,700	29,711,750	29,711,750	35,654,100	35,654,100

*Development Numbers Refer to Figures 4 and 5. Acreage is estimated.

Table C - Wastewater Generation

Residential Development Description	Unit	Persons Per Home	Wastewater Generation			
			Per Capita Average Day WW Generation (gpd)	Per Capita Peak Hour WW Generation (gpd)	Average Daily Generation/Unit (gpd)	Peak Hour WW Generation/Unit (gpd)
Single Family	House	4	100	200	400	800
Multiple Family	House	4	70	140	280	560
Single Family*	Acre	4	100	200	1600	3200
Multiple Family*	Acre	4	70	140	1120	2240

Non-Residential Development Description	Unit	Wastewater Generation	
		Per Unit Average Day WW Generation (gpd)	Per Unit Peak Hour WW Generation (gpd)
Commercial	Acres	110	330
School	Student	20	60
Open Space	Acres	0	0
Industrial	Acres	680	816
Civic	Employee/Visitor	100	300

*Based on an average of 4 homes per acre

Wastewater Engineering, Metcalf and Eddy, 1991, was used in part to project flow rates.

Table D-Projected Wastewater Flow Rates

Year	Development Name	Description	Unit	Amount	Avg Daily Wastewater Generation/Unit (gpd)	Avg Daily Wastewater Generation (gpd)	Peak Hour WW Generation/Unit (gpd)	Peak Hour WW Generation (gpd)
2004-2009								
(01)	Arlington King Subdivision	Industrial	Acres	51	1,600	81,600	3,200	163,200
(02)	Imperial Valley Mail	Commercial	Acres	140	1,600	224,000	3,200	448,000
(03)	Country Side	Single Family Homes	Homes	490	400	196,000	800	392,000
(04)	Buena Vista	Single Family Homes	Homes	465	400	186,000	800	372,000
(05)	Farmer Estates	Single Family Homes	Homes	143	400	57,200	800	114,400
(06)	Wake Avenue Auto Park	Commercial	Acres	40	110	4,400	330	13,200
(07)	Wildflower	Single Family Homes	Homes	98	400	39,200	800	78,400
(08)	Santa Rosa	Single Family Homes	Homes	114	400	45,600	800	91,200
(09)	Renaissance	Single Family Homes	Homes	77	400	30,800	800	61,600
(10)	Super Wal Mart	Commercial	Acres	71	110	7,810	330	23,430
(11)	Target	Commercial	Acres	71	110	7,810	330	23,430
(12)	Federal Courthouse	Civic	Acres	10	100	1,000	300	3,000
2004-2009 Total Flow							881,420	1,783,860

Year	Development Name	Description	Unit	Amount	Avg Daily Wastewater Generation/Unit (gpd)	Avg Daily Wastewater Generation (gpd)	Peak Hour WW Generation/Unit (gpd)	Peak Hour WW Generation (gpd)
2010-2014								
101		Single Family	Acres	400	1,600	640,000	3,200	1,280,000
102		Single Family	Acres	40	1,600	64,000	3,200	128,000
103		Single Family	Acres	160	1,600	256,000	3,200	512,000
104		Single Family	Acres	240	1,600	384,000	3,200	768,000
105		Multiple Family	Acres	70	1,120	78,400	2,240	156,800
106		Multiple Family	Acres	80	1,120	89,600	2,240	179,200
107		Commercial	Acres	10	110	1,100	330	3,300
108		Single Family	Acres	80	1,600	128,000	3,200	256,000
109		Commercial	Acres	60	110	6,600	330	19,800
110		Single Family	Acres	40	1,600	64,000	800	32,000
111		Multiple Family	Acres	40	1,120	44,800	2,240	89,600
112		Single Family	Acres	80	1,600	128,000	3,200	256,000
113		Industrial	Acres	160	680	108,800	816	130,560
114		Industrial	Acres	160	680	108,800	816	130,560
115		Industrial	Acres	80	680	54,400	816	65,280
116		Industrial	Acres	120	680	81,600	816	97,920
117		Industrial	Acres	80	680	54,400	816	65,280
118		Industrial	Acres	120	680	81,600	816	97,920
119		Industrial	Acres	80	680	54,400	816	65,280
120		Industrial	Acres	120	680	81,600	816	97,920
121		Industrial	Acres	80	680	54,400	816	65,280
122		Industrial	Acres	20	680	13,600	816	16,320
123		Industrial	Acres	40	680	27,200	816	32,640
124		Industrial	Acres	80	680	54,400	816	65,280
125		Commercial	Acres	40	110	4,400	330	13,200
2010-2014 Total Flow							2,664,100	4,624,140

*Development Numbers refer to Figures 4 and 5. Acreage is estimated.

Table D-Projected Wastewater Flow Rates

Year	Development Name	Description	Unit	Amount	Avg Daily Wastewater Generation/ Unit (gpd)	Avg Daily Wastewater Generation (gpd)	Peak Hour WW Generation/ Unit (gpd)	Peak Hour WW Generation (gpd)
201	Full Build Out							
201	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
202	Single Family	Single Family	Acres	320	1,600	512,000	3,200	1,024,000
203	Single Family	Single Family	Acres	30	1,600	48,000	3,200	96,000
204	Single Family	Single Family	Acres	240	1,600	384,000	3,200	768,000
205	Single Family	Single Family	Acres	240	1,600	384,000	3,200	768,000
206	Single Family	Single Family	Acres	240	1,600	384,000	3,200	768,000
207	Single Family	Single Family	Acres	240	1,600	384,000	3,200	768,000
208	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
209	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
210	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
211	Single Family	Single Family	Acres	20	1,600	32,000	3,200	64,000
212	Single Family	Single Family	Acres	100	1,600	160,000	3,200	320,000
213	Single Family	Single Family	Acres	200	1,600	320,000	3,200	640,000
214	Industrial	Industrial	Acres	80	680	54,400	816	65,280
215	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
216	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
217	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
218	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
219	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
220	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
221	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
222	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
223	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
224	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
225	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
226	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
227	Single Family	Single Family	Acres	10	1,600	16,000	3,200	32,000
228	Single Family	Single Family	Acres	30	1,600	48,000	3,200	96,000
229	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
230	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
231	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
232	Single Family	Single Family	Acres	60	1,600	96,000	3,200	192,000
233	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
234	Single Family	Single Family	Acres	30	1,600	48,000	3,200	96,000
235	Single Family	Single Family	Acres	65	1,600	104,000	3,200	208,000
236	Commercial	Commercial	Acres	40	110	4,400	330	13,200
237	Commercial	Commercial	Acres	40	110	4,400	330	13,200
238	Industrial	Industrial	Acres	70	680	47,600	816	57,120
239	Industrial	Industrial	Acres	80	680	54,400	816	65,280
240	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
241	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
242	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
243	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
244	Single Family	Single Family	Acres	160	1,600	256,000	3,200	512,000
245	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
246	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
247	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000
248	Single Family	Single Family	Acres	80	1,600	128,000	3,200	256,000
249	Single Family	Single Family	Acres	40	1,600	64,000	3,200	128,000

*Development Numbers refer to Figures 4 and 5. Acreage is estimated.

Table D-Projected Wastewater Flow Rates

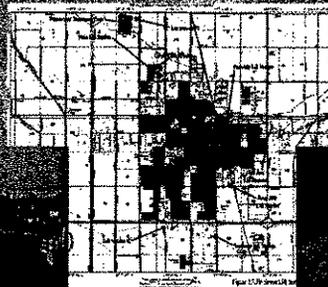
Year	Development Name	Description	Unit	Amount	Avg Daily Wastewater Generation/ Unit (gpd)	Avg. Daily Wastewater Generation (gpd)	Peak Hour WW Generation/ Unit (gpc)	Peak Hour WW Generation (gpc)
250	Single Family	Acres	160	1600	256,000	3200	512,000	
251	Single Family	Acres	80	1600	128,000	3200	256,000	
252	Single Family	Acres	160	1600	256,000	3200	512,000	
253	Single Family	Acres	30	1600	48,000	3200	96,000	
254	Single Family	Acres	80	1600	128,000	3200	256,000	
255	Single Family	Acres	160	1600	256,000	3200	512,000	
256	Single Family	Acres	70	1600	112,000	3200	224,000	
257	Single Family	Acres	80	1600	128,000	3200	256,000	
258	Single Family	Acres	40	1600	64,000	3200	128,000	
259	Industrial	Acres	20	680	13,600	816	16,320	
260	Commercial	Acres	10	110	1,100	330	3,300	
Full Build Out Total Flow					8,827,900	17,529,700		

*Development Numbers refer to Figures 4 and 5. Acreage is estimated.

Water and Wastewater Rate Study

El Centro, CA

Prepared for
City of El Centro
February 12, 2002



Prepared by
Nolte Associates, Inc.
El Centro, CA

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PROJECTED WATER REVENUES WITH RECOMMENDED RATE INCREASES



WATER RATE STUDY

INTRODUCTION

The City of El Centro (City) provides water service to approximately 8,000 customers in the greater El Centro area. The City owns and operates a water treatment facility that distributes treated water to the entire city and other entities nearby. The facility has not undergone a substantial upgrade since it was constructed in the 1950's. Improvements have been made periodically since then, the latest a modification of its pumping system in 1994.

El Centro, California is a growing community with a population of 38,000. It is located in Imperial County, 120 miles east of San Diego, CA and 60 miles west of Yuma, AZ. The 2000 Census reports that populations of El Centro and the Imperial Valley have risen approximately 25% and 30%, respectively, since the 1990 census.

PURPOSE OF STUDY

The City last completed a water rate study in 1994, which determined rates through FY 1997. Water rates have remained unchanged for years beyond FY 1997. Rates should be examined periodically, especially when planning capital improvement projects. The City is planning various capital improvements to its water treatment facility and distribution network during the next five fiscal years.

The study aims to determine what changes, if any, need to be made to the existing water rates and rate structure. The City recently completed its Master Plan for its water system. Following that plan, the City determined several capital improvements that need to be made to its distribution, pumping, and treatment infrastructures within the next five fiscal years. This study determines what annual revenues will be required to offset anticipated expenditures through FY 2007.

STUDY ASSUMPTIONS

Several key assumptions make up a substantial portion of the foundation of this study. The basis of this study is the Capital Improvements Plan (CIP) of the Master Plan that was completed in 2001. The projects of first five years of the CIP will be a principle component of the anticipated additional expenditures. Other projects include those that were recently completed or began prior the completion of the Master Plan.

The following were assumed to complete this study:

- An inflation rate of 3% per year
- A population and water consumption increase of 2.25% per year
- Interest income based on 2.5% interest rate
- Infrastructure projects will be 100% financed through capacity fees and revenue bonds at 5% with a payback period of 25 years
- Capacity Fees will be utilized before financing projects with bonds
- Annual Capacity Fee income of \$150,000
- Personnel costs increase at a rate of 6% per year
- Personnel additions as outlined in study
- Supplies and services, general and administrative costs will increase 3% per year
- Non-infrastructure capital outlays (office equipment, trucks, software, etc.) will increase at a rate of 3% per year, with an initial capital outlay of \$300,000 in FY 2002

The following documents were used as bases for this study:

- Water and Wastewater Master Plan Capital Improvement Plan
- 2002-2003 Biennial Budget
- Pumping, billing, and collection records from Finance Department

BACKGROUND

There are two funds associated with the water rate study:

Water Enterprise Fund

Water Capacity Fee Fund

The Water Enterprise Fund is used by the City to handle operations, maintenance, salaries, equipment purchases, and water sales. This is the principle fund that the water system uses. Revenue sources for this fund include connection fees, meter maintenance fees, water usage charges, and interest.

The Water Capacity Fee Fund is used to finance capital projects associated with growth. The main sources of revenue for this fund are water capacity fees and interest. Table 1 below shows the balances in each of the funds.

Table 1 Water Fund Balances at end of Fiscal Year 2001

Fund	End FY 2001 Balance
Water Enterprise Fund	\$3,500,000
Water Capacity Fees	\$950,000

DESCRIPTION OF EXISTING WATER RATES

This section outlines the existing rates charged to Water Customers and funds that manage the water funds. The El Centro City Council approved the water rates in July 1994 through Resolution No. 94-62. Table 2 below shows the rates by meter size through fiscal year 1997.

Table 2 Existing Water Rates

	Sept 1994	July 1995	July 1996	July 1997
Water Usage Charge (per 1,000 gallons)	\$1.10	\$1.15	\$1.20	\$1.20
Monthly Service Charge				
Meter Size (inches)				
5/8 and 3/4	\$0.00	\$1.69	\$1.78	\$1.87
1	0.00	2.09	2.18	2.28
2	0.00	3.58	3.69	3.80
3	0.00	11.61	11.81	12.03
4	0.00	14.58	14.82	15.08
6	0.00	21.52	21.84	22.19
8	0.00	29.46	29.87	30.31
Other Charges				
Late Penalty	\$10.00	\$10.00	\$10.00	\$10.00
NSF Check	20.00	20.00	20.00	20.00
Reconnection	25.00	25.00	25.00	25.00
Reconnection (after hours)	50.00	50.00	50.00	50.00

The rate structure is based on two parts. The first is a monthly service charge based on meter size. This fixed charge replaced the minimum service charge in 1994. This monthly fee is paid regardless of the quantity of water consumed and depends solely on the size of the water meter. The second component is based on the total volume of water consumed. This charge is the same for all users. The water usage charges shown above are per 1,000 gallons.

PROJECTED WATER REVENUE REQUIREMENTS

This section outlines the annual total costs for the water system during the study period, which will be the minimum required revenue for the water system. The annual total cost will dictate any rate increases, to ensure that revenues are greater than costs.

Future revenue requirements will be the sum of operating and net non-operating expenses. Operating expenses include personal services, supplies and services, and general and administrative costs. Non-operating expenses include capital outlay for infrastructure improvements and equipment and existing and future debt service. Non-operating expenses are partially offset by bond proceeds.

EXISTING DEBT SERVICE

The water system is paying off its debt from loans to improve the system. Revenue bonds were issued in 1993 and 1997. The debt service schedule is shown in Table 3. Debt repayment for bonds issued in 1993 is will terminate in FY 2006. For bonds issued in 1997, repayment will end in FY 2010.

Table 3 Existing Water Debt Service

FY	1993 Series	1997 Series	Total
2002	\$ 145,446	\$ 123,835	\$ 269,281
2003	145,446	125,225	270,671
2004	145,446	121,445	266,891
2005	145,446	122,466	267,912
2006	145,446	123,175	268,621
2007		123,587	123,587
2008		123,695	123,695
2009		123,463	123,463
2010		122,880	122,880

CAPITAL IMPROVEMENTS

The City of El Centro completed a Master Plan of its water and wastewater systems in 2001. The plan contains a Capital Improvements Plan that outlines most of the capital projects for the water system. The water treatment plan is slated to undergo a substantial upgrade to improve its water quality and increase water production capacity. The anticipated improvements are shown on Table 4 on the following page. The anticipated expenditures are distributed through FY 2009. The costs for each project are divided into engineering and construction segments.

PROJECT FINANCING

The City anticipates financing the proposed projects shown in Table 4 by revenue bonds and capacity fees. For purposes of this study, an annual interest rate of 5% and a payback period of 25 years are assumed. Financing of the projects shown in Table 5 is analyzed using the same scenario. The table shows how the projects will be funded by year, capacity fee sources, bond issuances, and anticipated new debt service.

To finance the projects, bonds will be issued twice during the next five fiscal years, once in 2003 and the second in 2005. The first issuance will provide \$2,500,000 for financing capital projects during the next three years. The second issuance, \$6,000,000, will finance projects through FY 2007.

WATER CAPACITY FEES

This study assumes that the Capacity Fee balance will be \$1,000,000 on July 1 of 2002. An estimated \$150,000 of capacity fees will be paid annually into the fund. The projects will be funded first with water capacity fees until they no longer become available. At that time, bonds will be issued to finance the remaining portions of the projects. Annual capacity fee income will be used on the outlined capital improvement projects.

Table 4 Water system improvements

Water Treatment Plant		2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project	Estimated Price									
Filtration System Upgrade	\$2,300,000									
Engineering	\$230,000									
Construction	\$2,070,000		\$230,000		\$830,000	\$1,240,000				
Upgrade System Controls	\$300,000									
Engineering	\$30,000			\$30,000						
Construction	\$270,000				\$270,000					
Replace 100-HP Distribution Pump	\$180,000									
Engineering	\$20,000	\$20,000								
Construction	\$160,000		\$160,000							
Additional Raw Water Storage Capacity	\$2,050,000									
Engineering	\$200,000					\$200,000				
Construction	\$1,850,000						\$740,000	\$1,110,000		
Rehab Existing Storage Basins	\$1,150,000									
Engineering	\$115,000							\$115,000		
Construction	\$1,035,000								\$415,000	\$620,000
Repair Storage Tank No. 3	\$350,000						\$350,000			
Repair Storage Tank No. 1	\$175,000							\$175,000		
Modify Disinfection System	\$675,000									
Engineering	\$75,000						\$75,000			
Construction	\$600,000							\$600,000		
Additional Clarifier, Sludge Ponds	\$1,550,000									
Engineering	\$155,000									
Construction	\$1,395,000							\$155,000		
Total Estimated Cost (2001 Dollars)	\$8,730,000	\$20,000	\$420,000	\$1,525,000	\$2,370,000	\$1,300,000	\$2,060,000	\$415,000	\$620,000	\$835,000

Table 4 Water system improvements

Water Distribution System		2001 Estimated Price	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Alder Canal Parallel	Engineering	\$1,650,000								
	Construction	\$115,000	\$115,000							
Austin Road Line	Engineering	\$4,400,000								
	Construction	\$3,960,000		\$1,535,000					\$440,000	\$1,980,000
Total Estimated Cost (2001 Dollars)		\$6,050,000	\$115,000	\$1,535,000	\$0	\$0	\$0	\$0	\$440,000	\$1,980,000
Water System Total Estimated Cost (\$2001)		\$14,780,000	\$135,000	\$1,955,000	\$1,525,000	\$2,370,000	\$1,300,000	\$2,060,000	\$855,000	\$2,600,000
Water System Total Estimated Cost (Adjusted for Inflation (3%))			\$135,000	\$2,013,650	\$1,617,873	\$2,589,763	\$1,463,161	\$2,388,105	\$880,650	\$2,678,000

Table 5 Water System Project Financing

Fiscal Year	2003	2004	2005	2006	2007	Total
Requirements						
Capital Funding	\$ 2,013,650	\$ 1,617,873	\$ 2,589,763	\$ 1,463,161	\$ 2,388,105	10,072,552
Sources						
Existing Available Funding Sources						
Capacity Fee Balance (July 1)	1,000,000	-	-	-	-	-
Capacity Fee Income	150,000	150,000	150,000	150,000	150,000	750,000
Capacity Fee Expenditures	<u>1,150,000</u>	<u>150,000</u>	<u>150,000</u>	<u>150,000</u>	<u>150,000</u>	<u>1,750,000</u>
Capacity Fee Balance (June 30)	-	-	-	-	-	-
Existing Source Expenditures	1,150,000	150,000	150,000	150,000	150,000	1,750,000
Source Balance	-	-	-	-	-	-
Use of Reserve Funds	-	-	-	-	-	-
Funds to be Financed	863,650	1,467,873	2,439,763	1,313,161	2,238,105	8,322,552
New Available Funding Sources						
Bond Balance (July 1)	-	1,636,350	209,386	3,774,858	2,556,068	2,500,000
Bonds (2003, 25 years at 5%)	2,500,000	-	-	-	-	6,000,000
Bonds (2005, 25 years at 5%)	-	-	6,000,000	-	-	204,417
Interest from Bonds	-	<u>40,909</u>	<u>5,235</u>	<u>94,371</u>	<u>63,902</u>	-
Bond Balance (June 30)	\$ 1,636,350	\$ 209,386	\$ 3,774,858	\$ 2,556,068	\$ 381,865	

PERSONNEL ADDITIONS

The Water System will require addition staff during the next five fiscal years. They include operators, staff assistants, and computer support. Table 6 shows the projected staff needs and their annual cost. The costs for these positions will increase at an annual rate of 6%.

Table 6 Proposed Water Staff Additions

Position	2003	2004	2005	2006	2007
Secretarial Assistant (Replace half-time clerical assistant)	\$25,000	\$26,500	\$28,090	\$29,775	\$31,562
Upgrade Operator IV to Operator V	\$25,000	\$26,500	\$28,090	\$29,775	\$31,562
Computer Support Technician (MIS-GIS)	\$75,000	\$79,500	\$84,270	\$89,326	\$94,686
Staff Assistant (1/3)	\$25,000	\$26,500	\$28,090	\$29,775	\$31,562
Operator			\$75,000	\$79,500	\$84,270
Operator					\$75,000
Total Cost	\$150,000	\$159,000	\$243,540	\$258,152	\$348,642
Cumulative Cost	\$150,000	\$309,000	\$552,540	\$810,692	\$1,159,334

OPERATING EXPENSES

Total operating expenses include personal services, supplies and services, and general and administrative costs. The City's 2002-2003 Biennial Budget was used as a base for these costs. From those base costs, personal services costs were increased 6% annually, and supplies and services and general and administrative costs were increased at a 3% annual rate. The annual operating expenses are outlined in Table 7.

Table 7 Water System Projected Operating Expenses

Fiscal Year	2003	2004	2005	2006	2007
Operating Expenses					
Personal Services	\$ 1,565,593	\$ 1,659,528	\$ 1,834,100	\$ 1,944,146	\$ 2,135,795
Supplies and Services	1,193,016	1,228,807	1,265,671	1,303,641	1,342,750
General and Administrative	<u>685,237</u>	<u>705,794</u>	<u>726,968</u>	<u>748,777</u>	<u>771,241</u>
Total Operating Expenses	\$ 3,443,846	\$ 3,594,129	\$ 3,826,739	\$ 3,996,564	\$ 4,249,786

DEVELOPMENT AND RECOMMENDATION OF RATE CHANGES

This section outlines the requirements and guidelines for changes to the water rates and shows and describes the rate changes. It also compares the recommended rates to those charged by nearby communities.

BUDGET REQUIREMENTS AND GUIDELINES

Several key criteria were used as guidelines and regulations to establish new water rates. The Rate increases were determined utilizing the following guidelines:

- Operating income, at a minimum, must be 1.15 times the net debt service
- Maintain rate increases to a minimum so that the impact to customers is minimized
- The fund balance should be maintained at approximately 50% of the annual operating revenues

RECOMMENDATION OF RATE CHANGES

Utilizing these criteria, the rate increases shown in Table 8 are required to ensure adequate fire protection throughout the distribution system and to maintain water quality standards and production reliability via treatment facility improvements.

Revenue bonds will be issued twice during the study period, in 2003 and 2005. With these bond issuances, the annual debt service will climb substantially. At a minimum, operating income needs to be 1.15 times the annual debt service. Because the net debt service will increase in 2003 and 2005, the operating revenue will also have to increase. The water consumption rate should be increased at an annual rate of 8% through FY 2007.

The rate increases and projected revenue for the meter maintenance fee and water usage are located in the appendix.

Table 8 Proposed Water Rates

Fiscal Year	2002	2003	2004	2005	2006	2007
Water Usage Charge (per 1,000 gallons)	\$1.20	\$1.30	\$1.40	\$1.51	\$1.63	\$1.76
Percentage Increase		8	8	8	8	8
Monthly Service Charge						
Meter Size (inches)						
5/8 and 3/4	\$1.87	\$1.96	\$2.06	\$2.16	\$2.27	\$2.39
1	2.28	2.39	2.51	2.64	2.77	2.91
2	3.80	3.91	4.03	4.15	4.28	4.41
3	13.03	13.23	13.42	13.63	13.83	14.04
4	15.08	15.31	15.54	15.77	16.01	16.25
6	22.19	22.52	22.86	23.20	23.55	23.90
8	30.31	30.76	31.23	31.69	32.17	32.65
Other Charges						
Late Penalty	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
NSF Check	20.00	20.00	20.00	20.00	20.00	20.00
Reconnection	25.00	25.00	25.00	25.00	25.00	25.00
Reconnection (after hours)	50.00	50.00	50.00	50.00	50.00	50.00

RATE COMPARISON

The recommended rates are compared with existing rates from nearby communities below in Table 9 and in Figure 1. Based on 20,000 gallons per month, the existing and recommended water rates for El Centro are among the least expensive in the Imperial Valley. For the recommended rates, only Westmorland, Heber Public Utilities District, and Coachella Valley Water District are less expensive. The proposed rates will be considerably less expensive than those in Imperial, Calipatria, and Calexico.

Table 9 Water Rate Comparison with Nearby Communities

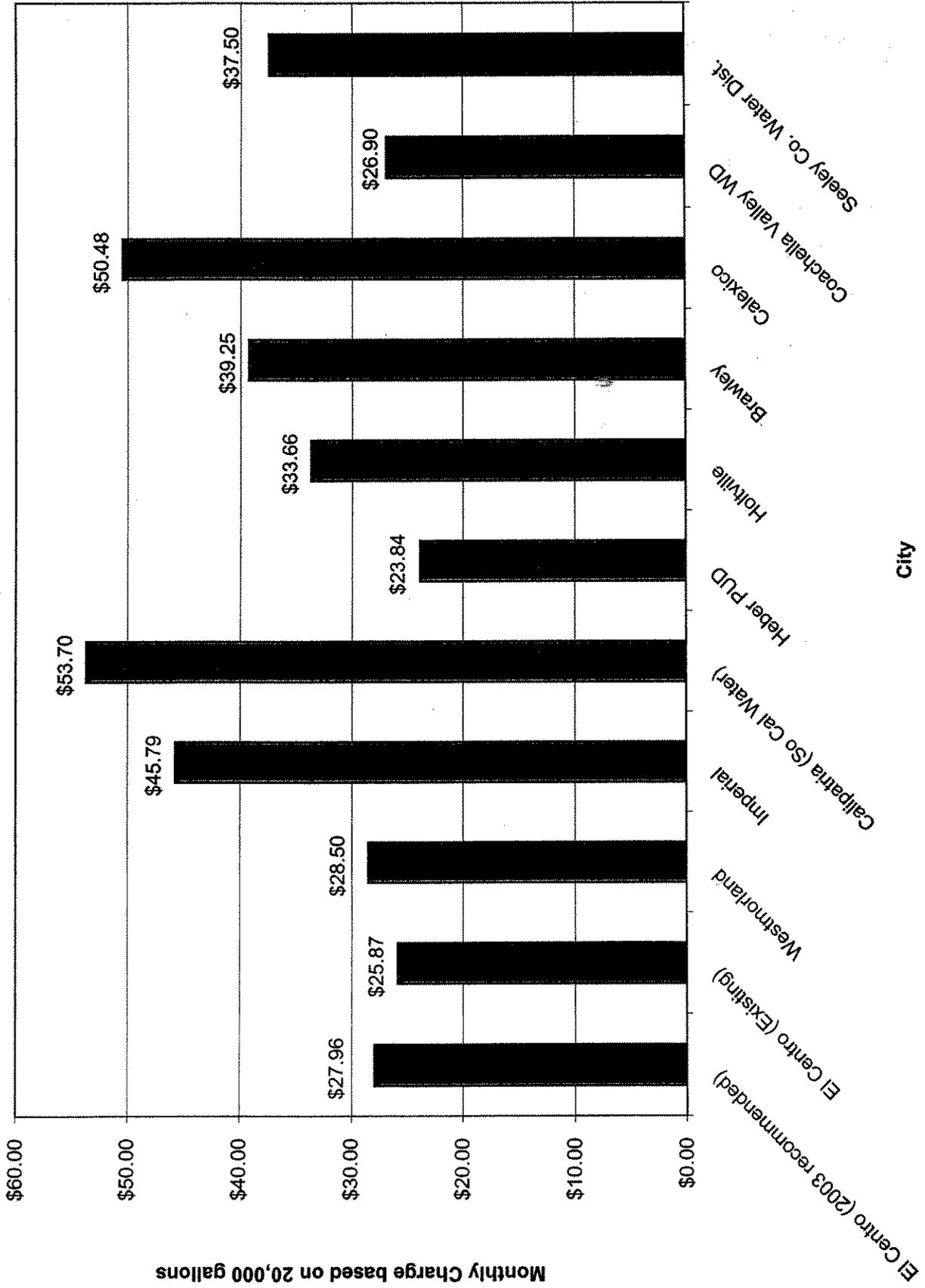
Community	Base Monthly Rate	Rate per 1,000 gallons	Cost for 20,000 gallons	Total Cost for 20,000 gallons
El Centro (2003 recommended)	\$1.96	\$1.30	\$26.00	\$27.96
El Centro (Existing)	1.87	1.20	24.00	\$25.87
Westmorland	28.50	0.00	0.00	\$28.50
Imperial	10.79	1.75	35.00	\$45.79
Calipatria (So Cal Water)	24.10	1.48	29.60	\$53.70
Heber PUD	23.84	0.00	0.00	\$23.84
Holtville ¹	22.44	2.24	11.22	\$33.66
Brawley	39.25	0.00	0.00	\$39.25
Calexico ²	27.19	1.37	23.29	\$50.48
Coachella Valley WD	5.50	1.07	21.40	\$26.90
Seeley Co. Water Dist.	19.50	0.90	18.00	\$37.50

Based on existing water rates

¹ Holtville charges per gallon rates only when more than 15,000 gallons are consumed

² Calexico charges per gallon rates only when more than 3,000 gallons are consumed

Figure 1 Total Monthly Cost for 20,000 gallons for Nearby Communities



WATER UTILITY FUND BUDGETS AND DEBT SERVICE SCHEDULES

This section contains the projected water utility fund budgets and the annual net debt service throughout the lives of the two bond issuances. The recommended rate increases are used in developing the operating income.

The projected budgets, shown in Table 10, were formulated using the projected operating expenditures outlined in Table 7, the debt service and bond revenue in Table 5, and the rate increases outlined in Table 8 and in the appendix. In each fiscal year, the operating income is at least 1.15 times the net debt service and the fund has positive income.

The debt service schedule includes bond issuances in 1993, 1997, and the projected issuances in 2003 and 2005. Debt service will peak in 2006. This is the same year that new bonds will be issued and the last bond payment on the 1993 bonds will occur. The debt service schedule is listed in Table 11.

Table 10 Projected Water Utility Fund Budget

Fiscal Year	2002	2003	2004	2005	2006	2007
Operating Revenues						
Water Sales	\$ 3,457,185	\$ 3,822,310	\$ 4,202,579	\$ 4,627,586	\$ 5,099,843	\$ 5,621,968
Interest	90,000	85,972	81,665	82,874	78,021	80,357
Connection Fees (see below)	70,000	70,450	70,914	71,391	71,883	72,389
Other	<u>50,000</u>	<u>50,000</u>	<u>50,000</u>	<u>50,000</u>	<u>50,000</u>	<u>50,000</u>
Total Operating Revenues	3,667,185	4,028,733	4,405,158	4,831,851	5,299,747	5,824,713
Operating Expenses						
Personal Services	1,335,465	1,565,593	1,659,528	1,834,100	1,944,146	2,135,795
Supplies and Services	1,158,268	1,193,016	1,228,807	1,265,671	1,303,641	1,342,750
General and Administrative	665,279	685,237	705,794	726,968	748,777	771,241
Total Operating Expenses	3,159,012	3,443,846	3,594,129	3,826,739	3,996,564	4,249,786
Operating Income (Loss)	508,173	584,886	811,028	1,005,112	1,303,182	1,574,928
Capital Outlay- sml equip, vehic, software, etc.	<u>300,000</u>	<u>309,000</u>	<u>318,270</u>	<u>327,818</u>	<u>337,653</u>	<u>347,782</u>
Capital Outlay- from fund balance	-	-	-	-	-	-
Net Income (Loss) before debt service	208,173	275,886	492,758	677,294	965,530	1,227,145
New Debt Service						
Debt Service (2003 bonds)	-	177,500	177,500	177,500	177,500	177,500
Debt Service (2005 bonds)	-	-	-	426,000	426,000	426,000
New Debt Service Total	-	177,500	177,500	603,500	603,500	603,500
Existing Debt Service						
1993 Series	145,446	145,446	145,446	145,446	145,446	145,446
1997 Series	123,835	125,225	121,445	122,466	123,175	123,587
Existing Debt Service Total	269,281	270,671	266,891	267,912	268,621	269,033
Net Debt Service	269,281	448,171	444,391	871,412	872,121	872,533
Operating Income/Net Debt Service	1.89	1.31	1.83	1.15	1.49	1.81
Fund Balance - July 1	<u>3,500,000</u>	<u>3,438,892</u>	<u>3,266,607</u>	<u>3,314,975</u>	<u>3,120,857</u>	<u>3,214,265</u>
Fund Balance - June 30	\$ 3,438,892	\$ 3,266,607	\$ 3,314,975	\$ 3,120,857	\$ 3,214,265	\$ 3,568,878
Rate Increase Percentage		8	8	8	8	8

Table 11 Projected Water Debt Service Schedule

FY	1993 Series	1997 Series	2003 Series	2005 Series	Total
2002	\$ 145,446	\$ 123,835			\$ 269,281
2003	145,446	125,225	\$ 177,500		448,171
2004	145,446	121,445	177,500		444,391
2005	145,446	122,466	177,500	\$ 426,000	871,412
2006	145,446	123,175	177,500	426,000	872,121
2007		123,587	177,500	426,000	727,087
2008		123,695	177,500	426,000	727,195
2009		123,463	177,500	426,000	726,963
2010		122,880	177,500	426,000	726,380
2011			177,500	426,000	603,500
2012			177,500	426,000	603,500
2013			177,500	426,000	603,500
2014			177,500	426,000	603,500
2015			177,500	426,000	603,500
2016			177,500	426,000	603,500
2017			177,500	426,000	603,500
2018			177,500	426,000	603,500
2019			177,500	426,000	603,500
2020			177,500	426,000	603,500
2021			177,500	426,000	603,500
2022			177,500	426,000	603,500
2023			177,500	426,000	603,500
2024			177,500	426,000	603,500
2025			177,500	426,000	603,500
2026			177,500	426,000	603,500
2027			177,500	426,000	603,500
2028				426,000	426,000
2029				426,000	426,000
2030					-

WASTEWATER RATE STUDY

INTRODUCTION

The City of El Centro (City) collects and treats wastewater from approximately 8,000 customers in the greater El Centro area. The City owns and operates a wastewater treatment facility that collects wastewater from the entire city and other entities nearby. The facility underwent a significant upgrade in the mid 1990's, increasing its capacity to 8mgd.

El Centro is a growing community with a population of 38,000. It is located in Imperial County, 120 miles east of San Diego, CA and 60 miles west of Yuma, AZ. The 2000 Census reports that populations of El Centro and the Imperial Valley have risen approximately 25% and 30%, respectively, since the 1990 census.

PURPOSE OF STUDY

The City last completed a wastewater rate study in 1997, which determined rates through FY 2001. This study will recommend rates for FY 2003 to FY 2007. Rates should be reexamined periodically, especially when planning substantial capital improvement projects.

The study aims to determine what changes, if any, need to be made to the existing wastewater rates and rate structure. The City recently completed its Master Plan for its wastewater system. Following that plan, the City determined several capital improvements that need to be made to its collection, pumping, and treatment infrastructures within the next five fiscal years. This study determines what annual revenues will be required to offset anticipated expenditures through FY 2007.

STUDY ASSUMPTIONS

Several key assumptions make up a substantial portion of the foundation of this study. The basis of this study is the Capital Improvements Plan (CIP) of the Master Plan that was completed in 2001. The projects of first five years of the CIP will be a principle component

of the anticipated expenditures. Other projects include those that were recently completed or began prior the completion of the Master Plan.

The following were assumed to complete this study:

- An inflation rate of 3% per year
- A population and water consumption increase of 2.25% per year
- Interest income based on 2.5% interest rate
- Infrastructure projects will be 100% financed through revenue bonds at 6% with a payback period of 25 years
- Capacity Fees will be utilized before financing projects with bonds
- Annual Capacity Fee income of \$200,000
- Personnel costs increase at a rate of 6% per year
- Personnel additions as outlined in study
- Supplies and services, general and administrative costs will increase 3% per year
- Non-infrastructure capital outlays (vehicles, office equipment, etc.) will increase at a rate of 3% per year, with an initial capital outlay of \$400,000 in FY 2003

The following documents were used as bases for this study:

- Water and Wastewater Master Plan Capital Improvement Plan
- 2002-2003 Biennial Budget
- Planned improvements schedule from Wastewater Supervisor
- Pumping, billing, and collection records from Finance Department

BACKGROUND

There are two funds associated with the wastewater rate study:

Wastewater Enterprise Fund

Wastewater Capacity Fee Fund

The Wastewater Enterprise Fund is used by the City to handle operations, maintenance, salaries, and equipment purchases. This is the principle fund that the wastewater system uses. The Wastewater Capacity Fee Fund is used to finance capital projects associated with growth. Table 1 below shows the balances in each of the funds.

Table 1 Wastewater Fund Balances

Fund	End FY 2001 Balance
Wastewater Enterprise Fund	\$5,250,000
Wastewater Capacity Fees	\$1,275,000

DESCRIPTION OF EXISTING WASTEWATER RATES

This section outlines the existing rates charged to Wastewater customers. The El Centro City Council last approved wastewater rates in September 1997 through Resolution No. 97-72. Table 2 below shows the rates by customer for fiscal years 1997-2001.

Table 2 Existing Wastewater Rates and Charges

Rate Class	Customer Class	Sept 1997	July 1998	July 1999	July 2000	July 2001
<u>Residential</u>						
1	Single Family	\$20.31	\$21.41	\$22.86	\$24.35	\$25.91
2	Duplex	30.52	32.16	34.35	36.58	38.93
3	Multiple Family, Condominium	1.3991	1.4746	1.5749	1.6773	1.7846
4	Mobile Home Park	1.3991	1.4746	1.5749	1.6773	1.7846
<u>Commercial and Other</u>						
5	Hotel, Motel, without dining facilities	1.8385	1.9378	2.0695	2.2040	2.3451
6	Laundromat	1.4620	1.5409	1.6457	1.7527	1.8648
7	Commercial Laundry, Dry Cleaner	2.4144	2.5447	2.7178	2.8944	3.0797
8	Market with Garbage Disposal, Butcher Shop, Mortuary	4.4303	4.6695	4.9871	5.3112	5.6512
9	Professional Office	1.3512	1.4242	1.5210	1.6199	1.7236
10	Repair Shop, Service Station	1.9050	2.0079	2.1444	2.2838	2.4300
11	Bar, Tavern	1.7721	1.8678	1.9948	2.1244	2.2604
12	Car Wash	1.2626	1.3308	1.4213	1.5137	1.6105
13	Soft Water Service	1.0145	1.0693	1.1420	1.2162	1.2941
14	Hospital, Convalescent Facility, Medical Office	1.6614	1.7512	1.8702	1.9918	2.1193
15	Hotel, Motel with Dining Facilities	3.3227	3.5021	3.7402	3.9833	4.2383
16	Restaurant, Bakery	4.4303	4.6695	4.9871	5.3112	5.6512
17	School, College, Church	1.3955	1.4709	1.5709	1.6730	1.7801
18	Retail Store	1.5506	1.6343	1.7455	1.8589	1.9779
19	Beauty Parlor	1.5506	1.6343	1.7455	1.8589	1.9779
20	Icemaking	0.5169	0.5448	0.5818	0.6196	0.6593
21	Movie Theatre	1.5506	1.6343	1.7455	1.8589	1.9779
22	Packing Shed	0.5169	0.5448	0.5818	0.6196	0.6593

Rates for Customers Nos. 3-22 are expressed per 1,000 gallons of water consumed

There are two rate structures for wastewater billing. For rate classes 1 and 2, there is a flat fee that does not depend on the quantity of water consumed. The second rate structure, for customers in rate classes 3-22, is based on the type of user and the quantity of water consumed. The usage charges shown above are costs per 1,000 gallons of water. The service charges for customer classes 3-22 is based on several parameters, including the typical industry percentage of water consumed that enters the wastewater collection system and the typical biological and chemical quality of the industry's wastewater.

PROJECTED WASTEWATER REVENUE REQUIREMENTS

EXISTING DEBT SERVICE

The wastewater system is also paying off its debt from bonds issued to improve the system. Revenue bonds were issued in 1997. The debt service schedule through 2010 is shown in Table 3. Debt repayment for bonds issued in 1997 is will terminate in FY 2027.

Table 3 Existing Wastewater Debt Service

FY	1997 Series
2002	\$ 678,116
2003	670,485
2004	677,396
2005	678,579
2006	684,005
2007	683,711
2008	682,789
2009	681,161
2010	678,808

CAPITAL IMPROVEMENTS

The City of El Centro completed a Master Plan of its water and wastewater systems in 2001. The plan contains a Capital Improvements Plan that outlines most of the capital projects for the wastewater system. The wastewater collection system is slated to undergo a substantial upgrade to increase its capacity and reliability. The anticipated improvements are shown on Table 4 on the following page. The anticipated expenditures are distributed through FY 2008. The costs for each project are divided into engineering and construction segments. The amounts shown are in 2001 dollars.

Table 4 Wastewater System Improvements

Wastewater Treatment Plant		2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project	Estimated Price									
Odor Control Engineering	\$100,000									
Engineering Construction	\$100,000	\$100,000								
Digester Rehabilitation	\$300,000									
Engineering Construction	\$30,000	\$30,000								
	\$270,000	\$270,000								
Belt Press	\$300,000									
Engineering Construction	\$30,000		\$30,000							
	\$270,000		\$270,000							
Sludge Drying Area/ Lagoon Improvements	\$1,275,000									
Engineering Construction	\$25,000	\$25,000								
	\$1,250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000		
Net Income (Loss) before debt service	\$250,000									
Engineering Construction	\$25,000	\$25,000								
	\$225,000									
Pump Equipment Replacement	\$1,200,000									
Construction	\$1,200,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
UV Unit and Building	\$400,000									
Engineering Construction	\$40,000				\$40,000					
	\$360,000				\$360,000					
Total Estimated Cost (2001 Dollars)	\$3,825,000	\$725,000	\$500,000	\$740,000	\$760,000	\$400,000	\$400,000	\$400,000	\$150,000	\$150,000

Table 4 Wastewater System Improvements

Wastewater Collection System		2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project	Estimated Price									
Lift Station No. 2	Engineering Construction	\$415,000 \$40,000 \$375,000			\$40,000	\$375,000				
Lotus Sewer Project	Engineering Construction	\$7,300,000 \$300,000 \$7,000,000						\$300,000	\$3,500,000	\$3,500,000
Alder Sewer Project	Engineering Construction	\$6,600,000 \$0 \$6,600,000	\$1,200,000	\$5,400,000						
Replace Main Lift Station (see note 1)	Engineering Construction	\$3,000,000 \$300,000 \$2,700,000							\$300,000	\$1,350,000
East Side Lift Station Replacement	Engineering Construction	\$1,200,000 \$120,000 \$1,080,000				\$120,000	\$445,000	\$635,000		
Total Estimated Cost (2001 Dollars)		\$18,515,000	\$1,200,000	\$5,400,000	\$40,000	\$495,000	\$445,000	\$935,000	\$3,800,000	\$4,850,000
Wastewater System Total Estimated Cost (\$2001)		\$22,340,000	\$1,925,000	\$5,900,000	\$780,000	\$1,255,000	\$845,000	\$1,335,000	\$3,950,000	\$5,000,000
Wastewater System Total Estimated Cost (Adjusted for Inflation (3%))			\$1,925,000	\$6,077,000	\$827,502	\$1,371,372	\$951,055	\$1,547,631	\$4,716,507	\$6,149,369

Note 1: Chart only shows one-half of the construction cost for this project. Remaining half will be spent in FY 2010

PROJECT FINANCING

The City plans to finance the proposed projects by 1997 revenue bonds, capacity fees, redevelopment funds, and a future bond issuance. For purposes of this study, an annual interest rate of 5% and a payback period of 25 years are assumed for the new revenue bond issuance. Table 5 shows the finance schedule for the proposed projects. The table shows the existing debt service and the anticipated debt service from future projects through fiscal year 2007.

This study assumes that revenue bonds will be issued only after 1997 bond money and available capacity fees and Redevelopment Agency funds have been used. From Table 4, the City is planning substantial improvements during fiscal years 2003 and 2004. Capital funding requirements for these projects total \$6.7 Million. Financing these projects after the 1997 bond funds, capacity fees, and redevelopment agency funds have been utilized will require bond issuances in 2003 and 2006. These bonds will provide financing for projects scheduled through FY 2007. The bonds will provide the City with \$6,000,000 to finance the projects. These will be the only bond issuances necessary to finance the projects outlined in Table 4.

WASTEWATER CAPACITY FEES

This study assumes that the Capacity Fee balance will be \$1,400,000 on July 1, 2002. Annual capacity fee income is estimated at \$200,000. This study assumes that the funds available from these fees will be used prior to bond issuances.

REDEVELOPMENT FUNDS FOR ALDER CANAL SEWER

The Redevelopment Agency has directed funds totaling \$1,714,000 for the Alder Canal Sewer. \$1,200,000 of those funds will be spent in FY 2002 for the initial construction of the Alder Canal Sewer, leaving an approximate balance of \$514,000 for remaining portions of the project. This balance will be utilized in FY 2003 to help fund the Alder Canal Sewer, which will exhaust the Redevelopment Agency's funds for the Alder Canal Sewer.

Table 5 Wastewater System Project Financing

Fiscal Year	2003	2004	2005	2006	2007	Total
Requirements						
Capital Funding	\$6,077,000	\$827,502	\$1,371,372	\$951,055	\$1,547,631	\$10,774,560
Sources						
Existing Available Funding Sources						
Capacity Fee Balance July 1	1,400,000	-	-	-	-	-
Capacity Fee Income	200,000	200,000	200,000	200,000	200,000	1,000,000
Capacity Fee Expenditures	1,600,000	200,000	200,000	200,000	200,000	2,400,000
Capacity Fee Balance June 30	-	-	-	-	-	-
RDA Balance July 1	514,000	-	-	-	-	-
RDA Fund Income	-	-	-	-	-	1,714,000
RDA Expenditures	514,000	-	-	-	-	1,714,000
RDA Balance June 30	-	-	-	-	-	-
Net Income (Loss) before debt service	2,075,000	-	-	-	-	-
1997 Bond Expenditures	2,075,000	-	-	-	-	2,800,000
1997 Bond Balance June 30	-	-	-	-	-	-
Existing Source Expenditures	4,189,000	200,000	200,000	200,000	200,000	4,989,000
Existing Funding Sources Balance	-	-	-	-	-	-
Funds to be financed	\$1,888,000	\$627,502	\$1,171,372	\$751,055	\$1,347,631	5,785,560
New Available Funding Sources						
Bond Balance (July 1)	-	2,112,000	1,537,298	404,358	1,663,412	4,000,000
Bonds (2003, 25 years at 5%)	4,000,000	-	-	-	-	2,000,000
Bonds (2006, 25 years at 5%)	1,888,000	627,502	1,171,372	751,055	1,347,631	5,785,560
Bond Expenditures	-	52,800	38,432	10,109	41,585	142,927
Interest from Bonds	-	-	-	-	-	-
Bond Balance (June 30)	\$ 2,112,000	\$ 1,537,298	\$ 404,358	\$ 1,663,412	\$ 357,366	

* Redevelopment Agency funds for Alder Canal Sewer

PERSONNEL ADDITIONS

The wastewater collection and treatment systems will require additional staffing during the next five fiscal years. Table 6 lists the anticipated additional staffing needs through FY 2007. These positions include operators, a pretreatment coordinator, staff assistants, and computer support. The costs of these new positions will increase by 6% per year.

Table 6 Proposed Wastewater Staff Additions

Position	2003	2004	2005	2006	2007
Secretarial Assistant (Replace half-time clerical assistant)	\$25,000	\$26,500	\$28,090	\$29,775	\$31,562
Add Operator III	\$75,000	\$79,500	\$84,270	\$89,326	\$94,686
Computer Support Technician (MIS-GIS)	\$75,000	\$79,500	\$84,270	\$89,326	\$94,686
Analyst (2/3)	\$50,000	\$53,000	\$56,180	\$59,551	\$63,124
Staff Assistant (1/3)	\$25,000	\$26,500	\$28,090	\$29,775	\$31,562
Pretreatment Coordinator		\$75,000	\$79,500	\$84,270	\$89,326
Lab Technician			\$75,000	\$89,326	\$94,686
Total Cost	\$250,000	\$340,000	\$435,400	\$471,350	\$499,631
Cumulative Cost	\$250,000	\$590,000	\$1,025,400	\$1,496,750	\$1,996,381

OPERATING EXPENSES

Total operating expenses include personal services, supplies and services, and general and administrative costs. The City's 2002-2003 Biennial Budget was used as a base for these costs. From those base costs, personal services costs were increased 6% annually, and supplies, services, general, and administrative costs were increased at a 3% annual rate. Table 7 shows the projected total operating costs of the wastewater system through 2008.

Table 7 Wastewater System Projected Operating Expenses

Fiscal Year	2003	2004	2005	2006	2007
Operating Expenses					
Personal Services	\$ 1,425,640	\$ 1,586,178	\$ 1,756,349	\$ 1,861,730	\$ 1,973,433
Supplies and Services	1,279,401	1,317,783	1,357,317	1,398,036	1,439,977
General and Administrative	638,855	658,021	677,762	698,095	719,037
Total Operating Expenses	\$ 3,343,896	\$ 3,561,982	\$ 3,791,427	\$ 3,957,860	\$ 4,132,448

DEVELOPMENT AND RECOMMENDATION OF RATE CHANGES

This section outlines the requirements and guidelines for changes to the wastewater rates and shows and describes the rate changes. It also compares the recommended rates to those charged by nearby communities

BUDGET REQUIREMENTS AND GUIDELINES

Several key criteria were used as guidelines and regulations to establish new wastewater rates. The Rate increases were determined utilizing the following guidelines:

- The wastewater utility fund balance should remain at approximately 50% of the operating revenues
- Operating income, at a minimum, must be 1.15 times the net debt service
- Maintain rate increases to a minimum so that the impact to customers is minimized

RECOMMENDATION OF RATE CHANGES

Utilizing these criteria, the rate increases shown in Table 8 are necessary to ensure quality wastewater treatment, keep risk of sewage spills and other environmental risks to a minimum, and implement various treatment facility improvements.

Over the next five fiscal years, the sewer rates will need to rise 6% annually. The bond issuances will increase the net annual debt service of wastewater system. Revenues need to rise so that operating income is at least 1.15 times the net debt service and the fund balance will be maintained at approximately 50% of the operating revenue.

Table 8 Recommended Wastewater Rates

Rate Class	Customer Class	July 2002	July 2003	July 2004	July 2005	July 2006	July 2007
<u>Recommended Rate Increase from Previous Year</u>			6	6	6	6	6
<u>Residential</u>							
1	Single Family	\$ 25.91	\$ 27.46	\$ 29.11	\$ 30.86	\$ 32.71	\$ 34.67
2	Duplex	38.93	41.27	43.74	46.37	49.15	52.10
3	Multiple Family, Condominium	1.7846	1.8917	2.0052	2.1255	2.2530	2.3882
4	Mobile Home Park	1.7846	1.8917	2.0052	2.1255	2.2530	2.3882
<u>Commercial and Other</u>							
5	Hotel, Motel, without dining facilities	2.3451	2.4858	2.6350	2.7931	2.9606	3.1383
6	Laundromat	1.8648	1.9767	2.0953	2.2210	2.3543	2.4955
7	Commercial Laundry, Dry Cleaner	3.0797	3.2645	3.4604	3.6680	3.8881	4.1213
8	Market w/ Garbage Disposal, Butcher Shop, Mortuary	5.6512	5.9903	6.3497	6.7307	7.1345	7.5626
9	Professional Office	1.7236	1.8270	1.9366	2.0528	2.1760	2.3066
10	Repair Shop, Service Station	2.4300	2.5758	2.7303	2.8942	3.0678	3.2519
11	Bar, Tavern	2.2604	2.3960	2.5398	2.6922	2.8537	3.0249
12	Car Wash	1.6105	1.7071	1.8096	1.9181	2.0332	2.1552
13	Soft Water Service	1.2941	1.3717	1.4541	1.5413	1.6338	1.7318
14	Hospital, Convalescent Facility, Medical Office	2.1193	2.2465	2.3812	2.5241	2.6756	2.8361
15	Hotel, Motel with Dining Facilities	4.2383	4.4926	4.7622	5.0479	5.3508	5.6718
16	Restaurant, Bakery	5.6512	5.9903	6.3497	6.7307	7.1345	7.5626
17	School, College, Church	1.7801	1.8869	2.0001	2.1201	2.2473	2.3822
18	Retail Store	1.9779	2.0966	2.2224	2.3557	2.4971	2.6469
19	Beauty Parlor	1.9779	2.0966	2.2224	2.3557	2.4971	2.6469
20	Icemaking	0.6593	0.6989	0.7408	0.7852	0.8324	0.8823
21	Movie Theatre	1.9779	2.0966	2.2224	2.3557	2.4971	2.6469
22	Packing Shed	0.6593	0.6989	0.7408	0.7852	0.8324	0.8823

Rates for Customers Nos. 3-22 are expressed per 1,000 gallons of water consumed

RATE COMPARISON

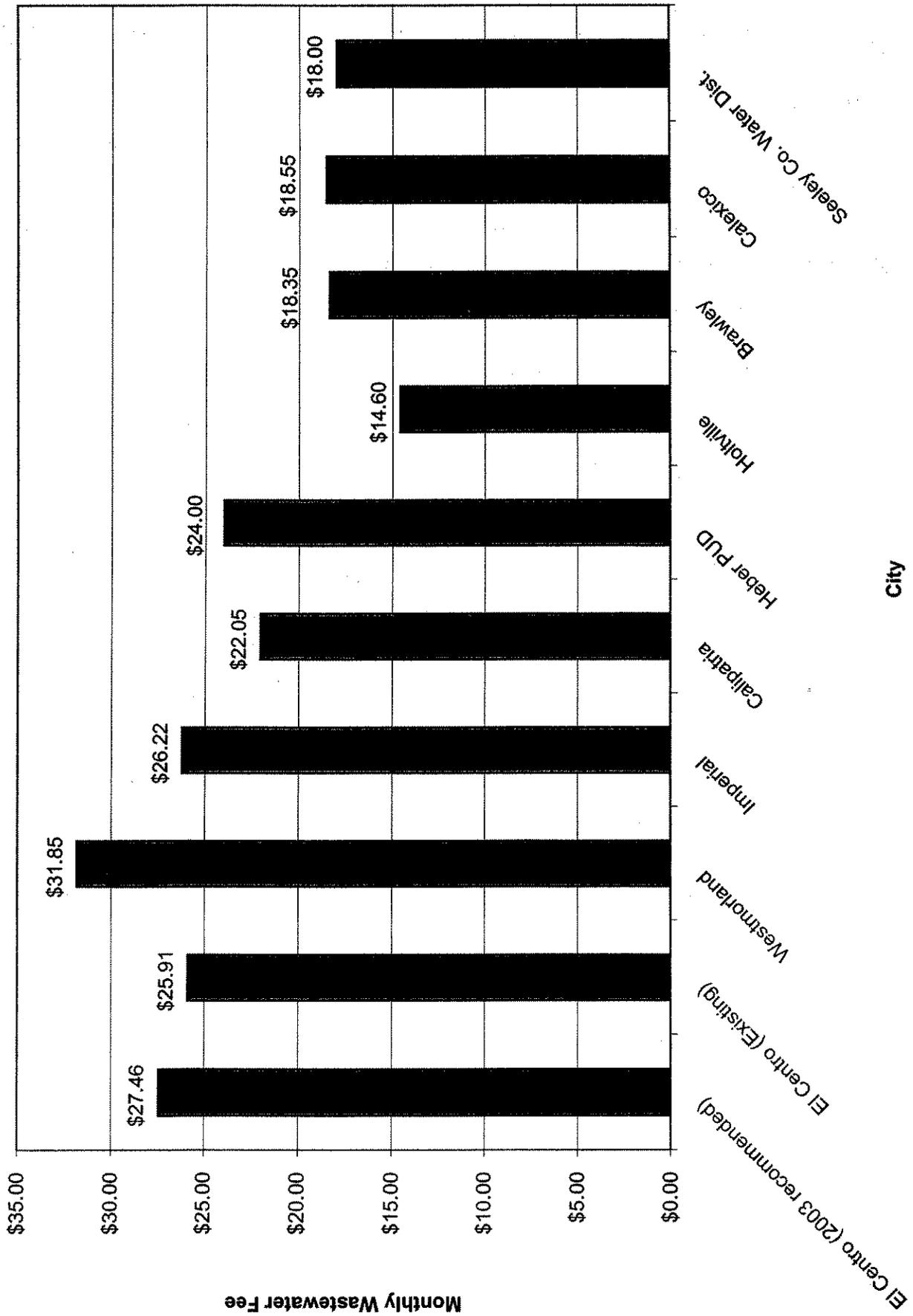
The recommended rates are compared with existing rates from nearby communities below in Table 9 and in Figure 1 on the following page. El Centro's existing rate and the recommended rate are among the highest in the Imperial Valley. Westmorland has rates higher than the recommended rates for El Centro. The recommended rates are comparable to those in Imperial, Calipatria, and the Heber Public Utilities District.

Table 9 Wastewater Rate Comparison with Nearby Communities

Community	Monthly Rate
El Centro (2003 recommended)	\$27.46
El Centro (Existing)	\$25.91
Westmorland	\$31.85
Imperial	\$26.22
Calipatria	\$22.05
Heber PUD	\$24.00
Holtville	\$14.60
Brawley	\$18.35
Calexico	\$18.55
Seeley Co. Water Dist.	\$18.00

Based on existing rates

Figure 1 Monthly Wastewater Charges for Nearby Communities



**WASTEWATER UTILITY FUND BUDGETS AND
DEBT SERVICE SCHEDULE**

This section contains the projected wastewater utility fund budgets and the annual net debt service throughout the lives of the two bond issuances. The recommended rate increases are used in developing the operating income.

The projected budgets, shown in Table 10, were formulated using the projected operating expenditures outlined in Table 7, the debt service and bond revenue in Table 5, and the rate increases outlined in Table 8 and in the appendix. In each fiscal year, the operating income is at least 1.15 times the net debt service and the fund has positive income.

The debt service schedule includes the bond issuance in 1997 and the projected issuances in 2003 and 2006. Debt service will peak in 2006. The debt service schedule is located in Table 11.

Table 10 Projected Wastewater Utility Fund Budget

Fiscal Year	2003	2004	2005	2006	2007
Operating Revenues					
Treatment Charges	\$ 4,335,400	\$ 4,698,923	\$ 5,092,928	\$ 5,519,970	\$ 5,982,820
Interest	70,010	64,897	62,822	64,473	68,680
Connection Fees (see below)	50,450	50,914	51,391	51,883	52,389
Other	50,000	50,000	50,000	50,000	50,000
Total Operating Revenues	4,505,860	4,864,734	5,257,141	5,686,326	6,153,888
Operating Expenses					
Personal Services	1,425,640	1,586,178	1,756,349	1,861,730	1,973,433
Supplies and Services	1,279,401	1,317,783	1,357,317	1,398,036	1,439,977
General and Administrative	638,855	658,021	677,762	698,095	719,037
Total Operating Expenses	3,343,896	3,561,982	3,791,427	3,957,860	4,132,448
Operating Income (Loss)	1,161,964	1,302,752	1,465,714	1,728,465	2,021,440
Capital Outlay- sml equip, vehic, software, etc.	412,000	424,360	437,091	450,204	463,710
Net Income (Loss) before debt service	749,964	878,392	1,028,623	1,278,262	1,557,730
New Debt Service					
Debt Service (2003 bonds)	284,000	284,000	284,000	284,000	284,000
Debt Service (2006 bonds)	-	-	-	142,000	142,000
New Debt Service Total	284,000	284,000	284,000	426,000	426,000
Existing Debt Service					
1997 Series	670,485	677,396	678,579	684,005	683,711
Existing Debt Service Total	670,485	677,396	678,579	684,005	683,711
Net Debt Service	954,485	961,396	962,579	1,110,005	1,109,711
Operating Income/Net Debt Service	1.22	1.36	1.52	1.56	1.82
Fund Balance - July 1	2,800,405	2,595,884	2,512,880	2,578,924	2,747,180
Fund Balance - June 30	\$ 2,595,884	\$ 2,512,880	\$ 2,578,924	\$ 2,747,180	\$ 3,195,200
Rate Increase Percentage	6	6	6	6	6

Connection Fees based on \$15,000 inflated at 3% per year plus 50 homes per year @ \$700

Table 11 Projected Wastewater Debt Service Schedule

FY	1997 Series	2003 Series	2006 Series	Total
2002	\$ 678,116			\$ 678,116
2003	670,485	\$ 284,000		954,485
2004	677,396	284,000		961,396
2005	678,579	284,000		962,579
2006	684,005	284,000	142,000	1,110,005
2007	683,711	284,000	142,000	1,109,711
2008	682,789	284,000	142,000	1,108,789
2009	681,161	284,000	142,000	1,107,161
2010	678,808	284,000	142,000	1,104,808
2011	680,658	284,000	142,000	1,106,658
2012	681,493	284,000	142,000	1,107,493
2013	681,368	284,000	142,000	1,107,368
2014	680,290	284,000	142,000	1,106,290
2015	678,250	284,000	142,000	1,104,250
2016	680,313	284,000	142,000	1,106,313
2017	676,478	284,000	142,000	1,102,478
2018	676,747	284,000	142,000	1,102,747
2019	675,991	284,000	142,000	1,101,991
2020	679,081	284,000	142,000	1,105,081
2021	676,019	284,000	142,000	1,102,019
2022	676,804	284,000	142,000	1,102,804
2023	676,307	284,000	142,000	1,102,307
2024	674,528	284,000	142,000	1,100,528
2025	681,212	284,000	142,000	1,107,212
2026	681,231	284,000	142,000	1,107,231
2027	674,841	284,000	142,000	1,100,841
2028	676,913		142,000	818,913
2029			142,000	142,000
2030			142,000	142,000

APPENDIX

Projected Water Revenues
Water Usage Recommended Rates

Fiscal Year	Gallons Pumped (1,000 gallons)	Billed Consumption (1,000 gallons)	Usage Charge per 1,000 gallons	User Charge % Increase from Previous Year	Annual Water Usage Charge
2001 (Actual)	2,799,000	2,659,050	\$1.20	-	\$3,190,860
2002	2,861,978	2,718,879	\$1.20	-	\$3,262,654
2003	2,926,372	2,780,053	\$1.30	8	\$3,614,069
2004	2,992,215	2,842,605	\$1.40	8	\$3,979,646
2005	3,059,540	2,906,563	\$1.51	8	\$4,388,910
2006	3,128,380	2,971,961	\$1.63	8	\$4,844,296
2007	3,198,768	3,038,830	\$1.76	8	\$5,348,341

Projected Water Revenues
 Meter Maintenance Recommended Rates

FY 2002					
Size of Meter	Number of Connections	Monthly service charge	% Increase from Previous Year	Monthly service charge revenue	Annual service charge revenue
5/8 and 3/4	6,579	\$1.87	.	\$12,303	\$147,633
1	820	\$2.28	.	\$1,870	\$22,435
2	377	\$3.80	.	\$1,433	\$17,191
3	16	\$13.03	.	\$208	\$2,502
4	19	\$15.08	.	\$287	\$3,438
6	5	\$22.19	.	\$111	\$1,331
8	0	\$30.31	.	\$0	\$0
Other, non-billed	85				
Totals	7,901			\$16,211	\$194,531

FY 2003					
Size of Meter	Number of Connections	Monthly service charge	% Increase from Previous Year	Monthly service charge revenue	Annual service charge revenue
5/8 and 3/4	6,727	\$1.96	5	\$13,209	\$158,502
1	838	\$2.39	5	\$2,007	\$24,087
2	385	\$3.91	3	\$1,509	\$18,105
3	16	\$13.23	1.5	\$216	\$2,596
4	19	\$15.31	1.5	\$297	\$3,568
6	5	\$22.52	1.5	\$115	\$1,382
8	0	\$30.76	1.5	\$0	\$0
Other, non-billed	85				
Totals	8,077			\$17,353	\$208,241

FY 2004					
Size of Meter	Number of Connections	Monthly service charge	% Increase from Previous Year	Monthly service charge revenue	Annual service charge revenue
5/8 and 3/4	6,878	\$2.06	5	\$14,181	\$170,172
1	857	\$2.51	5	\$2,155	\$25,860
2	394	\$4.03	3	\$1,589	\$19,068
3	17	\$13.42	1.5	\$225	\$2,695
4	20	\$15.54	1.5	\$309	\$3,703
6	5	\$22.86	1.5	\$120	\$1,434
8	0	\$31.23	1.5	\$0	\$0
Other, non-billed	89				
Totals	8,261			\$18,578	\$222,933

Projected Water Revenues

Meter Maintenance

Recommended Rates

FY 2005					
Size of Meter	Number of Connections	Monthly service charge	% Increase from Previous Year	Monthly service charge revenue	Annual service charge revenue
5/8 and 3/4	7,033	\$2.16	5	\$15,225	\$182,701
1	877	\$2.64	5	\$2,314	\$27,764
2	403	\$4.15	3	\$1,674	\$20,082
3	17	\$13.63	1.5	\$233	\$2,797
4	20	\$15.77	1.5	\$320	\$3,843
6	5	\$23.20	1.5	\$124	\$1,488
8	0	\$31.69	1.5	\$0	\$0
Other, non-billed	91				
Totals	8,446			\$19,890	\$238,676

FY 2006					
Size of Meter	Number of Connections	Monthly service charge	% Increase from Previous Year	Monthly service charge revenue	Annual service charge revenue
5/8 and 3/4	7,191	\$2.27	5	\$16,346	\$196,152
1	896	\$2.77	5	\$2,484	\$29,809
2	412	\$4.28	3	\$1,762	\$21,150
3	17	\$13.83	1.5	\$242	\$2,902
4	21	\$16.01	1.5	\$332	\$3,989
6	5	\$23.55	1.5	\$129	\$1,545
8	0	\$32.17	1.5	\$0	\$0
Other, non-billed	93				
Totals	8,636			\$21,296	\$255,547

FY 2007					
Size of Meter	Number of Connections	Monthly service charge	% Increase from Previous Year	Monthly service charge revenue	Annual service charge revenue
5/8 and 3/4	7,353	\$2.39	5	\$17,549	\$210,594
1	916	\$2.91	5	\$2,667	\$32,003
2	421	\$4.41	3	\$1,856	\$22,275
3	18	\$14.04	1.5	\$251	\$3,012
4	21	\$16.25	1.5	\$345	\$4,140
6	6	\$23.90	1.5	\$134	\$1,603
8	0	\$32.65	1.5	\$0	\$0
Other, non-billed	95				
Totals	8,831			\$22,802	\$273,627

FINAL
DEVELOPMENT IMPACT FEE REPORT

Prepared for:

The City of El Centro

Prepared by:

RECHT HAUSRATH & ASSOCIATES
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INTRODUCTION

STUDY PURPOSE

This report documents the calculation of development impact fees for the City of El Centro, California. Development impact fees are a way of collecting funds from new residential and non-residential construction projects for city facilities and infrastructure not financed adequately by other means.

In 1987 the California legislature passed AB 1600, effective January 1, 1989. AB 1600 changed certain requirements for the application of development impact fees. Among the more important features of this law are provisions that local agencies adopting such fees for public facilities document the relationship between facilities needed by different types of development and fees charged. Fees must be spent, or a justification of plans for later expenditure provided, within five years of collection. Effectively, the City is more closely accountable for programming facilities required by growth as a result of this recent legislation.

This study establishes the basis for a fee program by identifying the types and costs of facilities which the City of El Centro will need over the next two decades to provide city services at specified standards in order to accommodate growth.

DEVELOPMENT IMPACT FEES IN EL CENTRO

The City of El Centro does not currently have a comprehensive development impact fee program. However, the City has charged fees for certain municipal services for over a decade. For example, the City has been assessing water and wastewater capacity fees in accordance with a City Resolution passed in 1978 (updated in 1986). These fees have been used to defray only the costs associated with expanding the capacity of the water and wastewater systems.

Additionally, through the Subdivision Map Act and the provisions of the Quimby Act, state law allows land dedication or in lieu fees for the acquisition and development of park land. El Centro has exercised these options.

However, due to an increasing need for various capital facilities and other infrastructure to accommodate increasing development, the City is at this time contemplating a comprehensive Development Impact Fee Program. In addition to water and wastewater treatment and park land, a comprehensive Development Impact Fee Program would encompass other city facilities, such as police and fire stations, recreational/cultural facilities, library facilities, city administrative facilities (City Hall), streets, and other public facilities needed by the City for the provision of city services. Although some existing city facilities have remaining excess capacity, most city facilities have already reached capacity and need funding mechanisms for expansion.

It should be noted that the fees for water and wastewater, as already adopted, will remain unchanged as the result of this study. However, a water and wastewater chapter, which essentially duplicates the language and fee schedule of the

existing water and wastewater fee resolution, is included in this study. The fees for park land acquisition and development, on the other hand, will supersede the Quimby Act provisions as specified in the City of El Centro subdivision ordinance. However, the City may wish to maintain the option of receiving land donations (for park land) in accordance with the subdivision ordinance. These land donations would be credited against the total park development fees due. This possibility is described in more detail at the end of the Parks chapter.

Development impact fees levied upon new development cannot be used to provide additional facilities for existing development, nor may they be used to replace depreciated facilities which would require replacement even without the impacts of new development. Rather, they may only be used to build and expand facilities to accommodate growth. Also, development fees cannot be used for operation or maintenance expenses.

If the City wishes to increase the standard used as a basis for a development impact fee for a specific city facility, the City must fund facilities to increase the standard for the existing population from sources other than development fees. In other words, if an "existing deficiency" is identified, the burden of alleviating that deficiency falls upon the City and the standard for new development cannot be set at the higher level without the deficiency being alleviated. It is proposed here that the City budget funds each year so that the deficiency is reduced gradually. However, it is imperative that these budgeted funds are monitored carefully so that the identified deficiency is indeed alleviated or the courts could conceivably require the City to reimburse developers.

Development impact fees can include capital cost items other than land and buildings. For example, vehicles and major equipment,

furnishings, computer equipment, and library books, may be included as capital costs for the purposes of fee calculations. Again, these items may be included only to the extent that they are required to serve new development and at a legitimate service level.

The implementation of a comprehensive Development Impact Fee Program which takes into account all affected city services is a necessity for the City of El Centro. This study determines an appropriate comprehensive fee program which will generally maintain the current level of facilities for the provision of city services to new development through the year 2010. Furthermore, state law now requires a more thorough documentation of all development impact fee programs. This study thoroughly documents the derivation of the fees prepared for each of the city facilities examined.

STUDY PROCEDURE

Designing a development impact fee program follows the procedure of: (1) projecting additions to the City to buildout; (2) identifying the facilities necessary to accommodate this growth; (3) estimating the costs of improvements; and (4) devising a way of equitably allocating costs among types of development.

(1) Projections of El Centro Development at Buildout

This report describes the facilities required to serve residential and non-residential development projected to be added to the City of El Centro during the buildout of the Phase I expansion area defined in the *City of El Centro General Plan (General Plan)*. This includes some limited capacity for new development within the existing city limits. The *General Plan* projects that the "buildout" (development to capacity as allowed by the density and use classifications in the *General Plan*) of the Phase I expansion

area, and of remaining development capacity within the current city limits, will result in a population increase of approximately 31,000.

As of January 1, 1989, the resident population of the City of El Centro population was estimated by the California Department of Finance to be 31,660. This report, the research for which was completed in August, 1989, assumes a base population of 32,000 residents.

Thus the City's buildout residential population is forecast to be 63,000. The General Plan projects that buildout of the Phase I area of expansion will occur over the next twenty years, or by the year 2010. However, a precise time frame is not critical to this study. For the purposes of this analysis it is relatively unimportant whether the development occurs in 20 years or, for example, in 15 or 25 years. The purpose of the study is in identifying the facilities necessary to serve the growth whenever it occurs.

Table I-1 sets forth the population and employment projections used in this study.

Some city facilities are primarily impacted by the resident population; libraries, parks and recreation facilities are such services. For these services population is used as the indicator of service need. Other city facilities are additionally impacted by and serve commercial and industrial developments and the corresponding employee population. These facilities and services include fire, police, city administration, the city corporation yard, and city public parking lots. Services to employees are provided in addition to the services provided to residents. Hence, in the calculation of fees for facilities identified to serve commercial and industrial development as well as

residential development, an estimated total of resident population and employment is as the service population.

Table I-1

EL CENTRO BUILDOUT*
POPULATION AND EMPLOYMENT PROJECTIONS

Population

Present	32,000
Increase	31,000
2010	63,000

Employment**

Present	14,000
Increase	13,560
2010	27,560

Population & Employment

Present	46,000
Increase	44,560
2010	90,560

* Includes infill capacity within city limits.

** Assumes employment rate of 43.75 percent of population.

This report uses an employment estimate of 43.75 percent of resident population. This percentage was derived from 1980 U.S. Census data for the City of El Centro.

(2) Facilities Needed Projections of facilities needed to accommodate growth are based on City standards, such as park area per person, or on standards with which the City must comply, as in wastewater treatment. Standards are important in defining both future requirements and in identifying deficiencies in facilities serving the existing City population. As noted above, the City may not adopt and implement (through fees) standards for growth which exceed implemented standards for the existing population, the City must budget to remedy any current deficiencies.

If any existing deficiencies are identified, or if new facilities or other capital expenditures are planned which will benefit both new and existing development, the allocation of facilities costs between existing City and growth shares must be based on an estimate of what proportion of the facilities will serve new development and what proportion will serve existing development.

The selection of standards is based on departmental recommendations, recommendations of the City Manager, and ultimately, the policy decisions of the City Council. In general, the standards selected are the level of service currently existing in El Centro. Identification of the facilities required to meet the standards for the current and added population has come from materials prepared by and extended interviews with staff of City departments planning and providing these facilities. The analysis of the facilities needed together with an estimate of their cost and an appropriate way to allocate that cost among new development is set forth in the remaining chapters of this report. Each type of service, e.g. libraries, has a separate chapter.

(3) Estimating Costs Facilities costs have been based on data from the City departments involved and have been refined

in discussion with these departments, the City Department of Finance, and the office of the City Manager. Cost figures are in terms of 1989 dollars. The actual costs will presumably be higher depending on the rate of inflation in the time the facilities are constructed. The total cost of facilities to accommodate growth, excluding costs for water and wastewater treatment (see below), is estimated to be \$28,440,000. The costs, determined as described in the following chapters, are summarized in Table I-2.

The large majority of these costs has no anticipated funding except for a development fee program. About \$3.7 million, or 13 percent of the total cost is needed for parks. The existing park dedication requirements would provide about two-thirds, about \$2.5 million, of this amount. The remaining costs, about \$26 million, have no anticipated sources of funding if development fees to do so are not adopted.

The cost for water and wastewater treatment facilities required to accommodate new development are not included in Table I-2. The cost for these facilities are available on file at the City Clerk's Office, as they were used in calculating the appropriate water and wastewater fees for a previously adopted City Resolution. These water and wastewater costs were estimated to accommodate new development only until 1996, and therefore not comparable to the other facility cost estimates shown in Table I-2.

(4) Allocating Costs Once the cost of facilities are appropriately (either entirely or proportionately) distributed to new development, the allocation of the cost of facilities to serve growth must also be distributed among different types of new development. For all facilities except streets, water and wastewater, residential population is used as the indicator of

Table I-2
FACILITIES COSTS OF GROWTH

<u>Facility type</u>	Total cost of capacity to serve El Centro growth from resident population 32,000 to 63,000 (Library, Parks, Recreational Facilities); and service population 46,000 to 90,560 (Police, Fire, Streets, Public Facilities, Fee Administration).
Library	\$ 3,910,000
Police	3,100,000
Fire	1,570,000
Streets	8,760,000
Parks	3,710,000
Recreational Facilities	2,850,000
Other Public Facilities	4,080,000
Fee Administration	<u>500,000</u>
Total	\$28,480,000

*Cost estimates based on equivalent value of existing facilities

need resulting from residential development and employment as the indicator of need resulting from non-residential development.

The fees for the various types of residential development are calculated in accordance with the average number of persons residing in each type of development. The following classifications for residential development are used as a basis for these cost allocations: single-family residential;

duplex/mobile home residential; and multi-family/apartment residential. These residential sub-categories are further divided by number of bedrooms. This process is described in more detail below.

Four other fees (police, fire, other public facilities and fee administration) are calculated for three categories of non-residential development distinguished by typical density of employment: office and other development with typical employment densities less than 400 square feet per employee; retail and other development with typical employment densities of between 400 and 600 square feet per employee; and manufacturing warehouse and other development with typical employment densities greater than 600 square feet per employee. This process is described in more detail below.

The fees for streets, water and wastewater are determined based on other categories which more accurately reflect service demands. These categories are also described in more detail below.

The development impact fees for most chapters in this study (Library, Police, Fire, Parks, Recreational/Cultural Facilities, Other Public Facilities, and Development Impact Fee Program Administration) are first derived on a per capita basis. The per capita fee is the cost of future facilities divided by the increased population to be served. Once this per capita amount is derived, fees for different types of land uses are then calculated according to the average number of residents per dwelling unit and employees per 1,000 square feet of building area (when applicable).

The three residential categories used to compute impact fees represent dwelling unit types which have different average

household sizes. City data indicate that the average number of residents associated with the three dwelling types are approximately as follows: single family, detached units - 3.5 residents; duplex or mobile homes - 3.0 residents; multi-family apartment or condominium (three or more dwelling units on a lot) - 2.5 residents. These resident per household estimates correspond to resident per household estimates currently used by the City in calculating sub-division (Quimby) park land exactions or in lieu fees.

However, for the purpose of imposing comprehensive impact fees the City Council wished to recognize that, although the average household size per category of residential dwelling unit was accurate, there is a strong correlation between the number of bedrooms and the household size in an individual housing unit. Hence, adjustment factors were applied within the residential categories according to the number of bedrooms. Table I-3 shows the average number of persons per residential type based on the City data (BASE), the adjustments for number of bedrooms when applicable, and the resulting average number of persons per housing unit adjusted by number of bedrooms.

The commercial land use categories represent a range of employment densities. For example, office uses, which include business and professional establishments, typically have a relatively high employment density (e.g. an average building space of 300 square feet or less per person, or 3.33 employees per 1,000 square feet). Retail businesses average about 500 square feet per employee (2.00 employees per 1,000 square feet of building). Industrial, warehousing, and storage uses typically average about 700 square feet per employee, or 1.4 employees per 1,000 square feet of constructed space.

Table I-3

PERSONS PER HOUSING UNIT
ADJUSTED BY NUMBER OF BEDROOMS

<u>Type of Residential Unit</u>	<u>Number of Bedrooms</u>	<u>Adjustment Factor</u>	<u>Persons Per Unit</u>
Single-family		BASE	3.5
	≤ 2 bedrooms	0.85	2.975
	3 bedrooms	0.95	3.325
	4 bedrooms	1.05	3.675
	5+ bedrooms	1.15	4.025
Duplex, Mobile Home	N/A	BASE	3.0
Multi-Family (Per Unit)		BASE	2.5
	1 bedrooms	0.80	2.00
	2 bedrooms	1.00	2.50
	3 bedrooms	1.20	3.00

As noted above, the development impact fees in two of the chapters, Streets and Water and Wastewater, are calculated differently. For these facilities there is accurate data on service needs for more detailed sets of land uses. This allows the fees to be more finely tuned to service needs. For example, the fees calculated in the Streets chapter are based on an estimate of the number of average daily trips (ADTs) generated by different types of development. This is fortunate because these types of facilities are very expensive compared to the other types of facilities for which the cost was allocated based on population and employment.

The fees and the supporting documentation of the fees for water and wastewater facilities were previously calculated in a separate effort. These fees are set forth in an existing City Resolution (Resolution No. 89-25). The Water and Wastewater chapter in this study incorporates the fee structure already set in the City Resolution. It should be noted that the fees in the

City Resolution, and hence in the Water and Wastewater chapter, are based on estimates of water and wastewater facilities usage by different types of land uses and on facility requirements only until 1996. The unit of measure is the usage by an average single-family dwelling, referred to as an equivalent dwelling unit (EDU). The City Resolution addresses more specific categories of land uses than are generally used in this study. Also, fees for water and wastewater facilities set forth in the City Resolution increase annually for several years until they reach the level that they cover all of the costs.

Table I-4 displays the development impact fees for each type of facility calculated for different types of land uses. Because of the differences in the fee calculations for water and wastewater facilities from the other chapters, the water and wastewater fees are excluded from the fees displayed in Table I-4. For applicable water and wastewater fees, the Water and Wastewater chapter should be referenced directly.

Table I-4
DEVELOPMENT IMPACT FEES*

RESIDENTIAL	LIBRARY	POLICE	FIRE	STREETS	PARKS	RECREATION	PUBLIC FACILITIES	ADMIN	TOTAL
Single Family:									
2 Bedroom	375	208	105	315	357	274	274	33	1,941
3 Bedroom	419	233	117	352	399	306	306	37	2,169
4 Bedroom	463	257	129	388	441	338	338	41	2,395
5 Bedroom	507	282	141	426	483	370	370	45	2,642
Duplex, Mobile Home	378	210	105	296	360	276	276	33	1,934
Multi-Family (per unit):									
1 Bedroom	252	140	70	178	240	184	184	22	1,270
2 Bedroom	315	175	88	222	300	230	230	28	1,588
3 Bedroom	378	210	106	266	360	276	276	34	1,906
COMMERCIAL - Per 1,000 sq. ft. (unless otherwise noted)									
Office	0	233	117	555	0	0	306	37	1,248
Retail:									
Supermarket	0	140	70	1,665	0	0	184	22	2,081
Convenience Store	0	140	70	5,994	0	0	184	22	6,410
Shopping Center	0	140	70	1,132	0	0	184	22	1,548
Other Retail/Service	0	140	70	1,332	0	0	184	22	1,748
Bank, S&L, Thrift	0	140	70	1,998	0	0	184	22	2,414
Restaurants:									
Sit Down	0	140	70	3,552	0	0	184	22	3,968
Fast Food	0	140	70	5,624	0	0	184	22	6,040
Motel/Hotel (Street Fee is Per Room)	0	140	70	259	0	0	184	22	675
Gas Station (Street Fee is Per Pump)	0	140	70	1,154	0	0	184	22	1,570
Industrial:									
Manufacturing	0	98	49	111	0	0	129	15	402
Non-manufacturing	0	98	49	518	0	0	129	15	809

*Excludes water and wastewater treatment fees.

LIBRARY

SERVICES AND FACILITIES

The El Centro Public Library has two facilities, a 14,066 square foot main library downtown and 1,200 square feet of dedicated space in the Community Center which serves as a branch library.

Services provided at the main library are more extensive than those services provided at the branch library. Services provided by the main library include: circulation of library materials to all patrons; reference service, including telephone "ready reference" service; audio visual services, including records, tapes, and videocassettes for children; book reservations; inter-library loan service; service to "shut-in" residents; access to "second level" reference services through the cooperative library system; talking books service for visually or physically handicapped patrons; and juvenile programming including class visits, school visits, story hours, movies, and craft programs. Services provided at the branch location include circulation services, basic reference services, and juvenile programming such as class visits and a summer reading program.

CURRENT CITY STANDARDS

As noted in the introduction, because library services in El Centro are used primarily by residents, not by users associated with commercial or industrial users, the cost of library facilities is allocated only to residents, not to employees. Under current conditions, 15,266 square feet of library space is provided to the 32,000 residents of El Centro, or 0.48 square feet of space per capita. The library's current collection of hardbound books includes approximately 65,000

volumes, or 2.0 volumes per capita. In addition there are a large number of paperback books, records, cassettes, videocassettes, etc.

LIBRARY FACILITIES AND MATERIALS NEEDED TO ACCOMMODATE NEW DEVELOPMENT AND THEIR COST

It is not known at this time what the future arrangement of library facilities will be. The possibilities identified include the development of a new larger main library or the addition of another branch library.

The City intends to maintain, as a minimum, its current level of library services. The current standard of 0.48 square feet of library space per capita is therefore used as the basis for planning future library space for fee calculation purposes. Using this standard, the city will require an additional 14,880 square feet of library space by the time the population increases to 63,000. Building costs are assumed to be \$125 a square foot, including construction and furnishings. The total building costs for new library space are thus \$1.86 million (14,880 square feet X \$125 per square foot = \$1,860,000.)

The 14,880 square feet of library space must occupy land area large enough to accommodate it along with parking, landscaping, etc.; it is likely that the building area could be no more than 30 percent of the land area. Land area of at least 49,600 square feet, or 1.14 acres will thus be required. Land costs for a site to accommodate 14,880 square feet of library space are estimated to be \$193,800 (1.14 acres X \$170,000 per acre = \$193,800). The total cost of library expansion to accommodate growth from new development is therefore \$2,053,800 (\$1,860,000 + \$193,800 = \$2,053,800).

In order to maintain the current city standard of 2.0 hardbound library books per resident, 62,000 new hardbound volumes must be purchased by the time the city population increases to 63,000. The supply of other lending and reference materials will also have to be increased. It is estimated that the average cost of a hardbound library book is \$20. The cost of additional materials that the El Centro library provides is approximately 50 percent more, or \$10 of additional materials for every one library book provided. The cost to provide an additional 62,000 hardbound books and other reference materials is thus \$1.86 million (62,000 X \$20 + 62,000 X \$10 = \$1,860,000).

FEES

As stated above, the total land and building costs associated with additional library facilities at the current standards is \$2,053,800. The per capita land and building costs for library space per new resident is thus \$66 ($\$2,053,800/31,000 = \66). The city must also provide for the acquisition of additional volumes. It was shown that the cost to furnish an additional 62,000 hardbound books and other library materials to accommodate an increase of population of 31,000 is \$1.86 million, or \$60 per capita ($\$1,860,000/31,000 = \60).

The total fee appropriate to provide library services for new development at current standards, including library space per capita and library volumes is thus \$126 per capita ($\$66 + \$60 = \126). Assuming that the average single family dwelling in El Centro houses 3.5 residents, the base cost to provide library space and library volumes per single family dwelling is \$441 ($\$126/\text{resident} \times 3.5 \text{ residents/single family dwelling} = \441).

Table L-1 shows the appropriate fees for the different categories and sub-categories (number of bedrooms) of residential land uses.

**Table L-1
LIBRARY
FEE SCHEDULE**

Per Capita Cost: \$126

Base Fees:

	<u>Residents/Unit</u>	<u>Fee</u>
Single-family	3.5	\$441
Duplex/Mobile Home	3.0	378
Multi-family	2.5	315

Adjusted Fees:

	<u>Bedroom Adjustment Factor</u>	<u>Adjusted Fee</u>
Single-family		
1-2 Bedroom	0.85	375
3 Bedroom	0.95	419
4 Bedroom	1.05	463
5+ Bedroom	1.15	507
Duplex/ Mobile Home	1.00	378
Multi-family		
1 Bedroom	0.80	252
2 Bedroom	1.00	315
3 Bedroom	1.20	378

POLICE DEPARTMENT

SERVICES AND FACILITIES

The El Centro Police Department provides police services of crime prevention and control to the citizens of El Centro. The police department operates out of a central station and currently has an authorized strength of 66 employees; 44 sworn police officers and 22 civilian employees. The department currently operates 28 vehicles, of which 11 are patrol cars, and will purchase three additional vehicles as part of this year's budget authorization for a total of 31 vehicles.

CURRENT CITY STANDARDS

Personnel

At present, the police department has the budget authorization for a total of 66 employees, or 1.43 total employees per one thousand service population (residents and employment population). (Excluding employment, this standard equates to 2.06 employees per 1,000 resident population.)

Building

The Police Department currently operates out of one central station. The station is 10,432 square feet, or approximately 158 square feet of gross space per employee. (Much of the space in the police department is used for specific uses such as holding cells and evidence storage which cannot otherwise be used by police personnel.)

Vehicles

The Police Department has 28 total vehicles, 11 patrol cars and 17 other vehicles. It has budget authorization to purchase three more vehicles during this fiscal year, for a total of 31 vehicles. With 66 total staff, this equates to a vehicle ratio of 2.1 staff per vehicle.

Parking

There are a total of 47 off-street parking spaces available to the Police Department at the existing site. When the three additional police vehicles are purchased, the Police Department will occupy a total of 31 parking spaces for the 31 official vehicles. The ratio for employee and public parking spaces in addition to 31 police vehicle spaces is 1.5 spaces for every 1,000 square feet of building space, or 16 additional spaces, for a total of 47 parking spaces.

FACILITIES NEEDED TO ACCOMMODATE NEW DEVELOPMENT AND THEIR COST

Building

The City intends to maintain, as a minimum, its current level of police department facilities. Maintaining the current city standard of 1.43 total Police Department employees per 1,000 service population, there will be 64 new civilian and sworn personnel to provide police service to the next 44,560 service population from new development. At the Department's current building standard of 158 square feet per employee, the square footage of police facilities needed will be 10,112 square feet in order to provide office, processing, and other police activity related space for the increased number of Police Department employees. There are no plans at this time as to where and how this space will be provided.

Because of the security and other features necessary in a police facility, station construction costs are significantly higher than for most buildings. Assuming building and furnishing costs of \$200 per square foot, the cost of a 10,112 square foot addition will be \$2,022,400 million (10,112 square feet X \$200 per square foot = \$2,022,400).

The necessary acreage for a structure of this size, including sufficient space for police vehicles, employee and visitor parking and landscaping is approximately four times the square footage of the building itself. In this case, the site would need to be 0.93 acres. The land costs are estimated at downtown land prices of \$170,000 per acre, as the most probable expansion of police facilities will be an expansion adjacent to or near the present site of the central police station, which is located downtown. Thus, the land cost associated with expansion of police facilities is \$158,100 (0.93 acres X \$170,000 per acre = \$158,100.)

The total cost to provide police facilities, including building construction and land, is \$2,180,500 (\$2,022,400 + \$158,100 = \$2,180,500).

Vehicles

As staff is added to the Police Department to accommodate growth over the next 20 years, there will be a need to add one vehicle for every 2.1 additional employees, or 30 new police vehicles. At an average cost to the department to purchase and equip a new vehicle in 1989 dollars of \$17,500, the total cost will be \$525,000.

Computers

Recent lease/purchase agreements for computer equipment (hardware only) used by the Police Department have averaged approximately

\$40,000 a year. This amount can be extrapolated to a cost of approximately \$800,000 over twenty years.

The upgrading of the Police Department computer system will benefit existing as well as new development. Consequently, the costs of the upgraded equipment should be shared proportionately between existing and new development. As the estimated increase in service population used in this study is 49 percent of the total service population projected for the city by the year 2010, the proportionate cost of the upgraded computer hardware attributable to new development is 49 percent of \$800,000, or \$392,000.

Parking

The space for police station parking required to accommodate new development is included in the calculated land area required for new building space.

FEES

Building

The total building and land costs associated with required police facilities to accommodate population and employment from new development is \$2,180,500. That amount divided by the expected service population increase from new development (44,560) yields a per capita fee of \$49 ($\$2,180,500/44,560 = \49).

Vehicles

The appropriate fee for new police vehicles is the total cost of the 30 new vehicles necessitated by new residential and commercial development (\$525,000) divided by the increase in service population, or \$12 per capita ($\$525,000/44,560 = \12).

Computers

The appropriate fee for Police Department computer hardware is \$9 per capita ($\$392,000/44,560 = \9).

Total Fee

The total fee for police facilities, vehicles, and computer equipment is \$70 per capita (of service population). Table P-1 shows the fees for different categories of residential and commercial land uses based on this per capita calculation.

**Table P-1
POLICE
FEE SCHEDULE**

Per Capita Cost: \$70

Residential

Base Fees:

	<u>Residential/ Unit</u>	<u>Fee</u>
Single-family	3.5	\$245
Duplex, Mobile Home	3.0	210
Multi-family	2.5	175

Adjusted Fees:

	<u>Bedroom Adjustment Factor</u>	<u>Adjusted Fee</u>
Single-family		
1-2 Bedroom	0.85	\$208
3 Bedroom	0.95	233
4 Bedroom	1.05	257
5+ Bedroom	1.15	282
Duplex/Mobile Home	1.00	210
Multi-family		
1 Bedroom	0.80	140
2 Bedroom	1.00	175
3 Bedroom	1.20	210

Commercial

	<u>Workers/ 1,000 Sq. Ft.</u>	<u>Fee</u>
Office	3.33	\$233
Retail:		
Supermarket	2.00	140
Convenience Store	2.00	140
Shopping Center	2.00	140
Other Retail/Service	2.00	140
Bank, S&L, Thrift	2.00	140
Restaurants:		
Sit Down	2.00	140
Fast Food	2.00	140
Motel/Hotel (Street Fee is Per Room)		140
Gas Station (Street Fee is Per Pump)		140
Industrial		
Manufacturing	1.40	98
Non-manufacturing	1.40	98

FIRE

SERVICES AND FACILITIES

The El Centro Fire Department provides fire suppression and fire prevention for the City and for some unincorporated areas of the County by contract. At least two engines respond to all structure fires. The Department also provides advanced emergency medical response to all emergency medical aid calls. Dispatch is handled through a joint Police-Fire dispatch center which receives all 9-1-1 calls.

The City has two general purpose fire stations. Station One, the central, downtown station, is 7,445 square feet in size. Station One staffs one attack engine (4 personnel), one pump engine (2 personnel) and one squad engine. Station One also has an older engine which is used as a reserve engine truck and a reserve ladder. (The Fire Department cannot use reserve vehicles, other than as temporary replacements, without calling in off-duty fire fighters to operate them). Fire Department administration is handled out of Station One.

Station Two is approximately 5,500 square feet in size. It is located in a metal building which is finished on the inside. Station Two has one attack engine and one reserve ladder truck equipped with a "snorkel" apparatus. The Fire Marshall, who handles inspections and fire prevention programs, works out of an administrative office located in Station 2.

The El Centro Fire Department also provides emergency medical response. However, it does not transport medical patients. The transport of patients is the responsibility of Imperial County.

CURRENT CITY STANDARDS

The City has two existing fire stations. As fire department services are provided to both residential and commercial properties, the El Centro Fire Department serves a residential population of 32,000 and an estimated employment population of 14,000, or a total service population of 46,000 (excluding contractual service outside of the city limits). In general, the location of the two fire stations are adequate to provide acceptable response time to all areas of the City at the City's current size.

Another way to assess the current City standard for fire protection is by the amount of major fire fighting equipment, including engines, presently available. The current fire engines and other major equipment and their approximate replacement costs are shown in Table F-1 below:

Table F-1

<u>Equipment</u>	<u>Estimated Replacement Cost</u>
Station 1	
1 Attack Engine	\$250,000
1 Squad Engine	150,000
1 Pump Engine	160,000
1 Reserve Attack Engine	100,000*
1 Mobil Air Unit (Breathing Apparatus)	15,000
Station 2	
1 Attack Engine	250,000
1 Reserve Ladder Truck	100,000*

* Reflects the replacement cost of significantly used equipment.

It should be noted that the existing Station 2 was originally designed and constructed as a temporary station. Because of its temporary nature, this structure may require substantial refurbishment in the future. The costs associated with the refurbishment or reconstruction of Station 2 would be entirely the responsibility of existing population and cannot be attributed to new development.

FACILITIES NEEDED TO ACCOMMODATE NEW GROWTH AND THEIR COST

The City must provide fire protection and prevention to El Centro as the City increases in size, population and employment due to new development. The construction of two satellite stations in geographical diverse areas of the City is the most direct way that the City could satisfy this requirement. Hence, this study calculates fees based on the addition of two satellite stations.

Two Satellite Stations

Two fire stations currently provide service for the 46,000 service population of El Centro. In order to provide fire protection and prevention for the next 44,560 service population (residents and employees), two more fire stations will be required. Hence, the need for the two additional stations will be entirely attributable to new development and development fees should be imposed at the level to provide the two satellite stations. (It should be noted that the two stations would be smaller than the average of the two existing stations and not designed to include additional administrative space; hence the term "satellite.")

In order to assure adequate geographical coverage of the expanded city limits, one of these fire stations should be located in the

northwest area of the City and the other station in the southern area of the City. Currently, the railroad limits east-west access across the City and Interstate 8 constrains north-south access in the City to a few bridges. These constraints, while currently acceptable, will be accentuated as new development occurs in portions of the City previously with minimal development. Estimated costs for two stations (Stations 3 and 4) are presented below.

Station 3:

Land - Approximately 0.5 acres at \$30,000 per acre	\$ 15,000
Building - 4,400 square feet at \$100 per square foot	440,000
Furnishings and Staff Equipment - \$30,000 per station	30,000
Vehicles - 1 pump/ladder truck combination	<u>300,000</u>
Total Station 3	\$785,000

Station 4:

Land - Approximately 0.5 acres at \$30,000 per acre	\$ 15,000
Building - 4,400 square feet at \$100 per square foot	440,000
Furnishings and Staff Equipment - \$30,000 per station	30,000
Vehicles - 1 pump/ladder truck combination	<u>300,000</u>
Total Station 4	\$ 785,000

Total - Two Satellite Stations \$1.57 million

Potential Alternative

The City Council may also wish to consider a plan by which the existing Central Station (Station 1) is relocated to a location northwest of its present location, a third station is constructed south of the freeway, and Station 2 is either extensively refurbished or rebuilt in approximately the same location. This alternative plan would also achieve geographical coverage of the City. Should the City Council adopt such an alternative plan at a future date, the costs attributable to new development may not exceed the costs of the construction of two satellite stations identified in this study as sufficient to accommodate the increased service population from new development and the projected fee would not exceed the fee as calculated in this report.

FEES

Development fees should be charged at a rate sufficient to pay for two new satellite fire stations. The total cost of two satellite stations, divided by the increased service population from new development equates to a per capita fee (of service population) of \$35 ($\$1,570,000/44,560 = \35).

**Table F-1
FIRE FEE SCHEDULE**

Per Capita Cost: \$35

Residential

Base Fees:

	<u>Residential/ Unit</u>	<u>Fee</u>
Single-family	3.5	\$123
Duplex, Mobile Home	3.0	105
Multi-family	2.5	88

Adjusted Fees:

	<u>Bedroom Adjustment Factor</u>	<u>Adjusted Fee</u>
Single-family		
1-2 Bedroom	0.85	\$105
3 Bedroom	0.95	117
4 Bedroom	1.05	129
5+ Bedroom	1.15	141
Duplex/Mobile Home	1.00	105
Multi-family		
1 Bedroom	0.80	70
2 Bedroom	1.00	88
3 Bedroom	1.20	106

Commercial

	<u>Workers/ 1,000 Sq. Ft.</u>	<u>Fee</u>
Office	3.33	\$117
Retail:		
Supermarket	2.00	70
Convenience Store	2.00	70
Shopping Center	2.00	70
Other Retail/Service	2.00	70
Bank, S&L, Thrift	2.00	70
Restaurants:		
Sit Down	2.00	70
Fast Food	2.00	70
Motel/Hotel (Street Fee is Per Room)		70
Gas Station (Street Fee is Per Pump)		70
Industrial		
Manufacturing	1.40	49
Non-manufacturing	1.40	49

STREETS

SERVICES AND FACILITIES

The City of El Centro is responsible for the large majority of roadways, including bridges, and intersections, including traffic signals, within the city limits. State agencies are partially responsible for some other streets.

CURRENT TRAFFIC MITIGATION PROCEDURES

The City generally requires agreements with individual subdivision developers calling for them to construct needed street facilities, particularly residential streets within and feeder streets directly adjacent to new subdivisions. Typically, the developers of subdivisions must construct all roadways within their subdivision developments as well as one lane of feeder streets directly adjacent to their developments.

These agreements have partially mitigated the effects of traffic from new subdivision development on streets immediately adjacent to new subdivision developments. However, they fall short of completely mitigating the effect of increased traffic flow from new developments because they do not account for impacts not adjacent to the subdivision. A development fee based on the cost of facilities to accommodate citywide traffic is a logical option for funding such improvements.

FACILITIES NEEDED TO ACCOMMODATE NEW DEVELOPMENT AND THEIR COST

An important consequence of new development is the compounding effects of increased traffic from new development on the entire El Centro roadway system. Under the current City mechanisms, no fees are being collected towards the cost of new streets or the improvement of existing streets (e.g., widening, intersection improvements, bridges) to provide increased street capacity which will be required because of the increase in traffic from new development in El Centro.

The list below identifies the street improvements, and their costs, which will be necessitated by the traffic associated with projected residential, commercial and industrial development.

I. WIDENING OF EXISTING STREETS

1.	Ross Avenue-4th to 8th Street to Imperial Avenue	
	a) 4th to 8th Street	\$ 320,000
	b) 8th to Imperial	100,000
2.	Ross Avenue-Hope Ave. to 4th St.	450,000
3.	Dogwood Road-McCabe to Ross & Main to Central Drain	
	a) McCabe to Ross	735,000
	b) Main to Central Drain	300,000
4.	La Brucherie Road-McCabe to Ross and Orange to Central Drain	
	a) McCabe to Ross	200,000
	b) Orange to Central Drain	300,000
5.	Villa Rd.-4th St. to Dogwood Rd.	400,000
6.	Vine St.-4th St. to 7th St.	80,000
7.	Commercial Ave.-3rd to Dogwood	190,000
8.	6th St.-Adams Ave. to Villa Rd.	120,000

I. WIDENING OF EXISTING STREETS (CONTINUED)		
9.	8th St.-McCabe to I-8	400,000
10.	Main Street-Waterman to La Brucherie	<u>125,000</u>
	Subtotal Street Widening	\$3,720,000
II. NEW BRIDGES		
1.	Villa Ave. at RxR	\$1,000,000
2.	2nd Bridge across I-8 at Imperial Ave.	1,000,000
3.	2nd Bridge across I-8 at Dogwood Road	<u>1,000,000</u>
	Subtotal Bridges	\$3,000,000
III. NEW TRAFFIC SIGNALS		
1.	Dogwood and Ross	\$ -0- *
2.	Dogwood and Villa	50,000
3.	Waterman and Ross	100,000
4.	6th and Adams	100,000
5.	Ocotillo and La Brucherie	100,000
6.	Ross and La Brucherie	100,000
7.	Main and La Brucherie	100,000
8.	Villa and La Brucherie	33,300
9.	8th and Villa	25,000
10.	Wake and Imperial	<u>100,000</u>
	Subtotal - Signals	\$ 708,300
* Federal Aid to Urban Areas (FAU) grant to pay 100%		
IV. NEW STREET PAVING		
1.	Villa Road-4th to Hwy 86	\$1,300,000
2.	14th St.-Broadway to Commercial	<u>35,000</u>
	Subtotal - New Paving	\$1,335,000
TOTAL: STREET IMPROVEMENTS		\$8,763,300

APPORTIONMENT OF STREET IMPROVEMENTS AMONG NEW DEVELOPMENT

Different types of development generate different amounts of traffic. The usual method used to account for the impact of different types of development upon a city's system of streets is by an analysis of the average "trip generation" associated with different types of development. (A brief explanation of trip generation is provided below.) The costs of the street improvements necessary to offset the impact of traffic from different development types can then be divided according to the number of trips typically associated with different types of residential and commercial development.

Trip Generation

In traffic engineering, a "trip" (or "tripend") count includes both ends of the journey, or a count of both the departure point and the destination point (and technically, any stops at points in between). For example, a daily commute trip to work in the morning would yield a trip count of two; one for the residence end and one for the employment end. This definition provides an appropriate means for estimating the impact of different types of development upon traffic because, again using the example, work trips are not generated solely by residences nor by work location, but rather by the movement between residence and workplace. Therefore, both residential and non-residential space is considered responsible for traffic generation and should participate in the costs of needed street improvements.

Trip Generation Rates

Trip rate averages are typically described in terms of daily trip rates per dwelling unit of residential uses (single family residences, apartment units), per room (motels, hotels), and per

acre or per 1,000 square feet of commercial and industrial uses. Occasionally trip generations are estimated in terms of special uses (i.e., trips per gas station, or trips per gas station pump).

The average daily trip (ADT) estimates for different types of commercial and residential development used in this report are based on several sources including the 16TH Progress Report On Trip Ends Generation Research Counts published by Caltrans (California Department of Transportation) and a study of the traffic generation of actual commercial and industrial developments within Imperial County published by the San Diego Association of Governments (SANDAG) and the Fourth Edition of Trip Generation published by the Institute of Transportation Engineers.

Based on the above sources, this report assumes 10 ADT for single-family residences and eight ADT for low density, multi-family housing such as is typical in El Centro. Although at present there is no projected acreage for higher density housing identified in the *El Centro General Plan (General Plan) Phase I* development area, the ADT for higher density housing is included in the event such development occurs. The residential ADTs used in this report are shown in Table 1 below.

Table S-1

ESTIMATED AVERAGE DAILY TRIPS (ADT)
FOR NEW RESIDENTIAL DEVELOPMENT IN EL CENTRO

<u>Land Use</u>	<u>Average Daily Trips (ADT)</u>
Residential	
Single-family	10/unit
Low density, multi-family	8/unit
High density, multi family	6/unit

Projected Residential Trips

It is estimated that approximately 9,000 housing units will be built in order to accommodate a population increase in the magnitude of 31,000 new residents. Based on the percentage of multi-family to single-family housing units used in the *General Plan* estimates of housing units within Phase I development, approximately 290 of these 9,000 units can be expected to be low density, multi-family units. Using the ADTs for single-family and low density, multi-family residential units, shown in Table S-1 above, approximately 89,420 daily trips will be generated by new residential development to accommodate an increase in population of 31,000 residents (Table S-2).

Table S-2
ESTIMATED RESIDENTIAL TRIPS

<u>Land Use</u>	<u>Units</u>	<u>ADT</u>	<u>Trips Generated</u>
Single-family	8,710	10	87,100
Low density, multi-family	290	8	2,320
TOTAL TRIPS GENERATED			89,420

Ratio of Residential and Commercial/Industrial Trips to Total Trips Generated

A ratio of residential trip generation to total trip generation, and thus to commercial/industrial trip generation, was derived based on a number of factors. These factors included typical traffic generation ratios for cities the approximate size and population of El Centro, the approximate trip ratios of neighboring cities, El Centro's role as a regional commercial center, and El Centro's location adjacent to Interstate 8. Considering these factors, it is estimated that the ratio of

residential trip generation to total trip generation is 35 percent. Hence, commercial and industrial trip generation is assumed to be 65 per of total trip generation.

Total Trips Generated

It was estimated above that 89,420 residential trips will be generated per day associated with new development (Table S-2). Assuming the number residential trips (89,420 ADTs) is 35 percent of the total ADTs associated with new development, the total number of ADTs associated with new development is 255,500 ($89,420/0.35 = 255,500$). However, some land uses have a large share of (1) short trips or (2) trips which are actually stops on longer trips. Consequently, an adjustment factor is appropriate for the rates of ADTs for some of the commercial land uses. It is also appropriate to adjust the industrial trips upward to reflect their greater impact on street facilities. These adjustments are shown in detail below (Table S-3). It is calculated that the adjustments result in a reduction of eight percent in the total number of trips. The net number of trips among which the cost is spread is thus 235,100.

FEES

The total cost of street improvements which will be necessitated by new development is estimated to be \$8,763,300. This amount divided by the estimated ADTs associated with new development yields a per trip cost of \$37 ($\$8,763,300/235,100 \text{ ADTs} = \37).

The streets fees for residential and commercial and industrial land uses are derived by multiplying the per trip cost by the number of ADTs associated with each type of land use. For example, from Table S-1, a typical single-family residence generates 10 ADTs and a typical low density, multi-family

density, multi-family residential unit generates 8 ADTs. Hence the base fees for these residential land uses are \$370 and \$296 per unit, respectively. These amounts are then adjusted by the appropriate factor based on number of bedrooms.

The ADTs for commercial and industrial uses, however, are more specific to the particular type of land use. Hence, Table S-3 displays fees for commercial and industrial uses under several more specific categories. Most fees are calculated per 1,000 square feet; a few are calculated in terms of specific characteristics of the land use (i.e., hotels - per room; gas stations - per pump). As discussed above, the trip generation rates for some commercial land uses are appropriately adjusted to reflect short trips and trips which are actually stops on longer trips.

The fees for residential, commercial and industrial land uses are shown in Table S-3.

Table S-3
STREETS FEE SCHEDULE

Per ADT (Average Daily Trip) Cost: \$37

<u>Base Fees:</u>	<u>Residential</u> ADTs/ Unit	<u>Adjust.</u> Factor	<u>Fee Unit</u>
Single-family	10	N/A	\$ 370
Low Density, multi-family	8	N/A	296
High Density, multi-family	6	N/A	222

Adjusted Fees:

Single-family			
1-2 Bedroom		0.85	\$ 315
3 Bedroom		0.95	352
4 Bedroom		1.05	388
5 Bedroom		1.15	426
Duplex, Mobile Home		1.00	296
Multi-family			
1 Bedroom		0.80	178
2 Bedroom		1.00	222
3 Bedroom		1.20	266

Commercial

	<u>ADTS/</u> <u>1,000 SF</u>	<u>Adjust.</u> <u>Factor</u>	<u>Fee/</u> <u>1,000 SF</u>
Office	15	1.00	\$ 555
Retail			
Supermarket	125	0.36	1,655
Convenience Store	900	0.18	5,994
Shopping Center	85	0.36	1,132
Other Retail/Service	100	0.36	1,332
Bank, S&L, Thrift	150	0.36	1,998
Restaurants			
Sit Down	150	0.64	3,552
Fast Food	800	0.19	5,624
Motel/Hotel (per room)	7	1.00	259
Gas Station (per pump)	130	0.24	1,154

Industrial

Manufacturing (from raw materials)	1.5	2.00	111
Non-manufacturing (assembly, warehousing)	7	2.00	518

WATER AND WASTEWATER

SERVICES AND FACILITIES

The El Centro Public Works Department provides water treatment and distribution and wastewater collection and treatment.

Water

The water treatment facility was built in 1957. It is located on 40 acres south of the city. An adjacent 40 acres is available for future expansion of the water treatment facility. The city has approximately 90 miles of waterlines, ranging in size from 4-inch to 30-inch diameter, the predominant sizes being 6-inch, 8-inch, 12-inch, and 18-inch.

Wastewater

The El Centro wastewater treatment facility was also originally constructed in 1957. The facility was expanded to a secondary plant in 1974. The facility has a capacity of 5 MGD (million gallons per day) and is currently operating near capacity. The wastewater treatment facility is located on 80 acres northwest of El Centro. The wastewater collection system has approximately 80 miles of pipes ranging in size from 6-inch to 30-inch diameter, with the predominant size being 8-inch.

CURRENT CITY STANDARDS

Water

The water treatment facility is rated at 17 MGD capacity, utilizing clarification, filtration, and chlorination processes.

Wastewater

Standards for wastewater treatment are not a matter of city discretion, but are prescribed by federal law. Implementation is monitored by the U.S. Environmental Protection Agency and the State, through Regional Water Quality Boards. The El Centro wastewater treatment facility has a capacity of 5 MGD and is currently operating near capacity.

FEES CURRENTLY IMPLEMENTED

In order to provide increased capacity necessary for new development, the City adopted a water/wastewater capacity fee program in 1982. This program was updated in 1988.

Since 1982, new residential and non-residential development in El Centro has been charged a water/wastewater capacity fee based on an Equivalent Dwelling Unit (EDU, defined as a wastewater flow of 353 gallons per day per unit) schedule. The 1989 EDU fee determinations for different categories of new development, as adopted in City Resolution No. 89-25, are shown below.

<u>Occupancy</u>	<u>EDU</u>
1. Single Family Home	1.00 EDU/Unit
2. Duplex, Triplex or Apts.	1 bedroom = 0.6 EDU 2 bedrooms = 0.7 EDU 3 bedrooms = 1.0 EDU Thereafter, each bedroom equals 0.25 EDU.
3. Motels, Hotels, Auto Courts	Unit w/kitchen = 0.55 EDU Unit w/o kitchen = 0.33 EDU
4. Townhouse, Condominium	1.00 EDU/Unit
5. Trailer, Mobile Home Park	1.00 EDU/Space

6. Churches	1.33 EDU per each 150 seating capacity
7. Theaters, Auditoriums	1.50 EDU per each 150 seating capacity
8. Restaurant, Cafe, Bar	2.67 EDU w/no seating 1.00 EDU per each 7 seats
9. Automotive Service Station	2.00 EDU - 4 pumps or less 3.00 EDU - more than 4 pumps
10. Self Service Laundry	0.75 EDU each washer
11. Commercial Laundry including dry cleaners	2.00 EDU per each 1,000 sq.ft. of building
12. Car Washes	1.00 EDU per 2 stalls in self service
13. Hospitals, Convalescent Homes	1.00 EDU per each 4 beds
14. Laboratories	2.00 EDU per each 1,000 sq.ft. of building
15. RV Parks	0.60 EDU/space (buildings separate) subject to no dumping of RV units of holding tanks in city sewer
16. Schools, Public or Private: Elementary	1.00 EDU per 60 pupils
Junior High	1.00 EDU per 50 pupils
High School	1.00 EDU per 30 pupils
17. Photo Development Shops	1.00 EDU per 500 sq.ft. of building
18. Stores, Offices	1.00 EDU per any building with 2,000 sq.ft. or less 1.00 EDU for the first 2,000 sq.ft. plus 0.50 EDU for each 1,000 sq.ft. thereafter

19. Industrial	1.00 EDU for buildings, other than warehouse, for the first 2,000 sq.ft., plus 0.50 EDU for each 1,000 sq.ft. thereafter
	1.00 EDU for warehouses for the first 10,000 sq.ft. plus 0.50 for each 10,000 sq.ft. thereafter
20. Printing Shops	1.00 EDU per 500 sq.ft. of building
21. Newspaper Printing	1.00 EDU per 1,000 sq.ft. of building

The corresponding water and wastewater capacity fees per EDU approved by the City Council in April, 1989 are shown below.

Present to June 30, 1990:	\$1,232.00
July 1, 1990 to June 30, 1991:	\$1,654.00
July 1, 1991 and thereafter	\$2,077.00

The documentation supporting these fees is currently on file and can be viewed at the City Clerk's office.

PARKS

SERVICES AND FACILITIES

The City of El Centro owns 80.77 acres of park land. All but 6.66 acres of recently acquired park land (Gomez Park and Sandalwood Park) is currently improved to some degree. Approximately half of El Centro's park land is in parks classified as neighborhood parks (serving 3,000 to 6,000 residents, 3 to 10 acres in size) and half of the City's park land is in two, larger, community parks (serving 15,000 to 30,000 residents, 20 to 50 acres in size). The City also owns three small parks which are less than three acres in size each, and totalling 4.5 acres. (For the purposes of this report 2.35 acres of the 9.3 acre Adams Park has been excluded from park land and is included as part of the plunge under recreational/cultural facilities.)

CURRENT CITY STANDARDS

At present the City owns 80.77 acres of park land, or approximately 2.52 acres per 1,000 residents. Of this park land, 74.11, or 2.32 acres per 1,000 residents, are currently improved.

In its 1989-1990 budget, the City has committed to spending over \$300,000 for the purchase and improvement of additional park land. Most of the funds for these expenditures are available from unspent in lieu park fees (collected through the existing subdivision ordinance mechanism). The remainder of the budgeted funds are available because of a state grant. In other words, the City has already committed adequate funds to improve the 6.66 acres of currently unimproved park land that the City already owns, as well as purchasing and improving the equivalent of 4.44

additional acres of park land. Hence, the current city standard can be considered to be 2.66 acres of improved park land per 1,000 residents. (74.11 acres + 6.66 acres + 4.44 acres = 85.21 acres/32,000 population = 2.66 acres improved park land/1,000 residents.)

COST OF FACILITIES NEEDED TO ACCOMMODATE NEW DEVELOPMENT

To maintain the effective city standard of 2.66 acres of improved park land per 1,000 residents, the equivalent of 82.46 acres of park land will have to be purchased and improved to accommodate new development.

Park land is typically purchased at the periphery of the city, in proximity of the new development. The average cost per acre of such land in El Centro is estimated to be \$30,000. The cost to purchase 82.46 additional acres of park land is thus \$2,473,800 (82.46 acres X \$30,000 per acre = \$2,473,800). The average cost of improvements for neighborhood and community parks is \$15,000 per acre. Hence, it will cost \$1,236,900 to improve 82.46 acres of park land (82.46 acres X \$15,000 per acre = \$1,236,900).

FEES

The total cost to purchase and improve 82.46 acres of parks to serve an increase in population of 31,000 at the standard of 2.66 acres per 1,000 residents is \$3,710,700. The appropriate fee is therefore \$120 per capita for park land purchase and park land improvements ($\$3,710,700/31,000 = \120).

The corresponding fee schedule for different types of residential land uses is shown in Table Pk-1.

Table Pk-1
PARK LAND - PURCHASE AND IMPROVEMENTS
FEE SCHEDULE

Per Capita Cost: \$120

Base Fees:

	<u>Residents/Unit</u>	<u>Fee</u>
Single-family	3.5	\$420
Duplex/Mobile Home	3.0	360
Multi-family	2.5	300

Adjusted Fees:

	<u>Bedroom Adjustment Factor</u>	<u>Adjusted Fee</u>
Single-family		
1-2 Bedroom	0.85	\$357
3 Bedroom	0.95	399
4 Bedroom	1.05	441
5+ Bedroom	1.15	483
Duplex/ Mobile Home	1.00	360
Multi-family		
1 Bedroom	0.80	240
2 Bedroom	1.00	300
3 Bedroom	1.20	360

**FEES IN RELATION TO EXISTING SUBDIVISION ORDINANCE (QUIMBY ACT)
EXACTIONS**

The City of El Centro Subdivision Ordinance, based on the provisions of the Quimby Act, currently requires residential developers to donate undeveloped land or pay an in lieu fee in the equivalent of 3.0 acres per every 1,000 residents. Because it does not account for cost of park improvements, this existing mechanism provides park land and park improvements at a level

below the current city standards of 2.66 acres of improved park land per 1,000 residents.

The City may choose to maintain the option of receiving undeveloped land donations (where the land is a suitable parksite) in accordance with Quimby Act provisions. However, the value of the donated land should be credited against the appropriate category of park land development impact fees as calculated in this chapter. The difference in the value of the donated land and the total applicable park land fee amount will be collected in fees.

For example, if a developer builds 500, 3 bedroom, single-family dwelling (SFD) units the applicable development impact fee for park land is \$199,500 (500 SFDs X \$420/SFD = \$199,500). Using the average cost to purchase park land in El Centro of \$30,000 per acre, the credit for park land donation would be \$180,000 (6.0 acres X \$30,000 per acre = \$180,000). The remaining development fee to be paid in addition to the land donation is \$19,500 (\$199,500 - \$180,000 = \$19,500).

RECREATIONAL/CULTURAL FACILITIES

SERVICES AND FACILITIES

Community Center

The Parks and Recreation Department utilizes 12,800 square feet of the 14,000 square foot El Centro Community Center. (1,200 square feet of the Community Center is dedicated to the El Centro Library and serves as a branch library.) The Community Center is located on its own 2.7 acre site (1.5 acres of which is park land included in the Parks chapter).

The Community Center provides the space for a variety of recreational, social, cultural, health and social service activities in the community including the facilities for the Head Start childcare center and a variety of health and social service clinics administered by Imperial County. The Parks and Recreation Department has its administrative offices in the Community Center. The Community Center also provides some office space for the County Department of Human Services.

In addition to the Community Center building, the Community Center includes a large playground area, a 30 foot by 60 foot shade structure with picnic tables and barbecues, and a lighted basketball court. A separate fenced play area with playground equipment and a shade structure is used by the Head Start preschool program.

Owen T. Nelson Plunge

The Owen T. Nelson Plunge (swimming pool) complex is located on 2.35 acres of land (in Adams Park). The main plunge, or pool, is "L" shaped and is 5,371 square feet in surface area. There is also a 1,290 square foot "baby" pool designed for use by younger

children. In addition to the pools, the plunge complex includes shower facilities and pool office space.

Old Post Office

In 1984 the City acquired the old post office building for \$300,000. The City plans to rehabilitate this building, a structure listed on the National Register of Historic Places, and use it for a small theater and cultural arts center. The City has also obtained \$900,000 in state grants with which to refurbish the structure.

CURRENT CITY STANDARDS

Community Center

The one Community Center, described above, serves the existing 32,000 residents of El Centro. The Community Center is currently fully utilized, with events being scheduled at least a year in advance in all instances.

Owen T. Nelson Plunge

Use of the plunge is currently also at capacity during the summer months, the period of heaviest pool usage.

FACILITIES NEEDED TO ACCOMMODATE NEW DEVELOPMENT AND THEIR COST

Rather than constructing other recreational/cultural facilities identical in function to the existing Community Center, plunge, and old post office to accommodate new population, the City may elect to build other types of facilities to widen the variety of recreational and cultural activities available in El Centro. The Parks and Recreation Department has identified on previous occasions in its long-term planning efforts additional facilities

which it would like to construct in order to better serve the recreational needs of the growing El Centro community. Several of these proposed facilities, as well as others, are noted at the end of this chapter. However, these items are presented only as tentative plans of recreational/cultural facilities that the City may decide to build to accommodate its future residents. As no definite plans to build specific recreational/cultural facilities have been made at this time, the cost estimates are provided for information only. The City intends to solicit citizen input and then to develop more definitive plans for recreational/cultural facilities.

FEES

As mentioned above, the City has not yet made specific plans as to additional recreational/cultural facilities it will provide to accommodate its future population. It would not serve to increase the variety of recreational and cultural activities for El Centro residents to merely duplicate the existing facilities. The City will best serve the interests of its residents by providing some enhancement of existing facilities or entirely new types of facilities with the funds collected from new development.

Hence, in this chapter only, the per capita (resident) fee for recreational/cultural facilities is based on the estimated comparable replacement value of the City's existing recreational/cultural facilities divided by the existing population which they serve. It should be noted, however, that the calculated fees assigned to new development do not exceed the equivalent fee value were the City to duplicate the present facilities which serve the existing population to serve future residents from new development.

Community Center

The estimated comparable replacement value of the existing 12,800 square feet of the Community Center, assuming construction costs of \$90 a square foot is \$1.152 million (12,800 sq.ft. X \$90/sq. ft. = \$1,152,000). The Community Center is located on 1.2 acres of land (on a 2.7 acre site of which 1.5 acres are included as park land in the Parks chapter). At \$30,000 an acre, the value of the land is \$36,000 (1.2 acres X \$30,000/acre = \$36,000). The total cost of the Community Center, including land, is \$1.188 million (\$1,152,000 + \$36,000 = \$1,188,000).

Owen T. Nelson Plunge

The value of the Owen T. Nelson Plunge and facilities, based on a local comparable, is estimated at \$500,000. The plunge complex is located on 2.35 acres of land. Assuming a cost of \$30,000 an acre, the value of the land is \$70,500 (2.35 acres X \$30,000/acre = \$70,500). The total value of the plunge facility is thus estimated to be \$570,500 (\$500,000 + \$70,500 = \$570,500).

Old Post Office

The old post office is valued at \$1.2 million, including its acquisition cost (\$300,000) and the state grants for its rehabilitation into a small theater and cultural center (\$900,000).

Total Value Per Capita

The total value of the existing recreational/cultural facilities is thus estimated at \$2,958,500. Consequently, a recreational facilities fee of \$92 per capita is supported by the present standard. This amount is equivalent to the City's current per capita investment in recreational and cultural facilities presently serving the existing population (\$2,958,500/32,000 existing population = \$92).

Fees Per Capita

The value of existing recreational facilities is \$92. This represents the City's current investment in recreational facilities divided by the current population. Based on this current per capita investment, the City is justified in assessing the fee equivalent of \$92 per capita on future population from new development. The equivalent value of fees collected from recreational facilities at this per capita value is \$2,852,000 (\$92 X 31,000 future population = \$2,852,000).

The corresponding recreational/cultural facilities fee schedule for different types of residential land uses is presented in Table R-1.

Table R-1
RECREATIONAL/CULTURAL FACILITIES
FEE SCHEDULE

Per Capita Cost: \$92

Base Fees:

	<u>Residents/Unit</u>	<u>Fee</u>
Single-family	3.5	\$322
Duplex/Mobile Home	3.0	276
Multi-family	2.5	230

Adjusted Fees:

	<u>Bedroom Adjustment Factor</u>	<u>Adjusted Fee</u>
Single-family		
1-2 Bedroom	0.85	274
3 Bedroom	0.95	306
4 Bedroom	1.05	338
5+ Bedroom	1.15	370
Duplex/ Mobile Home	1.00	276
Multi-family		
1 Bedroom	0.80	184
2 Bedroom	1.00	230
3 Bedroom	1.20	276

TENTATIVELY IDENTIFIED FUTURE RECREATIONAL/CULTURAL FACILITIES

Community Center Expansion

The addition of 1,000 square feet to the existing Community Center would provide for approximately seven new office spaces which would be immediately filled by Parks and Recreation Department staff members and by other organizations using the Community Center (such as the County Department of Human Services and the County Health Department) who would benefit from office space. The approximate cost of this expansion would be \$90,000 assuming building costs of \$90 per square foot (1,000 sq. ft. X \$90/sq.ft. = \$90,000). No additional land would be required as the expansion would take place on the existing site.

Gymnasium/Multi-Use Complex

A gymnasium/multi-use activities complex has been discussed in the past as a potentially desired facility. Suggested by the Recreation Department is a facility which would include a main floor gymnasium area, rostrums, lockers, showers, weight room, a dance and exercise room, and a karate/boxing room. A recently completed comparable 12,000 square foot gymnasium was constructed in a nearby city at a cost of \$650,000 (excluding land costs.)

Solar Heating

The installation of a solar heating system would enable the existing Owen T. Nelson Plunge to be fully utilized on a year-round basis. The approximate cost to add solar heating to this facility is \$20,000.

Golf Course

The City of El Centro does not presently have either a municipal or a private golf course. A full, 18-hole golf course requires at least 160 acres of land. Unsewered, unincorporated county land could be acquired for approximately \$5,000 per acre, or

\$800,000 for 160 acres. It is estimated that the cost of other related golf course facilities and infrastructure (rostrums, snack shops, roads) would bring the cost of a municipal golf course to approximately \$2.0 million.

OTHER PUBLIC FACILITIES

This chapter discusses City owned public facilities not covered in other sections of this report. The public facilities considered in this chapter are: City Hall; the City corporation yard; and City owned public parking lots. For the purposes of this study, it is considered that all of the public facilities in this chapter serve residential, commercial, and industrial users within the City (the service population).

SERVICES AND FACILITIES

City Hall

The building space, equipment, and parking needs of the El Centro City administration are currently located in, or soon to be relocated to, City Hall. All of the City administration and the City Council Chambers are located in the existing City Hall structure. The City Attorney's office is presently located in a leased space.

City Corporation Yard

The City corporation yard is used for storage and maintenance for City owned vehicles and equipment.

City Parking Lots

The City currently owns and maintains seven (six paved and one unpaved) public parking lots in downtown El Centro.

CURRENT CITY STANDARDS

City Hall

The existing City Hall is approximately 10,700 square feet. In addition, the City Council Chambers are approximately 2,600

square feet. The leased space used by the City Attorney's office is approximately 1,500 square feet. Thus, approximately 16,800 square feet is being used to house the City government (excluding police, fire, library and other departments discussed in earlier chapters) for a service population of 46,000.

City Corporation Yard

The existing City corporation yard is located on a 2.31 acre site. The City has recently adopted a master plan for the construction of a new corporation yard. The present corporation yard site will be abandoned and the yard relocated to a five acre, City owned site.

Public Parking Lots

The City's six paved parking lots total 110,650 square feet. The seventh, unpaved lot is 16,800 square feet. Hence, the total public parking space provided by the City in public parking lots is 127,450 square feet. It is estimated that the existing public parking lots are currently used to approximately 80 percent capacity.

EXISTING DEFICIENCIES

City Hall

The existing City Hall structure is too small to accommodate all of the offices of City government, as evidenced in part by the City Attorney's office being located in a leased space off-site. Space constraints are also being felt within the City Hall structure where currently there is doubling up of personnel in at least seven office spaces; approximately \$2,000 is estimated as needed to cure this deficiency.

City Corporation Yard

The City corporation yard is currently overutilized. Based on the of *City of El Centro Corporation Yard Assessment Final Report* (corporation yard master plan) of October 1988, it is estimated that the existing corporation yard is currently deficient by approximately 29,000 gross square feet.

Public Parking Lots

The City has no existing deficiency of parking spaces within City owned public parking lots.

PLANNED RENOVATIONS AND EXPANSION

City Hall

The City Hall structure is presently receiving construction bids on a planned expansion and renovation which will eliminate the existing space deficiencies. The expansion will allow the City Attorney's office to relocate to new administrative space at City Hall and will accommodate necessary expansion of other City departments as the City grows. The existing City Hall will be renovated allowing more efficient usage of the existing structure.

The planned annex expansion, to be built on the 2.0 acre site of the existing City Hall, will add 5,000 feet of administrative space. Also included in the expansion plans is a 2,620 square foot covered walkway to connect the two buildings. It is estimated that approximately 25 percent of the covered walkway space, or about 655 square feet, will be used for administrative purposes (i.e. counter space and space for people to stand while waiting in lines.)

City Corporation Yard

As noted above, the City is in the planning stages of abandoning the existing City corporation yard and relocating the yard's functions to another site. The corporation yard master plan calls for the eventual provision of 170,200 gross square feet, estimated to accommodate 51,000 residents. Hence, enough space will be provided to serve about 81 percent of the City size at buildout. Of this gross area, 105,400 square feet (62 percent of the gross area) will be improved in some way (structures, fencing, paving, etc.) at a cost of \$1,563,000, approximately \$15.00 a square foot (excluding land value).

FACILITIES NEEDED TO ACCOMMODATE NEW DEVELOPMENT AND THEIR COST

City Hall

The existing facilities (and deficiency which will be made up by the planned renovation and expansion) equate to a city standard of 0.31 square feet per unit of service population (10,700 existing City Hall and 3,500 alleviated deficiency = 14,200 square feet/46,000 = 0.31 square feet). It should be noted that there is an economy of scale involved with City Hall facilities which will benefit new development. The existing 2,600 square foot City Council Chambers are ample to accommodate an increase in population to 63,000. Hence, the square footage of the City Council Chambers are excluded from the above calculation of the City standard.

The recent estimated construction costs for the City Hall renovation and annex provide a good estimate of costs per square foot for City administrative space. The total cost of the expansion and renovation of the City Hall facilities is estimated at \$1.50 million. Of this amount, approximately \$470,000 is estimated to be the cost of renovating the existing facility.

\$1.03 million of the bid amount is attributed to the cost of the annex and of the connecting covered walkway, including the site work, structure, and expanded parking facilities. In other words, \$1,030,000 provides 5,655 square feet of new administrative space at a cost of approximately \$180 per square foot excluding land (the site is already owned by the City).

Land costs per square foot are estimated at approximately \$16. These costs reflect the estimated cost per acre of downtown land of \$170,000 and an assumption that approximately one-fourth of the acreage will be used for building space and three-fourths for parking and landscaping, which is consistent with the ratio of building space to acreage of the present City Hall site once the annex and expansion are completed ($\$170,000 \text{ per acre} / 43,560 \text{ square feet per acre} = \$4 \text{ per square foot} \times 4 \text{ square feet of land per 1 square foot of building} = \16). The total cost for administrative building space is thus \$196 per square foot, including land ($\$180 + \$16 = \$196$).

Using the City standard of 0.31 square feet per resident and employee (service population), 13,800 square feet of City administrative space will be required to accommodate the additional 44,560 service population from new development ($0.31 \text{ square feet} \times 44,560 = 13,800 \text{ square feet}$). (Of this amount, 2,155 square feet will be provided by the new City Hall annex.) At the estimated cost of \$196 per square foot, the total cost for administrative space to accommodate new development is \$2,704,800 ($13,800 \text{ square feet} \times \$196 \text{ per square foot} = \$2,704,800$).

Corporation Yard

As noted above, the improvements called for in the master plan are estimated to cost \$1,563,000. Additionally, the cost of about five acres of land at the proposed site is estimated to be

\$150,000 (5 acres x \$30,000 per acre = \$150,000). Thus, the total cost for the corporation yard is estimated at \$1,713,000. This cost is for a yard adequate to serve the City only up to about 81 percent of buildout. The eventual cost of the yard expanded to serve the buildout population is thus \$2,110,000 (\$1,713,000 cost/81 percent = \$2,110,000).

Parking Lots

El Centro's seven public parking lots total 127,450 square feet. One lot of 16,800 square feet, or 15 percent of the total square footage of all seven lots, is unpaved. The value of the seven existing lots is estimated at \$603,650. This value reflects estimated land costs of \$3 per square foot and paving costs, for the lots which are paved, of \$2 per square foot.

It was noted that the existing public parking lots are currently utilized to approximately 80 percent of their total capacity. In other words, the 127,450 square feet of parking lots which currently accommodates a service population of 46,000 at 80 percent capacity could theoretically accommodate a 57,500 service population at 100 percent capacity.

Eventually, the City will require 200,730 square feet of public parking lot space to accommodate the projected 2010 service population 90,560 (at 100 percent capacity), or 73,280 additional square feet of public parking space. The total cost of this additional space is calculated to be \$344,400. (To assure equity with the current standards, costs for the additional space were calculated assuming 85 percent of the space would be paved and 15 percent unpaved.) It should be noted that the City has already provided 25,490 square feet of this space as part of the existing capacity within existing lots. The total cost above includes a "pay back" of \$119,800 to the City for the expanded capacity already provided.

FEES

City Hall

The total cost of City Hall administration space associated with new development is estimated to be \$2,704,800. The resulting cost per capita is therefore \$61 ($\$2,704,800/44,560 = \61 per capita).

Corporation Yard

The \$2.11 million cost of the corporation yard is appropriately shared among both existing and future population. The total service population (residents plus employees) at buildout is 90,560. The cost per capita is thus \$23 ($\$2,110,000/90,560 = \23).

The share of the \$2.11 million cost attributed to the existing population is \$1,076,000 ($\$2,110,000 \times 51$ percent of total service population = \$1,076,000). The share attributed to new development is \$1,034,000 ($\$2,110,000 \times 49$ percent of total service population = \$1,034,000). It should be noted that the cost per capita for the entire project divided by the entire service population, existing and future, to be served is equivalent to the cost attributed to new development divided by the increased service population from new development ($\$2,110,000/44,560 = \23 ; $\$1,034,000/44,560 = \23).

The land already contributed by the City is valued at \$185,000. This leaves a net cost of \$891,000 to be contributed by existing development (the City) ($\$1,076,000 - \$185,000 = \$891,000$).

Parking Lots

The costs associated with the provision of new parking lot space for new development is estimated to be \$344,400, or \$8 per capita ($\$344,400/44,560 = \8).

Total Fees - Other Public Facilities

The total per capita fee attributable to new development for City Hall, the corporation yard, and public parking lots is \$92 (\$61 + \$23 + \$8 = \$92). Table O-1 below shows the appropriate fee schedule for residential and non-residential land uses.

**Table O-1
OTHER PUBLIC FACILITIES FEE SCHEDULE**

Per Capita Cost: \$92

Residential

Base Fees:

	Residential/ Unit	Fee
Single-family	3.5	\$322
Duplex, Mobile Home	3.0	276
Multi-family	2.5	230

Adjusted Fees:

	Bedroom Adjustment Factor	Adjusted Fee
Single-family		
1-2 Bedroom	0.85	\$274
3 Bedroom	0.95	306
4 Bedroom	1.05	338
5+ Bedroom	1.15	370
Duplex/Mobile Home	1.00	276
Multi-family		
1 Bedroom	0.80	184
2 Bedroom	1.00	230
3 Bedroom	1.20	276

Commercial

	Workers/ 1,000 Sq. Ft.	Fee
Office	3.33	\$306
Retail:		
Supermarket	2.00	184
Convenience Store	2.00	184
Shopping Center	2.00	184
Other Retail/Service	2.00	184
Bank, S&L, Thrift	2.00	184
Restaurants:		
Sit Down	2.00	184
Fast Food	2.00	184
Motel/Hotel (Street Fee is Per Room)		184
Gas Station (Street Fee is Per Pump)		184
Industrial		
Manufacturing	1.40	129
Non-manufacturing	1.40	129

DEVELOPMENT IMPACT FEE PROGRAM ADMINISTRATION

Costs of administering the Development Impact Fee program include costs of general program administration, accounting, and budgeting of the funds collected. Additionally, there are costs associated with comprehensive reviews of the program, which should be scheduled every five years to comply with state legislation (AB 1600). Less comprehensive annual reviews of the program should also be conducted.

The costs for specific items have been estimated below:

(a) City Staff Administration and Monitoring.

It is estimated that duties associated with the administration, monitoring and accounting of the development impact fee program will occupy one-half of the time of a Finance Department staff member (accountant). The annual compensation for an accountant is \$37,000, including benefits. Hence, the annual compensation amount which can be attributed to the administration of the Development Impact Fee program is \$18,500 ($0.50 \times \$37,000 = \$18,500$). Over a twenty year period, the total amount is \$370,000 ($20 \text{ years} \times \$18,500/\text{year} = \$370,000$).

(b) Five Year Review and Update.

The initial consulting cost for the 1989 study is \$20,000. In addition to this cost, over the twenty year period of the Development Impact Fee study a comprehensive review and update of the program will be performed three times. The total cost for the four studies is therefore \$80,000 ($4 \times \$20,000 = \$80,000$).

(c) Annual Reviews.

It is estimated that annual reviews requiring approximately one-half week of a qualified consultant's time will cost \$3,000. The annual reviews will not be conducted in years when a five year review is conducted. Hence, there will be a total of 16 annual reviews at a total cost of \$48,000 ($16 \times \$3,000 = \$48,000$).

~~Altogether the total costs associated with the administration of the development impact fee are \$498,000. This amount divided by the projected increase in population and employment over the twenty year time period yields a per capita amount of \$11 ($\$498,000/44,560 = \11). Table A-1 shows the calculation of applicable fees for residential and commercial land uses.~~

**Table A-1
ADMINISTRATION FEE SCHEDULE**

Per Capita Cost: \$11

Residential

Base Fees:

	<u>Residential/Unit</u>	<u>Fee</u>
Single-family	3.5	\$ 39
Duplex, Mobile Home	3.0	33
Multi-family	2.5	28

Adjusted Fees:

	<u>Bedroom Adjustment Factor</u>	<u>Adjusted Fee</u>
Single-family		
1-2 Bedroom	0.85	\$ 33
3 Bedroom	0.95	37
4 Bedroom	1.05	41
5+ Bedroom	1.15	45
Duplex/Mobile Home	1.00	33
Multi-family		
1 Bedroom	0.80	22
2 Bedroom	1.00	28
3 Bedroom	1.20	34

Commercial

	<u>Workers/1,000 Sq. Ft.</u>	<u>Fee</u>
Office	3.33	\$ 37
Retail:		
Supermarket	2.00	22
Convenience Store	2.00	22
Shopping Center	2.00	22
Other Retail/Service	2.00	22
Bank, S&L, Thrift	2.00	22
Restaurants:		
Sit Down	2.00	22
Fast Food	2.00	22
Motel/Hotel (Street Fee is Per Room)		22
Gas Station (Street Fee is Per Pump)		22
Industrial		
Manufacturing	1.40	15
Non-manufacturing	1.40	15

APPENDIX:
DEVELOPMENT IMPACT FEE WORKSHEETS

Note: Total revenues shown on impact fee worksheets will vary from corresponding facilities cost amounts shown in Table I-2 (by a factor of less than one percent) due to rounding.

**LIBRARY
DEVELOPMENT IMPACT FEE WORKSHEET**

CURRENT CITY STANDARDS: 0.48 Square Feet of Building Area Per Resident.
2.0 Library Books Per Resident

ADDITIONAL SPACE REQUIRED

Square Feet Per Capita	0.48
Increase in Resident Population	31,000
Total Square Feet	14,880
Building and Furnishings Cost @ \$125/Square Foot	\$1,860,000
Land Cost	
Acres Required	1.14
Cost per Acre	\$170,000
Total Land Cost	\$193,800
Total Cost of Additional Space Required	\$2,053,800
Increase in Resident Population	31,000
Per Capita Cost	\$66

ADDITIONAL BOOKS REQUIRED

Books Per Capita	2.0
Increase in Resident Population	31,000
New Books Required	62,000
Total Cost @ \$30 per Book	\$1,860,000
Increase in Resident Population	31,000
Per Capita Cost	\$60

TOTAL FEE

Per Capita	\$126
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ANNUAL REVENUES

Per Capita Fee	\$126
Increase in Resident Population	31,000
Total Revenues	\$3,906,000
Time Period	20 years
Annual Revenues	\$195,300

* Assumes \$20 per book plus 50 percent additional (\$10) for other library materials.

**POLICE
DEVELOPMENT IMPACT FEE WORKSHEET**

CURRENT CITY STANDARDS: 1.43 Total Police Department Staff
per 1,000 Service Population (Population
and Employment)

0.96 Sworn Officers per 1,000 Service
Population

2.1 Police Employees per Police Vehicle

ADDITIONAL POLICE DEPARTMENT STAFF REQUIRED

Total Staff per 1,000 Service Pop.	1.43
Increase in Service Population	44,560
Total Staff Required to Serve New Development	64

ADDITIONAL STATION SPACE REQUIRED

Square Feet Per Staff Member	158
Additional Staff Required	64
Total Square Feet Required	10,112
Building and Furnishings Cost @ \$200 per Square Foot	\$2,022,400
Land Cost	
Acres Required	0.93
Cost per Acre	\$170,000
Total Land Cost	\$158,100
Total Cost Additional Station Space	\$2,180,500
Increase in Service Population	44,560
Per Capita Cost	\$49

ADDITIONAL VEHICLES REQUIRED

Staff per Vehicle	2.1
Additional Staff Required	64
Additional Vehicles Required	30
Total Cost @ \$17,500 per Vehicle	\$525,000
Increase in Service Population	44,560
Per Capita Cost	\$12

**POLICE
DEVELOPMENT IMPACT FEE WORKSHEET
(Continued)**

COMPUTER EQUIPMENT

Cost of Computer Hardware Per Year	\$40,000
Time Period	20 years
Total Cost of Computer Hardware	\$800,000
Percentage Total Service Population Attributable to New Development	0.49
Computer Hardware Cost Attributable to New Development	\$392,000
Increase in Service Population	44,560
Per Capita Cost	\$9

TOTAL FEE

Per Capita	\$70
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ANNUAL REVENUES

Per Capita Fee	\$70
Increase in Service Population	44,560
Total Revenues	\$3,119,200
Time Period	20 years
Annual Revenues	\$156,000

**FIRE
DEVELOPMENT IMPACT FEE WORKSHEET**

SATELLITE STATIONS REQUIRED (2)

Land - Approximately 0.5 acres at \$30,000 per acre	\$15,000
Building - 4,400 square feet at \$100 per square foot	\$440,000
Furnishings and Staff Equipment - \$30,000 per station	\$30,000
Vehicles - 1 pump/ladder truck combination	<u>\$300,000</u>
Total - Each Station	\$785,000
Total Additional Cost-Two Satellite Stations	\$1,570,000
Increase in Service Population	44,560
Per Capita Cost	\$35
<u>TOTAL FEE</u>	
Per Capita	\$35

ANNUAL REVENUES

Per Capita Fee	\$35
Increase in Service Population	44,560
Total Revenues	1,559,600
Time Period	20 years
Annual Revenues	\$80,000

**PARKS
DEVELOPMENT IMPACT FEE WORKSHEET**

CURRENT CITY STANDARD: 2.66 Acres Developed Park Land Per
1,000 Residents

PARK LAND

Acres Per 1,000 Residents	2.66
Increase in Resident Population	31,000
Total Acres Required	82.46
Cost Per Acre	\$30,000
Total Land Cost	\$2,473,800
Increase in Resident Population	31,000
Cost Per Capita	\$80

PARK LAND IMPROVEMENTS

Cost per Acre	\$15,000
Acres	82.46
Total Improvements Cost	\$1,236,900
Increase in Resident Population	31,000
Cost Per Capita	\$40

TOTAL FEE

Per Capita	\$120
------------	-------

ANNUAL REVENUES

Per Capita Fee	\$120
Increase in Resident Population	31,000
Total Revenues	\$3,720,000
Time Period	20 years
Annual Revenues	\$186,000

**RECREATIONAL FACILITIES
DEVELOPMENT IMPACT FEE WORKSHEET**

BASED ON VALUE OF EXISTING FACILITIES SERVING EXISTING POPULATION

COMMUNITY CENTER

Building	
Sq.Ft. Per Capita	0.426
Total Square Fee	2,800
Building Cost @ \$90/Sq.Ft.	1,152,000
Land	
Acres	1.2
Cost Per Acre	\$30,000
Total Land Value	\$36,000
Total Community Center Value	\$1,188,000
Existing Population	32,000
Per Capita Value of Facility Serving Existing Population	\$37

OWEN T. NELSON PLUNGE

Value of Plunge and Plunge Facilities (Based on Local Comparable)	\$500,000
Land	
Acres	2.35
Cost per Acre	\$30,000
Total Land Value	\$70,500
Total Plunge Value	\$570,500
Existing Population	32,000
Per Capita Value of Facility Serving Existing Population	\$18

OLD POST OFFICE THEATER/CULTURAL CENTER

Value of Land (Cost to City)	\$300,000
Value of State Grants Received for Rehabilitation	\$900,000
Total Value Old Post Office	\$1,200,000
Existing Population	32,000
Per Capita Value of Facility To Serve Existing Population	\$37

**RECREATIONAL FACILITIES
DEVELOPMENT IMPACT FEE WORKSHEET
(Continued)**

TOTAL VALUE/EQUIVALENT FEE

Per Capita	\$92
------------	------

ANNUAL REVENUES

Equivalent Per Capita Fee	\$92
Increase in Resident Population	31,000
Total Revenues	\$2,852,000
Time Period	20 years
Annual Revenues	\$142,600

TENTATIVELY IDENTIFIED FUTURE RECREATIONAL/CULTURAL FACILITIES

COMMUNITY CENTER EXPANSION

Building

Square Feet	1,000
Cost*	\$90,000
Cost Per Capita	\$3.00

GYMNASIUM/MULTI-USE COMPLEX

Building

Square Feet	12,000
Cost**	\$650,000

Land

Acres	1.03
Cost	\$30,900

Total Cost	\$680,900
Per Capita	\$22

* Assumes building costs of \$90 per square foot; structure expanded on existing site (no land costs.)

** Costs based on local comparable.

RECREATIONAL FACILITIES
DEVELOPMENT IMPACT FEE WORKSHEET
(Continued)

IDENTIFIED FUTURE RECREATIONAL/CULTURAL FACILITIES

EATING

	\$20,000
pita	\$0.65

	160
	\$800,000

improvements	\$2.0 million
s	\$1.2 million

	\$4 million
a	\$129

OTHER PUBLIC FACILITIES
DEVELOPMENT IMPACT FEE WORKSHEET
(Continued)

PARKING LOTS - ADDITIONAL SPACE REQUIRED

Additional Parking Lot Space Required (Square Feet)	73,280
Percent Current Parking Lot Space Paved	0.85
New Paved Space Required (Square Feet)	62,288
Cost Paved Parking Lot Space (Paving & Land) Per Sq. Ft.	\$5
Total Cost Paved Space	\$311,440
Percent Current Parking Lot Space Unpaved	0.15
New Unpaved Space Required (Square Feet)	10,992
Cost Unpaved Parking Lot Space (Land) Per Square Foot	\$3
Total Cost Unpaved Space	\$33,000
Total Cost Parking Lot Space Required	\$344,400
Increase in Service Population	44,560
Per Capita Cost	\$8

TOTAL FEE - OTHER PUBLIC FACILITIES

Per Capita \$92

ANNUAL REVENUES

Per Capita Fee	\$92
Increase in Service Population	44,560
Total Revenues	\$4,099,500
Time Period	20 years
Annual Revenues	\$205,000

COST RECOVERY STUDY FINDINGS

CITY OF EL CENTRO, CALIFORNIA

MAXIMUS[®]
HELPING GOVERNMENT SERVE THE PEOPLE[®]

COST RECOVERY STUDY FINDINGS

CITY OF EL CENTRO, CALIFORNIA

MAY, 2003

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SECTION I
EXECUTIVE SUMMARY

MAXIMUS, Inc. is a nationwide consulting firm offering a wide array of services for state and local government. A sample of the services offered includes cost analysis, revenue enhancement studies, internal service fund analysis, performance measurement and management studies.

PROJECT SCOPE AND OBJECTIVES

MAXIMUS was engaged by the City of El Centro to conduct a detailed user fee cost recovery study. The scope of the project is defined by the following questions:

What does it cost the city to provide various fee-related services?

What are current cost recovery levels?

What fee changes are necessary to achieve recommended cost recovery levels?

What changes to current revenues can the city expect if recommended fees are implemented?

What are other jurisdictions charging for similar services?

MAXIMUS, with direction and coordination from the Finance Department, performed the following tasks in order to address these issues:

Interview departments that currently provide or could potentially provide user fee activities.

Assess service costs with revenues currently received for these activities, and identify any subsidies.

Identify service areas where the city might increase existing fees or implement new fees based on the full cost of services and other economic or policy considerations.

Present selected comparisons showing what other cities and counties are charging for similar services.

The study provides the City of El Centro with cost-of-service information that it can consider, together with existing city policy for fee-setting purposes. The results will show both an increase in user fee revenues and a corresponding decrease in the general fund subsidization of these services. However, some fees may be decreased, thus reducing the user fee revenues.

SUMMARY OF FINDINGS

This report summarizes our findings on cost recovery and other considerations for the city's user fee services. Discussions cover the following funds and departments:

Analysis Covers FY 01/02

General Fund

- Police, Animal Control
- Fire
- Parks, Recreation and Community Services
- Public Works
- Planning
- Building
- Library
- City Clerk

Exhibit I. The first task in this study was to separate fee-for-service activities from non-fee activities within the departments surveyed. Not all activities are recoverable from user fees: fire suppression or police patrol services, for example. These activities and their corresponding costs are identified and excluded (Costs, Other Services column). Further, this report does not address other revenue sources such as urban growth management (UGM) fees (as defined under AB 1600), franchise fees, fines, or taxes (such as transient occupancy or business license taxes). The distribution of total departmental costs is displayed in Exhibit I (page 3). The focus of this analysis is on the information under the column heading, "Costs, User Fee Services."

Exhibit II. In cooperation with city staff, MAXIMUS developed cost and revenue estimates for over 150 fee and non-fee services. The results of the analysis show that for activities typically supported by fees, the city is expending \$2.4 million while recovering \$729 thousand in related revenue, resulting in a subsidy of \$1.7 million. Exhibit II (page 4) presents the source of funds for user fee services.

The cost recovery levels at the department level range from 6% for Animal Control, up to 59% for Building and Safety. Within each department, individual fee recoveries range from 0% (there is no fee currently charged), to a significant over-recovery of costs for selected fees. The information about individual fees may be found in subsequent sections of this report. Overall, the city is experiencing a 30% recovery level for the user fees included in this study.

Exhibit III. The study's primary objective is to provide the city's decision-makers with basic data needed for setting fees. This report details the full cost of services and presents proposed fees and projected revenues based on City recommendations. It is estimated that adoption of the recommended cost recovery policy would increase the specified fee revenue by \$1,120,414 (a 60% increase over the current revenue total).

City of El Centro *Total Costs by Department*

<i>General Fund Department/Division</i>	<i>Total Costs</i>	<i>Costs, User Fee Services</i>		<i>Costs, Other Services</i>	
CITY CLERK	\$152,190	\$407	0%	\$151,783	100%
LIBRARY	\$458,847	\$75,815	17%	\$383,032	83%
FIRE	\$4,006,268	\$744,607	19%	\$3,261,661	81%
POLICE	\$6,729,032	\$423,213	6%	\$6,305,819	94%
ENGINEERING	\$550,891	\$112,415	20%	\$438,476	80%
COMMUNITY PLANNING	\$461,259	\$181,293	39%	\$279,966	61%
BUILDING AND SAFETY	\$286,984	\$286,984	100%	\$0	0%
ANIMAL CONTROL	\$97,121	\$86,869	89%	\$10,252	11%
PARKS AND RECREATION	\$1,608,514	\$539,515	34%	\$1,068,999	66%
Total:	\$14,351,105	\$2,451,117	17%	\$11,899,988	83%

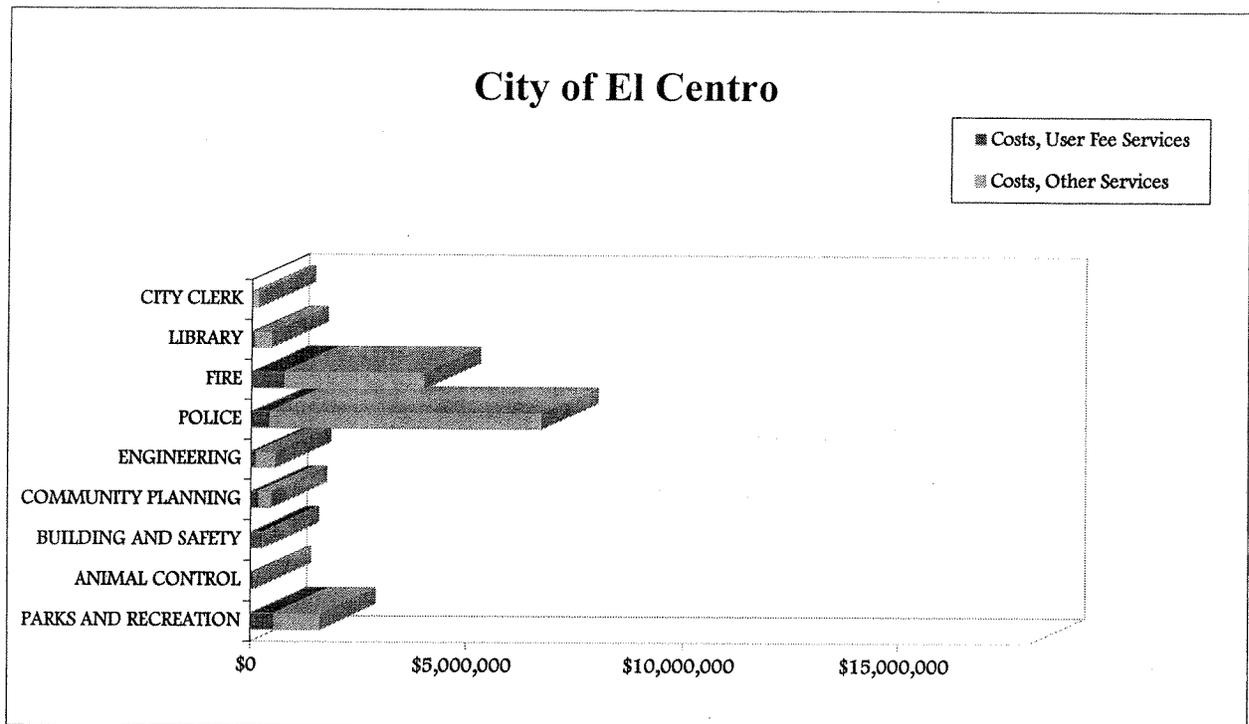


Exhibit II

City of El Centro
Source of Funds
- User Fee Activities -

<i>General Fund Department/Division</i>	<i>Costs, User Fee Services</i>	<i>Funded by User Fees</i>		<i>General Fund Subsidy</i>	
CITY CLERK	\$407	\$0	0%	\$407	100%
LIBRARY	\$75,815	\$13,000	17%	\$62,815	83%
FIRE	\$744,607	\$196,624	26%	\$547,983	74%
POLICE	\$423,213	\$179,168	42%	\$244,045	58%
ENGINEERING	\$112,415	\$45,508	40%	\$66,907	60%
COMMUNITY PLANNING	\$181,293	\$63,568	35%	\$117,725	65%
BUILDING AND SAFETY	\$286,984	\$168,105	59%	\$118,879	41%
ANIMAL CONTROL	\$86,869	\$5,200	6%	\$81,669	94%
PARKS AND RECREATION	\$539,515	\$57,979	11%	\$481,536	89%
Total:	\$2,451,117	\$729,152	30%	\$1,721,966	70%

City of El Centro

■ User Fees
 □ Subsidy

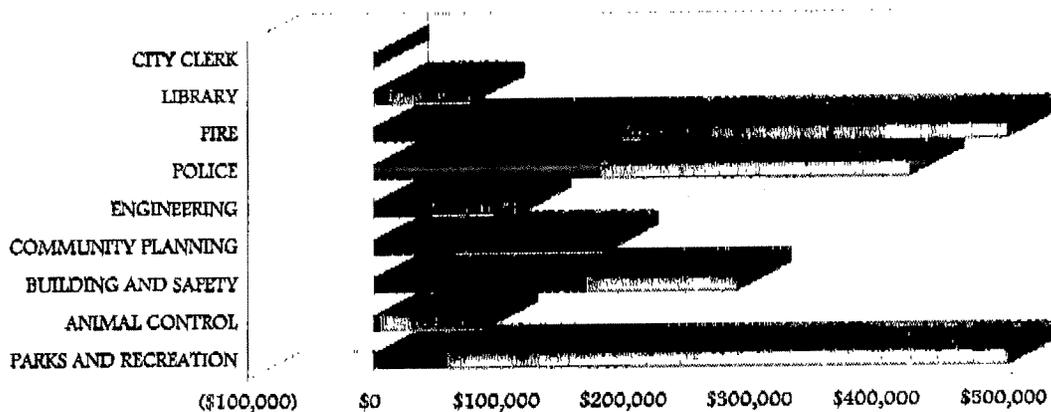
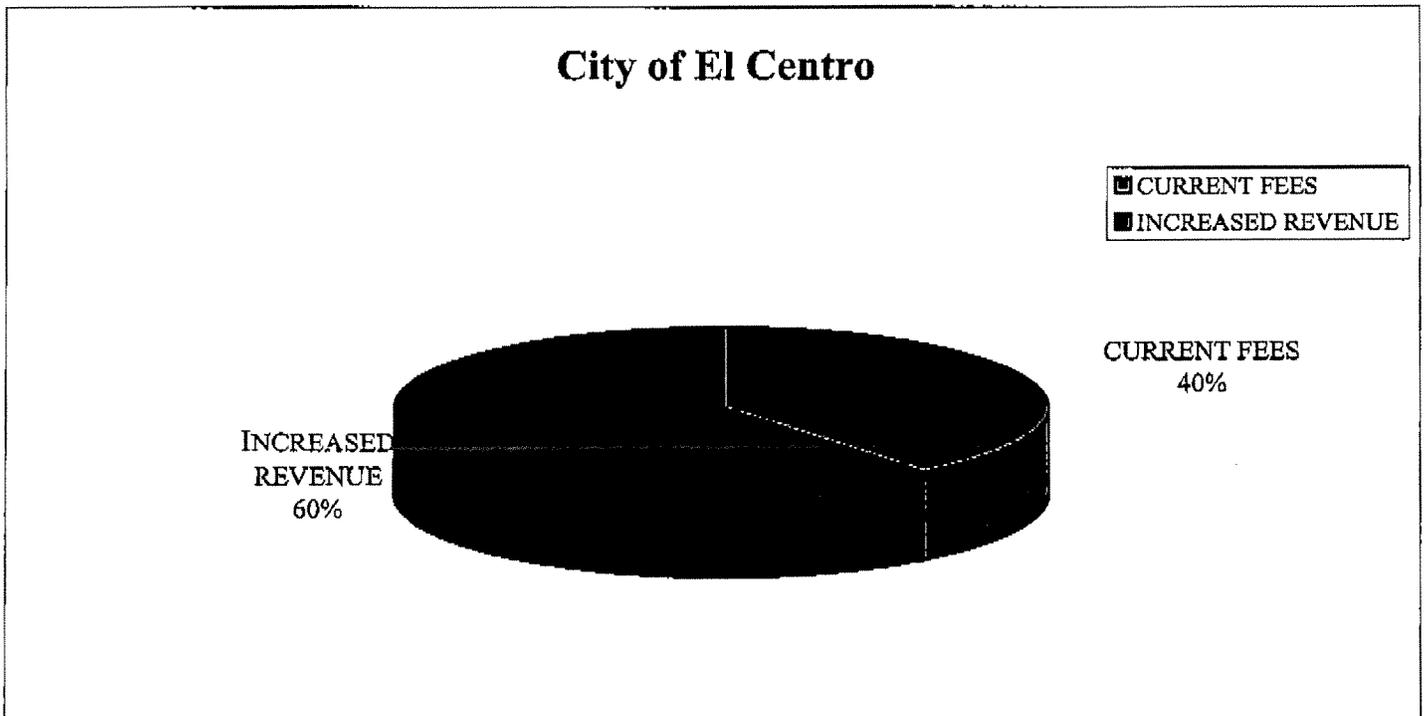


Exhibit III

City of El Centro User Fee Revenue Analysis

<i>General Fund Department/Division</i>	<i>Costs, User Fee Services</i>	<i>General Fund Subsidy</i>	<i>Revenues @</i>		
			<i>Current Fees</i>	<i>Recomm. Fees</i>	<i>Increased Revenue</i>
CITY CLERK	\$407	\$407	\$0	\$120	\$120
LIBRARY	\$75,815	\$62,815	\$13,000	\$13,802	\$802
FIRE	\$744,607	\$547,983	\$196,624	\$744,607	\$547,983
POLICE	\$423,213	\$244,045	\$179,168	\$395,297	\$216,129
ENGINEERING	\$112,415	\$66,907	\$45,508	\$112,415	\$66,907
COMMUNITY PLANNING	\$181,293	\$117,725	\$63,568	\$181,293	\$117,725
BUILDING AND SAFETY	\$286,984	\$118,879	\$168,105	\$286,984	\$118,879
ANIMAL CONTROL	\$86,869	\$81,669	\$5,200	\$14,840	\$9,640
PARKS AND RECREATION	\$539,515	\$481,536	\$57,979	\$100,207	\$42,228
Total:	\$2,451,117	\$1,721,966	\$729,152	\$1,849,565	\$1,120,414



ECONOMIC CONSIDERATIONS

User fee services are those performed by a governmental agency on behalf of a private citizen or group. The assumption underlying most fee recommendations is that the costs of services benefiting individuals, and not society as a whole, should be borne by the individual receiving the benefit. Setting user fees, therefore, is essentially equivalent to establishing prices for services. Making a profit is not an objective of local government in providing services to the general public. It is commonly felt that fees should be established at a level which will recover the cost of providing each service - no more, no less.

There are circumstances, however, in which it might be regarded as a reasonable policy to set fees at a level that does not reflect the full cost of providing the service. This results in the costs of service being subsidized, or paid for by the general fund, while the user receives benefits for which he or she does not fully pay for. The following factors underlie such policies:

Elasticity of Demand. The price charged for a service can affect the quantity demanded by potential users. In many instances, increasing the price of a service results in fewer units of the service being purchased. Whether total revenue goes up, goes down or stays the same can be correlated to the magnitude of the fee change and resulting shift in volume demanded.

Economic Incentives/Disincentives. In some cases it may be desirable to use fees as a means of encouraging or discouraging certain activities. As an example, higher fees for increased water usage may promote better water conservation.

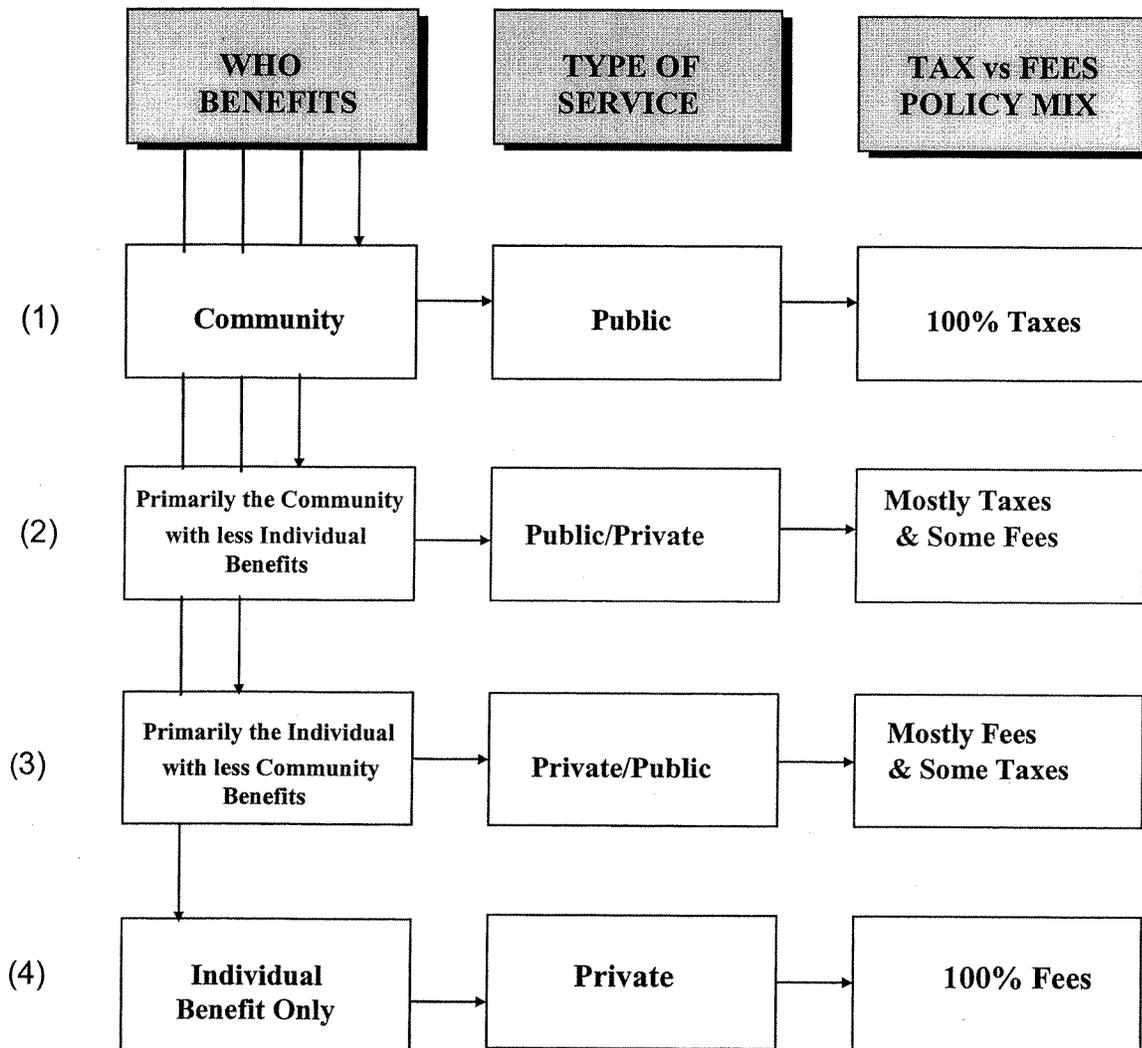
Competitive Restraints. Although a city may have a monopoly on providing certain services within its boundaries, citizens or businesses may choose private sector services with lower fees. For example, demand for park or recreation services is highly dependent on what else may be available at lower prices.

Subsidization Policy. Subsidies are usually provided for two purposes: to permit an identified group to participate in services that they might not otherwise be able to afford, or the benefit that activity provides extends to the community, as well as the individual purchasing the service. Many activities, by their nature, provide additional societal benefits beyond those provided to the immediate recipient. Therefore, it may be appropriate to spread the cost of certain services over the large base of potential beneficiaries, not only to direct purchasers.

The decision matrix on the following page helps to illustrate the analysis used when comparing user benefit versus appropriate taxpayer subsidies. The four rows identify different activities that have varying levels of individual and public benefit. Row one lists the characteristics of an activity that is appropriately funded by taxpayers. Row four lists the characteristics of a user fee for which the individual benefiting from the service should pay. The two middle rows show varying levels of cost and benefit between the two extremes. The matrix does not provide absolute answers - there may be many activities that fall somewhere between classifications. It is intended to assist in the determination of the economic and political viability of setting user fees.

General Fund Subsidy vs. User Fees

Decision-making Flow Chart



Examples of service that fall under each category:

- (1)- Police Patrol Services
- (2)- Code Enforcement Activities
- (3)- Youth Sports or Senior Services
- (4)- Variance, Lot Split, ETC

Methodology

The user fee activity costs developed in this study were generated through a proprietary MAXIMUS computer model designated as the FASTR System (Fee And Service Technical Review). In addition to producing the costs of fee-for-service activities, which was the focus of this study, FASTR provides significant management information relative to the operational efficiency of the departments.

MAXIMUS worked with department personnel to develop time estimates and activity volume within operations where fee-based services are provided. Based upon these estimates, which were developed using historical data where available (obviously not applicable to proposed fee-for-service activities), a model of operational activities is developed which is reviewed extensively with the staff. The model is then analyzed for each fee area. This includes development of direct labor costs, benefits, services and supplies, and the appropriate allocation of citywide and operational overhead (all based on the adopted fiscal year 2001/2002 budget figures). The results identify fully supported costs for providing user fee-related services. Costs are then compared with revenues, and fee increases, if appropriate, are recommended. In some instances, decreases to current fee levels are identified.

REPORT ORGANIZATION

The following report sections II through IX present findings and recommendations for each department analyzed. Each section contains a summary showing current fees, total costs and recommended fees on a per-unit basis, total program costs, revenues and subsidy data for each departmental activity. Additional revenues, based on the study's recommendations, are calculated.

Sections II - IX are structured using the following format:

1. **Findings and Recommendations.** This is a brief overview of the results of the cost analysis. Any recommendations that fall outside of stated policy, limitations on what the city can charge, new fee proposals, elimination of fees from the city's current master fee schedule, etc. are discussed here. Revenue projections and remaining subsidy levels are also discussed.
2. **Per Unit Information.** This summary sheet provides information about each fee area analyzed within each department. A comparison of current fee to full cost is made along with recommendations for changes to the current fee structure.
3. **Total Program Information.** This summary sheet reviews the same fee information and recommendations identified in the per unit information sheet, but annualizes the cost/revenue projections by multiplying that information by the annual volume of activity.

SECTION II

POLICE & ANIMAL CONTROL

POLICE AND ANIMAL CONTROL

FINDINGS & RECOMMENDATIONS

The total cost of the Police Department's operation is \$6,729,032. As displayed in Exhibit I earlier in this report, \$6,305,819 (94%) of the total costs are set aside as non-fee related, leaving \$423,213 (6%) associated with fee-for-service activities. The total costs of the Animal Control operation is \$97,121. As displayed in Exhibit I earlier in this report, \$10,252 (11%) of the total costs are set aside as non-fee related, leaving \$86,869 (89%) associated with fee for service activities.

Current User Fees

The summary sheet on page 11 shows that the total annual cost of current user fee services (revenue at 100% fee column) is \$423,213. Current revenues collected for these services total \$179,168 which translates into a cost recovery rate of 42%. Cost recovery levels for individual fees within this category range from 0% for DUI response (#2), to an over-recovery of 148% for clearance letters (#16). Department management and staff have made a general recommendation of 93% cost recovery, with some exceptions noted below. The recommended fees on page 10 have been rounded up or down to the nearest whole dollar, which has a slight effect on the recommended cost recovery percentages, and remaining subsidies. Implementing the fees as recommended will increase current revenues by \$216,129 and bring the cost recovery level up to 93%. The remaining cost to be subsidized by general tax dollars is \$28,821 which is a reduction from the current subsidy of \$274,305. For Animal control, a slight increase in all fees is being recommended. This could raise the recovery level from 6% to 17% and could reduce the current subsidy by \$9,640.

Notes and Highlights:

- A fee of \$240 has been recommended for DUI response and could potentially bring in an additional \$22,320
- Responses to 911 hang ups have been recommended at \$30. However this is for the 2nd response in a three month period. The first occurrence will have no charge.
- False Alarm responses are being recommended at \$41. This will be charged for the second and each subsequent violation within a three month period. This could potentially bring in an additional \$18,900.
- Clearance Letters have been recommended to reduce fees from \$18 to \$12.
- Both Dead Animal Pick Up fees are being recommended to increase to \$20. The department is very concerned with these fees and feels that an increase is appropriate.

PER UNIT INFORMATION

The following pages (Police page 10, Animal Control page 12) provide information about each fee area, on a per unit basis. This spreadsheet displays fee title, annual volume of activity, current fee, current cost recovery level, 100% of full cost, and current subsidy. Also displayed are recommended recovery levels, recommended fees, and remaining subsidies.

TOTAL PROGRAM INFORMATION

The summary sheets (Police page 11, Animal Control page 13) review the same fee information and recommendations identified in the per unit summary sheet, but annualize the cost/revenue projections by multiplying that information by the annual volume of activity. Increases in revenues are also displayed.

El Centro - POLICE DEPARTMENT
User Fee Study Summary Sheet

POLICE DEPARTMENT	Per Unit Information									
	UNIT VOLUME	CURRENT FEE	FULL COST	RECOVERY RATE	CURRENT SUBSIDY	RECOMM. RECOVERY RATE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE		
1 VEHICLE IMPND & RLSE	890	\$92	\$221	41.63%	\$129	100.01%	\$221	\$0		
2 DUI RESPONSE	93	\$0	\$241	0.00%	\$241	99.40%	\$240	\$1		
3 FALSE ALARM	2100	\$32	\$41	78.11%	\$9	100.07%	\$41	\$0		
4 FUNERAL ESCORT	4	\$0	\$212	0.00%	\$212	18.89%	\$40	\$172		
5 LOUD NOISE RESPONSE	550	\$0	\$69	0.00%	\$69	72.05%	\$50	\$19		
6 LOCAL RECORD CHECK	2000	\$10	\$18	54.76%	\$8	82.15%	\$15	\$3		
7 INTL TAXI DRVR PRMT	12	\$22	\$82	26.83%	\$60	73.17%	\$60	\$22		
8 TAXI DRVR PRMT RNWL	100	\$17	\$82	20.42%	\$65	36.78%	\$30	\$52		
9 CITATION SIGN OFF	500	\$10	\$20	49.16%	\$10	98.33%	\$20	\$0		
10 LOUD SPEAKER PERMIT	60	\$6	\$15	40.40%	\$9	67.34%	\$10	\$5		
11 RECORD RESEARCH	10	\$22	\$24	92.83%	\$2	92.83%	\$22	\$2		
12 VIN VERIFICATION	37	\$20	\$20	99.60%	\$0	99.60%	\$20	\$0		
13 2ND HAND DLR LICNSE	1	\$38	\$194	19.59%	\$156	18.04%	\$35	\$159		
14 911 HANG UP	500	\$0	\$37	0.00%	\$37	81.10%	\$30	\$7		
15 CIVIL STAND BY	25	\$0	\$57	0.00%	\$57	69.98%	\$40	\$17		
16 CLEARANCE LETTER	100	\$18	\$12	148.51%	-\$6	100.00%	\$12	\$0		
17 CROSSING GUARD	1	\$0	\$79,040	0.00%	\$79,040	0.00%	\$0	\$79,040		
18 NON FEE ACTIVITY	1	\$0	\$6,226,779	0.00%	\$6,226,779	0.00%	\$0	\$6,226,779		

EI Centro - POLICE DEPARTMENT
User Fee Study Summary Sheet

Total Program Information									
POLICE DEPARTMENT	REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE		
1 VEHICLE IMPND & RLSE	\$81,880	41.63%	\$196,672	\$114,792	100.00%	\$196,690	\$114,810		
2 DUI RESPONSE	\$0	0.00%	\$22,455	\$22,455	99.40%	\$22,320	\$22,320		
3 FALSE ALARM	\$67,200	78.11%	\$86,037	\$18,837	100.00%	\$86,100	\$18,900		
4 FUNERAL ESCORT	\$0	0.00%	\$847	\$847	18.89%	\$160	\$160		
5 LOUD NOISE RESPONSE	\$0	0.00%	\$38,170	\$38,170	72.05%	\$27,500	\$27,500		
6 LOCAL RECORD CHECK	\$20,000	54.76%	\$36,520	\$16,520	82.15%	\$30,000	\$10,000		
7 INTL TAXI DRVR PRMT	\$264	26.83%	\$984	\$720	73.17%	\$720	\$456		
8 TAXI DRVR PRMT RNWL	\$1,666	20.42%	\$8,157	\$6,491	36.78%	\$3,000	\$1,334		
9 CITATION SIGN OFF	\$5,000	49.16%	\$10,170	\$5,170	98.33%	\$10,000	\$5,000		
10 LOUD SPEAKER PERMIT	\$360	40.40%	\$891	\$531	67.34%	\$600	\$240		
11 RECORD RESEARCH	\$220	92.83%	\$237	\$17	92.83%	\$220	\$0		
12 VIN VERIFICATION	\$740	99.60%	\$743	\$3	99.60%	\$740	\$0		
13 2ND HAND DLR LICENSE	\$38	19.59%	\$194	\$156	18.04%	\$35	(\$3)		
14 911 HANG UP	\$0	0.00%	\$18,495	\$18,495	81.10%	\$15,000	\$15,000		
15 CIVIL STAND BY	\$0	0.00%	\$1,429	\$1,429	69.98%	\$1,000	\$1,000		
16 CLEARANCE LEYTER	\$1,800	148.51%	\$1,212	-\$588	100.00%	\$1,212	(\$588)		
17 CROSSING GUARD	\$0	0.00%	\$79,040	\$79,040	0.00%	\$0	\$0		
18 NON FEE ACTIVITY	\$0	0.00%	\$6,226,779	\$6,226,779	0.00%	\$0	\$0		
Total Department	\$179,168	2.66%	\$6,729,032	\$6,549,864	5.87%	\$395,297	\$216,129		
User Fee Services	\$179,168	42.34%	\$423,213	\$244,045	93.40%	\$395,297	\$216,129		

* These services are non-fee related and have been excluded from the "User Fee Services" totals above.

a) For these fees, the first false alarm/call within a 3 month period is free. Subsequent calls will be billed at the 100% recovery rate.

b) The fee for Second Hand Dealer License includes a \$15 charge for the Livescan fingerprint process.

1-b)
a)

*
*

**El Centro - Animal Control
User Fee Study Summary Sheet**

		Per Unit Information									
ANIMAL CONTROL		UNIT VOLUME	CURRENT FEE	FULL COST	RECOVERY RATE	CURRENT SUBSIDY	RECOMM. RECOVERY RATE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE		
1	IMPND, MAINT & RLSE	206	\$8	\$162	4.94%	\$154	18.53%	\$30	\$132		
2	LOAN OF CAT TRAP	52	\$12	\$54	22.24%	\$42	46.33%	\$25	\$29		
3	DEAD ANIMAL PICK UP	52	\$12	\$54	22.24%	\$42	37.06%	\$20	\$34		
4	DEAD ANML PCK UP-VET	280	\$6	\$162	3.71%	\$156	12.36%	\$20	\$142		
5	EUTHANASIA REQUEST	24	\$26	\$108	24.09%	\$82	27.80%	\$30	\$78		
6	NON FEE ACTIVITY	1	\$0	\$10,252	0.00%	\$10,252	0.00%	\$0	\$10,252		

**El Centro - Animal Control
User Fee Study Summary Sheet**

		Total Program Information						
ANIMAL CONTROL		REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE

1	IMPND, MAINT & RLSE	\$1,648	4.94%	\$33,343	\$31,695	18.53%	\$6,180	\$4,532
2	LOAN OF CAT TRAP	\$624	22.24%	\$2,806	\$2,182	46.33%	\$1,300	\$676
3	DEAD ANIMAL PICK UP	\$624	22.24%	\$2,806	\$2,182	37.06%	\$1,040	\$416
4	DEAD ANML PCK UP-VET	\$1,680	3.71%	\$45,324	\$43,644	12.36%	\$5,600	\$3,920
5	EUTHANASIA REQUEST	\$624	24.09%	\$2,590	\$1,966	27.80%	\$720	\$96
6	NON FEE ACTIVITY	\$0	0.00%	\$10,252	\$10,252	0.00%	\$0	\$0

*

Total Department

\$5,200

5.35%

\$97,121

\$91,921

15.28%

\$14,840

\$9,640

User Fee Services

\$5,200

5.99%

\$86,869

\$81,669

17.08%

\$14,840

\$9,640

* These services are non-fee related and have been excluded from the "User Fee Services" totals above.

SECTION III

FIRE

FIRE

FINDINGS & RECOMMENDATIONS

The total cost of the Fire Department's operation is \$4,006,268. As displayed in Exhibit I earlier in this report, \$3,261,661 (81%) of the total costs are set aside as non-fee related, leaving \$744,607 (19%) associated with fee-for-service activities.

Current User Fees

The summary sheet on page 16 shows that the total annual cost of current user fee services is \$744,607. Current revenues collected for these services total \$196,624 which translates into a cost recovery rate of 26%. Cost recovery levels for individual fees within this category range from 6% for Hazmat clean up (#17), to 65% for a Battalion Chief Stand by (#4). Department management and staff have made a general recommendation of 100% cost recovery. The recommended fees on page 15 have been rounded up or down to the nearest whole dollar, which has a slight effect on the recommended cost recovery percentages, and remaining subsidies. Implementing the fees as recommended will increase current revenues by \$547,983 and bring the cost recovery level up to 100%. This will eliminate the current subsidy of \$547,983.

Notes and Highlights:

- **Permit Inspection and Issuance (#1).** A decrease of \$34 to \$244 is being recommended. This will bring the recovery rate down to 100%.
- **Medical Assistance Response (#20).** The current fee is extremely low and is a great concern to the department. A recommendation of \$254 is suggested. This increase could result in an additional \$462,595 in revenue for the city.
- **Fire Flow Study (#8).** Department staff recommends a fee of \$287. This is an increase of \$179 and could result in an additional \$3,583 in revenue.

PER UNIT INFORMATION

The following page (15) provides information about each fee area, on a per unit basis. These spreadsheets display fee title, annual volume of activity, current fee, current cost recovery level, 100% of full cost, and current subsidy. Also displayed are recommended recovery levels, recommended fees, and remaining subsidies.

TOTAL PROGRAM INFORMATION

These summary sheet (on page 16) reviews the same fee information and recommendations identified in the per unit summary sheet, but annualizes the cost/revenue projections by multiplying that information by the annual volume of activity. Increases in revenues are also displayed.

El Centro - FIRE DEPARTMENT

User Fee Study Summary Sheet

Per Unit Information												
FIRE DEPARTMENT	UNIT VOLUME	CURRENT FEE	FULL COST	RECOVERY RATE	CURRENT SUBSIDY	RECOMM. RECOVERY RATE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE				
1 PERMIT INSP & ISSNCE	310	\$278	\$244	113.86%	(\$34)	100.00%	\$244	\$0				
2 NON PRMT INSP/REINSP	150	\$20	\$126	15.91%	\$106	100.00%	\$126	\$0				
3 STAND BY-ENGINE COMP	7	\$104	\$243	42.75%	\$139	100.00%	\$243	\$0				
4 BAUTT. CHIEF STAND BY	5	\$62	\$93	66.38%	\$31	100.00%	\$93	\$0				
5 ALRM SYS INSP & PRMT	50	\$60	\$126	47.77%	\$66	100.00%	\$126	\$0				
6 HALON SYSTEM PERMIT	10	\$60	\$126	47.58%	\$66	100.00%	\$126	\$0				
7 HOOD/DUCT INSPECTION	10	\$33	\$126	26.17%	\$93	100.00%	\$126	\$0				
8 FIRE FLOW STUDY	20	\$108	\$287	37.61%	\$179	100.00%	\$287	\$0				
9 SPRAY BOOTH INSPECTN	1	\$46	\$241	19.09%	\$195	100.00%	\$241	\$0				
10 SPRKLR SYS INSP <25	5	\$82	\$473	17.34%	\$391	100.00%	\$473	\$0				
11 SPRKLR SYS IN. 25-99	5	\$220	\$559	39.38%	\$339	100.00%	\$559	\$0				
12 SPRKLR SYS INSP >99	10	\$423	\$645	65.58%	\$222	100.00%	\$645	\$0				
13 ANNUAL SPRKLR FLAW TS	120	\$35	\$244	14.34%	\$209	100.00%	\$244	\$0				
14 FALSE ALARM-COMMERCL	50	\$89	\$161	55.16%	\$72	100.00%	\$161	\$0				
15 FALSE ALARM-RESDNIL	50	\$26	\$81	32.18%	\$55	100.00%	\$81	\$0				
16 CLEARANCE LETTER	20	\$26	\$64	40.37%	\$38	100.00%	\$64	\$0				
17 HAZMAT RSPNSE/CLNUP	7	\$146	\$2,427	6.01%	\$2,281	100.00%	\$2,427	\$0				
18 ENTRNCE-LOCKED BLDG	10	\$104	\$237	43.96%	\$133	100.00%	\$237	\$0				
19 ENTRNCE-LOCKED CAR	100	\$78	\$178	43.89%	\$100	100.00%	\$178	\$0				
20 MEDICAL ASST. RSPNSE	2105	\$34	\$254	13.40%	\$220	100.00%	\$254	\$0				
21 FIRE SAFETY TRNNG	50	\$40	\$105	38.19%	\$65	100.00%	\$105	\$0				
22 WATER/FLOOD CLNUP	3	\$36	\$282	12.75%	\$246	100.00%	\$282	\$0				
23 BURN RGULTN ENFERCMNT	5	\$104	\$237	43.92%	\$133	100.00%	\$237	\$0				
24 WEED ABATEMENT	6	\$0	\$42	0.00%	\$42	100.00%	\$42	\$0				
25 PREVENTION	1	\$0	\$502,462	0.00%	\$502,462	0.00%	\$0	\$502,462				
26 SUPPRESSION	1	\$0	\$2,759,199	0.00%	\$2,759,199	0.00%	\$0	\$2,759,199				

EI Centro - FIRE DEPARTMENT
User Fee Study Summary Sheet

		Total Program Information						
FIRE DEPARTMENT		REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE
1	PERMIT INSP & ISSNCE	\$86,180	113.86%	\$75,687	(\$10,494)	100.00%	\$75,687	(\$10,494)
2	NON PRMF INSP/INSP	\$3,000	15.91%	\$18,860	\$15,860	100.00%	\$18,860	\$15,860
3	STAND BY-ENGINE COMP	\$728	42.75%	\$1,703	\$975	100.00%	\$1,703	\$975
4	BATT. CHIEF STAND BY	\$310	66.38%	\$467	\$157	100.00%	\$467	\$157
5	ALARM SYS INSP & PRMT	\$3,000	47.77%	\$6,280	\$3,280	100.00%	\$6,280	\$3,280
6	HALON SYSTEM PERMIT	\$600	47.58%	\$1,261	\$661	100.00%	\$1,261	\$661
7	HOOD/DUCT INSPECTION	\$330	26.17%	\$1,261	\$931	100.00%	\$1,261	\$931
8	FIRE FLOW STUDY	\$2,160	37.61%	\$5,743	\$3,583	100.00%	\$5,743	\$3,583
9	SPRAY BOOTH INSPECTN	\$46	19.09%	\$241	\$195	100.00%	\$241	\$195
10	SPRKL R SYS INSP <25	\$410	17.34%	\$2,364	\$1,954	100.00%	\$2,364	\$1,954
11	SPRKL R SYS IN. 25-99	\$1,100	39.38%	\$2,793	\$1,693	100.00%	\$2,793	\$1,693
12	SPRKL R SYS INSP >99	\$4,230	65.58%	\$6,450	\$2,220	100.00%	\$6,450	\$2,220
13	ANNUAL SPRKL R FLW TS	\$4,200	14.34%	\$29,292	\$25,092	100.00%	\$29,292	\$25,092
14	FALSE ALARM-COMMERCL	\$4,450	55.10%	\$8,068	\$3,618	100.00%	\$8,068	\$3,618
15	FALSE ALARM-RESDNLT	\$1,300	32.18%	\$4,040	\$2,740	100.00%	\$4,040	\$2,740
16	CLEARANCE LETTER	\$520	40.37%	\$1,288	\$768	100.00%	\$1,288	\$768
17	HAZMAT RSPNSE/CLNUP	\$1,022	6.01%	\$16,991	\$15,969	100.00%	\$16,991	\$15,969
18	ENTRANCE-LOCKED BLDG	\$1,040	43.96%	\$2,366	\$1,326	100.00%	\$2,366	\$1,326
19	ENTRANCE-LOCKED CAR	\$7,800	43.89%	\$17,770	\$9,970	100.00%	\$17,770	\$9,970
20	MEDICAL ASST. RSPNSE	\$71,570	13.40%	\$534,165	\$462,595	100.00%	\$534,165	\$462,595
21	FIRE SAFETY TRNG	\$2,000	38.19%	\$5,237	\$3,237	100.00%	\$5,237	\$3,237
22	WATER/FLOOD CLNUP	\$108	12.75%	\$847	\$739	100.00%	\$847	\$739
23	BURN RGULTN ENFERCMT	\$520	43.92%	\$1,184	\$664	100.00%	\$1,184	\$664
24	WEED ABATEMENT	\$0	0.00%	\$250	\$250	100.00%	\$250	\$250
25	PREVENTION	\$0	0.00%	\$502,462	\$502,462	0.00%	\$0	\$0
26	SUPPRESSION	\$0	0.00%	\$2,759,199	\$2,759,199	0.00%	\$0	\$0
Total Department		\$196,624	4.91%	\$4,006,268	\$3,809,644	18.59%	\$744,607	\$547,983
User Fee Services		\$196,624	26.41%	\$744,607	\$547,983	100.00%	\$744,607	\$547,983

* These services are non-fee related and have been excluded from the "User Fee Services" totals above.

SECTION IV

PARKS, RECREATION & COMMUNITY SERVICES

Parks and Recreation

FINDINGS & RECOMMENDATIONS

The total cost of the Parks Department's operation is \$1,608,514. As displayed in Exhibit I earlier in this report, \$1,068,999 (66%) of the total costs are set aside as non-fee related, leaving \$539,515 (34%) associated with fee-for-service activities. Department staff has made an overall recommendation of an 18% recovery level. This would result in a possible increase of \$42,228 in revenue. Non-fee related costs are expended for the city's general park maintenance or graffiti removal. Fee-related services are primarily associated with providing facilities and grounds maintenance services in support of various recreation programs. Parks and recreation activities come and go fairly often, depending on the season and the popularity of the activity provided. Because of this variability, this cost analysis was performed at the program level rather than the individual activity level, with the underlying assumption that the proportionate split of the program costs will remain relatively constant regardless of whether new or recurring activities are being offered.

Notes and Highlights:

- The Field Light fees are a big concern of the Department. Currently, 8,258 hours of field light are being provided. However, only 1,408 of these hours are billable. The remaining 6,850 hours are being used by youth leagues which abuse the generosity of the Department by request light time and then not showing up. Not only is this a huge cost to the City, but an inconvenience to the homeowners near the fields who have to deal with the light when no one is playing. An overall recommendation (for the billable hours) of \$5 per hour is being suggested. The Department feels that this would resolve the issue of requesting light and then not showing up.
- A slight increase for Gym Use is being recommended. Raising the fee from \$1.50 to \$2.00 will help to cover the increasing maintenance costs of the gym.
- The Department has recommended a \$10 increase for both the Swimming Lessons and Summer Day Camp fees. These increases could potentially bring in an additional \$4,830 in revenue.

PER UNIT INFORMATION

The following page (18) provides information about each fee area, on a per unit basis. These spreadsheets display fee title, annual volume of activity, current fee, current cost recovery level, 100% of full cost, and current subsidy. Also displayed are recommended recovery levels, recommended fees, and remaining subsidies.

TOTAL PROGRAM INFORMATION

This summary sheet (on page 19) reviews the annual revenue/cost information and recommendations. Increases in revenues are also displayed.

El Centro - Parks and Recreation User Fee Study Summary Sheet

PARKS AND RECREATION		Per Unit Information									
		UNIT VOLUME	CURRENT FEE	FULL COST	RECOVERY RATE	CURRENT SUBSIDY	RECOMM. RECOVERY RATE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE		
1	FIELD FEES	1703	\$0	\$64	0.00%	\$64	15.66%	\$10	\$54		
2	FIELD LIGHT FEES	1408	\$5	\$40	12.64%	\$35	25.27%	\$10	\$30		
3	SNACK BAR FEES	295	\$0	\$17	0.00%	\$17	59.95%	\$10	\$7		
4	RAMADA FEES	106	\$10	\$42	23.82%	\$32	47.63%	\$20	\$22		
5	BEER PERMIT	56	\$10	\$69	14.46%	\$59	36.16%	\$25	\$44		
6	COMM. CNTR.RENTAL	273	\$40	\$207	19.34%	\$167	29.01%	\$60	\$147		
7	GYM USE	4116	\$1.50	\$32	4.71%	\$30	6.28%	\$2	\$30		
8	GYM RENTAL	3	\$35	\$7,501	0.47%	\$7,466	0.47%	\$35	\$7,466		
9	POOL RENTAL	96	\$50	\$287	17.42%	\$237	20.90%	\$60	\$227		
10	SUMMER DAY CAMP	291	\$40	\$62	64.95%	\$22	81.18%	\$50	\$12		
11	SWIMMING LESSONS	192	\$40	\$142	28.19%	\$102	35.24%	\$50	\$92		
12	SPORT ACTIVITIES	200	\$40	\$395	10.13%	\$355	10.13%	\$40	\$355		
13	NON FEE ACTIVITY	1	\$0	\$1,068,999	0.00%	\$1,068,999	0.00%	\$0	\$1,068,999		

El Centro - Parks and Recreation User Fee Study Summary Sheet

		Total Program Information						
PARKS AND RECREATION		REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE
1	FIELD FEES	\$0	0.00%	\$108,720	\$108,720	15.66%	\$17,030	\$17,030
2	FIELD LIGHT FEES	\$7,040	12.64%	\$55,715	\$48,675	25.27%	\$14,080	\$7,040
3	SNACK BAR FEES	\$0	0.00%	\$4,921	\$4,921	59.95%	\$2,950	\$2,950
4	RAMADA FEES	\$1,060	23.82%	\$4,451	\$3,391	47.63%	\$2,120	\$1,060
5	BEER PERMIT	\$560	14.46%	\$3,872	\$3,312	36.16%	\$1,400	\$840
6	COMM. CNTR RENTAL	\$10,920	19.34%	\$56,473	\$45,553	29.01%	\$16,380	\$5,460
7	GYM USE	\$6,174	4.71%	\$131,136	\$124,962	6.28%	\$8,232	\$2,058
8	GYM RENTAL	\$105	0.47%	\$22,504	\$22,399	0.47%	\$105	\$0
9	POOL RENTAL	\$4,800	17.42%	\$27,560	\$22,760	20.90%	\$5,760	\$960
10	SUMMER DAY CAMP	\$11,640	64.95%	\$17,923	\$6,283	81.18%	\$14,550	\$2,910
11	SWIMMING LESSONS	\$7,680	28.19%	\$27,243	\$19,563	35.24%	\$9,600	\$1,920
12	SPORT ACTIVITIES	\$8,000	10.13%	\$79,000	\$71,000	10.13%	\$8,000	\$0
13	NON FEE ACTIVITY	\$0	0.00%	\$1,068,999	\$1,068,999	0.00%	\$0	\$0
Total Department		\$57,979	3.60%	\$1,608,514	\$1,550,535	6.23%	\$100,207	\$42,228
User Fee Services		\$57,979	10.75%	\$539,515	\$481,536	18.57%	\$100,207	\$42,228

* These services are non-fee related and have been excluded from the "User Fee Services" totals above.

SECTION V

ENGINEERING

ENGINEERING

FINDINGS & RECOMMENDATIONS

The total cost of the Engineering Division's operation is \$550,891. As displayed in Exhibit I earlier in this report, \$438,476 (80%) of the total costs are set aside as non-fee related, leaving \$112,415 (20%) associated with fee-for-service activities. The analysis for fee-related services did not include any proposed new fees.

Current User Fees

The summary sheet on page 22 shows that the total annual cost of current user fee services is \$112,415. Current revenues collected for these services total \$45,508 which translates into a cost recovery rate of 40%. Cost recovery levels for individual fees within this category range from 0% for taxi stand permit reviews (#9), to 77% for duplicating maps (#1). Department management and staff have made a general recommendation of 100% cost recovery. The recommended fees on pages 21 have been rounded up or down to the nearest whole dollar, which has a slight effect on the recommended cost recovery percentages, and remaining subsidies. Implementing the fees as recommended will increase current revenues by \$66,907 and bring the cost recovery level up to 100%. This will eliminate the current subsidy of \$66,907.

Notes and Highlights:

- Twenty-four fees or program areas were analyzed within the Engineering division.
- Non-fee activity has been determined to cost \$281,072. These costs mainly consist of capital improvement projects.
- All fees have been recommended for a 100% recovery level.
- Fees ten through twenty-two are fees for which engineering supports the planning department. These costs have been transferred to and will be analyzed within the planning spreadsheets.
- Encroachment permit inspections (#2) is being recommended to increase from \$68 to \$188
- The current fee for Major Plan Check (#5) is currently 2% of costs. However, this is only recovering 56% of costs. In order to raise the fee to cover the full costs, the department has recommended and increase to 2.88% of costs. This could potentially bring in an additional \$20,307 in revenue.

PER UNIT INFORMATION

The following pages (21) provide information about each fee area, on a per unit basis. This spreadsheet displays fee title, annual volume of activity, current fee, current cost recovery level, 100% of full cost, and current subsidy. Also displayed are recommended recovery levels, recommended fees, and remaining subsidies.

TOTAL PROGRAM INFORMATION

This summary sheet (on page 22) reviews the same fee information and recommendations identified in the per unit summary sheet, but annualizes the cost/revenue projections by multiplying that information by the annual volume of activity. Increases in revenues are also displayed.

El Centro - Engineering User Fee Study Summary Sheet

Engineering		Per Unit Information									
		UNIT VOLUME	CURRENT FEE	FULL COST	RECOVERY RATE	CURRENT SUBSIDY	RECOMM. RECOVERY RATE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE		
1	DUPLICATING MAPS	100	\$22	\$28	77.63%	\$6	100.00%	\$28	\$0		
2	ENCRHMENT PRMT INSP	200	\$68	\$188	36.12%	\$120	100.00%	\$188	\$0		
3	FINAL PARCEL MAP RVW	8	\$53	\$532	10.00%	\$479	100.00%	\$532	\$0		
4	FINAL TRACT MAP RVW	4	\$160	\$1,173	13.65%	\$1,013	100.00%	\$1,173	\$0		
5	MAJOR PLAN CHECK	5	\$5,296	\$9,357	56.60%	\$4,061	100.00%	\$9,357	\$0		
6	STREET VACATION RVW	2	\$291	\$1,645	17.70%	\$1,354	100.00%	\$1,645	\$0		
7	SUBDIV. AGRMNT RVW	4	\$70	\$108	64.81%	\$38	100.00%	\$108	\$0		
8	TRFC/PRKNG CNTRL RQ	10	\$130	\$1,172	11.10%	\$1,042	100.00%	\$1,172	\$0		
9	TAXI STAND PMT RVW	2	\$0	\$379	0.00%	\$379	100.00%	\$379	\$0		
10	LOT LINE ADJUSTMENT	7	\$0	\$63	0.00%	\$63	0.00%	\$0	\$63		
11	E.I.R.	2	\$0	\$1,978	0.00%	\$1,978	0.00%	\$0	\$1,978		
12	ZONE CHANGE	7	\$0	\$126	0.00%	\$126	0.00%	\$0	\$126		
13	C.U.P.	17	\$0	\$262	0.00%	\$262	0.00%	\$0	\$262		
14	SITE PLAN REVIEW	29	\$0	\$255	0.00%	\$255	0.00%	\$0	\$255		
15	TEMP. USE PERMIT	11	\$0	\$36	0.00%	\$36	0.00%	\$0	\$36		
16	TENTATIVE MAP	4	\$0	\$909	0.00%	\$909	0.00%	\$0	\$909		
17	PARCEL MAP	3	\$0	\$112	0.00%	\$112	0.00%	\$0	\$112		
18	ADMIN CONSTRUCTN RVW	17	\$0	\$32	0.00%	\$32	0.00%	\$0	\$32		
19	GENERAL PLAN AMNDMNT	4	\$0	\$252	0.00%	\$252	0.00%	\$0	\$252		
20	SPECIFIC PLAN	1	\$0	\$1,910	0.00%	\$1,910	0.00%	\$0	\$1,910		
21	NEGATIVE DECLARATION	32	\$0	\$36	0.00%	\$36	0.00%	\$0	\$36		
22	E.A.C.	33	\$0	\$42	0.00%	\$42	0.00%	\$0	\$42		
23	PARKS SUPPORT	1	\$0	\$62,610	0.00%	\$62,610	0.00%	\$0	\$62,610		
24	ECON DEV. SUPPORT	1	\$0	\$67,306	0.00%	\$67,306	0.00%	\$0	\$67,306		
25	NON FEE RELATED	1	\$0	\$281,072	0.00%	\$281,072	0.00%	\$0	\$281,072		

El Centro - Engineering User Fee Study Summary Sheet

Total Program Information							
	REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE
Engineering							
1	\$2,200	100.00%	\$2,834	\$634	100.00%	\$2,834	\$634
2	\$13,600	36.12%	\$37,652	\$24,052	100.00%	\$37,652	\$24,052
3	\$426	10.00%	\$4,258	\$3,832	100.00%	\$4,258	\$3,832
4	\$640	13.65%	\$4,690	\$4,050	100.00%	\$4,690	\$4,050
5	\$26,480	56.60%	\$46,787	\$20,307	100.00%	\$46,787	\$20,307
6	\$582	17.70%	\$3,289	\$2,707	100.00%	\$3,289	\$2,707
7	\$280	64.81%	\$432	\$152	100.00%	\$432	\$152
8	\$1,300	11.10%	\$11,716	\$10,416	100.00%	\$11,716	\$10,416
9	\$0	100.00%	\$757	\$757	100.00%	\$757	\$757
10	\$0	0.00%	\$443	\$443	0.00%	\$0	\$0
11	\$0	0.00%	\$3,956	\$3,956	0.00%	\$0	\$0
12	\$0	0.00%	\$882	\$882	0.00%	\$0	\$0
13	\$0	0.00%	\$4,453	\$4,453	0.00%	\$0	\$0
14	\$0	0.00%	\$7,383	\$7,383	0.00%	\$0	\$0
15	\$0	0.00%	\$398	\$398	0.00%	\$0	\$0
16	\$0	0.00%	\$3,635	\$3,635	0.00%	\$0	\$0
17	\$0	0.00%	\$336	\$336	0.00%	\$0	\$0
18	\$0	0.00%	\$536	\$536	0.00%	\$0	\$0
19	\$0	0.00%	\$1,007	\$1,007	0.00%	\$0	\$0
20	\$0	0.00%	\$1,910	\$1,910	0.00%	\$0	\$0
21	\$0	0.00%	\$1,162	\$1,162	0.00%	\$0	\$0
22	\$0	0.00%	\$1,387	\$1,387	0.00%	\$0	\$0
23	\$0	0.00%	\$62,610	\$62,610	0.00%	\$0	\$0
24	\$0	0.00%	\$67,306	\$67,306	0.00%	\$0	\$0
25	\$0	0.00%	\$281,072	\$281,072	0.00%	\$0	\$0
Total Department		8.26%	\$550,891	\$505,383	20.41%	\$112,415	\$66,907
User Fee Services		40.48%	\$112,415	\$66,907	100.00%	\$112,415	\$66,907

* These activities are non-fee related and are excluded from the "User Fee Services" totals above.

a) The costs for fees 10-22 have been allocated to the appropriate fees within Planning and will be recovered through those fees.

SECTION VI

PLANNING

PLANNING DEPARTMENT

FINDINGS & RECOMMENDATIONS

The total cost of the Planning Division's operation is \$461,259. As displayed in Exhibit I earlier in this report, \$279,966 (61%) of the total costs are set aside as non-fee related, leaving \$181,293 (39%) associated with fee-for-service activities.

Current User Fees

The summary sheet on page 25 shows that the total annual cost of current user fee services is \$181,293. Current revenues collected for these services total \$63,568 which translates into a cost recovery rate of 35%. Cost recovery levels for individual fees within this category range from 6% for planning commission interpretation (#19), to an over-recovery of 782% for map/book copies (#25). Department management and staff have made a general recommendation of 100% cost recovery. The recommended fees on page 24 have been rounded up or down to the nearest whole dollar, which has a slight effect on the recommended cost recovery percentages, and remaining subsidies. Implementing the fees as recommended could increase current revenues by \$117,725 and bring the cost recovery level up to 100%.

Notes and Highlights:

- Twenty-seven fees or services were analyzed within the Planning Department.
- Zoning/Land Use Verification may increase from \$18 to \$183, this would raise the recovery level to 100% and eliminate the current \$165 subsidy.
- Department staff has recommended that site plan reviews increase from \$295 to \$625. This could potentially bring in an additional \$9,432 in revenue.
- Negative Declarations are currently being recovered at 47%. A recommendation to 100% recovery would raise the fee to \$830 and could result in an additional \$14,151 in revenue.

PER UNIT INFORMATION

The following page (24) provides information about each fee area, on a per unit basis. This spreadsheet displays fee title, annual volume of activity, current fee, current cost recovery level, 100% of full cost, and current subsidy. Also displayed are recommended recovery levels, recommended fees, and remaining subsidies.

TOTAL PROGRAM INFORMATION

These summary sheet (on pages 25) reviews the same fee information and recommendations identified in the per unit summary sheet, but annualizes the cost/revenue projections by multiplying that information by the annual volume of activity. Increases in revenues are also displayed.

El Centro - COMMUNITY PLANNING

User Fee Study Summary Sheet

COMMUNITY PLANNING		Per Unit Information									
		UNIT VOLUME	CURRENT FEE	FULL COST	RECOVERY RATE	CURRENT SUBSIDY	RECOMM. RECOVERY RATE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE		
1	ADMN COMMITTEE RVW	17	\$105	\$428	24.56%	\$323	100.00%	\$428	\$0		
2	CVC CNTR STE PLN RVW	1	\$387	\$1,012	38.24%	\$625	100.00%	\$1,012	\$0		
3	C.U.P.	17	\$654	\$2,210	29.59%	\$1,556	100.00%	\$2,210	\$0		
4	ZONE CHANGE	7	\$593	\$2,074	28.59%	\$1,481	100.00%	\$2,074	\$0		
5	EIR REVIEW	2	\$667	\$3,927	16.98%	\$3,260	100.00%	\$3,927	\$0		
6	GENERAL PLAN AMNDMNT	4	\$859	\$2,564	33.51%	\$1,705	100.00%	\$2,564	\$0		
7	INITIAL STUDY/ E.A.C	33	\$140	\$474	29.53%	\$334	100.00%	\$474	\$0		
8	LOT LINE ADJUSTMENT	7	\$34	\$315	10.78%	\$281	100.00%	\$315	\$0		
9	NEGATIVE DECLARATION	32	\$388	\$830	46.73%	\$442	100.00%	\$830	\$0		
10	PARCEL MAP	3	\$371	\$1,121	33.11%	\$750	100.00%	\$1,121	\$0		
11	SITE PLAN REVIEW	29	\$295	\$620	47.56%	\$325	100.00%	\$620	\$0		
12	TENTATIVE MAP	4	\$896	\$2,793	32.09%	\$1,897	100.00%	\$2,793	\$0		
13	ZONING VARIANCE	1	\$525	\$867	60.55%	\$342	100.00%	\$867	\$0		
14	MNR ZONING TXT AMNDT	1	\$562	\$938	59.91%	\$376	100.00%	\$938	\$0		
15	MJR ZONING TXT AMNDT	1	\$1,419	\$1,737	81.69%	\$318	100.00%	\$1,737	\$0		
16	ZNING/LND USE VRFCN	25	\$18	\$183	9.84%	\$165	100.00%	\$183	\$0		
17	APPEAL TO CITY CNCL	3	\$196	\$867	22.60%	\$671	100.00%	\$867	\$0		
18	APPEAL TO PLNG COMM	1	\$196	\$1,911	10.26%	\$1,715	100.00%	\$1,911	\$0		
19	PLNG COMM INTRPRN	1	\$56	\$925	6.05%	\$869	100.00%	\$925	\$0		
20	SPECIFIC PLAN	1	\$875	\$4,148	21.09%	\$3,273	100.00%	\$4,148	\$0		
21	TEMP. USE PERMIT	11	\$43	\$181	23.72%	\$138	100.00%	\$181	\$0		
22	TIME EXTENSION	1	\$56	\$506	11.07%	\$450	100.00%	\$506	\$0		
23	DEV. AGRMNT RVW	3	\$1,427	\$1,806	79.03%	\$379	100.00%	\$1,806	\$0		
24	MAPS	25	\$18	\$6	308.22%	-\$12	100.00%	\$6	\$0		
25	MAPS/ BOOKS	20	\$45	\$6	782.61%	-\$39	100.00%	\$6	\$0		
26	GENERAL PLAN UPDATE	1	\$0	\$86,225	0.00%	\$86,225	0.00%	\$0	\$86,225		
27	NON FEE ACTIVITY	1	\$0	\$193,741	0.00%	\$193,741	0.00%	\$0	\$193,741		

El Centro - COMMUNITY PLANNING

User Fee Study Summary Sheet

COMMUNITY PLANNING		Total Program Information									
		REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE			
1	ADMN COMMITTEE RVW	\$1,785	24.56%	\$7,268	\$5,483	100.00%	\$7,268	\$5,483			
2	CVC CNTR STE PLN RVW	\$387	38.24%	\$1,012	\$625	100.00%	\$1,012	\$625			
3	C.U.P.	\$11,118	29.59%	\$37,572	\$26,454	100.00%	\$37,572	\$26,454			
4	ZONE CHANGE	\$4,151	28.59%	\$14,518	\$10,367	100.00%	\$14,518	\$10,367			
5	EIR REVIEW	\$1,334	16.98%	\$7,854	\$6,520	100.00%	\$7,854	\$6,520			
6	GENERAL PLAN AMNDMNT	\$3,436	33.51%	\$10,255	\$6,819	100.00%	\$10,255	\$6,819			
7	INITIAL STUDY/E.A.C	\$4,620	29.53%	\$15,644	\$11,024	100.00%	\$15,644	\$11,024			
8	LOT LINE ADJUSTMENT	\$238	10.78%	\$2,207	\$1,969	100.00%	\$2,207	\$1,969			
9	NEGATIVE DECLARATION	\$12,416	46.73%	\$26,567	\$14,151	100.00%	\$26,567	\$14,151			
10	PARCEL MAP	\$1,113	33.11%	\$3,362	\$2,249	100.00%	\$3,362	\$2,249			
11	SITE PLAN REVIEW	\$8,555	47.56%	\$17,987	\$9,432	100.00%	\$17,987	\$9,432			
12	TENTATIVE MAP	\$3,584	32.09%	\$11,170	\$7,586	100.00%	\$11,170	\$7,586			
13	ZONING VARIANCE	\$525	60.55%	\$867	\$342	100.00%	\$867	\$342			
14	MNR ZONING TXT AMNDT	\$562	59.91%	\$938	\$376	100.00%	\$938	\$376			
15	MJR ZONING TXT AMNDT	\$1,419	81.69%	\$1,737	\$318	100.00%	\$1,737	\$318			
16	ZNING/LND USE VRFCN	\$450	9.84%	\$4,571	\$4,121	100.00%	\$4,571	\$4,121			
17	APPEAL TO CITY CNCL	\$588	22.60%	\$2,602	\$2,014	100.00%	\$2,602	\$2,014			
18	APPEAL TO PLNNG COMM	\$196	10.26%	\$1,911	\$1,715	100.00%	\$1,911	\$1,715			
19	PLNNG COMM INTRPRTN	\$56	6.05%	\$925	\$869	100.00%	\$925	\$869			
20	SPECIFIC PLAN	\$875	21.09%	\$4,148	\$3,273	100.00%	\$4,148	\$3,273			
21	TEMP. USE PERMIT	\$473	23.72%	\$1,994	\$1,521	100.00%	\$1,994	\$1,521			
22	TIME EXTENSION	\$56	11.07%	\$506	\$450	100.00%	\$506	\$450			
23	DEV. AGRMNT RVW	\$4,281	79.03%	\$5,417	\$1,136	100.00%	\$5,417	\$1,136			
24	MAPS	\$450	308.22%	\$146	(\$304)	100.00%	\$146	(\$304)			
25	MAPS/BOOKS	\$900	782.61%	\$115	(\$785)	100.00%	\$115	(\$785)			
26	GENERAL PLAN UPDATE	\$0	0.00%	\$86,225	\$86,225	0.00%	\$0	\$0			
27	NON FEE ACTIVITY	\$0	0.00%	\$193,741	\$193,741	0.00%	\$0	\$0			
Total Department		\$63,568	13.78%	\$461,259	\$397,691	39.30%	\$181,293	\$117,725			
User Fee Services		\$63,568	35.06%	\$181,293	\$117,725	100.00%	\$181,293	\$117,725			

*
*

* These services are non-fee related and have been excluded from the "User Fee Services" totals above.

SECTION VII

BUILDING

BUILDING AND SAFETY

FINDINGS & RECOMMENDATIONS

The total cost of the Building Division's operation is \$286,984. As displayed in Exhibit I earlier in this report, none of the total costs are set aside as non-fee related, meaning that 100% are associated with fee-for-service activities.

It should be noted that there is no distinction between current user fees and proposed user fees for this division. Every building inspection and plan checking fee is calculated individually for each project, and is derived from a set of rate tables provided in the Uniform Building Code (UBC rate table 3-A). These rate tables provide for fee calculations based on construction valuation (adjusted by geographic location) and type of construction, and are updated every three years.

Current User Fees

The summary sheet on page 27 shows that the total annual cost of current user fee services is \$286,984. Current revenues collected for these services total \$168,105 which translates into a cost recovery rate of 59%. Cost recovery levels for individual fees within this category range from 14% for new single family/duplex (#2) to 82% for new residential/subdivisions (#5). Department management and staff have made a general recommendation of 100% cost recovery. Implementing the fees as recommended will increase current revenues by \$118,879 and bring the cost recovery level to 100%.

Notes and Highlights:

- All fees within the New Single Family/Duplex category are currently recovering at a rate of 14%. In order to increase the recovery rate to 100%, all fees would have to increase by 684%. This will potentially bring in an additional \$21,040 in revenues.
- Fees associated with Minor Additions and Alterations were determined to be recovering at a 44% and are recommended to increase by 227%.
- All fees within the miscellaneous permits category should increase by 148%. This could bring the recovery level to 100% and potentially bring in an additional \$3,793 in revenue.

PER UNIT INFORMATION

A per unit analysis was not performed for this division. As mentioned above, each inspection and plan checking fee is calculated specifically for each project, thus making a per-unit fee analysis (based on averages) meaningless. Therefore the analysis was performed on a total annual program basis, breaking the costs expended and revenues generated down into different construction types. To determine individual fee increases or decreases within these programs, the city can apply a factor, based on the approved percentage, to all fees within each program area.

TOTAL PROGRAM INFORMATION

This summary sheet (on page 27) reviews the annual revenue/cost information and recommendations. Increases in revenues are also displayed.

EI Centro - BUILDING AND SAFETY
User Fee Study Summary Sheet

		Total Program Information						
BUILDING AND SAFETY		REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE
1	MNR ADDITNS & ALTRNS	\$40,771	44.06%	\$92,545	\$51,774	100.00%	\$92,545	\$51,774
2	NEW SFR/DUPLEX	\$3,600	14.61%	\$24,640	\$21,040	100.00%	\$24,640	\$21,040
3	NEW MULTIPLE FAMILY	\$9,316	52.87%	\$17,621	\$8,305	100.00%	\$17,621	\$8,305
4	NEW COMMERCIAL/INSTR	\$51,678	69.94%	\$73,884	\$22,206	100.00%	\$73,884	\$22,206
5	NEW RESIDENTIAL/SUB	\$54,984	82.38%	\$66,745	\$11,761	100.00%	\$66,745	\$11,761
6	MISC. PERMITS	\$7,756	67.16%	\$11,549	\$3,793	100.00%	\$11,549	\$3,793
Total Department		\$168,105	58.58%	\$286,984	\$118,879	100.00%	\$286,984	\$118,879
User Fee Services		\$168,105	58.58%	\$286,984	\$118,879	100.00%	\$286,984	\$118,879

SECTION VIII

LIBRARY

LIBRARY

The City of El Centro Public Library provides a variety of services to the public. These include professional staff, library tours and instruction, school outreach, special occasion programs, community information, internet services, and a variety of other services that serve for the education and benefit of the public. These services preserve local history and provide equal access to information, ideas and knowledge through books, programs, and technology.

The current cost of the Library operation is \$458,847. Of this amount, \$383,032 (83%) is regarded as non fee service and \$75,815 (17%) is fee related. Currently, the Library is recovering costs at 17%. Slight increases in room rentals and inter library loans have been recommended and could bring the recovery level up to 18%.

ECONOMIC & POLICY CONSIDERATIONS

Elasticity – Demand for most library services is somewhat elastic. There is a basic perception by the public that library services are paid for by tax dollars and this perception tends to extend to all services, regardless of benefit. Also, in a tight economy, demand for non-essential goods or activities tend to decline. This is especially true if the activity is perceived to be costly.

Subsidy – Library services are heavily subsidized. The community-wide benefits, far outweigh the individual benefits and therefore services are generally provided for free. In times where general fund monies are stretched, cities will typically eliminate library services rather than begin implementing fees. However, MAXIMUS has seen a trend for fee implementation and fee increases where a specific individual benefits from a specific service.

PER UNIT INFORMATION

The following page (29) provides information about each fee area, on a per unit basis. This spreadsheet displays fee title, annual volume of activity, current fee, current cost recovery level, 100% of full cost, and current subsidy. Also displayed are recommended recovery levels, recommended fees, and remaining subsidies.

TOTAL PROGRAM INFORMATION

These summary sheet (on page 30) reviews the same fee information and recommendations identified in the per unit summary sheet, but annualizes the cost/revenue projections by multiplying that information by the annual volume of activity. Increases in revenues are also displayed

El Centro - LIBRARY
User Fee Study Summary Sheet

		Per Unit Information									
LIBRARY	UNIT VOLUME	CURRENT FEE	FULL COST	RECOVERY RATE	CURRENT SUBSIDY	RECOMM. RECOVERY RATE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE			
	1	\$2,000	\$12,488	16.02%	\$10,488	16.02%	\$2,000	\$10,488			
1	DAMAGED MAT-BOOK	\$500	\$10,854	4.61%	\$10,354	4.61%	\$500	\$10,354			
2	DAMAGED MAT-VIDEO	\$2,000	\$14,401	13.89%	\$12,401	13.89%	\$2,000	\$12,401			
3	LOST MATERIAL PRCSNG	\$500	\$10,107	4.95%	\$9,607	4.95%	\$500	\$9,607			
4	LOST CARD REPLACEMENT	\$250	\$3,286	7.61%	\$3,036	7.61%	\$250	\$3,036			
5	RESERVE MATERIAL-PHE	\$250	\$6,571	3.80%	\$6,321	3.80%	\$250	\$6,321			
6	RESERVE MATERIAL-ML	\$4,900	\$6,600	74.24%	\$1,700	74.24%	\$4,900	\$1,700			
8	OVERDUE FINE-DAY	\$500	\$1,073	46.60%	\$573	46.60%	\$500	\$573			
9	TEMPORARY LIB CARD	\$400	\$2,450	16.33%	\$2,050	16.33%	\$400	\$2,050			
10	OVERDUE VIDEO	\$100	\$1,073	9.32%	\$973	9.32%	\$100	\$973			
11	NON-REWOUND VIDEO	\$1,600	\$3,771	42.43%	\$2,171	42.43%	\$1,600	\$2,171			
12	MULTI PRPSE RM RENTL	\$0	\$1,073	0.00%	\$1,073	0.00%	\$0	\$1,073			
13	MULTI PRPSE RM CLNUP	\$0	\$20	0.00%	\$20	0.00%	\$0	\$20			
14	INTER LIBRARY LOAN	\$0	\$383,032	0.00%	\$383,032	0.00%	\$0	\$383,032			
15	LIBRARY SERVICES	\$0					\$0				

EI Centro - LIBRARY
User Fee Study Summary Sheet

Total Program Information									
LIBRARY	REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE		

1	DAMAGED MAT-BOOK	\$2,000	16.02%	\$12,488	\$10,488	16.02%	\$2,000	\$0
2	DAMAGED MAT-VIDEO	\$500	4.61%	\$10,854	\$10,354	4.61%	\$500	\$0
3	LOST MATERIAL PRCSNG	\$2,000	13.89%	\$14,401	\$12,401	13.89%	\$2,000	\$0
4	LOST CARD REPLACMNT	\$500	4.95%	\$10,107	\$9,607	4.95%	\$500	\$0
5	RESERVE MATERIAL-PHE	\$250	7.61%	\$3,286	\$3,036	7.61%	\$250	\$0
6	RESERVE MATERIAL-ML	\$250	3.80%	\$6,571	\$6,321	3.80%	\$250	\$0
8	OVERDUE FINE-DAY	\$4,900	74.24%	\$6,600	\$1,700	74.24%	\$4,900	\$0
9	TEMPORARY LIB CARD	\$500	46.60%	\$1,073	\$573	46.60%	\$500	\$0
10	OVERDUE VIDEO	\$400	16.33%	\$2,450	\$2,050	16.33%	\$400	\$0
11	NON-REWOUND VIDEO	\$100	9.32%	\$1,073	\$973	9.32%	\$100	\$0
12	MULTI PRPSE RM RENTL	\$1,600	42.43%	\$3,771	\$2,171	50.00%	\$1,886	\$286
13	MULTI PRPSE RM CLNUP	\$0	0.00%	\$1,073	\$1,073	0.00%	\$0	\$0
14	INTER LIBRARY LOAN	\$0	0.00%	\$2,068	\$2,068	25.00%	\$517	\$517
15	LIBRARY SERVICES	\$0	0.00%	\$383,032	\$383,032	0.00%	\$0	\$0
Total Department		\$13,000	2.83%	\$458,847	\$445,847	3.01%	\$13,802	\$802
User Fee Services		\$13,000	17.15%	\$75,815	\$62,815	18.21%	\$13,802	\$802

* These services are non-fee related and have been excluded from the "User Fee Services" totals above.

SECTION IX

CITY CLERK

CITY CLERK

The purpose of the City Clerk's office is to maintain accurate and comprehensive records for the City's departments, and to facilitate the retrieval of public information in compliance with Federal, State and municipal laws. The City Clerk serves as Clerk of the council, attending, monitoring and retaining complete records of all City Council proceedings.

As custodian of Official Records, the City Clerk maintains all official City documents archives and legislative history. Additionally, the City clerk conducts and certifies all municipal elections; administers oaths and affirmations; and manages legal requirements for t public notice and for the filing of referenda, initiatives, recall petitions annual Statements of Economic Interest and Campaign Disclosure Statements.

The cost of the City Clerk's operation is \$152,190. As seen earlier in Exhibit I, \$151,783 or (99%) of costs have been identified as non fee related. Currently, there is no charge for a certified copy. A recommendation for a fee of \$10 per certified copy is being suggested. Fees two through four identify support that the Clerk provides to both the Planning and Public Works Departments. Those costs have been allocated to these departments and will be recovered through the appropriate fees.

ECONOMIC & POLICY CONSIDERATIONS

Elasticity – Demand for the services provided by the Clerk's office is relatively inelastic. The Clerk's fees generally relate to Council agendas and reporting. Most of the Clerk's customers are developers or other business people who need to be apprised of actions that will affect them. Modest price increases should not affect demand.

Subsidy – It is not uncommon for local government to subsidize a portion of the City Clerk's activities. Many of the services provided by the Clerk's office facilitate greater public access to City Council meetings.

PER UNIT INFORMATION

The following page (32) provides information about each fee area, on a per unit basis. This spreadsheet displays fee title, annual volume of activity, current fee, current cost recovery level, 100% of full cost, and current subsidy. Also displayed are recommended recovery levels, recommended fees, and remaining subsidies.

TOTAL PROGRAM INFORMATION

These summary sheet (on pages 33) reviews the same fee information and recommendations identified in the per unit summary sheet, but annualizes the cost/revenue projections by multiplying that information by the annual volume of activity. Increases in revenues are also displayed

El Centro - CITY CLERK
User Fee Study Summary Sheet

		Per Unit Information									
CITY CLERK		UNIT VOLUME	CURRENT FEE	FULL COST	RECOVERY RATE	CURRENT SUBSIDY	RECOMM. RECOVERY RATE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE	RECOMM. FEE	SUBSIDY @ RECOMM. FEE
1	CERTIFIED COPY	12	\$0	\$34	0.00%	\$34	29.48%	\$10	\$24	\$10	\$24
2	APPEAL TO CITY CNCL	3	\$0	\$149	0.00%	\$149	0.00%	\$0	\$149	\$0	\$149
3	APPEAL TO PLNNG COMM	8	\$0	\$149	0.00%	\$149	0.00%	\$0	\$149	\$0	\$149
4	RECORDING OF PW MAPS	12	\$0	\$63	0.00%	\$63	0.00%	\$0	\$63	\$0	\$63
5	NON FEE ACTIVITY	1	\$0	\$149,389	0.00%	\$149,389	0.00%	\$0	\$149,389	\$0	\$149,389

El Centro - CITY CLERK

User Fee Study Summary Sheet

Total Program Information									
	REVENUE @ CURRENT FEE	% OF FULL COST	REVENUE @ 100% FEE	CURRENT SUBSIDY	RECOMMENDED RECOVERY RATE	REVENUE @ RECOM. FEE	INCREASED REVENUE @ RECOM. FEE		
CITY CLERK									
1 CERTIFIED COPY	\$0	0.00%	\$407	\$407	29.48%	\$120	\$120		
2 APPEAL TO CITY CNCL	\$0	0.00%	\$447	\$447	0.00%	\$0	\$0		
3 APPEAL TO PLNNG COMM	\$0	0.00%	\$1,191	\$1,191	0.00%	\$0	\$0		
4 RECORDING OF PW MAPS	\$0	0.00%	\$756	\$756	0.00%	\$0	\$0		
5 NON FEE ACTIVITY	\$0	0.00%	\$149,389	\$149,389	0.00%	\$0	\$0		
Total Department	\$0	0.00%	\$152,190	\$152,190	0.08%	\$120	\$120		
User Fee Services	\$0	0.00%	\$407	\$407	29.48%	\$120	\$120		

* These services are non-fee related and have been excluded from the "User Fee Services" totals above.

NOTE: The total cost of fees 2 and 3 have been allocated and will be recovered through the Planning fees. The cost for fee 4 has been allocated and will be collected through the Public Works fees.