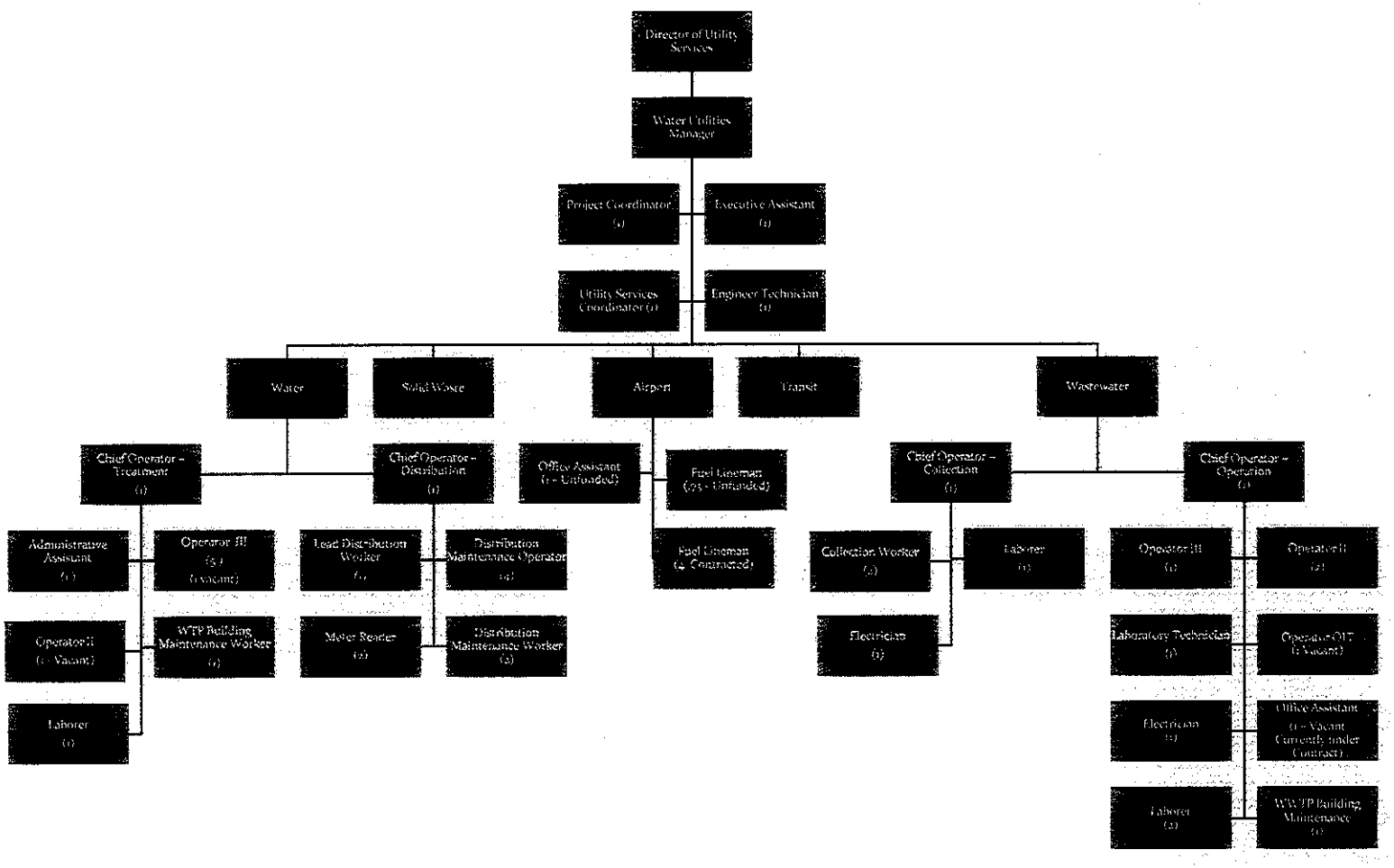
608 Heber Avenue
Calexico, California 92231
760/768-2180 Tele
760/357-5864 Fax
utilityservices@calexico.ca.gov

USD Oversees the following:

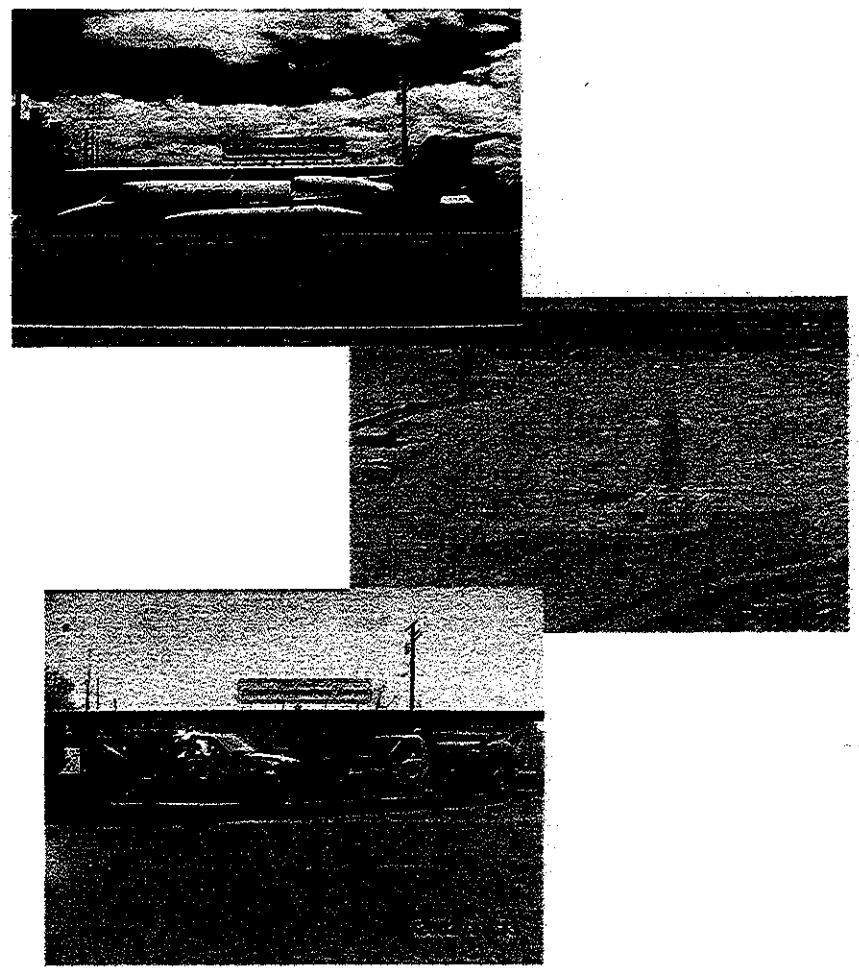
Divisions	FY 10/11 Operating Budget
Administration	$ 623,856
Calexico International Airport	$ 680,240
Solid Waste Management	$ 1,874,337
Transit	$ 391,961
Wastewater Treatment	$ 3,383,756
Wastewater Collection	$ 1,085,713
Water Treatment Plant	$ 3,249,255
Water Distribution	$ 2,256,480
Total	$ 13,548,598

USD Organizational Chart



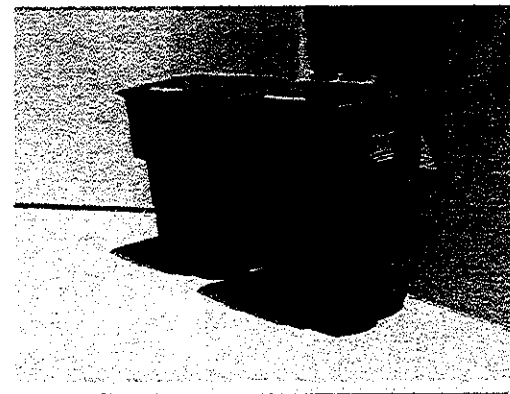
Calexico International Airport

- The Calexico International Airport is located at 801 W. 2nd Street.
- The Airport site is comprised of approximately 305 acres of land; all situated within the City limits of Calexico.
- The Airport is open year round, 24 hours per day. Airport operations personnel are available from 8:00a.m. to 5:00p.m. daily and after hours on request.
- The United States Customs and Border Protection Inspectors are based at the Airport daily from 8:00a.m. to 8:00p.m. and are available upon request after hours.
- There is an average of 25 aircraft operations per day



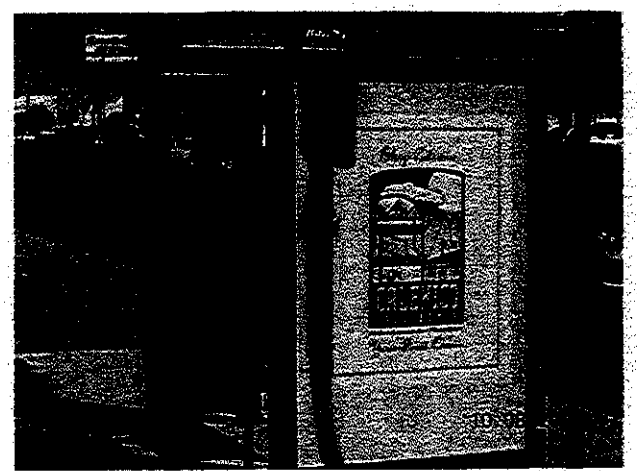
Solid Waste Management

- The City of Calexico has an exclusive franchise agreement with Allied Waste Services to provide residential and commercial trash and recyclable collection services.
- For residents who live north of Highway 98, collection bins are picked-up on Wednesday and for residents who live south of Hwy 98, collection bins are picked-up on Mondays.
- On November 20, 2007, the City of Calexico extended the contract with Allied Waste Services for an additional ten (10) years (January 01, 2010 through December 31, 2019). Under the negotiated terms of the ten (10) year franchise agreement extension the City of Calexico will receive the following benefits:
  - New blue recycling containers for each residence
  - Weekly bulky item pick up for each residence
  - Four (4) Free landfill passes for each residence
  - Three (3) $1,000 annual vocational scholarships for students from Calexico
  - 25% discount for all commercial recycling customers
  - 10% rate discount for one-year on all new construction within the City's Enterprise Zone
  - Approximately $548,000 (10 year period) for a street maintenance fund to improve Calexico roadways



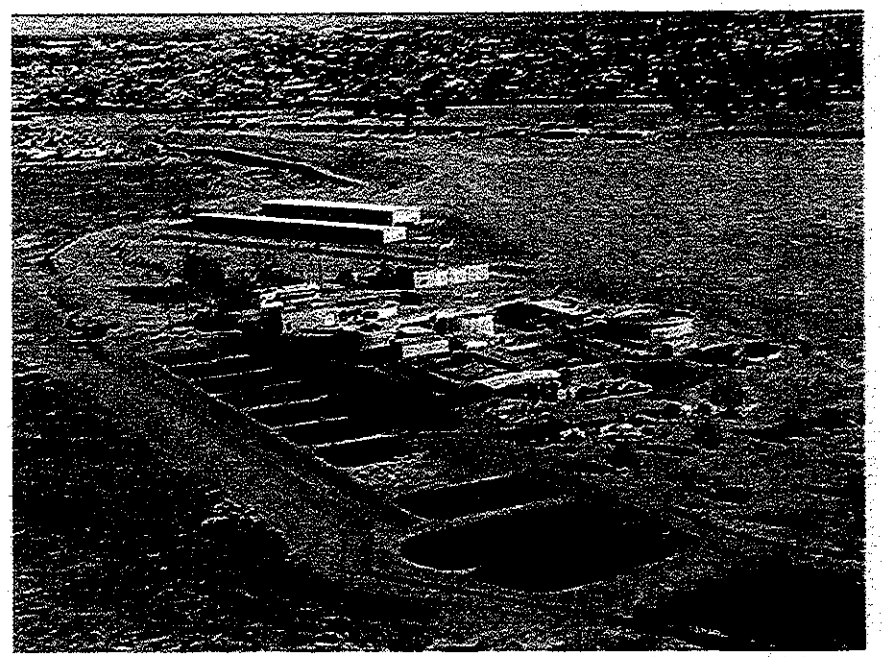
Transit

- Calexico Dial-A-Ride Program
  - Calexico Dial-A-Ride is a curb-to-curb demand responsive public transit service operated by First Transit, Inc.
  - Services is provided to physically and mentally handicapped individuals, some with attendants and senior citizens 60 years of age or older.
  - Calexico Dial-A-Ride can be used for work, medical appointments, school, meetings, senior services, events and much more.
  - All of the four (4) vehicles are wheelchair accessible.
  - Funding
    - State Transportation Development Act
- Bus Shelters
  - The City of Calexico currently has 20 bus stops. Fourteen bus stops have bus shelters. City staff handles the maintenance and cleaning of these bus stops.



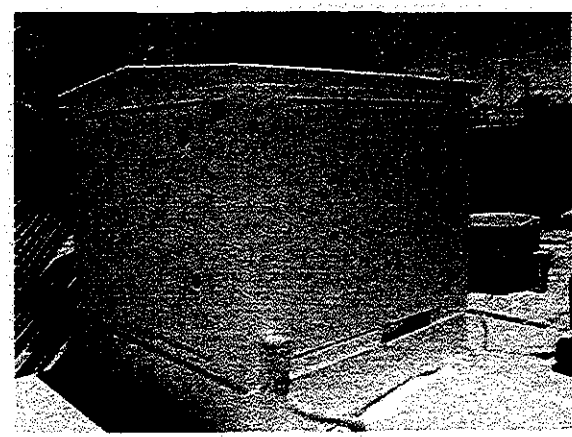
Wastewater Treatment Plant

- The City of Calexico Wastewater Treatment Plant is located a 298 E. Second Street.
- Plant No. 1 was built in 1967 and Plant No. 2 was built in 1991. In addition, these both plants have gone through three (3) major upgrades: 1974, 1991 and 1995.
- These two (2) plants have a total treatment capacity of 4.3 million gallons, currently treatment 2.7 million gallons.
- The Wastewater Treatment Plant receives all reasonable waterborne waste from residential, business and industrial customers.
- The Wastewater Treatment Plant strives to provide the best customer service within the frame of environmental regulations and law.



Wastewater Collection

- The City of Calexico has approximately 78 miles of sewer lines
- 16 Lift Stations



Water Treatment Plant

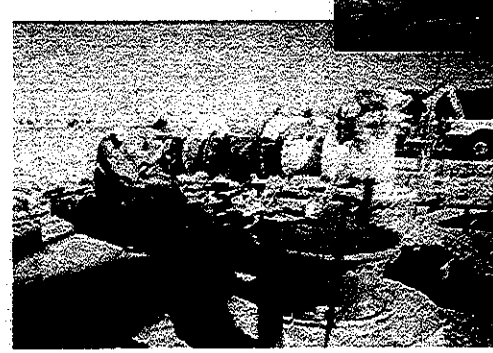
- The City of Calexico Water Treatment Plant is located at 545 Pierce Avenue.
- The Water Treatment Plant was built in 1949 and has had 3 upgrades: 1968, 1986 and 2000
- The Water Treatment Plant has a current treatment capacity of 14.0 million gallons. Storage treated water capacity is 8.0 million gallons and 25.0 million gallons of raw water. The maximum daily use is 9.0 million gallons per day. The maximum annual total is 2.2 billion gallons of water.
- The Water Treatment Plant is supplied raw water (before treatment) from a 25 million gallon reservoir. This raw water is purchased from the Imperial Irrigation District (IID). The water is a blend of surface water sources from the Colorado River.
- The tap water you receive at home meets all drinking water health standards from the United States Environmental Protection Agency (USEPA) and California Department of Heath Services (DHS).

Water Distribution

- The City of Calexico has approximately 106 miles of water distribution lines
- Four (4) 4,000 per minute pumps
- One (1) 2,000 per minute pump
- One (1) 750KW generator

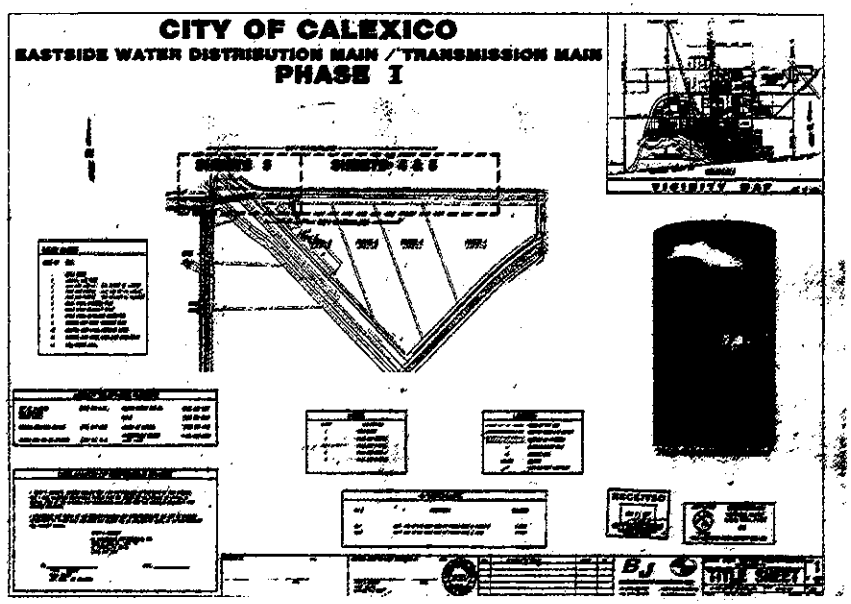
Eastside Water Reservoir

- Project Description
  - Construction of a 6.0 Million Gallon Water Storage Tank at the intersection of Cole Blvd. and Hwy 98
- Contractor
  - Cora Constructors, Inc.
    Palm Desert, California
- Construction Began
  - February 18, 2008
- Completion Date
  - April 12, 2010
- Funding
  - $1,100,000 2007 Water Bonds
  - $4,941,272 Water Operating Fund
- Project Cost
  - $6,041,272



Eastside Distribution/Transmission Main Line

- Project Description
  - Construction of a 24" and 36" potable water distribution/transmission main line from Bowker Road to the Eastside Water Reservoir Tank. The distribution main line will be constructed using a bridge support pipe in order to overpass the Brair and Central Main Canal
- Funding
  - $700,000 2007 Water Bonds
  - $2,951,000 Water Operating Fund
- Construction Began
  - September 28, 2009
- Completion date
  - November 23, 2009
- Project Cost
  - $3,651,00

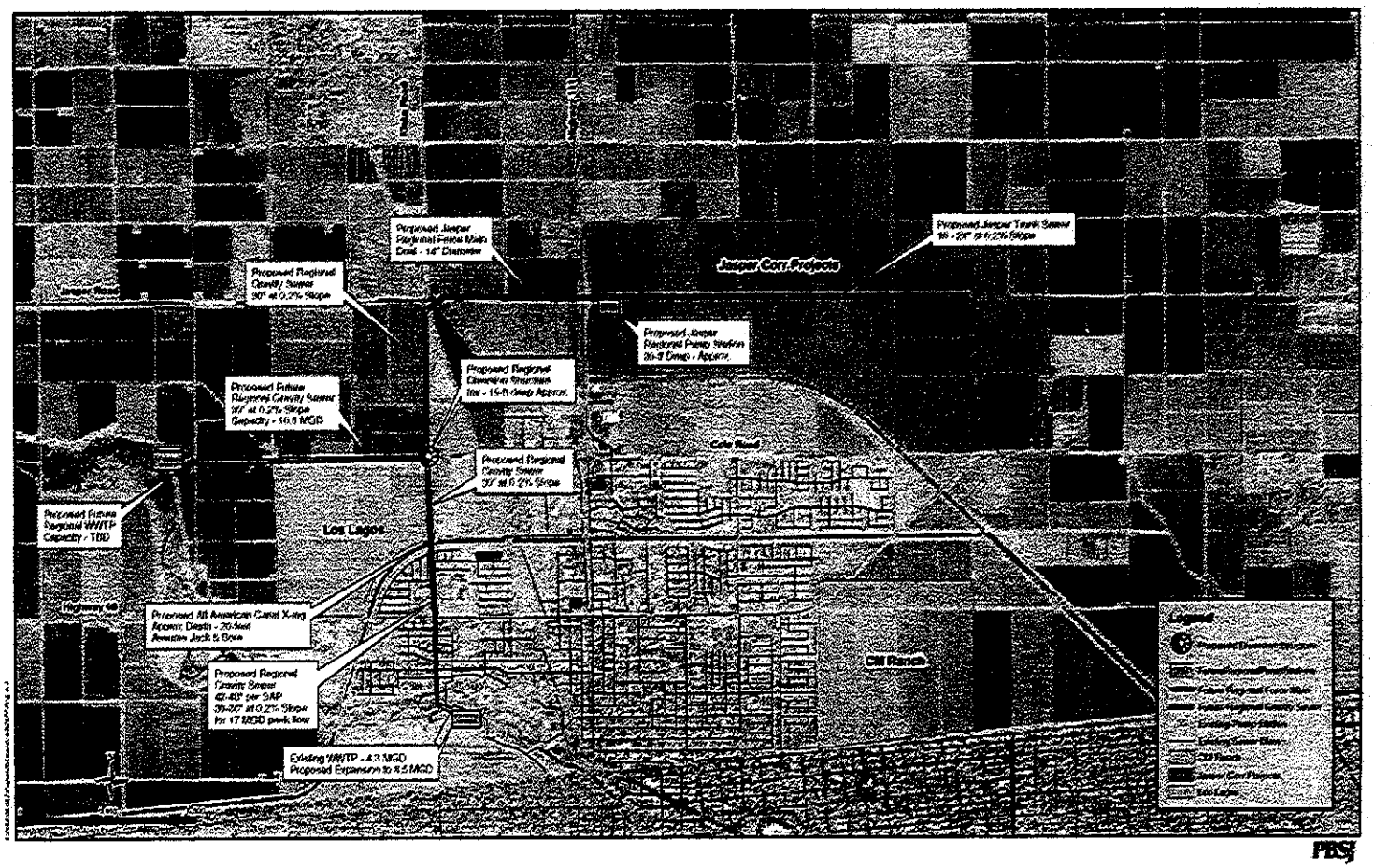


Water and Wastewater Hydraulic Update

- Project Description
  - The objective of the hydraulic model update was to expand the existing system models. The water model is used to confirm the operations of the proposed Eastside Water Reservoir, recommend timing for the proposed upgrade of the Water Treatment Plant and recommend timing for a northwest area reservoir and pump station. The wastewater model is used to determine the wastewater system needed to convey flows to a future Wastewater Treatment Plant.
- Engineer
  - PBS&J

    San Diego, CA
- Funding
  - 50% Water Operating Fund
  - 50% Wastewater Operating Fund
- Project Cost
  - $10,000

Future Wastewater Treatment



PBSJ

FUTURE WASTEWATER TREATMENT PLANT SITING

FIGURE 1

Potable Water Pressure

PBSJ

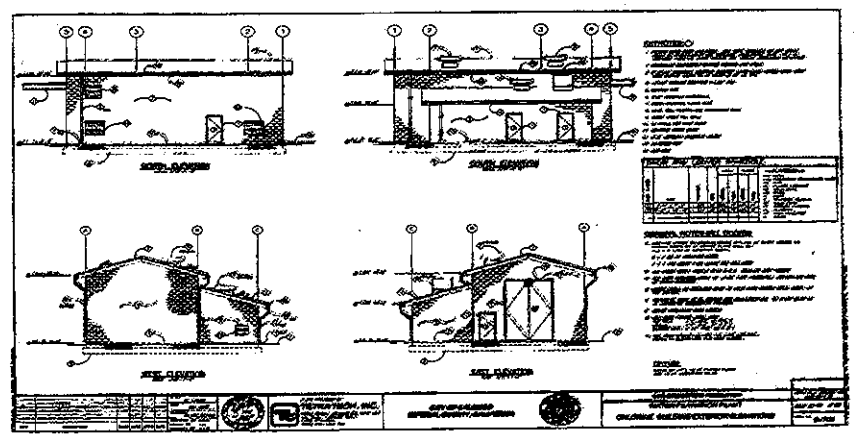
POTABLE WATER PRESSURE ZONE MAP **FIGURE 1**

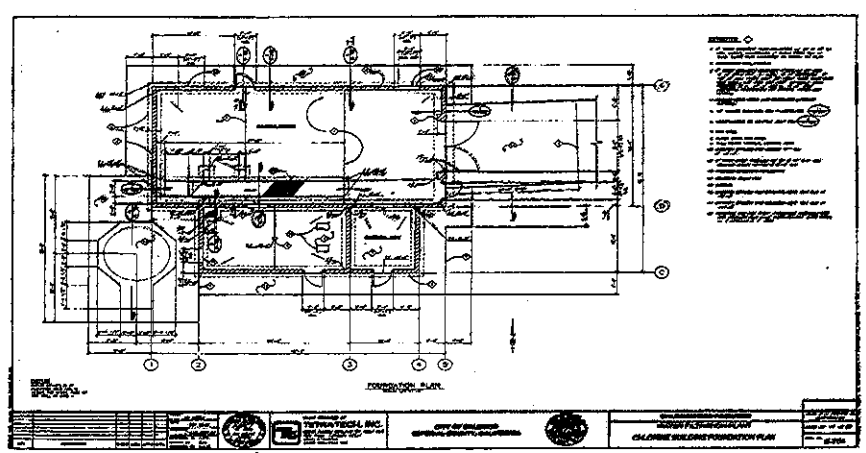
Utility Services

- <u>Administration</u>
  - Project Description
    - Relocation of the Utility Services Administration office to Pierce Avenue
  - Funding
    - Water Operating Funds
  - Estimated Cost
    - $ 150,000
  - Project Began
    - June, 2010
  - Estimated Completion Date
    - September, 2010

Chlorination Facilities

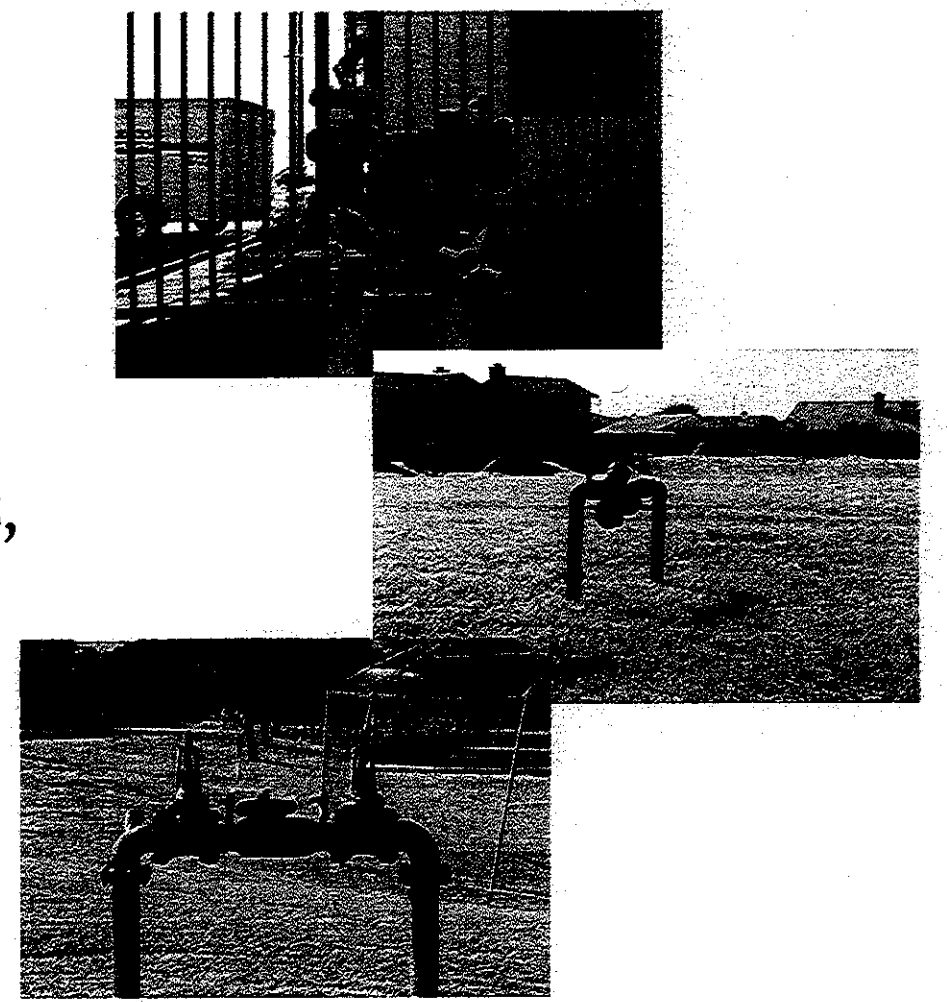
- **Water Treatment Plant**
  - Project Description
    - Construction of a new chlorination building and chlorination system, chlorine gas scrubber, piping, electrical and structural work
  - Funding
    - Water Operating Funds
- **Eastside Water Reservoir**
  - Project Description
    - Construction of a new chlorination building and chlorination system, chlorine gas scrubber, piping, electrical and structural work
  - Funding
    - Water Operating Funds
  - Estimated Cost
    - $1,600,000
  - Construction Began
    - November 19, 2010
  - Estimated Completion Date
    - August 15, 2010





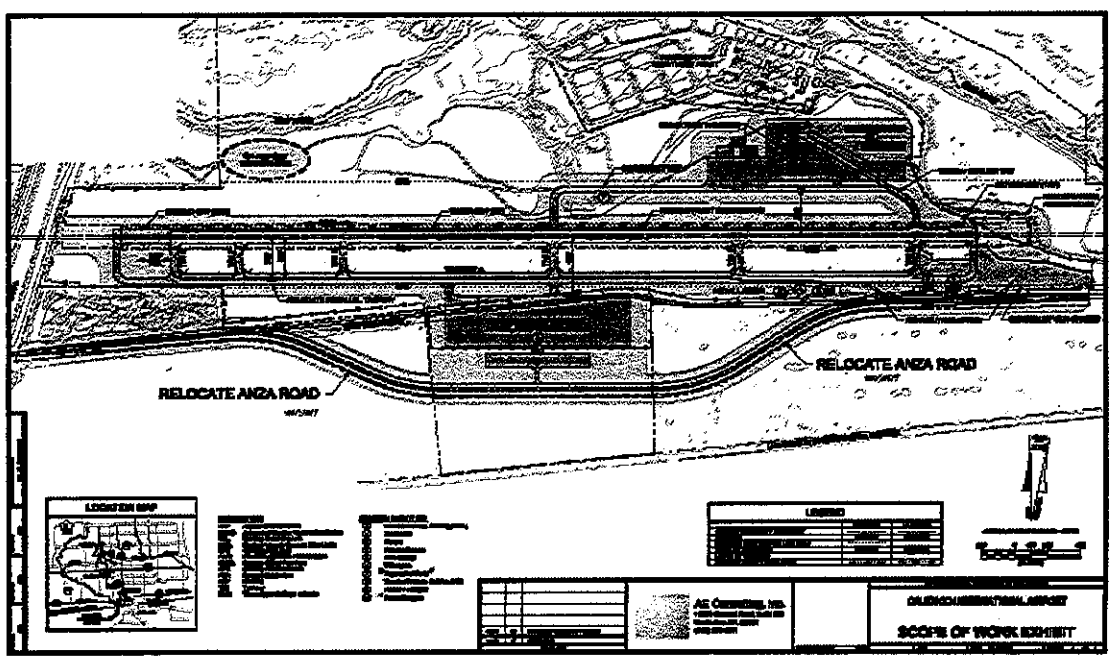
Back Flow Prevention Program

- Approximately 113 backflow assemblies have been tested, repaired and/or replaced. 72 of them are City owned: parks, retention basin, landscape areas, buildings



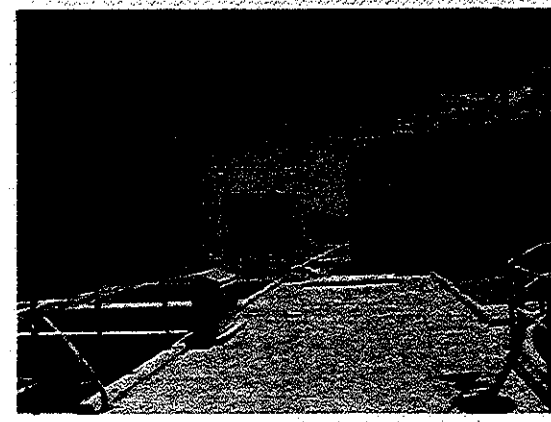
Phase III – Construct Access Road AIP #03-06-0034-12

- Acquire Additional 13 acres, Construction of Anza Road. Phase III
- Engineer
  - AE Consulting
- Funding
  - FAA 95%
  - State 2.5%
  - City 2.5%
- Estimated Cost
  - $ 2,351651.00
- Project Status
  - Planning Phase



Water Treatment Plant Upgrade

- Project Description
  - This project will consist of a new clarifier matching the size of the clarifier built in 1999 and replacing the clarifier built in 1949; two new filters matching the size of the filters built in 1999 and replacing the filters built in 1949; a new chlorination facility that meets new regulatory requirements and codes and replacing the chlorination facilities built in 1949; and an additional standby generator to supplement the existing standby generator. All of the improvements that will be done are necessary to provide a complete and operable facility.
- Funding
  - $7,500,000 2007 Water Bonds
  - $1,500,000 Water Operating Fund
- Estimated Project Cost
  - $9,000,000
- Call for Bids
  - Staff is proposing to call for bids in mid-September 2010



3.0 Million Gallon Tank Rehabilitation

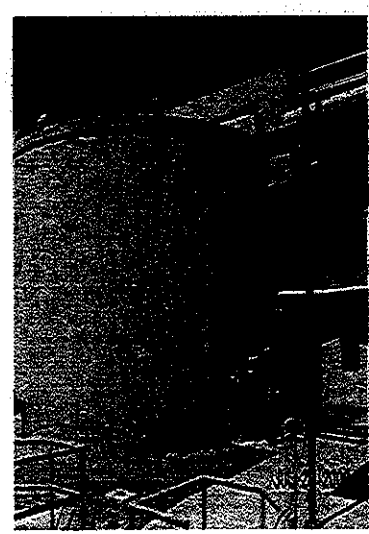
- Project Description
  - The City of Calexico is proposing to rehabilitate a 3.0 million gallon storage tank located at the Water Treatment Plant, 545 Pierce Avenue, Calexico, California. The 3.0 million gallon storage tank was constructed in 1949 and has deteriorated due to age.
- Funding
  - Water Operating Fund
- Estimated Cost
  - $2,000,000

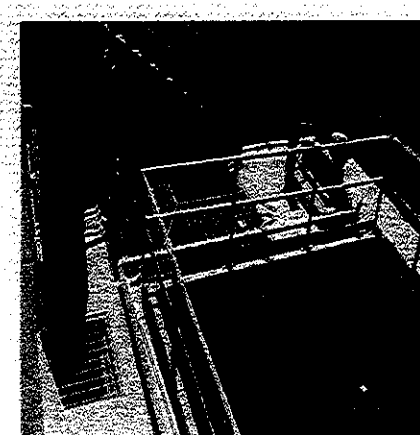
Metal Building at Water Treatment Plant

- Project Description
  - Installation of a 40 ft. x 80 ft. metal building at the Water Treatment Plant to store material and equipment for the Water Distribution Division
- Funding
  - Water Operating Funds
- Estimated Project Cost
  - $80,000

Wastewater Treatment Plant Upgrade

- Project Description
  - This project will consist of a new main lift station with four 10" pumps, vortex grit chamber, two automatic bar screens, electrical control panels, and two 75 feet diameter secondary clarifiers that will replace the current equipment built in 1967. The Utility Services Department is also proposing to replace equipment that was built in 1974 by installing a concrete structure that will include two new blowers that will supply diffused air to two aerators basins. In addition, the City will also install an additional digester and primary clarifier. All of the improvements that will be done are necessary to provide a complete and operable facility.
- Funding
  - Wastewater Bonds
- Estimated Cost
  - $25,000,000
- Call for Bids
  - Staff is proposing to call for bids in mid- September 2010





Awarded Grants

• Department of Public Health	
• Earthquake Repairs	$250,000
• Department of Energy Conservation	
• Solar Street Light Replacement Project	$157,200
• U.S. Appropriate Bill	
• Cesar Chavez Improvement	$2,850,000
• California Integrated Waste Management Board	
• Solid Waste Disposal Site Cleanup	$345,000
• Congestion Mitigated Air Quality	
• Five (5) Hybrid Vehicles	$174,000
• Four (4) GEM Electric Vehicles	$36,000
• Regional Transportation Improvement Program	
• Seismic Bridge Evaluation Study	$226,000
• Federal Aviation Administration	
• AIP #03-06-0034-07	$440,134.95
• AIP #03-06-0034-08	$69,069.70
• AIP #03-06-0034-11	$442,466.79
• AIP #03-06-0034-12	$2,351,651
• AIP #03-06-0034-13	$371,386.00
• AIP #03-06-0034-14	$513,000.00

Grants Under Review

- Federal Grant
  - Bus Intermodal Transfer Station $3,710,000
- U.S. Appropriate Bills
  - Replacement of Waterlines $3,150,000
  - 3.0 Million Gallon Tank Rehabilitation $1,085,000
  - Chlorination Facilities $1,685,000
  - Replacement of Sewer Lines $4,600,000
- California Integrated Waste Management Board
  - Household Hazard Waste Facility $270,000