

COUNCIL COMMUNICATION

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TO: THE CITY COUNCIL COUNCIL MEETING DATE: DECEMBER 19, 1990  
FROM: THE CITY MANAGER'S OFFICE

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SUBJECT: CERTIFY THE FILING OF A NEGATIVE DECLARATION BY THE COMMUNITY DEVELOPMENT DIRECTOR AS ADEQUATE ENVIRONMENTAL DOCUMENTATION ON THE 1990-1991 CAPITAL IMPROVEMENT PROGRAM

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INDICATED ACTION: that the City Council consider certifying the filing of a Negative Declaration by the Community Development Director as adequate environmental documentation on the 1990-1991 Capital Improvement Program.

BACKGROUND INFORMATION: Earlier this fall the Planning Commission determined that the projects listed in the 1990-1991 Capital Improvement Program were in conformance with the Lodi General Plan and recommended the plan's adoption to the City Council.

The City Council adopted the Capital Improvement Plan. In the past as each project in the plan came up for final review and action by the Council, the staff would file individual environmental documents. However, a recent change in the Fish and Game Code (see discussion under Regular Calendar of this agenda) requires costly filing fees for each Negative Declaration and Environmental Impact Report beginning in January, 1991. In order to get around paying multiple fees, the staff is recommending one Negative Declaration for the entire project. If the City files the Notice of Determination before January 1, 1991, we may escape paying any fees. In future years only the filing fee for the entire project would be paid.

  
JAMES B. SCHROEDER  
JAMES B. SCHROEDER  
Community Development Director

NEGATIVE DECLARATION

Notice is hereby given that the City of Lodi Planning Department has determined that the following proposal will have no "Significant Impact on the Environment". Supporting documentation is available in the form of a "Preliminary Environmental Assessment" and is available for public review in the Planning Department Office, City Hall Building, 221 W. Pine Street. Anyone wishing to appeal the issuance of this Declaration to the Planning Commission may do so no later than the date indicated as "Last date to Appeal".

Date Nov. 28, 1990 Project Title: City of Lodi Capital Improvement Plan (CIP) 1990-91

Responsible Agency: ~~XXXXXXXXXXXXXXXXXX~~ Contact Person: Richard C. Prima, Jr.  
City of Lodi Public Works Department

NAME OF PERSON, FIRM, OR AGENCY UNDERTAKING PROJECT:

City of Lodi Public Works Department

Address : City: County:  
221 W. Pine St. Lodi San Joaquin

Area Code: Phone;  
209 333-6706

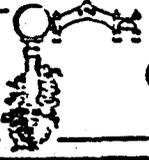
PROJECT DESCRIPTION OF NATURE, PURPOSE, AND LOCATION

The 1990 Capital Improvement Plan includes various storm drainage, water, wastewater and street projects that will be undertaken by the City of Lodi Public Works Department. The projects are located throughout Lodi and will take place on City owned land, City right-of-way or public utility easements.

Project Location City Project location County  
LODI SAN JOAQUIN COUNTY

Last Date to Appeal: Address Where Preliminary Environment Assessment is Available:  
December 19, 1990 LODI CITY PLANNING DEPT.  
221 W. Pine St., Lodi, CA 95240  
Phone: (209) 334-5634

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City of Lodi  
**COMMUNITY DEVELOPMENT  
 DEPARTMENT**

**ENVIRONMENTAL  
 ASSESSMENT  
 INITIAL STUDY**

1. PROJECT TITLE 1990-91 City of Lodi Capital Improvement Plan (CIP)
2. LOCATION City of Lodi - various locations
3. PROJECT DESCRIPTION The CIP includes a listing for storm drainage, wastewater, water and street projects that are proposed for construction by the City (See attached).
4. General Plan Designation (A) Existing (city), (B) Proposed N/A
5. Site description and surrounding land use The projects are all located within the existing City limits of Lodi and are mostly located within existing public right-of-way easements or public property.
6. Zoning (A) Existing, (B) Proposed N/A

Will the Project Have a Significant Effect  
 Through Any of the Following Impacts?

	<u>Yes</u>	<u>No</u>	<u>Maybe</u>
7. a. Substantial alteration of natural topography, soil or subsoil features.....	___	<u>X</u>	___
b. Substantially degrade surface or groundwater quality..	___	<u>X</u>	___
c. Substantially deplete surface or groundwater resources.....	___	<u>X</u>	___
d. Substantially interfere with groundwater flow or recharge.....	___	<u>X</u>	___
e. Cause a significant affect related to flood, erosion or siltation.....	___	<u>X</u>	___
f. Substantial interference with the habitat of any species of fish, wildlife or plant.....	___	<u>X</u>	___
g. Violate ambient air quality standards or create substantial air emissions or objectionable odors.....	___	<u>X</u>	___
h. Substantially increase ambient noise or glare level for adjoining areas.....	___	<u>X</u>	___
i. Substantial reduction of existing cropland.....	___	<u>X</u>	___
j. Expose individuals or property to geologic, public health, traffic, flood, seismic or other hazards.....	___	___	<u>X</u>

	Yes	No	Maybe
k. Have a substantial, demonstrable, negative aesthetic effect.....	---	<u>X</u>	---
l. Result in the disruption or alteration of an archeological, historical or paleontological site.. ..	---	<u>X</u>	---
m. Cause or allow substantial increase in consumption in any natural resources.....	---	<u>X</u>	---
n. Results in the use or waste of substantial amounts of fuel or energy.....	---	<u>X</u>	---
o. Necessitate major extensions of water, sewer, storm drain, electrical lines or public roads.. ..	---	<u>X</u>	---
p. Substantially increase demand for or utilization of public services such as schools or fire or police protection....	---	<u>X</u>	---
q. Substantially change transportation patterns related to existing traffic load, street capacity, parking availability or traffic safety.....	---	<u>X</u>	---
r. Induce substantial growth, concentration or displacement of population.....	---	<u>X</u>	---
s. Result in an alteration or conflict with existing or planned land use.....	---	<u>X</u>	---
t. Conflict with adopted plans, goals or policies of the City of Lodi.....	---	<u>X</u>	---

Adverse impacts of project and their magnitude: During the construction period for some of these projects, there will be some disruption of traffic and possibly some increase in noise and dust. These impacts will be temporary in nature and will end once the construction is completed. Level of impacts will be less than significant.

Mitigation Measures to Reduce Adverse Impacts Identified by Initial Study: The City will require that contractors utilize all practical methods for noise and dust control and that the work schedule be designed to minimize disruption of traffic. Work will be completed as quickly as possible.

RECOMMENDATION

X Negative Declaration      --- EIR      --- Conditional Negative Declaration

JAMES G. SCHROEDER  
 Environmental Review Officer  
 By David M. [Signature] Date 11-28-90

**City of Lodi**  
**Capital Improvement Program**

**G-Basin Development**  
**(future family golf center)**

Project Description

This project includes the expansion and development of the G-Basin according to the family golf center concept. The estimates are for Master Storm Drain improvements only. Golf course improvements are estimated separately.

The basin will be developed in phases as shown. Excavation will be over a period of approximately 3 years with no net cost to the City.

It is assumed a golf course architect will be retained to participate in the design of the final grading, landscaping and irrigation.

The initial excavation proposed for FY 1990/91 only includes the area presently owned by the City. Permanent fencing with mowstrip on the north, west and south sides and temporary fencing on the east is included.

The grading will follow the golf conceptual plan developed by Richard Bigler.

Related Projects

Project Number: MSD017

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>EHR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-90</u> <u>4735</u>
Prelim Eng: assumed Initial Study & Negative Declaration					
EIR:					
Rights of Way: (24 Ac @ \$42,000/ac)	1,008,000	Jan-30	4525		\$ 1,055,000
Easements:					
Consultants: (design concepts, landscaping)	5,300	Jun-88	4525		\$ 6,000
Design Eng.: (reappraisal)	3,300	Jan-90	4525		\$ 3,000
Construction:					
a) Excavation, fence first phase	103,000	Jun-88	4525		\$ 108,000
remaining phase	79,030	Jun-88	4525		\$ 83,000
b) Street Improv's	374,400	Jun-88	4525		\$ 392,000
c) Interior drainage	135,000	Jun-89	4593		\$ 139,000
d) Control/Pump Str.	117,600	Jun-88	4525		\$ 122,000
e) Landscape/Irrig.	303,400	Jun-89	4593		\$ 328,000
Other:					

**Total Cost: \$ 2,736,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi**  
**Capital Improvement Program**

**Orchis Drive Storm Drain**  
**West of Sylvan Way**

Project Description

This project includes the installation of 36" and 30" storm drains and manholes west and north from the existing 36" storm drain in Orchis Way.

Exact alignment and lengths of the storm drains will depend on the Street layout of the area.

The project is needed to accomodate the Sunwest Plaza shopping center being developed at the southeast corner of Kettleman Lane and Lower Sacramento Road.

Related Projects

Project Number: MSD016

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-90</u> <u>4735</u>
Prelim Eng: covered in Sunwest Plaza EIR EIR:					
Rights of Way: Easements:					
Consultants:					
Design Eng.:					
Construction:	60.800	Jun-88	4525		\$ 64,000
Other:					

**Total Cost: \$ 64,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Storm Drainage  
Capital Improvement Program**

**Storm Drain Engineering  
System Model**

Project Description

This project includes the purchase of a microcomputer and storm drainage modeling software to aid in the design and planning of system expansions and analysis of existing problem areas.

A number of the older basins are undersized given changes in land use that have occurred since their construction. They need to be analyzed using modern techniques which are too cumbersome to do by hand.

The software will be a commercially available package, thus no custom programming or data processing support will be needed.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amwnt</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-90	4735
Environmental: Exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
construction:	10,000	Jun-90	4735		\$ 10,000

**Total Cost: \$ 10,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction: if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise

**City of Lodi - Streets**  
**Capital Improvement Program**

**Miscellaneous Widening**

Project Description

This project covers the cost of small widening projects which cannot be foreseen at budget time. Usually these projects are done in conjunction with work by a developer or private citizen.

For example, if an Owner is relocating a driveway on a street that will ultimately be widened, the City would pay for the replacement of the remainder of the curb, gutter and sidewalk along the frontage at the ultimate width. The City would also pay for the additional pavement width on that portion of the work.

The amount budgeted is consistent with actual expenditures in recent years.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>
Prelim Eng:	
EIR:	
Rights of Way:	
Easements:	
Consultants:	
Design Eng.:	
Construction:	
Other:	

**Total Cost: \$ 50,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

<p><b>City of Lodi - Streets</b> <b>Capita? Improvement Program</b></p>	<p><b>Miscellaneous Curb &amp; Gutter</b> <b>Replacements</b></p>
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select Description

This project covers the cost of small curb & gutter projects which cannot be foreseen at budget time. Usually these projects are done in conjunction with work by a developer or private citizen.

For example, if an owner is replacing a driveway, and the adjacent gutter was in very poor condition, the City would pay for additional curb & gutter replacement.

This account is also used to fund curb & gutter replacements done in conjunction with other street projects if additional funds are needed for the project. However, pavement maintenance is given priority, thus funds budgeted for curb & gutter replacement are insufficient to meet the demand.

related Projects

Project Number:

estimated Costs

<u>Item</u>	<u>Amount</u>
Prelim Eng:	
EIR:	
Rights of Way:	
Easements:	
Consultants:	
Design Eng.:	
Construction:	
Other:	

**Total Cost: \$ 15,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

*City of Lodi - Streets  
Capital Improvement Program*

*Sidewalk Replacements*

Project Description

This project includes the replacement of hazardous sidewalk under the terms of the City's sidewalk replacement policy (attached).

A complete inspection of the City's sidewalk was done in 1985 and is being re-done in summer, 1990. Temporary repairs are made and defects are prioritized by the amount of vertical offset (i.e., how much the sidewalk is raised).

Replacements are done in priority order by street district to the extent funds are available.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>
Prelim Eng:	
EIR:	
Rights of Way:	
Easements:	
Consultants:	
Design Enq.:	
Construction:	
Other:	

**Total Cost: \$ 50,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capital Improvement Program**

**Handicapped Rasp Installations**

Project Description

This project includes the installation of new handicapped ramps at needed locations.

At present there is no formal priority list of potential locations. Past amounts budgeted (\$5000) is insufficient to do more than three locations at best. If the installation requires relocation of a pole or catch basin, then only one ramp can be constructed.

The increased amount (\$10,000) will allow a more effective retrofit program.

Ramps are included in estimates for street reconstruction projects and overlay projects involving curb & gutter replacement near curb returns.

Related Projects

Project Number:

Estimated Cost

<u>Item</u>	<u>Amount</u>
Prelim Eng:	
EIR:	
Rights of Way:	
Easements:	
Consultants:	
Design Eng.:	
Construction:	
Other:	
<b>Total Cost: \$ 10,000</b>	

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capital Improvement Program**

**Miscellaneous Traffic Operational**

Project Description

This project includes various minor traffic operation and capacity improvements such as:

1. conversion of fixed time or semi-actuated traffic signals to full actuation
2. addition of protected left turn phases at existing signals
3. additional traffic detection loops to improve actuated signal operation
4. new signing at major intersections
5. new striping/channelization at intersections

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<i>amount</i>
Prelim Eng:	
EIR:	
rights of Way:	
Easements:	
Consultants:	
Design En-:	
Construction:	
Other:	

**Total Cost: \$ 15,600**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capita? Improvement Program**

**Traffic Signal  
Turner Rd @ Stockton St**

Project Description  
This project includes the installation of a traffic actuated signal with protected left turn phases on turner Road. The design will provide for future addition of protected left turn phases on Stockton St/Miwok Dr.

Related Projects

Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
<u>Item</u>				Jul-90	4735
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	95,000	Jun-90	4735		\$ 95,000
Other:					

**Total Cost: \$ 95,000**

Remarks  
Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capital Improvement Program**

**Traffic Signal  
Kettleman Ln @ Mills Ave**

Project Description

This project includes the installation of a traffic actuated signal with protected left turn phases on Kettleman Ln. (Hwy 12). The design will provide for future addition of protected left turn phases on Hills Ave as well as the future extension of Mills Ave. north.

Related Projects

Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Item				Jul-90	4735
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	105,000	Jun-90	4735		\$ 105,000
Other:					

**Total Cost: \$ 105,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

*City of Lodi - Streets  
Capital Improvement Program*

*Traffic Signal  
Kettleman Ln @ Central Ave*

Project Description

This project includes the installation of a traffic actuated signal with protected left turn phases on Kettleman Ln. (Hwy 12). The design will provide for signalization at the entrance to the Kettleman Station shopping center.

Related Projects

Project Number:

<u>Estimated Costp</u> <u>Item</u>	<u>Amount</u>	<u>Date of</u> <u>Estimate</u>	<u>ENR</u> <u>Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-90</u> <u>4735</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction :	110,000	Jun-90	4735		\$ 110,000
Other:					

**Total Cost: \$ 110,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capital Improvement Program**

**Almond Dr Improvements  
West City Limits to Cherokee Ln**

Project Description

This project includes an overlay of the pavement and installation curb & gutter where none exists.

Curb, gutter and sidewalk are missing from portions of the south side of the street.  
City has the necessary Right-of-way to install the curb & gutter and pavement widening and the estimated is based on this plan.

Upon substantial improvement to the property, the owner would be required to install sidewalk.

Water and sewer services will be installed for the future use of the remaining unimproved parcels so the street will not need to be cut.

The estimate assumes the parcel at 428/448 Almond will be developed per plans presently being processed.

The street was designed with a reduced Structural section assuming a future overlay due to cuts for subsequent development. Prior to design, the street should be tested for the possibility the overlay could be deferred.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-90</u> <u>4735</u>
Prelim Eng:					
EIR: assume Negative Declaration					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: overlay	55,000	Jun-90	4735		\$ 55,000
420 Almond - being installed with development at 428/448					
452 Almond	7,700	Jun-90	4735		\$ 8,000
458 Almond	7,700	Jun-30	4735		\$ 8,300
Other:					

**Total Cost: \$ 71,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capital Improvement Program**

**Church St. Improvements  
Kettleman to N/Swain**

Project Description

This project includes the reconstruction of the pavement and installation of handicap ramps where none exist. In addition, drop inlet catch basins and substandard laterals will be replaced.

Curb, gutter and sidewalk are missing from portions of the west side of the street. At the 1900 block, the City has the necessary Right-of-Way and has required the installation by the property owners. At the 1700 block, there are four parcels where 10 ft. is needed. At these locations the City will acquire the Right-of-gay and then require the installation of improvements by the property owner.

The street can be improved without the acquisition of Right-of-way up to the edge of the future gutter. An extruded curb could be placed at that location to control runoff.

The estimate is based on a Traffic Index of 6.5 (the segment from Kettleman to the shopping center driveway; at 7.0 due to truck traffic) and tested soil R-values.

Related Projects

Project Number:

<u>Estimated Costs</u> <u>Item</u>	<u>Amount</u>	<u>Date of</u> <u>Estimate</u>	<u>ENR</u> <u>Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-90</u> <u>1735</u>
Prelim Eng: EIR: assume Negative Declaration					
Rights of Way: 1700 blk	35,000	Jun-90	735		\$ 25,000
Easements:					
Consultants: appraisal	5,000	Jun-90	4735		\$ 5,000
Design Eng.:					
Construction: reconstruction	266,000	Jun-89	4593		\$ 274,000
Other:					

**Total Cost: \$ 314,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets**  
**Capital Improvement Program**

**Hutchins St Widening**  
**Lodi Ave to Pine St**

Project Description

This project includes reconstruction of the pavement with asphalt concrete and a new base. The widening is from Lodi Ave to Walnut St to provide a transition from 4 lanes south of Lodi to 2 lanes north of Walnut.

The Master Plan for this street calls for 4 lanes from Lodi Ave to Lockeford St. however the interim plan for this project adopted in 1982 did not include the full widening.

Preliminary engineering funds were appropriated in 1988/89 and Right-of-Way funds are proposed for 1989/90. The Right-of-Way acquisition will be per the Master Plan (10 ft. on each side for a total width of 80 ft).

Prior to design of the project, alternatives on the actual curb alignment will be brought to the City Council for public review and a decision.

Related Projects

A Master Storm Drain line is planned in Hutchins St from Walnut to Elm. Funds for this line have been appropriated. The project has been delayed until the design for the street project is determined.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90</u>
				<u>ENR Index:</u>	
Prelim Eng: already appropriated	\$ 10,000				
EIR: completed in 1982					
Rights of Way: already appropriated	65,000				
East side already acquired					
Consultants:					
Design Eng.:					
Construction: (prelim. estimate based on 0.3 AC/0.5 AB & 75% of curb & gutter replaced)	231,900	Dec-86	4348		\$ 252,000
Other:					

**Total Cost: \$ 252,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets**  
**Capita? Improvement Program**

**Cherokee Lane Overlay**  
**Kettleman lane to Delores St**

Project Description

This project consists of joint sealing, reinforcing fabric and in asphalt concrete overlay 10.2 ft).

The project has been submitted for partial funding under the State-Local Partnership Program which has a maximum state funding level of 50%. The actual funding will likely be approximately 15 to 20 %.

If accepted by the State, the project must be awarded by June 30, 1992.

Related Projects

Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost far:</u>	<u>Jul-90</u>
<u>Item</u>				<u>ENR index:</u>	<u>4735</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	82,500	Jun-90	4735		\$ 83,000
Other:					

**Total Cost: \$ 83,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capital Improvement Program**

**Church St. Overlay  
Vine Street to Lodi Avenue**

Project Description

This project consists of an asphalt concrete overlay with pavement reinforcement fabric .

The edge of the pavement at the gutter will be removed by grinding before the overlay to provide a better tie-in and reduce the cross-slope. This will also prevent vehicles from scraping the pavement at driveways.

The estimate is based on an assumed overlay of 0.15'. Deflection testing and determination of a Traffic Index is needed prior to design.

Due to the age and condition of the pavement, it is recommended this project not be deferred more than a year. However, a traffic study needs to be done at the Lodi Ave. intersection to determine if minor widening is appropriate due to the heavy turning movements and lack of dedicated turn lanes.

The estimate also includes 7 new handicap ramps to provide complete accessibility at the Tokay and Chestnut intersections.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated cost to:</u>	<u>ENR Index:</u>
				Jul-90	4735
Prelim Eng:					
EIR: assume Negative Declaration					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
construction: Vine to Tokay	\$8,800	Jun-90	4735		\$ 89,000
Tokay to Chestnut	\$7,000	Aug-90	4735		\$ 87,000
Chestnut to Lodi	25,200	Jun-90	4735		\$ 25,000
Other:					

**Total Cost: \$ 201,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

<p><i>City of Lodi - Streets</i> <i>Capital Improvement Program</i></p>	<p><i>Hutchins Street Overlay</i> <i>Pine St to Lockeford St</i></p>
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Project Description

This project consists of crack sealing, reinforcing fabric and an asphalt concrete overlay (0.2 ft).  
 The estimate does not include any street widening; only minor curb & gutter repair is included.  
 The project has been submitted for partial funding under the State-Local Partnership Program which has a maximum state funding level of 50%. The actual funding will likely be 20% of the early project estimate of \$108,900.  
 The project has been accepted by the State, and must be awarded by June 30, 1991.

Related Projects

Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
				Jul-90	4735
Item					
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	108,900	Jun-89	4593		\$ 112,000
Other:					

**Total Cost: \$ 112,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
 Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capita? Improvement Program**

**Mills Avenue Overlay  
Lodi Ave St to Elm St**

Project Description

This project consists of crack sealing, edge grinding, reinforcing fabric and an asphalt concrete overlay (0.2 ft).

The project has been submitted for partial funding under the State-Local Partnership Program which has a maximum state finding level of 50%. The actual funding will be 34.9%.

The project has been accepted by the State, and must be awarded by June 30, 1991.

Related Projects

Project Number:

Estimated costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-90	
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	83,600	Jun-89	4593		\$ 86,000
Other:					

**Total Cost: \$ 86,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

*City of Lodi - Streets  
Capital Improvement Program*

*Pine Street Overlay  
Hutchins St to School St*

Project Description

This project consists of crack sealing, edge grinding, reinforcing fabric and an asphalt concrete overlay (0.2 ft).

The project has been submitted for partial funding under the State-Local Partnership Program which has a maximum state funding level of 50%. The actual funding will likely be much less.

If accepted by the State, the project must be awarded by June 30, 1992.

Related Projects

Project Number:

<u>Estimated Cost/Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-90	
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	68,200	Jun-90	4735		\$ 68,000
Other:					

**Total Cost: \$ 68,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capital Improvement Program**

**Sacramento St Overlay  
Lockeford St St to Turner Rd**

Project Description

This project consists of crack sealing, edge grinding, reinforcing fabric and an asphalt concrete overlay (0.2 ft). In addition, the buried railroad tracks will be removed and some curb & gutter will be replaced.

The project has been submitted for partial funding under the State-Local Partnership Program which has a maximum state funding level of 50%. The actual funding will be approximately 20% of the early project estimate of \$235,400.

The project has been accepted by the State, and must be awarded by June 30, 1991.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-90	4735
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	235,400	Jun-89	4593		\$ 243,000
Other:					

**Total Cost: \$ 243,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

<b>City of Lodi - Streets</b> <b>Capital Improvement Program</b>	<b>Stockton St Overlay</b> <b>Lodi Ave to Lockeford St</b>
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Project Description

This project includes an asphalt concrete overlay with a pavement reinforcing fabric.

Although the City's Street Master Plan calls for this street to ultimately be widened to 4 lanes (54 ft. curb to curb), widening will not be needed within the life of the overlay due to the relatively low existing traffic volumes.

Preliminary design work done in spring 1990 determined the need for curb and gutter work beyond the scope of the original estimate. Also the Circulation Study done as part of the General Plan update indicates that a 3-lane facility (2 lanes plus 2-way left turn lane) is appropriate for Stockton St.

The recommended project includes the minor widening on one side of the street to accommodate 3 lanes plus parking. The portion north of Locust St. is estimated separately due to funding constraints. Also this portion on the west side has no sidewalk. Based on past City practice, the property owners will be required to install the sidewalk. This will take time to implement.

Planned Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>	<u>Jul-90</u>
Prelim Eng:						
EIR:						
Rights of Way:						
<b>Consultants:</b>						
<b>Design Eng.:</b>						
Construction: (prelim. estimate based on 0.2' AC plus fabric & 15% of curb & gutter replaced; structural section verified by 1989 testing)	59,000					
Lodi to Locust	215,000	Jun-89	4735			\$ 215,000
Locust to Lockeford	52,000	Jun-89	4735			\$ 52,000
Other:						

**Total Cost: \$ 267,000**

Remarks

Design Engineering shown separately if anti-dated to be budgeted prior to construction: if not, it is included in construction.  
 Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets  
Capital Improvement Program**

**Stockton St Rehabilitation  
Tokay St to Lodi Ave**

Project Description

This project includes the reconstruction and possible widening of Stockton St. The existing curb to curb width is approximately 30 ft, which will not allow installation of a two-way left turn lane as exists south of Tokay St. This width, however, was approved by the City Council in 1982.

The reconstruction estimate includes replacement of practically all the curb and gutter due to its poor condition. Given this, it is appropriate that the City Council reconsider the decision on the width of the street. Thus, preliminary engineering is shown separately so the matter can be considered before a project budget is adopted. A separate estimate for an interim overlay is also shown for information.

Overlays for Stockton St. north of Lodi are also shown. Projections of traffic volumes do not indicate a need for immediate widening. Also, the present curb to curb width will allow installation of a two-way left turn lane with relatively minor improvements.

Related Projects

The 8" water main between Tokay and Lodi needs to be lowered and upgraded to 10".

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-96</u>
				<u>ENR Index:</u>	<u>4735</u>
Prelim Eng:	\$ 10,000	Jun-90	4735		\$ 10,000
EIR: done					
Rights of Way: to be determined					
Consultants:					
Design Eng.:					
construction: Tokay to Lodi -					
Reconstruct	249,000	Feb-87	4348		\$ 271,000
Overlay	76,000	Feb-87	4348		\$ 83,000
Lodi to Lockeford					
Overlay	budgeted				
Lockeford to Turner					
Overlay (0.2' AC + fabric)	142,000	Jun-87	4387		\$ 153,000
Other:					

**Total Cost: \$ 434,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Streets**

**Capital Improvement Program**

**Overlay Analysis/Design**

Project Description

This project covers the consulting fees and testing services involved in doing preliminary designs for pavement overlays.

The process begins in the Street Maintenance Division which conducts biennial ratings of all the City's streets. The ratings are used in a computerized pavement maintenance management program.

The program suggests various maintenance techniques for each street segment. Streets recommended for overlays 1" or thicker are handled under the Capital Improvement Program.

The thick overlay design process includes obtaining and projecting truck counts to determine the design loads (Traffic Index) and determining the structural value of the existing pavement.

The Traffic Index is determined by City staff. The structural value is determined by a consultant using the Dynaflect® nondestructive pavement testing device. This device places a 1000 lb oscillating load on the pavement, and the pavement's movement (deflection) is measured. The results are analyzed using a Cal Trans developed procedure. The results are then reviewed with City staff and a final recommendation is made.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>
Prelim Eng:	
EIR:	
Rights of Way:	
Easements:	
Consultants:	5,000
Design Eng.:	1,000
Construction:	
Other:	

**Total Cost: \$ 6,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction: if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

<p><b>City of Lodi - Wastewater Capital Improvement Program</b></p>	<p><b>Miscellaneous Wastewater Lines</b></p>
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Project Description

This project consists of minor wastewater main extensions or replacements generally done in conjunction with a development.

The work may be by City forces, the developer's contractor or informal bid.

Lead Dept: Public Works  
Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90 ENR Index</u>
<u>Item</u>					<u>4735</u>
Prelim Eng:					
Environmental: exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:					
<b>Total Cost:\$</b>					<b>10,000</b>

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction. If not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

City of Lodi - Wastewater  
Capital Improvement Program

Oversize Wastewater Mains

Project Description

This project provides funds for credits to installers of oversized wastewater mains generally done in conjunction with a development.  
Per City ordinances, the City is responsible for the incremental cost of materials for water mains 12" and larger.  
Actual costs per year vary with development. The amount budgeted is a rough estimate of the amount needed based on history.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-90	4735
Environmental: exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:					

Total Cost:\$ 5,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction: if not, it is included in construction  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Wastewater  
Capital Improvement Program**

**Miscellaneous System Relocations**

Project Description

This project consists of relocating services necessary for street work. It also includes adjusting frames and covers to grade after a street project.

This places the cost of such work with the appropriate utilities as it done with private utilities in Lodi and other agencies.

The amount budgeted is consistent with recent history although may vary depending on the number and location of other projects.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-90	4735
Environmental: exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:					

**Total Cost: \$ 10,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction: if not it is included in construction  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Wastewater  
Capital Improvement Program**

**Wastewater Service Taps**

Project Description

This project consists of the installation of new services.

The estimated cost is paid by the party requesting the tap, thus this account should be balanced by service tap charges. The account is established for accounting reasons.

Lead Dept: Public Works  
Project Number:

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
estimated Cost) Prelim Eng: Environmental: exempt Rights of Way: N/A Easements: N/A  Consultants.  Design Eng:  Construction:				Jul-90	4735

**Total Cost:\$ 15.000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise

City of Lodi - Wastewater  
 Capital Improvement Program

Collection System Improvements  
 Alley E/School @ Oak St.

Project Description

This project consists of the installation of a new 4" line to reroute flows from the parcels east of the Post Office.  
 The existing line is in poor condition and is frequently plugs up.  
 Replacing the existing line in place is impractical due to the Post Office wall and parking lot.

Lead Dept: Public Works  
 Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90</u>
				<u>ENR Index</u>	<u>4735</u>
Prelim Eng:					
Environmental: <i>Not exempt: assumed Initial Study &amp; Neg. Declaration (by Planning Dept.)</i>					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:	19,200	Jun-90	4735		\$ 19,000

Total Cost: \$ 19,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction: if not, it is included in construction  
 Construction includes contract administration & inspection unless shown otherwise.

City of Lodi -Wastewater  
Capital Improvement Program

Collection System Improvements  
Alley N/Elm, Washington to Cherokee

Project Description

This project consists of the replacement of 8 6" main with 8 10" main.

The existing line is in poor condition and is overloaded. In addition to serving the adjacent properties, the line serves the commercial area east of Cherokee Lane between Pine St and the SRR and Hwy 99.

The project is proposed for FY 90/91 to accommodate new construction in the area. Partial funding by new development has been approved by the City Council.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-90</u> <u>4735</u>
Prelim Eng:					
Environmental: Not exempt; assumed Initial Study & Neg. Declaration (by Planning Dept.)					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:	186.000	Jun-90	4735		\$ 186.000

**Total Cost: \$ 186.000**

Remarks

Design Engineering shown separately is anticipated to be budgeted prior to construction if not, it is included in construction  
Construction includes Contract administration & inspection unless shown otherwise

City of Lodi -Wastewater  
 Capital Improvement Program

Collection System Improvements  
 Poplar St. @ Cherokee Lane

Project Description

This project consists of the installation of a new 10" main to replace a problem line which serves the Josquin St. area east of Cherokee Lane.

The existing line is in poor condition and is frequently plugs up causing severe maintenance problems upstream.

The estimate includes jacking a new pipe across Cherokee Lane.

Lead Dept: Public Works  
 Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90</u>
				<u>ENR Index:</u>	<u>4735</u>
Prelim Eng:					
Environmentals: Exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:	50,000	Jun-90	4735		\$ 50,000

**Total Cost:\$ 50,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction: if not, it is included in construction  
 Construction includes contract administration & inspection unless shown otherwise.

City of Lodi - Wastewater  
Capital Improvement Program

White Slough Water Pollution Control Facility  
Improve Roadways

Project Description

This ongoing project consists of improving the pond levee roadways with asphalt concrete to provide all-weather access and reduce erosion.

The work is done by City Street Division crews as time permits.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
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Prelim Eng:  
Environmental: Exempt  
Rights of Way: N/A  
Easements: N/A

Consultants:

Design Eng.:

Construction:

Total Cost: \$ 5.000

Remarks

Design Engineering shown separately *it* anticipated to be budgeted prior to construction; if not, *it* is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

City of Lodi -Water  
 Capital Improvement Program

Miscellaneous Water Mains

Project Description

Lead Dept: Public Works  
 Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90 ENR Index:</u>
<u>Item</u>					<u>4735</u>
Prelim Eng:					
Environmental: exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:					

**Total Cost: \$ 10.000**

Remarks  
 Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
 Construction includes contract administration & inspection unless shown otherwise

**City of Lodi - Water**  
**Capital improvement Program**

**Oversize Water Mains**

Project Description

This project provides funds for credits to installers of oversize water mains generally done in conjunction with a development.

Per City ordinances, the City is responsible for the incremental cost of materials for water mains 10' and larger.

Actual costs per year vary with development. The amount budgeted is a rough estimate of the amount needed based on history.

Lead Dept: Public Works  
 Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jr/J-90</u>
<u>Item</u>				<u>ENR Index:</u>	<u>4735</u>
Prelim Eng:					
Environmental: exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
construction:					

**Total Cost: \$ 20,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
 Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Water  
Capital Improvement Program**

**Miscellaneous System Relocations**

**Project Description**

This project consists of relocating fire hydrants and services necessary for street or other gravity utilities. It also includes adjusting frames and covers to grade after a street project.

This places the cost of such work with the appropriate utility as is done with private utilities in Lodi and other agencies.

The amount budgeted is consistent with recent history although may vary depending on the number and location of other projects.

Lead Dept: Public Works  
Project Number:

**Estimated Costs**

Item  
Prelim Eng:  
Environmental: exempt  
Rights of Way: N/A  
Easements: N/A

<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90 ENR Index:</u>
				4735

Consultants:

Design Eng.:

Construction:

**Total Cost: \$ 40.000**

**Remarks**

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction  
Construction includes contract administration & inspection unless shown otherwise

**City of Lodi - Water  
Capital Improvement Program**

**Lead Service Replacements**

Project Description

This project consists of locating and replacing service lines made of lead pipe.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-90	4735
Environmental: exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:					

**Total Cost: \$ 15,000**

Remarks

Design Engineering shown separately it anticipated to be budgeted prior to construction: if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise

**Remarks**  
 Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
 Construction includes contract administration & inspection unless shown otherwise.

**Total Cost: \$ 30,000**

Estimated Costs	Item	Date of	ENR	Updated Cost for:	ENR Index:	Amount	Estimate	Index
	Prelim Eng:							
	Environmental: exempt							
	Rights of Way: N/A							
	Easements: N/A							
	Consultants:							
	Design Eng:							
	Construction:							

**Project Description**  
 This project consists of the installation of new services.  
 The estimated cost is paid by the party requesting the tap, thus this account should be balanced by service tap charges. The account is established for accounting reasons.  
 Lead Dept: Public Works  
 Project Number:

**City of Lodi - Water**  
**Capital Improvement Program**  
**Water Service Taps**

City of Lodi - Water

Capital Improvement Program

Distribution System Improvements

Miscellaneous System Improvements

**Project Description**

This project consists of the installation new mains or minor upgrading of old mains to relieve pressure or maintenance problems.

The projects mainly consist of looping of dead-end mains.

The work is usually done by City forces.

Lead Dept: Public Works  
Project Number:

**Estimated Costs**

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-90	4735
Environmental - exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:					

**Total Cost: \$ 15,000**

**Remarks**

Design Engineering shown separately if anticipated to be budgeted prior to construction: if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

City of Lodi - Water

Capital Improvement Program

Distribution System Improvements

Stockton St WM - Lockeford to Donner

Project Description

This project consists of the installation a new 10" main to relieve the 4" main in the alley and provide a trunk line for the proposed Well 24 located at the Stadium.

The work includes installation of a new fire hydrant.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90 ENR Index:</u>
Prelim Eng:					
Environmental: exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:	110,000	Jun-90	4735		\$ 110,000

Total Cost: \$ 110,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction: if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

City of Lodi -Water

Capital Improvement Program

Distribution System Improvements

Sacramento St WM - Lodi to Walnut

Project Description

This project consists of the installation a new 8" main to relieve the 2" main in the alley which serves high demand seasonal users. The high seasonal use causes extreme low pressure problems at the end of the line.

The line will eventually be looped in Lodi Ave.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90</u>
				<u>ENR Index:</u>	<u>4735</u>
Prelim Eng:					
Environmental: exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:	13,000	Jun-90	4734		\$ 13,000

Total Cost: \$ 13,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in Construction.  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Water  
Capital Improvement Program**

**Water Production System  
Standby Generators**

Project Description

This project includes the design and installation of new standby generators for selected City wells.

The Master Water plan recommends that approximately 40% of the City's wells be equipped with standby power since the system has no effective above ground storage.

Existing generators are mostly 1940's and 50's surplus units acquired thru the government surplus and are obsolete, making maintenance difficult to impossible in some cases.

The proposed project includes funds for a consulting electrical engineer specializing in standby power to prepare a set of specifications for a family of generators with appropriate options such as residential grade mufflers.

Also included are updating of electrical drawings for each site so we will have a consistent and complete set of electrical drawings which we do not have at this time.

It is assumed the actual generator purchase and installation will be done by a contractor under a lease-purchase program similar to that done for the Public Safety Building generator.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>	<u>Jul-90</u>
Prelim Eng:						
Environmental: assumed exempt						
Rights of Way: N/A						
Easements: N/A						
Consultants:	56,000	Jun-90	4735			\$ 56,000
Design Eng.: City staff & inspection	2% 10,000	Jun-90	4735			\$ 10,000
Construction: (preliminary, rough estimate)	500,000	Jun-90	4735			\$ 500,000

**Total Cost: \$ 566,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise

**City of Lodi - Water  
Capital Improvement Program**

**Water Production system  
Water Wells**

**Project Description**

This project includes the design and installation of new water wells.

The Master Water plan recommends that at existing conditions (prior to new growth under the proposed General Plan) the City should have 25 wells in service.

**Well 3 Replacement** - Well 3 is out of service due to DBCP and PCE contamination. The well is old and is not worth rehabilitating and treating. A replacement site at Hutchins St. Square is being investigated. The estimate includes the necessary water and storm drain extensions needed to serve the well plus a block wall with grating similar to Well 6 at Blakely Park

**Well 11 Replacement** - Well 11 has been abandoned for many years due to sand problems. It also had a high DBCP level. A replacement site is being developed on City property adjacent to the mobile home park on E. Turner Rd. The estimate includes a block wall along the mobile home park property line.

**Well 24** - This is a new well. A site at the Stadium is being investigated. The cost includes a portion of the SCADA system upgrade.

**Well 25** - This is a new well. A site at the Industrial Substation is being investigated.

Lead Dept: Public Works  
Project Number:

**Estimated Costs**

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-90</u>
Prelim Eng:					
Environmental: Not exempt: assumed Initial Study and Negative Declaration (by Community Dev. Dept.)					
Rights of Way: N/A					
Easements: N/A					
Consultants: Architect for Well 3R	10,000	Jun-90	4735		\$ 10,000
Design Eng.:					
Construction: Well 3R	376,000	Jun-90	4735		\$ 376,000
Well 11R	308,000	Jun-90	4735		\$ 308,000
Well 24	295,000	Jun-90	4735		\$ 295,000
Well 25	280,000	Jun-90	4735		\$ 280,000

**Total Cost: \$ 1,269,000**

**Remarks**

Design Engineering shown separately if anticipated to be budgeted prior to construction; if *not*, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise

**City of Lodi - Water  
Capital Improvement Program**

**DBCP Cleanup**

Project Description

This project includes the necessary treatment units and one replacement well to comply with the State requirements for DBCP.

The estimate is based on the report prepared by Brown & Caldwell in the spring of 1990.

It is planned to phase the project, designing, constructing and operating one granular activated carbon treatment unit prior to designing the remaining units.

The City has applied for a \$5.0 million loan from the State to aid in this work.

Lead Dept: Public Works  
Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90 ENR Index:</u>
Prelim Eng:					4735
Environmental: assumed exempt					
Rights of Way: N/A					
Easements: N/A					
Consultants: first unit	50,000	Jun-90	4735		\$ 50,000
Design Eng.:					
Construction: first unit	466,000	Jun-90	4735		\$ 466,000
remaining units, including design	5,119,400	Jun-90	4735		\$ 5,119,000

**Total Cost: \$ 5,635,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
Construction includes contract administration & inspection unless shown otherwise.

**City of Lodi - Water  
Capital Improvement Program**

**Miscellaneous Projects/Studies  
Water Tank Demolition**

Project Description

This project includes the removal of the old water tank.  
 This tank was constructed in approximately 1910 and was replaced with a new tank in 1989.  
 The demolition was delayed until the new tank passed its one-year warranty inspection.  
 The work includes demolition of the old jail and some adjacent dilapidated storage buildings in order to provide room for the tank removal.  
 The removal of the old fire house near the tank is not included in this work.

Lead Dept: Public Works  
 Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-90</u>
				<u>ENR Index:</u>	<u>4735</u>
Prelim Eng:					
Environmental: completed with removal of other Parks & Recreation storage buildings					
Rights of Way: N/A					
Easements: N/A					
Consultants:					
Design Eng.:					
Construction:	55,000	Jun-90	4735		\$ 55,000

**Total Cost: \$ 55,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.  
 Construction includes contract administration & inspection unless shown otherwise