Stanislaus County





A Well-Planned Infrastructure System



COUNTY DEPARTMENTS

Environmental Resources
Parks and Recreation
Planning and Community Development
Public Works

A WELL-PLANNED INFRASTRUCTURE SYSTEM

A well-planned infrastructure is essential to the quality of life for the residents of Stanislaus County and to the maintenance and expansion of a robust economy. A clean water source is imperative for sustaining our agricultural and industrial economies as well as natural environment. the Improving auality water availability and promoting effective liquid and solid waste disposal will improve not only the quality of life for our residents, but also protect our natural resources. Developing



a regional approach to transportation circulation will help improve residents' ability to navigate through the community and support the movement of goods and services.

The Department of Environmental Resources strives to improve the quality of life for our community through education, investigation and inspection services in Hazardous Materials, Solid Waste Management, Landfill Operations, Code Enforcement, Environmental Health and Milk and Dairy.

The Parks and Recreation Department acquires, develops and maintains recreation areas serving every segment of society, including the disabled and the economically disadvantaged, in ways that will provide the best possible experience for people to enjoy the outdoors at the most reasonable cost.

The Planning and Community Development Department provides information and assistance to the general public on land use issues and implements and finances redevelopment projects in blighted areas of the County. This includes building permit services.

The Public Works Department provides regional transportation planning, construction and management of roads and bridges, and operation of inter-city transit services.

The Public Works projects have been categorized by project type: bridges, intersections-congestion relief/safety, widening-capacity increasing and facilities/maintenance. The projects are then sorted into project order and alphabetized so the reader can easily see the progression of a project from one segment to another. For example, if you were to look under widening-capacity increasing at McHenry Widening Segment 1 and Segment 2 they would follow each other in the document even though

Segment 1 is an "A" project and Segment 2 is a "C" project. For Public Works projects this helps the document to tell a better story and makes it more useful for the department in planning their projects.

SUMMARY OF PROJECT COSTS AND FUNDING SOURCES

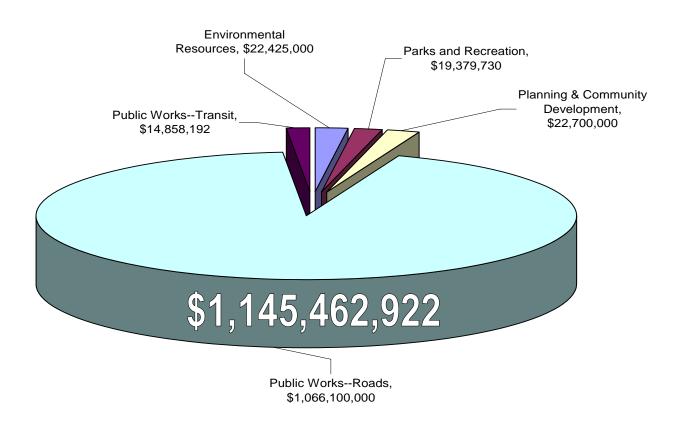
The Proposed Capital Improvement Plan reflects overall estimated project costs of \$1,145,462,922 for this priority area. It is anticipated that these projects will be funded by a combination of the County General Fund, Public Facilities Fees (PFF), department fund balance/retained earnings savings, bond/borrowing, State/Federal Funding, grants, and non-County contributions. Funding has not yet been identified for some projects.

The following charts represent estimated project costs by department for Fiscal Year 2010-2011 and a three year comparison of project costs in the A Well-Planned Infrastructure System priority area of Stanislaus County government.

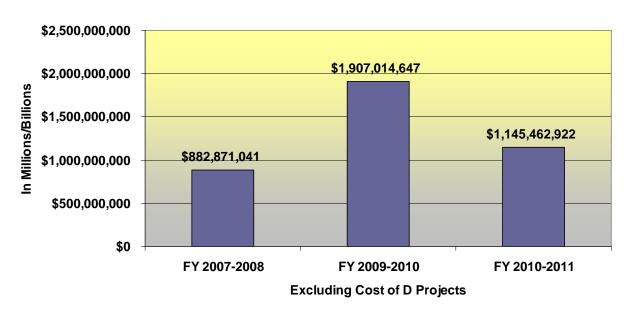
The section behind the charts lists those Capital Improvement Plan projects that support the Board of Supervisors' priority of A Well-Planned Infrastructure System based on the lead department assigned to each project. A summary of the projects by department is followed by a detailed listing of the individual project information.



A WELL-PLANNED INFRASTRUCTURE



Three Year Comparison





A WELL-PLANNED INFRASTRUCTURE SYSTEM

ENVID.		DESCURCES LANDELL	2010-2011 Total Estimated Project Cost	2010-2011 Total County Funding	2010-2011 Funding Not Yet Identified
		L RESOURCESLANDFILL	\$22,425,000	\$925,000	\$21,500,000
Status		Project Name Fink Pend Landfill Interior Expansion Phase 1 Consentual Pesign	¢17E 000	¢17E 000	¢Ω
A		Fink Road Landfill Interior Expansion Phase 1 Conceptual Design	\$175,000	\$175,000	\$0 ¢c 7c0 000
C		Fink Road Landfill On Site Water System	\$5,750,000	\$0 \$750,000	\$5,750,000
C C		Fink Road Landfill On Site Water System Fink Road Landfill Ash Call A Design & Construction	\$750,000 \$5,250,000	\$750,000	\$0 \$5,250,000
		Fink Road Landfill Interior Expansion Phase 2 Design & Construction		\$0 \$0	
C		Fink Road Landfill Interior Expansion Phase 2 Design & Construction	\$5,250,000		\$5,250,000
С	2009.001	Fink Road Landfill Municipal Solid Waste Cell 6 Design & Construction	\$5,250,000	\$0	\$5,250,000
PARKS	AND REC	REATION	\$19,379,730	\$1,916,940	\$14,408,680
Status	CIP#	Project Name			
Α	2003.003	Frank Raines Regional Park Water System Improvements	\$1,000,000	\$1,000,000	\$0
Α	2007.026	Heron Point Project at Woodward Reservoir	\$1,866,940	\$366,940	\$0
В	2002.082	Woodward Reservoir Park Improvements	\$5,880,000	\$0	\$4,880,000
В	2002.084	Frank Raines Off Highway Vehicle Park Fence	\$1,000,000	\$0	\$1,000,000
В	2008.010	Salida Parks & Streetscaping Urban Conservation Water Supply	\$554,110	\$0	\$0
В	2009.032	Woodward Reservoir Vaulted Toilet Installations	\$550,000	\$550,000	\$0
С	2002.085	Modesto Reservoir Park Improvements	\$3,000,000	\$0	\$3,000,000
С	2002.093	Shiloh Fishing Access Development	\$350,000	\$0	\$350,000
С	2002.097	Frank Raines Regional Park Upgrade	\$2,075,000	\$0	\$2,075,000
С	2008.011	Fairview Park Playground Equipment & Restroom Renovation	\$542,500	\$0	\$542,500
С	2008.013	Hatch Park Playground Equipment and Restroom Replacement	\$882,353	\$0	\$882,353
С	2008.014	Hatch Park Ballfield Improvements	\$167,650	\$0	\$167,650
С	2008.017	Frank Raines Regional Park Day Use Area Improvements	\$882,353	\$0	\$882,353
С	2008.018	Frank Raines Regional Park Hall Restoration Project	\$628,824	\$0	\$628,824
PLANN	ING		\$22,700,000	\$600,000	\$7,100,000
Status	CIP#	Project Name			
В	2002.049	Empire Sewer, Storm Drain and Sidewalk Improvements	\$15,000,000	\$0	\$0
С	2002.048	Airport District Sewer, Storm Drain/Sidewalk Improvements	\$6,500,000	\$0	\$6,500,000
С	2009.007	Building Permits Software Upgrades	\$1,200,000	\$600,000	\$600,000
PUBI IO	C WORKS F	ROADS	\$1,066,100,000	\$608,127,400	\$0
Status		Project Name	+ 1/222/122/222	+222/121/122	7.5
- 1010		BRIDGES			
В	2006.009	Crows Landing Road at San Joaquin River	\$10,000,000	\$440,000	\$0
В		Geer Road at Tuolumne River	\$1,500,000	\$0	\$0
Α		Grayson Road at Laird Slough	\$500,000	\$50,000	\$0
В		Hickman Road at Tuolumne River	\$13,000,000	\$0	\$0
В		Hills Ferry/River Road at San Joaquin River	\$5,179,000	\$0	\$0
В		Kilburn Road Bridge	\$2,200,000	\$0	\$0
Α		McHenry Avenue at Stanislaus River 82	\$18,000,000	\$1,100,000	\$0

			2010-2011 Total Estimated Project Cost	2010-2011 Total County Funding	2010-2011 Funding Not Yet Identified
В	2006.016	Pete Miller Road at Delta Mendota Canal	\$885,000	\$0	\$0
В	2006.011	Santa Fe Avenue at Tuolumne River	\$22,000,000	\$2,500,000	\$0
В	2008.032	Seventh Street at Tuolumne River	\$29,000,000	\$0	\$0
		INTERSECTIONS - CONGESTION RELIEF/SAFETY			
Α	2006.089	Carpenter Road at Beverly Drive and Robertson Road Traffic Signals	\$1,400,000	\$0	\$0
С	2006.107	Carpenter Road at Crows Landing Road Traffic Signals	\$1,800,000	\$1,800,000	\$0
С	2006.103	Carpenter Road at Grayson Road Traffic Signals	\$2,000,000	\$2,000,000	\$0
С	2008.027	Carpenter Road at Hatch Road Traffic Signals	\$1,500,000	\$750,000	\$0
С	2006.104	Carpenter Road at Keyes Road Traffic Signals	\$2,000,000	\$2,000,000	\$0
С	2006.097	Carpenter Road at West Main Street Traffic Signals	\$1,800,000	\$1,800,000	\$0
С	2008.029	Carpenter Road at Whitmore Avenue Traffic Signals	\$2,500,000	\$2,500,000	\$0
С	2008.036	Central Avenue at West Main Street Traffic Signals	\$5,000,000	\$5,000,000	\$0
В	2007.064	Claribel Road at Coffee Traffic Signals	\$2,500,000	\$2,000,000	\$0
С	2008.026	Claribel Road at Roselle Avenue Traffic Signals	\$2,000,000	\$1,000,000	\$0
С	2009.034	Crows Landing Road at Fulkerth Road Traffic Signals	\$2,000,000	\$2,000,000	\$0
Α	2006.092	Crows Landing Road at Grayson Road Traffic Signals	\$2,100,000	\$2,100,000	\$0
В	2008.046	Crows Landing Road and Hatch Road Signal Upgrade	\$485,000	\$48,500	\$0
В	2006.093	Crows Landing Road at Keyes Road Traffic Signals	\$2,100,000	\$2,100,000	\$0
В	2006.094	Crows Landing Road at West Main Street Traffic Signals	\$3,900,000	\$2,900,000	\$0
Α	2006.084	Geer Road at Santa Fe Avenue Traffic Signals	\$2,700,000	\$2,700,000	\$0
Α	2006.088	Geer Road at Whitmore Avenue Traffic Signals	\$2,500,000	\$2,500,000	\$0
С	2008.030	Golden State Blvd. at Golf Road Berkeley Avenue	\$2,000,000	\$0	\$0
В	2010.002	Howard Road Bike Lane	\$111,000	\$0	\$0
Α	2006.090	Las Palmas Avenue at Elm Avenue Traffic Signals	\$725,000	\$725,000	\$0
Α	2006.091	Las Palmas Avenue at Sycamore Avenue Traffic Signals	\$920,000	\$920,000	\$0
Α	2006.083	McHenry Avenue at Ladd Road Traffic Signals	\$3,300,000	\$3,300,000	\$0
Α	2008.034	Railroad Crossing Intersection Improvements	\$550,000	\$0	\$0
С	2006.110	Santa Fe Avenue at East Avenue Traffic Signals	\$2,000,000	\$2,000,000	\$0
Α	2006.085	Santa Fe Avenue at Hatch Road Traffic Signals	\$3,000,000	\$3,000,000	\$0
С	2006.109	Santa Fe Avenue at Keyes Road Traffic Signals	\$3,000,000	\$3,000,000	\$0
С	2002.344	Santa Fe Avenue at Main Street Traffic Signals	\$3,000,000	\$3,000,000	\$0
С	2006.108	Santa Fe Avenue at Service Road Traffic Signals	\$3,000,000	\$3,000,000	\$0
В	2008.045	South Ninth Street at Latimer Avenue Turn Pocket	\$120,000	\$10,000	\$0
С	2006.161	SR 219 (Kiernan Avenue) at SR 99 Interchange Replacement	\$67,000,000	\$30,000,000	\$0
С	2006.203	SR 99 at Hammett Road	\$80,000,000	\$30,000,000	\$0
С	2006.198	West Main St at Faith Home Road Traffic Signals	\$2,100,000	\$2,100,000	\$0
		WIDENINGS CADACITY INCOFACING			
C	2006.069	WIDENINGS - CAPACITY INCREASING Carpenter Road Widening Segment 1	\$4,500,000	\$4,500,000	\$0
С		Carpenter Road Widening Segment 2			
С			\$2,900,000	\$2,900,000	\$0 \$0
С	2006.071	·	\$2,700,000	\$2,700,000	\$0 \$0
B R	2007.033 2008.044		\$14,105,000 \$1,700,000	\$14,105,000 \$850,000	\$0 \$0
В		· · · · · · · · · · · · · · · · · · ·			
С		Claus Road Widening Terminal to Claribel Road	\$1,700,000	\$1,700,000	\$0 \$0
С	2006.051	Crows Landing Road Widening Segment 2 Crows Landing Road Widening Segment 3	\$2,000,000	\$2,000,000	\$0 \$0
С		Crows Landing Road Widening Segment 4	\$2,000,000 \$2,000,000	\$2,000,000 \$2,000,000	\$0
С		Crows Landing Road Widening Segment 5	\$2,300,000	\$2,000,000	\$0
C C			\$2,300,000	\$2,300,000	\$0 \$0
C	2000.002	Crows Landing Road Widening Segment 6 83	φ ι ,υυυ,υυυ	ψ1,000,000	ΦU

			2010-2011	2010-2011	2010-2011
			Total Estimated	Total County	Funding Not
			Project Cost	Funding	Yet Identified
С	2006.067	Crows Landing Road Widening Segment 7	\$9,700,000	\$9,700,000	\$0
С	2010.003	Faith Home Road-Widening-Project Initiation & Development	\$10,000,000	\$10,000,000	\$0
С	2006.061	Geer-Albers Road Widening Segment 1	\$3,700,000	\$3,700,000	\$0
С	2006.059	Geer-Albers Road Widening Segment 2	\$3,100,000	\$3,100,000	\$0
С	2006.055	Geer-Albers Road Widening Segment 3	\$2,700,000	\$2,700,000	\$0
Α	2006.050	Geer-Albers Road Widening Segment 4	\$6,100,000	\$6,100,000	\$0
С	2006.053	Geer-Albers Road Widening Segment 5	\$2,800,000	\$2,800,000	\$0
Α	2006.195	Hatch Road Widening Segment 1 Turn Lanes	\$2,530,000	\$2,530,000	\$0
Α	2006.065	McHenry Avenue Widening Segment 1	\$4,100,000	\$4,100,000	\$0
С	2006.068	McHenry Avenue Widening Segment 2	\$7,900,000	\$7,900,000	\$0
С	2007.049	North County Transportation Corridor	\$400,000,000	\$300,000,000	\$0
С	2006.073	Santa Fe Avenue Widening Segment 1	\$3,000,000	\$3,000,000	\$0
С	2006.074	Santa Fe Avenue Widening Segment 2	\$2,000,000	\$2,000,000	\$0
С	2006.075	Santa Fe Avenue Widening Segment 3	\$1,700,000	\$1,700,000	\$0
С	2010.004	South County Corridor-Expressway-Project Initiation & Development	\$10,000,000	\$10,000,000	\$0
С	2010.005	SR 33-Project Study & Project Initiation & Development	\$10,000,000	\$10,000,000	\$0
С	2010.006	SR 132 (SR99-Dakota Ave) Realignment	\$101,000,000	\$40,000,000	\$0
С	2010.007	SR 132 (SR99-Geers/Albers) Widening-Project Initiation & Development	\$10,000,000	\$10,000,000	\$0
С	2010.008	SR 132 (Dakota Ave-Co.Line) Realignment-Project Initiation & Development	\$10,000,000	\$10,000,000	\$0
Α	2006.121	SR 219 (Kiernan Avenue) Widening Segments 1a & 1b	\$57,000,000	\$0	\$0
С	2006.173	SR 219 (Kiernan Avenue) Widening Segments 2	\$43,000,000	\$0	\$0
С	2006.154	West Main St Widening Segment 1	\$3,900,000	\$3,900,000	\$0
С	2006.052	West Main St Widening Segment 2	\$2,800,000	\$2,800,000	\$0
С		West Main St Widening Segment 3	\$4,300,000	\$4,300,000	\$0
С	2006.058	West Main St Widening Segment 4	\$2,900,000	\$2,900,000	\$0
		FACILITIES AND MAINTENANCE			
В	2008.007	2-Axle Road Tractor	\$160,000	\$19,200	\$0
В	2009.008	2-Axle Road Tractor	\$160,000	\$19,200	\$0
В	2009.020	Backhoe	\$100,000	\$12,000	\$0
В	2009.009	Chip Spreader	\$165,000	\$19,800	\$0
В	2009.010	Front Loader	\$230,000	\$27,600	\$0
В	2009.011	Front Loader	\$230,000	\$27,600	\$0
В	2010.009	Front Loader	\$230,000	\$27,600	\$0
Α	2007.036	Morgan Road Operations Yard Facility Master Plan	\$75,000	\$75,000	\$0
В	2009.012	Motor Grader	\$210,000	\$25,200	\$0
В	2009.013	Motor Grader	\$210,000	\$25,200	\$0
В	2009.019	Roll-off Truck	\$210,000	\$25,200	\$0
В	2010.011	Sign Truck	\$105,000	\$13,650	\$0
В	2010.012	Sign Truck	\$105,000	\$13,650	\$0
В	2009.015	Street Sweeper	\$200,000	\$24,000	\$0
В	2009.016	Superdump Truck	\$200,000	\$24,000	\$0
В	2009.017	Superdump Truck	\$200,000	\$24,000	\$0
В	2010.010	Transfer Truck	\$200,000	\$24,000	\$0
В	2009.021	Water Truck	\$200,000	\$24,000	\$0
В	2009.022	Water Truck	\$200,000	\$24,000	\$0
В	2009.023	Water Truck	\$200,000	\$24,000	\$0

			2010-2011	2010-2011	2010-2011
			Total Estimated	Total County	Funding Not
			Project Cos	Funding	Yet Identified
PUBLIC	C WORKS 1	TRANSIT	\$14,858,192	\$0	\$13,415,000
Status	CIP#	Project Name			
Α	2009.006	Bus for County Transit Service	\$125,000	\$0	\$0
Α	2009.004	Electronic Fareboxes for County Buses 2010-2011	\$702,697	\$0	\$0
Α	2010.013	Patterson Transfer Center	\$245,495	\$0	\$0
Α	2009.005	Security Cameras & Information Technology- County Buses 2010-2011	\$300,000	\$0	\$0
В	2002.263	Purchase of Bus Stop Facilities: 2010-2011	\$70,000	\$0	\$0
В	2006.233	Install Information Technology in Buses 2010-2011	\$650,000	\$0	\$650,000
В	2007.045	Turlock Transfer Facility 2010-2011	\$2,000,000	\$0	\$2,000,000
С	2002.264	Purchase of Bus Stop Facilities: 2016-2017	\$80,000	\$0	\$80,000
С	2006.225	Purchase of 40 Foot CNG Buses 2013-2014	\$4,000,000	\$0	\$4,000,000
С	2006.226	Rebuild 40-Foot CNG Buses:2020-2021	\$600,000	\$0	\$600,000
С	2006.229	Replace 40-Foot CNG Buses:2021-2022	\$4,000,000	\$0	\$4,000,000
С	2006.230	Replace 40-Foot CNG Buses:2027-2028	\$2,000,000	\$0	\$2,000,000
С	2006.231	Purchase of Bus Stop facilities: 2024-2025	\$85,000	\$0	\$85,000
		GRAND	TOTAL \$1,145,462,922	\$611,569,340	\$56,423,680

CAPITAL IMPROVEMENT PLAN

Proposed



FINK ROAD LANDFILL—INTERIOR EXPANSION/PHASE 1 CONCEPTUAL DESIGN

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Environmental Resources **Location:** Crows Landing, West Hills

Project Number: 2007.059
Preliminary Schedule: 2008-2010
Estimated Project Cost: \$175,000



DESCRIPTION

The project is for the preliminary design and permitting of an interior expansion of the landfill consisting of filling in between the existing Landfill 1 and Landfill 2, and a vertical expansion over these same areas, together with the environmental review for the project. This project will result in extended disposal capacity for the burial of Class 3 municipal solid waste.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$		_
Design	\$ 175,000		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ -	Total County Funding	\$ 175,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 175,000	Total Project Funding	\$ 175,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is identified in the 100 year landfill study and is important because the existing capacity at the landfill is estimated to extend through 2023, which is less than the state-mandated 15-year minimum requirement. This project, once permitted would extend the life of the landfill approximately 10-15 years.

CURRENT STATUS

Project budget has been reviewed and approved by the Board of Supervisors and a contract was awarded in late 2008. CEQA was certified by the Board on February 2, 2010. The project has been fully funded in the County's budget and is currently in the process of preparing the application for a Revised Solid Waste Facilities Permit. The source of funds is the Department of Environmental Resources Fink Road Landfill Enterprise Fund. The project will be completed in 2010.

IMPACT ON THE OPERATING BUDGET

There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project as it is a conceptual planning project only.

CAPITAL IMPROVEMENT PLAN Proposed



FINK ROAD LANDFILL—TRANSFER STATION/MATERIALS RECOVERY

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Environmental Resources **Location:** Crows Landing, West Hills

Project Number: 2006.156
Preliminary Schedule: 2008-2012
Estimated Project Cost: \$5,750,000



DESCRIPTION

Design and construct a recycling center with hazardous materials collection at the Fink Road Landfill to reduce the amount of municipal solid waste being deposited and thereby extend the life of the current facility.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 750,000		
Acquisition	-		
Construction	-		
Other	\$ 5,000,000	Total County Funding	-
		State/Federal Funding	-
		OtherGrants	-
		Total Other Funding	-
		Non-County Contribution	-
Total Estimated Project Cost	\$ 5,750,000	Total Project Funding	-
		Funding Not Yet Identified	\$ 5,750,000

BACKGROUND

Targeted outcomes in the Board of Supervisors' goals of promoting effective solid waste disposal include: 1) Implementing programs that reduce the amount of waste entering the Landfill to extend its lifespan; and 2) Exceeding the 50% waste diversion mandate by meeting a 75% waste diversion rate. To that end, the Board wishes to consider the possibility of incorporating a materials recovery facility at the Fink Road Landfill.

CURRENT STATUS

A feasibility study was completed in the fall of 2009 and it was presented to the Board of Supervisors on June 29, 2010. Funding has not yet been identified.

IMPACT ON THE OPERATING BUDGET

The feasibility study identified approximate project costs, although funding for this project is not yet identified. If this project is constructed, there would be additional debt service payments, staffing, maintenance, and/or operating costs associated with this project.

CAPITAL IMPROVEMENT PLAN Proposed



FINK ROAD LANDFILL—ON SITE WATER SYSTEM

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Environmental Resources **Location:** Crows Landing, West Hills

Project Number: 2007.022
Preliminary Schedule: 2004-2011
Estimated Project Cost: \$750,000



DESCRIPTION

Construct an on-site water system for dust control and fire suppression at the Fink Road Landfill.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ 750,000		
Other	\$ -	Total County Funding	\$ 750,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 750,000	Total Project Funding	\$ 750,000
		Funding Not Yet Identified	\$

BACKGROUND

This project was identified in the Fink Road Landfill Development Plan, 1993, as there is no on-site water storage for dust control and fire suppression. Vehicle trips can be saved if storage on-site can be obtained.

CURRENT STATUS

This project has been budgeted for over the past several years but it had not moved forward because it was awaiting approval from the California Department of Water Resources (DWR). DWR granted tentative approval in April 2009 but at a very high cost. Given this, the Department is investigating alternate sources of water at a more affordable price. Geological studies will also be conducted in 2010 to determine the viability of the Landfill developing its own water source onsite. Funding must be identified before this project can move forward.

IMPACT ON THE OPERATING BUDGET

There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project.

CAPITAL IMPROVEMENT PLAN

Proposed



FINK ROAD LANDFILL—ASH CELL 4 DESIGN AND CONSTRUCTION

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Environmental Resources **Location:** Crows Landing, West Hills

Project Number: 2007.028
Preliminary Schedule: 2015-2016
Estimated Project Cost: \$5,250,000



DESCRIPTION

Design and construct the next ash waste management unit (Cell 4) at the Fink Road Landfill for the burial of Class II ash from the energy-from-waste facility. Project design also includes construction management oversight.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$		
Design	\$ 750,000		
Acquisition	\$ -		
Construction	\$ 4,500,000		
Other	\$ -	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherSale	\$
		Total Other Funding	\$
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 5,250,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 5,250,000

BACKGROUND

This project is identified in the Fink Road Landfill (FRLF) Development Plan, 1993. The Covanta, Stanislaus energy-from-waste facility began operation in 1989. It reduces the waste stream that formerly went to landfill disposal, approximately 90% by volume and 70% by weight. The remaining ash is disposed of in specially designed cells at the FRLF.

CURRENT STATUS

Ash Cell 3 currently has a remaining disposal capacity through 2017, so design and construction would not need to begin until 2015. Funding has not yet been identified for this project.

IMPACT ON THE OPERATING BUDGET

The FRLF is an enterprise fund and capital improvement costs are incorporated into the tipping fees that are collected at the landfill. There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project. This combines Project Nos. 2007.028 and 2007.027 into a single project.

CAPITAL IMPROVEMENT PLAN Proposed



FINK ROAD LANDFILL—INTERIOR EXPANSION/PHASE 2 DESIGN AND CONSTRUCTION

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System

Lead Department: Environmental Resources **Location:** Crows Landing, West Hills

Project Number: 2007.065
Preliminary Schedule: 2010-2016
Estimated Project Cost: \$5,250,000



DESCRIPTION

This project is for the design plans and construction of an interior expansion of the Fink Road Landfill (FRLF) consisting of filling in between the existing Landfill 1 and Landfill 2, and a vertical expansion over these same areas. This project will result in extended disposal capacity for the burial of Class 3 municipal solid waste.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 750,000		
Acquisition	-		
Construction	\$ 4,500,000		
Other	-	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 5,250,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 5,250,000

BACKGROUND

This project is identified in the 100 year landfill study and is important because the existing capacity at the landfill is estimated to extend through 2023, which is less than the state-mandated 15-year minimum requirement. Once constructed, this project would extend the life of the landfill approximately 10-15 years.

CURRENT STATUS

Following Cell 5, Cells 6 and 7 will be combined into a single, larger cell with approximately six years of capacity, through 2020. Cell 8, the smallest of the remaining original Cells, will be incorporated into this project. To complete the needed infrastructure changes such as relocating the main access road, design and construction should begin in approximately 2016. Funding has not yet been identified for this project.

IMPACT ON THE OPERATING BUDGET

The FRLF is an enterprise fund and capital improvement costs are incorporated into the tipping fees that are collected at the landfill. There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project. This combines Project Nos. 2007.065 and 2007.060 into a single Project.

CAPITAL IMPROVEMENT PLAN

Proposed



FINK ROAD LANDFILL—MUNICIPAL SOLID WASTE CELL 6 DESIGN AND CONSTRUCTION

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System

Lead Department: Environmental Resources **Location:** Crows Landing, West Hills

Project Number: 2009.001
Preliminary Schedule: 2013-2014
Estimated Project Cost: \$5,250,000



DESCRIPTION

Design and construct the next waste management unit (Cell 6) at the Fink Road Landfill for the burial of Class III municipal solid waste. Project design also includes construction management oversight.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 750,000		
Acquisition	\$ -		
Construction	\$ 4,500,000		
Other	\$ -	Total County Funding	\$ -
		State/Federal Funding	-
		OtherGrants	-
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 5,250,000	Total Project Funding	-
		Funding Not Yet Identified	\$ 5,250,000

BACKGROUND

This project is identified in the Fink Road Landfill (FRLF) Development Plan, 1993. The FRLF is the only landfill that is open to the public in Stanislaus County. The construction of Cell 5 is anticipated to be completed in 2010 and will provide adequate disposal capacity for Stanislaus County residents through approximately 2014. In order to continue to provide adequate disposal capacity, the County would need to begin planning for Cell 6 in 2013.

CURRENT STATUS

The source of funds for this project will be the Department of Environmental Resources Fink Road Landfill Enterprise Fund. This is a new project to be considered by the Board of Supervisors prior to proceeding.

IMPACT ON THE OPERATING BUDGET

This project, when constructed, will result in additional disposal capacity at the FRLF through approximately 2018, at an estimated cost of \$5,250,000 including both design and construction. There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project.

CAPITAL IMPROVEMENT PLAN Proposed



FRANK RAINES REGIONAL PARK WATER SYSTEM IMPROVEMENTS

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:West HillsProject Number:2003.003Preliminary Schedule:2006-2011Estimated Project Cost:\$1,000,000



DESCRIPTION

This project will make improvements to the overall water system including drinking and irrigation waters at Frank Raines Regional Park. The current water system does not meet State drinking water standards.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 70,000		
Design	\$ 30,000		
Acquisition	\$ -		
Construction	\$ 800,000		
Other	\$ 100,000	Total County Funding	\$ 1,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,000,000	Total Project Funding	\$ 1,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

On February 28, 2006 the Stanislaus County Board of Supervisors committed \$1 million associated with Parks Water Systems Improvements, Facilities Maintenance and Improvements. These water system improvements are being implemented to upgrade the park water system as required by the California Department of Public Health (CDPH) Compliance Order No. 03-10-07CO-011. This project required a report to identify improvement options and a Watershed Sanitary Survey of this location.

CURRENT STATUS

This project is identified in the Parks Master Plan, 1999. This project has been reviewed, approved and fully funded by the Board of Supervisors in 2006. In 2008, a Pilot Water Plant was installed at the park to confirm that the purposed solution would effectively clean the water to CDPH standards. Both the Watershed Sanitary Survey and the Pilot Water Plant require extensive water testing and monitoring. The Pilot Water project was completed and reviewed. On August 19, 2009 a RFQ was issued for the design of the system. The contract was award on March 10, 2010. The design work should be completed by Fall of 2010. Once the design work is complete a RFP will be prepared for construction.

IMPACT ON THE OPERATING BUDGET

There are anticipated staffing, maintenance and operating costs associated with this project. Existing and new revenues will cover the anticipated increase in maintenance and operation cost of the improved facilities. It is anticipated additional staffing hours of 78 to 156 annually will be needed.

CAPITAL IMPROVEMENT PLAN Proposed



HERON POINT PROJECT AT WOODWARD RESERVOIR

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:North CountyProject Number:2007.026Preliminary Schedule:2008-2011Estimated Project Cost:\$1,866,940



DESCRIPTION

Install new day use amenities for Heron Point including but not limited to a new boat ramp, fish cleaning station, picnic tables, restroom and parking.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 75,000		
Acquisition	-		
Construction	\$ 1,521,000		
Other	\$ 220,940	Total County Funding	\$ 366,940
		State/Federal Funding	\$ 1,500,000
		OtherGrants	\$ -
		Total Other Funding	\$ 1,500,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,866,940	Total Project Funding	\$ 1,866,940
		Funding Not Yet Identified	\$ -

BACKGROUND

This project has been identified in the Parks Master Plan, 1999 and may be eligible for the use of Public Facilities Fees funding.

CURRENT STATUS

All funding has been identified. The Board of Supervisors approved this project on October 21, 2008.

IMPACT ON THE OPERATING BUDGET

There are anticipated additional staffing, maintenance and operational costs associated with this project. Existing revenues will cover cost associated with mandated requirements for water testing, maintenance, and operation. Existing revenues will cover the anticipated increase in maintenance and operation cost of the improved facilities.

CAPITAL IMPROVEMENT PLAN Proposed



WOODWARD RESERVOIR PARK IMPROVEMENTS

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:East CountyProject Number:2002.082Preliminary Schedule:2006-2012Estimated Project Cost:\$5,880,000



DESCRIPTION

Improvements of real property to include utilities, sewer system, potable water, irrigation systems, traffic circulation (motorized and non-motorized) service yard, day-use areas, campgrounds, boat launching areas, interpretive and educational areas, play structures, and restroom and shower facilities.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 127,600		
Design	\$ 176,400		
Acquisition	\$ -		
Construction	\$ 4,988,000		
Other	\$ 588,000	Total County Funding	\$ -
		State/Federal Funding (ARRA)	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ 1,000,000
Total Estimated Project Cost	\$ 5,880,000	Total Project Funding	\$ 1,000,000
		Funding Not Yet Identified	\$ 4,880,000

BACKGROUND

This project has been identified in the Parks Master Plan, 1999. A Non-County contribution to begin improvements was received by the South San Joaquin Irrigation District in the amount of \$1,000,000.

CURRENT STATUS

Park improvements to date include two new potable water wells and the addition of a secondary entrance station completed in 2008, and an addition of six (6) vaulted restrooms completed in 2005. Additionally, a Carrying Capacity Study was completed in 2005 giving the Department the ability to begin its conceptual designs.

IMPACT ON THE OPERATING BUDGET

There are anticipated maintenance and operational costs associated with this project. These costs have not been determined. It is anticipated additional staffing hours of 1,840 to 2,760 annually will be needed when completely built-out.

CAPITAL IMPROVEMENT PLAN Proposed



FRANK RAINES OFF HIGHWAY VEHICLE PARK FENCE

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:West HillsProject Number:2002.084Preliminary Schedule:2009-2020Estimated Project Cost:\$1,000,000



DESCRIPTION

Provide additional fencing to keep Off-Highway Vehicles (OHV) out of environmentally sensitive areas, off private property and closed sections of the park.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ _		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ 1,000,000		
Other	\$ -	Total County Funding	\$
		State/Federal Funding	\$ -
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,000,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 1,000,000

BACKGROUND

This project is identified in the Parks Master Plan, 1999.

CURRENT STATUS

During Fiscal Year of 2007-2008 over two (2) miles of new fencing was added to Frank Raines Regional Park and in particular to secure the off highway vehicle area and environmentally sensitive areas adjacent to the off highway vehicle area. At this time, there is no identified funding for additional fencing to be installed for the remainder of the area.

IMPACT ON THE OPERATING BUDGET

There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project.

CAPITAL IMPROVEMENT PLAN Proposed



SALIDA PARKS AND STREETSCAPING URBAN CONSERVATION WATER SUPPLY

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:SalidaProject Number:2008.010Preliminary Schedule:2008-2011Estimated Project Cost:\$554,110



DESCRIPTION

In response to increasing water costs for landscape and streetscape irrigation the department is proposing to install non-potable water sources for irrigation. Once the non-potable wells have been installed we will look at additional water conservation measures as moisture controlled irrigation and drought tolerant plant replacement. The installation of the non-potable wells will be the first phase of this project.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$		
Design	\$ 30,000		
Acquisition	\$ -		
Construction	\$ 165,000		
Other	\$ 359,110	Total County Funding	\$
		State/Federal Funding	\$ -
		OtherGrants	\$ 544,110
		Total Other Funding	\$ 544,110
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 554,110	Total Project Funding	\$ 544,110
		Funding Not Yet Identified	\$ -

BACKGROUND

Source of funds are Salida Planned Development Park Fees. The Board of Supervisors approved \$50,000 on December 16, 2008 for Countrystone Park Water Conservation Project. It is anticipated by applying alternate water supply components including non-potable water, more energy efficient materials and water conservation methods, a significant reduction in utility costs will be seen.

CURRENT STATUS

On April 20, 2010, the Board of Supervisors approved the department to move forward with four non-potable wells and water conservation projects. The Department is preparing to complete well developments for Segesta, Wincanton, and Murphy Parks. Additionally, 5.4 miles of streetscapes have been assessed determining best practices for water conservation activities. Anticipated completion of the four additional wells is by October 2010 and the 5.4 miles of streetscapes is during fiscal year 2010-2011. Additional projects including shade structures, tree planting, placement of drought resistant shrubs, installation of water efficient irrigation systems, and soil retaining moisture efforts.

IMPACT ON THE OPERATING BUDGET

There are no anticipated increases in staffing, maintenance and/or operating costs associated with this project. It is anticipated that annual water costs will be reduced by 50% once the project is complete.

CAPITAL IMPROVEMENT PLAN Proposed



WOODWARD RESERVOIR VAULTED TOILET INSTALLATION

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:East CountyProject Number:2009.032Preliminary Schedule:2010-2012Estimated Project Cost:\$550,000



DESCRIPTION

Install 12 double vaulted toilets, 12 concrete slabs with bollards and purchase 12 four yard garbage dumpsters at various locations around Woodward Reservoir.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 40,000		
Acquisition	-		
Construction	\$ 460,000		
Other	\$ 50,000	Total County Funding	\$ 550,000
		State/Federal Funding	\$
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 550,000	Total Project Funding	\$ 550,000
		Funding Not Yet Identified	\$ -

BACKGROUND

As a part of recent upgrades provided at Woodward Reservoir the Parks Department installed 11 double vaulted restrooms, concrete slabs with bollards and four-yard garbage dumpsters. The result of this installation has lead to cost reductions in renting and servicing the portable toilets, reduced maintenance, and reduction in litter clean up especially after three-day holidays. To reduce the chances of portable toilets ending up in the reservoir, reduce litter in the reservoir and reduce our maintenance costs we propose to install an additional 12 double-vaulted restrooms, concrete slabs with bollards and 12 four-yard garbage dumpsters. Over the past several years we have seen an increase in the attendance both day use and over night camping, this has pushed the additional customers in the less developed area. Providing these amenities will enhance the experience and reduce the cost of maintaining these areas.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding.

IMPACT ON THE OPERATING BUDGET

This should reduce the cost of maintaining the areas where these amenities are installed.

CAPITAL IMPROVEMENT PLAN Proposed



MODESTO RESERVOIR PARK IMPROVEMENTS

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:East CountyProject Number:2002.085Preliminary Schedule:2012-2020Estimated Project Cost:\$3,000,000



DESCRIPTION

Improvements of real property to increase separation between day use and overnight use areas. Remodeling of areas to increase recreational facilities on land and improved circulation and traffic patterns.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 65,000		
Design	\$ 235,000		
Acquisition	\$ -		
Construction	\$ 2,430,000		
Other	\$ 300,000	Total County Funding	\$ -
		State/Federal Funding	-
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,000,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 3,000,000

BACKGROUND

This project is identified in the Parks Master Plan, 1999.

CURRENT STATUS

No funding sources are available at this time to move this project past the study/review phase.

IMPACT ON THE OPERATING BUDGET

There are anticipated additional staffing, maintenance and operational costs associated with this project. Existing revenues will cover cost associated with mandated requirements for water testing, maintenance, and operation. Existing and new revenues will cover the anticipated increase in maintenance and operation cost of the improved facilities. It is anticipated additional staffing hours of 1,406 to 2,344 annually will be needed when completely built-out.

CAPITAL IMPROVEMENT PLAN Proposed



SHILOH FISHING ACCESS DEVELOPMENT

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:West CountyProject Number:2002.093Preliminary Schedule:2012-2014Estimated Project Cost:\$350,000



DESCRIPTION

Design and construct a fishing access at the Tuolumne River near the San Joaquin River.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 7,000		_
Design	\$ 10,500		
Acquisition	\$ -		
Construction	\$ 297,500		
Other	\$ 35,000	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 350,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 350,000

BACKGROUND

This project is identified in the Parks Master Plan, 1999. This conceptual plan was included in a broader master planning effort pending approval by the Board.

CURRENT STATUS

No funding sources are available at this time to move this project past the study/review phase.

IMPACT ON THE OPERATING BUDGET

There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project.

CAPITAL IMPROVEMENT PLAN Proposed



FRANK RAINES REGIONAL PARK UPGRADE

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:West HillsProject Number:2002.097Preliminary Schedule:2007-2014Estimated Project Cost:\$2,075,000



DESCRIPTION

Preliminary review, design and construction of improvements to Frank Raines Regional Park including Minnear Day Use, Deer Creek Campgrounds, and the Off Highway Vehicle Area Trail System. This project would also include construction of an interpretive/education center.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
	400,000	FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 75,000		
Acquisition	\$ -		
Construction	\$ 1,700,000		
Other	\$ 200,000	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,075,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 2,075,000

BACKGROUND

This project is identified in the Parks Master Plan, 1999. This conceptual plan was included in a broader master planning effort pending approval by the Board.

CURRENT STATUS

No funding sources are available at this time to move this project past the study/review phase.

IMPACT ON THE OPERATING BUDGET

There are anticipated maintenance and operational costs associated with this project. These costs have not been determined. It is anticipated additional staffing hours of 973 to 1,621 annually will be needed.

CAPITAL IMPROVEMENT PLAN Proposed



FAIRVIEW PARK--PLAYGROUND EQUIPMENT & RESTROOM RENOVATION

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:ModestoProject Number:2008.011Preliminary Schedule:2014-2020Estimated Project Cost:\$542,500



DESCRIPTION

Design, develop, and install a Tot-Lot and/or Children's Playground with ADA requirements related to day use facilities and the renovation of the dilapidated restroom facility.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 10,857		
Design	\$ 16,268		
Acquisition	\$ -		
Construction	\$ 461,125		
Other	\$ 54,250	Total County Funding	\$
		State/Federal Funding	\$ -
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 542,500	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 542,500

BACKGROUND

This project is identified in the Parks Master Plan, 1999.

CURRENT STATUS

No funding sources are available at this time to move this project past the study/review phase.

IMPACT ON THE OPERATING BUDGET

There are anticipated maintenance and operational costs associated with this project. These costs have not been determined. It is anticipated additional staffing hours of 170 to 254 annually will be needed.

CAPITAL IMPROVEMENT PLAN Proposed



HATCH PARK—PLAYGROUND EQUIPMENT & RESTROOM REPLACEMENT

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:KeyesProject Number:2008.013Preliminary Schedule:2014-2020Estimated Project Cost:\$882,353



DESCRIPTION

Design, develop, and install a Tot-Lot and/or Children's Playground with ADA requirements related to day use facilities and replace restroom.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 17,647		
Design	\$ 26,471		
Acquisition	\$ -		
Construction	\$ 750,000		
Other	\$ 88,235	Total County Funding	\$ -
		State/Federal Funding	\$
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 882,353	Total Project Funding	\$
		Funding Not Yet Identified	\$ 882,353

BACKGROUND

This project is identified in the Parks Master Plan, 1999.

CURRENT STATUS

No funding sources are available at this time to move this project past the study/review phase.

IMPACT ON THE OPERATING BUDGET

There are anticipated maintenance and operational costs associated with this project. These costs have not been determined. It is anticipated additional staffing hours of 276 to 414 annually will be needed.

CAPITAL IMPROVEMENT PLAN Proposed



HATCH PARK—BALL FIELD IMPROVEMENTS

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:KeyesProject Number:2008.014Preliminary Schedule:2014-2019Estimated Project Cost:\$167,650



DESCRIPTION

Renovation of existing ball field.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 3,352		
Design	\$ 5,030		
Acquisition	\$ -		
Construction	\$ 142,503		
Other	\$ 16,765	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 167,650	Total Project Funding	\$ -
_		Funding Not Yet Identified	\$ 167,650

BACKGROUND

This project is identified in the Parks Master Plan, 1999.

CURRENT STATUS

No funding sources are available at this time to move this project past the study/review phase.

IMPACT ON THE OPERATING BUDGET

There are anticipated maintenance and operational costs associated with this project. These costs have not been determined. It is anticipated additional staffing hours of 13 to 26 annually will be needed.

CAPITAL IMPROVEMENT PLAN Proposed



FRANK RAINES REGIONAL PARK—DAY USE AREA & PLAYGROUND **IMPROVEMENTS**

CIP Category: C—FUTURE PROJECT/PLANNED Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location: West Hills 2008.017 2015-2020

Project Number: Preliminary Schedule: Estimated Project Cost: \$882,353



DESCRIPTION

Design, develop and install a Tot-Lot and/or Children's Playground with ADA requirements related to day use facilities.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 17,647		
Design	\$ 26,471		
Acquisition	\$ -		
Construction	\$ 750,000		
Other	\$ 88,235	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 882,353	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 882,353

BACKGROUND

This project is identified in the Parks Master Plan, 1999.

CURRENT STATUS

No funding sources are available at this time to move this project past the study/review phase.

IMPACT ON THE OPERATING BUDGET

There are anticipated maintenance and operational costs associated with this project. These costs have not been determined. It is anticipated additional staffing hours of 74 to 110 annually will be needed.

CAPITAL IMPROVEMENT PLAN Proposed



FRANK RAINES REGIONAL PARK—HALL RESTORATION & REHABILITATION PROJECT

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System

Lead Department: Parks and Recreation

Location:West HillsProject Number:2008.018Preliminary Schedule:2013-2019Estimated Project Cost:\$628,824



DESCRIPTION

Identification, retention, protection, and renovation for the preservation of the Recreation Hall remaining an integral focus point of this regional facility. Prominent visible exterior renovation includes roofing, windows, doors and walls.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 20,000		
Acquisition	\$ -		
Construction	\$ 500,000		
Other	\$ 58,824	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 628,824	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 628,824

BACKGROUND

This project is identified in the Parks Master Plan, 1999.

CURRENT STATUS

During Fiscal Year 2006-2007, deferred maintenance monies as approved by the Board of Supervisors funded the rehabilitation of the roof. No additional funding sources are available at this time to move this project past the study/review phase.

IMPACT ON THE OPERATING BUDGET

There are anticipated maintenance and operational costs associated with this project. These costs have not been determined. It is anticipated additional staffing hours of 295 to 393 annually will be needed.

CAPITAL IMPROVEMENT PLAN Proposed





EMPIRE SEWER, STORM DRAIN, AND SIDEWALK IMPROVEMENTS

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Planning & Community Development

Location:EmpireProject Number:2002.049Preliminary Schedule:2008-2012Estimated Project Cost:\$15,000,000



DESCRIPTION

Public infrastructure improvements to include an underground storm drain piping system, new streets with curb, gutter, and inlets to serve the residential neighborhood generally bounded by McCoy Avenue on the north, MID Lateral Canal on the south, Abbie Street on the east and "A" Street on the west.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 1,000,000		
Acquisition	\$ -		
Construction	\$ 14,000,000		
Other	\$ -	Total County Funding	\$
		State/Federal Funding	\$ 12,500,000
		OtherGrants	\$ 2,500,000
		Total Other Funding	\$ 15,000,000
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 15,000,000	Total Project Funding	\$ 15,000,000
•		Funding Not Yet Identified	\$ -

BACKGROUND

The Empire Infrastructure Improvement Project was established in October/November 2006 in partnership with Stanislaus County Public Works, Redevelopment Agency, Community Development Block Grant and StanTec to provide the necessary engineering and design for the entire Empire Storm Drainage Infrastructure Project. Due to reductions in RDA and other special revenue funding sources the project will be updated to include a phased construction approach.

CURRENT STATUS

Engineering and design for Phase 1A has been completed and the construction phase began in December 2009 and is scheduled for completion in September 2010.

Area residents will vote in November 2010 to form a new Community Services Area for the maintenance and operation of the new system. Engineering and design for Phase 1B, the storm drain line to the MID outfall, will begin in during Budget Year 2010-2011.

IMPACT ON THE OPERATING BUDGET

Construction and/or debt service payments will be funded from a combination of Community Development Block Grant and Redevelopment Agency funding. A CSA will be formed to provide funding for the

maintenance of all storm drain facilities and street sweeping. Road Fund budget.	Road maintenance will be a normal part of the

CAPITAL IMPROVEMENT PLAN

Proposed



AIRPORT DISTRICT SEWER, STORM DRAIN/SIDEWALK IMPROVEMENTS

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Planning & Community Development

Location:ModestoProject Number:2002.048Preliminary Schedule:2007-2014Estimated Project Cost:\$6,500,000



DESCRIPTION

Public infrastructure (storm drain) to serve the residential neighborhood generally bounded by Yosemite Boulevard on the north, Oregon Drive on the south, Conejo Avenue on the east and Santa Rosa Avenue on the west.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ -	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 6,500,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 6,500,000

BACKGROUND

This project will be designed to provide infrastructure improvements to the Airport District in partnership with the City of Modesto.

CURRENT STATUS

This project will begin engineering and design in Fiscal Year 2010-2011 in partnership with the City of Modesto.

IMPACT ON THE OPERATING BUDGET

The Redevelopment Agency will be responsible for a portion of the construction/debt service payment. This project is being designed and built in partnership with the City of Modesto and all expenses will be shared proportionately. Prior to construction, a plan will be developed to address all maintenance and operating costs and the responsible agency.

CAPITAL IMPROVEMENT PLAN Proposed



BUILDING PERMITS SOFTWARE UPGRADES

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Planning and Community Development

Location:County-wideProject Number:2009.007Preliminary Schedule:2009-2011Estimated Project Cost:\$1,200,000



DESCRIPTION

This project will provide an upgrade to the 10 year-old building permit tracking software. Staff from several Departments reviewed proposals in 2007-2008, and recommended Accela Automation as the preferred provider.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	-		
Construction			
Other	\$ 1,200,000	Total County Funding	\$ 600,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,200,000	Total Project Funding	\$ 600,000
		Funding Not Yet Identified	\$ 600,000

BACKGROUND

The current Building Permit tracking software (Tidemark V2.6) is approximately 10 years old and has not been kept current. From 2006 to 2007 staff conducted a request for proposals to determine how best to increase the efficiency of the existing tracking system.

Following a detailed evaluation of vendors, it was determined that Accela Automation based software, together with data conversion, and script development services would provide the most cost effective solution to improve and streamline internal business processes, deliver features via an entirely web-based system, manage and track system usage with an internal audit trail, eliminate redundant data entry, provide 24 hour citizen access, and provide for field reporting devices.

CURRENT STATUS

This project is currently under reconsideration. Staff requested and received a modified bid and scope of work from the selected provider and is currently evaluating that bid. However, based on a 2010 study regarding the feasibility of regionalization completed for both the City of Modesto and County of Stanislaus Building Permits Divisions, staff may consider re-issuing a new request for proposals in coordination with the City of Modesto.

IMPACT ON THE OPERATING BUDGET

There are currently no anticipated additional debt service payments. All maintenance and/or operating costs associated with this project will be absorbed within the existing department budget. Existing staff can be trained to maintain and operate the system once it is in place.

PUBLIC WORKS DEPARTMENT MESSAGE

Stanislaus County Department of Public Works maintains a large and diverse base of infrastructure types. Public Works maintains 237 bridges, approximately 1,534 miles of roads and through contract maintains 34 signals. Within this base of installed infrastructure, a systematic method of prioritizing projects has been developed to ensure that today's limited transportation dollars are being spent on the right projects to efficiently maintain, rehabilitate or expand our infrastructure. Additionally, there is a desire to increase capacity and safety where the demand and need is highest and that the right problems at the right time are addressed.

The CIP is a finance and scheduling document and is used to determine the total costs of all the projects that the County might envision in a 20-year time horizon. We have developed a program that determines the priority of the CIP projects, through objective, measurable criteria. The CIP is consistent with the County's proposed Public Facilities Fee (PFF) program. The primary objective of the PFF program is to ensure that new development pay the capital costs associated with growth. It is our intention that the CIP, the PFF and regional planning documents, such as the Regional Transportation Program be consistent and coordinated. Below is a brief summary of public works transportation facility infrastructure project categories.

As the update to the 2009-2010 PFF program was being prepared, the County's Chief Executive Officer was approached by City Managers with a suggestion to broaden the scope to include those regional transportation projects currently contained in the various City Capital Facilities Fees (CFF) programming. The cities' recommendation also requested that final approval authority for the authorization of funds reside with Stanislaus Council of Governments (StanCOG) or a future Joint Powers Authority (JPA). As the result of that request, the Board of Supervisors authorized staff to meet with all nine cities and StanCOG to discuss the potential formation of an inclusive Regional Transportation Impact Fee (RTIF) program. Future CIPs would be adjusted accordingly to reflect any actions resulting from those meetings.

BRIDGES

Stanislaus County owns and maintains 237 bridges of various ages, construction materials and lengths. Our oldest bridges are approaching 100 years old and the newest bridge is less than 6 months old. Our shortest bridges are just over 20 feet long for various canal crossings, while our longest span bridge is McHenry Road Bridge over the Stanislaus River at 1,136 feet. The first 20 bridges proposed to be repaired or replaced in Stanislaus County have an average age of 65 years. The life expectancy of a bridge is approximately 75 years. We are rapidly approaching the end of the useful life of a significant amount of our infrastructure.

The analysis for the bridge prioritization considered four types of information: the Caltrans Sufficiency Rating, the traffic volumes, the detour or bypass length and the cost of the project. Therefore, a bridge that has high volumes, a very low sufficiency rating, a high cost, and a moderate bypass length is one of our highest priority bridges. The Seventh Street Bridge over the Tuolumne River is an example of one of our highest priorities.

The approximate cost of the top 10 bridge projects in Stanislaus County in 2010 dollars is \$102,264,000. At the current reimbursement rate from the Highway Bridge Program (HBP) there would be a local match of \$4,090,000 (2010 dollars). The cost will likely go up as inflation has run at 2-3% annually historically. The program to address the first 20 bridges is envisioned to take at least 20 years to implement due to the high cost of the bridges and the complexity of these project types.

INTERSECTIONS-CONGESTION RELIEF/SAFETY

Stanislaus County currently maintains 34 signals through a contract with the City of Modesto or Caltrans. Signals are necessary at high volume and/or high accident occurrence intersections. Signals are costly

to maintain and operate so they need to be placed only when justified by signal warrants, per the Manual on Uniform Traffic Control Devices (MUTCD).

The Stanislaus County signal project program prioritizes signal installations based upon:

- Meets Signal Warrants
- Cost to Benefit Ratio
- Measured Delay at the Peak Hour
- Safety Index

These factors are utilized in our analysis. The final ranking is based upon the summation of these factors and then the signal projects are prioritized. Although some intersections may rank very high in the prioritization model, realistically some may not be feasible due to environmental or location specific issues. Priority is assigned to corridor relief, so that a low ranking signal on a high ranked corridor will get put in to relieve traffic on that corridor. Examples of this are Albers/Geer Road Corridor as well as the current projects on Crows Landing Road.

WIDENINGS-CAPACITY INCREASING

Stanislaus County currently maintains approximately 1,534 miles of roads. The majority of our roads are 2-lane local roads, which comprise approximately 1,050 miles of roads. The rest of our maintained mileage, approximately 450 miles comprises our Federal Aid eligible network, which consists of Major Roads and Expressways. These roads receive the majority of our maintenance effort, as we receive Federal Aid money to maintain this network, which currently runs approximately \$1.8 million per year.

The roads we studied for the widening report are on the Federal Aid system and also Public Facility Fees (PFF) eligible. These roads are listed below:

- McHenry Avenue
- Claus Road
- Santa Fe Avenue
- Hatch Road
- West Main Avenue
- Crows Landing Road
- Faith Home Road
- Carpenter Road
- East Avenue
- Claribel Avenue

These roads consist of the most heavily traveled road segments in Stanislaus County. The analysis performed for these road segments to prioritize the widenings followed the 2000 Highway Capacity Manual methodologies.

A Well-Planned Infrastructure System



Public Works Bridges



CROWS LANDING ROAD AT SAN JOAQUIN RIVER—Seismic Bridge Replacement

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: South of Modesto: East of Patterson

Project Number: 2006.009
PW Project Number: 9589
Preliminary Schedule: 2000-2013
Estimated Project Cost: \$10,000,000



DESCRIPTION

This bridge will be a three-lane bridge replacement. The third lane is for traffic safety for making northbound left turn movements on to Carpenter Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 800,000		
Acquisition	\$ 150,000		
Construction	\$ 9,000,000		
Other	\$ -	Total County Funding	\$ 440,000
		State/Federal Funding (LSSRP/HBP)	\$ 9,560,000
		OtherGrants	\$
		Total Other Funding	\$ 9,560,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 10,000,000	Total Project Funding	\$ 10,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This bridge was built in 1949 and consists of a steel stringer and steel plate girder superstructure on reinforced concrete wall piers and reinforced concrete pile bents with reinforced concrete winged abutments. The entire bridge span is approximately 670 linear feet in length and the Average Daily Traffic (ADT) volume is approximately 6,700 vehicles per day. Per the latest Caltrans bridge report issued in September 2007 and FHWA's 1995 Coding Guide, this bridge has been determined to be scour critical. Immediate action is required to provide scour countermeasures. The bridge is also on the LSSRP due to seismic deficiencies and the bridge is listed as functionally obsolete.



CAPITAL IMPROVEMENT PLAN Proposed



CROWS LANDING ROAD AT SAN JOAQUIN RIVER (cont'd)

This bridge is considered a mandatory seismic replacement. It is scour critical, seismically deficient, and functionally obsolete. It has a significant 15 mile detour. Phased construction will be required to not hinder traffic flow.

CURRENT STATUS

A project strategy has been selected and is awaiting funding approval. This project has three planned funding sources, LSSRP, HBP, and local match funding. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2013.

IMPACT ON THE OPERATING BUDGET



GEER ROAD AT TUOLUMNE RIVER—Seismic Bridge Retrofit

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: East of Modesto; North of Hughson

Project Number: 2006.008
PW Project Number: 9408
Preliminary Schedule: 1997-2012
Estimated Project Cost: \$1,500,000



DESCRIPTION

This bridge project consists of a seismic strengthening of the existing two-lane bridge. The project will install outriggers bents and other strengthening measures for seismic safety.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 50,000		
Acquisition	\$ -		
Construction	\$ 1,400,000		
Other	\$ -	Total County Funding	\$ -
		State/Federal Funding (LSSRP)	\$ 1,500,000
		OtherGrants	\$ -
		Total Other Funding	\$ 1,500,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,500,000	Total Project Funding	\$ 1,500,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This bridge was built in 1960 and consists of a reinforced concrete continuous box girder superstructure on reinforced concrete single column piers and reinforced concrete winged abutments that rest on concrete piles. The entire bridge span is approximately 656 linear feet in length and the Average Daily Traffic (ADT) volume is 13,000 vehicles per day.

The bridge has a high daily traffic count and a moderately long detour of 8.7 miles. The bridge will not be required to be widened until the Geer/Albers corridor is widened in the future.



CAPITAL IMPROVEMENT PLAN Proposed

Stanislaus

GEER ROAD AT TUOLUMNE RIVER (cont'd)

CURRENT STATUS

A programming request has been sent to Caltrans and is undergoing review. This project is estimated to begin construction in 2012.

IMPACT ON THE OPERATING BUDGET



GRAYSON ROAD AT LAIRD SLOUGH—Seismic Bridge Retrofit

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Location: East of Grayson

Project Number: 2006.006
PW Project Number: 9581
Preliminary Schedule: 2000-2010
Estimated Project Cost: \$500,000



DESCRIPTION

This project will retrofit the current structure on Grayson Road at Laird Slough to be seismically sound. The work itself consists of installing reinforcing hinges and the addition of slope protection around piles and columns.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 50,000		
Acquisition	\$ -		
Construction	\$ 400,000		
Other	\$ -	Total County Funding	\$ -
		HBP Funding	\$ 450,000
		OtherGrants	\$ -
		Total Other Funding	\$ 450,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 500,000	Total Project Funding	\$ 450,000
		Funding Not Yet Identified	\$ 50,000

BACKGROUND

This bridge was built in 1962 and consists of a continuous reinforced concrete deck slab on reinforced concrete steel pile bents and reinforced concrete winged abutments on concrete piles. The entire bridge span is approximately 408 linear feet in length and the Average Daily Traffic (ADT) volume is 5,000 vehicles per day.

This bridge carries a significant amount of traffic and has the highest detour length (19 miles) of any bridge in the Seismic Retrofit category.



CAPITAL IMPROVEMENT PLAN Proposed



GRAYSON ROAD AT LAIRD SLOUGH (cont'd)

CURRENT STATUS

Design has been completed. Construction scheduled to begin summer of 2010.

IMPACT ON THE OPERATING BUDGET



HICKMAN ROAD AT TUOLUMNE RIVER—Seismic Bridge Replacement

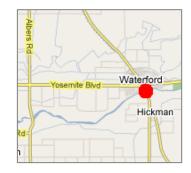
CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: South of Waterford; East of Modesto

Project Number: 2006.013

PW Project Number: 9585

Preliminary Schedule: 2002-2014

Estimated Project Cost: \$13,000,000



DESCRIPTION

This bridge project consists of a two-lane replacement bridge. The bridge will be built in phases in order to keep traffic open between Hickman and Waterford.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 400,000		
Design	\$ 800,000		
Acquisition	\$ 500,000		
Construction	\$ 11,300,000		
Other	\$ -	Total County Funding	\$
		State/Federal Funding (LSSRP)	\$ 13,000,000
		OtherGrants	\$
		Total Other Funding	\$ 13,000,000
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 13,000,000	Total Project Funding	\$ 13,000,000
		Funding Not Yet Identified	\$

BACKGROUND

This bridge was built in 1964 and consists of a reinforced concrete continuous box girder superstructure on reinforced concrete solid wall piers and reinforced concrete winged abutments, all on steel piles. The entire bridge span is approximately 653 linear feet in length and the Average Daily Traffic (ADT) volume is 8,000 vehicles per day.

This bridge is scour critical with a minor scour countermeasure project being performed less than five years ago. The countermeasures are sufficient to 15,000 cfs on the Tuolumne River. This flow is quite common on the river and can cause the bridge to be closed, resulting in a significant 16 mile detour to either Geer Road Bridge or Roberts Ferry Bridge. The driven piles for the piers have been determined to be too shallow and are located in potentially liquefiable soils.

CURRENT STATUS

A programming request was submitted to Caltrans on August 29, 2008. Construction is estimated to begin in 2014.

IMPACT ON THE OPERATING BUDGET



HILLS FERRY/RIVER ROAD AT SAN JOAQUIN RIVER—Bridge Mandatory Seismic

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: Northeast of Newman

Project Number: 2006.014
PW Project Number: 9203
Preliminary Schedule: 2008-2013
Estimated Project Cost: \$5,179,000



DESCRIPTION

The work required for the seismic retrofit of this bridge includes the addition of deck restrainers which will tie the superstructure members together, to the columns, and to the piers with cables; enlarging or modifying footings for increased capacity; and retrofitting columns with steel sheathing, via partial column reconstruction or by similar means.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 79,000		
Design	\$ 200,000		
Acquisition	\$ -		
Construction	\$ 4,900,000		
Other	-	Total County Funding	-
		State/Federal Funding (LSSRP)	\$ 5,179,000
		OtherGrants	-
		Total Other Funding	\$ 5,179,000
		Non-County Contribution	-
Total Estimated Project Cost	\$ 5,179,000	Total Project Funding	\$ 5,179,000
		Funding Not Yet Identified	-

BACKGROUND

This bridge was built in 1961 and consists of reinforced concrete "T" girder main spans with reinforced concrete slab approach spans supported by reinforced concrete pier walls and reinforced concrete pile bents. The abutments consist of reinforced concrete diaphragms. The pier walls, pile bents, and abutments all utilize spread footings as well. The entire bridge span is approximately 647 linear feet in length and the Average Daily Traffic (ADT) volume is 3,900 vehicles per day. This bridge is shared between Stanislaus and Merced Counties. A Memorandum of Understanding will need to be prepared and executed with Merced County. Stanislaus County will be the lead agency for the project.

The bridge is seismically deficient and the piles bear in potentially liquefiable soils. The detour length is significant at 16.8 miles.

CURRENT STATUS

A schedule change was submitted to Caltrans District 10 Local Assistance for review in the fall of 2008. Construction is estimated to begin in 2013. The project's initial cost in the 09/10 CIP was listed as \$1,000,000. This was an error associated with the cost prior to a scope change for the project.

CAPITAL IMPROVEMENT PLAN Proposed



HILLS FERRY/RIVER ROAD AT SAN JOAQUIN RIVER (cont'd)

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



KILBURN ROAD BRIDGE - Seismic Bridge Replacement

CIP Category: B-PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:Crows LandingPW Project Number:2010.001Preliminary Schedule:2010-2015Estimated Project Cost:\$2,200,000



DESCRIPTION

The project consists of replacing the existing bridge on Kilburn Road across Orestimba Creek which will include the installation of approach guard railing and realignment of the roadway approaches. The bridge is located six miles southeasterly of the City of Patterson and approximately half a mile south of Crows Landing Road. The replacement bridge will be 28 ft wide and 90 ft long.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 125,000		
Acquisition	\$ 855,000		
Construction	\$ 1,895,000		
Other	\$ 325,000	Total County Funding	\$ -
		State/Federal Funding	\$ 2,200,000
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,200,000	Total Project Funding	\$ 2,200,000
		Funding Not Yet Identified	-

BACKGROUND

The bridge was constructed in 1910 which pre-dates modern steel construction. The bridge is weight restricted at 18 tons per semi-trailer combination and 23 tons per truck and full trailer. The bridge is considered fractural critical, which means that it may be subject to non-ductile failure. The bridge has internal corrosion on the vertical and diagonal members of the bridge. A number of the threaded rods in the vertical and diagonal members are corroded which results in a reduction in cross sectional area in the rods, thereby weakening the structure. The bridge is showing signs of steel deterioration inside the concrete encasement.



CURRENT STATUS

The bridge is in the project development phase and is estimated to begin construction in 2015.

IMPACT ON THE OPERATING BUDGET



MC HENRY AVENUE AT STANISLAUS RIVER—Seismic Bridge Replacement

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Location: North of Modesto

Project Number: 2006.012

PW Project Number: 9293

Preliminary Schedule: 2008-2015

Estimated Project Cost: \$18,000,000



DESCRIPTION

As part of the McHenry Avenue Corridor Improvements, the McHenry Avenue Bridge over the Stanislaus River will be replaced with a 5-lane bridge.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 800,000		
Design	\$ 2,000,000		
Acquisition	\$ -		
Construction	\$ 15,200,000		
Other	\$ -	Total County Funding	\$ 1,100,000
		State/Federal Funding	\$ 15,800,000
		OtherGrants	-
		Total Other Funding	\$ 15,800,000
		Non-County Contribution	\$ 1,100,000
Total Estimated Project Cost	\$ 18,000,000	Total Project Funding	\$ 18,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The bridge has been determined to be seismically, structurally and functionally inadequate. The McHenry Avenue Corridor Study determined that the bridge would require substantial modification or need to be replaced. This is a joint project between Stanislaus County and San Joaquin County. San Joaquin County is the lead agency for this bridge replacement project.

Non-County Contribution- San Joaquin will use local funds for grant match money totaling approximately \$1,100,000.

CURRENT STATUS

HBP will fund 88.53% of this project and San Joaquin County and Stanislaus County will split the remaining 11.47% of the project in half. An MOU has been executed with San Joaquin County regarding the cost-sharing structure of this project. The consultant, AECOM, has started the Design and environmental phases of the project. The project is on-schedule and is estimated to be ready for construction by 2015. This project may also be eligible for the use of Public Facilities Fees funding.

IMPACT ON THE OPERATING BUDGET



PETE MILLER ROAD AT DELTA MENDOTA CANAL—Seismic Bridge Retrofit

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: Southwest of Newman; West of Gustine

Project Number: 2006.016
PW Project Number: 9407
Preliminary Schedule: 1997-2015
Estimated Project Cost: \$885,000



DESCRIPTION

The work required for the seismic retrofit of this bridge includes the addition of deck restrainers which will tie the superstructure members together, to the columns, and to the piers with cables; enlarging or modifying footings for increased capacity; and retrofitting columns with steel sheathing, via partial column reconstruction or by similar means.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 50,000		
Acquisition	\$ -		
Construction	\$ 785,000		
Other	\$ -	Total County Funding	\$ -
		State/Federal Funding (LSSRP)	\$ 885,000
		OtherGrants	\$ -
		Total Other Funding	\$ 885,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 885,000	Total Project Funding	\$ 885,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This bridge was built in 1949 and consists of a simple span reinforced concrete "T" girder deck on reinforced

concrete seat abutments with cantilevered wingwalls and segmented reinforced concrete pier walls, all on spread footings. The entire bridge span is approximately 140 linear feet in length and the Average Daily Traffic (ADT) volume is 100 vehicles per day.

CURRENT STATUS

Forms were submitted to Caltrans District 10 Local Assistance for review in the fall of 2008. Staff is waiting for a response from Caltrans. Construction is estimated to begin in 2015.

The cost of this project is \$335,000 more than in the 09/10 CIP. The additional costs were increased due to a scope change.



CAPITAL IMPROVEMENT PLAN Proposed



PETE MILLER ROAD AT DELTA MENDOATA CANAL (cont'd)

IMPACT ON THE OPERATING BUDGET



SANTA FE AVENUE AT TUOLUMNE RIVER—Seismic Bridge Replacement

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: North of Hughson; South of Empire

Project Number: 2006.011

PW Project Number: 9254

Preliminary Schedule: 1997-2015

Estimated Project Cost: \$22,000,000



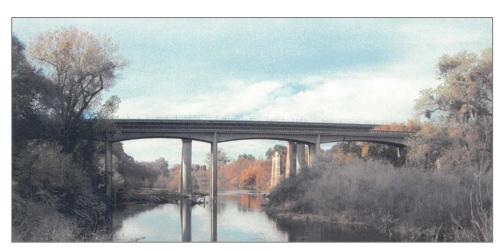
DESCRIPTION

This project will replace the existing 8-span T-beam reinforced concrete bridge with a 3-span cast-in-place pre-stressed concrete box girder bridge with a 3 lane structure.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 500,000		
Acquisition	\$ 1,000,000		
Construction	\$ 20,400,000		
Other	\$ -	Total County Funding	\$ 2,500,000
		State/Federal Funding (LSSRP/HBP)	\$ 19,500,000
		OtherGrants	\$
		Total Other Funding	\$ 19,500,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 22,000,000	Total Project Funding	\$ 22,000,000
		Funding Not Yet Identified	\$

BACKGROUND

This bridge was built in 1947 and consists of reinforced concrete "T" girders on reinforced concrete piers supported by steel piles. The entire bridge span is approximately 495 linear feet in length and the Average Daily Traffic (ADT) volume is 9,300 vehicles per day.



This bridge is functionally

obsolete and seismically deficient. The bridge also has a significant detour of 8 miles. The nearest bridges are either Geer Road Bridge or Mitchell Road Bridge.

CAPITAL IMPROVEMENT PLAN Proposed



SANTA FE AVENUE AT TUOLUMNE RIVER—Seismic Bridge Replacement (cont'd)

CURRENT STATUS

A programming request has been submitted to Caltrans and is being processed. This project may be eligible for the use of Public Facilities Fees funding and construction is estimated to begin in 2015.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



SEVENTH STREET AT TUOLUMNE RIVER— Seismic Bridge Replacement

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: Central Modesto

Project Number: 2008.032
Preliminary Schedule: 2008-2016
Estimated Project Cost: \$29,000,000



DESCRIPTION

The Seventh Street bridge replacement is envisioned to be a four-lane replacement for the existing 2-lane bridge with pedestrian access.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 1,500,000		
Design	\$ 1,500,000		
Acquisition	\$ 4,000,000		
Construction	\$ 22,000,000		
Other	\$ -	Total County Funding	\$ 1,660,000
		HBP Funding	\$ 25,680,000
		OtherGrants	\$ -
		Total Other Funding	\$ 25,680,000
		Non-County Contribution	\$ 1,660,000
Total Estimated Project Cost	\$ 29,000,000	Total Project Funding	\$ 29,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This bridge was built in 1916 and consists of a series of "Canticrete" type trusses supported on reinforced concrete piers and abutments all founded on concrete or timber piling. The entire bridge span is approximately 1,170 feet in length and the Average Daily Traffic (ADT) volume is approximately 13,500 vehicles per day according to the 2008 Traffic survey.

This bridge is the lowest rated bridge within the 8 counties in District 10 of Caltrans. This bridge has a Sufficiency Rating of 2 on a scale from 1 to 100 being the best. The bridge is showing its age, as there is significant spalling, advanced signs of alkali silica reaction, exposed steel reinforcing and considerable deflection at the cantilevered sections. This bridge has been weight restricted to 4 tons gross load since 1979. Caltrans has listed this bridge as Structurally Deficient.

Non-County Contribution- The City of Modesto will help with the local match of this project.

CURRENT STATUS

The funding for the design has been allocated by the state. Stanislaus County and the City of Modesto are working on a memorandum of understanding to share costs associated with this project. Construction is estimated to begin in 2016.

IMPACT ON THE OPERATING BUDGET

A Well-Planned Infrastructure System



Public Works Congestion Relief



CARPENTER ROAD AT BEVERLY DRIVE & ROBERTSON ROAD—Traffic Signals

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Location:West ModestoProject Number:2006.089PW Project Number:9415Preliminary Schedule:2004-2010Estimated Project Cost:\$1,400,000



DESCRIPTION

This project includes the installation of traffic signals in all directions as well as curb, gutter and sidewalks with disabled access at the radius returns at the intersections of Carpenter Road at Beverly Drive and Carpenter Road at Robertson Road. Carpenter Road will be widened to two through lanes and a left turn lane. The northwest corner of Carpenter Road at Beverly Road will have a bus turnout.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 30,000		
Design	\$ 70,000		
Acquisition	\$ 20,000		
Construction	\$ 1,280,000		
Other	\$ -	Total County Funding	\$ -
		State/Federal Funding (ARRA)	\$ 1,400,000
		OtherGrants	\$ -
		Total Other Funding	\$ 1,400,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,400,000	Total Project Funding	\$ 1,400,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project had previously received NEPA environmental clearance from Caltrans/FHWA in 2003. Due to lack of local match funding, the project was not completed after receiving NEPA clearance and it expired in 2006. Environmental review then restarted and a new Categorical Exemption was issued in 2008.

Non-County Contribution — This project was originally utilizing Regional Surface Transportation Program (RSTP) funds, but will now use Federal American Recovery and Reinvestment Act (ARRA) funding as it becomes available.

CURRENT STATUS

The plans and specifications were formally adopted by the Board of Supervisors on November 4, 2008. Construction will begin in summer 2010.



CARPENTER ROAD AT BEVERLY DRIVE & ROBERTSON ROAD (cont'd)

IMPACT ON THE OPERATING BUDGET



Carpenter Road at Beverly Drive



Carpenter Road at Robertson Road



CARPENTER ROAD AT CROWS LANDING ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: South of Modesto; East of Patterson

Project Number:2006.107Preliminary Schedule:2027-2029Estimated Project Cost:\$1,800,000

Crows Landing

DESCRIPTION

The project involves the installation of traffic signals and the widening of the intersection at Crows Landing Road and Carpenter Road in conjunction with the Crows Landing Road corridor widening.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 30,000		
Design	\$ 130,000		
Acquisition	\$ 20,000		
Construction	\$ 1,620,000		
Other	\$ -	Total County Funding	\$ 1,800,000
		State/Federal Funding	\$
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,800,000	Total Project Funding	\$ 1,800,000
		Funding Not Yet Identified	\$

BACKGROUND

The existing T-intersection has a oneway stop on Carpenter Road and through lanes on Crows Landing Road. Crows Landing Road is a 4-lane expressway and Carpenter is a 4-lane Major in the 2006 General Plan.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2029.

IMPACT ON THE OPERATING BUDGET





CARPENTER ROAD AT GRAYSON ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.103
Preliminary Schedule: 2018-2026
Estimated Project Cost: \$2,000,000



DESCRIPTION

This project will install traffic signals at the intersection of Carpenter Road and Grayson Road as well as widen all four approaches for the addition of dedicated left turn lanes.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 40,000		
Design	\$ 200,000		
Acquisition	\$ 20,000		
Construction	\$ 1,740,000		
Other	\$ -	Total County Funding	\$ 2,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ 2,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

Carpenter Road is a four-lane major and Grayson Road is a four-lane expressway in the 2006 General Plan circulation element. This project is part of the Grayson Road and Carpenter Road Corridor.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2026.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



CARPENTER ROAD AT HATCH ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works/Roads and Traffic

Location: South of Modesto: West of Ceres

Project Number:2008.027Preliminary Schedule:2013-2015Estimated Project Cost:\$1,500,000



DESCRIPTION

This project will install traffic signals and widen the intersection at Carpenter Road and Hatch Road. Dedicated left turn lanes will be added to all four legs of the intersection in conjunction with the Carpenter Road Corridor

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 30,000		
Design	\$ 170,000		
Acquisition			
Construction	\$ 1,300,000		
Other	\$ -	Total County Funding	\$ 750,000
		State/Federal Funding (CMAQ)	\$ 750,000
		OtherGrants	\$ -
		Total Other Funding	\$ 750,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,500,000	Total Project Funding	\$ 1,500,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is expected to be shared with the City of Modesto. Currently the City is working on replacing Carpenter Road bridge which is at the approach of the intersection, this project will have to be coordinated alongside the bridge widening project.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2015.



IMPACT ON THE OPERATING BUDGET



CARPENTER ROAD AT KEYES ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.104
Preliminary Schedule: 2027-2029
Estimated Project Cost: \$2,000,000

Riverdale Park Ceres Rd

DESCRIPTION

This project will install traffic signals at the intersection of Carpenter Road and Keyes Road. Left turn lanes will be added to Keyes Rd. and Carpenter Rd. The box culvert will need to be widened on the south side leg of the intersection. There will be four through lanes on Carpenter Rd. and two on Keyes Rd.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 40,000		
Design	\$ 150,000		
Acquisition	\$ 50,000		
Construction	\$ 1,760,000		
Other	\$ -	Total County Funding	\$ 2,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ 2,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is part of the Carpenter Road Corridor. Carpenter Road is designated as a major 4-lane road and Keyes Road is designated as a local road in the 2006 General Plan circulation element. Coordination with TID is necessary for the widening of the box culvert on the South leg of the intersection.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2029.



570



CARPENTER ROAD AT WEST MAIN STREET—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: East of Patterson; South of Modesto

Project Number: 2006.097
Preliminary Schedule: 2014-2016
Estimated Project Cost: \$1,800,000



DESCRIPTION

This project will install traffic signals and widen the intersection of Carpenter Road and West Main Avenue. West Main will be built out to six lanes and Carpenter Road will be built out to four lanes.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 18,000		
Design	\$ 108,000		
Acquisition	\$ 74,000		
Construction	\$ 1,600,000		
Other	\$ -	Total County Funding	\$ 1,800,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,800,000	Total Project Funding	\$ 1,800,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project will take place during the West Main corridor widening. More analysis is needed if the improvements are to be made prior to the implementation of the widening.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2016. The costs associated with this project have changed from \$2,500,000 due to a scope change.



IMPACT ON THE OPERATING BUDGET



CARPENTER ROAD AT WHITMORE AVENUE—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: South of Modesto: West of Ceres

Project Number:2008.029Preliminary Schedule:2013-2016Estimated Project Cost:\$2,500,000



DESCRIPTION

This project will add traffic signals and widen the existing intersection at Carpenter Road and Whitmore Avenue. Dedicated left turn lanes will be added to all four legs and the approaches will be widened. Widening of the box culvert over TID Lateral 1 will be required as well.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 170,000		
Acquisition	\$ 80,000		
Construction	\$ 2,200,000		
Other	\$ -	Total County Funding	\$ 2,500,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,500,000	Total Project Funding	\$ 2,500,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This intersection is part of the Carpenter Road corridor widening and has an AADT of 13,300 and 4.0% truck traffic. This is part of the 2006 General plan circulation plan where Carpenter Road is a 4-lane major. TID coordination will be necessary due to the vicinity of the TID canal on the North side of the road.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2015. The costs associated with this project have changed from \$2,500,000 due to a scope change.



IMPACT ON THE OPERATING BUDGET



CENTRAL AVENUE AT WEST MAIN STREET—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

West of Turlock Location: **Project Number:** 2008.036 2015-2018

Preliminary Schedule: Estimated Project Cost: \$5,000,000



DESCRIPTION

This project will add traffic signals and widen the approaches in all directions at this intersection. Dedicated left turn lanes will be added on all four legs.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 350,000		
Acquisition	\$ 1,000,000		
Construction	\$ 3,600,000		
Other	\$	Total County Funding	\$ 5,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 5,000,000	Total Project Funding	\$ 5,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

In the 2006 General Plan circulation element, Central Avenue north of West Main Street is defined as a 4-lane major, and is a collector south of West Main. West Main Street is defined as a 6-lane expressway through this intersection.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2018.

IMPACT ON THE OPERATING BUDGET





Salida

Riverbank

Modesto

(99) Ceres

CLARIBEL ROAD AT COFFEE ROAD—Traffic Signals

CIP Category: B—PENDING IMPLEMENTATION Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic Location: West of Riverbank: North of Modesto

Preliminary Schedule: 2009-2013 **Estimated Project Cost:**

Project Number: 2007.064 \$2,500,000 **DESCRIPTION**

This project will add traffic signals and widen the intersection of Claribel Road and Coffee Road. All four legs will be widened as necessary to accommodate traffic volumes.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 250,000		
Acquisition	\$ 400,000		
Construction	\$ 1,800,000		
Other	\$ -	Total County Funding	\$ 2,000,000
		State/Federal Funding (CMAQ)	\$ 500,000
		OtherGrants	\$ -
		Total Other Funding	\$ 500,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,500,000	Total Project Funding	\$ 2,500,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This location is currently earmarked with STIP money, but a funding source is still uncertain. This project has the number 2 and 1 ranked warrants for major and minor roads respectively. The AADT of this location is 18,700 with 4.0% truck traffic. The cost of this project is estimated at \$2M.

This location is the top priority based on the prioritization model used by Public Works staff.

CURRENT STATUS

This project will be integrated with the Claribel Road widening project. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2013. Costs associated are \$500,000 more than 09/10 to accommodate the Claribel Rd. widening project and bike path.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



CLARIBEL ROAD AT ROSELLE ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: West of Riverbank; North of Modesto

Project Number:2008.026Preliminary Schedule:2009-2013Estimated Project Cost:\$2,000,000

Riverbank Salida Modesto 99 Ceres Hu

DESCRIPTION

This project will add traffic signals and widen the intersection of Claribel Road and Roselle Road. All four legs will be widened to 5 lanes (2 through in each direction and a two-way left turn lane).

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 150,000		
Acquisition	\$ 300,000		
Construction	\$ 1,500,000		
Other	\$ -	Total County Funding	\$ 1,000,000
		State/Federal Funding (CMAQ)	\$ 1,000,000
		OtherGrants	\$ -
		Total Other Funding	\$ 1,000,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ 2,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This location is near the top of the priority list based on the prioritization model used by Public Works staff. The project is expected to be done in cooperation with the City of Riverbank.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2013.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



CROWS LANDING ROAD AT FULKERTH ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number:2009.034Preliminary Schedule:2013-2015Estimated Project Cost:\$2,000,000



DESCRIPTION

This project will consist of the construction of additional pavement to allow the installation of left turn lanes on Crows Landing Road and Fulkerth Road, through lanes in each direction, and the installation of traffic signals.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 150,000		
Acquisition	\$ 1,000,000		
Construction	\$ 800,000		
Other	\$ -	Total County Funding	\$ 2,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ 2,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

In August 2007, the Public Works Traffic Division conducted a traffic study at Crows Landing Road and Fulkerth Road. Results from the study warranted a traffic signal at this location. The intersection is currently controlled by a 4-way stop.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2015.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



CROWS LANDING ROAD AT GRAYSON ROAD—Traffic Signals

CIP Category: A—APPROVED/FUNDED

Board Priority:A Well-Planned Infrastructure System **Lead Department:**Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.092
PW Project Number: 9727
Preliminary Schedule: 2007-2015
Estimated Project Cost: \$2,100,000



DESCRIPTION

This project will consist of the construction of additional pavement to allow the installation of left turn lanes on Crows Landing Road and Grayson Road, through lanes in each direction, and the installation of traffic signals.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 150,000		
Acquisition	\$ 1,100,000		
Construction	\$ 800,000		
Other	\$ -	Total County Funding	\$ 2,100,000
		State/Federal Funding	-
		OtherGrants	-
		Total Other Funding	-
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,100,000	Total Project Funding	\$ 2,100,000
		Funding Not Yet Identified	\$ -

BACKGROUND

In August 2007, the Public Works Traffic Division conducted a traffic study at Crows Landing Road and Grayson Road. Results from the study warranted a traffic signal at this location. In September 2007, the

Stanislaus Council of Governments (StanCOG) Policy Board approved the project and included it in the 5-year StanCOG RTIF program. The intersection is currently controlled by a 4-way stop.

CURRENT STATUS

This project is currently in the design phase. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2015.

IMPACT ON THE OPERATING BUDGET





CROWS LANDING ROAD AND HATCH ROAD—Signal Upgrade

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:South ModestoProject Number:2008.046Preliminary Schedule:2009-2010Estimated Project Cost:\$485,000



DESCRIPTION

This project will upgrade the existing signals and intersection infrastructure that are functionally obsolete with modern technology. There will be no additional lanes added to the intersection.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 40,000		
Acquisition	\$ -		
Construction	\$ 445,000		
Other	\$ -	Total County Funding	\$ 48,500
		State/Federal Funding - HSIP	\$ 436,500
		OtherGrants	\$ -
		Total Other Funding	\$ 436,500
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 485,000	Total Project Funding	\$ 485,000
		Funding Not Yet Identified	\$

BACKGROUND

The current poles and signals are approximately fifty years old and are in need of an upgrade. The locations of poles and layout of the intersection will be upgraded in accordance with the most recent design standards.

This project is funded with 90% Highway Safety Improvement Program money and 10% Public Works road balance funding.

CURRENT STATUS

This project is currently in the design phase. This project is estimated to begin construction in 2010.

IMPACT ON THE OPERATING BUDGET





CROWS LANDING ROAD AT KEYES ROAD—Traffic Signals

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.093
PW Project Number: 9731
Preliminary Schedule: 2009-2015
Estimated Project Cost: \$2,100,000



DESCRIPTION

This project will add two through lanes in either direction and a left turn lane on Crows Landing Road, a single through lane in both directions and a left turn lane on Keyes Road, and traffic signal control at the intersection.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 150,000		
Acquisition	\$ 1,100,000		
Construction	\$ 800,000		
Other	\$ -	Total County Funding	\$ 2,100,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,100,000	Total Project Funding	\$ 2,100,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The intersection is located in Stanislaus County, south of Modesto, west of Turlock, and east of Patterson. Crows Landing Road, a north/south expressway, and Keyes Road, an east/west collector, both serve as main corridors between State Highway 99 and Interstate 5.

CURRENT STATUS

The project is currently in the planning and engineering analysis stage. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2015.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



CROWS LANDING ROAD AT WEST MAIN STREET—Traffic Signals

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: South of Modesto; West of Turlock

Project Number: 2006.094
PW Project Number: 9729
Preliminary Schedule: 2009-2015
Estimated Project Cost: \$3,900,000



DESCRIPTION

This project will improve the intersection of Crows Landing Road and West Main Street to include near traffic signals, widening of existing roadway to accommodate two through lanes and dedicated left turn lanes on Crows Landing Road and one through lane and a dedicated left turn lane on West Main Street.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 350,000		
Acquisition	\$ 1,500,000		
Construction	\$ 2,000,000		
Other		Total County Funding	\$ 2,900,000
		State/Federal Funding	\$ 1,000,000
		OtherGrants	\$ -
		Total Other Funding	\$ 1,000,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,900,000	Total Project Funding	\$ 3,900,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is part of the Crows Landing Road corridor and is preemptive to the widening of the roadway. It is also part of the West Main Street corridor, but does not widen to the full corridor width due to right-of-way

conflicts. Full corridor build-out per the County General Plan would require multiple structure relocations.

CURRENT STATUS

The project is currently in the planning/engineering analysis stage. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2015. The project cost is \$1,000,000 greater than 09/10 due to a revised project scope.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



GEER ROAD AT SANTA FE AVENUE—Traffic Signals

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Location: Southeast of Hughson; North of Turlock

Project Number: 2006.084
Preliminary Schedule: 2008-2011
Estimated Project Cost: \$2,700,000



DESCRIPTION

This project consists of the construction of new traffic signals and intersection improvements at Santa Fe Avenue and Geer Road. This includes the installation of new pavement, curbs, striping, traffic signals and street lights. In addition, Burlington Northern Santa Fe Railroad will upgrade the existing crossing and railroad signal at this intersection. Left turn lanes will be provided on all legs of this intersection. A dedicated right turn lane will be provided for southbound Geer Road to northbound Santa Fe Avenue.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 430,000		
Acquisition	\$ 40,000		
Construction	\$ 2,230,000		
Other	\$ -	Total County Funding	\$ 2,700,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,700,000	Total Project Funding	\$ 2,700,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is a portion of the Traffic Congestion Relief Program as approved by the Board of Supervisors in January 2004. The project requires coordination with the Burlington Northern Sante Fe railroad.

CURRENT STATUS

85% PS&E has been reviewed and comments are being incorporated by design consultant. Environmental clearance has been completed. Right-of-way acquisitions are completed on two of the three parcels needed for this project. Negotiations are ongoing with the final parcel. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2011.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



GEER ROAD AT WHITMORE AVENUE—Traffic Signals

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Location: East of Hughson

Project Number: 2006.088

PW Project Number: 9708

Preliminary Schedule: 2008-2011

Estimated Project Cost: \$2,500,000



DESCRIPTION

This project involves the widening and signalization at the Geer Road and Whitmore Avenue Intersection. Construction materials and activities include roadway excavation and backfill, new road construction with aggregate base and asphalt concrete pavement, roadway widening with aggregate base, asphalt concrete pavement and asphalt concrete overlay, installation of new traffic signal, retaining walls, culverts, signing and striping and other miscellaneous improvements. Left turn lanes will be provided on all legs.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 500,000		
Acquisition	\$ 200,000		
Construction	\$ 1,800,000		
Other	\$ -	Total County Funding	\$ 2,500,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 2,500,000	Total Project Funding	\$ 2,500,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is a portion of the Traffic Congestion Relief Program as approved by the Board of Supervisors in January 2004.

CURRENT STATUS

The design has been completed for this project and it is currently in the utility relocation phase. Tentative construction is scheduled for summer 2009. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2011.



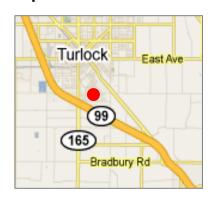
IMPACT ON THE OPERATING BUDGET



GOLDEN STATE BLVD AT GOLF/BERKELEY—Intersection improvements

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:South TurlockProject Number:2008.030PW Project Number:9708Preliminary Schedule:2008-2015Estimated Project Cost:\$2,000,000



DESCRIPTION

This project will improve the intersection of Golden State Boulevard at Golf Rd and Berkeley Ave. The intersection improvements are still understudy.

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ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 350,000		
Acquisition	\$ 100,000		
Construction	\$ 1,550,000		
Other	\$ -	Total County Funding	\$ -
		State/Federal Funding	\$ 750,000
		OtherGrants	\$ -
		Total Other Funding	\$ 750,000
		Non-County Contribution	\$ 1,250,000
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ 2,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is under review by Public Works Staff.

CURRENT STATUS

Currently, staff is evaluating various design alternatives. This project is planned to begin construction in 2015.

Non-County Contribution: Local developers will provide remainder of funding necessary. This project is being coordinated with the City of Turlock.



IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



HOWARD ROAD BIKE PATH – Pedestrian Facilities

CIP Category: B-PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:GraysonProject Number:2010.002Preliminary Schedule:2011-2013Estimated Project Cost:\$111,000



DESCRIPTION

This project will extend the existing bike path from the intersection of Highway 33 and Howard Road to the school located on the north side of Howard Road. The proposed bike path will widen the north side of Howard Road by 12 feet and will be striped to separate it from vehicular traffic.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary			
Design	\$ 15,000		
Acquisition	\$ -		
Construction	\$ 80,000		
Other	\$ 16,000	Total County Funding	\$ -
		State/Federal Funding	\$ 111,000
		OtherGrants	\$ -
		Total Other Funding	\$ 111,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 111,000	Total Project Funding	\$ 111,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project will extend the existing 12 feet wide bike path on the east side of the intersection of Highway 33 and Howard Road. The project will provide a link from the existing bike path to the Grayson School to improve the safety of pedestrians traveling to and from the school.

CURRENT STATUS

The project is in the preliminary design phase.

IMPACT ON THE OPERATING BUDGET





LAS PALMAS AVENUE AT ELM AVENUE—Traffic Signals

CIP Category: A—APPROVED/FUNDED

Board Priority:A Well-Planned Infrastructure System **Lead Department:**Public Works/Roads and Traffic

Location: East of Patterson

Project Number: 2006.090
PW Project Number: 9725
Preliminary Schedule: 2007-2011
Estimated Project Cost: \$725,000



DESCRIPTION

The project will include installation of traffic signals, intersection improvements to allow truck turn movements, and an overlay on the existing roadway. There will be dedicated left turn movements on all four approaches.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 70,000		
Acquisition	\$ 55,000		
Construction	\$ 600,000		
Other	\$ -	Total County Funding	\$ 725,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 725,000	Total Project Funding	\$ 725,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The intersection of Las Palmas Avenue and Elm Avenue is currently controlled by stop signs on Elm Avenue and through lanes on Las Palmas Avenue. The residents in the surrounding area created a petition to install traffic signals at this intersection which got the attention of the County.



CAPITAL IMPROVEMENT PLAN Proposed



LAS PALMAS AVENUE AT ELM AVENUE—Traffic Signals (cont'd)

CURRENT STATUS

The design phase is at 95% completion. The Mitigated Negative Declaration has been prepared and filed. The County is currently in the process of acquiring right-of-way for the project. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2011.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



LAS PALMAS AVENUE AT SYCAMORE AVENUE—Traffic Signals

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Location: East of Patterson

Project Number: 2006.091
PW Project Number: 9726
Preliminary Schedule: 2007-2011
Estimated Project Cost: \$920,000



DESCRIPTION

This project will include the installation of traffic signals, intersection improvements to allow truck turn movements, and an overlay of the existing roadway. There will be dedicated left turn movements on all four approaches.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 70,000		
Acquisition	\$ 100,000		
Construction	\$ 750,000		
Other	\$ -	Total County Funding	\$ 920,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 920,000	Total Project Funding	\$ 920,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The intersection of Las Palmas Avenue and Sycamore Avenue is currently controlled by a 4-way stop. Currently own landowner is still in negotiations with the county for the purchase of right-of-way.

CURRENT STATUS

The plans are at 95% completion. The Mitigated Negative Declaration has been prepared and filed. The County is currently in the process of acquiring right of way for the project. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2011.



IMPACT ON THE OPERATING BUDGET



MCHENRY AVENUE AT LADD ROAD—Traffic Signals

CIP Category: A—APPROVED/FUNDED

Board Priority:Lead Department:
Location:
A Well-Planned Infrastructure System
Public Works/Roads and Traffic
North of Modesto; West of Riverbank

Project Number:2006.083Preliminary Schedule:2007-2010Estimated Project Cost:\$3,300,000

Riverbank Clarbel Rd Claus Claus Modesto Empire

DESCRIPTION

The proposed improvements consist of traffic signals, left turn lanes, dedicated right turn lanes, pavement widening, and traffic striping. The intersection will be widened to provide two through lanes on each McHenry Avenue approach. An exclusive right-turn lane would be provided on the westbound approach and right turns would be combined with a through lane for the north-, south-, and east-bound approaches. A separate single left-turn lane would be provided on all four approaches to the Ladd/ McHenry intersection. Road widening for the added lanes would be done primarily on the north side of Ladd Road and the west side of McHenry Avenue to avoid impacting the existing furniture store on the southeast corner of the intersection. Continued access in and out of the furniture store at the southeast corner of the Ladd/ McHenry intersection would be provided, but may be modified as necessary to accommodate the planned roadway widening. Intersection street lighting will be incorporated into the project and will include standard shielded street lighting fixtures that direct lighting downward towards the roadway so as no to create substantial glare in the surrounding area. Signs will be installed along the approaches to the intersection alerting drivers to the traffic signal.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$		
Design	\$ 500,000		
Acquisition	\$ 400,000		
Construction	\$ 2,400,000		
Other	\$ -	Total County Funding	\$ 3,300,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,300,000	Total Project Funding	\$ 3,300,000
		Funding Not Yet Identified	\$ -

BACKGROUND

In January 2004, the Board of Supervisors approved the Public Works Road Congestion Relief Program. One of the projects approved under this program was the improvement to the Ladd Road at McHenry Avenue intersection.

The project is separate from, but intended to coordinate with a future Caltrans project that would signalize both intersections at the ends of the SR 108 diagonal connector road southeast of the Ladd/ McHenry intersection. The Stanislaus County project would widen the west side of SR 108 at McHenry Avenue (south of the SR 108 diagonal connector/ McHenry intersection), and the future Caltrans project would widen SR 108 on the east side.

CAPITAL IMPROVEMENT PLAN Proposed



MCHENRY AVENUE AT LADD ROAD—Traffic Signals (cont'd)

The intersections improvements and the widening of McHenry Avenue required modifications of the Dr. Moore Lateral canal crossing. The existing headwall on the west side of McHenry Avenue has been

removed and reconstructed farther to the west, and the 48-inch reinforced concrete pipe under McHenry Avenue has been extended to the new headwall. The 36-inch irrigation pipe running northward from the Dr. Moore Lateral has been relocated farther to the west. A private irrigation pipe running southward from the Dr. Moore Lateral has also been relocated further the west.

CURRENT STATUS

All the irrigation facility relocations have been completed. This project is currently under construction and scheduled for completion in the fall of 2010. This project may also be eligible for the use of Public Facilities Fees funding.



IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



RAILROAD CROSSING INTERSECTION IMPROVEMENTS

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure

System

Lead Department: Public Works/Roads and Traffic **Location:** Various Railroad Crossings

Project Number: 2008.034
Preliminary Schedule: 2008-2012
Estimated Project Cost: \$550,000



DESCRIPTION

This project will upgrade railroad crossings along Santa Fe/Terminal Avenue. Upgrades include safety improvements such as raised medians and new railroad crossing arms and beacons.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$	-	
Design	\$ 20,	000	
Acquisition	\$	-	
Construction	\$ 530,	000	
Other	\$	- Total County Funding	\$ -
		Section 130	\$ 550,000
		OtherGrants	\$ -
		Total Other Funding	\$ 550,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 550,	7000 Total Project Funding	\$ 550,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project will upgrade various railroad crossings across the BNSF railroad line and in the Modesto-Empire Tract. Funding was appropriated from the Federal Section 130 grant fund.

CURRENT STATUS

This project is currently under design. This project is estimated to begin construction in 2012.

IMPACT ON THE OPERATING BUDGET

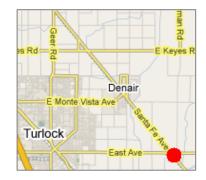


SANTA FE AVENUE AT EAST AVENUE—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: Southeast of Turlock

Project Number:2006.110Preliminary Schedule:2026-2029Estimated Project Cost:\$2,000,000



DESCRIPTION

This project will upgrade the intersection of Santa Fe Avenue and East Avenue with new railroad crossings and add traffic signals. Lanes will be widened and added as necessary.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 100,000		
Acquisition	\$ 200,000		
Construction	\$ 650,000		
Other	\$ 1,000,000	Total County Funding	\$ 2,000,000
		State/Federal Funding	\$
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ 2,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project has been planned, but has not met traffic warrants and will not for some time. Closer engineering analysis will occur as traffic levels in this area rise.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2029.

IMPACT ON THE OPERATING BUDGET





SANTA FE AVENUE AT HATCH ROAD—Traffic Signals

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Location:HughsonProject Number:2006.085Preliminary Schedule:2009-2010Estimated Project Cost:\$3,000,000



DESCRIPTION

The project consists of the installation of traffic signals at the intersection of Hatch Road and Santa Fe Avenue. To accomplish this, the project will include the installation of left turn lanes on each leg of the intersection, upgrade of the existing railroad crossing, and signals to coordinate the traffic signal with the railroad signals, installation of a dedicated right turn lane from northbound Santa Fe Avenue, installation of traffic striping and markings, and expansion of the existing bridge on Santa Fe Avenue over the Ceres Main Canal (TID).

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,	00	
Design	\$ 250,	00	
Acquisition	\$ 400,	00	
Construction	\$ 1,600,	00	
Other	\$ 700,	70 Total County Funding	\$ 3,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,000,	00 Total Project Funding	\$ 3,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The Santa Fe Avenue corridor presents safety issues due to the railroad being in close proximity to the intersections of cross streets. This project is especially difficult because of the Ceres Main Canal crossing Santa Fe Avenue parallel to Hatch Road as well. Prior to installation of the traffic and new railroad signals, the bridge must be widened to accommodate the necessary lanes for signal improvements. To accomplish this, the project was split into two phases. The first phase consists of the expansion of the bridge over the Ceres Main canal and will be completed during the non-irrigation season. The second phase includes the intersection improvements, railroad crossing and railroad signal installation, and pavement widening. The widening and signalization will help relieve congestion and improve safety at this intersection.



CAPITAL IMPROVEMENT PLAN Proposed



SANTA FE AVENUE AT HATCH ROAD—Traffic Signals (cont'd)

CURRENT STATUS

Phase 1 was completed in February 2009. Phase 2 of this project is estimated to begin construction in 2010. This project may also be eligible for the use of Public Facilities Fees funding.

IMPACT ON THE OPERATING BUDGET



SANTA FE AVENUE AT KEYES ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: East of Keyes; North of Turlock

Project Number:2006.109Preliminary Schedule:2021-2023Estimated Project Cost:\$3,000,000

Turlock East Ave

DESCRIPTION

This project will widen the intersection of Santa Fe Avenue and Keyes Road to include left turn lanes, traffic signals and upgraded railroad crossing equipment (signals and arms).

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 200,000		
Acquisition	\$ 1,000,000		
Construction	\$ 1,000,000		
Other	\$ 700,000	Total County Funding	\$ 3,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,000,000	Total Project Funding	\$ 3,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is part of the Santa Fe Avenue Corridor which involves adding a dual left turn median to the corridor and keeping the existing one through lane in either direction. This project will be widened when the analysis has been completed and shows that the intersection requires signalization. Currently the project does not warrant signals.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2023.



IMPACT ON THE OPERATING BUDGET



SANTA FE AVENUE AT MAIN STREET—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: Town of Denair

Project Number: 2002.344

PW Project Number: 9728

Preliminary Schedule: 2020-2022

Estimated Project Cost: \$3,000,000



DESCRIPTION

This project will widen the intersection of Santa Fe Avenue and Main Street to include left turn lanes, traffic signals and upgraded railroad crossing equipment (signals and arms).

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 60,000		
Design	\$ 140,000		
Acquisition	\$ -		
Construction	\$ 1,800,000		
Other	\$ 1,000,000	Total County Funding	\$ 3,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,000,000	Total Project Funding	\$ 3,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is part of the Santa Fe Avenue Corridor which involves adding a dual left turn median to the corridor and keeping the existing one through lane in either direction. This project will be widened when the analysis has been completed and shows that the intersection requires signalization. Currently the project does not warrant signals.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2022.



IMPACT ON THE OPERATING BUDGET



SANTA FE AVENUE AT SERVICE ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Hughson

Project Number: 2006.108
Preliminary Schedule: 2021-2023
Estimated Project Cost: \$3,000,000



DESCRIPTION

This project will widen the intersection of Santa Fe Avenue and Service Road to include left turn lanes (on Santa Fe and Service), traffic signals and upgraded railroad crossing equipment (signals and arms). The intersection has five legs, a canal crossing, and railroad facilities.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 200,000		
Acquisition	\$ 50,000		
Construction	\$ 2,700,000		
Other	\$ -	Total County Funding	\$ 3,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,000,000	Total Project Funding	\$ 3,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is part of the Santa Fe Avenue Corridor which involves adding a dual left turn median to the corridor and keeping the existing one through lane in either direction.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2023.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



SOUTH NINTH STREET AT LATIMER AVENUE TURN POCKET

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: South Modesto: North Ceres

Project Number:2008.045Preliminary Schedule:2008-2010Estimated Project Cost:\$120,000

Modesto 132 Yosemite Blvd Modesto City-County Airport Shackelford Shackelford T Course et Harte

DESCRIPTION

The left turn lane on South 9th Street will be extended from 65' to 300' to accommodate peak hour south bound traffic turning left on Latimer Avenue.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ 10,000		
Acquisition	\$ -		
Construction	\$ 110,000		
Other	\$ -	Total County Funding	\$ 10,000
		State - HSIP	\$ 110,000
		OtherGrants	\$ -
		Total Other Funding	\$ 110,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 120,000	Total Project Funding	\$ 120,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The existing peak hour left turn storage does not accommodate peak hour vehicle traffic turning left on to Latimer Avenue from south bound South 9th Street.

CURRENT STATUS

Design has been completed and needs consideration funds to be authorized by Caltrans. This is project is scheduled to begin construction in 2010.

IMPACT ON THE OPERATING BUDGET





SR 219 KIERNAN AVENUE AT SR 99—Interchange Replacement

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:SalidaProject Number:2006.161Preliminary Schedule:2012-2015Estimated Project Cost:\$67,000,000

Riverbank S Modesto Modesto Geres

Huntley

DESCRIPTION

This project will replace the interchange at Kiernan Avenue (SR 219) at State Highway 99. The replacement structure will have more lanes and traffic signals at the on and off ramps to control traffic.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 1,000,000		
Design	\$ 6,000,000		
Acquisition	\$ 14,000,000		
Construction	\$ 46,000,000		
Other	\$ -	Total County Funding	\$ 30,000,000
		State/Federal Funding	\$ -
		Other-Grants	\$ 37,000,000
		Total Other Funding	\$ 37,000,000
		Non-County Contribution	
Total Estimated Project Cost	\$ 67,000,000	Total Project Funding	\$ 67,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project will widen the interchange at Kiernan Avenue/SR219 and SR99. The project study report came up with two alternatives and the estimated project costs listed are from the preferred alternative. This project is being worked on in conjunction with California Department of Transportation.

The project will be funded from State Route 99 Bond funds and local funding.

CURRENT STATUS

This project is currently in the Project Approval and Environmental Document Phase. This project may be eligible for the use of Public Facilities Fees funding and is



estimated to begin construction in 2015. The project cost is \$11,600,000 greater than 2009-2010 due to a revised scope that would add auxiliary lanes.

IMPACT ON THE OPERATING BUDGET



SR 99 AT HAMMETT ROAD—Interchange Replacement

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:SalidaProject Number:2006.203Preliminary Schedule:2023-2026Estimated Project Cost:\$80,000,000



DESCRIPTION

This project will replace the interchange at SR99 and Hammett Road and align Hammett as part of the North County Corridor project. The interchange will be widened to include two or three through lanes and left turn lanes in both directions.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary			
Design	\$ 6,400,000		
Acquisition	\$ 6,400,000		
Construction	\$ 67,200,000		
Other	\$ -	Total County Funding	\$ 30,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ 50,000,000
		Total Other Funding	\$ 50,000,000
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 80,000,000	Total Project Funding	\$ 80,000,000
		Funding Not Yet Identified	\$

BACKGROUND

This project is part of the North County Corridor project. There will be extensive coordination with the California Department of Transportation, San Joaquin County, and the Union Pacific Railroad.

The project will be funded by a new local impact fee that has been identified, but not yet implemented and local funds.

CURRENT STATUS

This project is planned for future implementation and is currently in the Project Approval and Environmental Document



Phase. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2026. The project cost has been reduced by \$24,120,000 due to a revised scope of work.

IMPACT ON THE OPERATING BUDGET



WEST MAIN STREET AT FAITH HOME ROAD—Traffic Signals

CIP Category: C—FUTURE PROJECT/PLANNED Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

West of Turlock Location: **Project Number:** 2006.198 2021-2023

Preliminary Schedule: Estimated Project Cost: \$2,100,000



DESCRIPTION

This project will install traffic signals and widen the road at the intersection of Faith Home Road and West Main Street.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 300,000		
Acquisition	\$ 400,000		
Construction	\$ 1,300,000		
Other	\$ -	Total County Funding	\$ 2,100,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,100,000	Total Project Funding	\$ 2,100,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This is part of the West Main Street corridor and will be widened in conjunction with the road widening project when traffic analysis deems it necessary.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2023.

IMPACT ON THE OPERATING BUDGET

There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project.



A Well-Planned Infrastructure System



Public Works Capacity Increasing

CAPITAL IMPROVEMENT PLAN Proposed



CARPENTER ROAD SEGMENT 1—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.069
Preliminary Schedule: 2014-2016
Estimated Project Cost: \$4,500,000



DESCRIPTION

This project consists of widening Carpenter Road to three lanes from Whitmore Avenue to Keyes Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 70,000		
Design	\$ 250,000		
Acquisition	\$ 680,000		
Construction	\$ 3,500,000		
Other	\$ -	Total County Funding	\$ 4,500,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 4,500,000	Total Project Funding	\$ 4,500,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the Carpenter Road to include a through lane in each direction and a dual left-turn median between Whitmore Avenue and Keyes Road. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The interim

phasing of this project will allow for ultimate buildout, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2016.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



CARPENTER ROAD SEGMENT 2—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.070
Preliminary Schedule: 2016-2018
Estimated Project Cost: \$2,900,000



DESCRIPTION

This project consists of widening Carpenter Road to three lanes from Keyes Road to Monte Vista Avenue.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 250,000		
Acquisition	\$ 350,000		
Construction	\$ 2,200,000		
Other	\$ -	Total County Funding	\$ 2,900,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,900,000	Total Project Funding	\$ 2,900,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the Carpenter Road to include a through lane in each direction and a dual left-turn median between Keyes Road and Monte Vista Avenue. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The interim

phasing of this project will allow for ultimate buildout, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2018.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



CARPENTER ROAD SEGMENT 3—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.071
Preliminary Schedule: 2018-2020
Estimated Project Cost: \$2,700,000



DESCRIPTION

This project consists of widening Carpenter Road to three lanes from Monte Vista Ave on the north to West Main Street on the south.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 200,000		
Acquisition	\$ 300,000		
Construction	\$ 2,100,000		
Other	\$ -	Total County Funding	\$ 2,700,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,700,000	Total Project Funding	\$ 2,700,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the Carpenter Road to include a through lane in each direction and a dual left-turn median between Monte Vista Avenue and West Main Street. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The interim

phasing of this project will allow for ultimate buildout, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2020.

IMPACT ON THE OPERATING BUDGET





CLARIBEL ROAD (MCHENRY AVENUE TO OAKDALE ROAD)—Widening

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: Northeast of Modesto; West of Riverbank

Project Number: 2007.033
Preliminary Schedule: 2008-2017
Estimated Project Cost: \$14,105,000

108 Patterson Rd 108 Claribel Rd Claribel Rd Claribel Rd

DESCRIPTION

This project is to widen Claribel Road to five (5) lanes for a distance of two miles, signalize the Claribel/Coffee Road intersection, and replace the Modesto Irrigation District Lateral No. 6 Bridge with an "at grade" road crossing.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 800,000		
Acquisition	\$ 3,205,000		
Construction	\$ 10,000,000		
Other	\$ -	Total County Funding	\$ 14,105,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 14,105,000	Total Project Funding	\$ 14,105,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This roadway currently functions as a two lane rural county road. Existing traffic volumes on Claribel Road are at capacity, thus driving the need for this project. The intersection of Claribel and McHenry is a four-way signalized intersection with controlled left hand turn movements in all directions. The intersection of Claribel and Coffee Roads is currently a four-way stop controlled with stop signs only. This intersection is to be

signalized with the proposed improvements. The Claribel improvements would extend east to match the already widened and signalized intersection at Oakdale Road.

CURRENT STATUS

A revised project design study is currently under way. Design is scheduled to begin in 2010. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2017.







CLARIBEL ROAD BIKE PATH (MCHENRY AVENUE TO OAKDALE ROAD) — Pedestrian Facilities

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: West of Riverbank; North of Modesto

Project Number: 2008.044
Preliminary Schedule: 2011-2013
Estimated Project Cost: \$1,700,000

Claribel Rd

DESCRIPTION

This project will add a Class 1 bike path from Oakdale Road to McHenry Avenue. The path will be approximately two miles long and will be dedicated to bicyclists and pedestrians. Class 1 bike paths are 12 foot in width and are separated from the roadway.

		1	
ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 30,000		
Design	\$ 120,000		
Acquisition	\$ -		
Construction	\$ 1,550,000		
Other	\$ -	Total County Funding	\$ 850,000
		State/Federal Funding	\$ 850,000
		OtherGrants	\$ -
		Total Other Funding	\$ 850,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,700,000	Total Project Funding	\$ 1,700,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project will be done in conjunction with the Claribel Road widening from Oakdale Road to McHenry Avenue.

CURRENT STATUS

This project is planned to environmental determination and project approval in 2010. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2013.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



CLAUS ROAD (TERMINAL TO CLARIBEL ROAD)—Widening

CIP Category: C—FUTURE PROJECT/PLANNED **Board Priority:** A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic Location: North of Modesto; South of Riverbank

Project Number: 2006.077 **Preliminary Schedule:** 2022-2024 **Estimated Project Cost:** \$1,700,000



DESCRIPTION

This project involves widening Claus Road to three lanes from Terminal Avenue to Claribel Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 100,000		
Acquisition	\$ 50,000		
Construction	\$ 1,500,000		
Other	\$	Total County Funding	\$ 1,700,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,700,000	Total Project Funding	\$ 1,700,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of Claus Road to include a through lane in each direction and a dual leftturn median from Terminal Avenue to Claribel Road. This section of County roadway is designated as a Class A, 6-Lane Expressway per the County General Plan Circulation Plan. The Claus Road Expressway provides north/south transportation corridor between the cities of Modesto and Riverbank. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class I bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG Stanislaus County Non-Motorized

Transportation Plan (SCNMTP) for the Primary Countywide Bikeway Network (PCBN). The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity.

CURRENT STATUS

2024.

IMPACT ON THE OPERATING BUDGET

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in



CAPITAL IMPROVEMENT PLAN Proposed



CROWS LANDING ROAD SEGMENT 2—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.051
Preliminary Schedule: 2010-2016
Estimated Project Cost: \$2,000,000



DESCRIPTION

This project involves the widening of Crows Landing to three lanes from Keyes Road to Monte Vista Avenue.

ESTIMATED PROJECT COSTS			FUNDING SOURCES	
	ው	25.000	FUNDING SOURCES	
Preliminary	\$	35,000		
Design	\$	100,000		
Acquisition	\$	305,000		
Construction	\$	1,560,000		
Other	\$	-	Total County Funding	\$ 2,000,000
			State/Federal Funding	\$ -
			OtherGrants	\$ -
			Total Other Funding	\$ -
			Non-County Contribution	\$ -
Total Estimated Project Cost	\$	2,000,000	Total Project Funding	\$ 2,000,000
			Funding Not Yet Identified	\$ -

BACKGROUND

This project is split into seven segments: Segment 1 – Service Rd to Keyes Rd; Segment 2 – Keyes Rd to Monte Vista Ave; Segment 3 – Monte Vista Ave to West Main St; Segment 4 – West Main St to Harding Rd; Segment 5 – Harding Rd to Carpenter Rd; Segment 6 – Carpenter Rd to River Rd/Marshall Rd; and Segment 7 – River Rd/Marshall Rd to State Route 33. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2016

IMPACT ON THE OPERATING BUDGET



CROWS LANDING ROAD SEGMENT 3—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.054
Preliminary Schedule: 2013-2016
Estimated Project Cost: \$2,000,000

DESCRIPTION

This project involves the widening of Crows Landing Road to three lanes from Monte Vista Avenue to West Main Street.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 40,000		
Design	\$ 110,000		
Acquisition	\$ 250,000		
Construction	\$ 1,600,000		
Other	-	Total County Funding	\$ 2,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	-
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ 2,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is split into seven segments: Segment 1 – Service Rd to Keyes Rd; Segment 2 – Keyes Rd to Monte Vista Ave; Segment 3 – Monte Vista Ave to West Main St; Segment 4 – West Main St to Harding Rd; Segment 5 – Harding Rd to Carpenter Rd; Segment 6 – Carpenter Rd to River Rd/Marshall Rd; and Segment 7 – River Rd/Marshall Rd to State Route 33. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2016

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



CROWS LANDING ROAD SEGMENT 4—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.057
Preliminary Schedule: 2015-2017
Estimated Project Cost: \$2,000,000



DESCRIPTION

This project involves the widening of Crows Landing Road to three lanes from West Main Street to Harding Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 35,000		
Design	\$ 110,000		
Acquisition	\$ 255,000		
Construction	\$ 1,600,000		
Other	\$ -	Total County Funding	\$ 2,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ 2,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is split into seven segments: Segment 1 – Service Rd to Keyes Rd; Segment 2 – Keyes Rd to Monte Vista Ave; Segment 3 – Monte Vista Ave to West Main St; Segment 4 – West Main St to Harding Rd; Segment 5 – Harding Rd to Carpenter Rd; Segment 6 – Carpenter Rd to River Rd/Marshall Rd; and Segment 7 – River Rd/Marshall Rd to State Route 33. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2017.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



CROWS LANDING ROAD SEGMENT 5—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Modesto

Project Number: 2006.060
Preliminary Schedule: 2017-2019
Estimated Project Cost: \$2,300,000



DESCRIPTION

This project involves the widening of Crows Landing Road to three lanes from Harding Road to Carpenter Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 40,000		
Design	\$ 130,000		
Acquisition	\$ 330,000		
Construction	\$ 1,800,000		
Other	\$ -	Total County Funding	\$ 2,300,000
		State/Federal Funding	\$ -
		OtherGrants	-
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,300,000	Total Project Funding	\$ 2,300,000
		Funding Not Yet Identified	-

BACKGROUND

This project is split into seven segments: Segment 1 – Service Rd to Keyes Rd; Segment 2 – Keyes Rd to Monte Vista Ave; Segment 3 – Monte Vista Ave to West Main St; Segment 4 – West Main St to Harding Rd; Segment 5 – Harding Rd to Carpenter Rd; Segment 6 – Carpenter Rd to River Rd/Marshall Rd; and Segment 7 – River Rd/Marshall Rd to State Route 33. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2019.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



CROWS LANDING ROAD SEGMENT 6—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: Southeast of Patterson; NE of Newman

Project Number: 2006.062
Preliminary Schedule: 2019-2021
Estimated Project Cost: \$1,000,000



DESCRIPTION

This project involves the widening of Crows Landing Road to three lanes from Carpenter Road to River Road/Marshall Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 15,000		
Design	\$ 50,000		
Acquisition	\$ 135,000		
Construction	\$ 800,000		
Other	\$ -	Total County Funding	\$ 1,000,000
		State/Federal Funding	-
		OtherGrants	\$ -
		Total Other Funding	-
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,000,000	Total Project Funding	\$ 1,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is split into seven segments: Segment 1 – Service Rd to Keyes Rd; Segment 2 – Keyes Rd to Monte Vista Ave; Segment 3 – Monte Vista Ave to West Main St; Segment 4 – West Main St to Harding Rd; Segment 5 – Harding Rd to Carpenter Rd; Segment 6 – Carpenter Rd to River Rd/Marshall Rd; and Segment 7 – River Rd/Marshall Rd to State Route 33. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2021.

IMPACT ON THE OPERATING BUDGET



CROWS LANDING ROAD SEGMENT 7—Widening

CIP Category: C—FUTURE PROJECT/PLANNED Board Priority: A Well-Planned Infrastructure System

Public Works/Roads and Traffic **Lead Department:**

Location: East of Crows Landing; North of Newman

Project Number: 2006.067 **Preliminary Schedule:** 2021-2024 **Estimated Project Cost:** \$9,700,000



DESCRIPTION

This project involves the widening of Crows Landing Road to three lanes from River Road/Marshall Road to State Route 33.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 160,000		
Design	\$ 540,000		
Acquisition	\$ 1,500,000		
Construction	\$ 7,500,000		
Other	\$ -	Total County Funding	\$ 9,700,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 9,700,000	Total Project Funding	\$ 9,700,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is split into seven segments: Segment 1 - Service Rd to Keyes Rd; Segment 2 - Keyes Rd to Monte Vista Ave; Segment 3 - Monte Vista Ave to West Main St; Segment 4 - West Main St to Harding Rd; Segment 5 - Harding Rd to Carpenter Rd: Segment 6 - Carpenter Rd to River Rd/Marshall Rd: and Segment 7 - River Rd/Marshall Rd to State Route 33. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2024.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



FAITH HOME ROAD - Widening - Project Initiation & Development

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:East of CeresProject Number:2010.003Preliminary Schedule:2025-2030Estimated Project Cost:\$10,000,000



DESCRIPTION

This project will study the Faith Home Road corridor from Keyes Road to the SR-132/Claus Road Expressway. The study will also study new river crossing alternatives over the Tuolumne River. The intention of the project is to connect SR99 with SR132.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 10,000,000		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ -	Total County Funding	\$ 10,000,000
		State/Federal Funding	\$
		OtherGrants	\$ -
		Total Other Funding	\$
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 10,000,000	Total Project Funding	\$ 10,000,000
		Funding Not Yet Identified	\$

BACKGROUND

Faith Home Road is designated as a 4-lane Class B expressway in the 2006 Stanislaus County General Plan circulation element. This designation requires two lanes in both directions and is partially access-controlled with traffic control at major roads and other expressways. Collectors and locals are permitted right-in and right-out access only at ½ to ½ mile intervals. The typical right of way requirements are 110 feet.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding. This project is currently in the project development phase and is planned for future development.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



GEER-ALBERS ROAD SEGMENT 1—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: North of Turlock

Project Number:2006.061Preliminary Schedule:2013-2016Estimated Project Cost:\$3,700,000



DESCRIPTION

This project involves the widening of Geer Road to three lanes from Taylor Road to Santa Fe Avenue.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 50,000		
Design	\$ 260,000		
Acquisition	\$ 390,000		
Construction	\$ 3,000,000		
Other	\$ -	Total County Funding	\$ 3,700,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,700,000	Total Project Funding	\$ 3,700,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is to relieve traffic congestion and is split into three segments. The first segment consists of widening the pavement to allow the installation of through lane in each direction and a dual left turn median from Taylor Road on the south to Santa Fe Avenue on the north. The Second Segment is similar to Segment 1 and is from Santa Fe Avenue on the South to Hatch Road on the North. The Third Segment is similar to

Segments 1 and 2 and is from Hatch Road on the south to Yosemite Boulevard on the north. The Third Segment will also need to be coordinated with the widening of the existing bridge over the Tuolumne River.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2016.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



GEER-ALBERS ROAD SEGMENT 2—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: East of Hughson

Project Number:2006.059Preliminary Schedule:2015-2017Estimated Project Cost:\$3,100,000



DESCRIPTION

This project involves the widening of Geer Road three lanes from Santa Fe Avenue to Hatch Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 40,000		
Design	\$ 190,000		
Acquisition	\$ 170,000		
Construction	\$ 2,700,000		
Other	\$ -	Total County Funding	\$ 3,100,000
		State/Federal Funding	-
		OtherGrants	-
		Total Other Funding	-
		Non-County Contribution	-
Total Estimated Project Cost	\$ 3,100,000	Total Project Funding	\$ 3,100,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project is to relieve traffic congestion and is split into three segments. The first segment consists of widening the pavement to allow the installation of through lane in each direction and a dual left turn median from Taylor Road on the south to Santa Fe Avenue on the north. The Second Segment is similar to Segment 1 and is from Santa Fe Avenue on the South to Hatch Road on the North. The Third Segment is

similar to Segments 1 and 2 and is from Hatch Road on the south to Yosemite Boulevard on the north. The Third Segment will also need to be coordinated with the widening of the existing bridge over the Tuolumne River.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2017.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



GEER-ALBERS ROAD SEGMENT 3—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: North of Hughson

Project Number: 2006.055
Preliminary Schedule: 2017-2019
Estimated Project Cost: \$2,700,000

132 Vosemite Blvd

DESCRIPTION

This project involves the widening of Geer Road to three lanes from Hatch Road to State Route 132 (Yosemite Boulevard).

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 35,000		
Design	\$ 190,000		
Acquisition	\$ 25,000		
Construction	\$ 2,450,000		
Other	\$ -	Total County Funding	\$ 2,700,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	-
		Non-County Contribution	-
Total Estimated Project Cost	\$ 2,700,000	Total Project Funding	\$ 2,700,000
		Funding Not Yet Identified	-

BACKGROUND

This project is to relieve traffic congestion and is split into three segments. The first segment consists of widening the pavement to allow the installation of through lane in each direction and a dual left turn median from Taylor Road on the south to Santa Fe Avenue on the north. The Second Segment is similar to Segment 1 and is from Santa Fe Avenue on the South to Hatch Road on the North. The Third Segment is similar to Segments 1 and 2 and is from Hatch Road on the south to Yosemite Boulevard on the north. The

Third Segment will also need to be coordinated with the widening of the existing bridge over the Tuolumne River.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2019.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



GEER-ALBERS ROAD SEGMENT 4—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: East of Modesto

Project Number:2006.053Preliminary Schedule:2025-2028Estimated Project Cost:\$6,100,000



DESCRIPTION

This project will widen Albers Road to three lanes from State Route 132 (Yosemite Boulevard) to Milnes Road. The canal crossing at the MID main canal will be widened to accommodate further future lanes. This is part of the Geer/Albers Road Corridor.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 500,000		
Acquisition	\$ 500,000		
Construction	\$ 5,000,000		
Other	\$ -	Total County Funding	\$ 6,100,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 6,100,000	Total Project Funding	\$ 6,100,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The first phase of this project widened Albers Road from Oakdale-Waterford Highway to Claribel Road and has been completed. The second phase of this project consists of widening the pavement to allow the installation of through lane in each direction and a dual left turn median from Claribel Road on the north to Milnes Road on the South. The third phase consists of the widening the pavement to allow the installation of through lane in each direction and a dual left turn median from Milnes Road on the north to Yosemite Boulevard on the South.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is planned for future implementation.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



GEER-ALBERS ROAD SEGMENT 5—Widening

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System Lead Department: Public Works/Roads and Traffic

Location: East of Modesto

Project Number: 2006.050
PW Project Number: 9723
Preliminary Schedule: 2008-2022
Estimated Project Cost: \$2,800,000



DESCRIPTION

This project will widen Albers Road between Milnes Road and Claribel Road to three lanes. This is part of the Geer/Albers Road Corridor.

ESTIMATED PROJECT COSTS		FUND	ING SOURCES	
Preliminary	\$ 50	,000		
Design	\$ 160	,000		
Acquisition	\$ 240	,000		
Construction	\$ 2,350	,000		
Other	\$	- Total	County Funding	\$ 2,800,000
		State/	Federal Funding	\$ -
		Other	-Grants	\$ -
		Total	Other Funding	\$ -
		Non-C	County Contribution	\$ -
Total Estimated Project Cost	\$ 2,800	,000 Total	Project Funding	\$ 2,800,000
		Fundi	ng Not Yet Identified	\$ -

BACKGROUND

The first phase of this project widened Albers Road from Oakdale-Waterford Highway to Claribel Road and has been completed. The second phase of this project consists of widening the pavement to allow the installation of through lane in each direction and a dual left turn median from Claribel Road on the north to Milnes Road on the South. The third phase consists of the widening the pavement to allow the installation of through lane in each direction and a dual left turn median from Milnes Road on the north to Yosemite Boulevard on the South.

CURRENT STATUS

Design is currently underway and the environmental document will be finalized in April 2009. The environmental document for CEQA is a negative declaration. This project may be also eligible for the use of Public Facilities Fees funding.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



HATCH ROAD SEGMENT 1 (TURN LANES)—Widening

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Location:East of CeresProject Number:2006.195Preliminary Schedule:2006-2010Estimated Project Cost:\$2,530,000



DESCRIPTION

This project will widen Hatch Road to three lanes from Faith Home Road to Clinton Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 30,000		
Design	\$ 100,000		
Acquisition	\$ 400,000		
Construction	\$ 2,000,000		
Other	\$ -	Total County Funding	\$ 2,530,000
		State/Federal Funding	-
		OtherGrants	-
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,530,000	Total Project Funding	\$ 2,530,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The purpose of this project is to relieve traffic congestion and provide safety improvements. The first segment of this project is to add a through lane on the north side of Hatch Road to allow the installation of left turn lanes at the intersection of Faith Home Road, Gilbert Road, Parks Road, Washington Road and Clinton Road. A dual left turn lane will be installed between each intersection. Right-of-Way will be acquired

as necessary for this project. The Capacity Analysis for Hatch Road concluded that the road does not need to be widened until after the year 2028.

CURRENT STATUS

This project is currently in the right-of-way acquisition phase. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2010.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



MCHENRY AVENUE SEGMENT 1—Widening

CIP Category: A—APPROVED/FUNDED

Board Priority:A Well-Planned Infrastructure System **Lead Department:**Public Works/Roads and Traffic

Location: North of Modesto

Project Number: 2006.065
PW Project Number: 9216
Preliminary Schedule: 2009-2011
Estimated Project Cost: \$4,100,000



DESCRIPTION

This project segment is between Ladd Road and Hogue Road and includes an overlay of the existing two-lane highway to a 5-lane highway with a 14-foot dual left turn median with 8-foot shoulders. The project will also provide for a Class III bicycle lane within the 8-foot shoulder consistent with the planning goals of the *Stanislaus County Non-Motorized Transportation Plan* (2008 StanCOG SCNMTP), September 2008, prepared for Stanislaus Council of Governments (StanCOG) for the Primary Countywide Bikeway Network (PCBN).

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 100,000		
Design	\$ 300,000		
Acquisition	\$ 500,000		
Construction	\$ 3,200,000		
Other	-	Total County Funding	\$ 4,100,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 4,100,000	Total Project Funding	\$ 4,100,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project consists of two segments to widen McHenry Avenue from Ladd Road to Hogue Road (Segment 1) and Hogue Road to the San Joaquin County line (Segment 2). Ultimately, the roadway/corridor will be widened to 5 lanes with 2 through lanes in each direction with a dual left-turn lane as this segment of

roadway is designated as a Major 4-Lane Roadway per the County General Plan Circulation Plan .

Segment 2 of this project will be coordinated with the Dry Slough and San Joaquin River Bridge widening projects and Ladd Road intersection signalization project.



CAPITAL IMPROVEMENT PLAN Proposed



MCHENRY AVENUE SEGMENT 1—Widening (cont'd)

CURRENT STATUS

This project required coordination with Modesto Irrigation District in relocating irrigation facilities. The irrigation relocation was completed in 2009. The remaining widening project is currently in the design and environmental phase. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2011.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



MC HENRY AVENUE SEGMENT 2—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: North of Modesto

Project Number: 2006.068
Preliminary Schedule: 2011-2013
Estimated Project Cost: \$7,900,000



DESCRIPTION

This project segment is between Hogue Road and the San Joaquin County Line and includes an overlay of the existing two-lane highway to a five-lane highway with 14-foot two-way left turn lane with 8-foot shoulders. The project will also provide for a Class III bicycle lane within the 8-foot shoulder consistent with the planning goals of the *Stanislaus County Non-Motorized Transportation Plan* (2008 StanCOG SCNMTP), September 2008, prepared for Stanislaus Council of Governments (StanCOG) for the Primary Countywide Bikeway Network (PCBN). This project includes the Dry Slough Bridge and will be coordinated with the San Joaquin River Bridge project.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 150,000		
Design	\$ 450,000		
Acquisition	\$ 1,300,000		
Construction	\$ 6,000,000		
Other	\$ -	Total County Funding	\$ 7,900,000
		State/Federal Funding	\$
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 7,900,000	Total Project Funding	\$ 7,900,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the McHenry Avenue to include two through lanes in each direction and a dual left-turn median from Ladd Road north to the San Joaquin County Line. This project consists of two

segments to widen McHenry Avenue from Ladd Road to Hogue Road (Segment 1) and Hogue Road to the San Joaquin County line (Segment 2). The roadway/corridor will be widened to 5 lanes with 2 through lanes in each direction with a two-way left-turn lane as this segment of roadway is designated as a Major 4-Lane Roadway per the County General Plan Circulation Plan.



CAPITAL IMPROVEMENT PLAN Proposed



MC HENRY AVENUE SEGMENT 2—Widening (cont'd)

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2013.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



NORTH COUNTY TRANSPORTATION CORRIDOR-Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:North CountyProject Number:2007.049PW Project Number:9340Preliminary Schedule:2008-2028Estimated Project Cost:\$400,000,000

DESCRIPTION

The ultimate project will construct an expressway between State Route 99 and State Route 120/108. The limits of this phase of the project have yet to be determined. The total project is approximately 25 miles long.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 6,000,000		
Design	\$ 21,000,000		
Acquisition	\$ 60,000,000		
Construction	\$ 300,000,000		
Other	\$ 13,000,000	Total County Funding	\$ 300,000,000
		State/Federal Funding	\$ 100,000,000
		OtherGrants	-
		Total Other Funding	\$ 100,000,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 400,000,000	Total Project Funding	\$ 400,000,000
		Funding Not Yet Identified	

BACKGROUND

The North County Corridor project has been identified as a necessary improvement to accommodate regional east-west traffic and help improve north/south network connectivity in northern Stanislaus and southern San Joaquin counties. Traffic through the Corridor is a combination of commuter, local commerce, and goods movement, with a large component of recreational traffic. This traffic currently conflicts with local traffic on the existing facilities, creating congestion and safety concerns, as well as, increased noise and air pollution. These conditions are expected to worsen significantly over time as development continues and traffic increases within the Corridor.

The ultimate project is estimated to cost approximately \$1.2 billion. Phase 1 is estimated at \$400 million, but the limits have yet to be determined. Future phases will be added to the CIP as funding develops and they become part of the twenty year outlook. In the 2009-2010 CIP, the full project was listed, but the scope has been reduced to the first phase for the 2010-2011 CIP.

CURRENT STATUS

The preliminary design report was completed in the spring of 2008 and currently the project is in the project approval and environmental determination phase. This project will utilize STIP/ITIP funds. This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2028.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



SANTA FE AVENUE SEGMENT 1—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: North of Turlock

Project Number: 2006.073
Preliminary Schedule: 2020-2022
Estimated Project Cost: \$3,000,000

E Mark Rd Walton Con Are Rd E Keyes Rd E Tolor Rd Conair

DESCRIPTION

This project involves the widening of Santa Fe Avenue to three lanes from Keyes Road and Geer Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 60,000		
Design	\$ 140,000		
Acquisition	\$ 300,000		
Construction	\$ 2,500,000		
Other	\$ -	Total County Funding	\$ 3,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,000,000	Total Project Funding	\$ 3,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the Santa Fe Avenue to include a through lane in each direction and a dual left-turn median in three segments: Segment 1 -Keyes Road to Geer Road; Segment 2 – Geer Road to the southern limits of the City of Hughson; and Segment 3 – Hatch Road to the Tuolumne River. This section of County roadway is designated as a Class C, 4-Lane Expressway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class II bicycle lane for Segment 2 and Class I and II bicycle lanes for Segment 3 within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2022.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



SANTA FE AVENUE SEGMENT 2—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: South of Hughson

Project Number: 2006.074
Preliminary Schedule: 2022-2024
Estimated Project Cost: \$2,000,000



DESCRIPTION

This project involves the widening of Santa Fe Avenue to three lanes from Geer Road and the Hughson city limit.

ESTIMATED PROJECT COSTS			FUNDING SOURCES	
Preliminary	\$	25,000		
Design	\$	100,000		
Acquisition	\$	500,000		
Construction	\$ 1	,375,000		
Other	\$		Total County Funding	\$ 2,000,000
			State/Federal Funding	\$ -
			OtherGrants	\$ -
			Total Other Funding	\$ -
			Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2	2,000,000	Total Project Funding	\$ 2,000,000
			Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the Santa Fe Avenue to include a through lane in each direction and a dual left-turn median in three segments: Segment 1 -Keyes Road to Geer Road; Segment 2 – Geer Road to the southern limits of the City of Hughson; and Segment 3 – Hatch Road to the Tuolumne River. This section of County roadway is designated as a Class C, 4-Lane Expressway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class II bicycle lane for Segment 2 and Class I and II bicycle lanes for Segment 3 within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2024.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



SANTA FE AVENUE SEGMENT 3—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: North of Hughson

Project Number: 2006.075
Preliminary Schedule: 2024-2026
Estimated Project Cost: \$1,700,000



DESCRIPTION

This project involves the widening of Santa Fe Avenue to three lanes from Hatch Road and the Tuolumne River.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 35,000		
Design	\$ 100,000		
Acquisition	\$ 125,000		
Construction	\$ 1,440,000		
Other	\$ -	Total County Funding	\$ 1,700,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 1,700,000	Total Project Funding	\$ 1,700,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the Santa Fe Avenue to include a through lane in each direction and a dual left-turn median in three segments: Segment 1 -Keyes Road to Geer Road; Segment 2 – Geer Road to the southern limits of the City of Hughson; and Segment 3 – Hatch Road to the Tuolumne River. This section of County roadway is designated as a Class C, 4-Lane Expressway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class II bicycle lane for Segment 2 and Class I and II bicycle lanes for Segment 3 within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2026.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



Oakdale

Empire

Hughs

Turlock

Riverbank

wanteca

Westley

Ripon

Patterson

Salida

Modesto

Ceres

SOUTH COUNTY CORRIDOR - Project Initiation & Development - Expressway

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: West of Turlock; East of Patterson

Project Number: 2010.004
Preliminary Schedule: 2028-2032
Estimated Project Cost: \$10,000,000

DESCRIPTION

This project will study potential alignments and corridor options for an expressway from the City of Turlock on the east, to Interstate I-5 on the west. The expressway will provide 4-6 lanes total and a new bridge structure over the San Joaquin River.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 10,000,000		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ -	Total County Funding	\$ 10,000,000
		State/Federal Funding	\$
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 10,000,000	Total Project Funding	\$ 10,000,000
		Funding Not Yet Identified	\$

BACKGROUND

The South County Corridor is not specifically designated in the 2006 Stanislaus County General Plan circulation element. The project is currently assumed to be a Class 'A' expressway and will have multiple alternatives where the most effective solution will be chosen. There is not a specific corridor identified other than that it will stem from the west side of Turlock and through the unincorporated area. A new bridge structure will need to be erected to span the San Joaquin River.

CURRENT STATUS

This project is currently under study and is planned for future implementation. This project may also be eligible for the use of Public Facilities Fees funding.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



STATE ROUTE 33 – Project Initiation & Development

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works/Roads and Traffic

Location: San Joaquin County to Merced County

Project Number: 2010.005
Preliminary Schedule: 2011-2018
Estimated Project Cost: \$10,000,000



DESCRIPTION

This project will study the State Route 33 corridor to determine the future infrastructure needs.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 10,000,000		
Design	\$ -		
Acquisition	\$ -		
Construction	-		
Other	-	Total County Funding	\$ 10,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 10,000,000	Total Project Funding	\$ 10,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

State Route 33 current functional classification designation is a Major Collector. The study will determine the needs of the road infrastructure and suggest solutions for the infrastructure.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is currently under review and is planned for future implementation.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



STATE ROUTE 132 (SR-99 to Dakota Ave) - Realignment

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: City of Modesto; East of Modesto

Project Number:2010.006Preliminary Schedule:2010-2018Estimated Project Cost:\$101,000,000

DESCRIPTION



This project will realign State Route 132 between downtown Modesto and Dakota Avenue. The project will be widened to a four lane expressway with access control and will require a grade separation at highway 99.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 6,000,000		
Design	\$ 6,000,000		
Acquisition	\$ 4,000,000		\$ -
Construction	\$ 85,000,000		\$ -
Other	-	Total County Funding	\$ 40,000,000
		State/Federal Funding	\$ 61,000,000
		OtherGrants	\$ -
		Total Other Funding	\$ 61,000,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 101,000,000	Total Project Funding	\$ 101,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

State Route 132 is designated as a 4-lane Class B expressway in the 2006 Stanislaus County General Plan circulation element. This designation requires two lanes in both directions and is partially access-controlled with traffic control at major roads and other expressways. Collectors and locals are permitted right-in and right-out access only at $\frac{1}{4}$ to $\frac{1}{2}$ mile intervals. The typical right of way requirements are 110 feet.

Currently, State Route 132 is one of the main east-west routes of travel from I-5/580 that passes through the cities of Modesto, Waterford, and the town of La Grange. This route is primarily a two-lane road that is important to recreational travelers en route to Modesto Reservoir, Turlock Reservoir, Lake Don Pedro, and the Sierra Nevada's. Approximately 270 acres has been held as right-of-way for the future improved Route 132.

This project will be funded by Federal Demo funds, State TCRP funds and State STIP/Local funds.

CURRENT STATUS

This project is currently in the project development phase and is planned for future implementation. This project may also be eligible for the use of Public Facilities Fees funding.

IMPACT ON THE OPERATING BUDGET



STATE ROUTE 132 (SR-99 to Geer/Albers) – Project Initiation & Development

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: Dakota Ave to Albers/Geer Rd

Project Number: 2010.007
Preliminary Schedule: 2011-2018
Estimated Project Cost: \$10,000,000

DESCRIPTION:



This project will widen State Route 132 between downtown Modesto and Geer/Albers Rd to a four lane expressway with access control.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 10,000,000		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ -	Total County Funding	\$ 10,000,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 10,000,000	Total Project Funding	\$ 10,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

State Route 132 is designated as a 4-lane Class B expressway in the 2006 Stanislaus County General Plan circulation element. This designation requires two lanes in both directions and is partially access-controlled with traffic control at major roads and other expressways. Collectors and locals are permitted right-in and right-out access only at ½ to ½ mile intervals. The typical right of way requirements are 110 feet.

Currently, State Route 132 is one of the main east-west routes of travel from I-5/580 that passes through the cities of Modesto, Waterford, and the town of La Grange. This route is primarily a two-lane road that is important to recreational travelers en route to Modesto Reservoir, Turlock Reservoir, Lake Don Pedro, and the Sierra Nevada's. Approximately 270 acres has been held as right-of-way for the future improved Route 132.

CURRENT STATUS

This project is currently in the project development phase and is planned for future implementation. This project may also be eligible for the use of Public Facilities Fees funding.

IMPACT ON THE OPERATING BUDGET



STATE ROUTE 132 (Dakota to County Line) - Project Initiation & Development

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic
Location: East of Modesto; North of Grayson

Project Number:2010.008Preliminary Schedule:2011-2018Estimated Project Cost:\$10,000,000



DESCRIPTION

This project will study alignment alternatives for State Route 132 between Dakota Avenue and Gates Road. The project will be widened to expressway standards with access control.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 10,000,000		
Design	\$ -		
Acquisition			
Construction	\$ -		
Other	\$ -	Total County Funding	\$ 10,000,000
		State/Federal Funding	\$
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 10,000,000	Total Project Funding	\$ 10,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

State Route 132 is designated as a 4-lane Class B expressway in the 2006 Stanislaus County General Plan circulation element. This designation requires two lanes in both directions and is partially access-controlled with traffic control at major roads and other expressways. Collectors and locals are permitted right-in and right-out access only at ½ to ½ mile intervals. The typical right of way requirements are 110 feet.

Currently, State Route 132 is one of the main east-west routes of travel from I-5/580 that passes through the cities of Modesto, Waterford, and the town of La Grange. This route is primarily a two-lane road that is important to recreational travelers en route to Modesto Reservoir, Turlock Reservoir, Lake Don Pedro, and the Sierra Nevada's. Approximately 270 acres has been held as right-of-way for the future improved Route 132.

CURRENT STATUS

This project is currently in the project development phase and is planned for future implementation. This project may also be eligible for the use of Public Facilities Fees funding.

IMPACT ON THE OPERATING BUDGET



SR 219 KIERNAN AVENUE SEGMENTS 1a and 1b—Widening

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System Lead Department: Public Works/Roads and Traffic

Location: North of Modesto

Project Number: 2006.121
Preliminary Schedule: 2007-2011
Estimated Project Cost: \$57,000,000



DESCRIPTION

This project will widen Kiernan Avenue (SR 219) between SR 99 and Dale Road to four lands and signalize Dale Road and Stoddard Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 1,500,000		
Design	\$ 2,500,000		
Acquisition	\$ 5,000,000		
Construction	\$ 48,000,000		
Other	\$	Total County Funding	\$ -
		State/Federal Funding	\$ 57,000,000
		OtherGrants	\$ -
		Total Other Funding	\$ 57,000,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 57,000,000	Total Project Funding	\$ 57,000,000
_		Funding Not Yet Identified	\$

BACKGROUND

This project will widen Kiernan Avenue (SR 219) from State Route 99 and Dale Road. The second segment of this project is between Dale Road and SR 108.

CURRENT STATUS

This project is currently under construction.

IMPACT ON THE OPERATING BUDGET





SR 219 KIERNAN AVENUE SEGMENT 2—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:North ModestoProject Number:2006.173Preliminary Schedule:2011-2012Estimated Project Cost:\$43,000,000



DESCRIPTION

This project will widen State Route 219 (Kiernan Avenue) from Dale Road to McHenry Avenue (SR 108) to two through lanes in both directions. The project is approximately 3 miles in length.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 700,000		
Design	\$ 4,300,000		
Acquisition	\$ 3,000,000		
Construction	\$ 35,000,000		
Other	\$ -	Total County Funding	\$ -
		State/Federal Funding	\$ 43,000,000
		OtherGrants	\$ -
		Total Other Funding	\$ 43,000,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 43,000,000	Total Project Funding	\$ 43,000,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This is the second segment of this project. The intersection signalizations at Carver Road and Tully Road are not part of the widening, but will be coordinated with the project.

CURRENT STATUS

This project is currently awaiting implementation and segment 1 is currently under construction.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



WEST MAIN SEGMENT 1—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:West of TurlockProject Number:2006.154Preliminary Schedule:2018-2020Estimated Project Cost:\$3,900,000



DESCRIPTION

This project involves the widening of the West Main Avenue to three lanes from the San Joaquin River to Carpenter Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 90,000		
Design	\$ 200,000		
Acquisition	\$ 410,000		
Construction	\$ 3,200,000		
Other	-	Total County Funding	\$ 3,900,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 3,900,000	Total Project Funding	\$ 3,900,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the West Main Avenue to include a through lane in each direction and a dual left-turn median in four segments: Segment 1 – The San Joaquin River to Carpenter Road; Segment 2 – Carpenter Road to Crows Landing Road; Segment 3 – Crows Landing Road to Mitchell Road; and Segment 4 – Mitchell Road to Washington Road. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2020.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



WEST MAIN SEGMENT 2—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: West of Turlock

Project Number: 2006.052
Preliminary Schedule: 2011-2013
Estimated Project Cost: \$2,800,000



DESCRIPTION

This project involves the widening of the West Main Avenue to three lanes from Carpenter Road to Crows Landing Road

ESTIMATED PROJECT COSTS			FUNDING SOURCES	
Preliminary	\$ 90	0,000		
Design	\$ 110	0,000		
Acquisition	\$ 300	0,000		
Construction	\$ 2,300	0,000		
Other	\$	-	Total County Funding	\$ 2,800,000
			State/Federal Funding	\$ -
			OtherGrants	\$ -
			Total Other Funding	\$ -
			Non-County Contribution	\$
Total Estimated Project Cost	\$ 2,800	0,000	Total Project Funding	\$ 2,800,000
			Funding Not Yet Identified	\$

BACKGROUND

This project involves the widening of the West Main Avenue to include a through lane in each direction and a dual left-turn median in four segments: Segment 1 – The San Joaquin River to Carpenter Road; Segment 2 – Carpenter Road to Crows Landing Road; Segment 3 – Crows Landing Road to Mitchell Road; and Segment 4 – Mitchell Road to Washington Road. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2013.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



WEST MAIN SEGMENT 3—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location:West of TurlockProject Number:2006.056Preliminary Schedule:2014-2016Estimated Project Cost:\$4,300,000



DESCRIPTION

This project involves the widening of the West Main Avenue to three lanes from Crows Landing Road to Mitchell Road.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 120,000		
Design	\$ 200,000		
Acquisition	\$ 520,000		
Construction	\$ 3,460,000		
Other	\$ -	Total County Funding	\$ 4,300,000
		State/Federal Funding	-
		OtherGrants	-
		Total Other Funding	-
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 4,300,000	Total Project Funding	\$ 4,300,000
		Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the West Main Avenue to include a through lane in each direction and a dual left-turn median in four segments: Segment 1 – The San Joaquin River to Carpenter Road; Segment 2 – Carpenter Road to Crows Landing Road; Segment 3 – Crows Landing Road to Mitchell Road; and Segment 4 – Mitchell Road to Washington Road. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2016.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



WEST MAIN SEGMENT 4—Widening

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Location: West of Turlock

Project Number: 2006.058
Preliminary Schedule: 2016-2018
Estimated Project Cost: \$2,900,000



DESCRIPTION

This project involves the widening of the West Main Avenue to three lanes from Mitchell Road to Washington Road.

ESTIMATED PROJECT COSTS			FUNDING SOURCES	
Preliminary	\$	90,000		
Design	\$	180,000		
Acquisition	\$	300,000		
Construction	\$ 2	,330,000		
Other	\$		Total County Funding	\$ 2,900,000
			State/Federal Funding	\$ -
			OtherGrants	\$ -
			Total Other Funding	\$ -
			Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2	,900,000	Total Project Funding	\$ 2,900,000
			Funding Not Yet Identified	\$ -

BACKGROUND

This project involves the widening of the West Main Avenue to include a through lane in each direction and a dual left-turn median in four segments: Segment 1 – The San Joaquin River to Carpenter Road; Segment 2 – Carpenter Road to Crows Landing Road; Segment 3 – Crows Landing Road to Mitchell Road; and Segment 4 – Mitchell Road to Washington Road. This section of County roadway is designated as a Major 4-Lane roadway per the County General Plan Circulation Plan. The interim phasing of this project will allow for ultimate build-out, as required, with expansion on the proposed improvements when traffic exceeds the roadway/corridor capacity. This project includes an overlay of the existing two-lane highway to a 24-foot two-lane highway and 14-foot dual left turn median with 6-foot shoulders. The project will also provide for a Class III bicycle lane within the 6-foot shoulder consistent with the planning goals of the 2008 StanCOG SCNMTP for the PCBN.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding and is estimated to begin construction in 2018.

IMPACT ON THE OPERATING BUDGET

A Well-Planned Infrastructure System



Public Works Facilities/Maintenance

CAPITAL IMPROVEMENT PLAN Proposed



2-AXLE ROAD TRACTOR—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2008.007
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$160,000

DESCRIPTION

This item would purchase one 2-axle road tractor. Two-axle road tractors are used for transporting equipment to various locations throughout the County.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
		FUNDING SOURCES	
Preliminary	-		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 160,000	Total County Funding	\$ 19,200
		State/Federal Funding	\$ 140,800
		OtherGrants	\$ -
		Total Other Funding	\$ 140,800
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 160,000	Total Project Funding	\$ 160,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



2-AXLE ROAD TRACTOR—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.008
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$160,000

DESCRIPTION

This item would purchase one 2-axle road tractor. Two-axle road tractors are used for transporting equipment to various locations throughout the County.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 160,000	Total County Funding	\$ 19,200
		State/Federal Funding	\$ 140,800
		OtherGrants	-
		Total Other Funding	\$ 140,800
		Non-County Contribution	-
Total Estimated Project Cost	\$ 160,000	Total Project Funding	\$ 160,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



BACKHOE—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.020
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$100,000

DESCRIPTION

This item would purchase one backhoe. Backhoes are used to excavate soil for trenches and basins.

ESTIMATED DDG IECT COSTS		FUNDING SOURCES	
ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 100,000	Total County Funding	\$ 12,000
		State/Federal Funding	\$ 88,000
		OtherGrants	\$ -
		Total Other Funding	\$ 88,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 100,000	Total Project Funding	\$ 100,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



CHIP SPREADER—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.009
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$165,000

DESCRIPTION

This item would purchase one 18' Chip Spreader. Chip spreaders are used to apply aggregate to hot oil to create a chip seal on road surfaces.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 165,000	Total County Funding	\$ 19,800
		State/Federal Funding	\$ 145,200
		OtherGrants	\$ -
		Total Other Funding	\$ 145,200
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 165,000	Total Project Funding	\$ 165,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The chip spreader is needed so that County staff can chip seal; opposed to having contractors do the work under contract. The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



FRONT LOADER—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.010
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$230,000

DESCRIPTION

This item would purchase one front loader. Front Loaders are used for transferring large quantities into trucks or from one location to another.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
	Φ.	FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 230,000	Total County Funding	\$ 27,600
		State/Federal Funding	\$ 202,400
		OtherGrants	\$ -
		Total Other Funding	\$ 202,400
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 230,000	Total Project Funding	\$ 230,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



FRONT LOADER—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number:2009.011Preliminary Schedule:2009-2014Estimated Project Cost:\$230,000

DESCRIPTION

This item would purchase one front loader. Front Loaders are used for transferring large quantities into trucks or from one location to another.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 230,000	Total County Funding	\$ 27,600
		State/Federal Funding	\$ 202,400
		OtherGrants	\$ -
		Total Other Funding	\$ 202,400
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 230,000	Total Project Funding	\$ 230,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



FRONT LOADER—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2010.009
Preliminary Schedule: 2010-2013
Estimated Project Cost: \$230,000

DESCRIPTION

This item would purchase one front loader. Front Loaders are used for transferring large quantities into trucks or from one location to another.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
	¢	I UNDING SOURCES	
Preliminary	<u>т</u>		
Design	\$ -		
Acquisition	-		
Construction	\$ -		
Other	\$ 230,000	Total County Funding	\$ 27,600
		State/Federal Funding	\$ 202,400
		OtherGrants	\$ -
		Total Other Funding	\$ 202,400
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 230,000	Total Project Funding	\$ 230,000
		Funding Not Yet Identified	\$

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET





MORGAN ROAD OPERATIONS YARD FACILITY MASTER PLAN—Facilities

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System **Lead Department:** Public Works/Roads and Traffic

Project Number: 2007.036
Preliminary Schedule: 2008-2010
Estimated Project Cost: \$75,000



DESCRIPTION

This project will perform a needs assessment study to determine the needs of the County for staff and construct a building once determination has been made.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ 75,000		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ -	Total County Funding	\$ 75,000
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 75,000	Total Project Funding	\$ 75,000
		Funding Not Yet Identified	\$

BACKGROUND

The Public Works Department is currently disconnected with some staff located in downtown Modesto and the other staff located at the Morgan Road facility. This project will create a central building, at a location to be determined, that will combine all staff into a single building.

CURRENT STATUS

This project may be eligible for the use of Public Facilities Fees funding. The needs assessment is currently being performed under contract by an architecture firm. In the 2009-2010 CIP, project 2007.036 was listed with an estimated project cost of \$17,000,000, which included an estimated cost for the construction of the facility being studied. In the 2010-2011 CIP, the same project has a cost listed at \$75,000, a significant difference of \$16,925,000. This project now only includes the Needs Assessment Study to determine what size facility the Public Works Department would need. The construction portion of the project has been given a separate implementation category of D with a new project number of 2010.014. "D" projects require further analysis to determine the plan concept, estimated cost, and funding plan.

This project has been completed and is pending approval from the Board of Supervisors. It is scheduled to be presented to the Board of Supervisors on July 13, 2010.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



MOTOR GRADER—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.012
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$210,000

DESCRIPTION

This item would purchase one motor grader. Motor graders are used for grading shoulders and other County sites in preparation for construction or for drainage facilities.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 210,000	Total County Funding	\$ 25,200
		State/Federal Funding	\$ 184,800
		OtherGrants	\$ -
		Total Other Funding	\$ 184,800
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 210,000	Total Project Funding	\$ 210,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



MOTOR GRADER—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.013
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$210,000

DESCRIPTION

This item would purchase one motor grader. Motor graders are used for grading shoulders and other county sites in preparation for construction or for drainage facilities.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	-		
Other	\$ 210,000	Total County Funding	\$ 25,200
		State/Federal Funding	\$ 184,800
		OtherGrants	\$ -
		Total Other Funding	\$ 184,800
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 210,000	Total Project Funding	\$ 210,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



ROLL-OFF TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.019
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$210,000

DESCRIPTION

This item will purchase one roll-off truck. Roll-off trucks are used to transfer materials with the ability to remove the storage container from the truck to leave on-site and pick up at a later time.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -	TONDING SOURCES	
,	Ť		
Design	-		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 210,000	Total County Funding	\$ 25,200
		State/Federal Funding	\$ 184,800
		OtherGrants	\$ -
		Total Other Funding	\$ 184,800
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 210,000	Total Project Funding	\$ 210,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



SIGN TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2010.011
Preliminary Schedule: 2011-2013
Estimated Project Cost: \$105,000

DESCRIPTION

This item would purchase one Sign Truck. Sign Trucks are used for installing and maintaining road signs throughout the County at various locations.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 105,000	Total County Funding	\$ 13,650
		State/Federal Funding	\$ 91,350
		OtherGrants	\$
		Total Other Funding	\$ 91,350
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 105,000	Total Project Funding	\$ 105,000
		Funding Not Yet Identified	\$

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



SIGN TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2010.012
Preliminary Schedule: 2011-2013
Estimated Project Cost: \$105,000

DESCRIPTION

This item would purchase one Sign Truck. Sign Trucks are used for installing and maintaining road signs throughout the County at various locations.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 105,000	Total County Funding	\$ 13,650
		State/Federal Funding	\$ 91,350
		OtherGrants	\$ -
		Total Other Funding	\$ 91,350
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 105,000	Total Project Funding	\$ 105,000
·		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



STREET SWEEPER—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.015
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$200,000

DESCRIPTION

This item would purchase one street sweeper. Street Sweepers are used for cleaning dirt and debris off roadways in preparation for road resurfacing projects and for general cleaning.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 200,000	Total County Funding	\$ 24,000
		State/Federal Funding	\$ 176,000
		OtherGrants	\$ -
		Total Other Funding	\$ 176,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 200,000	Total Project Funding	\$ 200,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



SUPERDUMP TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.016
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$200,000

DESCRIPTION

This item will purchase one superdump truck. Superdump trucks are used to transfer materials and are very efficient in doing so.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 200,000	Total County Funding	\$ 24,000
		State/Federal Funding	\$ 176,000
		OtherGrants	\$ -
		Total Other Funding	\$ 176,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 200,000	Total Project Funding	\$ 200,000
		Funding Not Yet Identified	\$

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.



IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



SUPERDUMP TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.017
Preliminary Schedule: 2009-2014
Estimated Project Cost: \$200,000

DESCRIPTION

This item will purchase one superdump truck. Superdump trucks are used to transfer materials and are very efficient in doing so.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 200,000	Total County Funding	\$ 24,000
		State/Federal Funding	\$ 176,000
		OtherGrants	-
		Total Other Funding	\$ 176,000
		Non-County Contribution	-
Total Estimated Project Cost	\$ 200,000	Total Project Funding	\$ 200,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.



IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



TRANSFER TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2010.010
Preliminary Schedule: 20011-2013
Estimated Project Cost: \$200,000

DESCRIPTION

This item will purchase one Transfer Truck. Transfer Trucks are used to transfer materials and are very efficient in doing so.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	-		
Design	-		
Acquisition	-		
Construction	-		
Other	\$ 200,000	Total County Funding	\$ 24,000
		State/Federal Funding	\$ 176,000
		OtherGrants	\$ -
		Total Other Funding	\$ 176,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 200,000	Total Project Funding	\$ 200,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



WATER TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.021
Preliminary Schedule: 2009-2012
Estimated Project Cost: \$200,000

DESCRIPTION

This item would purchase one water truck. Water trucks are used for dust control and road surface cleaning.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 200,000	Total County Funding	\$ 24,000
		State/Federal Funding	\$ 176,000
		OtherGrants	\$ -
		Total Other Funding	\$ 176,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 200,000	Total Project Funding	\$ 200,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



WATER TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.022
Preliminary Schedule: 2009-2012
Estimated Project Cost: \$200,000

DESCRIPTION

This item would purchase one water truck. Water trucks are used for dust control and road surface cleaning.

FOTIMATED DDG IFOT COOTS		ELINDING COLUDODO	
ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 200,000	Total County Funding	\$ 24,000
		State/Federal Funding	\$ 176,000
		OtherGrants	\$ -
		Total Other Funding	\$ 176,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 200,000	Total Project Funding	\$ 200,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



CAPITAL IMPROVEMENT PLAN Proposed



WATER TRUCK—Maintenance

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System
Lead Department: Public Works/Roads and Traffic

Project Number: 2009.023
Preliminary Schedule: 2009-2012
Estimated Project Cost: \$200,000

DESCRIPTION

This item would purchase one water truck. Water trucks are used for dust control and road surface cleaning.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 200,000	Total County Funding	\$ 24,000
		State/Federal Funding	\$ 176,000
		OtherGrants	\$ -
		Total Other Funding	\$ 176,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 200,000	Total Project Funding	\$ 200,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current Roads Division fleet is being replaced to meet new emissions standards by using alternative fuels such as Compressed Natural Gas or Bio-Diesel and through technological upgrades to vehicles.

CURRENT STATUS

This vehicle is planned for future purchase when funds become available.

IMPACT ON THE OPERATING BUDGET



A Well-Planned Infrastructure System



Public Works Transit Projects

CAPITAL IMPROVEMENT PLAN Proposed



BUS FOR COUNTY TRANSIT SERVICE

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: Contractor's yard on Doker Road

Project Number: 2009.006
Preliminary Schedule: 2010-2011
Estimated Project Cost: \$125,000



DESCRIPTION

The project is for the purchase of a dial-a-ride-type 22' bus.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 125,000	Total County Funding	\$ -
		State/Federal Funding	\$ 125,000
		OtherGrants	\$ -
		Total Other Funding	\$ 125,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 125,000	Total Project Funding	\$ 125,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The 22' bus is to replace an existing seven-year-old bus that is being used to provide "tripper" bus service during busy peak and serves as a spare fleet vehicle for other StaRT service. The current bus is past its useful life and needs to be replaced. A new bus will lessen maintenance and will also improve passengers' rides.

CURRENT STATUS

Funding is being sought through the American Recovery and Reinvestment Act (ARRA) with the goal of completing the project in Fiscal Year 2010-2011.

IMPACT ON THE OPERATING BUDGET

There will be on-going maintenance costs of the bus. The appropriate amount of funds will be budgeted annually in the Division's budget.

CAPITAL IMPROVEMENT PLAN

Proposed



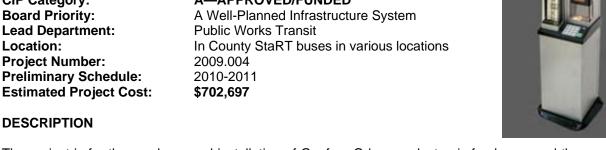
ELECTRONIC FARE BOXES FOR COUNTY BUSES—2010-2011

CIP Category: A—APPROVED/FUNDED

Board Priority:

Location:

Project Number: Preliminary Schedule: 2010-2011 **Estimated Project Cost:** \$702,697



The project is for the purchase and installation of Genfare Odyssey electronic fareboxes and the necessary software and hardware for all of the County's StaRT buses.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$	-	
Design	\$		
Acquisition	\$		
Construction	\$		
Other	\$ 70	2,697 Total County Funding	\$
		State/Federal Funding	\$ 702,697
		OtherGrants	\$
		Total Other Funding	\$ 702,697
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 70	2,697 Total Project Funding	\$ 702,697
		Funding Not Yet Identified	\$

BACKGROUND

The ability to get passengers loaded on the bus is very important for on-time performance for public transit buses. The purchase of electronic fareboxes will make this process quicker and will also enable the County to offer more discount fare media to its customers. The fareboxes will also allow for more accurate ridership data collection.

CURRENT STATUS

Funding is being sought through the American Recovery and Reinvestment Act (ARRA) with the goal of completing the project in Fiscal Year 2010-2011.

IMPACT ON THE OPERATING BUDGET

There will be some on-going costs for the purchase of fare media and maintenance for the fareboxes. The appropriate amount of funds will be budgeted annually in the Division's budget.

CAPITAL IMPROVEMENT PLAN Proposed



PATTERSON TRANSFER CENTER

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit **Location:** City of Patterson

Project Number: 2010.013
Preliminary Schedule: 2010-2011
Estimated Project Cost: \$245,495

DESCRIPTION

This project is the relocation of the downtown Patterson Transfer Center at North Park to Salado Avenue at South Park. The project will involve redesigning an area of South Park and the installation of two bus shelters at the site. The project will also involve the installation of a restroom to serve bus passengers. The project is a coordinated project with the City of Patterson.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	-		
Other	\$ 245,495	Total County Funding	\$ -
		State/Federal Funding	\$ 245,495
		OtherGrants	\$ -
		Total Other Funding	\$ 245,495
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 245,495	Total Project Funding	\$ 245,495
		Funding Not Yet Identified	\$ -

BACKGROUND

The downtown Patterson Transfer Center at Patterson's North Park has served as the transfer location for the County's Stanislaus Regional Transit (StaRT) buses for many years. Currently StaRT Routes 45 and 40 and Patterson and Newman Dial-a-Rides use the location to transfer passengers from one service to another. Space has been limited for multiple buses at the location at the same time.

This project will increase the space for buses to park and transfer passengers and will increase passenger safety getting on and off the buses. The installation of a restroom at South Park by the transfer area will eliminate passengers disturbing nearby business to use their restroom.

CURRENT STATUS

The project is being funded through the State Proposition 1-B program with the goal of completing the project in Fiscal Year 2010-2011.

IMPACT ON THE OPERATING BUDGET

There are no anticipated additional debt service payments, staffing, maintenance and/or operating costs associated with this project.

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CAPITAL IMPROVEMENT PLAN

Proposed



SECURITY CAMERAS & INFORMATION TECHNOLOGY/COUNTY BUSES—2010-2011

CIP Category: A—APPROVED/FUNDED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: In County StaRT buses at various locations

Project Number: 2009.005
Preliminary Schedule: 2010-2011
Estimated Project Cost: \$300,000



DESCRIPTION

The project is for the purchase and installation of a security camera system in all of the County's StaRT buses.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 300,000	Total County Funding	\$
		State/Federal Funding	\$ 300,000
		OtherGrants	\$
		Total Other Funding	\$ 300,000
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 300,000	Total Project Funding	\$ 300,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The current security camera system is past its useful life and needs to be updated and replaced. By installing a new system, it will provide the County and its operator the ability to record and view incidents that may occur on the buses. This will help improve the safety of the passengers and driver. This will also help with the resolution of these incidents and lessen the County liability.

CURRENT STATUS

Funding is being sought through the State Proposition 1-B Homeland Security program with the goal of completing the project in Fiscal Year 2010-2011. The project has been approved by the State but the Division is waiting for the release of the bonds and funds by the State.

IMPACT ON THE OPERATING BUDGET

There will be some on-going costs for the maintenance of the security system. The appropriate amount of funds will be budgeted annually in the Division's budget.

CAPITAL IMPROVEMENT PLAN

Proposed



PURCHASE OF BUS STOP FACILITIES—2010-2011

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: Various locations in the County

Project Number: 2002.263
Preliminary Schedule: 2010-2011
Estimated Project Cost: \$70,000



DESCRIPTION

Purchase of ten bus stop facilities.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 70,000	Total County Funding	\$ -
		State/Federal Funding	\$ 70,000
		OtherGrants	\$ -
		Total Other Funding	\$ 70,000
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 70,000	Total Project Funding	\$ 70,000
		Funding Not Yet Identified	\$ -

BACKGROUND

The Transit Division periodically reviews the need to replace and/or update bus stop facilities. If a need is shown, the Division purchases and installs the needed facilities.

CURRENT STATUS

Funding is being sought through the State Proposition 1-B program with the goal of completing the project in Fiscal Year 2010-2011.

IMPACT ON THE OPERATING BUDGET

The Transit Division uses regional Transportation Development Act funds to maintain the facilities.

CAPITAL IMPROVEMENT PLAN Proposed



INSTALL INFORMATION TECHNOLOGY IN BUSES—2011-2012

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: County StaRT buses at various locations

Project Number: 2006.233
Preliminary Schedule: 2011-2012
Estimated Project Cost: \$650,000



DESCRIPTION

Install new information technology systems in transit buses.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 650,000	Total County Funding	\$
		State/Federal Funding	\$
		OtherGrants	\$ -
		Total Other Funding	\$
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 650,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 650,000

BACKGROUND

To improve the efficiency of services and data collection, the Transit Division monitors the transit information technology available to determine if installation of such technology makes economic and operational sense.

CURRENT STATUS

This request will be studied to determine its funding sources prior to proceeding.

IMPACT ON THE OPERATING BUDGET

To be determined based upon the technology installed.

CAPITAL IMPROVEMENT PLAN Proposed



TURLOCK TRANSFER FACILITY—2011-2012

CIP Category: B—PENDING IMPLEMENTATION
Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location:City of TurlockProject Number:2007.045Preliminary Schedule:2011-2012Estimated Project Cost:\$2,000,000

DESCRIPTION

Partner with the City of Turlock to help fund construction of a transit transfer facility in Turlock.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 2,000,000	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,000,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 2,000,000

BACKGROUND

The County's StaRT buses provide services to Turlock through four fixed routes. Connectivity with the Turlock bus system is important for easy transfers from one system to the other. The development of a Transfer Facility will be a great improvement over the current facility.

CURRENT STATUS

This request will be studied to determine its funding sources prior to proceeding.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



PURCHASE OF BUS STOP FACILITIES—2016-2017

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: Various locations in the County

Project Number: 2002.264
Preliminary Schedule: 2016-2017
Estimated Project Cost: \$80,000



DESCRIPTION

Purchase of bus stop facilities.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 80,000	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 80,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 80,000

BACKGROUND

The Transit Division periodically reviews the need to replace and/or update bus stop facilities. If a need is shown, the Division purchases and installs the needed facilities.

CURRENT STATUS

This request will be studied to determine funding sources prior to proceeding.

IMPACT ON THE OPERATING BUDGET

The Transit Division uses regional Transportation Development Act funds to maintain the facilities.

CAPITAL IMPROVEMENT PLAN Proposed



PURCHASE OF 40 FOOT CNG BUSES—2013-2014

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: The contractor's McDonald Avenue yard

Project Number: 2006.225
Preliminary Schedule: 2013-2014
Estimated Project Cost: \$4,000,000



DESCRIPTION

The project is the purchase of 40' Compressed Natural Gas (CNG) buses.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 4,000,000	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 4,000,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 4,000,000

BACKGROUND

Buses are added to the County's StaRT fleet as needed for service expansion and fleet replacement.

CURRENT STATUS

This request will be studied to determine funding sources prior to proceeding.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



REBUILD 40 FOOT CNG BUS-2020-2021

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: The contractor's McDonald Avenue yard

Project Number:2006.226Preliminary Schedule:2020-2021Estimated Project Cost:\$600,000



DESCRIPTION

Rebuild 40-foot CNG buses.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 600,000	Total County Funding	\$ -
		State/Federal Funding	\$ -
		OtherGrants	\$ -
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 600,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 600,000

BACKGROUND

After about ten years, transit buses' interiors and exteriors need to be updated, including a new paint job, replacement of the interior, engine and drive train, to extend the service life of the buses.

CURRENT STATUS

This request will be studied to determine funding sources prior to proceeding.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



REPLACE 40-FOOT CNG BUSES—2021-2022

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: The contractor's McDonald Avenue yard

Project Number: 2006.229
Preliminary Schedule: 2021-2022
Estimated Project Cost: \$4,000,000



DESCRIPTION

Replace 40-foot CNG buses.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -		
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 4,000,000	Total County Funding	\$
		State/Federal Funding	\$
		OtherGrants	\$
		Total Other Funding	\$
		Non-County Contribution	\$
Total Estimated Project Cost	\$ 4,000,000	Total Project Funding	\$ -
		Funding Not Yet Identified	\$ 4,000,000

BACKGROUND

When a bus is between fifteen and twenty years old, it is time to replace a bus. This project is to replace the original seven County StaRT CNG buses.

CURRENT STATUS

This request will be studied to determine funding sources prior to proceeding.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN

Proposed



REPLACE 40 FOOT CNG BUS-2027-2028

CIP Category: C—FUTURE PROJECT/PLANNED
Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: The contractor's McDonald Avenue yard

Project Number:2006.230Preliminary Schedule:2027-2028Estimated Project Cost:\$2,000,000



DESCRIPTION

Replace 40-foot CNG buses.

ESTIMATED PROJECT COSTS		FL	JNDING SOURCES	
Preliminary	\$	-		
Design	\$	-		
Acquisition	\$			
Construction	\$	-		
Other	\$ 2,	000,000 To	otal County Funding	\$ -
		Sta	ate/Federal Funding	\$ -
		Ot	therGrants	\$ -
		To	otal Other Funding	\$ -
			on-County Contribution	\$ -
Total Estimated Project Cost	\$ 2,	000,000 To	otal Project Funding	\$ -
•		Fu	inding Not Yet Identified	\$ 2,000,000

BACKGROUND

When a bus is between fifteen and twenty years old, it is time to replace a bus. This project is to replace the three County StaRT CNG buses received in Fiscal Year 2008-2009.

CURRENT STATUS

This request will be studied to determine funding sources prior to proceeding.

IMPACT ON THE OPERATING BUDGET

CAPITAL IMPROVEMENT PLAN Proposed



PURCHASE OF BUS STOP FACILITIES—2024-2025

CIP Category: C—FUTURE PROJECT/PLANNED

Board Priority: A Well-Planned Infrastructure System

Lead Department: Public Works Transit

Location: Various locations in the County

Project Number: 2006.231
Preliminary Schedule: 2024-2025
Estimated Project Cost: \$85,000



DESCRIPTION

Purchase of bus stop facilities.

ESTIMATED PROJECT COSTS		FUNDING SOURCES	
Preliminary	\$ -	TONDING SCONCES	
Design	\$ -		
Acquisition	\$ -		
Construction	\$ -		
Other	\$ 85,000	Total County Funding	\$ -
		State/Federal Funding	-
		OtherGrants	-
		Total Other Funding	\$ -
		Non-County Contribution	\$ -
Total Estimated Project Cost	\$ 85,000	Total Project Funding	-
		Funding Not Yet Identified	\$ 85,000

BACKGROUND

The Transit Division periodically reviews the need to replace and/or update bus stop facilities. If a need is shown, the Division purchases and installs the needed facilities.

CURRENT STATUS

This request will be studied to determine funding sources prior to proceeding.

IMPACT ON THE OPERATING BUDGET



A WELL-PLANNED INFRASTRUCTURE SYSTEM

Future Projects--Pending Analysis

ENVIRONMENTAL RESOURCES--LANDFILL 1 PROJECT

Status CIP # Project Name

D 2007.025 Geer Road Transfer Station

PARKS AND RECREATION	15 PROJECTS

Status	CIP#	Project Name
D	2007.061	Parklawn Park ImprovementsPhase II
D	2008.020	Joe Domecq Wilderness Area Center & Camping Development
D	2002.079	New Salida Park Development
D	2002.087	Las Palmas Fishing Access and Riparian Restoration
D	2002.089	Hickman Neighborhood Park Property Acquisition
D	2002.095	Burbank Paradise Park Improvements
D	2002.096	Hatch Park ImprovementsPhase 1
D	2002.099	New South County Regional Park Property Acquisition
D	2002.100	Mono Park Improvements
D	2002.102	Fairview Park Improvements
D	2008.012	Fairview Park Ballfield Improvements
D	2008.015	Leroy Fitzsimmons Memorial Park Playground, Potable Water
D	2008.016	Mono Park Tot Lot Play Area
D	2008.019	Kiwanis Camp Facility Improvements and Rehabilitation
D	2009.033	Laird Park Improvements

PLANNING 1 PROJECT

Status CIP # Project Name

D 2002.004 West Modesto Sewer, Storm Drain, Sidewalk

PUBLIC WORKS ROADS 32 PROJECTS

Status	CIP#	Project Name
D	2008.031	Central Avenue at Keyes Road Traffic Signals
D	2008.028	Claribel Road at Terminal Avenue Traffic Signals
D	2006.076	East Avenue Widening: Daubenberger to Gratton Roads
D	2006.100	Faith Home Road at Keyes Road Traffic Signals
D	2009.025	Geer Road at Tuolumne River (Replacement)

D 2006.066 Faith Home Road Widening: Keyes to Redwood D 2006.063 Golden State Boulevard Widening: Taylor Road to Keyes Road D 2006.072 Hatch Road Widening Phase 2 D 2002.284 Interstate 5 at Sperry Road Interchange	
D 2006.072 Hatch Road Widening Phase 2 D 2002.284 Interstate 5 at Sperry Road Interchange	
D 2002.284 Interstate 5 at Sperry Road Interchange	d
, ,	d
D. 2007 O.A. Karra Dand Wildowin Falls Harra Dand J. 111 1 20	d
D 2006.064 Keyes Road Widening: Faith Home Road to Highway 99	d
D 2006.010 La Grange Road at Tuolumne River Bridge Repair	d
D 2006.113 Orestimba Creek Flood Control	d
D 2006.209 SR 108 Improvements SR 219 (Kiernan Road) to Crane Road	
D 2006.212 SR 108/120 at Atlas Road Traffic Signals	
D 2006.106 SR 108/120 at Dillwood Road Traffic Signals	
D 2006.213 SR 108/120 at Orange Blossom Road Traffic Signals	
D 2006.105 SR 108/120 at Stearns Road Traffic Signals	
D 2006.204 SR 120 Widening San Joaquin County to Valley Home Road	
D 2006.214 SR 132 (Maze Boulevard) at River/Kassin Road Traffic Signals	
D 2006.208 SR 132 (Yosemite Blvd) Widening Geer/Albers Rd to Reinwa	ıy
D 2006.207 SR 132 (Yosemite Blvd) Widening Root Road to Geer Road	
D 2002.236 SR 33 at Crows Landing Road Traffic Signals	
D 2006.206 SR 99 at Faith Home Road Overcrossing Widening	
D 2006.205 SR 99 at Hatch Road Overcrossing Improvements	
D 2006.155 SR 99 at Keyes Road Interchange	
D 2006.098 SR 99 at Keyes Road Traffic Signals	
D 2009.035 Stuhr Road Bicycle Lane	
D 2009.036 Stuhr Road Bridge Widening	
D 2009.037 Stuhr Road Widening	
D 2009.038 West Main St Bridge over San Joaquin River	
D 2009.039 West Main St Widening (Poplar to San Joaquin River)	
D 2010.014 Morgan Operations Facility Phase 1Office Building	

PUBLIC WORKS TRANSIT	3 PROJECTS

Status	CIP#	Project Name
D	2007.046	Multi-Modal Transfer Facility
D	2007.047	Purchase of 40-Foot Buses
D	2007.048	Rebuild CNG Buses

GRAND TOTAL D PROJECTS

52 PROJECTS