

# ***ROAD***      *2003-2007*

# ***IMPROVEMENT***

# ***PROGRAM***



***DEPARTMENT OF PUBLIC WORKS & PLANNING***

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# FRESNO COUNTY 2003 – 2007 ROAD IMPROVEMENT PROGRAM

## INTRODUCTION

The Road Improvement Program (RIP) is a multi-year road maintenance and construction program that provides a “roadmap” of anticipated transportation revenues and expenditures on the Fresno County road system. The RIP reflects the Department’s implementation of the Board of Supervisors’ policy direction to protect and improve the public investment in our 3,608 mile road system, and to provide for the safe and efficient movement of people and commodities throughout the County. The RIP identifies specific projects and maintenance programming levels the Department expects to deliver to the public through 2007. The RIP also includes work efforts to position the County with “shelf-ready” reconstruction projects, as new funds become available in future years.

Recent fluctuations in the State and federal economies, and a dynamically changing transportation funding scene make it more difficult than usual to reasonably project future revenue streams. In addition, several programs will “sunset” (Measure C and HR 2389) or have a temporary funding “gap” (AB 2928/Prop. 42) in 2006/07, without new legislation or voter action. For these reasons, the Department recommends that the RIP extend only through 2006/07, until there is more certainty about the funding stream. This RIP also places the primary emphasis of spending over the next few years on preservation of the road system, and on continuing to use County funds to leverage greater amounts of federal (or State) funding when possible.

This document is intended to be a guide to the Board of Supervisor’s road priorities and the Department’s road program development, based on expected revenues, for the Board of Supervisors, Administrative office, utility companies, business and economic development interests, and the public. Revenues and expenditures are to some extent shown “averaged” over multiple years, while actual revenues and expenditures can fluctuate from year to year, while remaining balanced overall. Rather than a budget document, the RIP should be viewed as a multi-year program document that can self-adjust, using the budget process, to match revenues, and to allow the Board to respond to unforeseen needs or opportunities.

Prepared by the Staff of the  
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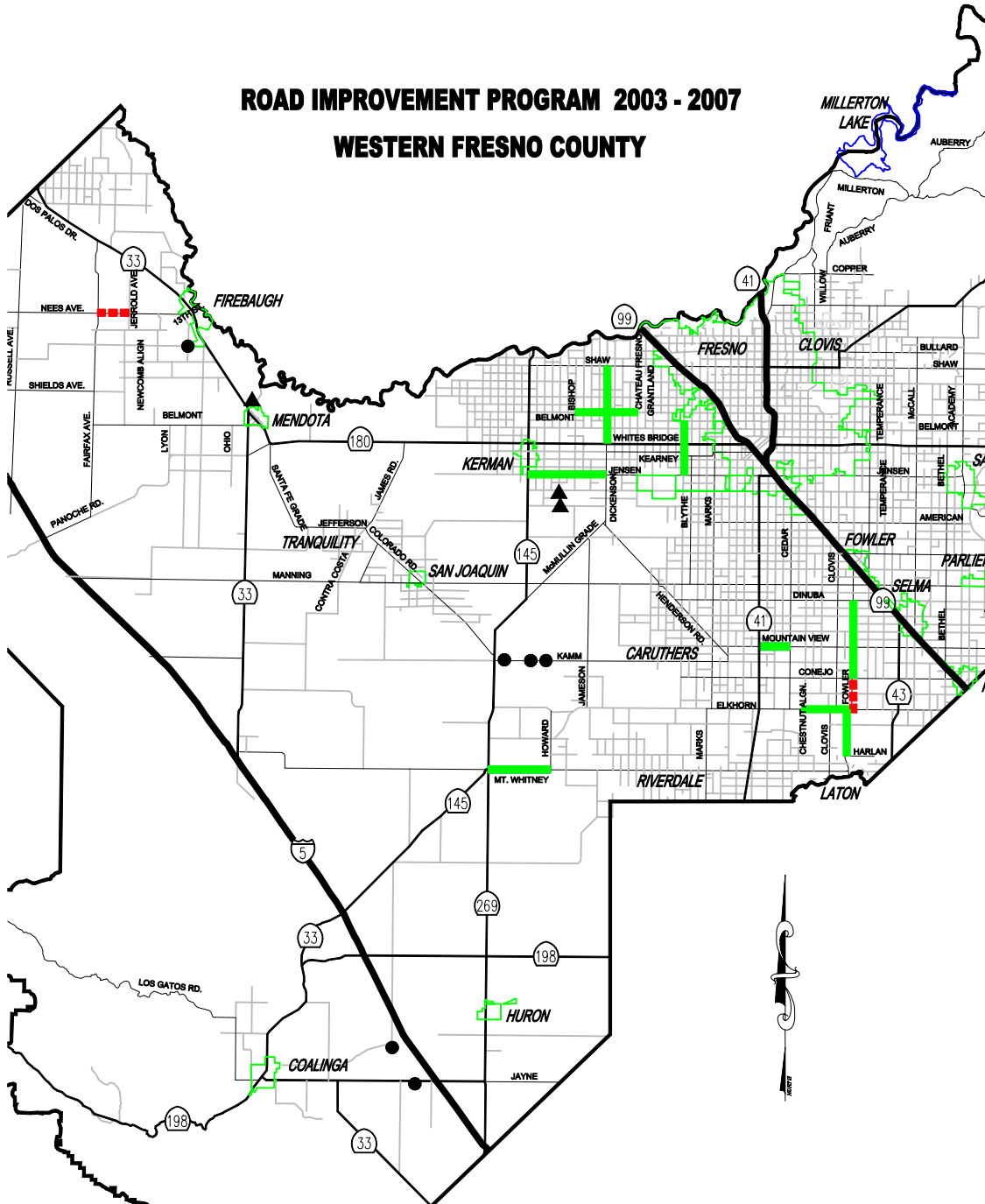
Fresno County Board of Supervisors

Juan Arambula, Chairman	3d District
Susan B. Anderson	2d District
Judy Case	4 <sup>th</sup> District
Phil Larson	1 <sup>st</sup> District
Bob Waterston	5 <sup>th</sup> District

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## ROAD IMPROVEMENT PROGRAM 2003 - 2007 WESTERN FRESNO COUNTY



### FUNDED 2003-2007

- FOWLER AVE. - Harlan to Conejo
- NEES AVE. - Fairfax to Jerrold

### UNFUNDED OR FUTURE

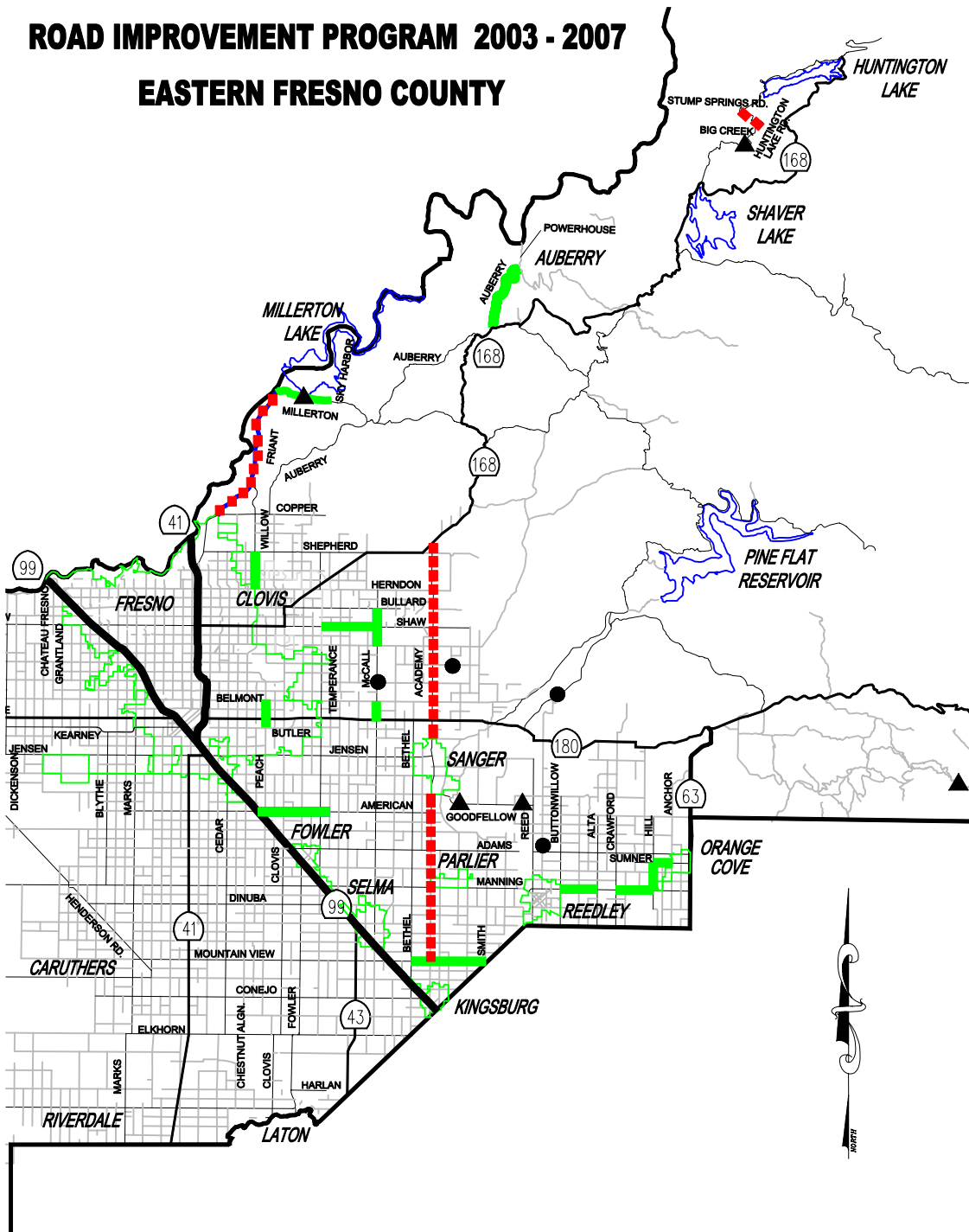
- CORNELIA AVE. - Jensen to Belmont
- DICKENSON AVE. - SR 180 to Shaw
- ELKORN AVE. - Chestnut Align. to Fowler
- FOWLER AVE. - Conejo to Dinuba
- JENSEN AVE. - SH 145 to Dickenson
- MC KINLEY AVE. - Chateau-Fresno to Bishop
- MOUNTAIN VIEW - SH 41 to Cedar
- MOUNT WHITNEY AVE. - Howard to SH 145

### ▲ FEDERAL BRIDGE REPLACEMENT PROJECTS

### ● FEDERAL BRIDGE RAIL REPLACEMENT PROJECTS

# ROAD IMPROVEMENT PROGRAM 2003 - 2007

## EASTERN FRESNO COUNTY



### FUNDED 2003-2007

- ACADEMY AVE. - SR 180 to SR 168
- ACADEMY AVE - Mountain View to SH180
- FRIANT RD. - Millbrook to Millerton
- HUNTINGTON LAKE RD. - Big Creek to Stump Springs Rd.

### UNFUNDED OR FUTURE

- AMERICAN AVE. - SR 99 to Temperance
- AUBERRY RD. - SR 168 to Powerhouse Rd.
- HILL AVE. - Manning to Sumner
- MANNING AVE. - Buttonwillow to Alta
- MANNING AVE. - Crawford to Hill
- MC CALL AVE. - Ashlan to Bullard
- MC CALL AVE. - 180 to Belmont
- MILLERTON RD. Friant Rd. to Sky Harbor
- MOUNTAIN VIEW AVE. - Bethel to Smith
- PEACH AVE. - Butler to Belmont
- SHAW AVE. - Temperance to Mc Call
- SUMNER AVE. - Hill to Anchor
- WILLOW AVE. - Herndon to Shepherd

▲ FEDERAL BRIDGE REPLACEMENT PROJECTS

● FEDERAL BRIDGE RAIL REPLACEMENT PROJECTS

**ROAD IMPROVEMENT PROGRAM 2003-2007**

**ESTIMATED REVENUES**

	2003/04	2004/05	2005/06	2006/07
<b><u>STATE REVENUES</u></b>				
GASOLINE EXCISE TAX 2104	7,200,000	7,340,000	7,490,000	7,640,000
GASOLINE EXCISE TAX 2105	4,900,000	4,998,000	5,098,000	5,200,000
GASOLINE EXCISE TAX 2106	970,000	980,000	990,000	1,000,000
TRANSPORTATION DEVELOPMENT ACT (LTF)				
Article 8, Streets & Roads	2,477,000	2,530,000	2,580,000	2,630,000
Article 3, Pedestrian & Bicycle	89,000	91,000	93,000	95,000
PROPOSITION 42/AB 2928 LOCAL FUNDING (Gas sales tax)	2,250,000	2,250,000	2,250,000	0
AB 2928 TCRP - Friant Road   [\$10 million suspended by State]	0	0	0	0
STATE MATCH	100,000	100,000	100,000	100,000
PUC RR GRADE SEPARATION PROGRAM	250,000	0	0	0
[Reimbursement for UPRR/Chestnut Ave. Grade Separation]				
STATE OTHER: RSTIP MATCH to CMAQ PROJECTS	23,000	100,000	58,000	58,000
<b><u>COUNTY REVENUES</u></b>				
VEHICLE CODE FINES & FORFEITURE	1,021,600	1,021,000	1,021,000	1,021,000
MOTOR VEHICLE LICENSES - IN LIEU TAX	3,912,600	3,912,600	3,912,600	3,912,600
MEASURE C				
Local Transportation Fund	3,200,000	3,330,000	3,460,000	3,600,000
Regional: Academy Avenue Project	7,040,000	7,552,000	13,750,000	2,785,000
		Ends 2006/07		

**ROAD IMPROVEMENT PROGRAM 2003-2007**

**ESTIMATED REVENUES (CON'T.)**

	2003/04	2004/05	2005/06	2006/07
<b><u>FEDERAL REVENUES</u></b>				
<b>TEA-21: SURFACE TRANSPORTATION PROGRAM (RSTP)</b>				
RSTP: LIFELINE [FORMULA ALLOCATION]	1,150,900	1,100,000	1,100,000	1,100,000
RSTP: REGIONAL COMPETITIVE BID	1,000,000	320,000	[no new RSTP programming until 2004]	
<b>TEA-21: CONGESTION MITIGATION &amp; AIR QUALITY (CMAQ)</b>				
CMAQ: LIFELINE [FORMULA ALLOCATION]	796,800	500,000	500,000	500,000
CMAQ: REGIONAL COMPETITIVE BID	404,000	361,700	[no new CMAQ programming until 2004]	
<b>TEA-21: HIGHWAY BRIDGE &amp; BRIDGE RAIL REHAB &amp; REPLACE</b>	2,540,400	1,675,000	1,039,000	1,461,000
<b>TEA-21: EXCHANGE</b>	268,000	268,000	268,000	268,000
<b>TEA-21: HAZARD ELIMINATION / SAFETY (HES)</b>	4,000	340,000	135,000	0
<b>TEA-21: TRANSPORTATION ENHANCEMENT [LEWIS EATON TRAIL]</b>	6,000	0	0	0
<b>FEDERAL FOREST RESERVE (HR 2389)</b> [Ends 2006/07]	1,150,000	1,160,000	1,170,000	1,180,000
<b>130 RAILROAD CROSSING SAFETY IMPROVEMENT PROGRAM</b>	0	135,000	0	0
<b><u>INTEREST &amp; MISC. OTHER</u></b>	861,600	650,000	650,000	650,000
<b>FRIANT ROAD RESERVE</b>				
4510 Reserve	2,790,000			
Other Reserve	1,250,000			
<b>BIKE/PEDESTRIAN (ARTICLE III) CARRYOVER</b>	210,000			
Anticipated carryover (previous year)		40,000	(6,000)	(16,000)
<b>TOTAL ROADS REVENUES</b>	<b>45,865,000</b>	<b>40,754,000</b>	<b>45,659,000</b>	<b>33,185,000</b>
<b>OTHER 4510 NON-ROADS REVENUES</b>	2,059,100	2,300,000	2,300,000	2,300,000
(REIMBURSED ENGINEERING & DESIGN SERVICES TO OTHER DEPARTMENTS)				
<b>TOTAL 4510 BUDGET REVENUES</b>	<b>47,924,100</b>	<b>43,054,000</b>	<b>47,959,000</b>	<b>35,485,000</b>

**ROAD IMPROVEMENT PROGRAM 2003-2007**

**ESTIMATED EXPENDITURES**

	2003/04	2004/05	2005/06	2006/07
<b><u>ROAD CONSTRUCTION</u></b>				
COUNTY ROAD RECONSTRUCTION PROJECTS	9,765,000			
[Project design, pending TEA-3 or other new funding]		200,000	200,000	200,000
FEDERAL BRIDGE & BRIDGE RAIL REPLACEMENT	4,025,000	1,040,000	1,080,000	2,000,000
TRAFFIC SIGNAL, INTERSECTION, & SAFETY IMPROVEMENTS	570,000	655,000	450,000	500,000
BICYCLE OR PEDESTRIAN FACILITIES	90,000	445,000	245,000	245,000
ACADEMY AVENUE (MEASURE C REGIONAL PROJECT)	1,880,000	5,220,000	14,480,000	3,940,000
RIGHT OF WAY ACQUISITION	615,000	4,300,000	190,000	[not identified]
<b>ROAD CONSTRUCTION SUBTOTAL</b>	<b>16,945,000</b>	<b>11,860,000</b>	<b>16,645,000</b>	<b>6,885,000</b>
<b><u>ROAD MAINTENANCE</u></b>				
GENERAL & SPECIFIC MAINTENANCE & DAY LABOR REHABILITATION (LOCAL ROAD FUNDING)	13,600,000	13,600,000	13,600,000	NO AB 2928: 13,300,000
TRAFFIC SIGNS, STRIPING, AND SIGNAL MAINTENANCE	1,300,000	1,300,000	1,300,000	1,300,000
PREVENTIVE MAINTENANCE CONTRACTS				
Asphalt Concrete Overlays	2,750,000	2,750,000	2,750,000	1,400,000
Ashpalt Concrete Maintenance Overlays	1,980,000	1,980,000	1,980,000	1,100,000
Seal Coats	1,100,000	1,100,000	1,100,000	800,000
Federal STP Asphalt Concrete Overlays	1,430,000	1,430,000	1,430,000	1,400,000
Pavement Milling & Concrete Improvements	120,000	120,000	120,000	120,000
CMAQ (LIFELINE) PROJECTS - PM-10 SHOULDER STABILIZATION	600,000	500,000	500,000	500,000
<b>ROAD MAINTENANCE SUBTOTAL</b>	<b>22,880,000</b>	<b>22,780,000</b>	<b>22,780,000</b>	<b>19,920,000</b>



**ROAD IMPROVEMENT PROGRAM 2003-2007**

**ESTIMATED EXPENDITURES (CON'T)**

	2003/04	2004/05	2005/06	2006/07
<b><u>ADMINISTRATION &amp; ENGINEERING</u></b>				
ADMINISTRATION & SUPPORT SERVICES	2,700,000	2,750,000	2,810,000	2,870,000
GENERAL ENGINEERING	3,300,000	3,370,000	3,440,000	3,510,000
<b>ADMINISTRATION &amp; ENGINEERING SUBTOTAL</b>	<b>6,000,000</b>	<b>6,120,000</b>	<b>6,250,000</b>	<b>6,380,000</b>

**SUMMARY REVENUES & EXPENDITURES FOR FRESNO COUNTY ROADS**

	2003/04	2004/05	2005/06	2006/07
ADMINISTRATION & ENGINEERING SUBTOTAL	6,000,000	6,120,000	6,250,000	6,380,000
ROAD CONSTRUCTION SUBTOTAL	16,945,000	11,860,000	16,645,000	6,885,000
ROAD MAINTENANCE SUBTOTAL	22,880,000	22,780,000	22,780,000	19,920,000
<b>TOTAL ROAD EXPENDITURES</b>	<b>45,825,000</b>	<b>40,760,000</b>	<b>45,675,000</b>	<b>33,185,000</b>
SERVICE TO OTHER DEPARTMENTS (NON-ROADS)	2,059,000	2,300,000	2,300,000	2,300,000
<b>TOTAL 4510 EXPENDITURES</b>	<b>47,884,000</b>	<b>43,060,000</b>	<b>47,975,000</b>	<b>35,485,000</b>
<b>[TOTAL 4510 REVENUES, FROM PRIOR SHEET]</b>	<b>47,924,100</b>	<b>43,054,000</b>	<b>47,959,000</b>	<b>35,485,000</b>
<b>CUMULATIVE BALANCE</b> (included in following year revenue total & carried forward)	<b>40,000</b>	<b>-6,000</b>	<b>-16,000</b>	<b>0</b>

**ROAD IMPROVEMENT PROGRAM 2003-2007**

**PROJECT DETAIL**

		2003/04	2004/05	2005/06	2006/07
<b><u>ROAD RECONSTRUCTION PROJECTS</u></b>					
Fowler Avenue, Harlan to Conejo	5.0 mi.	2,900,000			
Friant Road, Millbrook to Millerton Road 4 lane divided roadway	8.0 mi.	4,000,000	[Assumes State TCRP funds to complete]		15,900,000
Nees Avenue Rehabilitation Fairfax to Jerrold	2.0 mi.	800,000			
<b><u>FEDERAL BRIDGE REPLACEMENT PROJECTS</u></b>					
Balsam Creek Bridge on Huntington Lake Road		1,095,000			
Dry Creek Canal on Howard Ave. .17 s/o North Ave.		234,000			
Dry Creek Canal on Howard Ave. .8 mi. s/o North Ave.		139,500			
Little Dry Creek on Millerton Road			260,000		
Outside Main Canal on Bass Ave. 1.3 mi. ne/o SR 33				455,000	
Mill Creek on Dunlap Road e/o Orchard Road		516,000			
Kings River Slough (Byrd Slough) on Goodfellow Ave.		603,000			
Kings River on Goodfellow Ave. e/o McDonough Ave.			[PE/Design only]		4,000,000
Other locations to be determined (from State deficiency list)					800,000
<b><u>FEDERAL BRIDGE RAIL REPLACEMENT PROJECTS</u></b>					
Friant/Kern Canal on Piedra Road		251,000			
Fresno Slough on Kamm Ave. 1.9 mi e/o Lassen Ave.		195,000			
Fresno Slough Bypass on Kamm Ave. 2.1 mi. e/o Lassen		185,000			
Fancher Creek on Shields Avenue		118,000			
Travers Creek on Dinuba Avenue			110,000		
Wahtoke Creek on Frankwood Avenue			210,000		
Zapato Creek on Jayne Avenue			219,000		
Delta Mendota Canal at Washoe Avenue				120,000	
Redbank Slough on McCall Ave. .5 mi. s/o Dakota Ave.				73,000	
Los Gatos Creek on El Dorado Ave. 2 mi. n/o Jayne Ave.				265,000	
Other locations to be determined					500,000

**ROAD IMPROVEMENT PROGRAM 2003-2007**

**PROJECT DETAIL**

	2003/04	2004/05	2005/06	2006/07
<b><u>TRAFFIC SIGNAL &amp; INTERSECTION IMPROVEMENTS</u></b>				
Mt. Whitney & SR 41 Signal (50% County share)	106,000			
McCall & Shaw Signal		200,000		
McCall at California Alignment RR xing improvements	150,000			
Auberry & Millerton Rd. (W) Left Turn Lane [HES]		84,200		
Millerton Road & Table Mountain Left Turn Land [HES]		218,400		
Annadale 600' w/o McDonough headwall relocation [HES]			120,000	
Academy & Belmont Signal [CMAQ]	216,000			
Other locations to be determined			200,000	350,000
<b><u>BICYCLE &amp; PEDESTRIAN PROJECTS</u></b>				
Auberry Bicycle Lanes [CMAQ funded] 1.7 mi.		340,000		
Eaton Trail Extension [TEA funded] [Note: may be withdrawn per San Joaquin River Parkway & Conservancy request]				
Other locations to be determined [includes maintenance]	90,000		200,000	200,000
<b><u>MEASURE C REGIONAL PROJECT</u></b>				
Academy, SR 180 to SR 168 9.5 mi.	1,559,600			
Academy, Mt.View Ave. to SR180 10.0 mi.		4,000,000	12,260,000	2,235,000
<b><u>FEDERAL PUBLIC LANDS HIGHWAYS - FOREST HIGHWAY</u></b>				
Huntington Lake Road (FH 195, Big Creek Road) Big Creek to Stump Springs Road 1.4 mi. (FHWA lead Agency; USFS Responsible Agency; County Partnership through Cooperative Agreement)	5,000,000		[ Federal PLH Funds]	
Hume Lake Road (FH 219) State Route 180 to Hume Lake 3.2 mi.		Candidate PLH Project	[Federal PLH funds]	9,500,000

**ROAD IMPROVEMENT PROGRAM 2003-2007**

**PROJECT DETAIL**

	2003/04	2004/05	2005/06	2006/07
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**OTHER TCRP SPECIAL FUNDED PROJECTS**

Completion on schedule below depends on availability of State TCRP funds, at risk due to State budget crisis

Peach Avenue, Butler to Belmont 4 lane divided roadway (City of Fresno Lead Agency; County Partnership through Cooperative Agreement)	1.5 mi.	10,000,000	[ 100% TCRP Funds ]	
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**TWO-LANE RECONSTRUCTION PROJECTS: RECOMMENDED CANDIDATES**

Not currently funded; preliminary work recommended to prepare for possible programming with regional or other new funding

Jensen Avenue, SR 145 to Dickenson	5.0 mi.		2,450,000
Auberry Road, SR 168 to Powerhouse Rd	2.8 mi.		3,400,000
Manning Avenue, Crawford to Hill	2.0 mi.		1,200,000
Mountain View Avenue, Elm to Cedar	2.0 mi.		1,200,000

**FOUR-LANE WIDENING & RECONSTRUCTION PROJECTS: RECOMMENDED REGIONAL CANDIDATES**

Mountain View Avenue, Bethel to Smith (Tulare Co. line) 4 lane divided roadway	4.0 mi.		5,500,000
Manning Avenue, Buttonwillow to Alta 4 lane divided roadway	2.0 mi.		3,700,000
Millerton Road, Friant Road to Sky Harbour 4 lane divided roadway	4.4 mi.		9,000,000

**URBAN WIDENING PROJECTS PARTIALLY IN COUNTY: RECOMMEND SUPPORT AS REGIONAL CANDIDATES OF OTHER AGENCIES**

Shaw Avenue, Temperance to McCall	3.0 mi.		4,040,000
Willow Avenue, Herndon to Shepherd	2.0 mi.		

**ROAD IMPROVEMENT PROGRAM 2003-2007**

**PROJECT DETAIL**

	2003/04	2004/05	2005/06	2006/07
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**TWO-LANE RECONSTRUCTION PROJECTS: UNFUNDED FUTURE CANDIDATE PROJECTS**

Cornelia Avenue, Jensen to Belmont	2.0 mi.			1,700,000
Fowler Avenue, Conejo to Dinuba	5.0 mi.			2,450,000
McCall Avenue, Ashlan to Bullard	2.0 mi.			1,200,000
McCall Avenue, SR 180 to Belmont	1.0 mi.			600,000
McKinley - Chateau Fresno to Bishop	4.3 mi.			2,280,000
American Avenue, SR 99 to Temperance	3.0 mi.			2,130,000
Sumner - Hill to Anchor	1.0 mi.			570,000
Elkhorn - Chestnut Alignment to Fowler	3.0 mi.			1,710,000
Hill Avenue, Manning to Sumner	1.5 mi.			900,000
Dickenson - SR 180 to Shaw	5.0 mi.			2,850,000

**PRIOR CANDIDATES: DEFER PROGRAMMING PENDING COMPLETION OF CALTRANS STUDIES OR IMPROVEMENTS**

Belmont - 1 mi w/o Ohio to Lyon	3.0 mi.	[Caltrans SR 180 Extension Corridor candidate - defer pending Caltrans Study]
Belmont - Newcomb to Fairfax	3.0 mi.	[Caltrans SR 180 Extension Corridor candidate - defer pending Caltrans Study]

Projects will not be constructed without available revenue. If funding is not available a project's schedule will advance to future fiscal years or next RIP.