

Appendix E

Candidate Operational Improvement Projects

Appendix E: Candidate Operational Improvement Projects

Project Type	Jurisdiction	Location	Project Limits	Description	Total Project Cost	Total Local Funding	Total StanCOG Funding Requested
NON-EXEMPT							
Operational	Modesto	7th Street	7th Street Bridge Rehabilitation	Bridge rehabilitation	\$ 15,000,000.00	\$ 3,000,000.00	\$ 12,000,000.00
Operational	Riverbank	California	Claus to Eleanor	Widen to 2 lanes (urban)	\$ 963,400.00	\$	\$ 963,400.00
Operational	Hughson	Charles Street	Charles Street at Canal	Canal Crossing at Charles Avenue	\$ 250,000.00	\$	\$ 250,000.00
Operational	Riverbank	Clarbelt	500'w/o Oakdale to 500'e/o Roselle	Reconstruct to 5 lanes with a center turn lane	\$ 3,147,740.00	\$ 3,147,740.00	\$
Operational	Turlock	Fulkherth Rd at SR99	Fulkherth Rd at SR99	Reconstruct interchange	\$ 4,613,631.09	\$ 4,613,631.09	\$
Operational	Modesto	Intersection Upgrade - College - North of Bowen	College - North of Bowen	Intersection Upgrade - La Loma/Miller - Left turn lane, south to east.			
Operational	Modesto	Intersection Upgrade - La Loma/Miller	La Loma/Miller	Add Second Receiving Lane on Miller			
Operational	Riverbank	Jackson/Morrill	Jackson/Morrill Bridge	Bridge Widening	\$ 220,000.00	\$	\$ 220,000.00
Operational	Modesto	Kansas Avenue	Emerald to 8th	Reconstruct	\$ 722,000.00	\$	\$ 722,000.00
Operational	Riverbank	Oakdale/Morrill	Oakdale/Morrill Bridge	Bridge Widening	\$ 220,000.00	\$ 220,000.00	\$
Operational	Riverbank	Oakdale/Patterson (108) Intersection - LOH	Oakdale/Patterson Intersection	Intersection Improvements	\$	\$ 800,000.00	\$
Operational	Riverbank	Patterson (108)/Calendar Y	Patterson/Calendar	Intersection Improvements	\$ 800,000.00	\$	\$
Operational	Modesto	Pelandale/McHenry	Pelandale/McHenry	Construct and Improve Intersection, pavement widening and transitions			
Operational	Riverbank	Roselle	160's/o Turpin to 100'h/o Morrill	Reconstruct to include center lane (3 lanes)	\$ 674,941.00	\$ 674,941.00	\$
Operational	Riverbank	Roselle	500' s/o Patterson to 160's/o Turpin	Reconstruct to include center lane (3 lanes)	\$ 317,692.00	\$ 317,692.00	\$
Operational	Riverbank	Santa Fe	Claus to Eleanor	Widen to 2 lanes (urban)	\$ 963,000.00	\$ 963,000.00	\$
Operational	Hughson	Santa Fe Avenue	Cul-de-sac Third Street	End 3rd Street in cul-de-sac, eliminate Santa Fe connection.	\$ 135,000.00	\$	\$ 135,000.00
Operational	Riverbank	Shedigar Avenue	north of Patterson to Santa Fe Springs	Widen to 2 lanes (urban)	\$ 136,200.00	\$	\$ 136,200.00
Operational	Turlock	Taylor Road	SR 99 to Washington Boulevard	Expansion of the existing 2-lane Road to a 4 Lane Arterial	\$ 352,922.52	\$ 352,922.52	\$
Operational	Turlock	Tuolumne/Golden State	Tuolumne and Golden State Blvd	Reconstruct intersection and Signalization	\$ 1,220,637.93	\$ 1,220,637.93	\$
				TOTAL NON-EXEMPT OPERATIONAL PROJECTS	\$ 29,717,164.54	\$ 16,263,964.54	\$ 13,463,200.00
EXEMPT							
Operational	Modesto	9th Street Bridge Replacement	9th Street Bridge Replacement	Reconstruct	\$ 16,560,000.00	\$	\$ 16,560,000.00
Operational	Modesto	Coldwell Avenue	Coldwell Avenue	Reconstruct Coldwell from Tully to 9th, and overlay or reconstruct a small section of northbound 9th St.	\$ 412,000.00	\$	\$ 412,000.00
Operational	Newman	Del Puerto and E Street	Del Puerto and E Street	Construct roundabout	\$ 200,000.00	\$ 180,000.00	\$ 20,000.00
Operational	Patterson	Hoyer	Upper/Hoyo/'T' Intersection	Channelization	\$	\$	\$
Operational	Riverbank	Oakdale	Hwy 33 to First Street	Realignment	\$ 145,030.00	\$ 101,521.00	\$ 43,509.00
Operational	Patterson	Patterson and Third Street	Patterson and Third Street	Construct curb, gutter, etc.	\$ 165,000.00	\$ 15,000.00	\$ 150,000.00
Operational	Riverbank	Patterson Road	Patterson at RR	RR Crossing Improvements	\$ 2,565,000.00	\$	\$ 2,565,000.00
Operational	Riverbank	Railroad Crossing	Clarbelt at Terminal	Install Crossing Arms	\$ 270,000.00	\$ 270,000.00	\$
Operational	Riverbank	Railroad Crossing	Patterson at Eighth	Install Crossing Arms	\$ 243,000.00	\$ 243,000.00	\$
Operational	Riverbank	Railroad Crossing	Patterson at Third	Install Crossing Arms	\$ 270,000.00	\$ 270,000.00	\$
Operational	Patterson	Salado and N. 5th Street	Salado and N. 5th Street	Construct roundabout	\$ 290,000.00	\$ 290,000.00	\$
Operational	Riverbank	SR 108 & Claus	SR 108 & Claus	Add traffic signal	\$	\$	\$
Operational	Riverbank	Townsend/Claus	Townsend/Claus RR	RR Crossing improvements	\$	\$	\$
Operational	Riverbank	Townsend/Terminal	Townsend/Terminal RR	RR Crossing improvements	\$	\$	\$
Widening	County	Bangs	American to Carver	Widen from rural 2 lanes to urban 2 lane- include curb and gutter	\$ 254,000.00	\$ 254,000.00	\$
Widening	County	Bangs	Dale to American	Widen from rural 2 lanes to urban 2 lanes	\$ 74,000.00	\$ 74,000.00	\$
Widening	County	Carver	Pelandale to Bangs	Widen to from 2 lane rural to urban 2 lanes	\$ 57,000.00	\$ 57,000.00	\$

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Intersection	Modesto	Salado and N. 6th Street	Salado and N. 6th Street	Construct roundabout				
Intersection	Modesto	Santa Fe/Third	Santa Fe/Third	Construct roundabout				
Widening	Modesto	Snyder - (Opposite Frontage)		Widen from 2 lanes rural to 2 lanes urban	\$ 504,000.00	\$ 504,000.00		
Widening	Patterson	Alley		Landscaping and pave alley				
New Construction	Hughson	Hughson		Curb, gutter and sidewalk	\$ 1,500,000.00	\$ 1,500,000.00		
New Construction	Riverbank	Santa Fe Street		Curb, gutter and sidewalk	\$ 1,000,000.00	\$ 1,000,000.00		
New Construction	Newman	Yolo Street		Curb, gutter, sidewalk and bike lane	\$ 355,000.00	\$ 355,000.00		
SIGNAL								
Signal Modification/ Addition	Ceres	Crows Landing Road		Signal Modification/Addition	\$ 150,000.00	\$ 150,000.00	\$ 17,250.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 125,000.00	\$ 112,500.00	\$ 12,500.00	
Signal Modification/ Addition	Ceres	Morgan Road		Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres	Central Avenue		Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres	Mitchell Road		Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres	Faith Home Road		Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres	Hatch Road		Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres	Whitmore Avenue		Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres	Service Road		Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres			Signal Modification/Addition	\$ 150,000.00	\$ 135,000.00	\$ 15,000.00	
Signal Modification/ Addition	Ceres	Grayson Road		Signal Modification/Addition	\$ 120,000.00	\$ 108,000.00	\$ 12,000.00	
Signal Modification/ Addition	County			Intercity	\$ 120,000.00	\$ 90,000.00	\$ 30,000.00	
Signal Modification/ Addition	County			Intercity	\$ 120,000.00	\$ 90,000.00	\$ 30,000.00	
Signal Modification/ Addition	County	Albers Road		Intercity	\$ 120,000.00	\$ 90,000.00	\$ 30,000.00	
Signal Modification/ Addition	County			Intercity	\$ 60,000.00	\$ 45,000.00	\$ 15,000.00	
TOTAL EXEMPT OPERATIONAL PROJECTS								
					\$ 22,009,030.00	\$ 4,054,021.00	\$ 17,955,009.00	

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Signal Modification/ Addition	County	SR108	Alias/SR 108/120	Intercty	\$	60,000.00	\$	45,000.00	\$	15,000.00
Signal Modification/ Addition	County		Carpenter/West Main	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County	Carpenter Road	Carpenter/Crows Landing	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Carpenter/Grayson	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Carpenter/Keyes	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Central/West Main	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County	SR108	Coffee/SR 108	Intercty	\$	60,000.00	\$	45,000.00	\$	15,000.00
Signal Modification/ Addition	County	Crows Landing Road	Crows Landing/Grayson	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Crows Landing/Keyes	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Crows Landing/West Main	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Dillwood/SR 108/120	Intercty	\$	60,000.00	\$	45,000.00	\$	15,000.00
Signal Modification/ Addition	County	Faith Home Road	Faith Home/West Main	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Faith Home/Keyes	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Geer/Hatch	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Geer/Keyes	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County	Geer Road	Geer/Santa Fe	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Geer/Service	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Geer/Whitmore	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Hatch/Morgan/Herdon	Intercty	\$	360,000.00	\$	270,000.00	\$	90,000.00
Signal Modification/ Addition	County	McHenry Ave.	McHenry/Ladd	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County	SR108	Orange Blossom/SR 108/120	Intercty	\$	60,000.00	\$	45,000.00	\$	15,000.00
Signal Modification/ Addition	County	Santa Fe Avenue	Santa Fe/East	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Santa Fe/Hatch	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Santa Fe/Keyes	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County		Santa Fe/Service	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County	Keirnan Ave.	Stoddard/Keirnan	Intercty	\$	60,000.00	\$	45,000.00	\$	15,000.00
Signal Modification/ Addition	County	SR 33	SR 33/Crows Landing	Intercty	\$	60,000.00	\$	45,000.00	\$	15,000.00
Signal Modification/ Addition	County	SR 132W	SR 132/River	Intercty	\$	60,000.00	\$	45,000.00	\$	15,000.00
Signal Modification/ Addition	County	SR 99	SR 99/Keyes ramps (2xings)	Intercty	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County	Geer Road	Geer/Taylor	City/County	\$	125,000.00	\$	93,750.00	\$	31,250.00
Signal Modification/ Addition	County	G.S.	Golden State/Keyes	City/County	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County	Monte Vista	Lester/Main/Monte Vista	City/County	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	County	SR 108/120	Stearns/SR 108/120	City/County	\$	60,000.00	\$	45,000.00	\$	15,000.00
Signal Modification/ Addition	County	Santa Fe Avenue	Santa Fe/Main	City/County	\$	120,000.00	\$	90,000.00	\$	30,000.00
Signal Modification/ Addition	Modesto	Hatch Road	Hatch/Dallas	A new traffic signal to be placed at the intersection of Hatch/Dallas	\$	158,000.00	\$	-	\$	158,000.00

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Signal Modification/ Addition	Modesto	Coffee Road	Coffee/Mable	A new traffic signal to be placed at the intersection of Coffee/Mable	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Standford Avenue	Standford/Shawnee	A new traffic signal to be placed at the intersection of Standford/Shawnee	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Oakdale Road	Oakdale/Mable	A new traffic signal to be placed at the intersection of Oakdale/Mable	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Hatch Road	Hatch/Ustick	A new traffic signal to be placed at the intersection of Hatch/Ustick	\$	130,000.00	\$	15,000.00	\$	115,000.00
Signal Modification/ Addition	Modesto	Roselle Avenue	Roselle/Floyd	A new traffic signal to be placed at the intersection of Roselle/Floyd	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Modesto	Crows Landing Road	Crows Landing/Imperial	A new traffic signal to be placed at the intersection of Crows Landing/Imperial	\$	140,000.00	\$	17,000.00	\$	123,000.00
Signal Modification/ Addition	Modesto	SR 132/ Yosemite Blvd	Yosemite/McClure	A new traffic signal to be placed at the intersection of Yosemite/McClure	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Oakdale Road	Oakdale/Manor Oak	A new traffic signal to be placed at the intersection of Oakdale/Manor Oak	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Coffee Road	Coffee/Athens	A new traffic signal to be placed at the intersection of Coffee/Athens	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Roselle Avenue	Roselle/Merle	A new traffic signal to be placed at the intersection of Roselle/Merle	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Standford Avenue	Standford/Columbine	A new traffic signal to be placed at the intersection of Standford/Columbine	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Standford Avenue	Standford/Hahn	A new traffic signal to be placed at the intersection of Standford/Hahn	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Crows Landing Road	Crows Landing/Glenn	A new traffic signal to be placed at the intersection of Crows Landing/Glenn	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	SR132/ Yosemite Blvd	Yosemite/Morton	A new traffic signal to be placed at the intersection of Yosemite/Morton	\$	130,000.00	\$	40,000.00	\$	90,000.00
Signal Modification/ Addition	Modesto	Carpenter Road	Carpenter/North Ninth	A new traffic signal to be placed at the intersection of Carpenter/North Ninth	\$	140,000.00	\$	140,000.00	\$	-
Signal Modification/ Addition	Modesto	Tully Road	Tully/Princeton	A new traffic signal to be placed at the intersection of Tully/Princeton	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Modesto	Paradise Road	Paradise/Sutter/MLK	Installation of protected left-turn arrows on the Paradise Road/Sutter/Martin Luther King intersection	\$	61,000.00	\$	-	\$	61,000.00
Signal Modification/ Addition	Modesto	11th Street	11th/K	Modify existing 11th/K traffic signal to provide pedestrian indications and loop detection	\$	55,000.00	\$	7,000.00	\$	48,000.00
Signal Modification/ Addition	Modesto	College Avenue	College/Stoddard	Modify existing College/Stoddard traffic signal to provide pedestrian indications and loop detection	\$	55,000.00	\$	7,000.00	\$	48,000.00
Signal Modification/ Addition	Modesto	Various New Locations I	Various New Locations I	Modifications at various locations includes: Loop detectors, pedestrian push buttons, pedestrian indications, addition of protected left-turn arrows, etc. Some locations are along Tully Road.	\$	920,000.00	\$	920,000.00	\$	-

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New Construction									
Signal Modification/ Addition	Modesto	Various New Locations II	Modifications at various locations includes: Signal phasing, signal indications, detector equipment, new poles etc. Necessary to accommodate additional traffic generated by new development.	\$ 7,292,000.00	\$ 7,292,000.00				
Signal Modification/ Addition	Modesto	11th Street	Installation of new conduits, rewiring the signal, and adding pedestrian push buttons and pedestrian heads	\$ 55,000.00	\$ 7,000.00	\$ 48,000.00			
Signal Modification/ Addition	Modesto	10th Street	Installation of new conduits, rewiring the signal, and adding pedestrian push buttons and pedestrian heads	\$ 55,000.00	\$ 7,000.00	\$ 48,000.00			
Signal Modification/ Addition	Modesto	9th Street	Installation of new conduits, rewiring the signal, and adding pedestrian push buttons and pedestrian heads	\$ 55,000.00	\$ 55,000.00				
Signal Modification/ Addition	Modesto	EI/Vista Avenue	Installation of protected/permissive left-turn indications at Encina/EI Vista. New traffic signal poles will be installed and loop detection.	\$ 54,000.00	\$ 54,000.00				
Signal Modification/ Addition	Modesto	Standford Avenue	Installation of protected/permissive left-turn indications on Standford.	\$ 55,000.00	\$ 55,000.00				
Signal Modification/ Addition	Modesto	Tully/Rumble	Installation of protected/permissive left-turn indications at Tully/Rumble intersection.	\$ 55,000.00	\$ 55,000.00				
Signal Modification/ Addition	Modesto	Tully/Bowen	Installation of protected/permissive left-turn indications at Tully/Bowen intersection.	\$ 65,000.00	\$ 65,000.00				
Signal Modification/ Addition	Modesto	College Avenue	Installation of protected/permissive left-turn indications at College/Roseburg intersection.	\$ 55,000.00	\$ 55,000.00				
Signal Modification/ Addition	Modesto	Needham Street	Modification of Needham/L, Needham/K intersections to provide pedestrian indications and loop detection.	\$ 111,000.00	\$ 14,000.00	\$ 97,000.00			
Signal Modification/ Addition	Modesto	College Avenue	Installation of protected/permissive left-turn indications at College/Granger intersection.	\$ 55,000.00	\$ 55,000.00				
Signal Modification/ Addition	Modesto	10th Street	Provide pedestrian indication and push buttons with detector loops for side street.	\$ 25,000.00	\$ 25,000.00				
Signal Modification/ Addition	Modesto	12th Street	Provide pedestrian indication and push buttons with detector loops for side street.	\$ 24,000.00	\$ 24,000.00				
Signal Modification/ Addition	Modesto	14th Street	Provide pedestrian indication and push buttons with detector loops for side street.	\$ 25,000.00	\$ 25,000.00				
Signal Modification/ Addition	Modesto	11th Street	Provide pedestrian indication and push buttons with detector loops for side street.	\$ 25,000.00	\$ 25,000.00				
Signal Modification/ Addition	Modesto	EI/Vista Avenue	Provide protective permissive phasing for EI Vista motorist.	\$ 65,000.00	\$ 65,000.00				
Traffic Signal Coordination	Modesto	Citywide	Extend existing ATMS/CCTV infrastructure.	\$ 1,950,000.00	\$ 510,000.00	\$ 1,440,000.00			
Traffic Signal Coordination	Modesto	ATMS Move	Move all of the Advanced Traffic Management System equipment from City Hall to new offices on 10th street.	\$ 50,000.00	\$ 50,000.00				
Traffic Signal Coordination	Modesto	Citywide	Modesto ATMS (1 Year)	\$ 125,000.00	\$ -	\$ 125,000.00			

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Citywide	Ceres Citywide	Ceres ATMS (2 years)	\$	46,000.00	\$	46,000.00	\$	747,000.00	\$	46,000.00
Traffic Signal Coordination	Citywide	Reimaging Traffic Signals	\$	906,000.00	\$	906,000.00	\$	747,000.00	\$	159,000.00
Traffic Signal Coordination	Citywide	CCTV Phase III to help monitor traffic patterns and optimize signal coordination.	\$	340,000.00	\$	340,000.00	\$	39,000.00	\$	301,000.00
Signal Modification/ Addition	Kiernan Avenue	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Pirrone/Ladd	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Stoddard/Ladd	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Dale/Ladd	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Pirrone/Pirrone	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Siski/Pirrone	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Stoddard/Pirrone	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Dale/Pirrone	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Hammett/Kiernan	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Dale/Kiernan	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Prescott/Kiernan	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Tully/Kiernan	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Salida/Pelandale	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Prescott/Pelandale	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Tully/Pelandale	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Coffee/Claratina	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Oakdale/Claratina	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Roselle/Claratina	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Morse/Brink	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Morse/Blue Gum	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Carpenter/California	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Carpenter/Hatch	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Carpenter/Whitmore	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Garner/Finch	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Beckwith Road	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Dakota/Beckwith	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Roselle/Claribel	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Sylvan Avenue	New Traffic Signals - Major-Major Intersections	\$	150,000.00	\$	150,000.00	\$	150,000.00	\$	-
Signal Modification/ Addition	Carpenter Road	New Traffic Signals - Major-Collector Intersections	\$	130,000.00	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Beckwith Road	New Traffic Signals - Major-Collector Intersections	\$	130,000.00	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Pelandale Avenue	New Traffic Signals - Major-Collector Intersections	\$	130,000.00	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Dale Road	New Traffic Signals - Major-Collector Intersections	\$	130,000.00	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Prescott Road	New Traffic Signals - Major-Collector Intersections	\$	130,000.00	\$	130,000.00	\$	130,000.00	\$	-
Signal Modification/ Addition	Kiernan Avenue	New Traffic Signals - Major-Collector Intersections	\$	130,000.00	\$	130,000.00	\$	130,000.00	\$	-

Appendix E: Candidate Operational Improvement Projects

Signal Modification/ Addition	Modesto	NEW/REB/AVENUE	Carver/future rd south of Kiernan	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Tully Road	Tully/future rd south of Kiernan	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Kiernan Avenue	McHenry/future rd south of Kiernan	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto		Coffee/future rd south of Kiernan	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Claribel road	Oakdale/future rd south of Kiernan	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Roselle Avenue	Terminal/Claribel	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Pelandale Avenue	Roselle/Plainview	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Snyder Road	Bluebird/Pelandale	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto		Prescott/Snyder	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Claratina Avenue	Tully/Snyder	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Prescott Road	Roselle/future rd south of Claratina	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Standford Ave.	Prescott/Cheyenne	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Tully Road	Longbridge/Standford	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Standford Ave.	Tully/Union	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Coffee Road	Winegarder/Standford	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Oakdale Road	Sherwood/Standford	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Sylvan Avenue	Coffee/Sylvan Meadows	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Claus Road	future road east of Oakdale/Sylvan	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Oakdale Road	Oakdale/Bridgewood	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Floyd Avenue	Litt/Sylvan	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	College Ave.	Claus/Santa Fe	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	College Ave.	Oakdale/future rd north of Floyd	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Lakewood Ave.	Lincoln Oak/Floyd	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Rosemore Ave.	Roselle/future rd north of Floyd	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Morse Road	College/Bowen	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Rosemore Ave.	Lakewood/Orangeburg	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Scenic Drive	Rosemore/Blue Gum	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Coffee Road	Coffee/Brighton	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Morse Road	College/Princeton	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Morse Road	Morse/Woodland	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Rosemore Ave.	Rosemore/Woodland	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Coffee Road	Lakewood/Scenic	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Morse Road	Coffee/East Morris	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Rosemore Ave.	Morse/Kansas	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Rosemore Ave.	Rosemore/Kansas	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	El Vista Avenue	El Vista/West Edgebrook	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-

Appendix E: Candidate Operational Improvement Projects

Signal Modification/ Addition	Modesto	SantaFe Ave.	Parker/Santa Fe	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Crows Landing Road	Crows Landing/Wimmoore	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Tully Road	Tully/Stoddard	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	11th Street	11th/M	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Paradise Road	Harris/Paradise/Beverly/ Wade	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Carpenter Road	Carpenter/Beverly	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Bangs Avenue	BangsDale	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto		Bangs/Prescott	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto		Bangs/Tully	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Oakdale Road	Bangs/Carver	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Carpenter Road	Oakdale/Surrey	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto		Carpenter/Torrid	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Mariposa Road	Carpenter/Robertson	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Prescott Road	Mariposa/Finch	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Morse Road	Prescott/Sheldon	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Claus Road	Morse/North	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Orangeburg Avenue	Claus/Merle	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto		Enslent/Orangeburg	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Kiernan Avenue	Florida/Orangeburg	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Toomes Road	Toomes/Kiernan	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Murphy Road	Toomes/Murphy	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Beckwith Road	New Road/Murphy	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Murphy Road	New Road/Beckwith	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Dakota Avenue	Murphy/Salida	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Dale Road	Dakota/Brink	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Morgan Road	Dale/Konynenburg	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	SR132E/ Yosemite Blvd.	Morgan/Whitmore	New Traffic Signals - Major Collector Intersections	\$	130,000.00	\$	130,000.00	-
Signal Modification/ Addition	Modesto	Morse Road	McClure/Yosemite	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-
Signal Modification/ Addition	Modesto	Pelandale Ave.	Morse/Shoemaker	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-
Signal Modification/ Addition	Modesto	Dale Road	Sisk/Pelandale	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-
Signal Modification/ Addition	Modesto	Standford Avenue	Dale/Snyder	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-
Signal Modification/ Addition	Modesto		Prescott/Standford	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-
Signal Modification/ Addition	Modesto	McHenry Avenue	Tully/Standford	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-
Signal Modification/ Addition	Modesto		McHenry/Standford	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-
Signal Modification/ Addition	Modesto	Dragoo Park/Sylvan	McHenry/Union	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-
Signal Modification/ Addition	Modesto		Traffic Signal Modifications - High Cost	Traffic Signal Modifications - High Cost	\$	110,000.00	\$	110,000.00	-

Appendix E: Candidate Operational Improvement Projects

Signal Modification/ Addition	Modesto	9th Street	9th/G	Traffic Signal Modifications - Low Cost	\$	55,000.00	\$	55,000.00	\$	55,000.00	\$
Signal Modification/ Addition	Modesto	9th Street	9th/H	Traffic Signal Modifications - Low Cost	\$	55,000.00	\$	55,000.00	\$	55,000.00	\$
Signal Modification/ Addition	Modesto	9th Street	9th/I	Traffic Signal Modifications - Low Cost	\$	55,000.00	\$	55,000.00	\$	55,000.00	\$
Signal Modification/ Addition	Modesto	9th Street	9th/K	Traffic Signal Modifications - Low Cost	\$	55,000.00	\$	55,000.00	\$	55,000.00	\$
Signal Modification/ Addition	Oakdale	Patterson Ave.	Crane at Patterson	Signal Modification/Addition	\$	200,000.00	\$	180,000.00	\$	20,000.00	\$
Signal Modification/ Addition	Oakdale	Yosemite Avenue	Yosemite at J Street	Signal Modification/Addition	\$	350,000.00	\$	315,000.00	\$	35,000.00	\$
Signal Modification/ Addition	Oakdale	Orsi Road	Yosemite at Valley Home	Signal Modification/Addition	\$	200,000.00	\$	180,000.00	\$	20,000.00	\$
Signal Modification/ Addition	Oakdale	Orsi Road	Orsi at A Street	Future signal out there, may be on River Bluff or C St. and Orsi	\$	200,000.00	\$	180,000.00	\$	20,000.00	\$
Signal Modification/ Addition	Oakdale	SR 108/ F Street	Orsi at F Street	Signal Modification/Addition	\$	350,000.00	\$	315,000.00	\$	35,000.00	\$
Signal Modification/ Addition	Oakdale	Yosemite Avenue	F Street at Crane	Signal Modification/Addition	\$	350,000.00	\$	315,000.00	\$	35,000.00	\$
Signal Modification/ Addition	Oakdale	Orsi Road	Yosemite at Greger	Signal Modification/Addition	\$	200,000.00	\$	180,000.00	\$	20,000.00	\$
Signal Modification/ Addition	Oakdale	Orsi Road	Orsi at J Street	Signal Modification/Addition	\$	200,000.00	\$	180,000.00	\$	20,000.00	\$
Signal Modification/ Addition	Oakdale	Crane Road	Crane at Greger	Signal Modification/Addition	\$	200,000.00	\$	180,000.00	\$	20,000.00	\$
Signal Modification/ Addition	Oakdale	Citywide	7 various locations	Signal Modification/Addition	\$	1,050,000.00	\$	945,000.00	\$	105,000.00	\$
Signal Modification/ Addition	Patterson	Hwy 33	Hwy 33 and M Street intersection	Signalization Project at Hwy 33 and M Street intersection	\$	120,000.00	\$	13,200.00	\$	106,800.00	\$
Signal Modification/ Addition	Patterson	Hwy 33	Hwy 33 and Sperry intersection	Signalization Project at Hwy 33 and Sperry intersection	\$	120,000.00	\$	13,200.00	\$	106,800.00	\$
Signal Modification/ Addition	Patterson	Ward Avenue	Ward Avenue and M Street intersection	Signalization Project at Ward and M Street	\$	120,000.00	\$	13,200.00	\$	106,800.00	\$
Signal Modification/ Addition	Patterson	Sperry road	Sperry @ Las Palmas	Signalization Project - Sperry @ Las Palmas	\$	130,000.00	\$	14,300.00	\$	115,700.00	\$
Signal Modification/ Addition	Patterson	Sperry road	Sperry @ Baldwin	Signalization Project - Sperry @ Baldwin	\$	130,000.00	\$	14,300.00	\$	115,700.00	\$
Signal Modification/ Addition	Patterson	Sperry road	Sperry @ American Eagle	Signalization Project - Sperry @ American Eagle	\$	130,000.00	\$	130,000.00	\$	-	\$
Signal Modification/ Addition	Riverbank	SR 108	108 & Estelle	Traffic Signal	\$	405,270.00	\$	60,000.00	\$	345,266.00	\$
Signal Modification/ Addition	Riverbank	Oakdale Road	Oakdale/Morrill	Traffic Signal	\$	200,000.00	\$	200,000.00	\$	-	\$
Signal Modification/ Addition	Riverbank	Claribel Road	Claribel at Roselle	Traffic Signal	\$	200,000.00	\$	200,000.00	\$	-	\$
Signal Modification/ Addition	Riverbank	SR108	SR 108 at Claus	Signal Modification	\$	337,500.00	\$	236,250.00	\$	101,250.00	\$
Signal Modification/ Addition	Riverbank	SR108	SR 108 at Patterson Y'	Signal Modification	\$	472,500.00	\$	330,750.00	\$	141,750.00	\$
Signal Modification/ Addition	Riverbank	Patterson Ave.	Patterson at Roselle	Signal Modification	\$	637,500.00	\$	637,500.00	\$	-	\$
Signal Modification/ Addition	Riverbank	Patterson Ave.	Patterson at Terminal	Signal Modification	\$	337,500.00	\$	337,500.00	\$	-	\$
Signal Modification/ Addition	Riverbank	Claribel Road	Claribel at Terminal	Signal Modification	\$	202,500.00	\$	141,750.00	\$	60,750.00	\$
Signal Modification/ Addition	Riverbank	SR108	SR 108 at Jackson	Signal Modification	\$	337,500.00	\$	337,500.00	\$	-	\$
Signal Modification/ Addition	Riverbank	Crawford Road	Oakdale at Crawford	Signal Modification	\$	270,000.00	\$	270,000.00	\$	-	\$
Signal Modification/ Addition	Riverbank	Patterson Ave.	Roselle at Crawford	Signal Modification	\$	270,000.00	\$	270,000.00	\$	-	\$
Signal Modification/ Addition	Riverbank	Patterson Ave.	Patterson at Eleanor	Signal Modification	\$	270,000.00	\$	270,000.00	\$	-	\$
Signal Modification/ Addition	Riverbank	Claus Road	Claus at Sierra	Signal Modification	\$	202,500.00	\$	141,750.00	\$	60,750.00	\$
Signal Modification/ Addition	Riverbank	Claus Road	Claus at California	Signal Modification	\$	202,500.00	\$	141,750.00	\$	60,750.00	\$
Signal Modification/ Addition	Riverbank	Claus Road	Claus at Kentucky	Signal Modification	\$	202,500.00	\$	141,750.00	\$	60,750.00	\$

Appendix E: Candidate Operational Improvement Projects

Signal Modification/ Addition	Riverbank	Roselle Avenue	Roselle at Morrill	Signal Modification	\$	202,500.00	\$	202,500.00	-
Signal Modification/ Addition	Riverbank	Claus Road	Claus at Terminal	Signal Modification	\$	202,500.00	\$	202,500.00	-
Major Street Improvements	Turlock	G.S.	Tuolumne and Golden State Blvd	Reconstruction of the Intersection and Signalization	\$	1,220,640.00	\$	1,220,640.00	-
Signal Modification/ Addition	Turlock	SR 165/ Lander Avenue	Lander at F Street	Signalization of the Intersection	\$	200,000.00	\$	200,000.00	-
Signal Modification/ Addition	Turlock		Lander at South Street	Signalization of the Intersection	\$	200,000.00	\$	200,000.00	-
Signal Modification/ Addition	Turlock	G.S.	Golden State at F St.	Signalization of the Intersection	\$	200,000.00	\$	200,000.00	-
Signal Modification/ Addition	Turlock		Golden State at Linwood (They will meet in the future)	Signalization of the Intersection & Construction	-	-	-	-	-
Major Street Improvements	Turlock	Fulkerth Road	Fulkerth Rd at Dianne Dr.	Reconstruction of the Intersection and Signalization	\$	500,000.00	\$	500,000.00	-
Signal Modification/ Addition	Turlock	Geer Road	Geer Road at Hawkeye	Signal Modification	\$	200,000.00	\$	200,000.00	-
Signal Modification/ Addition	Turlock	Tuolumne Road	Tuolumne Rd at Berkeley Ave.	Signalization of the Intersection	\$	200,000.00	\$	200,000.00	-
Signal Modification/ Addition	Turlock	G.S.	Golden State Blvd at Hawkeye	Signalization Modification	\$	182,874.00	\$	182,874.00	-
Signal Modification/ Addition	Turlock	Del's Lane	Del's Lane at Hawkeye	Signalization of the Intersection	\$	200,000.00	\$	200,000.00	-
Signal Modification/ Addition	Turlock	Monte Vista Avenue	Monte Vista Ave. at Countryside Ave.	Signalization of the Intersection	\$	22,370.00	\$	22,370.00	-
Major Street Improvements	Turlock		Monte Vista Ave. at Golden State Blvd.	Reconstruction of the Intersection and Signalization	\$	2,031.00	\$	2,031.00	-
Signal Modification/ Addition	Turlock	Tuolumne Road	Tuolumne Rd. at Countryside Ave.	Signalization of the Intersection	\$	17,840.00	\$	17,840.00	-
Signal Modification/ Addition	Turlock	G.S.	Christoffersen Pkwy at Golden State Blvd.	Reconstruction of the Intersection and Signalization	\$	612,960.00	\$	612,960.00	-
Signal Modification/ Addition	Turlock	Countryside Avenue	Countryside Ave. at Shetland Way	Signalization of the Intersection	\$	33,260.00	\$	33,260.00	-
Signal Modification/ Addition	Turlock		Countryside Ave. at Fulkerth Ave	Signal Modification	\$	51,870.00	\$	51,870.00	-
Signal Modification/ Addition	Turlock	Fulkerth Road	Tully Rd. at Fulkerth Ave.	Signal Modification	\$	46,830.00	\$	46,830.00	-
Signal Modification/ Addition	Waterford	SR 132	F Street at Hwy 132	Signalization of the F Street and Hwy 132 Intersection	\$	200,450.00	\$	40,089.00	160,366.00

TOTAL SIGNAL PROJECTS \$ 62,174,895 \$ 55,969,064 \$ 6,205,822

TOTAL - EXEMPT PROJECTS \$ 84,183,925 \$ 60,023,085 \$ 24,160,831

TOTAL EXEMPT & NON-EXEMPT PROJECTS \$ 113,901,090 \$ 76,287,050 \$ 37,624,031

Appendix F
Candidate Intelligent Transportation Systems
Projects

Appendix F: Candidate Intelligent Transportation System Projects

1.0 TRAFFIC/FREEWAY MANAGEMENT SYSTEMS (ATMS)			
1.1ST	MODESTO/CERES ATMS COMPLETION	STANISLAUS COUNTY CITY OF MODESTO CITY OF CERES DISTRICT 10	
1.2ST	MODESTO-CERES URBAN AREA TRAFFIC SIGNAL INTERCONNECT AND COORDINATION PROJECT	CITY OF MODESTO CITY OF CERES STANISLAUS COUNTY	\$ 3,000,000.00
1.3ST	INTEGRATED SMART CORRIDORS	CITY OF MODESTO CITY OF CERES STANISLAUS COUNTY CALTRANS DISTRICT 10	\$ 3,500,000.00
1.4ST	ADVANCED RAILROAD HIGHWAY INTERFACE TECHNOLOGY DEPLOYMENT SR 132 IR/RIS	STANISLAUS COUNTY CITY OF MODESTO CITY OF CERES CALTRANS DISTRICT 10 STANCOG	\$ 750,000.00
1.5ST	RED LIGHT RUNNING/PHOTO ENFORCEMENT	CITY OF MODESTO CITY OF CERES	\$ 160,000.00
1.6ST	TOS AND COMMUNICATIONS GAP CLOSURE PROJECT	STANISLAUS COUNTY CITY OF MODESTO CITY OF CERES DISTRICT 10	
1.1.7ST	INTEGRATED SURVEILLANCE STATIONS/SMART CALL BOX DEPLOYMENT (REGIONAL)	STANISLAUS COUNTY CITY OF MODESTO CITY OF CERES DISTRICT 10	
1.8ST	COMMUNICATIONS INTERTIE PROJECT BETWEEN MODESTO AND CERES, COUNTY, AND CALTRANS	STANISLAUS COUNTY CITY OF MODESTO CITY OF CERES DISTRICT 10	
2.0 INCIDENT MANAGEMENT/EMERGENCY SERVICES			
2.1ST	INCIDENT MANAGEMENT TASK FORCE / TEAM	StanCOG, CHP, Caltrans, with heavy involvement from all other emergency service agencies.	\$ 150,000.00
2.2ST	EVP DEPLOYMENTS	City of Modesto	\$ 2,500,000.00
2.3ST	ALTERNATE ROUTE SIGNING	STANISLAUS COUNTY CITY OF MODESTO CITY OF MERCED	\$ 3,000,000.00
2.4ST	REMOTE SURVEILLANCE AND INCIDENT SCENE MANAGEMENT PROJECT	STANISLAUS COUNTY CITY OF MODESTO CITY OF MERCED	\$ 400,000.00
2.5ST	INTEGRATION OF COMMUNICATIONS CHANNELS PROJECT	STANCOG	\$ 500,000.00

Appendix F: Candidate Intelligent Transportation System Projects

3.0 TRANSIT SYSTEMS			
3.1ST	MODESTO TRANSIT AVL / SILENT ALARM	Modesto Area Express	\$ 650,000.00
3.2ST	TRANSIT MANAGEMENT SYSTEM (TRMS) COMPLETION PROJECT	Modesto Area Express	\$ 2,000,000.00
3.3ST	COMMON/STANDARD REGIONAL COUNTY MAP PROJECT	StanCOG STANISLAUS COUNTY	\$ 400,000.00
3.4ST	DEMAND- RESPONSIVE TRANSIT SYSTEM INTEGRATION STUDY	StanCOG	\$ 1,200,000.00
3.5ST	COMMON ELECTRONIC FARE PAYMENT SYSTEM	Modesto Area Express (MAX)	\$ 4,000,000.00
3.6ST	STANISLAUS COUNTY NEXT BUS ARRIVAL SIGNS	Modesto Area Express (MAX)	\$ 800,000.00
3.7ST	COMBINED TRANSIT OPERATIONS/DISPAT CH CENTER PROJECT	Modesto Area Express (MAX)	\$ 6,000,000.00
4.0 TRANSPORTATION USER INFORMATION SYSTEMS			
4.1ST	MODESTO/CERES TRAVELER INFORMATION SYSTEM	STANISLAUS COUNTY CITY OF MODESTO CITY OF CERES	\$ 200,000.00
5.0 REGIONAL ITS CONFIGURATION MANAGEMENT/COORDINATION/PLANNING			
5.1ST	DATA EXCHANGE NETWORK (DEN)/ COMMUNICATIONS INTERTIES	VALLEYWIDE THROUGH REGIONAL TMC'S CITY OF MODESTO CITY OF CERES STANISLAUS COUNTY CALTRANS DISTRICT 10	\$ 200,000.00
TOTAL PROJECT COST			\$ 29,410,000.00

Appendix G

Candidate Bikeway Projects

Appendix G: Candidate Bikeway Projects

EXEMPT BIKEWAYS

Project Type	Location	Project Limits	Description	Total Project Cost Low	Total Project Cost High
Bikeway	SR 33	through Patterson	Signage/stripping	\$ 8,500.00	\$ 8,500.00
Bikeway	SR 33	through Newman	Signage/stripping or widening	\$ 5,000.00	\$ 100,000.00
Bikeway	SR-108	Topeka to First Street	Signage/stripping	\$ 1,200.00	\$ 1,200.00
Bikeway	SR-108	Seventh St to Willowood	Signage/stripping	\$ 7,000.00	\$ 7,000.00
Bikeway	SR 108	Willowood Street to Third Avenue	Signage/stripping	\$ 7,000.00	\$ 7,000.00
Bikeway	SR 108	East Avenue to e/o Maag Street	Signage/stripping or widening	\$ 3,000.00	\$ 60,000.00
Bikeway	SR 108	Oakdale Road to Topeka Street	Signage/stripping or widening	\$ 7,000.00	\$ 140,000.00
Bikeway	SR 108	Briggsmore Avenue to Coralwood Road	Signage/stripping or widening	\$ 8,500.00	\$ 140,000.00
Bikeway	SR 108	Coralwood Road to SR 219	Signage/stripping or widening	\$ 5,500.00	\$ 110,000.00
Bikeway	SR 108	Orangeburg Avenue to Briggsmore	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	SR 108	Maynell Avenue to Orangeburg Avenue	Signage/stripping or widening	\$ 4,500.00	\$ 90,000.00
Bikeway	SR 108	Downey Avenue to Maynell Avenue	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	SR 108/120	5th Avenue to East Avenue	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	SR-108/120	Williams to Tuolumne County	Signage/stripping	\$ 1,400.00	\$ 1,400.00
Bikeway	SR 120	Oakdale limit to SR-108	Signage/stripping or widening	\$ 4,000.00	\$ 80,000.00
Bikeway	SR 120	Yosemite Boulevard to East Avenue	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	SR-120	San Joaquin County to Oakdale limit	Signage/stripping	\$ 8,400.00	\$ 8,400.00
Bikeway	SR 132	Frazine Road to I Street	Signage/stripping	\$ 1,400.00	\$ 1,400.00
Bikeway	SR 132	Carpenter Road to Paradise Road	Signage/stripping	\$ 14,000.00	\$ 14,000.00
Bikeway	SR 132	Emerald Avenue to Carpenter Road	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	SR 132	La Loma to Frazine	Signage/stripping	\$ 13,000.00	\$ 13,000.00
Bikeway	SR 132	La Loma to Groveland	Signage/stripping	\$ 4,000.00	\$ 4,000.00
Bikeway	SR 132	Martin Luther King, Jr. to Emerald Avenue	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	SR 132	I Street to Geer-Albers Road	Signage/stripping or widening	\$ 12,500.00	\$ 250,000.00
Bikeway	SR 165	Glenwood Avenue to West Main Street	Signage/stripping or widening	\$ 9,000.00	\$ 180,000.00
Bikeway	SR 165	E. Glenwood to Merced County	Signage/stripping	\$ 600.00	\$ 600.00
Bikeway	SR 33	Newman limit to Merced County line	Widening	\$ 10,000.00	\$ 10,000.00
Bikeway	SR 33	Newman to Patterson	Widening	\$ 1,230,000.00	\$ 1,230,000.00
Bikeway	SR 33	Patterson to San Joaquin County line	Widening	\$ 1,350,000.00	\$ 1,350,000.00
Bikeway	SR 108	SR 219 to Ladd Road	Widening	\$ 160,000.00	\$ 160,000.00
Bikeway	SR 108	e/o Maag Street to Williams Road	Widening	\$ 1,110,000.00	\$ 1,110,000.00
Bikeway	SR 132	1/2 mile e/ Basso bridge to La Grange Road	Widening	\$ 190,000.00	\$ 190,000.00
Bikeway	SR 132	1/4 mile e/ Basso bridge to 1/2 mile e/Basso bridge	Widening	\$ 30,000.00	\$ 30,000.00
Bikeway	SR 132	15649 Yosemite to 1/4 mile e/	Widening	\$ 20,000.00	\$ 20,000.00
Bikeway	SR 132	Albers Road to Oakdale/Waterford Highway	Widening	\$ 500,000.00	\$ 500,000.00
Bikeway	SR 132	North Appling Road to Skyline Boulevard	Widening	\$ 70,000.00	\$ 70,000.00
Bikeway	SR 132	Skyline Boulevard to 400' e/o Hazeldean	Widening	\$ 280,000.00	\$ 280,000.00
Bikeway	SR 132	400' e/ Hazeldean Road to 1/4 mile e/ Basso bridge	Widening	\$ 1,160,000.00	\$ 1,160,000.00
Bikeway	SR 132	LaGrange Road to Tuolumne County line	Widening	\$ 530,000.00	\$ 530,000.00
Bikeway	SR 132	H to J Streets	Widening		
Bikeway	SR 165	Castor	Widening		
Bikeway	SR 219	e/o Tunson Road	Widening		
Bikeway	14th Street	D Street to H Street	Signage/stripping or widening	\$ 1,500.00	\$ 30,000.00
Bikeway	1st Street	G St to Paradise	Signage/stripping or widening	\$ 500.00	\$ 10,000.00
Bikeway	9th Street	G St to Needham	Signage/stripping or widening	\$ 4,000.00	\$ 80,000.00
Bikeway	9th Street	Tully to Coldwell	Signage/stripping	\$ 800.00	\$ 800.00
Bikeway	9th Street/Golden State	Keyes Road to Nunes	Signage/stripping	\$ 600.00	\$ 600.00
Bikeway	26-Mile Road	SR-120 to Dorsey	Signage/stripping	\$ 26,500.00	\$ 26,500.00
Bikeway	5th Avenue	SR-108 to Sierra Road	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	7th Street	H Street to B Street	Signage/stripping	\$ 2,500.00	\$ 2,500.00
Bikeway	Albers Road	Patterson Road to s Oakdale limit	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	Albers Road	Patterson to Modesto Irrigation District Main	Signage/stripping	\$ 11,600.00	\$ 11,600.00
Bikeway	Albers Road	Modesto Irrigation District Main to Yosemite	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	Briggsmore Avenue	McHenry to Held	Signage/stripping	\$ 8,400.00	\$ 8,400.00
Bikeway	Briggsmore Avenue	McHenry to Prescott	Signage/stripping	\$ 9,000.00	\$ 9,000.00
Bikeway	Brink Avenue	Collegiate to North Avenue	Signage/stripping	\$ 1,800.00	\$ 1,800.00
Bikeway	Burney Street	G Street to 19th Street	Signage/stripping	\$ 500.00	\$ 500.00
Bikeway	Burney Street	19th Street to Scenic Drive	Signage/stripping or widening	\$ 500.00	\$ 10,000.00
Bikeway	Bystrum Road	Latimer to Joyce	Signage/stripping	\$ 3,000.00	\$ 3,000.00
Bikeway	Carpenter Road	Maze to Blue Gum	Signage/stripping or widening	\$ 7,000.00	\$ 140,000.00
Bikeway	Claus Road	Scenic to Briggsmore	Signage/stripping	\$ 3,000.00	\$ 60,000.00
Bikeway	Claus Road	Briggsmore to Townsend	Signage/stripping	\$ 7,800.00	\$ 7,800.00
Bikeway	Claus Road	California to Townsend	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	Claus Road	Patterson to California	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	Claus Road	Scenic to SR-132	Signage/stripping	\$ 2,600.00	\$ 2,600.00
Bikeway	Claus Road	SR-108 to Patterson	Signage/stripping	\$ 600.00	\$ 600.00
Bikeway	Crows Landing Road	Armstrong to Marshall	Signage/stripping	\$ 3,600.00	\$ 3,600.00
Bikeway	Crows Landing Road	Marshall to West Main	Signage/stripping	\$ 11,000.00	\$ 11,000.00
Bikeway	Crows Landing Road	Service Road to Whitmore Avenue	Signage/stripping	\$ 4,500.00	\$ 4,500.00
Bikeway	Crows Landing Road	Whitmore Avenue to s/o SR 99	Signage/stripping or widening	\$ 36,500.00	\$ 730,000.00
Bikeway	Dale Road	Standiford to Snyder	Signage/stripping or widening	\$ 3,500.00	\$ 70,000.00
Bikeway	El Camino Avenue	Whitmore Avenue to Service	Signage/stripping	\$ 6,500.00	\$ 6,500.00
Bikeway	F Street	SR 132 to Dorsey Street	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	F Street	First Street to Waterford city limit	Signage/stripping	\$ 2,000.00	\$ 2,000.00

Appendix G: Candidate Bikeway Projects

Bikeway	F Street	Dorsey Street to First Street	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	G Street	1st to 9th	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	G Street	9th to Burney	Signage/stripping or widening	\$ 3,000.00	\$ 60,000.00
Bikeway	Geer Road	Canal to Monte Vista	Signage/stripping or widening	\$ 7,000.00	\$ 140,000.00
Bikeway	Geer Road	SR 132 to Hatch Road	Signage/stripping	\$ 3,600.00	\$ 3,600.00
Bikeway	Golden State Boulevard	Fulkerth to Canal	Signage/stripping or widening	\$ 3,500.00	\$ 70,000.00
Bikeway	Golden State Boulevard	Patchett's Ford to Zeering	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	Gratton Road	Monte Vista to Whitmore Avenue	Signage/stripping	\$ 25,000.00	\$ 25,000.00
Bikeway	H Street	9th to 1st	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	H Street	Burney to 9th	Signage/stripping or widening	\$ 3,500.00	\$ 70,000.00
Bikeway	Herndon Road	Joyce to Whitmore Avenue	Signage/stripping or widening	\$ 7,000.00	\$ 140,000.00
Bikeway	Joyce Road	Bystrum to Herndon	Signage/stripping	\$ 5,000.00	\$ 5,000.00
Bikeway	LaGrange Road	Cooperstown Road to SR-132	Signage/stripping	\$ 3,200.00	\$ 3,200.00
Bikeway	Lakewood Drive	300' n/o Scenic Drive to Middleboro	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	Lakewood Drive	Middleboro to 150' s/o Laramie	Signage/stripping or widening	\$ 500.00	\$ 10,000.00
Bikeway	La Loma Avenue	roundabout to SR 132	Signage/stripping or widening	\$ 5,000.00	\$ 100,000.00
Bikeway	Lakewood Drive	Scenic to 300' n/o Scenic	Signage/stripping	\$ 500.00	\$ 500.00
Bikeway	Lakewood Drive	150' s/o Laramie to Briggsmore	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	Linwood Avenue	Golf to 200' e/o English	Signage/stripping or widening	\$ 2,000.00	\$ 40,000.00
Bikeway	Mitchell Road	Hatch to Tenaya	Signage/stripping or widening	\$ 9,500.00	\$ 190,000.00
Bikeway	Mitchell Road	Service Road to Hatch Road	Signage/stripping	\$ 10,000.00	\$ 10,000.00
Bikeway	MLK, Jr., Drive	Paradise to SR 132/Maze	Signage/stripping or widening	\$ 3,500.00	\$ 70,000.00
Bikeway	Montpelier Road (Hickman Road)	Yosemite to Delaware	Signage/stripping	\$ 1,200.00	\$ 1,200.00
Bikeway	North First Street	Canal to Park	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	Nunes Road	9th Street to Rohde Drive	Signage/stripping	\$ 200.00	\$ 200.00
Bikeway	Oakdale/El Vista/Mitchell	Briggsmore to Scenic	Signage/stripping or widening	\$ 4,500.00	\$ 90,000.00
Bikeway	Oakdale/El Vista/Mitchell	Floyd to Briggsmore	Signage/stripping or widening	\$ 3,500.00	\$ 70,000.00
Bikeway	Oakdale/El Vista/Mitchell	Edgebrook Drive to Ellis Street	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	Oakdale/El Vista/Mitchell	Encina Avenue to Roble Avenue	Signage/stripping or widening	\$ 500.00	\$ 10,000.00
Bikeway	Oakdale/El Vista/Mitchell	Roble Avenue to SR 132	Signage/stripping or widening	\$ 2,000.00	\$ 40,000.00
Bikeway	Oakdale/El Vista/Mitchell	Ellis Street to Encina Avenue	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	Oakdale/El Vista/Mitchell	Sylvan Avenue to Mable Avenue	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	Oakdale/El Vista/Mitchell	Sylvan to Floyd	Signage/stripping or widening	\$ 4,000.00	\$ 80,000.00
Bikeway	Oakdale/El Vista/Mitchell	Prouty Way to SR 108	Signage/stripping	\$ 1,500.00	\$ 1,500.00
Bikeway	Oakdale/El Vista/Mitchell	Scenic Drive to Edgebrook Drive	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	Oakdale/El Vista/Mitchell	SR-132 to Finch	Signage/stripping	\$ 6,000.00	\$ 6,000.00
Bikeway	Paradise Road	1st St to Sutter	Signage/stripping or widening	\$ 2,000.00	\$ 40,000.00
Bikeway	Paradise Road	Sutter to Ohio	Signage/stripping	\$ 7,000.00	\$ 7,000.00
Bikeway	Pelandale Avenue	Gagos to Dale	Signage/stripping or widening	\$ 3,500.00	\$ 70,000.00
Bikeway	Pelandale Avenue	SR-99 to Gagos	Signage/stripping or widening	\$ 2,000.00	\$ 40,000.00
Bikeway	Pelandale Avenue	bridge over SR 99	Signage/stripping	\$ 200.00	\$ 200.00
Bikeway	Pelandale Road	Dale to Tully	Signage/stripping	\$ 4,200.00	\$ 4,200.00
Bikeway	Pirrone Road	Indian Ridge to Sisk	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	Pirrone Road	Pirrone Court to Indian Ridge	Signage/stripping	\$ 2,500.00	\$ 2,500.00
Bikeway	River Road	in Grayson	Signage/stripping	\$ 2,500.00	\$ 2,500.00
Bikeway	Roeding Road	Ceres Main Canal to Mitchell	Signage/stripping	\$ 500.00	\$ 500.00
Bikeway	Roeding Road	East Lane to 6th Street	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	Roeding Road	Mitchell to East Lane	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	Rohde Drive	Mitchell to Esmail	Signage/stripping	\$ 3,000.00	\$ 3,000.00
Bikeway	Rohde Drive	Esmail to Nunes	Signage/stripping or widening	\$ 4,000.00	\$ 80,000.00
Bikeway	Roselle Avenue	Modesto Irrigation District lateral to Pocket Avenue	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	Roselle Avenue	Briggsmore to Floyd	Signage/stripping	\$ 3,500.00	\$ 3,500.00
Bikeway	Roselle Avenue	Pocket Ave to North Rosebrook	Signage/stripping	\$ 1,000.00	\$ 1,000.00
Bikeway	Roselle Avenue	200' s/Talbot to 200' s/Turpin	Signage/stripping	\$ 500.00	\$ 500.00
Bikeway	Roselle Avenue	200' s/Turpin to 100' n/Turpin	Signage/stripping or widening	\$ 500.00	\$ 10,000.00
Bikeway	Roselle Avenue	100' n/Turpin to Patterson Road	Signage/stripping	\$ 1,500.00	\$ 1,500.00
Bikeway	Santa Fe Avenue	SR 132 to Tuolumne River	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	Scenic Drive	Downey Avenue to Bodem Street	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	Scenic Drive	Bodem Street to Coffee Road	Signage/stripping or widening	\$ 3,000.00	\$ 60,000.00
Bikeway	Scenic Drive	Coffee Road to Rose Avenue	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	Scenic Drive	Rose Avenue to Oakdale Road	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	Scenic Drive	Oakdale Road to McGuire Drive	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	Service Road	El Camino to Mitchell Road	Signage/stripping or widening	\$ 600.00	\$ 600.00
Bikeway	Standiford Avenue	Dale Road to future Brink Road	Signage/stripping	\$ 2,500.00	\$ 50,000.00
Bikeway	Standiford Avenue	w/o Prescott Road to Dale Road	Signage/stripping	\$ 5,000.00	\$ 5,000.00
Bikeway	Sylvan Avenue	Boyce to Oakdale Road	Signage/stripping	\$ 2,000.00	\$ 2,000.00
Bikeway	Tuolumne Road	Quincy to Berkeley	Signage/stripping	\$ 2,500.00	\$ 2,500.00
Bikeway	Tuolumne Road	Berkeley to Geer	Signage/stripping or widening	\$ 4,500.00	\$ 90,000.00
Bikeway	Ward Avenue	Sperry to Las Palmas	Signage/stripping	\$ 500.00	\$ 500.00
Bikeway	West Main Street	Crows Landing to Lander	Signage/stripping	\$ 16,000.00	\$ 16,000.00
Bikeway	West Main Street	Soderquist to SR 99	Signage/stripping or widening	\$ 2,000.00	\$ 40,000.00
Bikeway	West Main Street	SR 99 to Dianne Drive	Signage/stripping or widening	\$ 3,000.00	\$ 60,000.00
Bikeway	West Main Street	West Avenue to Lander Avenue	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	West Main Street	West Avenue to Soderquist	Signage/stripping or widening	\$ 3,000.00	\$ 60,000.00
Bikeway	Whitmore Avenue	Mitchell Road to Central Avenue	Signage/stripping	\$ 5,000.00	\$ 5,000.00
Bikeway	Whitmore Avenue	Central Avenue to Blaker Road	Signage/stripping	\$ 2,500.00	\$ 2,500.00
Bikeway	Whitmore Avenue	Blaker Road to Fiesta Way	Signage/stripping or widening	\$ 2,000.00	\$ 40,000.00
Bikeway	Whitmore Avenue	300' w/o Morgan to Crows Landing Road	Signage/stripping or widening	\$ 4,000.00	\$ 80,000.00

Appendix G: Candidate Bikeway Projects

Bikeway	Yosemite Boulevard	H Street to Delano	Signage/stripping or widening	\$ 2,500.00	\$ 50,000.00
Bikeway	Yosemite Boulevard	SR-120 to H Street	Signage/stripping or widening	\$ 1,000.00	\$ 20,000.00
Bikeway	Yosemite Boulevard	Oakdale/Waterford to North Appling	Signage/stripping	\$ 600.00	\$ 600.00
Bikeway	26 Mile Road	Gilbert to Eastman	Widening	\$ 530,000.00	\$ 530,000.00
Bikeway	26-Mile Road	Dorsey to Sonora Road	Widening	\$ 480,000.00	\$ 480,000.00
Bikeway	28 Mile Road	Dorsey to Eastman	Widening	\$ 340,000.00	\$ 340,000.00
Bikeway	9th Street	Coldwell to Briggsmore	Widening	\$ 100,000.00	\$ 100,000.00
Bikeway	9th Street	Needham to Tully	Widening	\$ 20,000.00	\$ 20,000.00
Bikeway	Albers Road	n/s tangent to Claribel	Widening	\$ 40,000.00	\$ 40,000.00
Bikeway	Albers Road	Patterson Road to south curve	Widening	\$ 40,000.00	\$ 40,000.00
Bikeway	Albers Road	south curve to n/s tangent	Widening	\$ 80,000.00	\$ 80,000.00
Bikeway	Beard Road	Oakdale/Waterford to Lone Oak	Widening	\$ 40,000.00	\$ 40,000.00
Bikeway	Berkeley Road	Monte Vista to Tuolumne	Widening	\$ 50,000.00	\$ 50,000.00
Bikeway	Berkeley Road	Taylor to Monte Vista	Widening	\$ 100,000.00	\$ 100,000.00
Bikeway	Bystrum Road	Latimer to River	Widening	\$ 40,000.00	\$ 40,000.00
Bikeway	Carver Road	Ladd to north terminus	Widening	\$ 120,000.00	\$ 120,000.00
Bikeway	Cooperstown Road	Williams to LaGrange Road	Widening	\$ 950,000.00	\$ 950,000.00
Bikeway	Crabtree Road	Warnerville to SR-132	Widening	\$ 730,000.00	\$ 730,000.00
Bikeway	Crows Landing Road	W. Main to Service Road	Widening	\$ 630,000.00	\$ 630,000.00
Bikeway	Dale Road	Pelandale to Snyder	Widening	\$ 30,000.00	\$ 30,000.00
Bikeway	Davis Road	Roberts Ferry to end	Widening	\$ 500,000.00	\$ 500,000.00
Bikeway	Del Puerto Canyon Road	CA Aqueduct to Santa Clara County	Widening	\$ 2,150,000.00	\$ 2,150,000.00
Bikeway	Dorsey Road	26 Mile to 28 Mile	Widening	\$ 140,000.00	\$ 140,000.00
Bikeway	East Avenue	Golden State to Merced County	Widening	\$ 530,000.00	\$ 530,000.00
Bikeway	Eastman Road	26 Mile to 28 Mile	Widening	\$ 210,000.00	\$ 210,000.00
Bikeway	Frank Cox & Howard Roads	SR-33 to CA Aqueduct	Widening	\$ 380,000.00	\$ 380,000.00
Bikeway	Fulkerth Road	Turlock limit to Crows Landing	Widening	\$ 580,000.00	\$ 580,000.00
Bikeway	Geer Road	Sunbird Drive to Taylor Road	Widening	\$ 10,000.00	\$ 10,000.00
Bikeway	Geer Road	Fullerton Drive to Sunbird Drive	Widening	\$ 60,000.00	\$ 60,000.00
Bikeway	Geer Road	Monte Vista Avenue to Fullerton Drive	Widening	\$ 30,000.00	\$ 30,000.00
Bikeway	Geer Road	Hatch to Taylor	Widening	\$ 490,000.00	\$ 490,000.00
Bikeway	Golden State Boulevard	Keyes Road to Patchett Ford	Widening	\$ 190,000.00	\$ 190,000.00
Bikeway	Golf Road	Linwood to Harding	Widening	\$ 90,000.00	\$ 90,000.00
Bikeway	Gratton Road	Tuolumne to Monte Vista	Widening	\$ 50,000.00	\$ 50,000.00
Bikeway	Grayson Road	Shiloh to Cox Rd	Widening	\$ 230,000.00	\$ 230,000.00
Bikeway	Grayson Road	SR-33 to Cox Rd	Widening	\$ 150,000.00	\$ 150,000.00
Bikeway	Greenway Avenue	SR 165 to Golf Road	Widening	\$ 100,000.00	\$ 100,000.00
Bikeway	Hammett Road	Pirrone Road to Beckwith	Widening	\$ 290,000.00	\$ 290,000.00
Bikeway	Harding Road	Golf Road to Merced County	Widening	\$ 40,000.00	\$ 40,000.00
Bikeway	Hart Road	Paradise to Woodland	Widening	\$ 300,000.00	\$ 300,000.00
Bikeway	Hazeldean Road	Tim Bell to Yosemite	Widening	\$ 100,000.00	\$ 100,000.00
Bikeway	Hickman Road	Delaware to Lake Rd	Widening	\$ 40,000.00	\$ 40,000.00
Bikeway	Keyes Road	Geer Rd to Gratton Rd	Widening	\$ 280,000.00	\$ 280,000.00
Bikeway	Keyes Road	Gratton to Central	Widening	\$ 910,000.00	\$ 910,000.00
Bikeway	Keyes Road	Gratton to Montpelier	Widening	\$ 450,000.00	\$ 450,000.00
Bikeway	Keyes Road	Montpelier to Merced County	Widening	\$ 630,000.00	\$ 630,000.00
Bikeway	Ladd Road	Carver to Tully	Widening	\$ 50,000.00	\$ 50,000.00
Bikeway	Lake Road	Montpelier to Hickman	Widening	\$ 30,000.00	\$ 30,000.00
Bikeway	Lake Road	SR-132 to Montpelier	Widening	\$ 1,750,000.00	\$ 1,750,000.00
Bikeway	Las Palmas Avenue	First Street to roundabout	Widening	\$ 10,000.00	\$ 10,000.00
Bikeway	Las Palmas Avenue	9th to Ward	Widening	\$ 20,000.00	\$ 20,000.00
Bikeway	Las Palmas Avenue	Poplar to Hartley	Widening	\$ 230,000.00	\$ 230,000.00
Bikeway	Lone Oak Road	Beard Road to Tim Bell	Widening	\$ 100,000.00	\$ 100,000.00
Bikeway	Marshall Road	Ward to SR-33	Widening	\$ 210,000.00	\$ 210,000.00
Bikeway	McHenry Avenue	Patterson Road to San Joaquin County	Widening	\$ 170,000.00	\$ 170,000.00
Bikeway	Milnes Road	Oakdale-Waterford Hwy to Claus	Widening	\$ 590,000.00	\$ 590,000.00
Bikeway	Milton Road	3.4 mile s/o SR-4 to SR-4	Widening	\$ 340,000.00	\$ 340,000.00
Bikeway	Milton Road	Sonora Road to 3.4 mile s/o SR-4	Widening	\$ 50,000.00	\$ 50,000.00
Bikeway	Milton Road	SR-4 to Calaveras County	Widening	\$ 500,000.00	\$ 500,000.00
Bikeway	Mitchell Road	Service to Rohde	Widening	\$ 20,000.00	\$ 20,000.00
Bikeway	Montpelier Road	Whitmore Avenue to Lake Rd	Widening	\$ 230,000.00	\$ 230,000.00
Bikeway	Montpelier Road	Whitmore Avenue to Merced County	Widening	\$ 600,000.00	\$ 600,000.00
Bikeway	Oakdale/El Vista/Mitchell	Morrill Road to Prouty Way	Widening	\$ 20,000.00	\$ 20,000.00
Bikeway	Oakdale/El Vista/Mitchell	Mable Avenue to Morrill Road	Widening	\$ 200,000.00	\$ 200,000.00
Bikeway	Oakdale-Waterford Hwy	Geer-Albers to n Waterford limit	Widening	\$ 740,000.00	\$ 740,000.00
Bikeway	Orange Blossom Road	Wamble Road to Sonora Road	Widening	\$ 650,000.00	\$ 650,000.00
Bikeway	Orestimba Road	SR-33 to CA Aqueduct	Widening	\$ 590,000.00	\$ 590,000.00
Bikeway	Paradise Road	Ohio to Shiloh	Widening	\$ 530,000.00	\$ 530,000.00
Bikeway	Patterson Road	e Riverbank City limit to Albers Rd	Widening	\$ 370,000.00	\$ 370,000.00
Bikeway	Patterson Road	McHenry to Tully Road	Widening	\$ 90,000.00	\$ 90,000.00
Bikeway	Patterson Road	w Riverbank limit to McHenry	Widening	\$ 130,000.00	\$ 130,000.00
Bikeway	Pirrone Road	Hammett Road to Pirrone Court	Widening	\$ 120,000.00	\$ 120,000.00
Bikeway	Reservoir Drive	Yosemite Boulevard to end	Widening	\$ 230,000.00	\$ 230,000.00
Bikeway	Rio Linda Drive	Reservoir Dr to end	Widening	\$ 100,000.00	\$ 100,000.00
Bikeway	River Road	2mi s/o SR132 to SJ Co	Widening	\$ 300,000.00	\$ 300,000.00
Bikeway	River Road	7th Street to 9th Street	Widening	\$ 50,000.00	\$ 50,000.00
Bikeway	River Road	9th to Bystrum	Widening	\$ 10,000.00	\$ 10,000.00
Bikeway	River Road	Grayson to 2mile s/o SR132	Widening	\$ 700,000.00	\$ 700,000.00

Appendix G: Candidate Bikeway Projects

Bikeway	Roberts Ferry Road	SR-132 to Davis Rd	Widening	\$ 230,000.00	\$ 230,000.00
Bikeway	Rodden Road	Orange Blossom to SR-120	Widening	\$ 680,000.00	\$ 680,000.00
Bikeway	Roeding Road	Tully to Ceres Main Canal	Widening	\$ 330,000.00	\$ 330,000.00
Bikeway	Roselle Avenue	Floyd to Sylvan	Widening	\$ 70,000.00	\$ 70,000.00
Bikeway	Roselle Avenue	N. Rosebrook to 200' s/o Talbot	Widening	\$ 20,000.00	\$ 20,000.00
Bikeway	Roselle Avenue	Sylvan to Modesto Irrigation District lateral	Widening	\$ 190,000.00	\$ 190,000.00
Bikeway	Santa Fe Avenue	Briggsmore to Claus	Widening	\$ 170,000.00	\$ 170,000.00
Bikeway	Santa Fe Avenue	Hughson limit to Merced County	Widening	\$ 930,000.00	\$ 930,000.00
Bikeway	Santa Fe Avenue	Tuolumne River to Hughson limit	Widening	\$ 190,000.00	\$ 190,000.00
Bikeway	Santa Fe Avenue	within Hughson limit	Widening	\$ 110,000.00	\$ 110,000.00
Bikeway	Shiloh Road	Paradise to Grayson	Widening	\$ 350,000.00	\$ 350,000.00
Bikeway	Sisk Road	Pelandale Avenue to Pirrone Road	Widening	\$ 50,000.00	\$ 50,000.00
Bikeway	Sonora Road	Orange Blossom to SR-108/120	Widening	\$ 250,000.00	\$ 250,000.00
Bikeway	Sperry Avenue	Ward Ave to CA Aqueduct	Widening	\$ 200,000.00	\$ 200,000.00
Bikeway	Sylvan Avenue	Bobs to McReynolds	Widening	\$ 50,000.00	\$ 50,000.00
Bikeway	Sylvan Avenue	Claus Road to McReynolds	Widening	\$ 110,000.00	\$ 110,000.00
Bikeway	Tim Bell Road	Lone Oak to Hazeldean	Widening	\$ 340,000.00	\$ 340,000.00
Bikeway	Tully Road	Palmilla to Ladd	Widening	\$ 230,000.00	\$ 230,000.00
Bikeway	Tully Road	Whitmore Avenue to Roeding	Widening	\$ 50,000.00	\$ 50,000.00
Bikeway	Tuolumne Road	Gratton to Quincy	Widening	\$ 140,000.00	\$ 140,000.00
Bikeway	Valley Home Road	SR-120 to San Joaquin County	Widening	\$ 450,000.00	\$ 450,000.00
Bikeway	West Main Street	Crows Landing to Poplar	Widening	\$ 550,000.00	\$ 550,000.00
Bikeway	Whitmore Avenue	Euclid to Tully	Widening	\$ 90,000.00	\$ 90,000.00
Bikeway	Whitmore Avenue	Geer Road to Hickman Road	Widening	\$ 530,000.00	\$ 530,000.00
Bikeway	Whitmore Avenue	Geer to Euclid	Widening	\$ 20,000.00	\$ 20,000.00
Bikeway	Whitmore Avenue	Hickman to Montpelier	Widening	\$ 80,000.00	\$ 80,000.00
Bikeway	Whitmore Avenue	Tully Road to Boothe Road	Widening	\$ 340,000.00	\$ 340,000.00
Bikeway	Whitmore Avenue	Boothe Road to Mitchell Road	Widening	\$ 40,000.00	\$ 40,000.00
Bikeway	Whitmore Avenue	Fiesta Way to 700' w/o Morgan Road	Widening	\$ 30,000.00	\$ 30,000.00
Bikeway	Williams Road	SR-120 to Cooperstown	Widening	\$ 760,000.00	\$ 760,000.00
Bikeway	Woodland Avenue	Hart Road to Carpenter Road	Widening	\$ 500,000.00	\$ 500,000.00
Bikeway	Yosemite Boulevard	Hazeldean to Reservoir Dr	Widening	\$ 70,000.00	\$ 70,000.00
Bikeway	7th Street	Tuolumne River	Railroad crossing improvements		
Bikeway	Albers Road	Dry Creek	Railroad crossing improvements		
Bikeway	Claus Road	Santa Fe Avenue	Railroad crossing improvements		
Bikeway	Claus Road	Townsend	Railroad crossing improvements		
Bikeway	Cooperstown Road	several locations	Railroad crossing improvements		
Bikeway	Crabtree Road	Warnerville Road	Railroad crossing improvements		
Bikeway	Del Puerto Canyon	Del Puerto Creek	Railroad crossing improvements		
Bikeway	Fink Road	SR 33	Railroad crossing improvements		
Bikeway	Frank Cox & Howard	creeks	Railroad crossing improvements		
Bikeway	G Street (Oakdale)	Sierra Avenue	Railroad crossing improvements		
Bikeway	G Street (Modesto)	9th Street	Railroad crossing improvements		
Bikeway	G Street (Modesto)	8th Street	Railroad crossing improvements		
Bikeway	Geer Road	Tuolumne River	Railroad crossing improvements		
Bikeway	Gratton Road	Monte Vista Avenue	Railroad crossing improvements		
Bikeway	Grayson Road	Shiloh Road to Cox Road	Railroad crossing improvements		
Bikeway	H Street	8th/9th Street	Railroad crossing improvements		
Bikeway	Hazeldean Road	Tim Bell Road to SR 132	Railroad crossing improvements		
Bikeway	Hickman Road	Tuolumne River bridge	Railroad crossing improvements		
Bikeway	Keyes Road	Santa Fe Avenue	Railroad crossing improvements		
Bikeway	Kilburn Road	Orestimba Creek	Railroad crossing improvements		
Bikeway	La Loma Avenue	Dry Creek	Railroad crossing improvements		
Bikeway	Lincoln Avenue	Dry Creek	Railroad crossing improvements		
Bikeway	Montpelier Road	Whitmore Avenue to Lake Road	Railroad crossing improvements		
Bikeway	North First Street	Canal Drive to Flower Street	Railroad crossing improvements		
Bikeway	Orestimba Road	SR 33 to CA Aqueduct	Railroad crossing improvements		
Bikeway	Rio Linda Drive	Reservoir Drive to end	Railroad crossing improvements		

Appendix G: Candidate Bikeway Projects

Bikeway	Sierra Road	5th Avenue to Wamble Road	Railroad crossing improvements		
Bikeway	Sperry Avenue	Ward Avenue to CA Aqueduct	Railroad crossing improvements		
Bikeway	Sycamore Avenue	Fruit Road to Marshall Road	Railroad crossing improvements		
Bikeway	Wamble Road	Sierra Road to Orange Blossom Road	Railroad crossing improvements		
Bikeway	Ward Avenue	s/o Bartch Road to Marshall Road	Railroad crossing improvements		
Bikeway	Whitmore Avenue	Santa Fe Avenue	Railroad crossing improvements		
Bikeway	Woodland Avenue	9th Street	Railroad crossing improvements		
Bikeway	canal crossings	most	Railroad crossing improvements		

Total Cost	\$ 38,324,100.00	\$ 42,892,100.00
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