

**COUNTY OF MADERA  
BUDGET UNIT EXPENDITURE DETAIL  
BUDGET FOR THE FISCAL YEAR 2015-16**

Department: **ROADS & BRIDGES  
(11800)**  
Function: **Public Ways & Facilities**  
Activity: **Public Ways**  
Fund: **Road**

<u>ACCOUNT CLASSIFICATION</u>	<u>ACTUAL EXPENDITURES 2013-14</u>	<u>BOARD APPROVED EXPENDITURES 2014-15</u>	<u>DEPARTMENT REQUEST 2015-16</u>	<u>CAO RECOMMENDED 2015-16</u>
<b>SALARIES &amp; EMPLOYEE BENEFITS</b>				
710102 Permanent Salaries	3,634,168	4,014,470	3,865,427	3,865,427
710103 Extra Help	80,623	69,172	178,706	178,706
710105 Overtime	9,707	20,000	20,000	20,000
710107 Premium Pay	240	240	240	240
710200 Retirement	1,027,809	1,200,059	1,203,836	1,203,836
710300 Health Insurance	629,535	685,368	655,906	655,906
710400 Workers' Compensation Insurance	155,377	131,401	185,321	185,321
710500 Other Benefits	1,929	500	500	500
<b>TOTAL SALARIES &amp; EMPLOYEE BENEFITS</b>	<b>5,539,388</b>	<b>6,121,210</b>	<b>6,109,936</b>	<b>6,109,936</b>
<b>SERVICES &amp; SUPPLIES</b>				
720200 Clothing & Personal Supplies	23,544	20,000	30,000	30,000
720300 Communications	38,434	32,894	37,849	37,849
720305 Microwave Radio Services	99,903	101,803	104,058	104,058
720500 Household Expense	26,748	33,500	44,320	44,320
720600 Insurance - Liability	80,480	122,880	61,689	61,689
720601 Insurance - Other	4,441	11,733	11,733	11,733
720605 Employer's Share of Retiree's Insurance	186,656	200,000	200,000	200,000
720800 Maintenance - Equipment	681,385	600,000	700,000	700,000
720900 Maintenance - Structures & Grounds	11,585	16,000	15,000	15,000
721000 Medical, Dental & Lab Supplies	2,325	250	5,000	5,000
721100 Memberships	3,309	3,000	3,500	3,500
721206 Refund/Overcharges	0	1,000	1,000	1,000
721300 Office Expense	29,789	28,000	32,550	32,550
721400 Professional & Specialized Services	7,359,549	4,871,817	6,434,332	6,434,332
721500 Publications & Legal Notices	3,533	5,600	5,600	5,600
721600 Rents & Leases - Equipment	167,760	200,000	295,000	295,000
721700 Rents & Leases - Structures & Grounds	27,890	38,000	23,000	23,000
721800 Small Tools & Instruments	28,904	25,000	30,000	30,000
721900 Special Departmental Expense	2,284,040	1,081,953	3,799,878	3,799,878
722000 Transportation & Travel	15,150	16,000	21,500	21,500
722100 Utilities	98,757	107,000	115,000	115,000
<b>TOTAL SERVICES &amp; SUPPLIES</b>	<b>11,174,182</b>	<b>7,516,430</b>	<b>11,971,009</b>	<b>11,971,009</b>

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OTHER CHARGES				
730800 Right of Ways	1,178	30,000	30,000	30,000
731401 Intrafund Expense	0	911,396	911,396	911,396
<b>TOTAL OTHER CHARGES</b>	<b>1,178</b>	<b>941,396</b>	<b>941,396</b>	<b>941,396</b>
FIXED ASSETS				
740300 Equipment	536,879	1,217,000	1,188,500	1,188,500
<b>TOTAL FIXED ASSETS</b>	<b>536,879</b>	<b>1,217,000</b>	<b>1,188,500</b>	<b>1,188,500</b>
INTRAFUND TRANSFER				
750121 Operating Transfers Out-Capital Projects	0	920,468	0	0
<b>TOTAL INTRAFUND TRANSFER</b>	<b>0</b>	<b>920,468</b>	<b>0</b>	<b>0</b>
<b>TOTAL - ROADS AND BRIDGES</b>	<b>17,251,627</b>	<b>16,716,504</b>	<b>20,210,841</b>	<b>20,210,841</b>

## ROADS AND BRIDGES

### COMMENTS

The Madera County Public Works Department uses Road Funds to typically maintain, repair, and reconstruct roads, bridges, and traffic control devices on the County's maintained mileage system, in Maintenance Districts, and in County Service Areas within the unincorporated area except for State Highways. The Department maintains about 1,529 miles of roads and 170 bridges. This budget is primarily financed by State Fuel Taxes, Federal-State Allocations, Forest Reserve Funds, Special District Service Charges, State Transportation Improvement Program (STIP), Congestion Mitigation and Air Quality (CMAQ), Transportation Enhancement Activities (TEA), Proposition 1B, Public Transportation Modernization Improvement and Service Enhancement Account (PTMISEA), American Reinvestment Recovery Act (ARRA), and Traffic Mitigation Fees. The Department receives a five-cent property tax from District No. 5. The revenues from Measures "A" and "T" sales tax funds augment Departmental efforts but are not reflected in this budget. The revenue from Measure "T" provides additional funding, some of which can be used on maintenance activities and significantly improves the Department's preventive maintenance program. In addition, the Measure also addresses congestion issues on a regional basis.

No portion of this budget is financed by local property taxes, except for District No. 5 in the northeastern portion of the County, which had levied a property tax prior to Proposition 13; and this activity is not part of the General Fund Budget.

Note: The Transit Budget was established and not included in the Road Fund Budget in order to simplify the accounts of Transit funds, projects, and issues. Refer to Road Transit Budget (Org 63860) for specific details.

### REVENUE

	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
	<b><u>Actual</u></b>	<b><u>Estimated</u></b>	<b><u>Projected</u></b>
610802 SB 325 Gas Sales Tax	\$2,027,280	\$1,599,071	\$1,599,071
610805 LTF Pedestrian & Bicycle Projects	0	38,493	38,493
620400 Road Privileges and Permits	127,613	137,933	125,000
640101 Interest	12,871	22,514	15,000
640304 Federal - Hwy Row Rental	1,399	1,236	1,000
650201 Highway Users Tax - 2104 and 2106	5,652,022	4,846,510	4,919,278
650202 Highway Users Tax - 2105 (Proposition 111)	1,761,246	1,474,921	1,300,136
654035 ISTEAs Exchange Funds – Federal*	463,374	463,374	463,374
654536 Prop1B SLPP	1,015,133	0	0
655400 Disaster Relief FHWA	64,055	0	0
655500 Forest Reserve Title I	228,685	228,685	225,000
657040 Federal Funded Bridges (Eng. Services Refunds)	1,970,490	1,725,816	5,806,398

## ROADS AND BRIDGES

### REVENUE (continued)

		<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
		<u>Actual</u>	<u>Estimated</u>	<u>Projected</u>
657103	CMAQ	109,574	156,842	658,000
657121	Federal - ARRA	130,720	0	0
659020	ISTEA Exchange from Madera County Transportation Committee**	798,398	798,398	500,000
661702	Road and Street Services – MCTA	53,650	202,946	0
661703	Road and Street Services (District #5)	200,000	169,000	120,000
661704	Road and Street Services (Service Areas, Maintenance Districts)	234,329	1,374,838	700,000
661706	Roads Street Intrafund/Other Services	1,145,961	1,174,941	700,000
661708	Measure T Reimbursement	271,242	543,874	0
662696	Formation Fees	450	0	0
672000	Other Sales (Sale of Maps)	2,137	1,724	2,000
673000	Miscellaneous Refunds & Revenues	4,717	14,261	12,000
673425	Road Service Donations	16,000	0	0
673903	Misc Riemb & Refund	630	201	0
	Sub-Total	\$16,291,976	\$14,975,578	\$17,184,750
	Cash Balance	<u>959,651</u>	<u>0</u>	<u>3,026,091</u>
	<b>TOTAL</b>	<b>\$17,251,627</b>	<b>\$14,975,578</b>	<b>\$20,210,841</b>

\*ISTEA (Intermodal Surface Transportation Efficiency Act) Exchange Funds represents approximately 110% of previous FAS (Federal Aid Secondary) funds.

\*\*ISTEA Exchange from Madera County Transportation Committee - MCTC reallocates ISTEA funds to member agencies based on population.

## ROADS AND BRIDGES

### STAFFING

<u>Permanent</u>	<u>2014-15 Authorized</u>	<u>2015-16 Recommended</u>
Administrative Analyst I/II	1	1
Administrative Assistant	1	1
Assistant Engineer	3	3
Associate Civil Engineer or Engineer I/II/III	2	2
Deputy Public Works Director	2	2
Development Services Engineer	1	1
Director of Public Works	1	1
Engineering Aide	1	1
Engineering Technician	1	1
Equipment Operator	12	12
Equipment Service Worker	1	1
Equipment Shop Supervisor	1	1
Heavy Equipment Mechanic	5	5
Parts Assistant I/II	1	1
Personnel Technician I/II	1	1
Program Assistant I/II	2	2
Program Manager	1	1
Real Property Agent	1	1
Road Construction & Maintenance Supervisor	7	7
Road Construction & Maintenance Worker I/II	24	24
Road Investigator	1	1
Senior Accounting Technician or Accounting Technician I/II	1	1
Senior Civil Engineer	2	2
Senior Heavy Equipment Mechanic	1	1
Senior Road Construction & Maintenance Worker	5	5
Senior Traffic Sign Worker	1	1
Special District Road Manager	1	1
Traffic Sign Supervisor	1	1
Traffic Sign Worker I/II	<u>4</u>	<u>4</u>
Total Permanent Staff	86	86

## ROADS AND BRIDGES

### RECAP OF MAJOR EXPENDITURE ACCOUNTS:

- 720300**      **Communications** (\$37,849) is recommended increased \$4,955 based on current expenditures and an estimate of the Department's pro-rated share of the Wide Area Network Communication expense; as estimated by the Information Technology Department.
- 720305**      **Microwave Radio Services** (\$104,058) is recommended increased \$2,255 and represents the Department's contribution to the Internal Service Fund for 2015-16 based on the number of radios in this Department utilizing the County's Microwave Radio Network.
- 720601**      **Insurance - Other** (\$11,733) is recommended unchanged based on current year costs for Property and Pollution Insurance.
- 720800**      **Maintenance - Equipment** (\$700,000) is recommended increased \$100,000 based on current year and projected expenditures for all equipment repairs, parts, fuels, tires, and overhauls. This account also provides funds for maintenance of office equipment, mobile radios, and other types of maintenance and repair, as well as the Wide Area Network Maintenance cost.
- 721400**      **Professional & Specialized Services** (\$6,434,332) is recommended increased \$1,562,515 for the proposed capital improvement projects as outlined in the Department's Capital Improvement Program. This account also funds professional services concerning the Wide-Area Network, the Department's pro rata share of the cost for the outside auditor, and direct charges for services provided by the Auditor, Human Resources, Purchasing, General Services and the 311/Customer Service Center.
- 721600**      **Rents & Leases - Equipment** (\$295,000) is recommended increased \$95,000 based on projected expenditures to rent/lease equipment when County-owned equipment breaks down, or when it is more economical to rent equipment than to purchase equipment. This account also funds the rental of mowing equipment used for special grants in use this fiscal year.
- 721900**      **Special Departmental Expense** (\$3,799,878) is recommended increased \$2,717,925 for the purchase of all road construction materials, asphalt, concrete, various road oils, rock, sand, and dirt. This account also funds preliminary engineering and construction engineering costs associated with the Department's Capital Improvement Program. This account will be adjusted at Final Budget based on the ending cash balance.
- 731401**      **Intrafund Expense** (\$911,396) is recommended unchanged based on the prior year's Cost Allocation Plan. This report is in the process of being prepared by an outside consulting firm that allocates the County's pro-rata share of indirect expenses to this budget.

### FIXED ASSETS

**740300**      **Equipment** (\$1,188,500) is recommended reduced \$28,500 to purchase the following equipment:

- 1      **Gasboy Fuel Management System (\$70,000)** - The new fuel management system would replace the old Gasboy Series 1000 system that is outdated and repair parts are no longer available from any source, and the PC/1000 software program is not compatible beyond Windows XP. The new Gasboy Fleet Plus system would provide accurate tracking of fuel transactions at all four Public Works Dept. District Road Yards. It would utilize a web-based software program that can reside on a network server, providing time saving capabilities when transferring the necessary fuel transaction data to the departments CAMS accounting program. This system would be used county wide. (11804)
- 1      **Environmental System Products, ODB Inspection System. Data Acquisition Device (DAD) (\$6,000)** - Beginning January 2016, the California Bureau of Automotive Repair will require all governmental fleet stations to perform ODB (On-Board Diagnostic) smog inspections (OIS) on all 2000 and newer model year vehicles regulated by the State Smog program. This DAD testing equipment is needed to bring the department into compliance with the new smog inspection requirements. This equipment would be assigned to the Equipment Shop. (11804)
- 2      **10-yard Diesel Dump Truck (\$300,000)** - These trucks would replace 1992 Ford Dump Trucks that do not meet California Air Resources Board's On-Road Heavy-Duty Diesel-Fueled Public and Utility Fleets Program regulations. These trucks would be assigned to (1) Dist #2 (11812) and (1) Dist #5 (11815).
- 3      **¾ Ton LWB Regular Cab 4x4 Pickup Trucks (\$87,000)**- These pickups would replace 2001 Ford CNG pickups that have fuel tanks that expire in November 2015. The pickup trucks cannot be legally fueled up after the tank expiration date. These pickups would be assigned to (1) Dist # 1 (11811) and (2) Dist # 3 (11813).
- 1      **½ Ton SWB Regular Cab 4x2 Pickup Truck (25,500)** - This pickup would replace a 2001 Ford CNG pickup that has a fuel tank that expires in November 2015. The pickup truck cannot be legally fueled up after the tank expiration date. This pickup would be assigned to the Equipment Shop. (11804)
- 1      **Self-Propelled Power Broom (\$65,000)** - This power broom would be used to assist in paving and shoulder restoration projects along with general road cleanup. It would replace a 1992 Broce RJ300 power broom that does not meet California Air Resources Board's In-Use Off-Road Diesel Vehicle Regulation. This broom would be used county wide. (11803)

**FIXED ASSETS (continued)****Equipment (continued)**

- 1 **Patch Truck with Emulsion System (\$170,000)** - This truck would replace a 1986 International Patch Truck that does not meet California Air Resources Board's On-Road Heavy-Duty Diesel-Fueled Public and Utility Fleets Program regulations. This patch truck would be assigned to Dist #3. (11813)  
***This item is a carryover from the 2014-2015 Budget***
- 1 **Caterpillar 938M Wheel Loader (\$230,000)** - This Loader would replace a 30 year old, 1983 Terex 60C loader that is worn out and does not meet California Air Resources Board's Emission Requirements for the In-Use Off-Road Diesel Vehicle Regulation. This loader would be assigned county wide. (11803)  
***This item is a carryover from the 2014-2015 Budget***
- 1 **Tractor Loader (\$110,000)** - This unit would be used to assist paving operations and would replace a 1986 Case tractor loader that does not meet California Air Resources Board's In-Use Off-Road Diesel Vehicle Regulation. This Tractor loader would be assigned County wide. (11803)  
***This item is a carryover from the 2014-2015 Budget***
- 1 **Sport Utility EV/Hybrid Vehicle (\$50,000)** - This vehicle would replace a 2001 CNG Honda Civic that has a CNG fuel tank that expires May 2016. This vehicle exceeds the 130,000 miles or 12 years of age replacement/disposal criteria for Passenger Cars, Pickups, and SUVs, as approved in the County Vehicle Replacement & Disposal Policy & Guidelines. This electric vehicle is programmed under the Federal Congestion Mitigation Air Quality (CMAQ) Program, as approved by the Board in April 2014. A portion of the cost will be funded using CMAQ funds and the remaining portion will be funded using local Road Fund. The Department is also seeking California Air Resources Board (CARB) funding to offset the local cost portion. This would reduce the proposed budgeted amount reflected below. This vehicle would be available for general use by Public Works staff. (11801)  
***This item is a replacement from the 2014-2015 Budget (SUV or Sedan)***



**FIXED ASSETS (continued)**

**Equipment (continued)**

- 1     **Electric SUV (\$50,000)** - This vehicle would replace a 1995 Jeep Cherokee which exceeds the 130,000 miles or 12 years of age replacement/disposal criteria for Passenger Cars, Pickups, and SUVs, as approved in the County Vehicle Replacement & Disposal Policy & Guidelines. This electric vehicle is programmed under the Federal Congestion Mitigation Air Quality (CMAQ) Program, as approved by the Board in April 2014. A portion of the cost will be funded using CMAQ funds and the remaining portion will be funded using local Road Fund. The Department is also seeking California Air Resources Board (CARB) funding to offset the local cost portion; this would reduce the proposed budgeted amount for this item. This vehicle would be available for general use by Public Works staff. (11802)
  
- 1     **Transit Connect Van (\$25,000)** - This vehicle would replace a 2001 Dodge Ram Van 3500 utilized by the Public Works Department to conduct land surveys and to securely transport the expensive survey equipment. This vehicle exceeds the 130,000 miles or 12 years of age replacement/disposal criteria for Passenger Cars, Pickups, and SUVs, as approved in the County Vehicle Replacement & Disposal Policy & Guidelines. This would be assigned to the Survey Crew. (11802)