

## CMAQ Cost-Effectiveness Documentation for the TCAG 2011 FTIP

<u>Year</u>	<u>Estimated CMAQ Apportionments</u>	<u>20 Percent Minimum</u>
FY 2010-2011	\$ 4,437,896.00	\$ 887,579.20
FY 2011-2012	\$ 4,517,778.00	\$ 903,555.60
FY 2012-2013	\$ 4,599,098.00	\$ 919,819.60
FY 2013-2014	\$ 4,681,882.00	\$ 936,376.40
Totals	\$ 18,236,654.00	\$ 3,647,330.80

<u>Year</u>	<u>FTIP ID</u>	<u>Agency</u>	<u>Project Description</u>	<u>CMAQ Funding Amount</u>	<u>Estimated Cost-Effectiveness<sup>(1)</sup></u>
10/11	TUL08-011	City of Tulare	Shoulder Stabilization	\$106,000	\$2.54/lb
10/11	TUL08-012	City of Tulare	Shoulder Stabilization	\$141,000	\$5.80/lb
10/11	TUL08-013	Tulare County	Diesel Retrofit Traps	\$243,000	\$15.57/lb
11/12	TUL08-028	City of Lindsay	Shoulder Stabilization	\$469,000	\$20.05/lb
11/12	TUL08-029	City of Tulare	Shoulder Stabilization	\$72,000	\$7.35/lb
11/12	TUL08-030	City of Tulare	Shoulder Stabilization	\$106,000	\$6.53/lb
12/13	TUL10-007	City of Tulare	Signal Synchronization	\$86,000	\$6.58/lb
12/13	TUL10-008	City of Tulare	Signal Synchronization	\$177,000	\$15.83/lb
12/13	TUL10-012	City of Lindsay	Roundabout	\$648,000	\$8.84/lb
12/13	TUL10-020	Kings River UESD	Cleaner Burning Diesel School Bus	\$127,000	\$11.75/lb
12/13	TUL10-021	Visalia USD	Heavy Duty Truc PM Filters	\$66,000	\$6.81/lb
12/13	TUL10-013	Tulare County	Repower Construction Engines	\$281,000	\$7.61/lb
12/13	TUL10-015	City of Porterville	Shoulder Stabilization	\$258,000	\$2.85/lb
13/14	TUL10-024	City of Farmersville	Roundabout	\$640,000	\$8.41/lb
13/14	TUL10-025	Tulare County Redevelopment Agency	Shoulder Stabilization	\$1,290,000	\$23.10/lb
13/14	TUL10-027	Tulare County	Repower Construction Engines	\$470,000	\$5.25/lb
13/14	TUL10-028	Tulare County	Repower Construction Engines	\$78,000	\$2.49/lb
Total CMAQ Funding Amount				\$ 5,258,000.00	
Average Cost-Effectiveness					\$9.26/lb
CMAQ Cost-Effectiveness Goal				\$ 3,647,330.80	
CMAQ Cost-Effectiveness Goal Met?					YES
Percent of CMAQ Funds Awarded to Cost-Effective Projects					28.83%

(1) Cost-effectiveness for each project identified as meeting the cost effectiveness threshold must be below \$30 per pound, or \$60,000 per ton.