

2007 ANNUAL CMAQ REPORT

EMISSION REDUCTIONS

PROJECT TYPE TIP ID	PROJECT AMOUNT	PROJECT TITLE	PROJECT DESCRIPTION	VOC	CO	NOx	PM ₁₀
				(kg/day)	(kg/day)	(kg/day)	(kg/day)
Shared Ride							
MAG07-311	\$919,329	MAG: Trip Reduction Program	Trip Reduction Program	403	4882	327	367
MAG07-309	\$598,681	MAG: Regional Rideshare Program	Regional Rideshare Program	281	3404	228	256
MAG07-303	\$300,000	MAG: Telework and Ozone Outreach Program	Telework and Ozone Outreach Program	521	6322	424	475
MAG07-302	\$135,000	MAG: Travel Reduction Program	Travel Reduction Program	3	42	3	3
	\$1,953,010	TOTAL SHARED RIDE		1208	14650	982	1101
Pedestrian /Bicycle							
GLN08-604 GLN12-802	\$3,557,383	Glendale: Multi-use overpass	Design and construct multi-use overpass on 63rd Ave at Loop 101	1	15	1	1
GLB09-601C	\$614,405	Gilbert: Multiuse path	Construct Western-Powerline Trail multiuse path from Cooper Rd to Gilbert Rd (phase III)	1	19	1	1
MMA06-206	\$494,870	Maricopa County: Bicycle lane	Design and construct bicycle lane on McDowell Mountain Rd from Fountain Hills city limits to Forest Rd	1	3	1	1
PVY06-201C	\$400,000	Paradise Valley: Pedestrian path	Construct pedestrian path on south side of Lincoln Dr from 32nd St to Invergordon Rd	1	5	1	1
GLN07-310	\$269,306	Glendale: Bicycle lane	Design and construct bicycle lane on 63rd Ave from Olive Ave to Grand Ave	1	22	1	1
MAG07-308	\$30,000	MAG: Regional Bicycle Planning	Regional Bicycle Planning	14	170	11	13
	\$5,365,964	TOTAL PEDESTRIAN/BICYCLE		19	234	16	18

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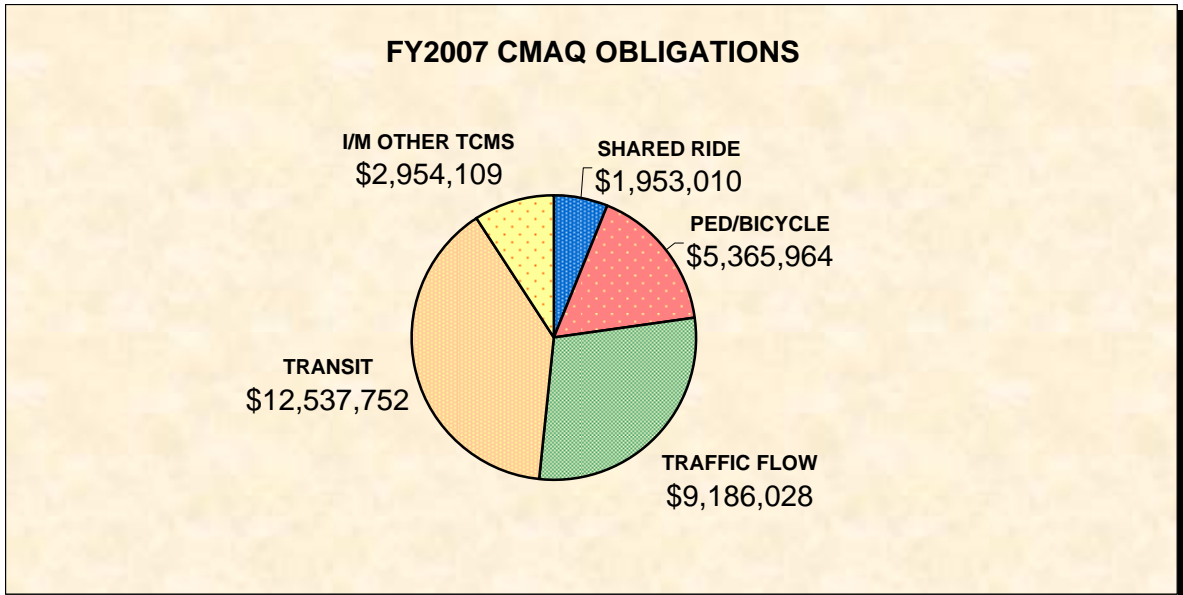
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				(kg/day)	(kg/day)	(kg/day)	(kg/day)
Traffic Flow Improvements							
DOT06-218	\$1,680,000	ADOT: Freeway Management System	Design and construct Freeway Management System on Loop 101 between Guadalupe Rd and Loop 202	3	14	4	
SCT04-113R	\$1,424,844	Scottsdale: Left turn lanes	Construct left turn lanes on Hayden Rd at Via de Ventura	2	6	1	1
MMA06-207	\$1,350,000	Maricopa County: Aztech smart corridors	Construct Aztech smart corridors Phase 3 (design-build)	2	-1	2	
GLN00-703	\$917,500	Glendale: Turn lane	Construct 59th Ave for turn lane and sidewalk from Olive St to Mountain View Rd	1	2	1	
GDY04-204C	\$902,440	Goodyear: Conduit and fiber cable	Install conduit and fiber cable on Litchfield Rd from Wigwam Blvd to Maricopa County Route 85	3	-1	1	
GLN08-606C	\$686,825	Glendale: Fiber optic cable	Install fiber optic cable and video detection cameras	9	47	10	
GDY07-303	\$640,000	Goodyear: Traffic Operations Center	Purchase and install equipment for Traffic Operations Center	9	45	10	
TMP07-302	\$540,000	Tempe: Traffic signal controllers	Upgrade traffic signal controllers	24	-8	11	
GLB06-203B	\$368,401	Gilbert: Traffic management center	Design traffic management center (phase B) and purchase equipment	49	171	53	
GLN11-703	\$356,018	Glendale: Dynamic message signs	Purchase and install dynamic message signs and reversible lane control sign bridges with message signs	1	6	1	
TMP07-315	\$320,000	Tempe: Emergency vehicle preemption systems	Upgrade emergency vehicle preemption systems	24	-8	11	
TOTAL TRAFFIC FLOW IMPROVEMENTS				127	273	105	1

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Transit							
VMR07-703T RPT07-325	\$11,554,441	Valley Metro Rail: Central Phoenix - East Valley Light Rail Transit	Construct Central Phoenix-East Valley Light Rail Transit and repayment for construction of five Intermodal Transfer Facilities	142	1772	118	144
PHX07-308TR	\$400,000	Phoenix: Purchase bus	Purchase one standard bus	1	1	1	1
RPT07-326T	\$337,500	Valley Metro: Purchase Vanpool Vans	Purchase 15 vanpool vans	3	37	2	3
PHX04-213TRX	\$245,811	Phoenix: Regional park-and-ride	Repayment of advance design Interstate-17 and Happy Valley Rd regional park-and-ride	4	54	4	4
	\$12,537,752	TOTAL TRANSIT		150	1864	125	152
I/M and Other TCMs							
MAG07-307	\$1,947,109	MAG: PM-10 Certified Street Sweeper Program	Purchase PM-10 Certified Street Sweepers				1085
PEO03-101	\$845,000	Peoria: Pave dirt road	Pave dirt road on Carefree Highway from Lake Pleasant Rd to Beardsley Canal				214
CHN03-107R	\$162,000	Chandler: Pave dirt road	Pave dirt road on Ryan Rd from Arizona Ave to McQueen Rd				73
	\$2,954,109	TOTAL I/M AND OTHER TCMs					1372

PROJECT AMOUNT	PROJECT TYPE	CMAQ OBLIGATIONS
\$1,953,010	SHARED RIDE	6%
\$5,365,964	PEDESTRIAN/BICYCLE	17%
\$9,186,028	TRAFFIC FLOW IMPROVEMENTS	29%
\$12,537,752	TRANSIT	39%
\$2,954,109	I/M AND OTHER TCMS	9%
\$31,996,863	TOTAL CMAQ FUNDING FY2007	



POLLUTANT	TOTAL CMAQ EMISSIONS REDUCTIONS KG/DAY	CMAQ 2007 REDUCTIONS APPORTIONMENT
VOC	1504	7%
CO	17021	76%
NOx	1228	5%
PM10	2644	12%
TOTAL	22397	