

## O3 FLEX AGREEMENT FOR THE AUSTIN-ROUND ROCK MSA TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) PROJECT STATUS SUMMARY REPORT - DECEMBER 2003

PROJECT TYPE	TERMs PROJECT STATUS*				TERMs TOTALS		TOTAL EMISSION REDUCTIONS			
	Complete	On Time	Delayed	Deleted or Beyond 07	Total Eligible TERMs	Total Commitments	By 2003		By 2007	
							VOC	NOx	VOC	NOx
Intersection Improvements	84	39	7	2	130	239 Intersections	401.291	342.716	366.753	310.917
Signal Improvements	14	13	1	9	28	~ 1801 Signalized Intersections	564.381	460.869	653.959	598.938
Bicycle/Pedestrian Facilities	74	31	22	6	127	~ 146.76 Miles / 1400 Bike Racks	67.589	63.040	58.801	52.657
Grade Separations	0	1	1	1	2	3 Separations	0.000	0.000	5.939	5.279
Park & Ride Facilities	15	6	0	9	21	3577 Lot Spaces	50.271	46.887	98.264	87.998
Traffic Flow Improvements	7	0	0	0	7	30.26 Miles of Roadway	795.223	132.537	159.428	145.983
Intelligent Transportation System	16	10	0	1	26	> 55.773 Miles of Roadway	<i>not quantified</i>		<i>not quantified</i>	
<b>PROJECT STATUS TOTALS</b>										
	<b>210</b>	<b>100</b>	<b>31</b>	<b>28</b>	<b>341</b>	<b>Total Projects</b>	<b>1878.756</b>	<b>1046.049</b>	<b>1343.145</b>	<b>1201.773</b>
							<b>TOTAL TONS PER DAY REDUCED</b>			
							<b>By 2003</b>		<b>By 2007</b>	
							<b>0.939</b>	<b>0.523</b>	<b>0.672</b>	<b>0.601</b>
							<b>VOC</b>	<b>NOx</b>	<b>VOC</b>	<b>NOx</b>

\* Projects that have been deleted or pushed back beyond 2007 are taken out of the overall commitment totals, since they are no longer eligible commitments for O3Flex.

\* Each improvement has a different type of commitment. These commitments are units used to quantify emission reductions.

\* The City of Austin performs annual signal synchronizations consisting of around 250 signals (commitments). The "~" dictates that the total is an estimate.

**IMPORTANT NOTES:**

\* This TERMs Report shows the status of as of December 2003.

\* The "Complete" projects are complete and implemented within the region.

\* The "On Time" projects are those that will still be complete by the initial implementation date, or sooner.

\* The "Delayed" projects are those that have been pushed back a year or more from the initial implementation date, due to various reasons.

\* Deleted projects seen in the attached tables are projects that will no longer be implemented. These projects will be replaced with projects of similar emission reductions.

**CITY OF AUSTIN TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
INTERSECTION IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	AT STREET	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
								VOC	NOx	VOC	NOx
Intersection Improvement	Austin	Burnet	North Loop Blvd.	Add NB/SB turn lanes	2001	Complete	1	2.290	1.944	1.705	1.404
Intersection Improvement	Austin	Lamar	North Loop Blvd.	Add EB/WB LT lanes	2001	Complete	1	4.849	4.117	3.611	2.974
Intersection Improvement	Austin	Cesar Chavez St.	IH 35 ESR	Add WB through/RT lane	2002	Complete	1	0.137	0.116	0.112	0.092
Intersection Improvement	Austin	Cameron Dr	Cross Park Dr	Add WB through/RT lane	2002	Complete	1	0.378	0.321	0.309	0.255
Intersection Improvement	Austin	Riverside Dr	Pleasant Valley	Add WB merge/acceleration lane	2002	Complete	1	4.645	3.944	3.369	2.774
Intersection Improvement	Austin	Riverside Dr	Wickersham	Add EB left turn lane	2002	Complete	1	4.645	3.944	3.369	2.774
Intersection Improvement	Austin	Brodie Ln	William Cannon Dr	Add WB through lane, RT lane & EB LT lane	2003	Complete	1	0.607	0.515	0.496	0.408
Intersection Improvement	Austin	Brodie Ln	Slaughter Ln	Add EB through lane, WB LT lane, NB & SB LT lanes	2003	On Time	1	0.824	0.700	0.674	0.555
Intersection Improvement	Austin	Braker Ln	Metric Blvd	Add WB through lane and NB RT lane	2004	On Time	1	N/A	N/A	0.223	0.183
Intersection Improvement	Austin	45th St	Guadalupe St	Add EB & WB LT lanes	2004	On Time	1	N/A	N/A	0.142	0.117
Intersection Improvement	Austin	Guadalupe St	38th St	WB LT Lane extended	2004	On Time	1	N/A	N/A	0.163	0.134
<b>TOTALS</b>								<b>18.375</b>	<b>15.602</b>	<b>14.172</b>	<b>11.671</b>

**CITY OF AUSTIN TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
SIGNAL IMPROVEMENTS**

PROJECT TYPE	PROJECT AGENCY	PROJECT NAME	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# SIGNALIZED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
							VOC	NOx	VOC	NOx
Signal Improvement	Austin	Traffic signal synchronization	Install traffic detection devices, modify signal phasing/timing and monitor signal timing effectiveness	2001	Complete	268	351.008	219.011	139.169	85.238
Signal Improvement	Austin	Traffic signal synchronization	Traffic signal synchronization at various locations throughout the city.	2002	Complete	246	98.871	112.996	81.972	81.972
Signal Improvement	Austin	Traffic signal synchronization	Traffic signal synchronization at various locations throughout the city.	2003	Complete	266	106.910	122.182	88.637	88.637
Signal Improvement	Austin	Traffic signal synchronization*	Traffic signal synchronization at various locations throughout the city.	2004	On Time	250	N/A	N/A	83.305	83.305
Signal Improvement	Austin	Traffic signal synchronization*	Traffic signal synchronization at various locations throughout the city.	2005	On Time	250	N/A	N/A	83.305	83.305
Signal Improvement	Austin	Traffic signal synchronization*	Traffic signal synchronization at various locations throughout the city.	2006	On Time	250	N/A	N/A	83.305	83.305
Signal Improvement	Austin	Traffic signal synchronization*	Traffic signal synchronization at various locations throughout the city.	2007	On Time	250	N/A	N/A	83.305	83.305
						<b>TOTALS</b>	<b>556.789</b>	<b>454.190</b>	<b>643.000</b>	<b>589.069</b>

\* These synchronizations were projected using data averages based on the 2001 Synchronization.

NOTE: Each annual synchronization includes an average of 250 signals, within 30 to 35 signalized segments or segment groups.

**CITY OF AUSTIN TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	PROJECT AGENCY	PROJECT NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Bike/Ped	Austin	Clarksville Bike/Ped Access Ramp	Under LP 1 at 5th & 6th Sts.	Ramp from E-W Trail to NW Johnson Creek Trail	Bike/Ped add ramp	1998	Complete	0.028	0.001	0.001	0.001	0.001
Bike/Ped	Austin	Red River St. Sidewalk	West Cesar Chavez	12th St.	Complete Sidewalk Segment	1998	Complete	0.76	0.062	0.058	0.051	0.045
Bike/Ped	Austin	Trinity Street Sidewalk	6th St.	12th St.	Complete Sidewalk Segment	1998	Complete	0.34	0.019	0.018	0.016	0.014
Bike/Ped	Austin	West 5th St. Sidewalk	Loop 1	Lamar Blvd.	Construct Sidewalk	1998	Complete	0.8	0.274	0.256	0.223	0.200
Bike/Ped	Austin	West Stassney Lane Sidewalk	1600 Block	S. 1st St.	Sidewalk Construction on S side of Stassney	1998	Complete	0.8	0.214	0.200	0.174	0.156
Bike/Ped	Austin	Saltillo Plaza Bike Route	7th and Comal	Town Lake Hike and Bike Trail	Bike route with lanes and signs	1998	Complete	1.3	0.068	0.064	0.056	0.050
Bike/Ped	Austin	South First St Sidewalk	Dittmar Ln	Thelma Dr	Construct 6' sidewalk on east side of S. 1st St.	1998	Complete	0.7	0.105	0.098	0.085	0.076
Bike/Ped	Austin	Bluff Springs Rd. Sidewalk	Quicksilver Blvd	Perkins Dr	Construct 6' Sidewalk on east side	1999	Complete	1.1	0.039	0.036	0.031	0.027
Bike/Ped	Austin	Bicycle Parking **	Various Locations	-	Install 1400 bicycle racks	2000	Complete	1400 racks	54.359	50.701	35.020	31.361
Bike/Ped	Austin	South First St Sidewalk	Heartwood Dr	Ramble Ln	Construct sidewalk on east side of 1st St.	2000	Complete	0.35	0.114	0.106	0.087	0.078
Bike/Ped	Austin	E. Austin Sidewalks	Between Airport Blvd, IH 35, & Colorado River	-	14,250ft of sidewalks	2000	Complete	2.7	0.217	0.203	0.167	0.149
Bike/Ped	Austin	Enfield Rd Bikeway	Scenic Rd.	Exposition	Install bike lane on south side	2001	Complete	0.76	0.088	0.082	0.065	0.059
Bike/Ped	Austin	45th St Sidewalk	Guadalupe St	Airport Blvd	Engineering design and construction of sidewalk	2001	Complete	1.2	0.295	0.275	0.220	0.197
Bike/Ped	Austin	Woodland Ave Bikeway	Parker Ln	Willow Creek Dr	Install bike lanes on both sides	2001	Complete	0.34	0.023	0.022	0.017	0.016
Bike/Ped	Austin	51st St Sidewalk	IH 35	Waterbrook Dr	Construct sidewalk on north side of 51st St.	2001	Complete	1.23	0.332	0.310	0.249	0.223
Bike/Ped	Austin	Hartford Rd Sidewalk	Windsor Rd	Loop 1 entrance ramp	Design & Construct Sidewalk	2001	Complete	0.052	0.002	0.002	0.001	0.001
Bike/Ped	Austin	Robert E. Lee Rd Sidewalk	Barton Springs Rd	Barton Hills Dr	Design & Construct Sidewalk on W side	2001	Complete	0.45	0.084	0.078	0.063	0.056
Bike/Ped	Austin	Woodward St Sidewalk	IH 35	Ben White Blvd	Design & Construct Sidewalk on N side	2002	Complete	0.55	0.120	0.112	0.088	0.078
Bike/Ped	Austin	West Slaughter Ln Sidewalk	Escarpment Blvd	Barstow	Design & Construct Sidewalk	2002	Complete	1.27	0.117	0.109	0.085	0.076
Bike/Ped	Austin	Shoal Creek Bike Path	34th St	39th St	Trail design and construction	2002	Complete	0.4	0.024	0.022	0.017	0.015

**CITY OF AUSTIN TRANSPORTATION EMISSION REDUCTION MEASURES**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	PROJECT AGENCY	PROJECT NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Bike/Ped	Austin	William Cannon Bike Lanes & Sidewalk - Phase II	Pleasant Valley Dr.	Running Water Dr.	Sidewalk & wide-striped BL on N side of Wm Cannon (1.1mi)	2002	Complete	2.2	0.333	0.310	0.242	0.217
Bike/Ped	Austin	Barton Springs Rd Sidewalks	Jessie	Robert E. Lee Rd	5ft Sidewalk on both sides	2002	Complete	0.81	0.298	0.278	0.217	0.194
Bike/Ped	Austin	Lamar Blvd. Sidewalk	South of Riverside Dr	Treadwell St	Construct Sidewalk to City Standards on East side of Lamar	2002	Complete	0.56	0.363	0.338	0.264	0.237
Bike/Ped	Austin	Cameron Rd Sidewalk	Athletic Dr	Coronado Hills	Construct sidewalk on east side of Cameron Rd	2002	Complete	0.49	0.160	0.149	0.117	0.104
Bike/Ped	Austin	Lake Austin Blvd Sidewalk	Exposition Blvd	Deep Eddy Ave	Construct sidewalk to City Standards	2002	Complete	0.49	0.154	0.144	0.112	0.100
Bike/Ped	Austin	Shoal Creek Bike Route	Town Lake	Sixth St.	Bike trail	2002	Complete	0.4	0.242	0.226	0.177	0.158
Bike/Ped	Austin	Bicycle Route Road Improvements (3)	51st St @ IH35; 45th @ IH35; along Gracy Farms Rd	-	Roadway modifications at 3 locations 0.26 mi total	2003	Complete	0.26	0.085	0.080	0.062	0.056
Bike/Ped	Austin	Martin Luther King, Jr. Blvd Sidewalk	Sprindale Rd	US 183	Construct sidewalk to City Standards on one side of MLK	2003	On Time	1.08	0.294	0.274	0.208	0.187
Bike/Ped	Austin	IH 35 Frontage TCEQ Pedestrian Access	Wren Ave	Park 35 Circle	Design & Construct Sidewalk	2003	Complete	1.27	0.267	0.249	0.189	0.170
Bike/Ped	Austin	45th St Sidewalk	Loop 1	Burnet Rd	Design & Construct Sidewalk	2004	On Time	1.23	N/A	N/A	0.281	0.251
Bike/Ped	Austin	Pleasant Valley Rd. Bike/Ped Facility Phase 1	E. Oltorf	Lakeshore Blvd	Construct bike lanes on existing roadway	2004	On Time	1.21	N/A	N/A	0.204	0.183
Bike/Ped	Austin	Anderson Mill Rd Sidewalks	US 183	Pond Springs Rd.	Construct Sidewalks	2004	On Time	0.35	N/A	N/A	0.040	0.036
Bike/Ped	Austin	Austin Crosstown Bike Trail - renamed LANCE	Veterans Dr & Lake Austin	Colorado River Park/US 183 (S)	6mi bike trail	2004	On Time	6	N/A	N/A	1.750	1.567
Bike/Ped	Austin	Dittmar Rd Bike Lanes & Sidewalks	S 1st St	Manchaca Rd	5ft striped bike lanes & 5 - 6' sidewalks on both sides (1.45mi)	2004	On Time	2.9	N/A	N/A	0.157	0.140
Bike/Ped	Austin	West Mary St Sidewalk	Lamar Blvd	S. 5th St	Construct sidewalk to City Standards on North side of West Mary St.	2004	On Time	0.4	N/A	N/A	0.027	0.024

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PROJECT TYPE	PROJECT AGENCY NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)		
								VOC	NOx	VOC	NOx	
Bike/Ped	Austin	Jollyville Rd Sidewalk	Floral Park	Braker Ln	Complete gaps in sidewalk on west side, access to transit stops, residential, retail, etc.	2004	On Time	0.53	N/A	N/A	0.149	0.133
Bike/Ped	Austin	Jollyville Rd/Lp 360 Bike/Ped Crossing	Jollyville Rd.	Arboretum Blvd.	Improved bike/ped crossing at 360, 10ft path connecting bike route to 2 malls, Dell	2004	On Time	0.53	N/A	N/A	0.008	0.007
Bike/Ped	Austin	Barton Springs Rd Bike Lanes	Robert E. Lee Rd	Rollingwood Dr	Install 5ft shoulder, complete gap, access to Zilker Park	2004	On Time	0.75	N/A	N/A	0.177	0.158
Bike/Ped	Austin	Loyola Ln 6ft Bike Lane & Sidewalk	US 183	Decker Ln	Bike lane & sidewalk on one side (1.3mi)	2004	On Time	2.6	N/A	N/A	0.385	0.345
Bike/Ped	Austin	Boggy Creek Trail	Downs-Mabson Baseball Field	Town Lake Hike and Bike Trail	Construct hike/bike trail	2004	On Time	0.85	N/A	N/A	0.073	0.065
Bike/Ped	Austin	Brodie Lane Bikeway	William Cannon Dr.	Slaughter Ln	Install bike lanes on both sides (2 segments - split at Davis)	2005	Delayed - no letting date by TxDOT	2.44	N/A	N/A	0.731	0.655
Bike/Ped	Austin	East 7th Street Bikeway	Webberville Rd	Springdale Rd	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	1.06	N/A	N/A	0.250	0.223
Bike/Ped	Austin	East 12th St Bikeway	San Jacinto	IH 35	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	0.34	N/A	N/A	0.015	0.014
Bike/Ped	Austin	Hancock Drive Bike Lanes	Loop1	North Loop Blvd.	Install 5ft bike lanes on both sides	2005	Delayed - no letting date by TxDOT	0.742	N/A	N/A	0.068	0.061
Bike/Ped	Austin	Jollyville Rd. Bikeway	US 183	Great Hills Tr.	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	3.3	N/A	N/A	0.685	0.614
Bike/Ped	Austin	Metric Blvd Bikeway	Howard Ln.	Bittern Hollow Rd.	Install bike lanes on both sides (2-segment proj.splits at Parmer Ln.)	2005	Delayed - no letting date by TxDOT	2.88	N/A	N/A	0.571	0.512
Bike/Ped	Austin	North Loop Blvd. Bikeway	Lamar Blvd	53rd St	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	0.47	N/A	N/A	0.036	0.032
Bike/Ped	Austin	Oltorf Rd Bikeway	Willow Creek Dr.	Montopolis Dr.	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	1.98	N/A	N/A	1.006	0.901

**CITY OF AUSTIN TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	PROJECT AGENCY NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)		
								VOC	NOx	VOC	NOx	
Bike/Ped	Austin	Parkfield Dr. Bikeway	Bittern Hollow Dr	Peyton Gin Rd	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	1.82	N/A	N/A	0.137	0.123
Bike/Ped	Austin	San Jacinto Bikeway	MLK Blvd	5th Street	Install bike lane on one side	2005	Delayed - no letting date by TxDOT	0.9	N/A	N/A	0.122	0.109
Bike/Ped	Austin	Slaughter Ln Bikeway	Manchaca Rd	S. 1st St	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	2.44	N/A	N/A	0.849	0.760
Bike/Ped	Austin	Trinity St Bikeway	MLK Blvd	5th Street	Install bike lane on one side	2005	Delayed - no letting date by TxDOT	1	N/A	N/A	0.050	0.045
Bike/Ped	Austin	William Cannon Dr Bikeway	IH 35 (S)	Pleasant Valley Rd	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	1.6	N/A	N/A	0.458	0.410
Bike/Ped	Austin	Stassney Ln. West Bikeway	Westgate Blvd	Manchaca Rd	Install bike lanes on both sides	2005	Delayed - no letting date by TxDOT	0.63	N/A	N/A	0.232	0.208
Bike/Ped	Austin	MLK Blvd. Sidewalk	Airport Blvd	Springdale Rd	Design & Construct Sidewalk on north side of MLK	2005	Delayed - no letting date by TxDOT	1.27	N/A	N/A	0.249	0.223
Bike/Ped	Austin	East Stassney Ln Bikeway	Congress Ave	IH 35 (S)	Install 6ft wide bike lanes on both sides	2005	Delayed - no letting date by TxDOT	0.8	N/A	N/A	0.195	0.175
Bike/Ped	Austin	Lamar Bike/Ped Bridge North Extension	North Shore Town Lake	north of Sandra Muraida Way	B-P bridge ext. over Cesar Chavez & Sandra Muraida connecting Lamar Blvd	2006	On Time	0.166	N/A	N/A	0.094	0.084
<b>TOTALS</b>								<b>58.752</b>	<b>54.798</b>	<b>47.301</b>	<b>42.359</b>	

\*\* This project is not a linear facility. Its quantification is different than that of linear projects, since it is an end-use facility.

**TRANSPORTATION EMISSION REDUCTION MEASURES (Small Cities)**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**INTERSECTION IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	FROM / AT	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Intersection Improvement	Sunset Valley	Brodie Lane Roadway & Safety Improvements	Red Bird Trail	S. of US 290 frontage road	Construct turn bays and signals (1 street, 2 mall entrances)	2002	Complete	3	10.363	8.799	7.515	6.189
Intersection Improvement	Round Rock	AW Grimes	Gattis School Rd.	-	Construct 2 LT lanes and 2 RT lanes	2002	Complete	1	0.757	0.711	0.541	0.507
Intersection Improvement	Round Rock	Louis Henna	Meister Ln.	-	Construct LT lane	2003	Complete	1	0.886	0.832	0.618	0.578
Intersection Improvement	Round Rock	Gattis School Rd.	Via Sonoma	-	Construct LT lane	2004	Delayed	1	N/A	N/A	0.711	0.665
Intersection Improvement	Round Rock	Forest Creek Blvd.	Rusk Rd	-	Construct LT lane	2004	On Time	1	N/A	N/A	0.453	0.424
Intersection Improvement	Round Rock	Double Creek Dr. - Phase II	Gattis School Rd	-	Construct LT lane, RT lane, and 2 thru lanes	2004	On Time	1	N/A	N/A	0.170	0.159
Intersection Improvement	Round Rock	Forest Creek Blvd.	Double Creek	-	Construct LT lane	2005	Delayed	1	N/A	N/A	0.453	0.424
Intersection Improvement	Round Rock	CR122/Red Bud Ln.	CR 123	Gattis School Rd	Construct continuous 2-way LT lane	2006	Delayed	14	N/A	N/A	8.575	8.022
Intersection Improvement	Round Rock	CR122/Red Bud Ln.	Forest Ridge Blvd.	-	Construct LT lane	2006	On Time	1	N/A	N/A	0.612	0.573
Intersection Improvement	Round Rock	CR122/Red Bud Ln.	US 79	-	Construct RT lane, 2 new thru lanes, & LT lane	2006	On Time	1	N/A	N/A	0.543	0.508
Intersection Improvement	Round Rock	CR 113 (Kiphen Rd.)	FM1460	CR122	(some pairs), & 1 RT lane	2007	Delayed	9	N/A	N/A	2.069	1.936
Intersection Improvement	Round Rock	Sam Bass Rd.	IH 35 SB frontage	-	Construct new thru lane	2007	On Time	1	N/A	N/A	1.497	1.401
Intersection Improvement	Round Rock	Sam Bass Rd.	Chisolm Trail	-	Construct RT Lane and 2 LT lanes	2007	On Time	1	N/A	N/A	1.497	1.401
<b>TOTALS</b>									<b>12.006</b>	<b>10.342</b>	<b>25.256</b>	<b>22.785</b>

**TRANSPORTATION EMISSION REDUCTION MEASURES (Small Cities)**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Bike/Ped	Cedar Park	East Park St. Sidewalks	US 183	Buffalo Ave.	Construct Sidewalks	1997	Complete	0.53	0.024	0.022	0.020	0.018
Bike/Ped	Pflugerville	Mokan Trail	Pfenning Ln	Applewood St.	Bikepath Construction	1998	Complete	0.90	0.078	0.072	0.063	0.056
Bike/Ped	Pflugerville	Pfairway Hike/Bike Trail	1100 ft north of FM 1825	2100ft south of FM 1825	Bike/Ped Trail	1999	Complete	0.60	0.151	0.141	0.119	0.107
Bike/Ped	Lakeway	Lakeway Dr Bike/Ped Trail	Dragon St	The Lakeway Inn	Construct multi-use 4' concrete trail	2003	On Time	0.63	0.011	0.010	0.008	0.007
Bike/Ped	Cedar Park	Revitalization Project - Ped Accessibility	Cypress Creek Rd (S)	FM 1431 (N)	commercial areas & to govt offices, complete gaps on both sides of US 183	2004	Delayed - moved back by TxDOT	1.50	N/A	N/A	0.810	0.725
Bike/Ped	Rollingwood	Bike/Ped Safety Project & Park Trail System*	Various locations	-	Provide bike lane striping and construct walking trail	2004	Delayed - In Design	2.00	N/A	N/A	0.076	0.068
Bike/Ped	Leander	Bagdad Rd (S) Sidewalk (CR 278)	Crystal Falls Pkwy	Leander HS	Install 6ft sidewalk on both sides, complete gap to HS	2004	On Time	0.90	N/A	N/A	0.056	0.050
Bike/Ped	Manor	Manor Sidewalk Improvement Program	Old Hwy 20 bridge	east end of Wheeler	4ft sidewalk; complete gaps near schools, park, downtown.	2005	On Time	1.13	N/A	N/A	0.011	0.010
Bike/Ped	Round Rock	North Mays Ave Sidewalks	Texas Ave.	Old Settlers Blvd.	Construct Sidewalks	2006	Delayed - late letting schedule	0.39	N/A	N/A	0.045	0.040
<b>TOTALS</b>									<b>0.263</b>	<b>0.246</b>	<b>1.208</b>	<b>1.082</b>

\* The length of this project is estimated.

**CAPITAL METRO TRANSPORTATION EMISSION REDUCTION MEASURES**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**PARK & RIDE FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# LOT SPACES	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
							VOC	NOx	VOC	NOx
Park & Ride	Capital Metro	Pavillion Park & Ride US 183 and Jollyville Rd	254 space P&R facility	2001	Complete	254	12.551	11.706	8.085	7.241
Park & Ride	CapMetro / Austin	Austin High School Park & Ride at Atlanta St	50 space P&R facility	2001	Complete	50	0.448	0.418	0.289	0.259
Park & Ride	CapMetro	Harris Branch Park & Ride	10 space P&R facility	2001	Complete	10	0.412	0.385	0.266	0.238
Park & Ride	CapMetro / Jonestown	Jonestown Park and Ride at Crestview	8 space P&R facility	2001	Complete	8	0.860	0.802	0.554	0.496
Park & Ride	CapMetro	Jonestown Park & Ride at FM 1431 and Main	5 space P&R facility	2001	Complete	5	0.537	0.501	0.346	0.310
Park & Ride	CapMetro	Lago Vista Park & Ride at Dawn Dr. and Thunderbird	20 space P&R facility	2001	Complete	20	2.267	2.115	1.461	1.308
Park & Ride	CapMetro	Leander Church of Christ P&R: 300 Crystal Falls	30 space P&R facility	2001	Complete	30	2.215	2.066	1.427	1.278
Park & Ride	CapMetro	Manor Park & Ride at Burnet and Townes	8 space P&R facility	2001	Complete	8	0.408	0.381	0.263	0.236
Park & Ride	CapMetro	Manor Park & Ride at San Marcos and Burton	6 space P&R facility	2001	Complete	6	0.306	0.286	0.197	0.177
Park & Ride	CapMetro	Oak Hill Plaza Park & Ride at US 290W and SH 71	50 space P&R facility	2001	Complete	50	1.632	1.522	1.051	0.942
Park & Ride	CapMetro	Wells Branch HEB Park & Ride at IH35 and Wells Branch Parkway	50 space P&R facility	2001	Complete	50	2.474	2.307	1.594	1.427
Park & Ride	CapMetro / Austin	Northwest (interim) Park & Ride at Lakeline Mall Dr. & Lake Creek Pkwy	114 space P&R facility	2001	Complete	114	7.200	6.715	4.638	4.154
Park & Ride	CapMetro	Dillo Park & Ride at Toomey Road	100 space P&R facility	2001	Complete	100	0.577	0.538	0.372	0.333
Park & Ride	CapMetro / Austin	Kreig Softball Complex P&R on Pleasant Valley Rd.	100 space P&R facility	2001	Complete	100	1.285	1.199	0.828	0.741
Park & Ride	CapMetro	NW Austin P&R at Lyndhurst & Lakeline Blvd.	500 space P&R facility	2004	Delayed - Opens 1/04	500	N/A	N/A	19.369	17.346
Park & Ride	CapMetro	Leander Park & Ride	200 space P&R facility	2004	On Time	200	N/A	N/A	11.068	9.912
Park & Ride	CapMetro	N IH 35 Park & Ride	500 space P&R facility	2004	On Time	500	N/A	N/A	13.614	12.192
Park & Ride	CapMetro	North Dillo Park & Ride (the Triangle)	200 space P&R facility at Lamar & Guadalupe	2005	On Time	200	N/A	N/A	1.638	1.467
Park & Ride	CapMetro	South Central Transit Ctr.	400 space P&R facility	2005	On Time	400	N/A	N/A	1.328	1.189
Park & Ride	CapMetro	Harris Branch Park & Ride	400 space P&R facility	2007	On Time	400	N/A	N/A	10.626	9.515
Park & Ride	CapMetro	S IH 35 Park & Ride	400 space P&R facility	2007	On Time	400	N/A	N/A	8.235	7.374
<b>TOTALS</b>							<b>33.174</b>	<b>30.941</b>	<b>87.250</b>	<b>78.134</b>

**COUNTY TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
INTERSECTION IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Intersection Improvement	Travis Co	Springdale Rd	US 290 E	-	Add LT lane	1999	Complete	1	0.336	0.288	0.275	0.236
Intersection Improvement	Travis Co	Southwest Parkway	SH 71 W	-	Realign intersection	2000	Complete	1	0.471	0.404	0.374	0.321
Intersection Improvement	Travis Co	Lohman's Crossing	RM 620	-	Realign intersection and Add LT bay	2000	Complete	1	0.497	0.426	0.395	0.338
Intersection Improvement	Travis Co	Lohman's Crossing	Lohmans Spur	-	Add NB LT bay	2000	Complete	1	0.497	0.426	0.395	0.338
Intersection Improvement	Travis Co	Lohman's Crossing	Wingreen Loop	-	Add NB LT bay	2000	Complete	1	0.497	0.426	0.395	0.338
Intersection Improvement	Travis Co	Howard Ln	Dessau Rd	-	Realign intersection and Add LT bay	2000	Complete	1	0.356	0.305	0.283	0.243
Intersection Improvement	Travis Co	General Williamson Dr	RM 620	-	Add LT lane	2001	Complete	1	0.029	0.025	0.022	0.019
Intersection Improvement	Travis Co	Bratton Ln	Merriltown Dr.	-	Add dedicated LT lane	2002	Complete	1	0.401	0.343	0.302	0.259
Intersection Improvement	Travis Co	Westbank Dr.	Camp Craft Rd.	Allen Rd.	Install continuous LT lane & EB RT bay at Allen Rd.	2003	Complete	5	3.193	2.737	2.345	2.010
Intersection Improvement	Travis Co	Ferguson Ln	Tuscany Way	-	Add EB RT bay	2004	Delayed	1	N/A	N/A	0.091	0.078
Intersection Improvement	Travis Co	Ferguson Ln	Wall St.	Sprinkle Rd.	Add continuous LT lane & EB RT bay at Wall St.	2004	Delayed	3	N/A	N/A	0.524	0.449
Intersection Improvement	Travis Co	Blake Manor Rd**	Briarcreek Loop	-	Add EB LT bay	2004	On Time	1	N/A	N/A	0.134	0.115
Intersection Improvement	Travis Co	Anderson Mill Rd	RM 620	-	Add WB LT lane onto 620	2006	On Time	1	N/A	N/A	0.514	0.441
Intersection Improvement	Travis Co	Anderson Mill Rd	Fence Post Trail	-	Add EB left turn bay	2006	On Time	1	N/A	N/A	0.514	0.441
Intersection Improvement	Travis Co	Anderson Mill Rd	Antler Lane	-	Add WB left turn bay	2006	On Time	1	N/A	N/A	0.514	0.441
Intersection Improvement	Travis Co	Anderson Mill Rd	Bristle Oaks	-	Add EB left turn bay	2006	On Time	1	N/A	N/A	0.597	0.512
Intersection Improvement	Travis Co	Anderson Mill Rd	Starview Trail	-	Add EB left turn bay	2006	On Time	1	N/A	N/A	0.597	0.512
Intersection Improvement	Travis Co	Anderson Mill Rd	Pecan Creek	-	Add EB left turn bay	2006	On Time	1	N/A	N/A	0.597	0.512
Intersection Improvement	Travis Co	Anderson Mill Rd	Taterwood Drive	-	Add WB left turn bay	2006	On Time	1	N/A	N/A	0.272	0.233
Intersection Improvement	Travis Co	Anderson Mill Rd	Crosstimber Dr	-	Add EB left turn bay	2006	On Time	1	N/A	N/A	0.272	0.233
Intersection Improvement	Travis Co	Anderson Mill Rd	Spicewood Pkwy	-	Add WB left turn bay	2006	On Time	1	N/A	N/A	0.220	0.188
Intersection Improvement	Travis Co	Anderson Mill Rd**	RM 620	-	Add WB RT bay	2006	On Time	1	N/A	N/A	0.530	0.454

**COUNTY TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
INTERSECTION IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Intersection Improvement	Travis Co	Anderson Mill Rd	Cypress Creek Rd	-	Add SB left turn bay	2007	On Time	1	N/A	N/A	0.351	0.301
Intersection Improvement	Travis Co	Grand Avenue Pkwy	Black Locust Dr.	-	Add SB LT bay	2007	On Time	1	N/A	N/A	0.473	0.405
Intersection Improvement	Travis Co	Grand Avenue Pkwy	Picadilly Dr.	-	Add NB & SB LT bay	2007	On Time	1	N/A	N/A	0.350	0.300
Intersection Improvement	Travis Co	Grand Avenue Pkwy	Cambridge Heights	-	Add NB LT bay	2007	On Time	1	N/A	N/A	0.278	0.238
Intersection Improvement	Travis Co	Grand Avenue Pkwy	Tobermory Dr.	-	Add SB LT bay	2007	On Time	1	N/A	N/A	0.278	0.238
Intersection Improvement	Travis Co	Grand Avenue Pkwy	Blvd./Pflugerville Loop	-	Add NB and SB LT bays	2007	On Time	1	N/A	N/A	0.278	0.238
Intersection Improvement	Travis Co	Howard Ln	IH 35	-	Add EB LT and RT bay	2007	On Time	1	N/A	N/A	0.483	0.414
Intersection Improvement	Travis Co	Elroy Rd.	FM 973	-	Add WB LT and RT bay	2007	On Time	1	N/A	N/A	0.128	0.110
Intersection Improvement	Travis Co	Elroy Rd.	Ross Rd	-	Add EB left turn bay	2007	On Time	1	N/A	N/A	0.114	0.098
Intersection Improvement	Travis Co	Grand Ave. Pkwy**	PISD entrance	-	Add SB LT bay	2007	On Time	1	N/A	N/A	0.361	0.309
Intersection Improvement	Travis Co	Anderson Mill Rd*	FM 1431	-	Add NB LT and RT bay	-	Deleted	1	N/A	N/A	N/A	N/A
Intersection Improvement	Williamson / TxDOT / Round Rock	CR 122	US 79	-	Add turn lanes, traffic signal, & realignment	2001	Complete	1	0.919	0.506	0.675	0.631
Intersection Improvement	Williamson Co.	Cedar Hollow	US 29	-	Add LT lane & make geometric improvements	2002	Complete	1	0.146	0.081	0.105	0.098
Intersection Improvement	Williamson Co.	RM 620	Wyoming Springs	-	Geometric Improvements	2002	Complete	1	4.899	2.699	3.504	3.278
Intersection Improvement	Williamson / Leander	FM 2243	Bagdad Rd.	-	Add turn lanes	2004	Delayed	1	N/A	N/A	0.597	0.558
Intersection Improvement	Williamson Co.	Oak Grove Rd.	US 183	-	Realignment, turn lanes, & traffic signal	2004	On Time	1	N/A	N/A	0.001	0.001
<b>TOTALS</b>									<b>12.240</b>	<b>8.666</b>	<b>18.136</b>	<b>15.927</b>

\*\* New TERMS committed to in order to replace emission reductions lost by deleting or delaying projects beyond 2007

Substitutions are not required to be of the same type, but must reduce the same amount or more emissions.

\* TERM(s) delayed beyond 2007, making it no longer eligible under O3Flex

**COUNTY TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
SIGNAL IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	AT STREET	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# SIGNALIZED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
								VOC	NOx	VOC	NOx
Signal Improvement	Travis Co	Dessau Rd Signal Installation	Wandering Way	Signal Installation	1999	Complete	1	1.391	1.174	1.066	0.853
Signal Improvement	Travis Co	Westbank Signal Installation	Allen Rd.	Signal Installation	1999	Complete	1	0.568	0.479	0.435	0.348
Signal Improvement	Travis Co	Southwest Parkway	Travis Cook	Signal Installation	2000	Complete	1	0.895	0.755	0.667	0.534
Signal Improvement	Travis Co	McKinney Falls Pkwy.	William Cannon Dr.	Signal Installation	2001	Complete	1	0.335	0.282	0.243	0.194
Signal Improvement	Travis Co	Braker Ln	Bluff Bend / Wedgewood Dr.	Signal Installation	2001	Complete	1	1.265	1.068	0.918	0.734
Signal Improvement	Williamson Co	FM 1460	CR 113	Signal Installation	2002	Complete	1	0.221	0.206	0.155	0.147
Signal Improvement	Williamson Co	FM 1869	SH 29	Signal Installation	2003	Complete	1	0.715	0.665	0.489	0.461
Signal Improvement	Williamson Co	SH 29	Loop 332	Signal Installation	2004	On Time	1	N/A	N/A	0.646	0.610
Signal Improvement	Williamson Co	SH 29	DB Wood	Signal Installation	2004	On Time	1	N/A	N/A	0.662	0.625
Signal Improvement	Williamson Co	SH 29	Inner Loop	Signal Installation	2004	On Time	1	N/A	N/A	0.488	0.460
Signal Improvement	Williamson Co	US 29	CR 110	Signal Installation	2004	On Time	1	N/A	N/A	0.618	0.584
Signal Improvement	Williamson Co	FM 1460	Chandler Rd.	Signal Installation	2004	On Time	1	N/A	N/A	0.140	0.132
Signal Improvement	Williamson Co	SH 95	FM 1331/CR 365	Signal Installation	2004	On Time	1	N/A	N/A	0.386	0.364
<b>TOTALS</b>								<b>5.390</b>	<b>4.629</b>	<b>6.912</b>	<b>6.047</b>

**COUNTY TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	FROM / AT	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Bike/Ped	Travis Co.	Lohman's Crossing	Lakeway Blvd.	Wingreen Loop	New Sidewalks	1998	Complete	0.8	0.112	0.104	0.091	0.081
Bike/Ped	Travis Co.	Old Lampasas Trail	Spicewood Springs Rd.	Talleyran Dr.	New Sidewalks	1998	Complete	1.7	0.073	0.068	0.060	0.053
Bike/Ped	Travis Co.	Bowie High School Sidewalk (Slaughter Ln)	Bowie High School	Escarpment Blvd.	Construct 6' sidewalk on south side	1998	Complete	0.4	0.125	0.117	0.102	0.091
Bike/Ped	Travis Co.	New Eanes Elementary School Sidewalk	Along S side of Cedar St.	-	Construct 6' sidewalk	1998	Complete	0.5	0.009	0.008	0.007	0.006
Bike/Ped	Travis Co.	Brodie Lane Sidewalks	Shady Hollow Section #5	Southland Oaks Estates Section #3	Construct sidewalks between the 2 sections	1999	Complete	0.5	0.053	0.049	0.042	0.038
Bike/Ped	Travis Co.	Merilltown Dr. Sidewalk	Bratton Ln	Town Hill Dr.	Add Sidewalk	1999	Complete	0.1	0.008	0.008	0.006	0.006
Bike/Ped	Travis Co.	McNeil Dr. Sidewalk	420ft W of Parmer Ln.	Austin City Limits	Add Sidewalk	1999	Complete	0.3	0.102	0.095	0.081	0.072
Bike/Ped	Travis Co.	Wells Port Dr. Sidewalk	Alpha Collier Dr.	Waterway Bend	Add SB Sidewalk	1999	Complete	0.1	0.003	0.003	0.003	0.002
Bike/Ped	Travis Co.	Wells Port Dr. Sidewalk	Natural Spring Way	Cervin Blvd.	Add NB Sidewalk	1999	Complete	0.1	0.007	0.006	0.005	0.005
Bike/Ped	Travis Co.	Lime Creek Rd. Sidewalk	260ft. N of Dodd St.	FM 2769	Add Sidewalk	2000	Complete	0.2	0.002	0.002	0.001	0.001
Bike/Ped	Travis Co.	Bluff Springs Rd. Sidewalk	Quicksilver Blvd.	Perkins Dr.	Add Sidewalk	2000	Complete	0.9	0.032	0.030	0.025	0.022
Bike/Ped	Travis Co.	Double File Trail Sidewalk	Wells Branch Pkwy	Single Trace	Add Sidewalk	2000	Complete	0.4	0.006	0.006	0.005	0.004
Bike/Ped	Travis Co.	Brodie Lane Sidewalks	Doe Run	Socorro Cir.	Add Sidewalks	2000	Complete	0.6	0.131	0.122	0.101	0.090
Bike/Ped	Travis Co.	Howard Lane Sidewalks	Austin City Limits	Dessau Rd.	Add Sidewalks on both sides	2000	Complete	1.2	0.224	0.209	0.172	0.154
Bike/Ped	Travis Co.	Lohmans Crossing Sidewalks	Lakeway Blvd.	RM 620	Add sidewalks	2000	Complete	1.4	0.211	0.197	0.162	0.145
Bike/Ped	Travis Co.	Moya/McKinney Trail	Moya Park	McKinney Falls State Park	Sidewalk/Trail	2001	Complete	4.0	0.597	0.557	0.447	0.400
Bike/Ped	Travis Co.	Sauls Dr. Sidewalk	-	-	Gap Completion - Sidewalk	2002	Complete	0.0	0.001	0.000	0.000	0.000
Bike/Ped	Travis Co.	Corpus Christi Dr. Sidewalk	-	-	Gap Completion - Sidewalk	2002	Complete	0.4	0.006	0.006	0.005	0.004
Bike/Ped	Travis Co.	Picadilly Dr. Sidewalk	Village Glen Rd.	Bushmills Rd.	Add Sidewalk	2002	Complete	0.0	0.001	0.001	0.001	0.001
Bike/Ped	Travis Co.	Picadilly Dr. W Sidewalk	Grand Avenue Pkwy	Jerusalem Dr.	Add Sidewalk	2002	Complete	0.5	0.016	0.015	0.012	0.011

**COUNTY TRANSPORTATION EMISSION REDUCTION MEASURES**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	FROM / AT	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Bike/Ped	Travis Co.	Black Locust Dr. Sidewalk	Grand Avenue Pkwy	Blackthorn Dr.	Add Sidewalk	2002	Complete	0.2	0.002	0.002	0.002	0.002
Bike/Ped	Travis Co.	Black Locust Dr. Sidewalk	North Havens Cove	Valley Glenn Rd.	Add Sidewalk	2002	Complete	0.1	0.001	0.001	0.001	0.001
Bike/Ped	Travis Co.	Grand Avenue Pkwy Sidewalk	IH 35	Vikki Lynn Place	Add Sidewalk	2002	Complete	0.5	0.093	0.087	0.068	0.061
Bike/Ped	Travis Co.	Bratton Ln Sidewalks	Merrilltown Dr	Grand Avenue Pkwy	Construct 6ft sidewalk and 5ft sidewalk	2002	Complete	2.8	0.327	0.305	0.238	0.213
Bike/Ped	Travis Co.	Natural Spring Way Sidewalk	-	-	2 Lot Gap Completion - Sidewalk	2002	Complete	0.3	0.006	0.006	0.005	0.004
Bike/Ped	Travis Co.	Chimney Hill Blvd. Sidewalk	Wimbledon Dr.	Edenborough Ln.	Add Sidewalk	2002	Complete	0.1	0.003	0.003	0.002	0.002
Bike/Ped	Travis Co.	Creek's Edge Pkwy Sidewalk	End of Sidewalk	Park	Add Sidewalk	2002	Complete	1.4	0.091	0.085	0.066	0.059
Bike/Ped	Travis Co.	Scenic Bluff Pkwy Sidewalk	Creek's Edge Pkwy	Cliff's Edge Dr.	Add Sidewalk	2003	Complete	4.8	0.078	0.073	0.056	0.050
Bike/Ped	Travis Co.	Westbank Dr. Sidewalks & Bike Lanes	Campcraft Rd.	Westlake City Limits	Add sidewalks & bike lanes	2003	Complete	2.0	0.115	0.107	0.081	0.073
Bike/Ped	Travis Co.	Gilleland Creek Trail Phase 1	NE Metro Park	Pflugerville Road East	Construct 10 ft. concrete trail	2004	Delayed	1.4	N/A	N/A	0.030	0.027
Bike/Ped	Travis Co.	Ross Rd/Pearce Ln Hike/Bike Trail	SE Metro Park	Pearce Ln/Ross Rd	Construct 8' hike/bike trail	2004	On Time	1.4	N/A	N/A	0.053	0.047
Bike/Ped	Travis Co.	Brodie Lane Sidewalk**	City of Austin limit	Squirrel Hollow	Construct 5' concrete sidewalk on west side of Brodie Lane	2005	On Time	0.4	N/A	N/A	0.061	0.055
Bike/Ped	Travis Co.	Anderson Mill Rd. Bike Lanes & Sidewalks	Spicewood Pkwy.	RM 620	Upgrade to MAD 4 - Add sidewalks & bike lanes	2006	On Time	3.5	N/A	N/A	0.562	0.504
Bike/Ped	Travis Co.	Gilleland Creek Trail Phase 2	NE Metro Park entrance	Pflugerville Trail System	Construct 10 ft. concrete trail	2007	On Time	1.0	N/A	N/A	0.132	0.119
Bike/Ped	Travis Co.	Anderson Mill Rd. Bike Lanes & Sidewalks	FM 2769	Cypress Creek Rd.	To MAD 4 - Add sidewalks	2007	On Time	0.8	N/A	N/A	0.075	0.067
Bike/Ped	Travis Co.	Grand Avenue Pkwy Sidewalks & Bike Lanes	Edgemere Dr.	Louis Henna Blvd.	Upgrade to MAD 4 - Add sidewalks & bike lanes	2007	On Time	4.4	N/A	N/A	0.556	0.497
Bike/Ped	Travis Co.	Wells Branch Pkwy E Sidewalks & Bike Lanes	Immanuel Rd.	NE Metro Park	New MAD 4 - Add sidewalks & bike lanes	2007	On Time	3.4	N/A	N/A	0.373	0.334
Bike/Ped	Travis Co.	Howard Lane Sidewalks & Bike Lanes	IH 35	Scotfield Ridge Pkwy	Upgrade to MAD 4 - Add sidewalks & bike lanes	2007	On Time	1.3	N/A	N/A	0.363	0.325
Bike/Ped	Travis Co.	Elroy Rd. Bike Lanes & Sidewalks	FM 973	Ross Rd.	Upgrade to MAD 4 - Add sidewalks & bike lanes	2007	On Time	3.0	N/A	N/A	0.177	0.158
Bike/Ped	Travis Co.	McKinney Falls Pkwy Sidewalks & Bike Lanes	William Cannon Dr.	Thaxton Rd.	New MAD 4 - Add sidewalks & bike lanes	2007	On Time	1.5	N/A	N/A	0.148	0.133

**COUNTY TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	FROM / AT	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Bike/Ped	Travis Co.	Patterson Rd Sidewalk*	Barton Creek Elem.	Swimming Pool	Add Sidewalk	-	Deleted	1.3	N/A	N/A	N/A	N/A
Bike/Ped	Travis Co.	Gilleland Creek Trail Phase 3*	Heatherwilde Blvd.	IH 35	10ft trail linking pool, schools, churches, parks, subdivisions, businesses, & Wells Branch Trails	-	Deleted	2.6	N/A	N/A	N/A	N/A
Bike/Ped	Travis Co.	FM 973 Pedestrian Way*	FM 973/Pierce Ln.	Moya Park	Sidewalk/Trail	-	Deleted	1.5	N/A	N/A	N/A	N/A
Bike/Ped	Travis Co.	McKinney Falls Pkwy Ped. Way*	William Cannon Dr.	McKinney Falls	Sidewalk/Trail	-	Deleted	0.8	N/A	N/A	N/A	N/A
Bike/Ped	Travis Co.	Heatherwilde Blvd Sidewalks & Bike Lanes*	Wells Branch Pkwy	Howard Ln.	New MAD 4 - Add sidewalks & bike lanes	-	Deleted	2.2	N/A	N/A	N/A	N/A
Bike/Ped	Travis Co.	Wells Branch Pkwy E Sidewalks & Bike Lanes*	Heatherwilde Blvd.	City of Pflugerville	New MAD 4 - Add sidewalks & bike lanes	-	Deleted	2.2	N/A	N/A	N/A	N/A
Bike/Ped	Williamson Co.	Williamson County Bike Trail (Phase 1)	Cedar Park	Round Rock	3-mile segment of a 7-mile bike/ped trail between Cedar Park & Round Rock	2002	Complete	3.0	0.155	0.144	0.113	0.101
Bike/Ped	Williamson Co.	Williamson County Bike Trail (Phase 2)	Cedar Park	Round Rock	4-mile segment of a 7-mile bike/ped trail between Cedar Park & Round Rock	2005	On Time	4.0	N/A	N/A	0.150	0.135
<b>TOTALS</b>									<b>2.592</b>	<b>2.417</b>	<b>4.638</b>	<b>4.154</b>

\*\* New TERMS replacing previous TERMS that were either deleted or delayed beyond 2007.  
Substitutions are not required to be of the same type, but must reduce the same amount of emissions.  
\* TERM(s) delayed beyond 2007, making it no longer eligible under O3Flex

**TXDOT TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
INTERSECTION IMPROVEMENTS**

PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
										VOC	NOx	VOC	NOx
Intersection Improvement	113-08-053	TxDOT	US 290 (Travis)	Scenic Brook Dr	-	Add LT lane	1995	Complete	1	3.038	2.579	2.533	2.086
Intersection Improvement	2100-01-026	TxDOT	RM 2222	Creek Mountain Rd	Highland Hills Cir.	Add continuous LT lane	1995	Complete	5	14.616	12.410	12.189	10.038
Intersection Improvement	683-01-050	TxDOT, CMTA, WC, COA	RM 620 (Williamson)	Lakecreek Pkwy	-	Add LT lane	1995	Complete	1	2.294	2.153	1.886	1.765
Intersection Improvement	683-01-050	TxDOT, CMTA, WC, COA	RM 620 (Williamson)	Ridgeline Blvd	-	Add LT lane	1995	Complete	1	3.154	2.961	2.594	2.426
Intersection Improvement	683-01-050	TxDOT, CMTA, WC, COA	RM 620 (Williamson)	Pecan Park Blvd	-	Add LT lane	1995	Complete	1	2.840	2.666	2.335	2.185
Intersection Improvement	683-01-051	TxDOT	RM 620 (Williamson)	Cornerwood Dr.	Wyoming Springs Dr.	Add continuous LT lane	1996	Complete	3	9.963	9.353	8.194	7.665
Intersection Improvement	151-05-066	TxDOT, CMTA, WC, COA	US 183 (Williamson)	RM 620	-	Intersection Improvements	1996	Complete	1	5.652	5.306	4.649	4.349
Intersection Improvement	113-07-044	TxDOT	US 290 (Hays)	3.2 km E of RM 12	9.5 km east of RM 12	Add center LT lane	1997	Complete	1	1.746	1.470	1.433	1.274
Intersection Improvement	113-08-054	TxDOT	US 290 (Travis)	Tara Ln	-	Add LT lane	1997	Complete	1	2.959	2.513	2.468	2.033
Intersection Improvement	16-01-070	TxDOT (2614)	S. Congress / Lp 275 (Travis)	US 290	N or Williamson Creek	Add continuous LT lane	1997	Complete	6	14.443	12.263	12.045	9.919
Intersection Improvement	285-02-006	TxDOT	RM 2325 (Hays)	Wimberly High School	-	Add RT lane	1997	Complete	1	0.852	0.718	0.700	0.622
Intersection Improvement	914-05-069	TxDOT	McNeil Rd (Williamson)	US 183	San Felipe Blvd.	Add continuous LT lane	1997	Complete	1	2.318	2.176	1.907	1.784
Intersection Improvement	114-02-070	TxDOT	US 290 (Travis)	Giles Ln	-	Extend LT lane	1998	Complete	1	4.071	3.457	3.297	2.715
Intersection Improvement	2100-01-035	TxDOT	RM 2222	Westslope Cir.	Creek Mountain Rd.	Add continuous LT lane (a+b)	1998	Complete	6	18.065	15.338	14.627	12.046
Intersection Improvement	3136-01-106	TxDOT	Loop 1 NB Frontage	Enfield Rd	-	2 RT lanes onto Enfield, limit RT onto local streets S. of Enfield	1998	Complete	1	1.015	0.862	0.822	0.677
Intersection Improvement	3417-01-017	TxDOT	FM 734 (Travis)	McNeil Dr	-	Construct additional LT lane	1998	Complete	1	4.366	3.707	3.535	2.911
Intersection Improvement	151-04-048	TxDOT	US 183 (Williamson)	Signal Hill Dr	-	Construct LT lane	1999	Complete	2	2.837	2.664	2.201	2.059

**TXDOT TRANSPORTATION EMISSION REDUCTION MEASURES  
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PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
										VOC	NOx	VOC	NOx
Intersection Improvement	151-05-074	TxDOT	US 183(N) Congestion Relief (Cedar Park)	FM 1431	-	Restripe US 183 for dual left turn onto westbound FM 1431	1999	Complete	1	5.471	5.136	4.245	3.971
Intersection Improvement	151-09-058	TXDOT	SB US 183 Congestion Relief (Travis)	US 290 E	-	Lengthen left turn bay to allow through-traffic to move freely	1999	Complete	1	3.389	2.878	2.667	2.196
Intersection Improvement	151-09-057	TxDOT	US 183 Congestion Relief (Travis)	Cameron Rd	-	Extend NB & SB LT bays & restripe to allow dual LTs	1999	Complete	1	2.847	2.417	2.240	1.844
Intersection Improvement	204-01-046	TXDOT	US 79	Tradesman Park Dr.	Green Pastures Dr.	Add continuous LT lane	1999	Complete	5	8.650	8.120	6.711	6.278
Intersection Improvement	757-01-014	TxDOT	FM 685 (Hutto)	S of SH 79	-	Construct LT lane	1999	Complete	1	0.537	0.504	0.416	0.389
Intersection Improvement	8068-14-001	TxDOT / COA	South Congress (Travis)	Oltorf	US 290	Add continuous LT lane	2000	Complete	17	49.775	42.262	38.083	31.363
Intersection Improvement	113-08-055	TxDOT	US 290 (Travis)	RM 1826	-	Add Right Turn Lane on eastbound	2000	Complete	1	3.311	2.811	2.533	2.086
Intersection Improvement	1376-02-036	TxDOT	FM 1325 (Travis)	Shoreline Dr	-	Add LT lane	2000	Complete	1	4.608	3.912	3.525	2.903
Intersection Improvement	1378-02-018	TxDOT	FM 1431 Congestion Relief	Bagdad Rd	-	Add LT lane and improve signal operations	2000	Complete	1	2.380	2.234	1.796	1.680
Intersection Improvement	15-10-043	TxDOT	IH 35 SB Frontage Rd. (Travis)	Wells Branch Pkwy	-	Add Right Turn Lane	2000	Complete	1	0.789	0.670	0.604	0.497
Intersection Improvement	151-04-050	TxDOT	SH 29 (Liberty Hill)	east of city limits	-	Add continuous LT lane	2000	Complete	1	1.474	1.384	1.112	1.040
Intersection Improvement	152-02-056	TxDOT	US 183 (Caldwell)	FM 2001	-	Install LT lane	2000	Complete	1	1.914	1.073	1.487	0.899
Intersection Improvement	152-02-057	TxDOT	US 183 (Caldwell)	FM 1185	-	Install LT lane	2000	Complete	1	1.710	0.959	1.329	0.803
Intersection Improvement	1754-01-013	TxDOT	RM 1826 Congestion Relief (Travis)	RM 1826	US 290W	Construct NB RM 1826 RT lane at US 290 and reconstruct EB US 290 RT lane to RM 1826	2000	Complete	1	1.275	1.083	0.976	0.803
Intersection Improvement	683-04-009	TxDOT	FM 3238 (Bee Cave)	SH 71	0.37mi W of SH 71	Add continuous LT lane	2000	Complete	3	1.649	1.400	1.262	1.039
Intersection Improvement	700-03-071&073	TxDOT	SH 71 (Travis)	RM 620	RM 2244	Add continuous LT lane	2000	Complete	2	6.706	5.694	5.131	4.225
Intersection Improvement	113-08-057	TxDOT	US 290 (Travis)	Oliver Dr	Shallowford Rd.	Add continuous LT lane	2001	Complete	2	6.117	5.193	4.555	3.751
Intersection Improvement	113-08-058	TxDOT	US 290W (Travis)	Convict Hill Rd	-	Add WB LT lane on US 290	2001	Complete	1	4.306	3.656	3.206	2.640
Intersection Improvement	114-04-054	TxDOT	US 290 (Bastrop)	CR 113	-	Add LT lane	2001	Complete	1	2.117	1.354	1.612	1.088

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PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
										VOC	NOx	VOC	NOx
Intersection Improvement	1539-02-025	TxDOT	FM 1626 (Travis)	So. 1st St	-	Construct LT lane	2001	Complete	1	0.888	0.754	0.661	0.544
Intersection Improvement	285-03-033	TxDOT	RM 12 (Hays)	CR 1492	-	Add turn lane	2001	Complete	1	1.064	0.896	0.780	0.694
Intersection Improvement	320-03-077	TxDOT	SH 95 (Williamson)	CR 347	north of Taylor	Add continuous LT lane	2001	Complete	3	3.565	3.347	2.618	2.449
Intersection Improvement	113-07-039	TxDOT	US 290 (Hays)	Dripping Springs High School	-	Add LT lane	2001	Complete	1	1.953	1.645	1.432	1.273
Intersection Improvement	114-04-056	TxDOT	US 290 (Bastrop)	SH 95	-	Add LT lane	2001	Complete	1	3.022	1.932	2.300	1.552
Intersection Improvement	114-05-034	TxDOT	US 290 (Bastrop)	FM 2336	-	Add LT lane	2001	Complete	1	1.425	0.911	1.085	0.732
Intersection Improvement	115-04-038	TxDOT	FM 20 (Bastrop)	FM 812	-	Add LT lane	2001	Complete	1	0.308	0.197	0.235	0.158
Intersection Improvement	2100-01-037	TxDOT	RM 2222	River Place	McNeil Dr.	Add continuous LT lane (two way)	2001	Complete	2	6.446	5.473	4.800	3.953
Intersection Improvement	2100-01-038	TxDOT	RM 2222	RM 620	-	Add westbound RTL	2001	Complete	1	3.216	2.731	2.395	1.972
Intersection Improvement	3136-01-121	TxDOT	Loop 1	Slaughter Lane	-	Install SB RT lane to improve traffic flow	2001	Complete	1	1.297	1.101	0.966	0.795
Intersection Improvement	337-01-025	TxDOT	SH 29 (Georgetown)	D.B. Wood Rd.	-	Add LT lane	2001	Complete	1	1.192	1.119	0.875	0.819
Intersection Improvement	471-05-032	TxDOT	SH 21 (Bastrop)	FM 535	-	Add continuous LT lane	2001	Complete	1	1.019	0.651	0.775	0.523
Intersection Improvement	471-05-033	TxDOT	SH 21 (Bastrop)	E of FM 535	-	Add LT lane	2001	Complete	1	0.986	0.630	0.750	0.506
Intersection Improvement	472-01-029	TxDOT	SH 21 (Bastrop)	Lp 150	-	Add left turn lanes	2001	Complete	1	1.980	1.266	1.507	1.017
Intersection Improvement	700-03-076	TxDOT	SH 71 (Travis)	Bob Wire Rd.	Reimers Rd.	Add continuous LT lane	2001	Complete	2	2.960	2.514	2.204	1.815
Intersection Improvement	286-02-023	TxDOT	SH 80 (Caldwell)	SH 142	-	Construct LT lane	2001	Complete	1	1.638	0.918	1.239	0.749
Intersection Improvement	113-08-064	TxDOT	US 290 (Travis)	Derecho Rd.	Ledgestone Terrace	Add continuous LT lane	2002	Complete	4	12.561	10.665	9.109	7.502
Intersection Improvement	151-04-039	TxDOT	SH 29	0.5 mi E of Liberty Hill	US 183	Extend continous LT lane	2002	Complete	4	5.873	5.514	4.200	3.929
Intersection Improvement	204-01-051	TxDOT	US 79	CR 122	-	Add LT lane	2002	Complete	1	2.172	2.039	1.553	1.453
Intersection Improvement	683-01-066	TxDOT	RM 620 (Williamson)	Shady Lane	Cornerwood Dr.	Add continuous LT lane	2003	Complete	2	7.838	7.358	5.463	5.110
Intersection Improvement		TxDOT / PFLU	FM 1825 (Pflugerville)	10th St	FM 685	Reconstruct to 2 lanes with continuous LT lane	2003	Complete	13	63.887	54.243	45.152	37.184

**TXDOT TRANSPORTATION EMISSION REDUCTION MEASURES  
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INTERSECTION IMPROVEMENTS**

PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
										VOC	NOx	VOC	NOx
Intersection Improvement	1376-01-018	TxDOT	FM 1325 (Williamson)	CR 172	Travis Co. Line	Add continuous LT lane	2003	Complete	1	4.519	4.242	3.149	2.946
Intersection Improvement	1376-02-037	TxDOT	FM 1325 / Burnet Rd. (Travis)	Williamson Co. Line	Wells Branch Pkwy	Add continuous LT lane	2003	Complete	3	15.741	13.365	11.125	9.162
Intersection Improvement	204-02-024	TxDOT	US 79	1 mile E of Hutto	-	Add left turn lane	2003	Complete	1	1.808	1.698	1.260	1.179
Intersection Improvement	204-02-025	TxDOT	US 79	FM 685 (near Hutto)	-	Add continuous LT lane	2003	Complete	1	2.227	2.091	1.553	1.452
Intersection Improvement	151-5-078	TxDOT	US 183 (Cedar Park)	at Cypress Creek Road	-	Install RT lanes	2003	Complete	1	5.830	5.473	4.064	3.802
Intersection Improvement	2102-01-023	TxDOT / ROLL / WLHills	RM 2244 (Bee Caves Rd)	Loop 1	700ft east of Eanes Creek	Add continuous LT lane	2004	On Time	5	N/A	N/A	9.531	7.849
Intersection Improvement	471-02-039	TxDOT	SH 21 (San Marcos)	SH 80	-	Realign Intersection	2004	On Time	1	N/A	N/A	2.399	2.132
Intersection Improvement	1376-02-038	TxDOT	FM 1325 (Travis)	Braker Ln	-	Add RT lane	2004	On Time	1	N/A	N/A	3.032	2.497
Intersection Improvement	1186-01-053	TxDOT	FM 969 (Travis)	Airport Blvd	Perez St.	Add continuous LT lane	2005	On Time	8	N/A	N/A	14.627	12.046
Intersection Improvement	204-01-049	TxDOT	US 79	W of FM 1460	CR 95	Widen to divided & construct continuous LT lane	2005	On Time	3	N/A	N/A	4.935	4.616
Intersection Improvement	1200-03-033	TxDOT	FM 973 (Travis)	SH 71	Pearce Ln.	Add continuous LT lane	2006	Delayed - 9/05 letting	2	N/A	N/A	1.485	1.223
Intersection Improvement	113-13-133	TxDOT	Loop 360 (Travis)**	Westlake Dr.	-	Extend LT bay from 150' to 350'	2005	On Time	1	N/A	N/A	1.028	0.847
Intersection Improvement	2102-01-048	TxDOT	RM 2244 (Bee Caves Rd)*	700ft E of Eanes Creek	Westwood St.	Add continuous LT lane	2010	Deleted - beyond 2007	8	N/A	N/A	N/A	N/A
<b>TOTALS</b>										<b>358.670</b>	<b>308.107</b>	<b>309.189</b>	<b>260.534</b>

\*\* New TERMS replacing previous TERMS that were either deleted or delayed beyond 2007.

Substitutions are not required to be of the same type, but must reduce the same amount of emissions.

**TXDOT TRANSPORTATION EMISSION REDUCTION MEASURES**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**SIGNAL IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# SIGNALIZED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Signal Improvement	TxDOT	US 183 N Signal Synchronization	US 183 in Cedar Park		Monitor and synchronize signals	1997	Complete	7	0.000	0.000	0.000	0.000
Signal Improvement	TxDOT	RM 2244 Signal Synchronization	Loop1	Loop 360	Monitor and synchronize signals	1997	Complete	6	0.000	0.000	0.000	0.000
Signal Improvemt	TxDOT	Loop 360 Signal Synchronization	Loop1	Westlake	Monitor and synchronize signals	1997	Complete	7	0.000	0.000	0.000	0.000
Signal Improvement	TxDOT	RM 620 Signal Synchronization	RM 2222	Pecan Park	Install software to synchronize and monitor traffic signals	1998	Complete	9	0.000	0.000	0.000	0.000
Signal Improvement	TxDOT	RM 620 Signal Synchronization	Parmer Ln	IH 35	Install software to synchronize and monitor traffic signals	1998	Complete	9	0.000	0.000	0.000	0.000
Signal Improvement	TxDOT	FM 1825 Signal Synchronization	IH 35	Pecan St.	Software to synchronize and monitor traffic signals	1999	Complete	7	0.000	0.000	0.000	0.000
Signal Improvement	TxDOT	Spur 1826 Signal Synchronization	IH 35	Vision Dr.	Software to synchronize and monitor traffic signals	1999	Complete	2	0.000	0.000	0.000	0.000
Signal Improvement	TxDOT	US 79 Signal Synchronization	IH 35	CR 122 (Williamson)	Software to synchronize and monitor traffic signals	1999	Complete	9	0.000	0.000	0.000	0.000
Signal Improvement	TxDOT	Mays Avenue Signal Synchronization	IH 35	Bowman Rd (Round Rock)	Software to synchronize and monitor traffic signals	1999	Complete	6	0.000	0.000	0.000	0.000
<b>TOTALS</b>									<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

NOTE: The average project life for signal sychronization is 3 years. Beyond this time signals do not get emission reduction credit until they are retimed.

**TXDOT TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
										VOC	NOx	VOC	NOx
Bike/Ped	151-06-112	TXDOT	Airport Blvd. Sidewalks	Manor Rd	Bolm Rd.	Construct Sidewalks	1997	Complete	1.628	0.671	0.626	0.562	0.503
Bike/Ped	15-11-056	TXDOT	North Lamar (Lp 275) Sidewalks	US 183	Peyton Gin Rd.	Construct Sidewalks	1999	Complete	0.99	0.522	0.487	0.412	0.369
Bike/Ped	113-09-060	TXDOT	South Lamar (Lp 343) Sidewalks	US 290	Barton Skyway	Construct Sidewalks	1999	Complete	1.12	0.449	0.419	0.355	0.318
Bike/Ped	151-06-115	TXDOT	US 183(N) Frontage Sidewalk	IH 35	N Lamar Blvd.	Construct Sidewalk	1999	Complete	0.87	0.454	0.423	0.359	0.321
Bike/Ped	265-01-087	TXDOT	US 183(S) Frontage Sidewalk	Patton Ave	Vargas Rd.	Sidewalk on E side from Patton to Thompson; W side from Thompson to Vargas	1999	Complete	0.68	0.574	0.536	0.454	0.406
Bike/Ped	113-13-120	TXDOT	US 290(W) Sidewalk	S. Congress	S Lamar Blvd.	Construct Sidewalk	1999	Complete	0.87	0.296	0.276	0.234	0.209
Bike/Ped	-	TXDOT / COA	South Congress (Lp 275) Bike Lanes & Sidewalks	US 290	N of Williamson Creek	Construct bike lanes & sidewalks	1999	Complete	1	0.526	0.491	0.416	0.372
Bike/Ped	113-13-122	TXDOT	US 290 Frontage Sidewalks	Brodie Ln	Lamar Blvd.	Construct sidewalks on south side of US 290 Frontage	2000	Complete	1.4	0.363	0.338	0.279	0.250
Bike/Ped	151-06-120	TXDOT	US 183 Frontage Sidewalks	North Lamar (Lp 275)	Burnet Rd	Construct sidewalks	2000	Complete	1.15	0.482	0.449	0.370	0.331
Bike/Ped	15-13-283	TXDOT	IH 35 NB Frontage Rd. Sidewalks	US 183	Norwood Park	Construct sidewalks	2000	Complete	0.11	0.032	0.030	0.025	0.022
Bike/Ped	15-13-283	TXDOT	IH 35 SB Frontage Rd. Sidewalks	US 183	Showplace Blvd.	Construct sidewalks	2000	Complete	1.65	0.541	0.505	0.416	0.373
Bike/Ped	-	TXDOT / TC / COA	William Cannon Dr Sidewalks - Phase 1	Running Water Dr	McKinney Falls Pkwy.	Add sidewalks	2000	Complete	1.3	0.168	0.157	0.129	0.116
Bike/Ped	-	TXDOT / COA	South Congress Bike Lanes & Sidewalks	Oltorf	US 290	Construct bike lanes & sidewalks	2001	Complete	1.2	0.903	0.842	0.675	0.605
Bike/Ped	1186-01-060	TXDOT	MLK (FM 969) Sidewalk	Airport Blvd	Perez St.	Construct Sidewalk	2005	On Time	1.1	N/A	N/A	0.255	0.228
Bike/Ped	2211-02-012	TXDOT	FM 1460 Sidewalks	N of Old Settlers Blvd / CR 113	US 79	Construct Sidewalks	2007	Delayed - late letting	1.92	N/A	N/A	0.069	0.062
Bike/Ped	2102-01-048	TXDOT	RM 2244 Sidewalks	Eanes Creek	Westwood St.	Construct Sidewalks	2007	Delayed - late letting	1.12	N/A	N/A	0.447	0.401
Bike/Ped	8012-14-002	TXDOT	Spicewood Springs Sidewalks	Loop 360	1000ft west of Mesa Dr.	Construct Sidewalks	2007	Delayed - late letting	0.981	N/A	N/A	0.196	0.176
Bike/Ped	683-01-056	TXDOT	RM 620 Sidewalks*	at Georgetown RR (in Round Rock)	-	Construct Sidewalks	2008	Delayed beyond 07	0.161	N/A	N/A	N/A	N/A
<b>TOTALS</b>										<b>5.982</b>	<b>5.579</b>	<b>5.653</b>	<b>5.062</b>

\* TERM(s) delayed beyond 2007, making it no longer eligible under O3Flex

**TXDOT TRANSPORTATION EMISSION REDUCTION MEASURES  
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PARK & RIDE FACILITIES**

PROJECT TYPE	PROJECT AGENCY	PROJECT NAME	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# LOT SPACES	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
							VOC	NOx	VOC	NOx
Park & Ride	TXDOT	Elgin Park & Ride Lot	82 space P&R lot 0.5 mi. N of US 290 at SH 95	1993	Complete	82	6.999	6.528	4.509	4.038
Park & Ride	TXDOT	Butler Park & Ride Lot	30 space P&R lot at US 290 & FM 696 (NW corner)	1993	Complete	30	3.045	2.840	1.962	1.757
Park & Ride	TXDOT	Taylor Park & Ride Lot	60 space P&R lot at US 79B at Hermon Sons Rd.	1993	Complete	60	7.053	6.578	4.544	4.069
<b>TOTALS</b>							<b>17.097</b>	<b>15.946</b>	<b>11.014</b>	<b>9.864</b>

**TXDOT TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
GRADE SEPARATIONS**

PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	AT STREET	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
									VOC	NOx	VOC	NOx
Grade Sep	471-02-035	TxDOT	SH 21 Grade Separation	SH 80 (San Marcos)	Construct grade separation	2004	On Time	1	N/A	N/A	3.214	2.857
Grade Sep	3379-1-008	TxDOT	FM 3407 RR Grade Separation	UPRR (San Marcos)	UPRR Grade separation	2007	Delayed letting date	1	N/A	N/A	2.726	2.423
Grade Sep	16-9-33	TxDOT	LP 82 RR Grade Separation*	UPRR (San Marcos)	UPRR Grade separation	2010	Delayed beyond 07	1	N/A	N/A	N/A	N/A
<b>TOTALS</b>									<b>0.000</b>	<b>0.000</b>	<b>5.939</b>	<b>5.279</b>

\* TERM(s) delayed beyond 2007, making it no longer eligible under O3Flex

**TxDOT TRANSPORTATION EMISSION REDUCTION MEASURES  
O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report  
TRAFFIC FLOW IMPROVEMENTS**

									2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	PROJECT LIMITS	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	VOC	NOx	VOC	NOx
Traffic Flow Improvements	113-13-072	TxDOT	IH 35 Auxillary Lane	Oltorf to William Cannon	Add NB and SB Auxillary Lane	1999	Complete	3.48	72.662	12.110	12.110	12.110
Traffic Flow Improvements	-	TxDOT	IH 35 Operational Improvements	Oltorf to Riverside	Construct NB auxillary lane	2000	Complete	1.08	26.146	4.358	4.358	4.358
Traffic Flow Improvements	15-13-236	TxDOT	IH35 Interchange	at US 290(E)	Construct direct connects	2001	Complete	0.5	37.830	6.305	6.305	6.305
Traffic Flow Improvements	-	TxDOT	IH 35 Operational Improvements	Howard Ln to Parmer Ln	Widen NB and SB mainlanes, add aux lanes, improve ramps	2001	Complete	1.16	21.165	3.527	3.527	3.527
Traffic Flow Improvements	15-13-291	TxDOT	IH 35 Bottleneck Projects	N of Howard Ln to Stassney Ln	Bottleneck Removal	2003	Complete	16.86	497.380	82.897	82.897	82.897
Traffic Flow Improvements	15-09-135	TxDOT	IH 35 Bottleneck Projects	4.03 mi north of Williamson Co. Line	Bottleneck Removal	2003	Complete	4.028	80.672	13.445	40.336	26.891
Traffic Flow Improvements	15-10-044	TxDOT	IH 35 Bottleneck Projects	Howard Ln to Willimason Co. Line	Bottleneck Removal	2003	Complete	3.147	59.369	9.895	9.895	9.895
<b>TOTALS</b>									<b>795.223</b>	<b>132.537</b>	<b>159.428</b>	<b>145.983</b>

**TRANSPORTATION EMISSION REDUCTION MEASURES (Not Quantified)**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**INTELLIGENT TRANSPORTATION SYSTEMS (ITS)**

PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	PROJECT LIMITS	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	UNITS OF EQUIPMENT	PROJECT LENGTH (mi)
<b>TxDOT ITS Projects</b>									
ITS	-	TxDOT	IH35 Incident Management	-	Install video cameras and monitor traffic operations	1997	Complete	-	-
ITS	-	TxDOT	IH35 Incident Management	-	Install video cameras and monitor traffic operations	1998	Complete	-	-
ITS	-	TxDOT	Changeable Lane Signs	Various locations in Austin area	Signs and software to automatically adjust traffic lane turning movements	1998	Complete	-	-
ITS	-	TxDOT	IH 35 Frontage Changeable Lane Assignment	IH 35	Install software to synchronize and monitor traffic signals	1999	Complete	-	-
ITS	113-13-109	TxDOT	US 290 ITS (1)	Loop 360 to Congress Ave	Installation of various types of monitoring equipment	1999	Complete	8 LCU, 4 DMS, 29 LCS, 6 CCTV, 140 Loop, 6 Ramp	2.154
ITS	3136-1-91	TxDOT	Loop 1 ITS (2)	Braker Ln to Far West Blvd	Installation of various types of monitoring equipment	1999	Complete	12 LCU, 4 DMS, 32 LCS, 7 CCTV, 177 Loop, 7 Ramp	2.898
ITS	3136-1-97	TxDOT	Loop 1 ITS (3)	Far West Blvd to 35th St	Installation of various types of monitoring equipment	1999	Complete	8 LCU, 6 DMS, 15 LCS, 8 CCTV, 115 Loop, 6 Ramp	3.203
ITS	151-6-109	TxDOT	US 183 ITS (1)	Williamson C/L to Balcones Woods	Installation of various types of monitoring equipment	2000	Complete	10 LCU, 2 DMS, 8 LCS, 5 CCTV, 104 Loop, 5 Ramp	2.386
ITS	151-6-110	TxDOT	US 183 ITS (2)	Balcones Woods Dr. to IH 35	Installation of various types of monitoring equipment	2000	Complete	DMS, 25 LCS, 16 CCTV, 348 Loop, 13 Ramp	6.252
ITS	15-13-235	TxDOT	IH 35 ITS (1)	Braker Ln to Reinli St	Installation of various types of monitoring equipment	2001	Complete	18 LCU, 4 DMS, 36 LCS, 8 CCTV, 249 Loop, 10 Ramp	4.485
ITS	3136-1-98	TxDOT	Loop 1 ITS (4)	35th St to RM 2244	Installation of various types of monitoring equipment	2001	Complete	14 LCU, 6 DMS, 25 LCS, 10 CCTV, 168 Loop, 9 Ramp	3.434
ITS	113-9-57	TxDOT	US 290 ITS (2)	Williamson Creek to Lp 360	Installation of various types of monitoring equipment	2004	On Time	15 LCU, 4 DMS, 15 LCS, 10 CCTV, 212 Loop, 8 Ramp	3.855

**TRANSPORTATION EMISSION REDUCTION MEASURES (Not Quantified)**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**INTELLIGENT TRANSPORTATION SYSTEMS (ITS)**

PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	PROJECT LIMITS	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	UNITS OF EQUIPMENT	PROJECT LENGTH (mi)
ITS	3136-1-99	TxDOT	Loop 1 ITS (5)	RM 2244 to Gaines Creek	Installation of various types of monitoring equipment	2004	On Time	9 LCU, 2 DMS, 9 LCS, 6 CCTV, 124 Loop, 5 Ramp	3.044
ITS	114-1-44	TxDOT	US 290E ITS	Southern Pacific Railroad to US 183	Installation of various types of monitoring equipment	2005	On Time	11 LCU, 3 DMS, 11 LCS, 7 CCTV, 149 Loop, 6 Ramp	2.708
ITS	3136-1-96	TxDOT	Loop 1 ITS (1)	FM 734 (Parmer Ln) to Braker Ln	Installation of various types of monitoring equipment	2005	On Time	12 LCU, 3 DMS, 12 LCS, 7 CCTV, 159 Loop 1, 7 Ramp	2.898
ITS	15-13-244	TxDOT	IH 35 ITS (2)	0.35 mi S of FM 1825 to Braker Ln	Installation of various types of monitoring equipment	2006	On Time	17 LCU, 4 DMS, 17 LCS, 10 CCTV, 228 Loop, 5 Ramp	4.154
ITS	113-13-111	TxDOT	SH 71 ITS (1)	S Congress Ave to Dalton Ln	Installation of various types of monitoring equipment	2006	On Time	DMS 21 LCS, 13 CCTV, 292 Loop, 11 Ramp	5.547
ITS	265-1-82	TxDOT	SH 71 ITS (2)	Dalton Ln to E of FM 973/SH 45	Installation of various types of monitoring equipment	2006	On Time	16 LCU, 4 DMS, 16 LCS, 10 CCTV, 225 Loop, 6 Ramp	4.094
ITS	3136-1-93	TxDOT	Loop 1 ITS (6)	Gaines Creek to Slaughter Creek	Installation of various types of monitoring equipment	2006	On Time	19 LCU, 5 DMS, 19 LCS, 12 CCTV, 256 Loop, 6 Ramp	4.661
<b>City of Austin ITS Projects</b>									
ITS		Austin	IH 35 Frontage Rd Changeable Lane Signs Pilot Project	Various locations	Install changeable lane signs at intersections & reassign lane controls	1998	Complete	Changeable lane signs	N/A
ITS		Austin	RM 1826 Congestion Relief Project	Major intersections	Bike sensitive traffic signal sensors at various high-volume intersections	1999	Complete	Bike sensors	N/A
ITS		Austin	Arterial Congestion Incident Management	Various locations in Austin area	Install traffic signal control equip to monitor congestion and incidents	1999	Complete	Traffic control equipment	N/A
ITS		Austin	COA computerized traffic signal system	Various locations in Austin area	COA computerized traffic signal system	2000	Complete	Computerized system equipment	N/A

**TRANSPORTATION EMISSION REDUCTION MEASURES (Not Quantified)**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**INTELLIGENT TRANSPORTATION SYSTEMS (ITS)**

PROJECT TYPE	CSJ	AGENCY	PROJECT NAME	PROJECT LIMITS	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	UNITS OF EQUIPMENT	PROJECT LENGTH (mi)
ITS		Austin	Transportation System Sensors - FY00	Various locations in Austin area	Install pavement loop detectors to monitor traffic conditions and transmit data to traffic signal controllers	2002	Complete	70 pavement loop detectors	N/A
ITS		Austin	Transportation System Sensors - FY01	Various locations in Austin area	Install pavement loop detectors to monitor traffic conditions and transmit data to signal controllers	2003	On Time	206 pavement loop detectors	N/A
<b>Round Rock ITS Projects</b>									
ITS		Round Rock	Signal Coordination System*	On Old Settlers, Mays, US 79, Gattis School, 620, McNeil, & Louis Henna	Install Signal Coordination System on various city roads	2004	Moved to EAC CAAP	41 Signals	N/A

\* This project has been committed as an EAC TERM, since it has not yet been quantified under O3Flex. It will be quantified as "Signals" for additional emission reductions for the EAC.

**TRANSPORTATION EMISSION REDUCTION MEASURES (Small Cities)**  
**O3 FLEX AGREEMENT - AUSTIN/ROUND ROCK MSA - December 2003 Status Report**  
**SIGNAL IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	AT STREET	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2003 Emissions Reduced (lbs/day)		2007 Emissions Reduced (lbs/day)	
								VOC	NOx	VOC	NOx
Signal Improvement	Round Rock	FM 3406	Plantation	Install New Traffic Signal	2003	Complete	1	0.495	0.461	0.388	0.366
Signal Improvement	Round Rock	Gattis School Rd.	Red Bud Ln	Install New Traffic Signal	2003	Complete	1	0.602	0.560	0.472	0.445
Signal Improvement	Round Rock	Gattis School Rd	High Country	Install New Traffic Signal	2003	Complete	1	0.602	0.560	0.472	0.445
Signal Improvement	Round Rock	Hester's Crossing	Raw Hide	Install New Traffic Signal	2003	Complete	1	0.503	0.468	0.394	0.372
Signal Improvement	Round Rock	N. Mays	Texas Ave.	Install New Traffic Signal	2004	On Time	1	N/A	N/A	0.527	0.498
Signal Improvement	Round Rock	McNeil Rd.	Oakridge	Install New Traffic Signal	2004	On Time	1	N/A	N/A	0.634	0.599
Signal Improvement	Round Rock	N. Mays	Old Settlers Blvd.	Install New Traffic Signal	2004	On Time	1	N/A	N/A	0.527	0.498
Signal Improvement	Round Rock	McNeil Rd.	St. Williams	Install New Traffic Signal	2005	Delayed - Neg. RR Permit	1	N/A	N/A	0.634	0.599
<b>TOTALS</b>								<b>2.201</b>	<b>2.050</b>	<b>4.048</b>	<b>3.823</b>

**TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) COMMITMENTS**  
**EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MSA**  
**INTERSECTION IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2007 Emissions Reduced (lbs/day)	
									VOC	NOx
Intersection Improvement	Cedar Park	Cypress Creek Rd.	Lakeline	-	Construct RT Lanes on all approaches, extend LT bay NB Lakeline	2003	Complete	1	0.989	0.925
Intersection Improvement	Cedar Park	New Hope Rd.	Bagdad Rd.	-	Construct LT & RT Lanes on all approaches; resignalize	2003	Under Construction	1	0.514	0.481
Intersection Improvement	TxDOT	FM 1431	Lakeline	-	Construct EB & WB LT lanes	2003	Complete	1	0.767	0.658
Intersection Improvement	TxDOT	Lakeline	FM 1431	-	Construct NB RT lane	2003	Complete	1	0.517	0.443
Intersection Improvement	TxDOT	US 183	at Cypress Creek Rd., Buttercup Blvd, Park St., Cedar Park Dr., & Discovery Blvd	-	Stripe dedicated LT lanes at Cypress Creek Rd. and dedicated RT & LT lanes at the other 4 intersections	2003	Complete	5	8.024	6.878
Intersection Improvement	Cedar Park	West Park St.	US 183	-	Construct LT lanes on Park St.	2004	In Design	1	0.247	0.231
Intersection Improvement	Cedar Park	New Hope Rd.	Lakeline	-	Construct LT & RT Lanes on all approaches; resignalize	2004	In Design	1	0.427	0.400
Intersection Improvement	Travis Co.	Ferguson Ln	Sprinkle Rd.	-	Add WB RT bay	2004	On Time	1	0.073	0.062
Intersection Improvement	Travis Co.	Sprinkle Road	Ferguson Ln.	-	Add SB RT bay	2004	On Time	1	0.035	0.030
Intersection Improvement	Travis Co.	Tuscany Way	Ferguson Ln.	-	Add NB LT bay	2004	On Time	1	0.138	0.118
Intersection Improvement	Travis Co.	Tuscany Way	Exchange Dr.	-	Add EB LT bay	2004	On Time	1	0.138	0.118
Intersection Improvement	Travis Co.	Blake Manor Rd.	Lockwood	-	Add EB LT bay	2004	On Time	1	0.039	0.034
Intersection Improvement	Travis Co.	Taylor Road	Blake Manor Rd.	-	Add SB RT bay	2004	On Time	1	0.021	0.018
Intersection Improvement	Bastrop County	FM 1209	.787 mi N of SH 71	.518 mi N of SH 71	Construct continuous turn lane	2004	Proposed Let. Date 3/04	2	0.148	0.127
Intersection Improvement	TxDOT	FM 734	RM 1431	-	Construct dual left turn lanes	2005	Proposed Let. Date 9/03	1	0.803	0.688
Intersection Improvement	Travis Co.	Anderson Mill Rd.	Terrace Parke Trail	-	Add EB LT bay	2006	On Time	1	0.515	0.441
Intersection Improvement	Travis Co.	Anderson Mill Rd.	Centennial Trail	-	Add WB LT bay	2006	On Time	1	0.515	0.441
Intersection Improvement	Travis Co.	Anderson Mill Rd.	new subdivision entrance	-	Add EB LT bay	2006	On Time	1	0.515	0.441

**TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) COMMITMENTS**  
**EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MSA**  
**INTERSECTION IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# AFFECTED INTERSECTIONS	2007 Emissions Reduced (lbs/day)	
									VOC	NOx
Intersection Improvement	Travis Co.	Anderson Mill Rd.	Randy Dr.	-	Add WB LT bay	2006	On Time	1	0.515	0.441
Intersection Improvement	Travis Co.	Anderson Mill Rd.	Centennial Trail	-	Add WB LT bay	2006	On Time	1	0.515	0.441
Intersection Improvement	TxDOT	FM 1460	.9 mi N of US 79	US 79	Construct continuous left turn lane	2006	Proposed Let. Date 2/04	5	1.980	1.697
Intersection Improvement	TxDOT	RM 12	CR 251	N. Cypress Creek	Reconstruct to urban w/Center turn lane	2006	Proposed Let. Date 07/04	3	1.001	0.858
Intersection Improvement	TxDOT	RM 150	IH 35	1.25 mi E	Construct left turn lane	2006	Proposed Let. Date 06/04	3	1.390	1.191
Intersection Improvement	TxDOT	RM 12	Proposed FM 3407	1.4 mi E	Add center turn lane & shoulders (Note: this project also listed under Bike/Ped.)	2006	Proposed Let. Date 05/04	11	7.609	6.522
Intersection Improvement	TxDOT	FM 969	Delta Post Drive	-	Construct center turn lane, accel & decel lanes	2006	Proposed Let. Date 8/04	1	0.204	0.175
Intersection Improvement	Travis Co.	Grand Avenue Pkwy.	Pecos River	-	Add NB LT bay	2007	On Time	1	0.156	0.134
Intersection Improvement	TxDOT	FM 969	US 183	FM 3177	Extend 5-lane section	2007	Proposed Let. Date 3/04	12	9.897	8.483
Intersection Improvement	San Marcos	Sessom Dr.	Loop 82	Commanche St.	Add center turn lane	2007	Construction to start 5/05	9	23.496	16.702
Intersection Improvement	San Marcos	N. LBJ Dr.	Sessom Dr.	Holland St.	Add center turn lane	2007	Construction to start 1/06	8	20.885	14.846
Intersection Improvement	Round Rock	Gattis School Rd.**	Windy Point	-	Construct 2 LT lanes	2010	On Time	1	N/A	N/A
Intersection Improvement	Round Rock	Gattis School Rd.**	AW Grimes	-	Construct 4 LT lanes	2010	On Time	1	N/A	N/A
Intersection Improvement	Round Rock	Gattis School Rd.**	South Creek	-	Construct 2 LT lanes	2010	On Time	1	N/A	N/A
Intersection Improvement	Round Rock	Gattis School Rd.**	South Crossing Drive	-	Construct LT lane	2010	On Time	1	N/A	N/A
<b>TOTAL</b>									<b>82.074</b>	<b>64.026</b>

\*\* These projects will be used for continued attainment, since they will be implemented beyond 2007.

**TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) COMMITMENTS**  
**EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MSA**  
**SIGNAL IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# SIGNALIZED INTERSECTIONS	2007 Emissions Reduced (lbs/day)	
									VOC	NOx
Signal Improvement	Round Rock	Palm Valley (US 79)/Sam Bass Rd. Signal Synchronization	Sam Bass @ Chisolm Trail	Palm Valley @ Red Bud Ln.	Program signal segments into Signal Coordination System	2004	Signals being programmed	10	14.919	14.091
Signal Improvement	Round Rock	Hesters Crossing/Mays Signal Synchronization	Hesters @ Rawhide	N. Mays @ Anderson	Program signal segments into Signal Coordination System	2004	Signals being programmed	7	4.979	4.702
Signal Improvement	Round Rock	Round Rock Ave.(RM 620) Signal Synchronization	IH 35 Frontage	Oaklands	Program signal segments into Signal Coordination System	2004	Signals being programmed	5	9.357	8.837
Signal Improvement	Round Rock	N. Mays / Old Settlers Blvd. Signal Synchronization	N. Mays @ Bowman	Old Settlers @ Plantation	Program signal segments into Signal Coordination System	2004	Signals being programmed	4	3.208	3.030
Signal Improvement	Round Rock	Gattis School Rd. Signal Synchronization	Greenlawn Blvd.	Red Bud Ln.	Program signal segments into Signal Coordination System	2004	Signals being programmed	5	3.186	3.009
Signal Improvement	Round Rock	FM 1460 Signal Synchronization	Bowman Rd.	Old Settler's Blvd.	Program signal segments into Signal Coordination System	2004	Signals being programmed	2	0.989	0.934
Signal Improvement	Round Rock	Bowman Rd. Signal Synchronization	Sunrise Rd.	FM 1460	Program signal segments into Signal Coordination System	2004	Signals being programmed	1	0.202	0.191
Signal Improvement	Round Rock	Red Bud/Forest Creek Signal Coordination	Redbud @ Forest Creek	-	Program signal into Signal Coordination System	2004	Signal being programmed	1	0.550	0.519
Signal Improvement	Round Rock	FM 1431/IH35 Signal Coordination	FM 1431 @ IH 35 Frontage	-	Program signal into Signal Coordination System	2004	Signal being programmed	1	3.889	3.673
Signal Improvement	TxDOT	FM 734 (Travis Co.)	2320' E of McNeil Dr	5580' E of McNeil Dr	Add signal & modify left turn lanes	2006	Proposed Let. Date 9/04	1	2.250	1.687
Signal Improvement	Round Rock	McNeil Rd. Signal Synchronization	IH 35 Frontage	Oakridge	Program signal segments into Signal Coordination System	2007	To be programmed in future	5	3.332	3.147
Signal Improvement	Round Rock	SH 45 Signal Synchronization	La Frontera Blvd.	Grimes Blvd.	Program signal segments into Signal Coordination System	2007	Programmed upon SH45 completion	4	6.663	6.293
Signal Improvement	Austin	US 183 N Synchronization Improvements	Pond Springs Rd.	RM 620	Install fiber optic cable for synchronization, remote control, & communication to traffic mgmt. center	2007	Construction to start 3/05	5	17.686	11.271

**TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) COMMITMENTS**  
**EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MSA**  
**SIGNAL IMPROVEMENTS**

PROJECT TYPE	AGENCY	PROJECT NAME	FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# SIGNALIZED INTERSECTIONS	2007 Emissions Reduced (lbs/day)	
									VOC	NOx
Signal Improvement	Austin	Parmer Ln. N Synchronization Improvements	Neenah	Amherst	Install fiber optic cable for synchronization, remote control, & communication to traffic mgmt. center	2007	Construction to start 7/05	11	30.126	18.666
Signal Improvement	Austin	Loop 360 Synchronization Improvements	US 183	RM 2222	Install fiber optic cable for synchronization, remote control, & communication to traffic mgmt. center	2007	Construction to start 1/05	5	16.433	10.612
Signal Improvement	Austin	RM 2222 Synchronization Improvements	Loop 360	RM 620	Install fiber optic cable for synchronization, remote control, & communication to traffic mgmt. center	2007	Construction to start 5/05	7	14.311	8.996
Signal Improvement	Austin	Far West Synchronization Improvements	Loop 1	Hart	Install fiber optic cable for synchronization, remote control, & communication to traffic mgmt. center	2007	Construction to start 11/05	4	7.657	4.601
Signal Improvement	San Marcos	Sessom Dr. Signal Improvements	Loop 82	Commanche St.	Signal upgrades	2007	Construction to start 5/05	2	2.400	1.293
Signal Improvement	San Marcos	N. LBJ Dr. Signal Improvements	Sessom	Holland	Signal upgrades	2007	Construction to start 1/06	1	1.200	0.646
Signal Improvement	Round Rock	Signal Improvements at New Locations**	-	-	Install New Traffic Signal	2008	Awaiting Bond Issuance	3	N/A	N/A
Signal Improvement	Round Rock	Signal Improvements at New Locations**	-	-	Install New Traffic Signal	2009	Awaiting Bond Issuance	3	N/A	N/A
								<b>TOTAL</b>	<b>143.336</b>	<b>106.197</b>

\*\* These projects will be used for continued attainment, since they will be implemented beyond 2007.

**TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) COMMITMENTS**  
**EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MS#**  
**BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2007 Emissions Reduced (lbs/day)	
									VOC	NOx
Bike/Ped	Austin	Nelms/Bluff Springs Sidewalks	Existing sidewalk	Bluff Springs	Install Sidewalks	2003	Under Construction	0.2	0.006	0.005
Bike/Ped	Austin	Georgian Sidewalks	US 183 Frontage	Wonsley	Install Sidewalks	2003	Under Construction	0.1	0.005	0.005
Bike/Ped	Austin	Comal Sidewalks	E 12th	MLK	Install Sidewalks	2003	Under Construction	0.4	0.008	0.007
Bike/Ped	Georgetown	Williams Drive Sidewalk	Riverside Drive	Booty's Crossing Road	Construct and repair for continuous sidewalk from 1H-35 to Booty's Crossing Road	2003	Contract let for construction	0.8	0.274	0.245
Bike/Ped	Georgetown	Northwest Boulevard and Lakeway Drive Sidewalk	Canyon Drive	Frost Elementary School	Construct Sidewalk to complete gap between Frost Elementary and Benold Middle schools	2003	Contract let for construction	0.2	0.006	0.006
Bike/Ped	Georgetown	Western Trail Sidewalk	Williams Drive	Lonesome Trail	Construct new sidewalk	2003	Contract let for construction	0.3	0.001	0.001
Bike/Ped	Georgetown	Dawn Drive Sidewalk	River Bend/ Dawn Drive	Shannon Drive/ Williams Drive	Construct and repair for continuous sidewalk	2003	Contract let for construction	0.8	0.007	0.007
Bike/Ped	Georgetown	College Street Sidewalk	2nd Street	6th Street	Construct new sidewalk	2003	Contract let for construction	0.2	0.003	0.003
Bike/Ped	Georgetown	7th Street Sidewalk	College Street	Maple Street	Construct new sidewalk	2003	Contract let for construction	0.2	0.005	0.004
Bike/Ped	Georgetown	18th Street Sidewalk	Vine Street	Hutto Road	Construct new sidewalk	2003	Contract let for construction	0.2	0.003	0.003
Bike/Ped	Georgetown	Quail Valley Drive Sidewalk	Maple Street	Trails End Drive	Construct new sidewalk	2003	Contract let for construction	0.3	0.002	0.002
Bike/Ped	Georgetown	15th Street Sidewalk	Church Street	Pine Street	Construct new sidewalk	2003	Contract let for construction	0.3	0.006	0.005
Bike/Ped	Georgetown	Scenic Drive Sidewalk	W. 10th Street	West University (SH 29)	Construct new sidewalk	2003	Contract let for construction	0.1	0.004	0.004
Bike/Ped	Georgetown	Railroad Avenue Sidewalk	West University (SH 29)	West 18th Street	Construct new sidewalk	2003	Contract let for construction	0.4	0.011	0.009
Bike/Ped	Georgetown	FM 2243 (Leander Road)	Woodmont Drive	IH 35	Construct Sidewalk to complete gap Woodmont Drive and IH 35	2003	Contract let for construction	0.1	0.009	0.008
Bike/Ped	Georgetown	Rockcrest Drive Sidewalk	Woodview Drive	Thousand Oaks Blvd.	Construct new sidewalk	2003	Contract let for construction	0.2	0.002	0.002
Bike/Ped	Austin	Airport Blvd. Sidewalks	Guadalupe	RM 2222	Sidewalk on both sides of Airport Blvd.	2004	Under Construction	1.0	0.261	0.233
Bike/Ped	Austin	Enfield Rd Sidewalks	Exposition	Lamar	Sidewalk on north side of Enfield	2004	Under Construction	0.8	0.043	0.039

**TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) COMMITMENTS**  
**EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MS#**  
**BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2007 Emissions Reduced (lbs/day)	
									VOC	NOx
Bike/Ped	Austin	Allendale Rd Sidewalks	Burnet	Loop 1	Sidewalk on both sides of Allendale	2004	In Design	1.0	<b>0.241</b>	<b>0.216</b>
Bike/Ped	Austin	Lamar Blvd Sidewalks	Martin Luther King	29th St.	Sidewalk on east side of Lamar	2004	In Design	1.2	<b>0.405</b>	<b>0.363</b>
Bike/Ped	Austin	Riverside Blvd Sidewalks	Burton	Pleasant Valley	Sidewalk on south side of Riverside	2004	In Design	0.6	<b>0.270</b>	<b>0.242</b>
Bike/Ped	Austin	Lamar Blvd Sidewalks	Panther	Barton Skyway	Sidewalk on both sides of Lamar	2004	In Design	1.2	<b>0.486</b>	<b>0.436</b>
Bike/Ped	Austin	Montopolis Sidewalks	Riverside	Ben White	Sidewalk on east side of Montopolis	2004	In Design	1.0	<b>0.160</b>	<b>0.143</b>
Bike/Ped	Austin	Lakeshore Blvd Sidewalks	Riverside	Pleasant Valley	Sidewalk on north side Lakeshore	2004	In Design	0.7	<b>0.074</b>	<b>0.066</b>
Bike/Ped	Austin	Stassney Sidewalks	Congress	IH 35	Sidewalk on north side of Stassney	2004	In Design	0.7	<b>0.216</b>	<b>0.194</b>
Bike/Ped	Austin	Lamar Blvd Sidewalks	38th	45th	Sidewalk on east side of Lamar	2004	In Design	0.5	<b>0.154</b>	<b>0.138</b>
Bike/Ped	Austin	Metric Blvd Sidewalks	Rutland	Braker	Sidewalk on west side of Metric	2004	In Design	1.0	<b>0.261</b>	<b>0.233</b>
Bike/Ped	Austin	Guadalupe St. Sidewalks	51st	Koenig	Sidewalk on east side of Guadalupe	2004	In Design	0.6	<b>0.081</b>	<b>0.073</b>
Bike/Ped	Austin	S. 1st St. Sidewalks	Stassney	Flournoy	Sidewalk on west side of S 1st.	2004	In Design	0.5	<b>0.101</b>	<b>0.091</b>
Bike/Ped	Austin	7th St. Sidewalks	Chicon	Webberville	Sidewalk on north side of 7th	2004	In Design	0.5	<b>0.125</b>	<b>0.112</b>
Bike/Ped	Austin	3rd St. Sidewalks	Red River	Sabine	Sidewalk on north side of 3rd	2004	In Design	0.2	<b>0.001</b>	<b>0.001</b>
Bike/Ped	Austin	4th St. Sidewalks	Red River	Sabine	Sidewalk on south side of 4th	2004	In Design	0.2	<b>0.003</b>	<b>0.002</b>
Bike/Ped	Austin	5th St. Sidewalks	San Jacinto	Trinity	Sidewalk on both sides of 5th	2004	In Design	0.1	<b>0.015</b>	<b>0.013</b>
Bike/Ped	Austin	Brazos St. Sidewalks	4th S.	3rd St.	Sidewalk on east side of Brazos	2004	In Design	0.1	<b>0.004</b>	<b>0.004</b>
Bike/Ped	Austin	Cesar Chavez Sidewalks	Red River	Sabine	Sidewalk on north side of Cesar Chavez	2004	In Design	0.1	<b>0.022</b>	<b>0.020</b>
Bike/Ped	Austin	Lavaca St. Sidewalks	12th	13th	Sidewalk on east side of Lavaca	2004	In Design	0.1	<b>0.014</b>	<b>0.013</b>
Bike/Ped	Austin	Red River St. Sidewalks	2nd	Cesar Chavez	Sidewalk on east side of Red River	2004	In Design	0.1	<b>0.002</b>	<b>0.001</b>

**TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) COMMITMENTS**  
**EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MS#**  
**BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2007 Emissions Reduced (lbs/day)	
									VOC	NOx
Bike/Ped	Austin	Riverside Blvd Sidewalks	Lee Barton	Dawson	Sidewalk on south side Riverside	2004	In Design	0.2	0.026	0.023
Bike/Ped	Austin	Riverside Blvd Sidewalks	Congress	Newning	Sidewalk on south side Riverside	2004	In Design	0.2	0.065	0.058
Bike/Ped	Austin	San Antonio St. Sidewalks	9th	10th	Sidewalk on east side of San Antonio	2004	In Design	0.1	0.001	0.001
Bike/Ped	Austin	San Antonio St. Sidewalks	5th	6th	Sidewalk on east side of San Antonio	2004	In Design	0.1	0.002	0.002
Bike/Ped	Austin	Wilson Sidewalks	EL Paso	Cumberland	Install Sidewalks	2004	In Design	0.1	0.003	0.003
Bike/Ped	Austin	40th St Sidewalks	Guadalupe	Ave B	Install Sidewalks	2004	In Design	0.1	0.002	0.002
Bike/Ped	Austin	Pleasant Valley Rd. Sidewalks	Nile	Chesnut	Install Sidewalks	2004	In Design	0.2	0.011	0.010
Bike/Ped	Austin	S 5th St. Sidewalks	Daniel	Elizabeth	Install Sidewalks	2004	In Design	0.3	0.008	0.007
Bike/Ped	Austin	Red River St. Sidewalks	Clarkson	46th	Install Sidewalks	2004	In Design	0.2	0.002	0.002
Bike/Ped	Austin	Carsonhill Sidewalks	Bundyhill	Carsonhill	Install Sidewalks	2004	In Design	0.1	0.001	0.000
Bike/Ped	Austin	Gunter Sidewalks	Airport	Oak Springs	Install Sidewalks	2004	In Design	0.2	0.009	0.008
Bike/Ped	Austin	Kirk Sidewalks	Airport	Govalle Elementary	Install Sidewalks	2004	In Design	0.2	0.007	0.006
Bike/Ped	Round Rock	Citywide Sidewalks*	Various Locations	-	Construct Sidewalks	2004	On Time	6.2	N/A	N/A
Bike/Ped	Williamson Co.	Lake Creek Trail, Phase I	Anderson Mill Rd.	Broadmeade	Construction of 6' crushed granite trail	2004	In Design	1.3	0.628	0.563
Bike/Ped	Austin	W 9th St. Sidewalks	Blanco	West Lynn	Install Sidewalks	2005	In Design	0.2	0.007	0.006
Bike/Ped	Austin	E 5th St. Sidewalks	Pedernales	Martinez	Install Sidewalks	2005	In Design	0.2	0.001	0.001
Bike/Ped	Austin	Hoeke Sidewalks	Riverside	Rusty	Install Sidewalks	2005	In Design	0.3	0.008	0.007
Bike/Ped	Austin	N. Lamar Sidewalk	Parmer Ln	ft. south of Howard	Install Sidewalk on west side	2006	Construction to start 6/05	1.2	0.548	0.491
Bike/Ped	TXDOT	RM 12 (Hays)	RM 150	RM 2325	Construct paved shoulders	2006	Proposed Let. Date 2/04	9.9	1.240	1.110

**TRANSPORTATION EMISSION REDUCTION MEASURES (TERMs) COMMITMENTS**  
**EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MS#**  
**BICYCLE & PEDESTRIAN FACILITIES**

PROJECT TYPE	AGENCY	PROJECT NAME	AT / FROM	TO	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	PROJECT LENGTH (mi)	2007 Emissions Reduced (lbs/day)	
									VOC	NOx
Bike/Ped	TXDOT	RM 12 (Hays)	Proposed FM 3407	1.4 mi east of FM 3407	Add center turn lane & shoulders (Note: this project also listed under intersection improvements.)	2006	Proposed Let. Date 8/04	1.5	0.298	0.267
Bike/Ped	TXDOT	FM 969 (Travis)	Perez St.	0.12 mi east of Tannehill Ln.	Construct sidewalks	2006	75% Complete	1.4	0.211	0.189
Bike/Ped	UT	Bicycle Hub & Bike Amenities	at UT Campus transit hub	-	Install bicycle hub & bike amenities around campus (racks, lockers, etc.)	2006	Purchases start summer 04	N/A	6.810	6.100
Bike/Ped	San Marcos	Sessom Dr. Sidewalks & Bike Lanes	Loop 82	Commanche	Construct sidewalks & bike lanes	2007	Construction to start 5/05	1.0	0.343	0.290
Bike/Ped	San Marcos	N. LBJ Dr. Sidewalks & Bike Lanes	Sessom Dr.	Holland	Construct sidewalks & bike lanes	2007	Construction to start 1/05	1.0	0.343	0.290
Bike/Ped	TXDOT	RM 1431 (Williamson)	Bagdad Rd.	US 183	Reconst to 6-In div road, includes sidewalks & wide outside lane	2007	Proposed Let. Date 12/03	0.8	0.206	0.185
Bike/Ped	TXDOT	US 183 (Williamson)	Central Dr.	Discover Blvd.	Reconst to 4-In div road, includes sidewalks & wide outside lane	2007	Proposed Let. Date 12/03	1.0	0.387	0.347
Bike/Ped	Round Rock	CR 122 / Red Bud Ln.**	US 79	Gattis School Rd.	Construct sidewalks	2008	On Time	1.4	N/A	N/A
Bike/Ped	TXDOT	FM 1625 (Travis)**	US 183	FM 1327	Add shoulders & rehab.	2008	Proposed Let. Date 9/06	4.7	N/A	N/A
Bike/Ped	TXDOT	SH 195 (Williamson)**	3.4 mi south of SH 138	8.1 mi south of SH 138	Widen to 4-In divided with shoulders	2008	proposed let. Date 8/06	4.6	N/A	N/A
Bike/Ped	TXDOT	FM 2338 (Williamson)**	Jim Hogg Rd.	Cedar Breaks Rd.	Widen Roadway, sidewalks & shoulders	2009	Proposed let date 9/06	4.7	N/A	N/A
<b>TOTAL</b>									<b>11.077</b>	<b>9.886</b>

\* There are no emission reductions calculated for this project, because there is no average volume for the projects' parallel roadways, which is required for emissions quantification.

\*\* These projects will be used for continued attainment, since they will be implemented beyond 2007.

**TRANSPORTATION EMISSION REDUCTION MEASURES  
EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MSA  
INTELLIGENT TRANSPORTATION SYSTEMS (ITS)**

PROJECT TYPE	PROJECT AGENCY	PROJECT NAME	PROJECT LIMITS	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	MONITORED ROADWAY(S) mi	2007 Emissions Reduced (lbs/day)	
								VOC	NOx
ITS	TXDOT	Loop 1 (MoPac)	FM 734 (Parmer Lane) to Braker Lane	Install Conduit & Detection & Freeway Transportation Mgmt. System	2007	Let. 11/03	2.9	<b>8.958</b>	<b>8.958</b>
ITS	TXDOT	US 290	E of Williamson Creek to Loop 360	Complete conduit & detection & Freeway Transportation Management System	2007	Let. 3/04	3.9	<b>9.490</b>	<b>9.490</b>
ITS	TXDOT	US 290	SPRR to US 183 (Travis)	Install Conduit & Detection & Freeway Transportation Mgmt. System	2007	Let. 6/04	2.7	<b>4.825</b>	<b>4.825</b>
ITS	TXDOT	IH 35	St. Elmo St. to Slaughter	Install Conduit & Detection & Freeway Transportation Mgmt. System	2007	Let. 6/04	3.7	<b>18.049</b>	<b>18.049</b>
							<b>TOTAL</b>	<b>41.322</b>	<b>41.322</b>

**TRANSPORTATION EMISSION REDUCTION MEASURES  
EAC CLEAN AIR ACTION PLAN - AUSTIN/ROUND ROCK MSA  
TRANSIT PROJECTS**

PROJECT TYPE	PROJECT AGENCY NAME	PROJECT NAME	PROJECT DESCRIPTION	IMPLEM. DATE	PROJECT STATUS	# Bus Commitments	2007 Emissions Reduced (lbs/day)	
							VOC	NOx
Transit	TSU	San Marcos - Austin Commuter Bus Service	Purchase new hybrid-electric bus open to public and student Austin-San Marcos commuters	2004	Purchasing Bus	1	35.101	14.509
<b>TOTAL</b>							<b>35.101</b>	<b>14.509</b>