

### Georgia CMAQ Projects

A	B	C	D	E	F	G						H	I	J	K				L	M	N					
Project Reporting Category	MPO	GDOT P#	NonAttainment Maintenance Area	Project Year	Project Title	VOC Benefit (lb/day)	VOC Annual (260 Days)	CO Benefit (lb/day)	CO Annual (260 Days)	NOx Benefit (lb/day)	NOx Annual	PM 2.5 Benefit (lb/year)	PM 2.5 Annual	CMAQ Obligation--\$	Total Project amt--\$	CMAQ Obligation in 2010 dollars	VOC	CO	NOx	PM 2.5	Project life expectancy	Annualized cost	VOC	CO	NOx	PM 2.5
Demand Management	No MPO identified/State sponsored project	6777	Atlanta	2009	Statewide CMAQ TDM/Commute Options Employer Services & Advertising	2575.99	669,756.94			1985.99	516,356.84			\$7,040,000.00	\$8,344,663.00	\$7,155,475.47	\$11		\$14		3	\$2,726,605.84	\$4.07		\$5.28	
	Atlanta Regional Commission	6778	Atlanta	2010	STATEWIDE CMAQ-TDM EMPLOYEE SERVICES & ADVERTISING - 2010	2576.10	669,785.60			1985.92	516,339.64			\$7,280,000.00	\$8,800,000.00	\$7,280,000.00	\$11	<b>1</b>	\$14		3	\$2,774,056.13	\$4.14		\$5.37	
	Atlanta Regional Commission	6780	Atlanta	2010	TDM REGIONAL RIDESHARING - FY2010 - 2012	1300.73	338,188.71			1873.93	487,221.02			\$5,850,000.00	\$5,850,000.00	\$5,850,000.00	\$17		\$12		3	\$2,229,152.24	\$6.59		\$4.58	
Traffic Flow Improvements	Atlanta Regional Commission	9188	Atlanta	2009	GRTA TOWING & RECOVERY PROJECT							20.00	5198.93	\$304,000.00	\$380,000.00	\$308,986.44				\$59	10	\$43,992.72				\$8.46
	Atlanta Regional Commission	6809	Atlanta	2009	ITS - S INDIAN CRK @3 LOC & REDAN RD@ 2 LOC- TRAFFIC SIGNAL UPGRADE					67.99	17,677.53			\$411,674.00	\$411,674.00	\$418,426.59		<b>2</b>	\$24		10	\$59,574.53			\$3.37	
	Atlanta Regional Commission	6818	Atlanta	2010	WINDWARD PKWY TRAFFIC SIGNAL INTERCONNECTIONS	117.20	30,471.95			41.40	10,763.57			\$593,819.00	\$742,274.00	\$593,819.00	\$19		\$55		10	\$84,546.47	\$2.77		\$7.85	
	Atlanta Regional Commission	6819	Atlanta	2010	NORTH POINT PKWY TRAFFIC SIGNAL INTERCONNECTIONS	170.60	44,356.03			60.00	15,600.24			\$809,051.00	\$1,011,314.00	\$809,051.00	\$18		\$52		10	\$115,190.66	\$2.60		\$7.38	
	Atlanta Regional Commission	6893	Atlanta	2010	IDLEWOOD ROAD/MAIN STREET SIGNAL IMPROVEMENTS	5.60	1,455.93			2.40	623.99			\$129,042.00	\$161,303.00	\$129,042.00	\$89		\$207		10	\$18,372.68	\$12.62		\$29.44	
I/M and Other	Atlanta Regional Commission	6739	Atlanta	2005	School Bus Retrofits - approx. 300 Buses	18.08	4,700.25	51.37	13,355.59					\$800,000.00	\$1,000,000.00	\$813,122.21	\$173	\$61			30	\$65,526.59	\$13.94	\$4.91		
	Atlanta Regional Commission	6738	Atlanta	2005	School Bus Retrofits - approx. 300 Buses	18.08	4,700.25	51.37	13,355.59					\$1,200,000.00	\$1,500,000.00	\$1,219,683.32	\$259	\$91			30	\$98,289.89	\$20.91	\$7.36		
	Atlanta Regional Commission	9203	Atlanta	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION PROJECT - FY 2010					767.12	199,451.09	21.92	5,698.65	\$11,900,000.00	\$17,000,000.00	\$11,900,000.00			\$60	\$2,088	30	\$958,978.20			\$4.81	\$168.28
	Macon Area Transportation Study	9212	Macon	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION IN BIBB - FY2010					230.16	59,842.21	6.58	1,709.57	\$1,800,000.00	\$2,571,429.00	\$1,800,000.00		<b>3</b>	\$30	\$1,053	30	\$145,055.53			\$2.42	\$84.85
	Rome/Floyd County Planning Commission	9216	Rome	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION IN ROME/FLOYD					76.72	19,947.40	2.19	569.88	\$900,000.00	\$1,285,714.00	\$1,285,714.00			\$64	\$2,256	30	\$103,611.07			\$5.19	\$181.81
Pedestrian/Bicycle (208 Days)	Atlanta Regional Commission	6876	Atlanta	2009	Bike/Ped. - SPRING RD & CUMBERLAND BLVD FM CAMPBELL RD TO CUMBERLAND PKWY			100.00	26,000.41	10.01	2,602.33			\$720,000.00	\$1,609,912.00	\$731,809.99		\$28	\$281		15	\$80,348.80	\$3.09	\$30.88		
	Atlanta Regional Commission	4504	Atlanta	2009	Pedestrian Facility - Veterans Memorial Highway/US 78			13.80	3,588.24	1.19	309.53			\$468,800.00	\$586,000.00	\$476,489.62		\$133	\$1,539		15	\$52,316.00	\$14.58	\$169.02		
	Atlanta Regional Commission	753300-	Atlanta	2009	Pedestrian Facility - Hammond Drive Sidewalks			20.00	5,198.93	2.01	521.61			\$1,044,000.00	\$1,305,000.00	\$1,061,124.49		\$204	\$2,034		15	\$116,505.76	\$22.41	\$223.36		
	Atlanta Regional Commission	4208	Atlanta	2010	DALLAS CONNECTING SIDEWALKS	7.20	1,871.50			6.00	1,559.68			\$1,256,190.00	\$1,570,237.00	\$1,256,190.00	\$671	<b>4</b>	\$805		15	\$137,922.91	\$73.70		\$88.43	
	Atlanta Regional Commission	569	Atlanta	2010	SENOIA MULTI-USE TRAIL ON PYLANT & SEAVY ST	7.20	1,872.08			6.00	1,560.25			\$263,560.00	\$329,450.00	\$263,560.00	\$141		\$169		15	\$28,937.47	\$15.46		\$18.55	
Transit	Atlanta Regional Commission	9179	Atlanta	2009	GRTA EXPRESS BUS DIESEL RETROFIT PROJECT							1.59	412.70	\$820,000.00	\$820,000.00	\$833,450.27				\$2,019	12	\$104,933.05				\$254.26
	Atlanta Regional Commission	9189	Atlanta	2009	DEKALB HYBRID SCHOOL BUS PROJECT					1.17	303.80	0.02	5.73	\$540,000.00	\$960,000.00	\$548,857.49			\$1,807	\$95,753	12	\$69,102.25			\$227.46	\$12,055.50
Traffic Flow Improvements	Atlanta Regional Commission	6928	Atlanta	2009	Intersection Improvement SR92 @ CR466/CR 2839/DUE WEST ROAD IN COBB & PAULDING	1.41	366.85			0.60	154.76			\$753,941.00	\$942,427.00	\$766,307.72	\$2,089		\$4,951		10	\$109,104.98	\$297.41		\$704.97	
	Atlanta Regional Commission	6867	Atlanta	2009	Intersection Improvement - CR 895/TOWER ROAD FROM SR 5/CHURCH STREET TO RR	2.20	573.20			0.99	257.94			\$5,246,136.00	\$6,557,670.00	\$5,332,187.14	\$9,302	<b>5</b>	\$20,672		10	\$759,183.49	\$1,324.46		\$2,943.25	
	Atlanta Regional Commission	6892	Atlanta	2009	Intersection Improvement - Memorial Drive @ East Ponce de Leon Ave / Main Street					0.79	206.35			\$640,000.00	\$800,000.00	\$650,497.77			\$3,152		10	\$92,616.25			\$448.83	
<b>HOV</b>				I-85 HOV	30.86	8023.6				15.43	4011.8	7.72	2007.2			\$38,000,000.00	\$4,736	\$9,472			\$3,062,283.33	\$381.66		\$763.32	\$1,525.65	

MIN	\$11	\$28	\$12	\$59
MAX	\$9,302	\$204	\$20,672	\$95,753
AVG	\$1,067	\$103	\$1,892	\$17,205
Median	\$115	\$91	\$169	\$2,054

MIN	\$3	\$3	\$2	\$8
MAX	\$1,324	\$22	\$2,943	\$12,055
AVG	\$148	\$10	\$259	\$2,126
Median	\$13	\$7	\$19	\$175

	VOC Cost	NOx	PM 2.5
Low	\$0 to \$100	\$0 to \$100	\$0 to \$100
Medium	\$101 to \$2000	\$101 to \$2000	\$101 to \$2000
High	\$2001 +	\$2001 +	\$2001 +

## GEORGIA CMAQ PROJECTS\*

<b>A</b>	<b>No. Projects</b>	<b>B</b> Average Annual lbs. reduced			<b>C</b> Average \$ per Year per lb.			<b>D</b> Average Annualized Cost		
		VOC	NOx	PM 2.5	VOC	NOx	PM 2.5	VOC	NOx	PM 2.5
<b>Traffic Flow Improvements</b>										
Intersection Improvements	3	470	206	N/A	\$5,696	\$9,592	N/A	\$811	\$1,366	N/A
Signal Projects	4	25,428	11,166	N/A	\$42	\$84	N/A	\$6	\$12	N/A
<b>Bike/Ped</b>	<b>5</b>	1,872	1,311	N/A	\$406	\$966	N/A	\$45	\$106	N/A
<b>Demand Management (TDM)</b>	<b>3</b>	559,244	506,639	N/A	\$13	\$13	N/A	\$5	\$5	N/A
<b>Transit</b>	<b>2</b>	N/A	304	209	N/A	\$1,807	\$48,886	N/A	\$227	\$6,155
<b>I/M and Other</b>										
School Bus Retrofit	2	4,700	N/A	N/A	\$216	N/A	N/A	\$17	N/A	N/A
Railroad	3	N/A	93,080	2,659	N/A	\$51	\$1,799	N/A	\$4	\$145

\*based on MOBILE 6.2

# Georgia Projects

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Project Reporting Category	MPO	GDOT P#	NonAttainment Maintenance Area	Project Year	Project Title	VOC Benefit (lb/day)	VOC Annual (260 Days)	CO Benefit (lb/day)	CO Annual (260 Days)	NOx Benefit (lb/day)	NOx Annual	PM 2.5 Benefit (lb/year)	PM 2.5 Annual	CMAQ Obligation--\$	Total Project amt--\$	CMAQ Obligation in 2010 dollars	VOC	CO	NOx	PM 2.5	Project life expectancy	Annualized cost	VOC	CO	NOx	PM 2.5	
Traffic Flow Improvements	Atlanta Regional Commission	6928	Atlanta	2009	Intersection Improvement SR92 @ CR466/CR 2839/DUE WEST ROAD IN COBB & PAULDING	1.41	366.85			0.60	154.76			\$753,941.00	\$942,427.00	\$766,307.72	\$2,089	5	\$4,951		10	\$109,104.98	\$297.41		\$704.97		
	Atlanta Regional Commission	6867	Atlanta	2009	Intersection Improvement - CR 895/TOWER ROAD FROM SR 5/CHURCH STREET TO RR	2.20	573.20			0.99	257.94			\$5,246,136.00	\$6,557,670.00	\$5,332,187.14	\$9,302	5	\$20,672		10	\$759,183.49	\$1,324.46		\$2,943.25		
	Atlanta Regional Commission	6892	Atlanta	2009	Intersection Improvement - Memorial Drive @ East Ponce de Leon Ave / Main Street					0.79	206.35			\$640,000.00	\$800,000.00	\$650,497.77			\$3,152		10	\$92,616.25			\$448.83		
	Atlanta Regional Commission	9188	Atlanta	2009	GRTA TOWING & RECOVERY PROJECT								20.00	5198.93	\$304,000.00	\$380,000.00	\$308,986.44				\$59	10	\$43,992.72				\$8.46
	Atlanta Regional Commission	6809	Atlanta	2009	ITS - S INDIAN CRK @3 LOC & REDAN RD@ 2 LOC- TRAFFIC SIGNAL UPGRADE					67.99	17,677.53			\$411,674.00	\$411,674.00	\$418,426.59			\$24		10	\$59,574.53				\$3.37	
	Atlanta Regional Commission	6818	Atlanta	2010	WINDWARD PKWY TRAFFIC SIGNAL INTERCONNECTIONS	117.20	30,471.95			41.40	10,763.57			\$593,819.00	\$742,274.00	\$593,819.00	\$19		\$55		10	\$84,546.47	\$2.77			\$7.85	
	Atlanta Regional Commission	6819	Atlanta	2010	NORTH POINT PKWY TRAFFIC SIGNAL INTERCONNECTIONS	170.60	44,356.03			60.00	15,600.24			\$809,051.00	\$1,011,314.00	\$809,051.00	\$18		\$52		10	\$115,190.66	\$2.60			\$7.38	
	Atlanta Regional Commission	6893	Atlanta	2010	IDLEWOOD ROAD/MAIN STREET SIGNAL IMPROVEMENTS	5.60	1,455.93			2.40	623.99			\$129,042.00	\$161,303.00	\$129,042.00	\$89		\$207		10	\$18,372.68	\$12.62			\$29.44	
Pedestrian/Bicycle (208 Days)	Atlanta Regional Commission	6876	Atlanta	2009	Bike/Ped. - SPRING RD & CUMBERLAND BLVD FM CAMPBELL RD TO CUMBERLAND PKWY			100.00	26,000.41	10.01	2,602.33			\$720,000.00	\$1,609,912.00	\$731,809.99		\$28	\$281		15	\$80,348.80		\$3.09		\$30.88	
	Atlanta Regional Commission	4504	Atlanta	2009	Pedestrian Facility - Veterans Memorial Highway/US 78			13.80	3,588.24	1.19	309.53			\$468,800.00	\$586,000.00	\$476,489.62		\$133	\$1,539		15	\$52,316.00		\$14.58		\$169.02	
	Atlanta Regional Commission	753300-	Atlanta	2009	Pedestrian Facility - Hammond Drive Sidewalks			20.00	5,198.93	2.01	521.61			\$1,044,000.00	\$1,305,000.00	\$1,061,124.49		\$104	\$2,034		15	\$116,505.76		\$22.41		\$223.36	
	Atlanta Regional Commission	4208	Atlanta	2010	DALLAS CONNECTING SIDEWALKS	7.20	1,871.50			6.00	1,559.68			\$1,256,190.00	\$1,570,237.00	\$1,256,190.00	\$671		\$805		15	\$137,922.91	\$73.70			\$88.43	
	Atlanta Regional Commission	569	Atlanta	2010	SENOIA MULTI-USE TRAIL ON PYLANT & SEAVY ST	7.20	1,872.08			6.00	1,560.25			\$263,560.00	\$329,450.00	\$263,560.00	\$141		\$169		15	\$28,937.47	\$15.46			\$18.55	
Land Management	No MPO identified/State sponsored project	6777	Atlanta	2009	Statewide CMAQ TDM/Commute Options Employer Services & Advertising	2575.99	669,756.94			1985.99	516,356.84			\$7,040,000.00	\$8,344,663.00	\$7,155,475.47	\$11		\$14		3	\$2,726,605.84	\$4.07			\$5.28	
	Atlanta Regional Commission	6778	Atlanta	2010	STATEWIDE CMAQ-TDM EMPLOYEE SERVICES & ADVERTISING - 2010	2576.10	669,785.60			1985.92	516,339.64			\$7,280,000.00	\$8,800,000.00	\$7,280,000.00	\$11		\$14		3	\$2,774,056.13	\$4.14			\$5.37	
	Atlanta Regional Commission	6780	Atlanta	2010	TDM REGIONAL RIDESHARING - FY 2010 - 2012	1300.73	338,188.71			1873.93	487,221.02			\$5,850,000.00	\$5,850,000.00	\$5,850,000.00	\$17		\$12		3	\$2,229,152.24	\$6.59			\$4.58	
Transit	Atlanta Regional Commission	9179	Atlanta	2009	GRTA EXPRESS BUS DIESEL RETROFIT PROJECT							1.59	412.70	\$820,000.00	\$820,000.00	\$833,450.27				\$2,019	12	\$104,933.05				\$254.26	
	Atlanta Regional Commission	9189	Atlanta	2009	DEKALB HYBRID SCHOOL BUS PROJECT					1.17	303.80	0.02	5.73	\$540,000.00	\$960,000.00	\$548,857.49		4	\$1,807	\$95,753	12	\$69,102.25			\$227.46	\$12,055.50	
M and Other	Atlanta Regional Commission	6739	Atlanta	2005	School Bus Retrofits - approx. 300 Buses	18.08	4,700.25	51.37	13,355.59					\$800,000.00	\$1,000,000.00	\$813,122.21	\$173	\$61			30	\$65,526.59	\$13.94	\$4.91			
	Atlanta Regional Commission	6738	Atlanta	2005	School Bus Retrofits - approx. 300 Buses	18.08	4,700.25	51.37	13,355.59					\$1,200,000.00	\$1,500,000.00	\$1,219,683.32	\$259				30	\$98,289.89	\$20.91	\$7.36			
	Atlanta Regional Commission	9203	Atlanta	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION PROJECT - FY 2010					767.12	199,451.09	21.92	5,698.65	\$11,900,000.00	\$17,000,000.00	\$11,900,000.00			\$60	\$2,088	30	\$958,978.20			\$4.81	\$168.28	
	Macon Area Transportation Study	9212	Macon	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION IN BIBB - FY 2010					230.16	59,842.21	6.58	1,709.57	\$1,800,000.00	\$2,571,429.00	\$1,800,000.00			\$30	\$1,053	30	\$145,055.53			\$2.42	\$84.85	
	Rome/Floyd County Planning Commission	9216	Rome	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION IN ROME/FLOYD					76.72	19,947.40	2.19	569.88	\$900,000.00	\$1,285,714.00	\$1,285,714.00			\$64	\$2,256	30	\$103,611.07			\$5.19	\$181.81	

MIN	\$11	\$28	\$12	\$59
MAX	\$9,302	\$204	\$20,672	\$95,753
AVG	\$1,067	\$103	\$1,892	\$17,205
Median	\$115	\$91	\$169	\$2,054

MIN	\$3	\$3	\$2	\$8
MAX	\$1,324	\$22	\$2,943	\$12,055
AVG	\$148	\$10	\$259	\$2,126
Median	\$13	\$7	\$19	\$175

	VOC Cost	NOx	PM 2.5
Low	\$0 to \$100	\$0 to \$100	\$0 to \$1000
Medium	\$101 to \$1000	\$101 to \$2500	\$1001 to \$5000
Red	\$1001 +	\$2501 +	\$5001 +

GDOT PI#
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## Project Description

Make intersection improvements at the intersection of SR 92 and Due West Rd.

Make safety improvements along Tower Rd from west of Rose Lane St to Church St.

Make signal upgrades and pedestrian improvements at 5 intersections along S Indian Creek Dr and Redan Rd.

Realign Silver Hill Road to 3rd Street. Construct left turn lanes on East Ponce de Leon Avenue, Main Street, and Memorial Drive.

GRTA towing and recovery: improvement category is listed as system enhancement and operation.

Install fiber trunk line along Windward Parkway from SR 9 to McGinnis Ferry Road.

Install fiber trunk line along Northpoint Parkway from Mansell Road to Windward Parkway.

Provide traffic signalization upgrades and pedestrian improvements along Idlewood Rd/Main St at 1st Ave.

Build a bicycle/pedestrian path along Spring Rd from Campbell Rd to Cumberland Pkwy.

Construct sidewalks on both sides of Veterans Memorial Hwy from Thornton Rd to Rosehill St.

Construct sidewalks on both sides of Hammond Drive from DeKalb County line to SR 400.

Construct sidewalks along Seaboard Dr, N Johnston St, Jimmy Campbell Pkwy, West Ave, E Memorial Dr, and Polk Ave in the City of Dallas.

Construct a multi-use trail in Senoia on Pylant St and Seavy St.

Provide funding for statewide CMAQ TDM/commute options employer services and associated advertising.

Provide funding for statewide CMAQ TDM/commute options employer services and associated advertising.

TDM regional ridesharing; improvement category: system enhancement and operation.

Retrofit diesel engines of GRTA express buses.

Retrofit DeKalb County school buses with hybrid engines.

Retrofit diesel engines of City of Atlanta vehicles.

Retrofit diesel engines of City of Oakwood vehicles in Hall County.

Retrofit diesel engines of Fayette County vehicles.

EPD idle control project

Purchase cleaner diesel technology called Generator Set ("Genset") locomotives to replace older traditional switcher locomotives.

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A	B	C	D	E	F				G	H	I						
Project Reporting Category	MPO	GDOT PI#	NonAttainment Maintenance Area	Project Year	Project Title	VOC Benefit (lb/day)	CO Benefit (lb/day)	NOx Benefit (lb/day)	PM 2.5 Benefit (lb/day)	CMAQ Obligation--\$\$	Total Project amt--\$\$	CMAQ Obligation in 2010 dollars	VOC	CO	NOx	PM 2.5	
Traffic Flow Improvements	Atlanta Regional Commission	6928	Atlanta	2009	Intersection Improvement SR92 @ CR466/CR 2839/DUE WEST ROAD IN COBB & PAULDING	366.849		154.7643		\$753,941.00	\$942,427.00		\$2,055.18		4,871.54		
	Atlanta Regional Commission	6867	Atlanta	2009	Intersection Improvement - CR 895/TOWER ROAD FROM SR 5/CHURCH STREET TO RR	573.201		257.9405		\$5,246,136.00	\$6,557,670.00		\$9,152.35		20,338.55		
	Atlanta Regional Commission	6809	Atlanta	2009	ITS - S INDIAN CRK @3 LOC & REDAN RD@ 2 LOC- TRAFFIC SIGNAL UPGRADE	0		17677.53		\$411,674.00	\$411,674.00				23.29		
	Atlanta Regional Commission	6892	Atlanta	2009	Intersection Improvement - Memorial Drive @ East Ponce de Leon Ave / Main Street	0		206.3524		\$640,000.00	\$800,000.00				3,101.49		
	Atlanta Regional Commission	9188	Atlanta	2009	GRTA TOWING & RECOVERY PROJECT	0		0	5198.93	\$304,000.00	\$380,000.00						\$58.47
	Atlanta Regional Commission	6818	Atlanta	2010	WINDWARD PKWY TRAFFIC SIGNAL INTERCONNECTIONS	30471.9		10763.57		\$593,819.00	\$742,274.00		\$19.49		55.17		
	Atlanta Regional Commission	6819	Atlanta	2010	NORTH POINT PKWY TRAFFIC SIGNAL INTERCONNECTIONS	44356		15600.24		\$809,051.00	\$1,011,314.00		\$18.24		51.86		
	Atlanta Regional Commission	6893	Atlanta	2010	IDLEWOOD ROAD/MAIN STREET SIGNAL IMPROVEMENTS	1455.93		623.9868		\$129,042.00	\$161,303.00		\$88.63		206.80		
Pedestrian/Bicycle (208 Days)	Atlanta Regional Commission	6876	Atlanta	2009	Bike/Ped. - SPRING RD & CUMBERLAND BLVD FM CAMPBELL RD TO CUMBERLAND PKWY	0	20800.3	2602.333		\$720,000.00	\$1,609,912.00			34.61	276.67		
	Atlanta Regional Commission	4504	Atlanta	2009	Pedestrian Facility - Veterans Memorial Highway/US 78	0	2870.59	247.6229		\$468,800.00	\$586,000.00			163.31	1,893.20		
	Atlanta Regional Commission	753300-	Atlanta	2009	Pedestrian Facility - Hammond Drive Sidewalks	0	4159.15	417.2905		\$1,044,000.00	\$1,305,000.00			251.01	2,501.85		
	Atlanta Regional Commission	4208	Atlanta	2010	DALLAS CONNECTING SIDEWALKS	1497.2	0	1247.744		\$1,256,190.00	\$1,570,237.00		\$839.03		1,006.77		
	Atlanta Regional Commission	569	Atlanta	2010	SENOIA MULTI-USE TRAIL ON PYLANT & SEAVY ST	1497.66	0	1248.203		\$263,560.00	\$329,450.00		\$175.98		211.15		
Demand Management	No MPO identified/State sponsored	6777	Atlanta	2009	Statewide CMAQ TDM/Commute Options Employer Services & Advertising	669757	0	516356.8		\$7,040,000.00	\$8,344,663.00		\$10.51		13.63		
	Atlanta Regional Commission	6778	Atlanta	2010	STATEWIDE CMAQ-TDM EMPLOYEE SERVICES & ADVERTISING - 2010	669786	0	516339.6		\$7,280,000.00	\$8,800,000.00		\$10.87		14.10		
	Atlanta Regional Commission	6780	Atlanta	2010	TDM REGIONAL RIDESHARING - FY 2010 - 2012	338189	0	487221		\$5,850,000.00	\$5,850,000.00		\$17.30		12.01		
Transit	Atlanta Regional Commission	9179	Atlanta	2009	GRTA EXPRESS BUS DIESEL RETROFIT PROJECT	0	0	0	412.705	\$820,000.00	\$820,000.00					\$1,986.89	
	Atlanta Regional Commission	9189	Atlanta	2009	DEKALB HYBRID SCHOOL BUS PROJECT	0	0	303.7966	5.73201	\$540,000.00	\$960,000.00				1,777.50	\$94,207.76	
I/M and Other TCMs	Atlanta Regional Commission	9178	Atlanta	2009	CITY OF ATLANTA DIESEL RETROFIT PROJECT	0	0	0	16628.6	\$4,000,000.00	\$4,000,000.00					\$240.55	
	Atlanta Regional Commission	8659	Atlanta	2009	OAKWOOD DIESEL RETROFITS IN HALL COUNTY	0	63.0521	0	11.464	\$11,200.00	\$11,200.00			177.63		\$976.97	
	Atlanta Regional Commission	9180	Atlanta	2009	FAYETTE COUNTY DIESEL RETROFIT PROJECT	0	80.2482	0	5.73201	\$18,400.00	\$18,400.00			229.29		\$3,210.04	
	Atlanta Regional Commission	9199	Atlanta	2010	EPD IDLE CONTROL PROJECT - FY 2010	0	0	847598.9	23399.8	\$2,000,000.00	\$2,500,000.00				2.36	\$85.47	
	Atlanta Regional Commission	9203	Atlanta	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION PROJECT - FY 2010	0	0	199451.1	5698.65	\$11,900,000.00	\$17,000,000.00				59.66	\$2,088.21	
	Macon Area Transportation Study	9212	Macon	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION IN BIBB - FY 2010	0	0	59842.21	1709.57	\$1,800,000.00	\$2,571,429.00				30.08	\$1,052.89	
	Rome/Floyd County Planning	9216	Rome	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION IN ROME/FLOYD	0	0	19947.4	569.877	\$900,000.00	\$1,285,714.00				45.12	\$1,579.29	

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
1913	9.8	9.8	9.8	9.8	9.7	9.8	9.9	9.9
1914	10	9.9	9.9	9.8	9.9	9.9	10	10.2
1915	10.1	10	9.9	10	10.1	10.1	10.1	10.1
1916	10.4	10.4	10.5	10.6	10.7	10.8	10.8	10.9
1917	11.7	12	12	12.6	12.8	13	12.8	13
1918	14	14.1	14	14.2	14.5	14.7	15.1	15.4
1919	16.5	16.2	16.4	16.7	16.9	16.9	17.4	17.7
1920	19.3	19.5	19.7	20.3	20.6	20.9	20.8	20.3
1921	19	18.4	18.3	18.1	17.7	17.6	17.7	17.7
1922	16.9	16.9	16.7	16.7	16.7	16.7	16.8	16.6
1923	16.8	16.8	16.8	16.9	16.9	17	17.2	17.1
1924	17.3	17.2	17.1	17	17	17	17.1	17
1925	17.3	17.2	17.3	17.2	17.3	17.5	17.7	17.7
1926	17.9	17.9	17.8	17.9	17.8	17.7	17.5	17.4
1927	17.5	17.4	17.3	17.3	17.4	17.6	17.3	17.2
1928	17.3	17.1	17.1	17.1	17.2	17.1	17.1	17.1
1929	17.1	17.1	17	16.9	17	17.1	17.3	17.3
1930	17.1	17	16.9	17	16.9	16.8	16.6	16.5
1931	15.9	15.7	15.6	15.5	15.3	15.1	15.1	15.1
1932	14.3	14.1	14	13.9	13.7	13.6	13.6	13.5
1933	12.9	12.7	12.6	12.6	12.6	12.7	13.1	13.2
1934	13.2	13.3	13.3	13.3	13.3	13.4	13.4	13.4
1935	13.6	13.7	13.7	13.8	13.8	13.7	13.7	13.7
1936	13.8	13.8	13.7	13.7	13.7	13.8	13.9	14
1937	14.1	14.1	14.2	14.3	14.4	14.4	14.5	14.5
1938	14.2	14.1	14.1	14.2	14.1	14.1	14.1	14.1
1939	14	13.9	13.9	13.8	13.8	13.8	13.8	13.8
1940	13.9	14	14	14	14	14.1	14	14
1941	14.1	14.1	14.2	14.3	14.4	14.7	14.7	14.9
1942	15.7	15.8	16	16.1	16.3	16.3	16.4	16.5
1943	16.9	16.9	17.2	17.4	17.5	17.5	17.4	17.3
1944	17.4	17.4	17.4	17.5	17.5	17.6	17.7	17.7
1945	17.8	17.8	17.8	17.8	17.9	18.1	18.1	18.1
1946	18.2	18.1	18.3	18.4	18.5	18.7	19.8	20.2
1947	21.5	21.5	21.9	21.9	21.9	22	22.2	22.5
1948	23.7	23.5	23.4	23.8	23.9	24.1	24.4	24.5
1949	24	23.8	23.8	23.9	23.8	23.9	23.7	23.8
1950	23.5	23.5	23.6	23.6	23.7	23.8	24.1	24.3
1951	25.4	25.7	25.8	25.8	25.9	25.9	25.9	25.9
1952	26.5	26.3	26.3	26.4	26.4	26.5	26.7	26.7
1953	26.6	26.5	26.6	26.6	26.7	26.8	26.8	26.9

1954	26.9	26.9	26.9	26.8	26.9	26.9	26.9	26.9
1955	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8
1956	26.8	26.8	26.8	26.9	27	27.2	27.4	27.3
1957	27.6	27.7	27.8	27.9	28	28.1	28.3	28.3
1958	28.6	28.6	28.8	28.9	28.9	28.9	29	28.9
1959	29	28.9	28.9	29	29	29.1	29.2	29.2
1960	29.3	29.4	29.4	29.5	29.5	29.6	29.6	29.6
1961	29.8	29.8	29.8	29.8	29.8	29.8	30	29.9
1962	30	30.1	30.1	30.2	30.2	30.2	30.3	30.3
1963	30.4	30.4	30.5	30.5	30.5	30.6	30.7	30.7
1964	30.9	30.9	30.9	30.9	30.9	31	31.1	31
1965	31.2	31.2	31.3	31.4	31.4	31.6	31.6	31.6
1966	31.8	32	32.1	32.3	32.3	32.4	32.5	32.7
1967	32.9	32.9	33	33.1	33.2	33.3	33.4	33.5
1968	34.1	34.2	34.3	34.4	34.5	34.7	34.9	35
1969	35.6	35.8	36.1	36.3	36.4	36.6	36.8	37
1970	37.8	38	38.2	38.5	38.6	38.8	39	39
1971	39.8	39.9	40	40.1	40.3	40.6	40.7	40.8
1972	41.1	41.3	41.4	41.5	41.6	41.7	41.9	42
1973	42.6	42.9	43.3	43.6	43.9	44.2	44.3	45.1
1974	46.6	47.2	47.8	48	48.6	49	49.4	50
1975	52.1	52.5	52.7	52.9	53.2	53.6	54.2	54.3
1976	55.6	55.8	55.9	56.1	56.5	56.8	57.1	57.4
1977	58.5	59.1	59.5	60	60.3	60.7	61	61.2
1978	62.5	62.9	63.4	63.9	64.5	65.2	65.7	66
1979	68.3	69.1	69.8	70.6	71.5	72.3	73.1	73.8
1980	77.8	78.9	80.1	81	81.8	82.7	82.7	83.3
1981	87	87.9	88.5	89.1	89.8	90.6	91.6	92.3
1982	94.3	94.6	94.5	94.9	95.8	97	97.5	97.7
1983	97.8	97.9	97.9	98.6	99.2	99.5	99.9	100.2
1984	101.9	102.4	102.6	103.1	103.4	103.7	104.1	104.5
1985	105.5	106	106.4	106.9	107.3	107.6	107.8	108
1986	109.6	109.3	108.8	108.6	108.9	109.5	109.5	109.7
1987	111.2	111.6	112.1	112.7	113.1	113.5	113.8	114.4
1988	115.7	116	116.5	117.1	117.5	118	118.5	119
1989	121.1	121.6	122.3	123.1	123.8	124.1	124.4	124.6
1990	127.4	128	128.7	128.9	129.2	129.9	130.4	131.6
1991	134.6	134.8	135	135.2	135.6	136	136.2	136.6
1992	138.1	138.6	139.3	139.5	139.7	140.2	140.5	140.9
1993	142.6	143.1	143.6	144	144.2	144.4	144.4	144.8
1994	146.2	146.7	147.2	147.4	147.5	148	148.4	149
1995	150.3	150.9	151.4	151.9	152.2	152.5	152.5	152.9



1996	154.4	154.9	155.7	156.3	156.6	156.7	157	157.3
1997	159.1	159.6	160	160.2	160.1	160.3	160.5	160.8
1998	161.6	161.9	162.2	162.5	162.8	163	163.2	163.4
1999	164.3	164.5	165	166.2	166.2	166.2	166.7	167.1
2000	168.8	169.8	171.2	171.3	171.5	172.4	172.8	172.8
2001	175.1	175.8	176.2	176.9	177.7	178	177.5	177.5
2002	177.1	177.8	178.8	179.8	179.8	179.9	180.1	180.7
2003	181.7	183.1	184.2	183.8	183.5	183.7	183.9	184.6
2004	185.2	186.2	187.4	188	189.1	189.7	189.4	189.5
2005	190.7	191.8	193.3	194.6	194.4	194.5	195.4	196.4
2006	198.3	198.7	199.8	201.5	202.5	202.9	203.5	203.9
2007	202.416	203.499	205.352	206.686	207.949	208.352	208.299	207.917
2008	211.08	211.693	213.528	214.823	216.632	218.815	219.964	219.086
2009	211.143	212.193	212.709	213.24	213.856	215.693	215.351	215.834
2010	216.687	216.741	217.631	218.009	218.178	217.965	218.011	218.312
2011	220.223	221.309	223.467	224.906	225.964	225.722	225.922	226.545
2012	226.665	227.663	229.392	230.085	229.815	229.478	229.104	230.379
2013	230.28	232.166	232.773					

CPI = Consumer Price Index

Sep.	Oct.	Nov.	Dec.	Avg.	Dec	Avg
10	10	10.1	10	9.9		
10.2	10.1	10.2	10.1	10	1	1
10.1	10.2	10.3	10.3	10.1	2	1
11.1	11.3	11.5	11.6	10.9	12.6	7.9
13.3	13.5	13.5	13.7	12.8	18.1	17.4
15.7	16	16.3	16.5	15.1	20.4	18
17.8	18.1	18.5	18.9	17.3	14.5	14.6
20	19.9	19.8	19.4	20	2.6	15.6
17.5	17.5	17.4	17.3	17.9	-10.8	-10.5
16.6	16.7	16.8	16.9	16.8	-2.3	-6.1
17.2	17.3	17.3	17.3	17.1	2.4	1.8
17.1	17.2	17.2	17.3	17.1	0	0
17.7	17.7	18	17.9	17.5	3.5	2.3
17.5	17.6	17.7	17.7	17.7	-1.1	1.1
17.3	17.4	17.3	17.3	17.4	-2.3	-1.7
17.3	17.2	17.2	17.1	17.1	-1.2	-1.7
17.3	17.3	17.3	17.2	17.1	0.6	0
16.6	16.5	16.4	16.1	16.7	-6.4	-2.3
15	14.9	14.7	14.6	15.2	-9.3	-9
13.4	13.3	13.2	13.1	13.7	-10.3	-9.9
13.2	13.2	13.2	13.2	13	0.8	-5.1
13.6	13.5	13.5	13.4	13.4	1.5	3.1
13.7	13.7	13.8	13.8	13.7	3	2.2
14	14	14	14	13.9	1.4	1.5
14.6	14.6	14.5	14.4	14.4	2.9	3.6
14.1	14	14	14	14.1	-2.8	-2.1
14.1	14	14	14	13.9	0	-1.4
14	14	14	14.1	14	0.7	0.7
15.1	15.3	15.4	15.5	14.7	9.9	5
16.5	16.7	16.8	16.9	16.3	9	10.9
17.4	17.4	17.4	17.4	17.3	3	6.1
17.7	17.7	17.7	17.8	17.6	2.3	1.7
18.1	18.1	18.1	18.2	18	2.2	2.3
20.4	20.8	21.3	21.5	19.5	18.1	8.3
23	23	23.1	23.4	22.3	8.8	14.4
24.5	24.4	24.2	24.1	24.1	3	8.1
23.9	23.7	23.8	23.6	23.8	-2.1	-1.2
24.4	24.6	24.7	25	24.1	5.9	1.3
26.1	26.2	26.4	26.5	26	6	7.9
26.7	26.7	26.7	26.7	26.5	0.8	1.9
26.9	27	26.9	26.9	26.7	0.7	0.8

26.8	26.8	26.8	26.7	26.9	-0.7	0.7
26.9	26.9	26.9	26.8	26.8	0.4	-0.4
27.4	27.5	27.5	27.6	27.2	3	1.5
28.3	28.3	28.4	28.4	28.1	2.9	3.3
28.9	28.9	29	28.9	28.9	1.8	2.8
29.3	29.4	29.4	29.4	29.1	1.7	0.7
29.6	29.8	29.8	29.8	29.6	1.4	1.7
30	30	30	30	29.9	0.7	1
30.4	30.4	30.4	30.4	30.2	1.3	1
30.7	30.8	30.8	30.9	30.6	1.6	1.3
31.1	31.1	31.2	31.2	31	1	1.3
31.6	31.7	31.7	31.8	31.5	1.9	1.6
32.7	32.9	32.9	32.9	32.4	3.5	2.9
33.6	33.7	33.8	33.9	33.4	3	3.1
35.1	35.3	35.4	35.5	34.8	4.7	4.2
37.1	37.3	37.5	37.7	36.7	6.2	5.5
39.2	39.4	39.6	39.8	38.8	5.6	5.7
40.8	40.9	40.9	41.1	40.5	3.3	4.4
42.1	42.3	42.4	42.5	41.8	3.4	3.2
45.2	45.6	45.9	46.2	44.4	8.7	6.2
50.6	51.1	51.5	51.9	49.3	12.3	11
54.6	54.9	55.3	55.5	53.8	6.9	9.1
57.6	57.9	58	58.2	56.9	4.9	5.8
61.4	61.6	61.9	62.1	60.6	6.7	6.5
66.5	67.1	67.4	67.7	65.2	9	7.6
74.6	75.2	75.9	76.7	72.6	13.3	11.3
84	84.8	85.5	86.3	82.4	12.5	13.5
93.2	93.4	93.7	94	90.9	8.9	10.3
97.9	98.2	98	97.6	96.5	3.8	6.2
100.7	101	101.2	101.3	99.6	3.8	3.2
105	105.3	105.3	105.3	103.9	3.9	4.3
108.3	108.7	109	109.3	107.6	3.8	3.6
110.2	110.3	110.4	110.5	109.6	1.1	1.9
115	115.3	115.4	115.4	113.6	4.4	3.6
119.8	120.2	120.3	120.5	118.3	4.4	4.1
125	125.6	125.9	126.1	124	4.6	4.8
132.7	133.5	133.8	133.8	130.7	6.1	5.4
137.2	137.4	137.8	137.9	136.2	3.1	4.2
141.3	141.8	142	141.9	140.3	2.9	3
145.1	145.7	145.8	145.8	144.5	2.7	3
149.4	149.5	149.7	149.7	148.2	2.7	2.6
153.2	153.7	153.6	153.5	152.4	2.5	2.8

157.8	158.3	158.6	158.6	156.9	3.3	3
161.2	161.6	161.5	161.3	160.5	1.7	2.3
163.6	164	164	163.9	163	1.6	1.6
167.9	168.2	168.3	168.3	166.6	2.7	2.2
173.7	174	174.1	174	172.2	3.4	3.4
178.3	177.7	177.4	176.7	177.1	1.6	2.8
181	181.3	181.3	180.9	179.9	2.4	1.6
185.2	185	184.5	184.3	184	1.9	2.3
189.9	190.9	191	190.3	188.9	3.3	2.7
198.8	199.2	197.6	196.8	195.3	3.4	3.4
202.9	201.8	201.5	201.8	201.6	2.5	3.2
208.49	208.936	210.177	210.036	207.342	4.1	2.8
218.783	216.573	212.425	210.228	215.303	0.1	3.8
215.969	216.177	216.33	215.949	214.537	2.7	-0.4
218.439	218.711	218.803	219.179	218.056	1.5	1.6
226.889	226.421	226.23	225.672	224.939	3	3.2
231.407	231.317	230.221	229.601	229.594	1.7	2.1

2008, SAFETEA-LU Methodology for  
Analyzing Emissions Reduction Cost-  
Effectiveness of the Selected Projects

[https://www.fhwa.dot.gov/environment/air\\_quality/](https://www.fhwa.dot.gov/environment/air_quality/)

Capital Recovery Formula, used to  
determine annualized cost per year over  
life of project, assumes 7% interest

<http://www.ajdesigner.com/phpdiscountfactors/ca>

[y/cmaq/research/safetea-lu\\_phase\\_1/section\\_four.cfm](#)

[pital\\_recovery\\_equation.php](#)

A	B	C	D	E	F				G	H	I	J				K	L
Project Reporting Category	GDOT PI#	NonAttainment Maintenance Area	Project Year	Project Title	VOC Benefit (lb/year)	CO Benefit (lb/year)	NOx Benefit (lb/year)	PM 2.5 Benefit (lb/year)	CMAQ Obligation--\$\$	Total Project amt--\$\$	CMAQ Obligation in 2010 dollars	VOC	CO	NOx	PM 2.5	Project life expectancy	Annualized cost
Traffic Flow Improvements	6928	Atlanta	2009	Intersection Improvement SR92 @ CR466/CR 2839/DUE WEST ROAD IN COBB & PAULDING	366.849		154.7643		\$753,941.00	\$942,427.00	\$766,307.72	\$2,089		\$4,951		10	\$109,104.98
	6867	Atlanta	2009	Intersection Improvement - CR 895/TOWER ROAD FROM SR 5/CHURCH STREET TO RR	573.201		257.9405		\$5,246,136.00	\$6,557,670.00	\$5,332,187.14	\$9,302		\$20,672		10	\$759,183.49
	6809	Atlanta	2009	ITS - S INDIAN CRK @3 LOC & REDAN RD@ 2 LOC-TRAFFIC SIGNAL UPGRADE	0		17677.53		\$411,674.00	\$411,674.00	\$418,426.59			\$24		10	\$59,574.53
	6892	Atlanta	2009	Intersection Improvement - Memorial Drive @ East Ponce de Leon Ave / Main Street	0		206.3524		\$640,000.00	\$800,000.00	\$650,497.77			\$3,152		10	\$92,616.25
	9188	Atlanta	2009	GRTA TOWING & RECOVERY PROJECT	0		0	5198.93	\$304,000.00	\$380,000.00	\$308,986.44				\$59	10	\$43,992.72
	6818	Atlanta	2010	WINDWARD PKWY TRAFFIC SIGNAL INTERCONNECTIONS	30471.9		10763.57		\$593,819.00	\$742,274.00	\$593,819.00	\$19		\$55		10	\$84,546.47
	6819	Atlanta	2010	NORTH POINT PKWY TRAFFIC SIGNAL INTERCONNECTIONS	44356		15600.24		\$809,051.00	\$1,011,314.00	\$809,051.00	\$18		\$52		10	\$115,190.66
	6893	Atlanta	2010	IDLEWOOD ROAD/MAIN STREET SIGNAL IMPROVEMENTS	1455.93		623.9868		\$129,042.00	\$161,303.00	\$129,042.00	\$89		\$207		10	\$18,372.68
Pedestrian/Bicycle (208 Days)	6876	Atlanta	2009	Bike/Ped. - SPRING RD & CUMBERLAND BLVD FM CAMPBELL RD TO CUMBERLAND PKWY	0	26000.4	2602.333		\$720,000.00	\$1,609,912.00	\$731,809.99		\$28	\$281		15	\$80,348.80
	4504	Atlanta	2009	Pedestrian Facility - Veterans Memorial Highway/US 78	0	3588.24	309.5286		\$468,800.00	\$586,000.00	\$476,489.62		\$133	\$1,539		15	\$52,316.00
	753300-	Atlanta	2009	Pedestrian Facility - Hammond Drive Sidewalks	0	5198.93	521.6131		\$1,044,000.00	\$1,305,000.00	\$1,061,124.49		\$204	\$2,034		15	\$116,505.76
	4208	Atlanta	2010	DALLAS CONNECTING SIDEWALKS	1871.5	0	1559.68		\$1,256,190.00	\$1,570,237.00	\$1,256,190.00	\$671		\$805		15	\$137,922.91
	569	Atlanta	2010	SENOIA MULTI-USE TRAIL ON PYLANT & SEAVY ST	1872.08	0	1560.254		\$263,560.00	\$329,450.00	\$263,560.00	\$141		\$169		15	\$28,937.47
Demand Management	6777	Atlanta	2009	Statewide CMAQ TDM/Commute Options Employer Services & Advertising	669757	0	516356.8		\$7,040,000.00	\$8,344,663.00	\$7,155,475.47	\$11		\$14		3	\$2,726,605.84
	6778	Atlanta	2010	STATEWIDE CMAQ-TDM EMPLOYEE SERVICES & ADVERTISING - 2010	669786	0	516339.6		\$7,280,000.00	\$8,800,000.00	\$7,280,000.00	\$11		\$14		3	\$2,774,056.13
	6780	Atlanta	2010	TDM REGIONAL RIDESHARING - FY 2010 - 2012	338189	0	487221		\$5,850,000.00	\$5,850,000.00	\$5,850,000.00	\$17		\$12		3	\$2,229,152.24
Transit	9179	Atlanta	2009	GRTA EXPRESS BUS DIESEL RETROFIT PROJECT	0	0	0	412.705	\$820,000.00	\$820,000.00	\$833,450.27				\$2,019	12	\$104,933.05
	9189	Atlanta	2009	DEKALB HYBRID SCHOOL BUS PROJECT	0	0	303.7966	5.73201	\$540,000.00	\$960,000.00	\$548,857.49			\$1,807	\$95,753	12	\$69,102.25
I/M and Other	9178	Atlanta	2009	CITY OF ATLANTA DIESEL RETROFIT PROJECT	0	0	0	16628.6	\$4,000,000.00	\$4,000,000.00	\$4,065,611.06				\$244	30	\$327,632.97
	8659	Atlanta	2009	OAKWOOD DIESEL RETROFITS IN HALL COUNTY	0	63.0521	0	11.464	\$11,200.00	\$11,200.00	\$11,383.71		\$181		\$993	30	\$917.37
	9180	Atlanta	2009	FAYETTE COUNTY DIESEL RETROFIT PROJECT	0	80.2482	0	5.73201	\$18,400.00	\$18,400.00	\$18,701.81		\$233		\$3,263	30	\$1,507.11
	9203	Atlanta	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION PROJECT - FY 2010	0	0	199451.1	5698.65	\$11,900,000.00	\$17,000,000.00	\$11,900,000.00			\$60	\$2,088	30	\$958,978.20
	9212	Macon	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION IN BIBB - FY 2010	0	0	59842.21	1709.57	\$1,800,000.00	\$2,571,429.00	\$1,800,000.00			\$30	\$1,053	30	\$145,055.53
	9216	Rome	2010	EPD RAILROAD RELATED EMISSIONS REDUCTION IN ROME/FLOYD	0	0	19947.4	569.877	\$900,000.00	\$1,285,714.00	\$1,285,714.00			\$64	\$2,256	30	\$103,611.07

**CMAQ Projects**  
**Authorized between FY 2011 and FY 2013**

PI#	MPO ID	FY	Project Description	VOC Benefit (tons/day)	VOC Benefit (lb/yr)	CO Benefit (tons/day)	CO Benefit (lb/yr)	NOx Benefit (tons/day)	NOx Benefit (lb/yr)	PM2.5 Benefit (tons/day)	PM 2.5 Benefit (lb/yr)
0001038	BA-002	2011	SR 124 @ SR 211	0.0006	312			0.0002	104		
0004501	CL-AR-BP093	2011	TRANSIT ORIENTED PED IMPROVEMENTS FM US 19/41 TO LAKE CITY								
0004502	CL-AR-BP241	2011	FOREST PARK SIDEWALKS TO SCHOOLS - PHASE III								
0006727	FN-199	2011	SR 9/ROSWELL ROAD FM ABERNATHY ROAD TO FORSYTH COUNTY LINE								
0006731	FS-199	2011	SR 279 ATMS FM SR 138 TO CR 567/SULLIVAN RD								
0006803	CO-AR-BP217	2011	CR 1784/SOUTH HURT RD FM CONCORD RD TO S OF EAST-WEST CONN	0.001	520	0.010	5200	0.001	520		
0006838	GW-AR-BP106	2011	DULUTH RES LOOP @IRVINDALE HOWELL MEAD HOWELL SPRING&POSTAL	0.004	2080	0.026	13520	0.003	1560		
0006853	M-AR-283B3	2011	MEMORIAL DR BUS RAPID TRANSIT OPERATIONAL ASSISTANCE - 2011								
0008550	AR-720-2011	2011	ATLANTA CMAQ-TDM EMPLOYER SERVICES & INCENTIVES - 2011								
0008553		2011	STATEWIDE TDM/COMMUTE OPTIONS - NON ATTAINMENT AREA FY 11-13								
0008553		2011	STATEWIDE TDM/COMMUTE OPTIONS - NON ATTAINMENT AREA FY 11-13								
0008556		2011	STATEWIDE CMAQ - MEASUREMENT & NEEDS ASSESSMENT - 2011								
0009196		2011	EPD GEORGIA DIESEL RETROFIT PROJECT - FY 2011								
0009200		2011	EPD IDLE CONTROL PROJECT - FY 2011								
0009204	AR-942-2011	2011	EPD RAILROAD RELATED EMISSIONS REDUCTION PROJECT - FY 2011								
0009207	AR-944-2011	2011	GRTA TOWING & RECOVERY PROJECT - FY 2011								
0009213	MCN-116	2011	EPD RAILROAD RELATED EMISSIONS REDUCTION IN BIBB - FY 2011								
0010196	CO-335B	2011	ADAPTIVE TRAFFIC CONTROL SYSTEM								
771132-	CO-AR-BP177	2011	MARIETTA MULTI USE TRAIL - PHASE 2	0.001	520	0.010	5200	0.001	520		
0004495	CH-AR-BP011	2012	CS 678/MARIETTA RD FM MARIETTA HWY TO EAST MARIETTA STREET								
0004510	CO-AR-BP213	2012	CR 2373/FLOYD RD FM CLAY RD TO HICKS RD - WEST SIDEWALK								
0006822	AT-AR-BP304	2012	CR 4176/CASCADE,CS 1057/BEN E MAYS&CS 1062/FONTAINE-SIDEWALK	0.001	520	0.002	1040	0	0		
0008523	CO-AR-BP219B	2012	CR 2894/HICKS ROAD FROM FRONTIER TRAIL TO FLOYD OAKS DRIVE								
0008524	CO-AR-BP219C	2012	CR 964/COUNTY SERVICES RD FM POWDER SPRINGS RD TO AUSTELL RD								
0008557		2012	STATEWIDE CMAQ - MEASUREMENT & NEEDS ASSESSMENT - 2012								
0009205	AR-942-2012	2012	EPD RAILROAD RELATED EMISSIONS REDUCTION PROJECT - FY 2012								
0009208	AR-072-2012	2012	TOWING & RECOVERY INCENTIVE PROGRAM (TRIP) - FY 2012								
0011667	M-AR-307	2012	MARTA BUS PROCUREMENT - FY 2012 & FY 2013								
0006820	FN-203	2013	SR 140 FROM SR 9 TO CR 107/BARNWELL ROAD								
0006821	FN-204	2013	SR 92 FM SR 9 TO COBB COUNTY LINE	0.233	121160			0.079	41080		
0008741	AR-011-2013	2013	RIDESHARING & REGIONAL TDM PROGRAMS - FY 2013-2015								
0009211	CO-394	2013	SR 280/SOUTH COBB DRIVE @ SR 5/AUSTELL ROAD								
0009215	MCN-116	2013	EPD RAILROAD RELATED EMISSIONS REDUCTION IN BIBB - FY 2013								
0012669		2013	SR 20 @ 1 LOC; SR 92 @ 7 LOC & SR 140 @ 1 LOC IN CHEROKEE CO								
0012670		2013	SR 3 @ 7 LOCS; SR 54 @ 1 LOC & SR 314 @ 3 LOCS IN CLAYTON CO								
0012671		2013	SR 6 @ 4 LOC; SR 14 @ 2 LOC & SR 14ALT @ 3 LOC IN FULTON CO								
0012677		2013	I-85 @ 1 LOC; SR 14 @ 12 LOC & SR 166 @ 4 LOC IN EAST POINT								
762527-	AT-AR-BP306	2013	CR 1393/DANFORTH RD FM NEW HOPE RD TO W OF REUNION PLACE								

1 US ton = 2,000 lbs