

**Small Urban Projects
(2011 over programmed)**

9-30-09

Required Fields

Fiscal Year	County	Juris-diction	Project Name	Limits	Length	Project Description	Phase	Federal Cost (\$1000s)	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	Comments
2010	Clinton	St. Johns	Walker Street	Clinton to Whittemore (US 127 BR)	0.36	Reconstruct	CON	\$ 187.5	\$ 46.9	St. Johns, Jobs Today	\$ 234.4	Currently in TIP
2010	Clinton	Clinton Transit	Transit facility, Phase I	St. Johns headquarters		Construct new administration and maintenance building	T-Cap	\$ 187.5	\$ 46.9	Clinton Transit	\$ 234.4	Currently in TIP
2010	Ingham	Webberville	Main Street	Grand River to Pardee	0.41	Reconstruct with curb and gutter, non-motorized lanes and parallel parking spaces	CON	\$ 375.0	\$ 345.0	Webberville	\$ 720.0	Currently in TIP
2011	Eaton	Potterville	Main Street	Dunbar to Lansing Road (Old US 27)	0.68	Reconstruct with curb and gutter and sidewalk	CON	\$ 375.0	\$ 545.0	Potterville	\$ 920.0	Nelson to Dunbar section proposed as non participating work concurrent with this proposal
2011	Eaton	Charlotte	Sheldon Street	Lawrence to Amity	0.54	Reconstruct and add sidewalk	CON	\$ 375.0	\$ 93.8	Charlotte	\$ 468.8	
2011	Eaton	EATRAN	Transit facility renovation, Phase III	Charlotte headquarters		Renovate bus storage building; replace 7 overhead doors; expand parking; add security fencing, furniture and office equipment	T-Cap	\$ 340.0	\$ 85.0	EATRAN	\$ 425.0	
2011	Clinton	Clinton Transit	Transit facility, Phase II	St. Johns headquarters		Continue new facility construction, purchase operational support equipment, communication equipment, AVL system, maintenance repair equipment	T-Cap	\$ 187.5	\$ 46.9	Clinton Transit	\$ 234.4	
2011	Clinton	St. Johns	Oakland Street	Railroad to Sturgis	0.57	Reconstruct	CON	\$ 187.5	\$ 46.9	St. Johns	\$ 234.4	
2012	Clinton	St. Johns	Gibbs/Spring Streets	Lansing to Whittemore (US 127 BR)/Railroad to State	0.75	Reconstruct	CON	\$ 187.5	\$ 46.9	St. Johns	\$ 234.4	
2012	Ingham	ICRC	Zimmer Rd	Bridge over Red Cedar River to Sherwood	0.61	Construction	CON	\$ 375.0	\$ 83.2	ICRC	\$ 458.2	
2012	Clinton	Clinton Transit	Transit facility, Phase III	St. Johns headquarters		Continue new facility construction, purchase operational support equipment, communication equipment, AVL system, maintenance repair equipment	T-Cap	\$ 187.5	\$ 46.9	Clinton Transit	\$ 234.4	
2013	Eaton	Eaton Rapids	State Street	From .09 mile west of Miller .36 mile east to city limit	0.36	Reconstruct and add center left turn lane from Miller east .27 mile	CON	\$ 375.0	\$ 93.5	Eaton Rapids	\$ 468.5	Total project cost: \$942,750 including local funds.
2013	Clinton	Clinton Transit	Transit facility, Phase IV	St. Johns headquarters		Continue new facility construction; operational support equipment including building generator, communication equipment and transit maintenance equipment including new hoist	T-Cap	\$ 187.5	\$ 46.9	Clinton Transit	\$ 234.4	
2013	Clinton	St. Johns	Railroad Street	Lansing Street to Kibbee	0.73	Reconstruct	CON	\$ 187.5	\$ 46.9	St. Johns	\$ 234.4	
											\$ -	
						TOTAL COST OF 2010 PROJECTS		\$ 750,000.0	\$ 438,800.0		\$ 1,188,800.0	
						AVAILABLE FUNDING AMT 2010		\$ 750,000.0				
						DIFFERENCE 2010		\$ -	\$ (438,800.0)		\$ (1,188,800.0)	
						TOTAL COST OF 2011 PROJECTS		\$ 1,465,000.0	\$ 817,600.0		\$ 2,282,600.0	
						AVAILABLE FUNDING AMT 2011		\$ 750,000.0				
						DIFFERENCE 2011		\$ (715,000.0)	\$ (817,600.0)		\$ (2,282,600.0)	
						TOTAL COST OF 2012 PROJECTS		\$ 750,000.0	\$ 177,000.0		\$ 927,000.0	
						AVAILABLE FUNDING AMT 2012		\$ 750,000.0				
						DIFFERENCE 2012		\$ -	\$ (177,000.0)		\$ (927,000.0)	
						TOTAL COST OF 2013 PROJECTS		\$ 750,000.0	\$ 187,300.0		\$ 937,300.0	
						AVAILABLE FUNDING AMT 2013		\$ 750,000.0				
						DIFFERENCE 2013		\$ -	\$ (187,300.0)		\$ (937,300.0)	
						TOTAL COST OF 2014 PROJECTS		\$ -	\$ -		\$ -	
						AVAILABLE FUNDING AMT 2014		\$ 750,000.0				
						DIFFERENCE 2014		\$ 750,000.0	\$ -		\$ -	

Enhancement Projects

9-30-09

Year	County	Jurisdiction	Project Name	Limits	Length	Project Description	Phase	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	Comments	
2010	Ingham	Mason	Mason Non-Motorized Parkway	Maple Grove Cemetery to existing Hayhoe Riverwalk near Jefferson	2.90	Construct eastern loop to the existing Hayhoe Riverwalk, connecting 4 city parks, 2 schools and the northern and southern portion of existing Hayhoe River Trail	CON	\$ 720.0				\$ 180.0	Mason	\$ 900.0		
2010	Ingham	Meridian	Interurban Off-Road Trail Phase II	Along north side of Canadian National rail track from Okemos to Marsh	1.10	Construct paved off road trail	CON	\$ 280.0				\$ 70.0	Meridian	\$ 350.0		
2010	Ingham	Lansing	Grand Ave	St Joseph to Shiawassee	0.75	Streetscape improvements	CON	\$ 720.0				\$ 180.0	Lansing	\$ 900.0		
2011	Clinton	St Johns	Morton St	Sickles to Park	0.28	Construct 10 foot sidewalk in vicinity of Gate Wood Elementary and St Johns Middle and High Schools, fairgrounds and city park to improve safety	CON	\$ 65.6				\$ 16.4	St. Johns	\$ 82.0		
2011	Ingham/Eaton	CATA	CATA	CATA service area		Construct bike loops at over 200 bus stops	CON	\$ 80.0				\$ 20.0	CATA	\$ 100.0		
2011	Eaton	Dimondale	Creys Road Sidewalks	700 feet north of intersection with East Street continuing north 800 feet	0.15	Sidewalk to link discontinuous pieces of existing sidewalks and linking to downtown Dimondale	CON	\$ 28.0				\$ 7.0	Dimondale	\$ 35.0		
2011	Ingham	Meridian	Okemos Rd non-motorized bridge	Over the Red Cedar River on west side of Okemos Rd		Construct non-motorized bridge	CON	\$ 360.0				\$ 90.0	Meridian	\$ 450.0		
2011	Ingham	Lansing	Washington Avenue	Allegan to Kalamazoo	0.20	Install decorative pavement, sidewalk, trees, and site amenities	CON	\$ 732.0				\$ 183.0	Lansing	\$ 915.0		
2011	Ingham	Meridian	Smith Drain off-road trail	Along Smith Drain from Jolly to Sower	1.50	Construct paved off-road trail	CON	\$ 360.0				\$ 90.0	Meridian	\$ 450.0		
2012	Ingham	Lansing	Waverly Road Bike Path	Jolly to Moores River	1.75	Construct non-motorized pathway	CON	\$ 476.0				\$ 119.0	Lansing	\$ 595.0		
2012	Ingham	Lansing	Consumers Energy ROW Bike Path	Consumers Energy right of way between Jolly and Miller	5.5	Construct non-motorized pathway between Jolly and Miller	CON	\$ 1,496.0				\$ 374.0	Lansing	\$ 1,870.0		
2013	Eaton	Potterville	M-100 underpass connector trail	Existing path from M-100 underpass Main Street	0.1	Construct non-motorized trail with lighting and furniture to connect existing underpass to Main Street	CON	\$ 47.2				\$ 11.8	Potterville	\$ 59.0		
2013	Eaton	Potterville	Hartel to Lansing Rd	Main to Lansing Rd	0.4	Complete sidewalk and streetscape to Main Street	CON	\$ 312.0				\$ 78.0	Potterville	\$ 390.0		
2013	Ingham	East Lansing	Red Cedar Greenway Phase I	Harrison to Farm Lane	1	Construct paved non-motorized trail	CON	\$ 1,600.0				\$ 400.0	East Lansing/MSU	\$ 2,000.0		
2014	Eaton	Potterville	Thornapple River Bike Trail	Within Alliance Park	1	Extend bike trail along the Thornapple River	CON	\$ 336.0				\$ 80.0	Potterville	\$ 416.0	Inflation factor applied	
2014	Eaton	Potterville	Vermontville	Within City Limits; construct connector to Sunset Park	1.6	Crackseal and restripe existing bike lanes on Vermontville and construct connector to Sunset Park	CON	\$ 562.8				\$ 134.0	Potterville	\$ 696.8	Inflation factor applied	
2014	Eaton	Potterville	Main Street	Nelson to M-100	0.2	Streetscape improvements	CON	\$ 294.0				\$ 70.0	Potterville	\$ 364.0	Inflation factor applied	
Illustrative	Ingham	East Lansing	Red Cedar Greenway Phase II	Farm Lane to Hagadorn	0.76	Construct paved non-motorized trail	CON	\$ 2,240.0				\$ 560.0	East Lansing/MSU	\$ 2,800.0		
Illustrative	Eaton	Potterville	Lansing Rd (Old US-127)	Within City Limits	1.1	Construct decorative street lighting	CON	\$ 384.0				\$ 96.0	Potterville	\$ 480.0		
Illustrative	Ingham	East Lansing	Red Cedar Greenway Phase III	Grand River Ave to Red Cedar River	0.76	Construct paved non-motorized trail	CON	\$ 2,360.0				\$ 590.0	East Lansing/MSU	\$ 2,950.0		
TOTAL COST OF PROJECTS								\$ 8,469,600.0				\$ 2,103,200.0		\$ 10,572,800.0		
2010-2014 AVAILABLE FUNDING #								\$ 8,306,004.0								
DIFFERENCE								\$ (163,596.0)				\$ (2,103,200.0)		\$ (10,572,800.0)		

2010 Total: \$ 1,720,000.0
2011 Total: \$ 1,625,600.0
2012 Total: \$ 1,972,000.0
2013 Total: \$ 1,959,200.0
2014 Total: \$ 1,192,800.0
2010-2014 Total: \$ 8,469,600.0

Revenue for 2010 is assumed to be \$1,566,260. For 2011-2014 the figure is \$6,739,744 or \$1,684,936 per year.

**Safety Projects
(Can Add Additional Projects)**

9-30-09

Required Fields

Fiscal Year	County	Jurisdiction	Project Name	Limits	Length	Project Description	Phase	Federal Cost (\$1000s)	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	Comments
2010	Clinton	St. Johns	N. Lansing Street	Lewis to 200 feet north of Daisy Lane	0.35	Safety improvements on vicinity of Gateway North Elementary, including addition of sidewalks, crossings, and curb and gutter, plus concrete joint repair	CON	\$ 55.2	\$ 13.8	St. Johns	\$ 69.0	
2010	Clinton	St. Johns	Morton Street	Sickles to Park	0.28	Construct 10 foot sidewalk in vicinity of Gatewood Elementary, middle school and high school, fairgrounds and city park to improve safety	CON	\$ 65.6	\$ 16.4	St. Johns	\$ 82.0	
2011	Clinton	CCRC	Clark Road	Intersection with Wood		Lengthen transition on Wood to accommodate a signal; add signal	CON	\$ 200.0	\$ 50.0	CCRC	\$ 250.0	
											\$ -	
											\$ -	
						TOTAL COST OF 2010 PROJECTS		\$ 120,800.00	\$ 30,200.0		\$ 151,000.0	
						AVAILABLE FUNDING AMT 2010		\$ 258,440.00				
						DIFFERENCE 2010		\$ 137,640.00	\$ (30,200.0)		\$ (151,000.0)	
						TOTAL COST OF 2011 PROJECTS		\$ 200,000.00	\$ 50,000.0		\$ 250,000.0	
						AVAILABLE FUNDING AMT 2011		\$ 284,982.00				
						DIFFERENCE 2011		\$ 84,982.00	\$ (50,000.0)		\$ (250,000.0)	
						TOTAL COST OF 2012 PROJECTS		\$ -	\$ -		\$ -	
						AVAILABLE FUNDING AMT 2012		\$ 284,982.00				
						DIFFERENCE 2012		\$ 284,982.00	\$ -		\$ -	
						TOTAL COST OF 2013 PROJECTS		\$ -	\$ -		\$ -	
						AVAILABLE FUNDING AMT 2013		\$ 284,982.00				
						DIFFERENCE 2013		\$ 284,982.00	\$ -		\$ -	
						TOTAL COST OF 2014 PROJECTS		\$ -	\$ -		\$ -	
						AVAILABLE FUNDING AMT 2014		\$ 284,982.00				
						DIFFERENCE 2014		\$ 284,982.00	\$ -		\$ -	

ILLUSTRATIVE LIST OF UNFUNDED PROJECTS 2010 CONGESTION MITIGATION AIR QUALITY PROJECT APPLICATIONS SUMMARY (LOCAL)

9-30-09

REQUESTED YEAR	FUNDED YEAR	CARTS RANKING	STAFF PRIORITY RANKING	LOCAL JURISDICTION	LOCATION	PROJECT DESCRIPTION (SUMMARY)	FED CMAQ COST (000's)	MATCH (000's)	TOTAL COST	NOX REDUCTION (KG/Day)	NOX COST (Per KG)	VOC REDUCTION (KG/Day)	FORMUL A #1 TOTAL	VOC COST (Per KG)	FORMUL A #2 TOTAL	PROGRAM CATEGORY	MDOT SECONDARY FACTORS	FORMUL A #3 TOTAL	TCRPC LOCAL FACTORS	FORMUL A #4 TOTAL	TOTAL								
2010	2010	4	4	St. Johns	Townsend*	Construct LT at 6 intersections, head up County Farm with Swegles and bike paths	615.0	153.8	768.8	1.63	4	34.65	3	1.68	4	2	33.62	4	1.75	Non-Motorized/ Mangement and Operations	2	1	0.20	6	1	0.30	4.25		
2010	2010	5	5	Eaton County	St. Joe Highway at Broadbent	Add dedicated left and right turn lanes	320.0	80.0	400.0	0.293	5	210.80	5	0.353	5	2.5	174.97	5	2.5	Mangement and Operations	2	1	0.20	6	1	0.30	5.50		
2010	2010	2	2	CATA	Areawide	Public education **	100.0	20.0	100.0	18.612	1	22.39	2	23.447	1	0.5	17.77	2	1	Public education/Ozone action	2	1	0.20	5	2	0.60	2.30		
2010	2010	1	1	CATA	Areawide	Commute alternatives	86.1	0.0	86.1	17.297	2	20.74	1	21.79	2	1	16.46	1	0.5	Ridesharing	2	1	0.20	5	2	0.60	2.30		
2010	2010	3	3	Lansing	Citywide	Roadway sensors and adaptive signal timing plans of up to 44 intersections	283.7	0.0	283.7	1.56	4	75.69	4	3.8	3	1.75	31.08	3	1.75	Mangement and operations	2	1	0.20	5	2	0.60	4.30		
																0													
																0													
																0													
																0													
TOTAL							1404.8	253.8	1638.6																				

1,406,716

* An additional 155.8 local is anticipated for water main improvements. This project will meet FEMA Flood Insurance standards

** Toll Credits - provide match, but no cash.

Note: If additional funds become available in 2010, 2011, 2012 or 2013, then CATA's 2012 hybrid buses are to be contingency projects to be advanced either as 1, 2, 3, 4, 5, 6, 7 or 8 projects for up to a total of 8 buses over the period.

Emissions reductions ranked in ascending order (highest to lowest)
 Cost values ranked in descending order (lowest to highest)

ILLUSTRATIVE LIST OF UNFUNDED PROJECTS 2011 CONGESTION MITIGATION AIR QUALITY PROJECT APPLICATIONS SUMMARY (LOCAL)

9-30-09

REQUESTED YEAR	FUNDED YEAR	CARTS RANKING	STAFF PRIORITY RANKING	LOCAL JURISDICTION	LOCATION	PROJECT DESCRIPTION (SUMMARY)	FED CMAQ COST (000's)	MATCH (000's)	TOTAL COST	NOX REDUCTION (KG/Day)	RANK	NOX COST (Per KG)	RANK	VOC REDUCTION (KG/Day)	RANK	FORMUL A #1 TOTAL	VOC COST (Per KG)	RANK	FORMUL A #2 TOTAL	PROGRAM CATEGORY	MDOT SECONDARY FACTORS	RANK	FORMULA #3 TOTAL	TCRPC LOCAL FACTORS	RANK	FORMULA #4 TOTAL	TOTAL	
2010	2011	5	5	Lansing	MLK and Willow intersection	Reconfigure to head up NB and SB left turns	120.0	30.0	150.0	0.07	5	209.87	5	0.23	5	2.5	64.88	3	2	Management and operations	2	1	0.20	6	1	0.30	5.00	
2011	2011	4	4	Ingham	Park Lake at Burcham	Construct modern roundabout	600.0	0.0	600.0	0.0016	6	36,845.00	6	0.11	6	3	531.12	6	3	Management and Operations	2	1	0.20	6	1	0.30	6.50	
2011	2011	6	6	Clinton Transit **	St Johns	Construct bus facility for expansion vehicles	345.0	86.3	431.3	1.156	3	33.80	3	21.61	3	1.5	133.00	5	2	Transit	0	2	0.40	4	3	0.90	4.80	
2011	2011	3	3	CATA	Areawide	Public Education *	105.0	21.0	105.0	19.645	1	22.27	2	24.748	1	0.5	17.68	2	1	Public education/Ozone action	2	1	0.20	5	2	0.60	2.30	
2011	2011	2	2	CATA	Areawide	Clean Commute Options	95.4		95.4	17.327	2	21.74	1	21.828	2	1	17.26	1	0.5	Ridesharing	2	1	0.20	5	2	0.60	2.30	
2011	2011	1	1	Lansing	Waverly (Jolly-Moore's River)	Non-motorized pathway	476.0	119.0	595.0	0.8	4	138.28	4	1.12	4	2	98.22	4	2	Non-motorized pathway	2	1	0.20	6	1	0.30	4.50	
																0										0.00	0.00	
																0										0.00	0.00	
																0										0.00	0.00	
																0										0.00	0.00	
																0										0.00	0.00	
																0										0.00	0.00	
																0										0.00	0.00	
TOTAL							1741.4	256.3	1976.7																			

1,406,716

* Toll Credits - provide match, but no cash.

** Clinton Transit facility is the first contingency project should sufficient funds become available

Note: If additional funds become available in 2010, 2011, 2012 or 2013, then CATA's 2012 hybrid buses are to be contingency projects to be advanced either as 1, 2, 3, 4, 5, 6, 7 or 8 projects for up to a total of 8 buses over the period.

Emissions reductions ranked in ascending order (highest to lowest)

ILLUSTRATIVE LIST OF UNFUNDED PROJECTS 2012 CONGESTION MITIGATION AIR QUALITY PROJECT APPLICATIONS SUMMARY (LOCAL)

9-30-09

REQUESTED YEAR	FUNDED YEAR	CARTS RANKING	STAFF PRIORITY RANKING	LOCAL JURISDICTION	LOCATION	PROJECT DESCRIPTION (SUMMARY)	FED CMAQ COST (000's)	MATCH (000's)	TOTAL COST	NOX REDUCTION (KG/Day)	RANK	NOX COST (Per KG)	RANK	VOC REDUCTION (KG/Day)	RANK	FORMULA #1 TOTALS	VOC COST (Per KG)	RANK	FORMULA #2 TOTALS	PROGRAM CATEGORY	MDOT SECONDARY FACTORS	RANK	FORMULA #3 TOTALS	TCRPC LOCAL FACTORS	RANK	FORMULA #4 TOTALS	TOTAL
2011	2012	5	5	Eaton County	Canal Road at Windsor Highway	Add dedicated left and right turn lanes	320.0	80.0	400.0	0.363	7	162.05	8	0.507	6	3.25	116.02	6	3.5	Management and operations	2	1	0.20	5	2	0.60	7.55
2011	2012	6	6	Clinton Transit	Countywide	Replace up to 2 vehicles **	150.0	0.0	150.0	53.924	1	2.18	3	0.28	8	2.25	420.68	8	2.75	Transit	2	1	0.20	6	1	0.30	5.50
2011	2012	1	1	Grand Ledge	M-100 (M-43 to Jaycee Park at Franklin and East River)	Non-motorized pathway on east side	273.5	98.0	335.5	0.1119	8	63.24	7	0.703	5	3.25	88.32	5	3	Non-motorized pathway	2	1	0.20	6	1	0.30	6.75
2012	2012	4	4	CATA	Areawide	Public Education *	110.3	22.1	110.3	19.863	2	23.13	5	25.023	1	0.75	18.36	4	2.25	Public education/Ozone action	2	1	0.20	5	2	0.60	3.80
2012	2012	3	3	CATA	Areawide	Clean commute options	94.9	0.0	94.9	17.47	4	22.63	4	22.009	2	1.5	17.97	3	1.75	Ridesharing	2	1	0.20	5	2	0.60	4.05
2012	2012	2	2	Ingham County	Waverly Rd. at Michigan	New signal replacement	100.0	0.0	100.0	18.09	3	0.54	1	14.52	3	1.5	0.68	1	0.5	Management and operations	2	1	0.20	6	1	0.30	2.50
2012	2012	7	7	CATA	Areawide	Incremental cost of two replacement hybrid vehicles	327.8	82.0	409.8	2.99	6	31.00	6	0.29	7	3.25	318.00	7	3.25	Transit	1	2	0.40	4	3	0.90	7.80
2012	2012	2	2	Ingham County	Waverly at Willow	New signal replacement	100.0	0.0	100.0	8.76	5	1.12	2	5.89	4	2.25	1.66	2	1	Management and operations	2	1	0.20	6	1	0.30	3.75
TOTAL							1476.5	282.1	1700.5																		

1,700,615

* Toll Credits provide match but no cash.

** Assumes state matching funds

Note: If additional funds become available in 2010, 2011, 2012 or 2013, then CATA's 2012 hybrid buses are to be contingency projects to be advanced either as 1, 2, 3, 4, 5, 6, 7 or 8 projects for up to a total of 8 buses over the period.

Emissions reductions ranked in ascending order (highest to lowest)

Cost values ranked in descending order (lowest to highest)

ILLUSTRATIVE LIST OF UNFUNDED PROJECTS 2013 CONGESTION MITIGATION AIR QUALITY PROJECT APPLICATIONS SUMMARY (LOCAL)

9-30-09

REQUESTED YEAR	FUNDED YEAR	CARTS RANKING	STAFF PRIORITY RANKING	LOCAL JURISDICTION	LOCATION	PROJECT DESCRIPTION (SUMMARY)	FED CMAQ COST (000's)	MATCH (000's)	TOTAL COST	NOX REDUCTION (KG/Day)	RANK	NOX COST (Per KG)	RANK	VOC REDUCTION (KG/Day)	RANK	FORMUL A #1 TOTAL	VOC COST (Per KG)	RANK	FORMUL A #2 TOTAL	PROGRAM CATEGORY	MDOT SECONDARY FACTORS	RANK	FORMULA #3 TOTAL	TCRPC LOCAL FACTORS	RANK	FORMULA #4 TOTAL	TOTAL	
2010	2013	1	1	Lansing #	West city limits to US 127/I-496 near Duncel	Construct non-motorized pathway on Consumers Energy Row between Jolly and Miller	401.9	374.0	1870.0	2.06	5	168.53	1	2.89	3	2	119.70	4	1.25	Non-motorized pathway	2	1	0.20	6	1	0.30	3.75	
2013	2013	4	4	CATA	Areawide	Public education *	115.8	23.2	115.8	20.946	2	23.03	4	26.388	1	0.75	18.28	2	1.5	Public education/ozone action	2	1	0.20	5	2	0.60	3.05	
2013	2013	3	3	CATA	Areawide	Clean commute options	99.7	0.0	99.7	18.533	3	22.41	5	23.347	2	1.25	17.79	1	1.5	Ridesharing	2	1	0.20	5	2	0.60	3.55	
2013	2013	2	2	Ingham County	Okemos/Hamilton Intersection	Modern roundabout	640.0		640.0	0.818	6	120.98	2	1.535	4	2.5	64.51	3	1.25	Management and Operations	2	1	0.20	5	2	0.60	4.55	
2013	2013	5	5	Clinton Transit	Countywide	Two replacement bio-diesel buses	160.0	40.0	200.0	53.924	1	2.08	6	0.28	6	1.75	400.65	6	3	Transit vehicles	1	2	0.40	4	3	0.90	6.05	
2013	2013	6	6	CATA	Areawide	Incremental cost of up to two hybrid buses	337.6	84.4	422.1	2.99	4	32.00	3	0.29	5	2.25	327.00	5	2	Transit vehicles	1	2	0.40	4	3	0.90	5.55	
2013	2013			ICRC	Lake Lansing at Okemos Intersection	Add possible roundabout	951.5	0.0	951.5							0			0	Management and Operations			0.00			0.00	0.00	
																0			0							0.00	0.00	
TOTAL							1,755.0	521.6	3,347.6							0			0								0.00	0.00

1,755,034.0

* Toll credits - provide match but no cash.

Note: If additional funds become available in 2010, 2011, 2012 or 2013, then CATA's 2012 hybrid buses are to be contingency projects to be advanced either as 1, 2, 3, 4, 5, 6, 7 or 8 projects for up to a total of 8 buses over the period.

Emissions reductions ranked in ascending order (highest to lowest)
 Cost values ranked in descending order (lowest to highest)

ILLUSTRATIVE LIST OF UNFUNDED PROJECTS 2014 CONGESTION MITIGATION AIR QUALITY PROJECT APPLICATIONS SUMMARY (LOCAL)

9-30-09

REQUESTED YEAR	FUNDED YEAR	CARTS RANKING	STAFF PRIORITY RANKING	LOCAL JURISDICTION	LOCATION	PROJECT DESCRIPTION (SUMMARY)	FED CMAQ COST (000's)	MATCH (000's)	TOTAL COST	NOX REDUCTION (KG/Day)	RANK	NOX COST (Per KG)	RANK	VOC REDUCTION (KG/Day)	RANK	FORMULA #1 TOTAL	VOC COST (Per KG)	RANK	FORMULA #2 TOTAL	PROGRAM CATEGORY	MDOT SECONDARY FACTORS	RANK	FORMULA #3 TOTAL	TCRPC LOCAL FACTORS	RANK	FORMULA #4 TOTAL	TOTAL	
2013	2014	4	4	CATA	Areawide	Public education *	121.6	23.2	115.8	20.946	2	23.03	4	26.388	1	0.75	18.28	2	1.5	Public education/ozone action	2	1	0.20	5	2	0.60	3.05	
2013	2014	3	3	CATA	Areawide	Clean commute options	104.7	0.0	99.7	18.533	3	22.41	5	23.347	2	1.25	17.79	1	1.5	Ridesharing	2	1	0.20	5	2	0.60	3.55	
2013	2014	5	5	Clinton Transit	Countywide	Two replacement bio-diesel buses	168.0	40.0	200.0	53.924	1	2.08	6	0.28	6	1.75	400.65	6	3	Transit vehicles	1	2	0.40	4	3	0.90	6.05	
2013	2014	6	6	CATA	Areawide	Incremental cost of up to two hybrid buses	354.5	84.4	422.1	2.99	4	32.00	3	0.29	5	2.25	327.00	5	2	Transit vehicles	1	2	0.40	4	3	0.90	5.55	
2010	2014			ICRC	Lake Lansing/Okemos intersection	Add possible roundabout	951.5	0.0	951.5							0			0							0.00	0.00	
																0			0								0.00	0.00
																0			0								0.00	0.00
																0			0								0.00	0.00
TOTAL							1,700.3	147.6	1,789.1																			
							1,840,855.0																					

* Toll credits - provide match but no cash.

Note: If additional funds become available in 2010, 2011, 2012 or 2013, then CATA's 2012 hybrid buses are to be contingency projects to be advanced either as 1, 2, 3, 4, 5, 6, 7 or 8 projects for up to a total of 8 buses over the period.

Emissions reductions ranked in ascending order (highest to lowest)
 Cost values ranked in descending order (lowest to highest)

Original federal cost is \$1,496,000. For purposes of financial constraint, these reduced amounts are identified as advance construct in 2013 with partial conversion in 2014. Assumption is for city to provide additional local costs as needed.

ILLUSTRATIVE LIST OF UNFUNDED PROJECTS 2010 CONGESTION MITIGATION AIR QUALITY PROJECT APPLICATIONS SUMMARY (STATE)

9-30-09

REQUESTED YEAR	FUNDED YEAR	CARTS RANKING	STAFF PRIORITY RANKING	LOCAL JURIS	LOCATION	PROJECT DESCRIPTION (SUMMARY)	PHASE***	FED CMAQ COST (000's)	MATCH (000's)	TOTAL COST	NOX REDUCTION (KG/Day)	RANK	NOX COST (Per KG)	RANK	VOC REDUCTION (KG/Day)	RANK	FORMULA #1 TOTALS	VOC COST (Per KG)	RANK	FORMULA #2 TOTALS	PROGRAM CATEGORY	MDOT SECONDARY FACTORS	RANK	FORMULA #3 TOTALS	TCRPC LOCAL FACTORS	RANK	FORMULA #4 TOTALS	TOTAL	
2010	2010	3	3	MDOT	NB US 127-(GR off ramp)	Construct 2 lane exit ramp with dedicated lanes on exit ramp to separate traffic for LT and RT to Grand River	C	40.0	10.0	50.0	0.135	5	54.43	5	0.191	4	2.25	307.69	4	2.25	Management and operations	2	1	0.2	5.00	1	0.30	5.00	
2010	2010	4	4	MDOT	NB US 127-(GR off ramp)	Construct 2 lane exit ramp with dedicated lanes on exit ramp to separate traffic for LT and RT to Grand River	A	320.0	80.0	400.0	0.135	5	435.55	6	0.191	4	2.25	307.69	4	2.5	Management and operations	2	1	0.2	5.00	1	0.30	5.25	
2010	2010	1	1	MDOT	NB US-127 (Grand River to Lake Lansing)	Extend aux. weave lane by connecting Grand River off ramp to Lake Lansing off ramp	C	102.4	25.6	128.0	6.465	3	1.94	2	0.53	2	1.25	23.67	2	1	Management and operations	2	1	0.2	5.00	1	0.30	2.75	
2010	2010	2	2	MDOT	NB US-127 (Grand River to Lake Lansing)	Extend aux. weave lane by connecting Grand River off ramp to Lake Lansing off ramp	A	936.0	234.0	1170.0	6.55	2	17.51	4	0.53	2	1	23.67	2	1.5	Management and operations	2	1	0.2	5.00	1	0.30	3.00	
2010	2010	5	5	MDOT	NB US-127 (Kalamazoo to Grand River)	Extend aux. weave lane by connecting I-496 ramp to the Grand River ramp	C	200.0	50.0	250.0	3.548	4	6.91	3	0.289	3	1.75	84.78	3	1.5	Management and operations	2	1	0.2	5.00	1	0.30	3.75	
2010	2010		6	MDOT	Countywide	Continuation of Ingham County Michi Van Program		140.0	0.0	140.0	33.74	1	17.48	1	45.36	1	0.5	12.86	1	0.5	Ridesharing	1	2	0.4	2.00	2	0.60	2.00	
																	0										0.00	0.00	
																	0										0.00	0.00	
TOTAL								1738.4	399.6	2138.0								0			0							0.00	0.00

1,647,883

* Emissions reductions ranked in ascending order (highest to lowest)

** Cost values ranked in descending order (lowest to highest)

*** "C" phase is design; "A" phase is for construction.

**Urban STP Projects
(Must constrain financially)**

9-30-09

Required Fields

Fiscal Year	County	Juris-diction	Project Name	Limits	Length	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	Comments
2010	Ingham	East Lansing	Harrison Avenue	Trowbridge to Kalamazoo	0.64	Reconstruct existing four lane boulevard; replace curb and gutter	CON		\$ 725.2	\$ 181.3	East Lansing	\$ 906.5	
2010	Ingham	ICRC	Mt. Hope Road	Farm Lane to Hagadorn	0.67	Resurface	CON		\$ 200.0	\$ 50.0	ICRC	\$ 250.0	
2010	Ingham	Lansing	Kalamazoo St	Larch to Pennsylvania	0.34	Reconstruct	CON		\$ 520.0	\$ 130.0	Lansing	\$ 650.0	
2010	Eaton	Grand Ledge	Spring Street/West Lincoln	Pleasant to Jenne	0.15	Reconstruct with curb and gutter	CON		\$ 175.2	\$ 43.8	Grand Ledge	\$ 219.0	
2010	Eaton	ECRC	Michigan Avenue	Canal to Creyts	1.00	Construct new three lane extension	CON		\$ 1,197.0	\$ 320.0	ECRC	\$ 1,517.0	
2010	Ingham	ICRC	Waverly Road	St. Joseph to Michigan	0.50	Resurface, repair curb and gutter	CON		\$ 480.0	\$ 120.0	ICRC	\$ 600.0	
2010	Eaton	ECRC	Nixon Road (AC)	St. Joe to Rockbridge	0.50	Widen from 2 to 3 lanes	CON		\$ 240.0	\$ 119.3	ECRC	\$ 359.3	
2010	Clinton	CCRC	State Road	US 127 BR to Wood	1.00	Resurface	CON		\$ 168.0	\$ 42.0	CCRC	\$ 210.0	
2010	Ingham	Lansing	Executive Drive	Keystone to Miller	0.39	Restore & Rehabilitate	CON		\$ 260.0	\$ 65.0	Lansing	\$ 325.0	
2010	Ingham	Lansing	Keystone Ave	Pennsylvania to Enterprise	0.47	Restore & Rehabilitate	CON		\$ 280.0	\$ 70.0	Lansing	\$ 350.0	
2010	Ingham	Lansing	Moores River Drive (ACC)	Mount Hope to Frances Park	0.41	Reconstruct and add non-motorized lanes	CON		\$ 180.0			\$ 180.0	
2010	Ingham	ICRC	Waverly Road	Grand River bridge to Lansing Rd.	0.50	Resurface, bridge superstructure repairs	CON	2010 AC	\$ 200.0	\$ 238.0	CNTY	\$ 438.0	2009 Project/no obligational authority
2011	Ingham	ICRC	Waverly Road	Grand River bridge to Lansing Rd.	0.50	Resurface, bridge superstructure repairs	CON	2011 ACC	\$ 150.0		CNTY	\$ 150.0	
2011	Ingham	ICRC	Waverly Road	Miller to Jolly	1.00	Widen from 2 to 3 lanes with non-motorized lanes	CON		\$ 498.2	\$ 124.6	ICRC	\$ 622.8	
2011	Ingham	East Lansing	Harrison Avenue (AC)	Mount Hope to Trowbridge	0.55	Reconstruct existing 4 lane boulevard; replace curb and gutter	CON		\$ 378.6	\$ 205.9	East Lansing	\$ 584.5	
2011	Ingham	ICRC	Mt. Hope Road	Hagadorn to Okemos	1.60	Resurface	CON		\$ 672.2	\$ 168.0	ICRC	\$ 840.2	
2011	Eaton	ECRC	Canal Road	Bridge Highway to Lansing Road	1.90	Restore and rehabilitate	CON		\$ 553.7	\$ 138.4	ECRC	\$ 692.1	
2011	Ingham	Lansing	Clippert St	Michigan to Kalamazoo	0.23	Reconstruct	CON		\$ 355.9	\$ 89.0	Lansing	\$ 444.9	
2011	Ingham	ICRC	Okemos Road	Sandhill to the I-96 overpass	0.50	Widen from 2 to 3 lanes	CON		\$ 250.0	\$ 62.5	ICRC	\$ 312.5	
2011	Ingham	Lansing	Turner St	Sheridian to Carrier	0.27	Reconstruct	CON		\$ 395.4	\$ 98.8	Lansing	\$ 494.2	
2011	Eaton	ECRC	Nixon Road (ACC)	St. Joe to Rockbridge	0.50	Widen from 2 to 3 lanes	CON		\$ 237.2			\$ 237.2	
2011	Ingham	Lansing	Jolly Road	Aurelius to Dunckel	0.51	Restore & Rehabilitate	CON		\$ 395.4	\$ 98.8	Lansing	\$ 494.2	
2011	Clinton	CCRC	Clark Road	Watson to Webster	0.75	Resurface	CON		\$ 158.1	\$ 39.5	CCRC	\$ 197.6	
2011	Eaton	Grand Ledge	DeGroff Street (AC)	M-43 to Edwards	0.25	Reconstruct and add non-motorized lanes	CON		\$ 168.0	\$ 84.1	Grand Ledge	\$ 252.1	
2011	Ingham	Lansing	Clippert St	Saginaw to Michigan	0.52	Reconstruct	CON		\$ 217.4	\$ 54.4	Lansing	\$ 271.8	
2012	Ingham	ICRC	Cedar St	Holt to Aurelius	0.64	Reduce from 4 to 3 lanes including bike lanes	CON		\$ 509.3	\$ 127.3	ICRC	\$ 636.6	
2012	Ingham	East Lansing	Harrison Avenue (ACC)	Mount Hope to Trowbridge	0.55	Reconstruct existing 4 lane boulevard; replace curb and gutter	CON		\$ 445.0			\$ 445.0	
2012	Ingham	ICRC	Willoughby Road	Washington to Beryl	2.30	Resurface and reconfigure intersection with Aurelius Road	CON		\$ 600.0	\$ 150.0	ICRC	\$ 750.0	
2012	Ingham	ICRC	Washington Road	Holt Road to Willoughby	1.10	Resurface	CON		\$ 440.0	\$ 110.0	ICRC	\$ 550.0	
2012	Ingham	Lansing	Washington Ave	CN Railroad to Main St	0.39	Reduce from 5 to 3 lanes	CON		\$ 2,315.2	\$ 578.8	Lansing	\$ 2,894.0	Original federal share \$1,100,000
2012	Eaton	Grand Ledge	Bridge/Jenne corridor	Scott to Jenne/Lincoln to Lamson	0.20	Reconstruct and add non-motorized lanes	CON		\$ 278.4	\$ 69.6	Grand Ledge	\$ 348.0	
2012	Clinton	CCRC	Turner Road	Stoll to Clark	1.00	Resurface	CON		\$ 200.0	\$ 50.0	CCRC	\$ 250.0	
2012	Eaton	Grand Ledge	DeGroff Street (ACC)	M-43 to Edwards	0.25	Reconstruct and add non-motorized lanes	CON		\$ 169.6			\$ 169.6	
2012	Ingham	Lansing	Holmes Road	MLK to Pleasant Grove	0.76	Restore & Rehabilitate	CON		\$ 136.0	\$ 34.0	Lansing	\$ 170.0	

Bridge Projects

9-30-09

Fiscal Year	County	Jurisdiction	Project Name	Limits	Length	Project Description	Phase	Federal Cost (\$1000s)	State Cost (\$1000s)	Local Cost (\$1000s)	Total Cost (\$1000s)	Comments
2010	Clinton	CCRC	County Farm Road	Over Spaulding Extension		Bridge replacement	CON	\$ 540.0	101.0	34.0	\$ 675.0	Currently approved (in TIP)
2010	Eaton	Eaton Rapids	East Knight Street	Over Grand River		Preventative maintenance	CON	\$ 157.0	30.0	10.0	\$ 197.0	Currently approved (in TIP)
2010	Ingham	ICRC	Dobie Road	Over Red Cedar River		Replace bridge	CON	\$ 1,884.0	353.0	118.0	\$ 2,355.0	Currently approved (in TIP)
2010	Ingham	Lansing	Kalamazoo Street	Over the Grand River		Preventative maintenance	CON	\$ 240.0	45.0	15.0	\$ 300.0	Currently approved (in TIP)
2010	Ingham	Lansing	Pennsylvania Avenue	Over Red Cedar River		Preventative maintenance	CON	\$ 780.0	146.0	49.0	\$ 975.0	Currently approved (in TIP)
	Clinton	CCRC	State Road	Over Grand River		Rehabilitate bridge	CON	\$ 1,400.0		350.0	\$ 1,750.0	
	Clinton	CCRC	Tallman Road	Over Morris Drain		Replace bridge	CON	\$ 440.0		110.0	\$ 550.0	
	Clinton	CCRC	Colony Road	Over Maple River		Replace bridge	CON	\$ 664.0		166.0	\$ 830.0	
	Clinton	CCRC	Stone Road	Over Maple River Drain		Replace bridge	CON	\$ 304.0		76.0	\$ 380.0	
	Clinton	CCRC	Shephardsville Road	Over Maple River		Rehabilitate bridge	CON	\$ 491.2		122.8	\$ 614.0	
	Eaton	Leslie	Mill Street bridge	Over Huntoon Creek		Rehabilitate bridge	CON	\$ 729.6		182.4	\$ 912.0	
	Eaton	ECRC	Creyts Road	Over Grand River		Preventative maintenance	CON	\$ 575.2		143.8	\$ 719.0	
	Eaton	ECRC	Bellevue Highway	Over Spring Brook		Replace bridge	CON	\$ 575.2		143.8	\$ 719.0	
	Eaton	ECRC	Kalamo Highway	Over Battle Creek River		Replace bridge	CON	\$ 543.2		135.8	\$ 679.0	
	Eaton	ECRC	St. Joe Highway	Over Sebewa Creek		Replace bridge	CON	\$ 484.8		121.2	\$ 606.0	
	Eaton	ECRC	Brookfield Road	Over Battle Creek River		Replace bridge	CON	\$ 549.6		137.4	\$ 687.0	
	Ingham	East Lansing	Bogue Street bridge	Over Red Cedar River		Rehabilitate deck and appurtenances	CON	\$ 176.0		44.0	\$ 220.0	
	Ingham	ICRC	Willoughby Road bridge	Over Sycamore Creek		Replace local bridge	CON	\$ 968.0		242.0	\$ 1,210.0	
	Ingham	ICRC	Van Atta Road bridge	Over Red Cedar River		Replace local bridge	CON	\$ 788.0		197.0	\$ 985.0	
	Ingham	ICRC	Columbia Road bridge	Over Grand River		Rehabilitate bridge	CON	\$ 960.0		240.0	\$ 1,200.0	
	Ingham	ICRC	Zimmer Road bridge	Over Red Cedar River		Rehabilitate bridge	CON	\$ 880.0		220.0	\$ 1,100.0	
	Ingham	ICRC	Noble Road bridge	Over Doan Creek		Replace local bridge	CON	\$ 400.0		100.0	\$ 500.0	
	Ingham	ICRC	Waverly Road	Willow to Grand River	1.50	Resurface	CON	\$ 900.0			\$ 900.0	
	Ingham	Lansing	Edgewood Blv	Washington to Cedar	1.33	Resurface	CON	\$ 460.0		\$ 220.0	\$ 680.0	
	Ingham	Lansing	Holmes Road	Berwick to Pleasant Grove	0.80	Reconstruct from Berwick to Deerfield; resurface Deerfield to Pleasant Grove at	CON	\$ 475.0		\$ 100.0	\$ 575.0	
											\$ -	
											\$ -	
TOTAL COST OF 2010 PROJECTS								\$ 3,601.0	\$ 675.0	226.0	\$ 4,502.0	
AVAILABLE FUNDING AMT								\$ 10,117,837.0				
DIFFERENCE								\$ 10,114,236.0		(226.0)	\$ (4,502.0)	
TOTAL COST OF 2011-2014 PROJECTS								\$ 12,763.8	\$ -	3,052.2	\$ 15,816.0	
AVAILABLE FUNDING AMT								\$ 10,117,837.0				
DIFFERENCE								\$ 10,105,073.2		(3,052.2)	\$ (15,816.0)	

\$2,529,459 available (historical avg.)