

12. Implementation of strategies

As a group, Tables 7, 8, and 9 provide detailed information on the implementation of congestion management strategies. They show us the status of projects (Table 7), detail what strategies have been implemented (Table 8), and point out some strategies for consideration in the future (Table 9).

Qualitative evaluation of the location and severity of congestion has been a factor in transportation planning in the region for many years. In 1995, a review was conducted of the 1995-1998 Transportation Improvement Program (TIP) to assess what types of congestion mitigation strategies were already programmed to affect roadways on the CMS monitoring network. In 1997, a similar review was conducted of the 1997-2000 TIP; in 1999 the same review was conducted for the 1999-2002 TIP; and in 2001 SPC reviewed the 2001-2004 TIP. The current report reflects project status on the 2003-2006 TIP.

Table 7 notes the **status of projects on the 2003-2006 TIP** and **progress of projects** toward implementation. (See Table 1 and Figures 1-13 for complete corridor descriptions and Section 10 (pages 31-32) for a listing of strategies.)

Table 8 summarizes the **implementation of strategies**, enabling one to review by CMP corridor which Congestion Management strategies have been put into effect (completed) since 1991.

Table 9 provides a comparison between those strategies identified as most feasible for each corridor (Table 5, Group A) and those types of strategies programmed for implementation (Table 7). By corridor, Table 9 lists the strategies which have been evaluated as most feasible but which have *not* been programmed since 1995. The result is to point out types of **strategies which might be considered for implementation in the future**. It should be remembered that in addition to strategies listed in Table 9, other strategies evaluated B or C are appropriate for implementation. Public relations and education for transportation supportive development as well as retiming of signals (one type of **Traffic signal improvements**) are examples of recommended strategies that might be implemented without ever showing up on the TIP. In addition, there are some strategies that don't show up in Table 9 because they have been implemented at some point on the corridor, but which should be more fully programmed.

SPC's *2030 Plan for Transportation and Development*, adopted July 31, 2003, includes a list of **Early Options Analysis (EOA) studies**. Studies are listed in the long-range plan to encourage analysis of corridors known to have congestion, safety, or connectivity problems. Studies that are completed or now underway are described in **Table 10**.

The following action plan is currently in effect for implementation of strategies:

- ! Continue the monitoring program for CMP corridors and use this data to identify strategies for management of congestion.

- ! Utilize guidance from the CMP for evaluation of projects during the programming process,

with particular attention to the rating of feasibility of strategies. (See Table 5.)

- ! Review the alternatives identified in recent corridor studies and evaluate these options during project programming. (See Table 10.)
- ! In 1998, SPC conducted a Traffic Signal Improvement Project, which demonstrated that retiming of signals on Baum Blvd. in the City of Pittsburgh (CMP corridor 35) would reduce delay by 26%, fuel consumption by 17%, and emissions by 17% during the AM, noon, and PM peak hours. Analyze additional corridors for effectiveness of signal improvements, and seek opportunities to promote municipal cooperation on signal retimings.
- ! Expand use of ITS techniques on major corridors.

13. Evaluation of the effectiveness of implemented strategies

The value of the CMP monitoring program is the comparative information it can give to transportation planners over a period of time. Continual monitoring of the performance of the transportation system will document the effect of congestion management strategies as they are implemented, taking into consideration other variables affecting the performance of the system.

Before-and-after analysis can be conducted when the second round of monitoring provides comparative data on CMP corridors where strategies have been implemented.

14. Goals for enhancement of the regional Congestion Management Process

The regional Congestion Management Process is ongoing, not a single report. This document represents the state of the CMP at the end of 2005. The following goals for future CMP activity are stated to assure continuous enhancement of this regional Congestion Management Process.

- a. SPC will expand visibility of the CMP program – its monitoring program, data, recommendations, and requirements – among PennDOT and county planning partners. CMP factors will become a more direct factor in project programming.
- b. The regional CMP will be updated at least every three years, more often if conditions change or new data becomes available.
- c. CMP updates will routinely revise Tables 7, 8, and 9, which record an accumulating inventory of implemented CMP strategies. Table 10 will also be updated as studies progress.
- d. CMP updates will reflect changing conditions in the region that may justify additions or deletions to the CMP network. Analysis of travel time and delay data at the end of each complete round of data collection will result in an update to Table 4, Types and Severity of Congestion.

- e. The regional CMP will continue to identify corridors where the data on travel-time and delay suggest a need for follow-up to analyze causes of congestion. Such field views and analysis will be correlated with the Early Options Analysis program.
- f. Although data collection is done along specific roadways, the CMP will continue to take a systems approach in the analysis. This is accomplished through the ranking of most congested roadways. Systems analysis is also reflected in follow-up studies that explore causes of delay.
- g. SPC will strive to correlate CMP activities with ITS opportunities, promoting ITS as a strategy for managing congestion and also utilizing it as a tool for data collection.
- h. The regional CMP will work with SPC's Freight Forum to address congestion issues affecting movement of goods in the region.
- i. The regional CMP will work with transit providers to address congestion issues related to transit operations.
- j. The regional CMP will continue to examine traffic count data to identify periods of peak congestion. If peak periods occur during non-commute hours, the data collection times will be adjusted accordingly. This type of congestion is most likely to occur in the vicinity of major retail or recreational destinations.
- k. The regional CMP will also examine traffic count data to identify the duration of peak travel periods. This information will be incorporated in the regional analysis.
- l. Where conditions are known to have changed, either through construction, implementation of travel demand or operational strategies, or significant land use modifications, the CMP analysis will compare before and after conditions. Recognizing that many variables can alter travel times, this analysis may indicate effectiveness of implemented strategies or suggest a need for the CMP to revise the strategies it recommends for a given corridor.
- m. SPC's forecast will enable the CMP to anticipate congestion under future conditions resulting from transportation and development investments supported in the long-range regional plan.

TABLE 7, PROGRAMMING OF PROJECTS WHICH IMPLEMENT CMP STRATEGIES:
STATUS 2003

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
	Regionwide						
	20/20 Regional Transit Visioning Study		1 thru 118	10,25		Study will be completed in early 2006.	
	Commute Info (formerly Commuter Connection), rideshare		1 thru 120	2,5,10		ongoing program	
	Allegheny County						
	Stage II light rail transit, fixed guideway reconstruction, modernization	10080006	15,36	22		Under const. 2003-2004	
	New transit service initiatives on busway extension to Rankin and on LRT Stage II Overbrook line		15,20,36,41, 46,56	1	Const. 2004		
	Martin Luther King Busway extension	10068304 11168243	41,46	22	Pre-engineering 2003	Completed to Swissvale 2003	
	Wilkesburg Park n Ride	10010008	12,13,31	1,2,3		2002	
	McKees Rocks PNR lot	10069346	5,14,18,45	1,2,3			X
	Small Transit Vehicle operations, Phase I, Airport Corridor and Monroeville areas	11168255	5,6,7,8,9,31,32	1		Ongoing operation since 1998. Startup funding concluded.	
	Small Transit Vehicle operations, Phase II, North Hills and South Hills areas	11168256	1,2,15,16,19, 20,21,22	1		Ongoing operation since 1999. Startup funding concluded.	

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	North Shore Connector, for LRT extension to North Shore and convention center		5,38,40,58,59,60,61	1	FEIS & Prelim Eng 2002 Final design 2002 Const. 2003		
	TMA funding	11168253	5,6,7,8,9,12,13 28,29,30,31,37 38,40,42,43,51 52,53,54,57,58 59,60,61,62	2,5,6,7,8,10	Const. 2003, 2004, 2005, 2006	Ongoing program	
	ACTA TDM program, guaranteed ride home	10050051	6,7,8,9	2,5		Ongoing program	
	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations	10050053	6,7,8,9	2,10,23,24,25		Ongoing program since 1995	
	ACTA vanpool	10010093	6,7,8,9	2	Const. 2003	Ongoing 2002, 2003	
	ACTA commuter store: establish one-stop shop for transit/transp. info., transit passes and car/vanpool matching	11020108	6,7,8,9	1,2,10		Ongoing operation since 2001	
	Airport Multi-modal Corridor Study	10071113	5,6,7,8,9,10,11 14,18	1,3,4,10,13,20 21,22,25		Study underway	
	Maglev demo. program	11010053	5,6,25,31,94	22		Study underway	
	Pittsburgh Water Transit assessment, on Ohio, Alleg., and Mon Rivers	10060049	10,14,16,27, 41,51,55	1		Study included in Regional Strategic Transit Vision study, completed 2001.	
	Eastern Corridor Planning Study	10071109	12,13,25,27,28 29,30,31,32,33 34,35,37,39,41 42,43,44,46,51 52,53,55,57,62 89,91,94,99 113	1,22,24,25		Study underway	

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8	SR 8 & Kleber Rd., Shaler Twp., widen for turn lane, upgrade signals	10068117	1	11,12		1997	
8	SR 8 at Dickey Rd., widen for turn lane at intersection	10068212	1	12		2000	
8	SR 8, Kittanning St. to Saxonburg Blvd. Etna Boro, widen & realign for 2 lanes each direction & parking	10068108	1	12,13	Const. 2004, 2005		
8	SR 8 from Wildwood Rd. to .5m. N. of PA Tpk. widen for turn lane, barrier, signals	10068121	1	11,12	Utilities 2003, ROW 2003, 2004 Const. 2006		
8	SR 8 & Penn View intersection, widen for left turn lane and signal update	10069773	1	11,12		1992	
19	Washington Rd. from Connor Rd. to Abbeyville Rd., intersection improvement, signals	10068250	114	6,11,12		1996	
22	Settlers Cabin interchange, construct new interchange on Parkway West	10070140	6	12,21	ROW 2003 Const. 2004		
50	SR 50 PNR Lot at Kirwan Heights (Thoms Run Rd.)	10068352	3,5,23,63	1,2,3		2003	
51	SR 51, Payne Hill Rd. to Elliot Rd add median and jughandle	50068911, 50068912, 50068924 and 50068925	15	12	Funded by Turnpike as part of Mon-Fayette, I-70 to SR 51	2000	
51	SR 51 PNR lot at Large	50068911, 50068912, 50068924, 50068925	15, 19,50,51	1,2,3	Funded by Turnpike as part of Mon-Fayette, I-70 to SR 51	2001	
51	Pleasant Hills PNR lot	10069355	5,15,19,47	1,2,3			X

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60	SR 60 from I-79 to SR 3077, Beaver Grade Rd. to Windhaven, widen lanes	10050040	9	12		1999	
60	SR 60/ Church Hill intersection, traffic signal	11168241	9	11		2000	
60	Summit Park Drive/Robinson Town Center Blvd., widening ramps and signal improvement with access to new Montour Church Road PNR (formerly called Robinson Towne Center ITC)	10010018	6,7,8,9	1,2,3	Const. 2003		
65	SR 65 & Cross St., Leetsdale, widen for turn lane, upgrade signals	10068114	70	6,11,12		1996	
65	Ohio River Blvd. from Grant St. to Riverview, in Bellevue, widen	10060016	10	12,13		2000	
65	SR 65 & Elizabeth Ave. in Avalon, widen for turn lane, upgrade signals	10068116	10	11,12	Const. 2005		
65	SR 65 at Edgeworth: intersection improvement to provide left turn lanes	10010066	70	12,13		1997	
79	I-79 ITS, West Virginia to Erie	10080000	3,75	17,19		ongoing since 2000	
79	I-79 Warrendale Interchange completion	11168231	24,75	12	Pre-eng 2003, Const. 2004		
79	I-79/Parkway interchange completion, ramps	10060030	3,5,6	12	Final design, utilities & ROW 2004 Const. 2005		
79	I-79 Bridgeville Interchange, ramp relocation	10068124	3	12	Utilities & ROW 2004 Const. 2006		

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88	Library Rd., Castle Shannon, from SR 3037 to Grove Rd. widen, drainage	10069245	36	12,13	Utilities & ROW 2003 Const. 2005		
88	SR 88, from School St. to Castle Shannon Blvd. (3037), widening for thru lanes, turn lanes, & signal improvements	10060079	36	6,11,12,13 20	Utilities & ROW 2004 Const. 2005		
121	Cochran Rd. at Beverly: intersection improvements and signal replacements	10071061	23	6,11,12		2003	
279	I-279 HOV, upgrade of entire existing HOV to fully automated, centrally located system	10050094	4	4		1997	
279	West Busway, construct busway	10068170 10068171	5	22		2000	
279	I-279 North & HOV freeway surveillance	11168249	4	17,19	Const. 2003	Ongoing since 2001	
279	HOV fast-acting gates		4	17,19	Const. 2004		
279	Port Authority express buses to PNR during Ft. Pitt Bridge rehab.	10050082	5,15,18,19,20, 65	1	Const. 2003	2002, 2003	
279	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.	10060062	5,15,18,19,20, 65	2,5,10		2002, 2003	
279	Allegheny County park and ride, additional service during Ft. Pitt Bridge rehab.		5,15,18,19,20, 65	2,5,10	Const. 2003		
286	Alpine Village Park and Ride at SR 286 and SR 22, Monroeville	10050043	31,91	1,2,3		2002	

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376	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs	10068129	5,6,8,31	17,19		1996-1997	
376	Traffic management center on I-376 & I-279	10050071	5,6,8,31	17,19		1997	
376	Freeway surveillance & IM, Penn Lincoln Pkwy. exits 8-15, phases 2 & 3	10080001	31	17,19		ongoing since 2000	
376	Parkway patrol, with ITS	10080002	5,31	17,19		ongoing since 2000	
837	SR 837 Waterfront, intersection and access improvements, from 8th Ave. to East Dr.	11168228	41	12		2000	
837	SR 837 widening, Ravine to Whitaker Bridge	11180050	41	12,13	Pre-eng. 2003		
910	SR 910 @ Perry Highway, Church Rd. to N. Chapel Rd., widen, add turn lane and standby lanes	10060036	24,26	12		1999	
910	I-79/SR 910 interchange improvement	11168238	24	12	Const. 2003		
910	Perry Highway Bridge at SR 910/ Church Rd. intersection, add L turn lanes	10069239	24,26	12		2001	
1042	SR 28 Connector over Allegheny River, new 4-lane bridge	11168234	98	21	Pre-eng. 2003, 2004		
2040	Lebanon Church Rd. from SR 51 to Buttermilk Hollow, signals, L turn lanes	10068305	47	11,12		1998	

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2040	Curry Hollow Rd. from SR 51 to Brownsville Rd., widen for L turn lane on 2040, upgrade signals	10068130	47	11,12	Pre-eng., utilities & ROW 2003 Const. 2005		
2057	Haymaker/Old Wm. Penn Hwy. intersection improvements, turn lane	10068104	32	11,12		2000	
3009	Broughton at Baptist Rd reconstr. intersection with turn lanes, upgrade signals	10010076	47	11,12	Utilities 2003		
4003	McKnight Rd. from Nelson Run Rd. to Peebles Rd., coordinate 9 signals	10060001	2,21,22	11,13		1998	
4003	Duncan Ave. extension, new intersection at McKnight Road	10061017	2,21	12,21	Const. 2003 (New road under private/partnership funding)		
4052	Warrendale PNR lot	10050044	24,75	1,2,3		2001	
8057	McKeesport/Duquesne Bridge access, intersection improvement	11168240	41	12	Final design & ROW 2003 Const. 2005		
9900	Babcock Blvd/ Three Degree Rd. Ross Twp. intersection improvement	10070142	21	12	Const. 2004		
9900	Brownsville Rd. at Broughton Rd., intersection improvement	10070134	47	12,13	Final design & ROW 2004 Const. 2005		
9900	Fox Chapel Rd. from Freeport Rd. to vicinity of SR 28 southbound ramp, widen, turn lanes signals	10068173	16	11,12,13		1997	

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9900	Leetsdale overpass, construct access ramp to Leetsdale industrial park	10068115	70	12	ROW 2003, 2004 Utilities 2004 Const. 2005		
9900	Painters Run Rd. from Bower Hill to Robb Hollow Rd. widen to 4 lanes	10070141	64	11,20	ROW 2004 Const. 2006		
9900	McLaughlin Run Trail, lighted walkway & bike trail to access Port Authority station	10068228	114	1,6,7	Const. 2004		
9900	Millvale River Trail, convert bridge at Washington's Landing for bike/ped access from Golden Triangle to Millvale Business District	10068231	16,27	7	Const. 2003		
9900	Millvale River Trail from Millvale to Washington's Landing	10050088	16	6,7	Const. 2004		
9900	Steel Valley Heritage Trail, commuter bikeway from near Glenwood Bridge to Clairton via McKeesport	10068176	41	7		Partially constructed 2002	
Tpk	Southern Beltway from SR 60 to SR 22 (Findlay Connector)	50068921	3,6,8	3,13,21	Funded by Turnpike: Eng. & ROW 2003, 2004		
Tpk	Mon-Fayette Expressway from SR 51 to I-376, construct new expressway	10010068 10010069 and 10010070	15,19,36,41,45 50,51	21	Funded by Turnpike: Eng. 2003, 2004, 2005, 2006 ROW 2006		
	City of Pittsburgh						
	First Ave. LRT Station	10072550	5,19,20,60	1,22		2001	
	North Shore intermodal transportation center,EIS	10068199	58,59,60,61	1,3,8		FEIS completed 2002	

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	North Shore pedestrian connection to Ft. Duquesne Bridge walkway	10071111	5	6		2002	
	North Shore Connector, LRT extension to North Shore, convention center, Greyhound terminal, Amtrak station		5,10,17,58,59	1		FEIS and Pre-eng completed 2002	
	Oakland/Pitt TDM program, ridesharing	10068168	12,13,31,43,53,57,62	2,5,10	Const. 2001	ongoing program	
	New Mon River Bridge, 4 lanes	11168258	5,19,56	4,22	ROW 2003		
19	West Liberty & Banksville Rd. from SR 51 to McFarland Rd., traffic signal improvements, timing	10060067	20,65	6,11		1997	
19	West End Bridge widen ramps to SR 65 SB	10060075	10,18	12		1997	
19	West End Bypass, add lane from West End Circle to Parkway	10060052	15	20		1998	
19	West End Circle improvements, reconstruction & realignment to allow through movements	10068327	15,18,45,63	11,12,13		2001	
19	West End Bridge lane control for reversible lanes	10060066	18	13,15		2001	
19	West End Circle improvements, reconstruction & realignment to allow through movements	10069770	15,18,45,63	11,12,13	Final design 2004 Const. 2006		
19	SR 19 West End Bridge South Approach, lane relocation and wall construction to provide direct connection between bridge and SR 19		15,18,45	11,12,13	Const. 2004		

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28	SR 28 from Troy Hill to 31 st St. Bridge, widen	10060022	16	11,12,13	Pre-eng 2003, 2004 ROW 2004, 2005 Utilities 2005, 2006		
28	SR 28 from 31 st St. Bridge to Millvale interchange, widen	10060021	16	11,12,13	Pre-eng 2003, 2004 Utilities 2005, 2006 ROW 2004, 2005		
28	SR 28 from 40th St. Bridge to Millvale interchange	10050080	16	12,13		2002	
28	Pedestrian bridge over SR 28	10060031	16	6		1998	
51	Liberty Tunnel south portal, SR 51 at W. Liberty Ave. grade separation	10050009 10050010	15,19,20	11,12,13		2000	
51	SR 51 @ Whited St. PNR	10069356	5,15, 19	1,2,3			X
51	Sawmill Run Blvd. intersection improvement at SR 88 signals	10068249	15,36	11,12		2000	
51	SR 51 signal improvements from SR 88 to McKees Rocks Bridge	10060068	14,15	11		2000	
51	Woodruff connector, construct jughandle at intersection SR 51	10060069	15	12		2001	
51	SR 51 intersection improvement at McKees Rocks Bridge	10069354	11,14	12		2001	
51	SR 51/19 intersection improvement	10061022	15,65	12		2002	
51	SR 51 & SR 88 intersection, widen for turn lanes	10068111	15,36	12,13	Final eng 2004 Utilities & ROW 2006		

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65	North approach to West End Bridge	10068328	10,18	12,13		2000	
88	SR 88, McNeilly Rd. to Sixth St. in Castle Shannon, widen, turn lanes and signal improvements	10060038	36	11,12	Utilities& ROW 2003 Const. 2005		
279	I-279 signal improvement, signs, guiderail	10060028	4	11		1996	
279	Stadium ramps for pedestrians	10068147	5,10	6		1997	
279	Banksville Interchange between SR 51, I-279 and SR 19, widen ramps	10060074	5,15,65	12		1999	
279	Reconstruct Ft. Duquesne Bridge pedestrian ramp and underpass from river access, under North shore Drive, to stadium	11180003	5,10	6		2002	
279	I-279/I-376 connector, from Ft. Duquesne Bridge to Parkway East	10050081	5,31	13	Const. 2003		
279	SR 28/I-279 Connector, ramp connection from SR 28 SB to I-279 SB		2,4,16	13	Final design 2003		
380	Penn Circle reconstruction as two-way arterials	10060045	30,33,34,35,113	6,11,12,13	Pre-eng. 2003, 2004 Const. 2006		
837	SR 885 & SR 837 signal improvements on Second Ave. and Carson	10060070	41,45,51	11		1998	
837	East Carson St., widening and resignal	10010027	41	11,12,13	Pre-eng. 2003 Final design 2004		
885	Blvd. of Allies from Liberty Bridge to Parkway ramp, widen, median barrier lighting	10050011	57	13		1996	

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2108	Oakland, Fifth & Forbes corridor, reconfigure travel lanes for pedestrian improvements	11180036	12,13	6	Final design & Const. 2006		
2130	Lawrenceville Access Road, new 2-lane industrial access road	10068332 10068354	27,59	21	Final design 2005 ROW 2006		
3026	Liberty Bridge lane control	10060072	19	15		1996	
3104	McKees Rocks Bridge, intersection improvement, realign, and signs	10060073	11,14	11,12,13		1998	
9900	Bike Oakland, purchase of bike racks and lockers	10050014	12,13,52,53, 57,62	7		1996	
9900	Allegheny River Heritage Trail, commuter bikeway from Washington's Landing to West End Bridge	10068177	4,10,16	7		2001	
9900	Three Rivers Heritage Trail, South Side	10050087 10050089	41,45	6,7		2002	
9900	Allegheny County bicycle support in CBD, bicycle parking and educational material	10050093	1 thru 65	7		2003	
9900	Pittsburgh trail signage and system maps for existing bike/ped trails	10072562	12,13,16,31,37 38,40,42,45,52 57,58,59,60,61	6,7,10		Funding authorized. Ready to implement.	
9900	North Shore of the Ohio Trail, one mile section from Island Ave. to Tracy St.	10072561	10	6,7	Const. 2003		
9900	Bike racks, Oakland, purchase 25 bike racks	10010036	12,13,52,53, 57,62	7	Const. 2003		
9900	Hot Metal Bridge crossing, trail connection between Eliza Furnace Trail and South Side Trail	10069778, 10010031	41,52,57	6,7	Const. 2004		

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9900	CBD signal upgrade at 31 intersections	10068198	38,40,58,59, 60,61	11	Final design 2004		
	Armstrong County						
66	Manorville PNR at SR 66 & SR 2025	20065000	16,69	3			X
268	West Kittanning PNR at SR 268 & SR 3017	20065002	16	3		2001	
268	West Kittanning intersection improvements & upgrades, SR 1038 to Walmart	20070014	68	11,12	Utilities & ROW 2005 Const. 2006		
422	Edgewood PNR at SR 422 & SR 2011	20064732	69	2,3		1996	
1038	West Kittanning Boro signals, intersection SR 1038, SR 3003, Arthur St.	20070075	68	11		2002	
6028	Kittanning Bypass from SR 66 to SR 422	20064961	68,69	12,13, 18,21		2001	
9900	Ford City Trail from Ford City to Lemon Way in Kittanning	20064735	68,69	6,7		1998	
9900	Kittanning Trail from Manorville Bridge to Jefferson St.	20064736	68,69	6,7		1999	
9900	Kittanning Boro Trail	20066050	68,69	6,7	Const. 2003	Sections completed in 2001 and 2003	
9900	Kittanning Trail #2, 2.3-mile trail to former Conrail ROW	20064788	68,69	6,7	Const. 2003	2003	
	Beaver County						
	Beaver County Transit Authority purchase expansion buses	30068193	70,71,72	1		1997	

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	Beaver County Transit Authority vehicle procurement, marketing plan, signs, shelters & in-vehicle ITS	30074733	70,71,72	1		2001	
	Beaver County Transit Authority service expansion	30050085	70,71,72	1		2002	
65	SR 65, Old Economy Village widen for L turn lane	30074704	70	12		2000	
65	Ambridge PNR lot	30074721	10,70	1,2,3			X
68	Brighton Ave./Adams St., SR 68 & SR 18 in Rochester borough, upgrade signals	30074719	71,72	11		1996	
68	SR 68 signals in Beaver	30074921	71	6,11		2002	
68	SR 68 signals in Vanport	30074920	71	6,11	Pre-eng 2003, 2004 Final design & ROW 2005 Utilities & Const. 2006		
989	Ambridge Municipal PNR	30068172	10,70	1,2,3		2002	
2004	Freedom-Crider Safety Project, truck lane, straighten curve, improve sight distance	30074865	76	12,13		2002	
2004	Freedom-Crider Road (Crow's Run West Upgrade), re-align Freedom Road to connect Freedom-Crider to SR 65, Conway Borough		70	12,13	Final design 2003		
2004	Crows Run Transportation Improvements, two-lane relocation, from SR 65 to SR 19 in Butler County	0074864	70,76	12,13	Final design 2003 Utilities 2004 ROW 2005		

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
3052	Ambridge-Aliquippa Bridge, new four-lane bridge	30074702	70	12,13	Final design 2004 ROW 2005		
9900	Island Lane Connector, pedestrian trail from Beaver, through Bridgewater, to Rochester	30074930	71	6			X
9900	Brady's Run Multi-use Trailway, a bike/pedestrian alternative to SR 9012 to access park destinations	30074931	72	6,7	Const. 2003		
9900	Beaver River Rails-to-Trails project, from 11th St. to 34th St.	30074932	72	6,7	Const. 2003, 2004		
9900	Wolfe Lane connector to Bicentennial Riverfront Park, construct walkway	30074925	71	6	Const. 2004		
9900	Fallston-New Brighton Bridge (Front St.) Study to relocate	30074726	72	12,13	Final design 2004 Const. 2005, 2006		
	Butler County						
	Cranberry Area Transit Study		2,4,26,75,81 82,83	1,25	Not TIP funded. Underway 2003-2004.		
8	Butler City traffic study	40079701	73,74,83,84	6,11,12		Study conducted 2001, 2002	
8	Butler City signal enhancement	40079672	83,84	11		2002	
19	Rochester Rd/ SR 19 inter-section, upgrade, construct R turn lane	40065189	81,82	12		1997	
19	SR 19 traffic signal coordination Cranberry Twp.	40065187	81,82	11		1997	
19	SR 19/N. Boundary Glen Eden intersection upgrade, signals and turn lanes	40065188	82	11,12		1997	

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
19	Zelienople traffic signal enhancement at intersection SR 19 and SR 68	40071005	80,82	11			X (See Zeli study below – SR 288)
28	SR 28 & SR 356 PNR lot	40065184	16,26	1,2,3		1996	
68	SR 68/SR 422 interchange improvements	40065194	74	12	Const. 2003, 2004		
68	Hilltop PNR lot on SR 68 north of SR 422	40063020	74,83	2,3			X
79	I-79 Turnpike Connector, interchange, mainline, relocate service roads	40065223	75,82	12,13,21	Const. 2003, 2004	Partially completed 2001, 2002	
79	I-79 interchange at SR 3025, complete interchange near Seneca High School	40065209	80,82	21	Pre-eng. and Final design 2003 ROW 2006		
79	I-79 and SR 228 interchange improvements, construct missing ramps	40065202	3,75,81,82	13,21		2001	
79	I-79 & SR 488 PNR lot	40065180	2,3,4,26,75,77	2,3		1996	
79	I-79 & SR 528 PNR lot at interchange	40065233	2,3,4,26,75	2,3		1996	
228	SR 228 bridge over I-79, with additional lanes	40065203	81	13,20		2001	
288	Zelienople traffic/congestion study	40063013	80,82	11,12,13	Eng. 2003	Study underway	
288	SR 288/SR 588 intersection improvements, Zelienople	40071004	80	12			X (See Zeli study, above.)
3020	Cranberry Township PNR lot, Freedom Rd. at Haines School Rd.	40065217	2,3,4,17,74,81	2,3			X
3020	Freedom Road safety project	40069441	81	12,13			X

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
	Fayette County						
21	Matthew Drive upgrades, prelim. engineering to determine required number of lanes on Matthew Drive	12010061	115	12,20	Pre-eng 2003, Final design 2004		
21	S & T Drive to SR 40, highway widening	12010047	115	12,20	Final design 2005, 2006 Utilities & ROW 2006		
711	SR 711 Transportation Study, Connellsville	12010023	118	11,12,13	Final design, Utilities & ROW 2003 Const. 2004		
	Greene County						
19	Morrisville Corridor, reconstruction, widening, lane additions, from SR 19/21 intersection to High St.	70010001	105,106	11,12,13,20	Final design 2005 Utilities 2006 ROW 2005, 2006 Const. 2006		
	Indiana County						
286	Indiana Multi-modal Mobility Study		107	25		2003	
286	Oakland Ave. partnership with IUP, Washington St. to 13th St., road widening and safety improvements	90010055	107	6,12	Utilities, ROW & Const. 2004		
286	SR 286 West , from Rustic Lodge Rd. to Indiana Bypass, add lanes, congestion relief	90015050	107	11,12,20	ROW 2006		
3043	Rose Street Extension #2, lane relocation, 2-lane highway	90010046	107,108	20	ROW 2006		
	Lawrence County						
	Park N Ride/Transfer Point		119,120	1,3	Final design, Utilities, & ROW 2004 Const. 2004, 2005		

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
	Washington County						
	Traffic signal enhancements, including SR 18 at Third St. and SR 40 at SR 18	50010300	85,86	11	Final design, Utilities & ROW 2003 Const. 2004		
19	SR 19 at Weavertown Rd., widen for L turn lanes and signalization	50061063	87	11,12		1996	
19	SR 19 at McClelland Rd. widen for L turns and re-signalization	50061061	87,114	11,12		1996	
19	SR 19 at Davis School Rd. intersection improvement	50079210	87,114	12		1997	
19	SR 19, from Manifold Rd. to I-70/79, study for widening and interchange reconstruction	50010213	87	12,13		2002	
19	Gateshead/ Hidden Valley Rd. at SR 19, intersection improvement	50010324	114	12		2002	
19	SR 19, McDonald's PNR	50010081	87,114	3			X
19	SR 19 safety corridor from North Ave. to mall, widen for turn lanes	50061064	87	11,12,13		2003	
19	SR 19 at Manifold Rd., widen for L turn lanes and signalization	50061062	87	11,12		2003	
19	Donaldson's Crossroads, SR 19 at McMurray Rd., intersection improvement	50010064	114	12	Study 2003		
19	SR 19 at Meadowbrook Drive, turning lane & signal	50010302	87	11,12	Const. 2003		
19	SR 519 at SR 980/SR 19, signal improvements, channelization	50010321	87	11,12	Pre-eng. & final design 2003 Const. 2006		

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
19	Route 19 Land Use Initiative		87,114	25	On UPWP, not TIP. Underway 2003.		
40	SR 40/SR 3013 intersection improvement in Franklin Farms Mall area	50010089	85	12		2002	
40	SR 40 safety corridor, from I-70 east to SR 18 widen and remove parking to add lane	50061058	85	11,12,13	Const. 2006		
70	Exit 5 PNR at I-70 in Canton Twp.	50010103	3,5,19,20,87,114	2,3		1998	
70	I-70/SR 136, Beau St. PNR at interchange	50010600	3,5,19,20,87,110,114	2,3	Const. 2003, 2004		
79	Southpointe PNR Cecil Twp	50010038	3,5,19,20,114	2,3		1998	
79	I-79/SR 519 PNR at Canonsburg Interchange	50010037	3,5,19,20,114	2,3		2000	
79	I-79/I-70 Interchange reconstruction	50050052	110	12	Pre-eng 2003, 2004 Final design 2004 Utilities & ROW 2005 Const. 2006		
9900	Washington County Comprehensive Plan		3,85,86,87,110,114	23,25			
Tpk	Southern Beltway from I-79 to SR 22	50068914 50068915	3,6,7	3,13,21	Funded by Turnpike: Eng. 2003, 2004, 2005		
Tpk	Southern Beltway from Mon-Fayette Expressway to I-79	50068918 50068919	47,64	3,13,21	Funded by Turnpike: Eng. 2003, 2004, 2005, 2006		
	Westmoreland County						
	WCTA transit marketing program	60010026	88,89,91,94,95,96,111	10		1996-1997	
22	SR 22 reconstruction, Delmont to SR 819, reconstruct to 4 lanes	60084070	92	11,12,13		1995	

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
22	SR 22 reconstruction, SR 819 to SR 119, Shieldsburg, reconstruct to 4 lanes	60083213	92	11,12,13		1997	
22	SR 22/66 interchange improvement, Delmont	60061055	91,92,93	12		2002	
22	SR 22 reconstruction, Shieldsburg to New Alexandria, L turn lanes, signals, widening	60079553	92	11,12,13		Under const. 2002, 2003	
22	SR 22 reconstruction, Murrysville to Export, widen to 4 lanes with median barrier	60010031	91	3,11,12,13	Final design 2003 Const. 2003, 2004		
22	SR 22 reconstruction Export to Delmont, widen to 4 lanes with median barrier	60010032	91	11,12,13	Final design 2003 ROW 2003, 2004 Const. 2004		
22	SR 22 reconstruction, New Alexandria to SR 982, L turn lanes, signals, widening	60079554	92	11,12,13	ROW 2004 Const. 2004, 2005, 2006		
22	SR 22 reconstruction, SR 982 to Westinghouse L turn lanes, signals, widening	60079555	92	11,12,13	Final design 2003 Utilities 2004 ROW 2004, 2005 Const. 2005, 2006		
22	SR 22 reconstruction , Westinghouse to county line, L turn lanes, signals, widening	60079556	92	11,12,13	Final design 2003 Const. 2006		
30	SR 30 from Walmart to Greengate Mall, add median barrier & jughandle	60010016	94	12		1996	
30	SR 30 PNR lot, Jeannette area	60010048	94	1,2,3			X
30	SR 30 Norwin Shopping Center, from Circleville to Malts Lane, widen to 5 lanes replace signals	60010025	89	11,12,13	Const. 2002		

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
30	SR 30, Leger Rd. to Malts Lane, add lane, signal improvement	60010085	89	11,12			X
30	SR 30, Alleg. Co. line to Leger Rd., add lane, signal improvement	60010087	89	11,12			X
30	SR 30, Irwin Bridge to Circleville, signal improvements and lane addition	60010507	89	11,12			X
30	Unity Township Land Use Initiative		95	18,25		2001	
30	SR 30 and Barnes Lake Road, realign and reconstruct intersection		89	11,12	Const. 2003, 2004		
30	SR 30 Park and Ride, SAMI 1	60010048	25,94	1,2,3	Const. 2004		
30	SR 30 Corridor Safety and congestion reduction	60010228	89	3,11,12	Pre-eng & Final design 2003		
30	Traffic signal enhancements	60010500	89	11	Final design 2003 Utilities & ROW 2004 Const. 2004, 2006		
30	SR 30, Jeannette area, widen for 5 th lane, replace 4 signals	60010013	94	11,12	Const. 2006		
30	SR 30/SR 981 intersection improvement, gateway to airport	60010090	95	11,12	Final design 2003 ROW 2004 Const. 2005, 2006		
56	Craigdell Rd. intersection improvement at SR 4083, SR 56 & SR 4004, including signal improvements	60010010	90	11,12,13		1996	
56	SR 56 & SR 780 @ Valley High School, realign HS drive, add signals and turnaround	60010043	90	11,12		2000	
56	SR 56 at Hyde Park Rd., intersection improvements	60010078	97	12	Final design 2003 Const. 2004		

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
119	SR 119 from SR 3099, Willow Crossing, to Greensburg, selective standby lanes, median control and signals, South Greensburg	60010017	88	11,12	Const. 2004, 2005		
119	SR 119/SR 819 interchange improvement	60010066	101	12	Final design 2004 Utilities & ROW 2005 Const. 2006		
130	SR 130/Pleasant Valley Rd. intersection improvements	60084000	99	12	Utilities & ROW 2003		
130	SR 130 intersection improvements with SR 993	60010110	99	12	Final design 2003 Utilities 2004 ROW 2004, 2005 Const. 2005, 2006		
356	SR 356 intersection improvements, Alleg. Township	60010112	97	12	Final design 2003 ROW 2005, 2006 Const. 2006		
356	Freeport Bridge Options study to determine feasibility/options to alleviate congestion at bridge (see Armstrong Co. program)	20065022	97	12,13	Study 2005		
366	SR 366, south from SR 56 to Industrial Blvd., widen to 4 lanes New Kensington	60061050	98	11,12,13,20			X
366	Parnassus Triangle, intersection improvement at SR 366/SR 187/ Industrial Blvd.	60010006	98	12	Utilities ROW & Const. 2003		
366	Tarentum Bridge Rd., from SR 56 to Tarentum Bridge, widen from 2 to 5 lanes, signal improvements	60010076	98	11,20	Final design & ROW 2003 Const. 2004, 2005		
366	Parnassus Triangle Phase 2, improve intersection from 2 to 4 lanes	60010140	98	12	Final design, Utilities & ROW 2003 Const. 2005, 2006		

SR NO.	PROJECT DESCRIPTION	TIP PROJECT ID NO.	CMP CORRIDORS AFFECTED	CMP STRATEGIES IMPLEMENTED	STATUS: ON TIP 2003-2006	STATUS: IMPLEMENTED 1991-2003	STATUS: DROPPED SINCE 2001
981	Latrobe PNR, at Westmoreland County Airport	60010108	95	1,2,3		1996	
981	SR 981 at Monastery Drive, signal improvement, add turning lane	60010086	102	11,12	Final design 2003 Utilities & ROW 2004 Const. 2005		
981	Laurel Valley Transportation Improvement Projects	60061054	88,95,102	12	Pre-eng. 2005 Final design 2006		
3026 3028	Old Route 30 through Greensburg, from SR 30 to SR 30		96,111	11		1995	
9900	Allegheny Valley Railroad study, from New Kensington to Pittsburgh	60010119	16,26	22		Phase I study completed 2000	
9900	Duff Park bikeway extension	60083290	91	6,7	Const. 2003		
9900	Five Star Trail extension, Youngwood to Tarrs	60010203	88	6,7	Const. 2003		

TABLE 8, CMP STRATEGIES IMPLEMENTED 1991-2003,
BY CORRIDOR

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
Region-wide			
	Multiple corridors region-wide	10. PR and education for travel demand management	Commute Info (formerly Commuter Connection)
			20/20 Regional Transit Visioning Study
		25. PR and education for transportation-supportive policies	20/20 Regional Transit Visioning Study
Allegheny County			
	Multiple corridors in Allegheny County	2. Public rideshare programs	TMA funding
			Commute Info (formerly Commuter Connection)
		5. Employer-based programs	TMA funding
			Commute Info (formerly Commuter Connection)
		6. Pedestrian facility improvements	TMA funding
		7. Bicycle facility improvements	TMA funding
			Allegheny County bicycle support in CBD, bicycle parking and educational material
		8. Public parking management	TMA funding
		10. Public relations and education for TDM	TMA funding
1	SR 8 from SR 228 to Butler St. (SR 2122)	1. Improved transit service	Small Transit Vehicle operations, Phase II, north hills and South Hills areas
			SR 28 & 356 PNR lot
		2. Public rideshare program	SR 28 & 356 PNR lot
		3. Park n=Ride and other intermodal facilities	SR 28 & 356 PNR lot
		11. Traffic signal improvements	Rt. 8 & Kleber Rd., Shaler Twp. widen for turn lane, upgrade signals

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		12. Intersection/geometric improvements	Rt. 8 & Kleber Rd., Shaler Twp. widen for turn lane, upgrade signals
			TR 8 at Dickey Rd., widen for turn lane at intersection
2	East St/McKnight Rd. from SR 19/McKnight Rd. split to East Ohio Street	1. Improved transit service	Small Transit Vehicle operations, Phase II, north hills and South Hills areas
		2. Public rideshare programs	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
		3. Park n=Ride and other intermodal facilities	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
		11. Traffic signal improvements	McKnight Rd. from Nelson Run Rd. to Peebles Rd., coordinate 9 signals
		13. Elimination of bottlenecks	McKnight Rd. from Nelson Run Rd. to Peebles Rd., coordinate 9 signals
3	I-79 Southpointe Interchange (exit 48) to Rochester Rd. (SR 4011) overpass	1. Improved transit service	SR 50 PNR lot at Kirwan Heights (Thoms Run Rd.)
		2. Public rideshare programs	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
			Exit 5 PNR at I-70 in Canton Township
			Southpointe PNR, Cecil Township
			I-79/SR 519 PNR at Canonsburg Interchange
			SR 50 PNR lot at Kirwan Heights (Thoms Run Rd.)
		3. Park n=Ride and other intermodal facilities	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
			Exit 5 PNR at I-70 in Canton Township
			Southpointe PNR, Cecil Township
			I-79/SR 519 PNR at Canonsburg Interchange

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
			SR 50 PNR lot at Kirwan Heights (Thoms Run Rd.)
		13. Elimination of bottlenecks	I-79 and SR 228 interchange improvements, construct missing ramps
		17. Incident management systems	I-79 ITS, West Virginia to Erie
		19. Intelligent Transportation Systems (ITS)	I-79 ITS, West Virginia to Erie
		21. New SOV facilities	I-79 and SR 228 interchange improvements, construct missing ramps
4	I-279 (Parkway North), from I-79 to SR 65	2. Public rideshare programs	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
		3. Park n=Ride and other intermodal facilities	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
		4. HOV facilities	I-279 HOV, upgrade of entire existing HOV to fully automated, centrally located system
		7. Bicycle facility improvements	Allegheny River Heritage Trail, commuter bikeway from Washington's Landing to West End Bridge
		11. Traffic signal improvements	I-279 signal improvement, signs, guiderail
5	I-279 (Parkway West) from SR 65 to I-79	1. Improved transit service	STV operations, Phase I, Airport Corridor and Monroeville areas
			SR 50 PNR lot at Kirwan Heights (Thoms Run Rd.)
			Port Authority express buses to PNR during Ft. Pitt Bridge rehab.
		2. Public rideshare programs	Exit 5 PNR at I-70 in Canton Township
			Southpointe PNR, Cecil Township
			I-79/SR 519 PNR at Canonsburg Interchange

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
			SR 50 PNR lot at Kirwan Heights (Thoms Run Rd.)
			Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		3. Park n=Ride and other intermodal facilities	Exit 5 PNR at I-70 in Canton Township
			Southpointe PNR, Cecil Township
			I-79/SR 519 PNR at Canonsburg Interchange
			SR 50 PNR lot at Kirwan Heights (Thoms Run Rd.)
		5. Employer based programs	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		6. Pedestrian facility improvements	Stadium ramps for pedestrians
			North Shore pedestrian connection to Ft. Duquesne Bridge walkway
			Reconstruct Ft. Duquesne Bridge pedestrian ramp and underpass from river access, under North Shore Drive, to stadium
		10. PR and education for travel demand management	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
			Airport Multi-modal Corridor Study
		12. Intersection/geometric improvements	Banksville Interchange between Rts. 51, 279 and 19, widen ramps
		17. Incident management	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs
			Traffic management center on I-376 & I-279
			Parkway patrol, ITS
		19. Intelligent Transportation Systems (ITS)	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs
			Traffic management center on I-376 & I-279
			Parkway patrol, ITS

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		22. Transit capital improvements	West Busway, construct busway
			First Ave. LRT station
		25. PR and education for transportation-supportive policies	Airport Multi-modal Corridor Study
6	SR 22, from SR 22/30/60 overpass to I-79 (exit 59) overpass	1. Improved transit service	STV operations, Phase I, Airport Corridor and Monroeville areas
		2. Public rideshare programs	ACTA TDM program, guaranteed ride home
			ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			ACTA vanpool
		5. Employer-based programs	ACTA TDM program, guaranteed ride home
		10. Public relations and education for TDM	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			Airport Multi-modal Corridor Study
		17. Incident management	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs
			Traffic management center on I-376 & I-279
		19. Intelligent Transportation Systems (ITS)	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs
			Traffic management center on I-376 & I-279
		23. Growth management	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
		24. Transit-oriented development policies	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
		25. Public relations and education for transportation-supportive policies	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			Airport Multi-modal Corridor Study

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
7	SR 22, from Imperial exit underpass to SR 22/30/60 underpass	1. Improved transit service	STV operations, Phase I, Airport Corridor and Monroeville areas
		2. Public rideshare programs	ACTA TDM program, guaranteed ride home
			ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			ACTA vanpool
		5. Employer-based programs	ACTA TDM program, guaranteed ride home
		10. Public relations and education for TDM	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			Airport Multi-modal Corridor Study
		23. Growth management	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
		24. Transit-oriented development policies	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
		25. Public relations and education for transportation-supportive policies	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			Airport Multi-modal Corridor Study
8	SR 60, from Business Route 60 (exit 3) SB overpass to SR 22/30/60 overpass	1. Improved transit service	STV operations, Phase I, Airport Corridor and Monroeville areas
		2. Public rideshare programs	ACTA TDM program, guaranteed ride home
			ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			ACTA vanpool
		5. Employer-based programs	ACTA TDM program, guaranteed ride home
		10. Public relations and education for TDM	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			Airport Multi-modal Corridor Study

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		17. Incident management	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs
			Traffic management center on I-376 & I-279
		19. Intelligent Transportation Systems (ITS)	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs
			Traffic management center on I-376 & I-279
		23. Growth management	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
		24. Transit-oriented development policies	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
		25. Public relations and education for transportation-supportive policies	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			Airport Multi-modal Corridor Study
9	SR 60, from SR 22/30/60 underpass to I-79 (exit 60) overpass	1. Improved transit service	STV operations, Phase I, Airport Corridor and Monroeville areas
		2. Public rideshare programs	ACTA TDM program, guaranteed ride home
			ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			ACTA vanpool
		5. Employer-based programs	ACTA TDM program, guaranteed ride home
		10. Public relations and education for TDM	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			Airport Multi-modal Corridor Study
		11. Traffic signal improvements	SR 60/church Hill intersection, traffic signal
		12. Intersection/geometric improvements	TR 60 from I-79 to SR 3077, Beaver Grade Rd. to Windhaven, widen lanes

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		23. Growth management	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
		24. Transit-oriented development policies	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
		25. Public relations and education for transportation-supportive policies	ACTA comprehensive TDM program, rideshare incentives, shuttle bus, land use regulations
			Airport Multi-modal Corridor Study
10	SR 65 and I-279, from I-79 exit 66 (Emsworth-Sewickley) to Ft. Duquesne Blvd. @ Stanwix	1. Improved transit service	Ambridge Municipal PNR
		2. Public rideshare programs	Ambridge Municipal PNR
		3. Park 'n' ride and other intermodal facilities	Ambridge Municipal PNR
		6. Pedestrian facility improvements	Stadium ramps for pedestrians
			Reconstruct Ft. Duquesne Bridge pedestrian ramp and underpass from river access, under North Shore Drive, to stadium
		7. Bicycle facility improvements	Allegheny River Heritage Trail, commuter bikeway from Washington's Landing to West End Bridge
		10. Public relations and education for TDM	Airport Multi-modal Corridor Study
		12. Intersection/geometric improvements	West End Bridge, widen ramps to Rt. 65 SB
			Ohio River Blvd. from Grant St. to Riverview, in Bellevue, widen
			North approach to West End Bridge
		13. Elimination of bottlenecks	Ohio River Blvd. from Grant St. to Riverview, in Bellevue, widen
			North approach to West End Bridge
		25. PR and education for transportation-supportive policies	Airport Multi-modal Corridor Study
11	McKees Rocks Bridge, from SR 51 (Island Ave.) to Ohio River Blvd. (SR 65)	10. Public relations and education for TDM	Airport Multi-modal Corridor Study

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		11. Traffic signal improvements	McKees Rocks Bridge, intersection improvement, realign, and signs
		12. Intersection/geometric improvements	McKees Rocks Bridge, intersection improvement, realign, and signs
			Rt. 51 intersection improvement at McKees Rocks Bridge
		13. Elimination of bottlenecks	McKees Rocks Bridge, intersection improvement, realign, and signs
		25. PR and education for transportation-supportive policies	Airport Multi-modal Corridor Study
12	Fifth Avenue, from Penn Ave. to Sixth Ave. Extension	1. Improved transit	Wilkinsburg Park 'n' Ride
		2. Public rideshare program	Oakland/Pitt TDM program, ridesharing
			Wilkinsburg Park 'n' Ride
		3. Park 'n' Ride and other intermodal facilities	Wilkinsburg Park 'n' Ride
		5. Employer-based programs	Oakland/Pitt TDM program, ridesharing
		7. Bicycle facility improvements	Bike Oakland, purchase of bike racks and lockers
		10. Public relations and education for TDM	Oakland/Pitt TDM program, ridesharing
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
13	Forbes Avenue/SR 2108, from Braddock Ave. to Grant St.	1. Improved transit service	Wilkinsburg Park 'n' Ride
		2. Public rideshare program	Oakland/Pitt TDM program, ridesharing
			Wilkinsburg Park 'n' Ride
		3. Park 'n' Ride and other intermodal facilities	Wilkinsburg Park 'n' Ride
		5. Employer-based programs	Oakland/Pitt TDM program, ridesharing
		7. Bicycle facility improvements	Bike Oakland, purchase of bike racks and lockers

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		10. Public relations and education for TDM	Oakland/Pitt TDM program, ridesharing
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
14	SR 51, from I-79 exit 64 (Coraopolis) to West End Bridge overpass	10. Public relations and education for TDM	Airport Multi-modal Corridor Study
		11. Traffic signal improvements	McKees Rocks Bridge, intersection improvement, realign, and signs
			West End Circle improvements, reconstruction & realignment to allow through movements
			TR 51 signal improvements from SR 88 to McKees Rocks Bridge
		12. Intersection/geometric improvements	McKees Rocks Bridge, intersection improvement, realign, and signs
			West End Circle improvements, reconstruction & realignment to allow through movements
			Rt. 51 intersection improvement at McKees Rocks Bridge
		13. Elimination of bottlenecks	McKees Rocks Bridge, intersection improvement, realign, and signs
			West End Circle improvements, reconstruction & realignment to allow through movements
		25. PR and education for transportation-supportive policies	Airport Multi-modal Corridor Study
15	SR 51, from RR bridge @West End Circle to Weigles Hill Rd. (S of Elizabeth)	1. Improved transit service	Small Transit Vehicle operations, Phase II, North Hills and South Hills areas
			Rt. 51 PNR lot at Large
		2. Public rideshare programs	Rt. 51 PNR lot at Large
			Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		3. Park n=Ride and other intermodal facilities	Rt. 51 PNR lot at Large
		5. Employer-based programs	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		10. PR and education for travel demand management	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		11. Traffic signal improvements	Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
			West End Circle improvements, reconstruction & realignment to allow through movements
			TR 51 signal improvements from SR 88 to McKees Rocks Bridge
		12. Intersection/geometric improvements	Banksville Interchange between Rts. 51, 279 and 19, widen ramps
			Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
			Rt. 51, Payne Hill Rd. to Elliot Rd. add median and jughandle
			West End Circle improvements, reconstruction & realignment to allow through movements
			SR 51/19 intersection improvement
			Woodruff connector, construct jughandle at intersection TR 51
		13. Elimination of bottlenecks	Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
			West End Circle improvements, reconstruction & realignment to allow through movements
		20. Lane additions	West End Bypass, add lane from West End Circle to Parkway
16	SR 28, from 366 underpass, exit 14 (Tarentum) to Anderson St.	1. Improved transit service	SR 28 & 356 PNR lot
			Small Transit Vehicle operations, Phase II, north hills and South Hills areas
		2. Public rideshare programs	SR 28 & 356 PNR lot
		3. Park n=Ride and other intermodal facilities	SR 28 & 356 PNR lot
		6. Pedestrian facility improvements	Pedestrian bridge over Rt. 28

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		7. Bicycle facility improvements	Allegheny River Heritage Trail, commuter bikeway from Washington's Landing to West End Bridge
		11. Traffic signal improvements	Fox Chapel Rd., from Freeport Rd. to vicinity of SR 28 SB ramp, widen, turn lanes, signals
		12. Intersection/geometric improvements	Fox Chapel Rd., from Freeport Rd. to vicinity of SR 28 SB ramp, widen, turn lanes, signals
			SR 28 from 40 th St. Bridge to Millvale interchange
		13. Elimination of bottlenecks	Fox Chapel Rd., from Freeport Rd. to vicinity of SR 28 SB ramp, widen, turn lanes, signals
			SR 28 from 40 th St. Bridge to Millvale interchange
17	I-579, from I-279 (Parkway North) to Liberty Bridge	No congestion management strategy yet implemented	
18	West End Bridge, from Fulton St. to RR overpass @ West End Circle	1. Improved transit service	Port Authority express buses to PNR during Ft. Pitt Bridge rehab.
		2. Public rideshare programs	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		5. Employer-based programs	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		10. PR and education for travel demand management	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
			Airport Multi-modal Corridor Study
		11. Traffic signal improvements	West End Circle improvements, reconstruction & realignment to allow through movements
		12. Intersection/geometric improvements	West End Bridge, widen ramps to Rt. 65 SB
			West End Circle improvements, reconstruction & realignment to allow through movements
			North approach to West End Bridge
		13. Elimination of bottlenecks	West End Bridge, lane control for reversible lanes

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
			West End Circle improvements, reconstruction & realignment to allow through movements
			North approach to West End Bridge
		15. Reversible lanes	West End Bridge, lane control for reversible lanes
		25. PR and education for transportation-supportive policies	Airport Multi-modal Corridor Study
19	Liberty Bridge and Tunnel, from SR 51 to I-579	1. Improved public transit	Small Transit Vehicle operations, Phase II, North Hills and South Hills areas
			Rt. 51 PNR lot at Large
		2. Public rideshare programs	Exit 5 PNR at I-70 in Canton Township
			Southpointe PNR, Cecil Township
			Rt. 51 PNR lot at Large
			I-79/SR 519 PNR at Canonsburg Interchange
			Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		3. Park n=Ride and other intermodal facilities	Exit 5 PNR at I-70 in Canton Township
			Southpointe PNR, Cecil Township
			Rt. 51 PNR lot at Large
			I-79/SR 519 PNR at Canonsburg Interchange
		5. Employer-based programs	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		10. PR and education for travel demand management	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		11. Traffic signal improvements	Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
		12. Intersection/geometric improvements	Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
		13. Elimination of bottlenecks	Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
		15. Reversible lanes	Liberty Bridge lane control
		22. Transit capital improvements	First Ave. LRT station

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
20	West Liberty Ave./ Washington Rd., from SR 51 to Connor/Gilkeson Rds.	1. Improved transit service	Small Transit Vehicle operations, Phase II, North Hills and South Hills areas
		2. Public rideshare programs	Southpointe PNR, Cecil Township
			Exit 5 PNR at I-70 in Canton Township
			I-79/SR 519 PNR at Canonsburg Interchange
			Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		3. Park-n-ride and other intermodal facilities	Southpointe PNR, Cecil Township
			Exit 5 PNR at I-70 in Canton Township
			I-79/SR 519 PNR at Canonsburg Interchange
		5. Employer-based programs	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		10. PR and education for travel demand management	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		11. Traffic signal improvements	West Liberty & Banksville Rd., from TR 51 to McFarland Rd., traffic signal improvements, timing
			Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
		12. Intersection/geometric improvements	Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
		13. Elimination of bottlenecks	Liberty Tunnel South Portal, Rt. 51 at W. Liberty Ave., grade separation
		22. Transit capital improvements	First Ave. LRT station
21	Three Degree Rd/ Babcock Blvd/Peebles, from Duncan Ave./ SR 4024 to Perry Hwy./SR 19	11. Traffic signal improvements	McKnight Rd. from Nelson Run Rd. to Peebles Rd., coordinate 9 signals
		13. Elimination of bottlenecks	McKnight Rd. from Nelson Run Rd. to Peebles Rd., coordinate 9 signals
22	Siebert Rd./SR 4016 from Thompson Run Rd. to Babcock Blvd.	11. Traffic signal improvements	McKnight Rd. from Nelson Run Rd. to Peebles Rd., coordinate 9 signals
		13. Elimination of bottlenecks	McKnight Rd. from Nelson Run Rd. to Peebles Rd., coordinate 9 signals

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
23	Cochran/Greentree Rds., from I-279 (Parkway West) underpass to Washington Rd (SR 3069)	11. Traffic signal improvements	Cochran Rd. at Beverly, intersection improvements and signal replacements
		12. Intersection/geometric improvements	Cochran Rd. at Beverly, intersection improvements and signal replacements
24	SR 910, from SR 19 overpass to Nicholson Rd./SR 4049	1. Improved public transit	Warrendale PNR lot
		2. Public rideshare programs	Warrendale PNR lot
		3. Park-n-ride and other intermodal facilities	Warrendale PNR lot
		12. Intersection/geometric improvements	Rt. 910 @ Perry Highway, Church Rd. to N. Chapel Rd., widen, add turn lane and standby lanes
			Perry Highway Bridge at SR 910/Church Rd. intersection, add L turn lanes
25	I-76 (PA Turnpike), from exit 67 (Irwin) to exit 57 (Monroeville)	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
26	SR 19, from SR 228 to Pine Creek Rd. (SR 4086)	2. Public rideshare programs	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
		3. Park n-Ride and other intermodal facilities	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
		12. Intersection/geometric improvements	Rt. 910 @ Perry Highway, Church Rd. to N. Chapel Rd., widen, add turn lane and standby lanes
			Perry Highway Bridge at SR 910/Church Rd. intersection, add L turn lanes
27	Allegheny River Blvd./Butler St./Penn Ave. from Sandy Creek (SR 130) to 32 nd St.	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
28	Highland Park Bridge, from SR 28 to Washington Blvd. (SR 8)	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
29	Washington Blvd. (SR 8), from Allegheny River Blvd. (SR 130) to Penn Ave.	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
30	Negley Run Blvd. & Collins St. from Washington Blvd. (SR 8) to Penn Circle	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
31	I-376 (Parkway East), from I-279 (Parkway North) to I-76 (PA Turnpike)	1. Improved transit service	STV operations, Phase I, Airport Corridor and Monroeville areas
			Wilkinsburg Park 'n' Ride
			Alpine Village Park 'n' Ride at SR 286 and SR 22, Monroeville
		2. Public rideshare programs	Oakland/Pitt TDM program, ridesharing
			Wilkinsburg Park 'n' Ride
			Alpine Village Park 'n' Ride at SR 286 and SR 22, Monroeville
		3. Park 'n' Ride and other intermodal facilities	Wilkinsburg Park 'n' Ride
			Alpine Village Park 'n' Ride at SR 286 and SR 22, Monroeville
		5. Employer-based programs	Oakland/Pitt TDM program, ridesharing
		10. Public relations and education for TDM	Oakland/Pitt TDM program, ridesharing
		17. Incident management	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs
			Traffic management center on I-376 & I-279
			Parkway patrol, ITS
			Freeway surveillance & IM, PennLincoln Pkwy. exits 8-15, phases 2 & 3
		19. Intelligent Transportation Systems (ITS)	Freeway surveillance from turnpike to airport, TV/CB monitoring, accident investigation, message signs
			Traffic management center on I-376 & I-279
			Parkway patrol, ITS
			Freeway surveillance & IM, PennLincoln Pkwy. exits 8-15, phases 2 & 3

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
32	SR 2048 (Business 22), from I-76 (PA Turnpike) overpass to I-376 (Parkway East) Churchill ramp merge	1. Improved transit service	STV operations, Phase I, Airport Corridor and Monroeville areas
		11. Traffic signal improvements	Haymaker/Old Wm. Penn Hwy. intersection improvements, turn lane
		12. Intersection/geometric improvements	Haymaker/Old Wm. Penn Hwy. intersection improvements, turn lane
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
33	Penn Avenue/ Ardmore Blvd., from I-376 (Parkway East) overpass, exit 8 (Forest Hills) to Penn Circle East	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
34	Centre Ave, from South Highland Ave to Bigelow Blvd.	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
35	Baum & Bigelow Blvds, from South Euclid Ave. to Seventh Ave.	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
36	SR 88 (Library Rd) from Broughton Rd. to SR 51 (Saw Mill Run Blvd.)	11. Traffic signal improvements	TR 88, from School St. to Castle Shannon Blvd. (3037), widening for thru lanes, turn lanes, & signal improvements
		12. Intersection/geometric improvements	TR 88, from School St. to Castle Shannon Blvd. (3037), widening for thru lanes, turn lanes, & signal improvements
		13. Elimination of bottlenecks	TR 88, from School St. to Castle Shannon Blvd. (3037), widening for thru lanes, turn lanes, & signal improvements
		20. Lane additions	TR 88, from School St. to Castle Shannon Blvd. (3037), widening for thru lanes, turn lanes, & signal improvements
37	Beechwood Blvd/ Browns Hill Rd., from I-376 (Parkway East) to SR 837	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
38	Fifth Avenue from Grant St. to Liberty Ave.	No congestion management strategy yet implemented	

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
39	Braddock Ave/Rankin Bridge, from Forbes Ave to SR 837	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
40	Forbes Ave., from Stanwix St. to Grant St.	No congestion management strategy yet implemented	
41	SR 837, from Duquesne-McKeesport Bridge to Tenth St. Bridge	6. Pedestrian facility improvements	Three Rivers Heritage Trail, South Side
		7. Bicycle facility improvements	Three Rivers Heritage Trail, South Side
			Steel Valley Heritage Trail, commuter bikeway from near Glenwood Bridge to Clairton via McKeesport (partial)
		11. Traffic signal improvements	TR 885 & TR 837 signal improvements on Second Ave. and Carson St.
		12. Intersection/geometric improvements	SR 837 Waterfront intersection and access improvements, from 8th Ave. to East Dr.
		22. Transit capital improvements	Martin Luther King Busway extension to Swissvale
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
42	Second Ave. from Tenth St. Bridge to Grant St.	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
43	Hot Metal Bridge, from SR 837 (East Carson St.) to SR 885 (Second Ave.)	2. Public rideshare programs	Oakland/Pitt TDM program, ridesharing
		5. Employer-based programs	Oakland/Pitt TDM program, ridesharing
		10. Public relations and education for TDM	Oakland/Pitt TDM program, ridesharing
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
44	Liberty Ave. and 32 nd St., from Penn Ave. to Grant St.	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
45	SR 837 (East Carson St.) from Tenth St. Bridge to ramp from West End Circle	6. Pedestrian facility improvements	Three Rivers Heritage Trail, South Side
		7. Bicycle facility improvements	Three Rivers Heritage Trail, South Side

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		11. Traffic signal improvements	TR 885 & TR 837 signal improvements on Second Ave. and Carson St.
			West End Circle improvements, reconstruction & realignment to allow through movements
		12. Intersection/geometric improvements	West End Circle improvements, reconstruction & realignment to allow through movements
		13. Elimination of bottlenecks	West End Circle improvements, reconstruction & realignment to allow through movements
46	SR 30, from I-376 overpass, exit 8 (Forest Hills) to Allegheny/Westmoreland county line	22. Transit capital improvements	Martin Luther King Busway extension to Swissvale
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
47	SR 2040 (Buttermilk Hollow/Lebanon Church/Curry Hollow/Broughton Roads), from SR 2052 (Thompson run Rd.) to SR 88 (Library Rd.)	11. Traffic signal improvements	Lebanon Church Rd., from Rt. 51 to Buttermilk Rd., widen for L turn lane on 2040, upgrade signals
		12. Intersection/geometric improvements	Lebanon Church Rd. from Rt. 51 to Buttermilk Rd., widen for L turn lane on 2040, upgrade signals
48	[Corridor number in use]		
49	[Corridor number in use]		
50	Lebanon Road (SR 885), from Lebanon Church Rd. (SR 2040) to Mifflin Rd.	No congestion management strategy yet implemented	
51	SR 885 (Mifflin Rd., Glenfield Bridge, Second Ave.), from Lebanon Rd. to Bates St.	11. Traffic signal improvements	TR 885 & TR 837 signal improvements on Second Ave. and Carson St.
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
52	Second Ave., from Bates St. to Tenth St. Bridge	7. Bicycle facility improvements	Bike Oakland, purchase of bike racks and lockers
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
53	Bates and Bouquet Streets, from Second Ave. to Forbes Ave.	2. Public rideshare programs	Oakland/Pitt TDM program, ridesharing

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		5. Employer-based programs	Oakland/Pitt TDM program, ridesharing
		7. Bicycle facility improvements	Bike Oakland, purchase of bike racks and lockers
		10. Public relations and education for TDM	Oakland/Pitt TDM program, ridesharing
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
54	<i>Corridor number not in use</i>		
55	Tenth St. from McArdle Roadway to Second Ave.	No congestion management strategy yet implemented	
56	Smithfield Street Bridge, from Carson St. (SR 837) to Ft. Pitt Blvd.	No congestion management strategy yet implemented	
57	Boulevard of the Allies, from Bates St. to Liberty Bridge offramp	2. Public rideshare programs	Oakland/Pitt TDM program, ridesharing
		5. Employer-based programs	Oakland/Pitt TDM program, ridesharing
		7. Bicycle facility improvements	Bike Oakland, purchase of bike racks and lockers
		10. Public relations and education for TDM	Oakland/Pitt TDM program, ridesharing
		13. Elimination of bottlenecks	Blvd. of the Allies, from Liberty Bridge to Parkway ramp, widen, median barrier, lighting
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
58	Grant St., from Blvd. of the Allies to Liberty Ave.	No congestion management strategy yet implemented	
59	Liberty Ave., from Stanwix St. to Grant St.	No congestion management strategy yet implemented	
60	Blvd. of the Allies, from Liberty Bridge offramp to Stanwix St.	22. Transit capital improvements	First Ave. LRT station
61	Stanwix St., from Blvd. of the Allies to Liberty Ave.	No congestion management strategy yet implemented	
62	Craft Ave., from Fifth Ave. to Forbes Ave.	2. Public rideshare programs	Oakland/Pitt TDM program, ridesharing

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		5. Employer-based programs	Oakland/Pitt TDM program, ridesharing
		7. Bicycle facility improvements	Bike Oakland, purchase of bike racks and lockers
		10. Public relations and education for TDM	Oakland/Pitt TDM program, ridesharing
63	Steuben St., from SR 19/51 connector at W&LE RR crossing to Noble Avenue	11. Traffic signal improvements	West End Circle improvements, reconstruction & realignment to allow through movements
		12. Intersection/geometric improvements	West End Circle improvements, reconstruction & realignment to allow through movements
		13. Elimination of bottlenecks	West End Circle improvements, reconstruction & realignment to allow through movements
64	Connor/Gilkeson/ Painters Run Rds., from Bower Hill Rd. to SR 88 (Library Rd.)	No congestion management strategy yet implemented	
65	Banksville/McFarland Rds., from I-279 (Parkway West) ramp to Washington Road (SR 3069)	2. Public rideshare programs	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		5. Employer-based programs	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		10. PR and education for travel demand management	Van/carpool program to alleviate traffic during Ft. Pitt Bridge rehab.
		11. Traffic signal improvements	West Liberty & Banksville Rd. from TR 51 to McFarland Rd., traffic signal improvements, timing
		12. Intersection/geometric improvements	Banksville Interchange between Rts. 51, 279 and 19, widen ramps
			SR 51/19 intersection improvement
Armstrong County			
66	<i>Corridor number not in use</i>		
67	<i>Corridor number not in use</i>		
68	SR 1038/SR 1040/Business 422, from Business 422/Old SR 28 split to SR 268	6. Pedestrian facility improvements	Ford City Trail from Ford City to Lemon Way in Kittanning

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
			Kittanning Trail, from Manorville Bridge to Jefferson St.
			Kittanning Boro Trail
			Kittanning Trail #2, 2.3-mile trail to former Conrail ROW
		7. Bicycle facility improvements	Ford City Trail from Ford City to Lemon Way in Kittanning
			Kittanning Trail, from Manorville Bridge to Jefferson St.
			Kittanning Boro Trail
			Kittanning Trail #2, 2.3-mile trail to former Conrail ROW
		11. Traffic signal improvements	West Kittanning Boro signals, intersection SR 1038, SR 3003, Arthur St.
		12. Intersection/geometric improvements	Kittanning Bypass from Rts. 66 to 422
		13. Elimination of bottlenecks	Kittanning Bypass from Rts. 66 to 422
		18. Access management	Kittanning Bypass from Rts. 66 to 422
		21. New SOV facilities	Kittanning Bypass from Rts. 66 to 422
69	SR 66, from SR 128 to Business 422	2. Public rideshare programs	Edgewood PNR at Rt. 422 & SR 2011
		3. Park n=Ride and other intermodal facilities	Edgewood PNR at Rt. 422 & SR 2011
		6. Pedestrian facility improvements	Ford City Trail from Ford City to Lemon Way in Kittanning
			Kittanning Trail, from Manorville Bridge to Jefferson St.
			Kittanning Boro Trail
			Kittanning Trail #2, 2.3-mile trail to former Conrail ROW
		7. Bicycle facility improvements	Ford City Trail from Ford City to Lemon Way in Kittanning
			Kittanning Trail, from Manorville Bridge to Jefferson St.
			Kittanning Boro Trail

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
			Kittanning Trail #2, 2.3-mile trail to former Conrail ROW
		12. Intersection/geometric improvements	Kittanning Bypass from Rts. 66 to 422
		13. Elimination of bottlenecks	Kittanning Bypass from Rts. 66 to 422
		18. Access management	Kittanning Bypass from Rts. 66 to 422
		21. New SOV facilities	Kittanning Bypass from Rts. 66 to 422
Beaver County			
70	SR 65, from SR 68 overpass (Rochester) to I-79 overpass, Exit 66 (Emsworth/Sewickley)	1. Improved transit service	Beaver County Transit Authority purchase expansion buses
			Beaver County Transit Authority vehicle procurement, marketing plan, signs, shelters & in-vehicle ITS
			Beaver County Transit Authority service expansion
			Ambridge Municipal PNR
		2. Public rideshare programs	Ambridge Municipal PNR
		3. Park 'n' ride and other intermodal facilities	Ambridge Municipal PNR
		11. Traffic signal improvements	TR 65 & Cross St., Leetsdale, widen for turn lane, upgrade signals
		12. Intersection/geometric improvements	TR 65 & Cross St., Leetsdale, widen for turn lane, upgrade signals
			Rt. 65, Old Economy Village, widen for L turn lane
71	SR 68, from SR 60 overpass, Exit 13A (Beaver) to SR 18 (Rhode Island Ave.)	1. Improved transit service	Beaver County Transit Authority, purchase expansion buses
			Beaver County Transit Authority vehicle procurement, marketing plan, signs, shelters & in-vehicle ITS
			Beaver County Transit Authority service expansion
		11. Traffic signal improvements	Brighton/Adams, TR 68, 18 in Rochester Borough, upgrade signals
			SR 68 signals in Beaver

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
72	SR 18, from SR 588 East (Beaver Falls) to SR 68 overpass (Rochester)	1. Improved transit service	Beaver County Transit Authority, purchase expansion buses
			Beaver County Transit Authority vehicle procurement, marketing plan, signs, shelters & in-vehicle ITS
			Beaver County Transit Authority service expansion
		11. Traffic signal improvements	Brighton/Adams, TR 68, 18 in Rochester Borough, upgrade signals
Butler County			
73	SR 68 (West)/SR 356, from SR 422 overpass to McKean St.	No congestion management strategy yet implemented	
74	SR 68 (East), from SR 422 overpass to McKean St.	No congestion management strategy yet implemented	
75	I-79 from SR 228 overpass, Exit 78 (Mars/Cranberry) to Rochester Rd. (SR 4011) overpass	1. Improved transit service	Warrendale PNR lot
		2. Public rideshare programs	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
			Warrendale PNR lot
		3. Park n=Ride and other intermodal facilities	I-79 & SR 488 PNR lot, Butler County
			I-79 & SR 528 PNR lot at interchange
			Warrendale PNR lot
		12. Intersection/geometric improvements	I-79 Turnpike Connector, interchange, mainline, relocate service roads
		13. Elimination of bottlenecks	I-79 and SR 228 interchange improvements, construct missing ramps
			I-79 Turnpike Connector, interchange, mainline, relocate service roads
		17. Incident management systems	I-79 ITS, West Virginia to Erie
		19. Intelligent Transportation Systems (ITS)	I-79 ITS, West Virginia to Erie
		21. New SOV facilities	I-79 and SR 228 interchange improvements, construct missing ramps

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
			I-79 Turnpike Connector, interchange, mainline, relocate service roads
76	<i>Corridor number not in use</i>		
77	SR 422, from SR 528 overpass to Duffy Rd. overpass	2. Public rideshare programs	I-79 & SR 488 PNR lot
		3. Park n=Ride and other intermodal facilities	I-79 & SR 488 PNR lot
78	Hanson Ave. (SR 3001), from SR 8 to SR 68	No congestion management strategy yet implemented	
79	SR 68, from I-79 to SR 19	No congestion management strategy yet implemented	
80	SR 288, from SR 588 to SR 19	No congestion management strategy yet implemented	
81	SR 2004/SR 3020/SR 228, from SR 2006 (Lovi Rd.) to SR 8	12. Intersection/geometric improvements	Rochester Rd., Rt. 19 intersection, upgrade, construct R turn lane
			Freedom-Crider Safety Project, truck lane, straighten curve, improve sight distance
		13. Elimination of bottlenecks	I-79 and SR 228 interchange improvements, construct missing ramps
			SR 228 bridge over I-79, with additional lanes
			Freedom-Crider Safety Project, truck lane, straighten curve, improve sight distance
		20. Lane additions	SR 228 bridge over I-79, with additional lanes
		21. New SOV facilities	I-79 and SR 228 interchange improvements, construct missing ramps
82	SR 19, from SR 3025 (Little Creek Rd.) to SR 228	11. Traffic signal improvements	Rt. 19/N. Boundary/Glen Eden intersection upgrade, signals and turn lanes
			Rt. 19 traffic signal coordination, Cranberry Twp.
		12. Intersection/geometric improvements	Rt. 19/N. Boundary/Glen Eden intersection upgrade, signals and turn lanes
			Rochester Rd., Rt. 19 intersection, upgrade, construct R turn lane

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
			I-79 Turnpike Connector, interchange, mainline, relocate service roads
		13. Elimination of bottlenecks	I-79 and SR 228 interchange improvements, construct missing ramps
			I-79 Turnpike Connector, interchange, mainline, relocate service roads
		21. New SOV facilities	I-79 and SR 228 interchange improvements, construct missing ramps
			I-79 Turnpike Connector, interchange, mainline, relocate service roads
83	SR 8, from SR 228 (West) to SR 68 (Cunningham St.)	11. Traffic signal improvements	Butler City signal enhancement
84	SR 8, from SR 308 to SR 68 (Cunningham St.)	11. Traffic signal improvements	Butler City signal enhancement
Washington County			
85	SR 40, from I-70 overpass, Exit 15 (Chestnut St.) to SR 19/SR 40 split	12. Intersection/geometric improvements	SR 40/SR 3013 intersection improvement in Franklin Farms Mall area
86	SR 18, from SR 4020 (Oak Grove Rd.) to SR 40 (West Chestnut St.)	No congestion management strategy yet implemented	
87	SR 19, from SR 1023 (McClelland Rd.) to SR 40 (Maiden St.)	2. Public rideshare programs	Exit 5 PNR at I-70 in Canton Township
			Southpointe PNR, Cecil Township
			I-79/SR 519 PNR at Canonsburg Interchange
		3. Park n=Ride and other intermodal facilities	Exit 5 PNR at I-70 in Canton Township
			Southpointe PNR, Cecil Township
			I-79/SR 519 PNR at Canonsburg Interchange
		11. Traffic signal improvements	Rt. 19 at McClelland Rd., widen for L turns and resignalization
			Rt. 19 at Manifold Rd. widen for L turn lanes and signalization

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
			TR 19 at Weavertown Rd. widen for L turn lanes and signalization
			SR 19 safety corridor from North Ave. to mall, widen for turn lanes
		12. Intersection/geometric improvements	TR 19 at Davis School Rd., intersection improvement
			Rt. 19 at McClelland Rd., widen for L turns and resignalization
			Rt. 19 at Manifold Rd. widen for L turn lanes and signalization
			TR 19 at Weavertown Rd. widen for L turn lanes and signalization
			SR 19, from Manifold Rd. to I-70/79, study for widening and interchange reconstruction
			SR 19 safety corridor from North Ave. to mall, widen for turn lanes
		13. Elimination of bottlenecks	SR 19, from Manifold Rd. to I-70/79, study for widening and interchange reconstruction
			SR 19 safety corridor from North Ave. to mall, widen for turn lanes
Westmoreland County			
88	SR 119, from Bovar-Luxor Rd. (SR 1028) to Toll 66 overpass	6. Pedestrian facility improvements	Five Star Trail extension, Youngwood to Tarrs
		7. Bicycle facility improvements	Five Star Trail extension, Youngwood to Tarrs
		10. Public relations and education for TDM	WCTA transit marketing program
89	SR 30, from I-76 overpass to Allegheny County line	10. Public relations and education for TDM	WCTA transit marketing program
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
90	Leechburg Rd. (SR 4042/SR 4044), from SR 56 to SR 366	11. Traffic signal improvements	Craigdell Rd. intersection improvement at SR 4083, 56 & 4004, including signal improvements
			SR 56 & 780 @ Valley High School, realign HS drive, add signals and turnaround

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		12. Intersection/geometric improvements	Craigdell Rd. intersection improvement at SR 4083, 56 & 4004, including signal improvements
			SR 56 & 780 @ Valley High School, realign HS drive, add signals and turnaround
		13. Elimination of bottlenecks	Craigdell Rd. intersection improvement at SR 4083, 56 & 4004, including signal improvements
91	SR 22, from I-76 (PA Turnpike) to SR 66	1. Improved transit service	Alpine Village Park 'n' Ride at SR 286 and SR 22, Monroeville
		2. Public rideshare programs	Alpine Village Park 'n' Ride at SR 286 and SR 22, Monroeville
		3. Park 'n' ride and other intermodal facilities	Alpine Village Park 'n' Ride at SR 286 and SR 22, Monroeville
		10. Public relations and education for TDM	WCTA transit marketing program
		12. Intersection/geometric improvements	SR 22/66 interchange improvement, Delmont
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
92	SR 22, from SR 66 to Blairsville	12. Intersection/geometric improvements	SR 22/66 interchange improvement, Delmont
93	SR 66, from SR 22 to Pittsburgh St. in Delmont	12. Intersection/geometric improvements	SR 22/66 interchange improvement, Delmont
94	SR 30, from I-76 (PA Turnpike) overpass at Irwin to SR 119 underpass	10. Public relations and education for TDM	WCTA transit marketing program
		12. Intersection/geometric improvements	Rt. 30 from Walmart to Greengate Mall, add median barrier & jughandle
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
95	SR 30, from SR 30 split at Lentz St. (S of Latrobe) to SR 119 underpass	1. Improved transit service	Latrobe PNR at Westmoreland County Airport
		2. Public rideshare programs	Latrobe PNR at Westmoreland County Airport
		3. Park n=Ride and other intermodal facilities	Latrobe PNR at Westmoreland County Airport

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
		10. Public relations and education for TDM	WCTA transit marketing program
96	Old TR 30 (Pittsburgh and Otterman Streets) WB through Greensburg (SR 3030, SR 130, SR 3028) from SR 30 to SR 30	10. Public relations and education for TDM	WCTA transit marketing program
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
97	SR 356, from Butler County line to SR 56/356 split	No congestion management strategy yet implemented	
98	SR 366, from SR 28 to Second St. (SR 4087)	No congestion management strategy yet implemented	
99	SR 130, from Trafford Borough line to Jeannette City line	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
100	SR 201, from Fayette County line to Vance Dei Cas Highway (SR 3013)	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
101	SR 819, from SR 119 to Mt. Pleasant Borough line	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
102	SR 981, from Henry's Rd. (T-888) to Main St., Latrobe	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
103	SR 51 from SR 60 overpass, Exit 15 (Chippewa) to McKinley Rd. (SR 4015)	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
104	SR 356 from Weitzel Rd. to SR 8	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
105	SR 21, from I-79 overpass, Exit 14 (Waynesburg) to SR 19	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
106	SR 19, from SR 21 East to Morris St. (SR 3015)	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
107	SR 286, from Windy Ridge Rd. to East Pike Rd. (SR 1002)	25. PR and education for transportation-supportive policies	Indiana Multi-modal Mobility Study
108	Business 422 (SR 4422) & SR 422, from SR 286 to Parkwood Rd. (SR 3022)	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
109	SR 119, from SR 56 to SR 422 underpass	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
110	I-70, from I-79 North, Exit 18 to I-79 South, Exit 21	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.	
111	Old TR 30 (Pittsburgh Street) EB through Greensburg (SR 3026, SR 130, SR 3030) from SR 30 to SR 30	10. Public relations and education for TDM	WCTA transit marketing program
		25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
112	<i>Corridor number not in use</i>		
113	Penn Circle, from S. Highland Ave. to Centre Ave.	25. PR and education for transportation-supportive policies	Eastern Corridor Planning Study
114	SR 19, from Connor/Gilkeson Rds. (SR 3038) to McClelland Rd. (SR 1023)	11. Traffic signal improvements	Rt. 19 at McClelland Rd., widen for L turns and resignalization
			Washington Rd., from Connor Rd. to Abbeyville Rd., intersection improvement, signals
		12. Intersection/geometric improvements	Rt. 19 at McClelland Rd., widen for L turns and resignalization
			Washington Rd., from Connor Rd. to Abbeyville Rd., intersection improvement, signals
			Gateshead/Hidden Valley Rd. at SR 19, intersection improvement
115	SR 21, from Dixon Blvd. to SR 2040	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.	
116	SR 40, from Duck Hollow Rd. to US 119	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.	

CMP Corridor Number	Corridor Description	CMS Strategy	Project Description
117	SR 119, from Oglevee Lane to Pleasant Valley Rd. (SR 982)	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.	
118	SR 711, from SR 201 to Crawford Ave. (SR 1051)	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.	
119	SR 18, from Mahoning Ave. (SR 18) & Moravia St. (SR 168) split to Nashua Rd.	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.	
120	SR 65, from Gardner Stop Rd. to Taylor/Butler Sts. (SR 2004)	No congestion management strategy yet implemented. This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.	

**TABLE 9, COMPARISON OF TABLES 5 & 7
STRATEGIES WITH AA@LEVEL OF FEASIBILITY, NOT YET PROGRAMMED**

Strategy	Corridor
3. Park 'n' Ride and other intermodal facilities	39. Braddock Ave. and Rankin Bridge, from Forbes Ave. to SR 837 (Kennywood Blvd.)
	46. SR 30 from I-376 overpass at exit 8 (Forest Hills) to Allegheny/Westmoreland county line
6. Pedestrian information and facility improvements	64. Connor/Gilkeson/Painters Run Rds. From Bower Hill Rd. to SR 88 (Library Rd.)
	103. SR 51, from SR 60 overpass at exit 15 (Chippewa) to McKinley Road (SR 4015) [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
7. Bicycle information and facility improvements	103. SR 51, from SR 60 overpass at exit 15 (Chippewa) to McKinley Road (SR 4015) [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
	107. SR 286 from Windy Ridge Road to East Pike Road (SR 1002) [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
11. Traffic signal improvements	12. Fifth Ave., from Penn Ave. to Sixth Ave. Extension
	13. Forbes Ave. (SR 2108), from Braddock Ave. to Sixth Ave. Extension
	17. I-579 from I-279 to Liberty Bridge
	24. SR 910, from SR 19 overpass to Nicholson Road (SR 4049)
	26. SR 19, from SR 228 to Pine Creek Rd. (SR 4086)
	27. Allegheny River Blvd, Butler St. and Penn Ave., from Sandy Creek Rd. (SR 130) to 32 nd Street
	29. Washington Blvd. (SR 8), from Allegheny River Blvd. (SR 130) to Penn Ave. [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
	37. Beechwood Blvd. and Browns Hill Rd., from Greenfield Bridge to SR 837 (Eighth Ave.)
	39. Braddock Ave. and Rankin Bridge, from Forbes Ave. to SR 837 (Kennywood Blvd.)
	42. Second Ave. from Tenth Street Bridge to Grant St.
	43. Hot Metal Bridge, from SR 837 (East Carson St.) to SR 885 (Second Ave.)
	44. Liberty Ave. from 32 nd Street to Grant Street
	46. SR 30 from I-376 overpass at exit 8 (Forest Hills) to Allegheny/Westmoreland county line
	50. Lebanon Rd. (SR 885), from Lebanon Church Rd. (SSR 2040) to Mifflin Rd.
	52. Second Ave., from Bates St. to Tenth St. Bridge
	53. Bates and Bouquet Streets, from Second Ave. to Forbes Ave.
	55. Tenth Street from McArdle Roadway to Second Ave.

Strategy	Corridor
	56. Smithfield Street Bridge from Carson Street (SR 837) to Fort Pitt Blvd.
	57. Boulevard of the Allies, from Bates St. to Liberty Bridge offramp
	62. Craft Ave., from Fifth Ave. to Boulevard of the Allies (SR 885)
	69. SR 66, from SR 128 to Business 422
	78. Hanson Ave. (SR 3001), from SR 8 to SR 68
	79. SR 68, from I-79 to SR 19
	93. SR 66, from Sheffield St. (S of SR 22) to Freeport St. in Delmont
	97. SR 356, from Butler/Westmoreland County line to SR 56/356 split
	99. SR 130, from Brinton Ave. in Pitcairn to SR 4002 (Pleasant Valley Drive) [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
	100. SR 201, from Fayette Street in Fayette County to Vance DeiCas Highway (SR 3013)
	101. SR 819, from SR 119 to SR 31
	103. SR 51, from SR 60 overpass at exit 15 (Chippewa) to McKinley Road (SR 4015) [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
	104. SR 356 from Weitzel Road to SR 8 [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
	108. Business 422 (SR 4422) and SR 422, from SR 286 to Parkwood Rd. (SR 3022) [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
	109. SR 119, from SR 56 to SR 422 underpass [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
	115. SR 21, from Dixon Blvd. to SR 6040 [This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.]
	116. SR 40, from Duck Hollow Rd. to US 119 [This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.]
	117. SR 119, from Oglevee Lane to Pleasant Valley Road (SR 982)
	119. SR 18, from Mahoning Ave. (SR 18) & Moravia St. (SR 168 split) to Nashua Rd. [This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.]
	120. SR 65, from Gardner Stop Rd. to Taylor and Butler Sts (SR 2004) [This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.]
17. Incident management systems	16. SR 28, from SR 366 underpass at exit 14 (Tarentum) to Anderson Street
	17. I-579 from I-279 to Liberty Bridge
	18. West End Bridge, from Fulton St. to RR overpass @ West End Circle
	19. Liberty Bridge and Tunnel, from SR 51 overpass to Forbes Ave.

Strategy	Corridor
	25. I-76 (PA Turnpike), from exit 67 (Irwin) to exit 57 (Monroeville)
	38. Fifth Avenue, from Sixth Ave. Extension to Liberty Ave.
	40. Forbes Avenue, from Stanwix St. to Grant St.
	42. Second Ave. from Tenth Street Bridge to Grant St.
	53. Bates and Bouquet Streets, from Second Ave. to Forbes Ave.
	56. Smithfield Street Bridge from Carson Street (SR 837) to Fort Pitt Blvd.
	57. Boulevard of the Allies, from Bates St. to Liberty Bridge offramp
	58. Grant Street, from Boulevard of the Allies to Liberty Ave.
	59. Liberty Avenue, from Stanwix St. to Grant St.
	60. Boulevard of the Allies, from Liberty Bridge offramp to Stanwix St.
	61. Stanwix Street, from Boulevard of the Allies to Liberty Ave.
	62. Craft Ave., from Fifth Ave. to Boulevard of the Allies (SR 885)
	110. I-70, from I-79 North (exit 18) to I-79 South (exit 21)
18. Access management	83. SR 8, from SR 228 West to SR 68 (Cunningham Street)
	103. SR 51, from SR 60 overpass at exit 15 (Chippewa) to McKinley Road (SR 4015) [This corridor added to the CMS monitoring network in 2001. Strategies not traced prior to that year.]
19. Intelligent Transportation Systems (ITS)	7. SR 22, from Imperial exit underpass to SR 22/30/60 underpass
	12. Fifth Ave., from Penn Ave. to Sixth Ave. Extension
	16. SR 28, from SR 366 underpass at exit 14 (Tarentum) to Anderson St.
	17. I-579 from I-279 to Liberty Bridge
	18. West End Bridge, from Fulton St. to RR overpass @ West End Circle
	19. Liberty Bridge and Tunnel, from SR 51 overpass to Forbes Ave.
	25. I-76 (PA Turnpike), from exit 67 (Irwin) to exit 57 (Monroeville)
	38. Fifth Avenue, from Sixth Ave. Extension to Liberty Ave.
	40. Forbes Avenue, from Stanwix St. to Grant St.
	42. Second Avenue, from Tenth Street Bridge to Grant St.
	43. Hot Metal Bridge, from SR 837 (East Carson St.) to SR 885 (Second Ave.)
	44. Liberty Avenue, from 32 nd Street to Grant Street
	45. SR 837 (East and West Carson Street), from Tenth St. Bridge to ramp from West End Circle
	56. Smithfield Street Bridge, from Carson Street (SR 837) to Fort Pitt Blvd.
	57. Boulevard of the Allies, from Bates St. to Liberty Bridge offramp

Strategy	Corridor
	58. Grant Street, from Boulevard of the Allies to Liberty Avenue
	59. Liberty Avenue, from Stanwix Street to Grant St.
	60. Boulevard of the Allies, from Liberty Bridge offramp to Stanwix
	61. Stanwix Street, from Boulevard of the Allies to Liberty Avenue
	91. SR 22, from I-76 (PA Turnpike) to SR 66
	92. SR 22, from SR 66 to Blairsville
	110. I-70, from I-79 North (exit 18) to I-79 South (exit 21)
24. Transit-oriented development policies	20. SR 910, from SR 19 overpass to Nicholson Road (SR 4049)
	36. SR 88 (Library Road), from Broughton Road to SR 51 (Saw Mill Run Blvd.)
	38. Fifth Avenue, from Sixth Avenue Extension to Liberty Avenue
	40. Forbes Avenue, from Stanwix Street to Grant Street
	45. SR 837 (East and West Carson St.), from Tenth Street Bridge to ramp from West End Circle
	58. Grant Street, from Boulevard of the Allies to Liberty Avenue
	59. Liberty Avenue, from Stanwix Street to Grant Street
	60. Boulevard of the Allies, from Liberty Bridge offramp to Stanwix Street
	61. Stanwix Street, from Boulevard of the Allies to Liberty Avenue
	63. Steuben Street, from SR 19/51 connector at W&LE RR crossing to Noble Avenue (SR 60)
	65. Banksville and McFarland Roads, from I-279 ramp to Washington Road (SR 3069)
25. Public relations and education for transportation-supportive policies	119. SR 18, from Mahoning Ave. (SR 18) & Moravia St. (SR 168 split) to Nashua Rd. [This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.]
	120. SR 65, from Gardner Stop Rd. to Taylor and Butler Sts (SR 2004) [This corridor added to the CMS monitoring network in 2003. Strategies not traced prior to that year.]

TABLE 10, PROGRESS REPORT ON EARLY OPTIONS ANALYSIS STUDIES

Corridor #	Project name/description	Status
4,16	North Shore missing connections between I-579, I-279 & SR 28	Report was completed June 2001, recommending a strategy for connecting SR 28 to I-279.
5,6,7,8,9	Parkway West ((I-279), assess interchange needs	PennDOT has conducted an assessment of highway upgrades necessary to meet Interstate Highway standards. Airport Multi-modal Corridor Study was completed April 2003, including recommendations for widening the Parkway West by one lane in each direction and interchange improvements from the Ft. Pitt Tunnels to Beaver County, and improvements between Banksville Rd Interchange and Downtown Pittsburgh.
5,6,8	Improved transit service between Pittsburgh CBD and PIA, needs and feasibility	Airport Multi-modal Corridor Study was completed April 2003, including recommendations to expand Bus Rapid Transit beyond the current West Busway and development of an Airport Connector Light Rail.
12,13,31,57	Improved transit service between Pittsburgh CBD and East End, thru Oakland, needs and feasibility	Eastern Corridor Transit Study was completed December 2003, including recommendation of a Spine Line light rail alternative between the Pittsburgh CBD and Wilksburg through Oakland and Squirrel Hill, plus Transportation System Management alternatives for new and expanded bus service and a new incline between the Strip District and the Hill District.
12,13,25,27, 28,29,30,31, 32,33,34,35, 37,39,41,42, 43,44,46,51, 52,53,57,89, 91,94,99,113	Multi-modal transportation alternatives for eastern Allegheny County	Eastern Corridor Transit Study was completed December 2003. In addition to recommendation for a Spine Line alternative to Wilksburg, described above, the study included additional alternatives: Allegheny Valley Commuter Rail, Allegheny Valley Light Rail, East Busway Light Rail to Monroeville/Murrysville, East Busway extension to Monroeville, Spine Line to Homestead, Monongahela Valley Light Rail, Norfolk Southern Commuter Rail to Greensburg, and Transportation System Management alternatives for service expansion (new routes or increased frequency).
97	SR 356/SR28 interchange improvements at Freeport Bridge	Study was completed January 2004, recommending improved signage and ramp design at S end of bridge to facilitate problem-solving at N end.
79,80,82	Zelienople Bypass to address truck movement problems	PennDOT completed the Zelienople Area Traffic Study in May 2005, recommending improvements for safe and efficient intersection and roadway operations, with focus on semi-trucks access and circulation.
1,81,83	SR 228 (from Mars to SR 356) & SR 356 (from SR 228 to SR 28)	SPC completed an EOA report June 2000. Report included recommendations for spot improvements E of Rt. 8. Corridor W of Rt. 8 and connections between 228W and 228E are currently being studied in detail by PennDOT. A Buffalo Twp Land Use Initiative was completed June 2002. This study recommended intersection improvements as well as land use strategies.
107, 108	Borough of Indiana circulation study	Indiana Multi-modal Mobility Study was completed in 2003. This study recommended transportation and land use strategies.
87,114	Route 19 corridor, land use study for North Strabane and South Strabane Townships	This study was completed February 2005. It identified existing and projected transportation deficiencies in this rapidly developing corridor and provided a menu of management strategies.
95	US 30, from Hempfield/Unity twp line to SR 217	SPC completed an EOA report June 2000. The report concluded that land use and access management were of primary importance. A Land Use Initiative was completed June 2001, expanding upon the initial EOA report. Unity Twp adopted zoning amendments October 2001, establishing an overlay district for access management along US 30. Smart Growth Partnership of Westmoreland County is proposing a study to develop similar land use and transportation strategies for the entire Route 30 corridor across Westmoreland County.
8	SR 60, from US 22/30 to Lawrence County line, upgrade to interstate standards	SAFETEA-LU includes provision for I-376 designation of this highway, in conjunction with the Parkway West and Route 22/30. PennDOT is analyzing details of implementation.
Region-wide	20/20 Regional Transit Visioning	Study is underway; completion expected in early 2006.
Region-wide	Inventory RR facilities, assess current/future function & traffic, evaluate future commuter service	Railroad Corridor Assessment was included in scope of work for 20/20 Regional Transit Visioning Study, now underway.