

*Cumberland, Dauphin and Perry Counties, PA*  
Congestion Management Process

2017

# APPENDIX



Harrisburg Area Transportation Study

Adopted June 23, 2017

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100 Focus Corridors - Peak Vehicle Delay Per Mile of Roadway and Additional Factors

A-1 - Corridor Peak Vehicle Delay Per Mile of Roadway By Rank																								
Rank	Roadway	From Limit	To Limit	Miles	Municipality	County	Map ID	Peak Vehicle Delay				Additional Factors												
								AM Peak Vehicle Delay (sec)	PM Peak Vehicle Delay (sec)	TOD with Highest Delay	Delay Per Mile	NHS	NPM-RDS	INRIX	LOS D or Worse	TIP 2017-2020	MPMS	RTP 2040	PennDOT HCL Corridors 2010-2014	TCRPC High Priority Crash Corridors 2010-2014	CAT Transit Route	Park & Ride	Stage 3 Int.	Stage 2 Segment
66	I-283	I-83	I-76	5.67	Swatara Twp, Lower Swatara Twp	Dauphin	18	13	37	PM	6.52	Yes	Yes	Yes	No	Yes	84548	No	No	No	No	Yes	NA	1
67	PA 230	Eisenhower Blvd	Airport Connector	4.49	Highspire Borough, Lower Swatara Twp	Dauphin	65	18	27	PM	5.97	Yes	Yes	No	Yes	No		No	No	No	Yes	Yes	0	0
68	PA 581	US11/15	I-83	4.10	various	Cumberland	46	10	24	PM	5.86	Yes	Yes	No	Yes	No		No	No	No	Yes	No	0	0
69	PA 641	PA 114	I-81	16.03	various	Cumberland	48	45	89	PM	5.56	Yes	NA	NA	Yes	No		No	No	Yes	No	No	2	1
70	PA 114	PA 944	US 11	5.74	Silver Spring Twp	Cumberland	60	28	31	PM	5.40	No	Yes	part	No	No		Yes-36	No	Yes	No	Yes	2	0
71	Front St	I-81	Forster St	5.12	Harrisburg	Dauphin	77	11	27	PM	5.37	Yes	NA	NA	Yes	Yes	97392	No-18**	Yes	Yes	Yes	No	0	0
72	PA 39	Hershey Park	US 322	4.29	Derry Twp	Dauphin	59	4	21	PM	4.82	No	Yes	No	No	No		Yes-26	No	No	No	No	1	0
73	PA 944	Sunnyside Dr	PA 114	7.41	Middlesex Twp, Silver Spring Twp	Cumberland	53	35	27	AM	4.75	Yes	NA	NA	Yes	Yes	102372	Yes-36	No	No	No	No	0	0
74	US 15	I-76	PA 581	6.98	various	Cumberland	22	16	33	PM	4.75	No	part	part	Yes	No		Yes-57	No	No	Yes	No	0	0
75	PA 34/Sunnyside Dr	PA850/Landisburg Rd	PA944	12.64	Middlesex Twp, Carrol Twp	Cumberland/Perry	52	37	54	PM	4.29	No	NA	No	Yes	Yes	85655	Yes-13	No	Yes	No	No	0	0
76	US 22	Mountain Rd	Lebanon County Border	17.85	various	Dauphin	38	51	76	PM	4.26	part	Yes	No	Yes	No		No	No	Yes	No	No	1	0
77	US 11/15	I-81	US22/322	26.31	various	Cumberland/Perry	26	105	85	AM	3.98	Yes	Yes	No	Yes	Yes	69796*	Yes-31	No	No	No	No	0	0
78	PA 283	Eisenhower Blvd	Vine St	7.88	Lower Swatara Twp, Londonderry Twp	Dauphin	19	30	13	AM	3.74	Yes	Yes	No	No	Yes	19016	No	No	No	No	No	NA	0
79	I-81	PA 581	I-83	21.22	various	Cumberland/Dauphin	9	14	72	PM	3.39	Yes	part	part	No	No		No	No	Yes	Yes	No	NA	0
80	US 322	Chambers Hill Rd	US 422	6.44	various	Dauphin	40	5	21	PM	3.21	Yes	Yes	part	Yes	Yes	96198	Yes-26	No	Yes	Yes	No	1	0
81	I-81	US 11	PA 581	14.74	various	Cumberland	8	23	46	PM	3.12	Yes	part	part	Yes	Yes	90207	Yes-59	No	No	Yes	Yes	NA	0
82	Front St	US22/322	I-81	5.98	Susquehanna Twp, Middle Paxton Twp	Dauphin	76	13	18	PM	3.09	No	NA	NA	Yes	No		Yes-18	No	No	No	No	0	0
83	I-81	PA 465	US 11	16.12	various	Cumberland	7	44	36	AM	2.72	Yes	No	No	Yes	Yes	91015*	No	No	No	Yes	Yes	NA	0
84	I-81	Mountain Rd	PA 39	9.26	Lower Paxton Twp, West Hanover Twp	Dauphin	11	8	23	PM	2.49	Yes	Yes	Yes	No	Yes	106769	No	No	No	No	Yes	NA	0
85	I-76	Franklin County Border	US11	47.23	various	Cumberland	1	115	86	AM	2.43	Yes	Yes	NA	No	NA		NA	NA	NA	NA	No	NA	NA
86	PA 581	US11	US11/15	4.86	various	Cumberland	45	4	11	PM	2.29	Yes	No	No	Yes	No		No	No	No	Yes	No	0	0
87	I-76	US11	US15	19.27	various	Cumberland	2	40	40	AM	2.09	Yes	No	NA	No	NA		NA	NA	NA	NA	No	NA	NA
88	I-76	US15	I-83	6.40	Upper Allen Twp, Lower Allen Twp	Cumberland	3	6	12	PM	1.81	Yes	No	NA	No	NA		NA	NA	NA	NA	No	NA	NA
89	US 22/322	US 11/15	I-81	26.62	various	Dauphin	33	47	48	PM	1.79	Yes	part	No	No	Yes	106554	0	No	Yes	Yes	Yes	0	0
90	PA 743	I81	Hershey Park	12.52	E Hanover Twp, Derry Twp	Dauphin	69	9	22	PM	1.77	No	NA	NA	Yes	No		No	No	Yes	No	No	0	0
91	PA 581	I-81	US 11	5.10	Hampden Twp	Cumberland	44	8	8	PM	1.56	Yes	part	No	Yes	Yes	102755	No	Yes	No	Yes	No	0	0
92	I-81	PA 39	Lebanon County Border	8.82	East Hanover Twp, West Hanover Twp	Dauphin	12	4	13	PM	1.45	Yes	part	No	No	Yes	106769	No	No	No	No	No	NA	0
93	I-76	I-83	I-283	2.78	Steelton Borough, Lower Swatara Twp	Dauphin	4	2	4	PM	1.44	Yes	No	NA	No	NA		NA	NA	NA	NA	No	NA	NA
94	I-81	Franklin County Border	PA 465	36.49	various	Cumberland	6	32	52	PM	1.44	Yes	No	No	Yes	Yes	106789	Yes-8,29**	No	No	Yes	Yes	NA	0
95	US 15	York County Border	I-76	7.31	Upper Allen Twp	Cumberland	21	7	10	PM	1.33	Yes	part	No	Yes	No		No	No	No	Yes	Yes	0	0
96	I-76	I-283	Lebanon County Border	23.20	various	Dauphin	5	17	30	PM	1.29	Yes	No	NA	No	NA		NA	NA	NA	NA	No	NA	NA
97	US 22/322	Juniata County Border	US 11/15	29.71	various	Perry	32	23	27	PM	0.92	Yes	part	No	No	No		No	No	No	Yes	Yes	0	0
98	US 11/15	US22/322	Juniata County Border	33.55	various	Perry	27	17	20	PM	0.58	Yes	Yes	No	No	No		No	No	Yes	No	Yes	0	0
99	PA 283	Vine St	Lancaster County Border	13.90	Londonderry Twp, Conewago Twp	Dauphin	20	5	4	AM	0.39	Yes	No	No	No	Yes	19016	No	No	No	No	No	NA	0
100	Airport Connector	PA 283	HIA	3.83	Lower Swatara Twp	Dauphin	72	1	1	AM	0.38	Yes	Yes	No	Yes	No		Yes-61	No	No	No	Yes	0	0

Note: Table is sorted by Rank from high to low with 1 being the most congested and 100 the least.

\* Resurfacing Project

\*\* Project Added to HATS 2017 Project Tracking Table

Definitions:

AM Peak Volume Delay (Hr) - is the AM peak vehicle delay for all corridor segments in seconds (7:00 - 9:00).

PM Peak Volume Delay (Hr) - is the PM peak vehicle delay for all corridor segments in seconds (4:00 - 6:00).

TOD with Highest Delay - is the time of day (TOD) with highest delay (AM or PM)

Delay Per Mile - is the peak vehicle delay for all corridor segments (AM or PM, whichever is higher), divided by corridor roadway miles.

NHS - indicates if a corridor is on a National Highway System (NHS) roadway. Values with 'part' indicate that only part of corridor is on the NHS.

NPMRDS - indicates if a corridor is on a National Performance Management Research Dataset (NPMRDS) roadway with Travel Time Index (TTI) >= 1.4 (averaged for all Friday's in 2016). Values with 'part' indicate that only part of the corridor is on a NPMRDS roadway, and values with 'NA' indicate that no NPMRDS data is available.

INRIX - indicates if a corridor is on a INRIX roadway with Travel Time Index (TTI) >= 1.4 (averaged for all Friday's in 2016). Values with 'part' indicate that only part of the corridor is on an INRIX roadway, and values with 'NA' indicate that no INRIX data is available.

LOS D or Worse - indicates if a corridor exists on roadways with Level of Service (LOS) D or worse from the HATS Regional Travel Demand Model. The LOS was generated for model year 2040, including only projects programmed on the TIP 2017-2020.

TIP 2017-2020 - indicates if a corridor is on the same roadway as a TIP 2017-2020 project.

MPMS - is the TIP 2017-2020 project Multi-modal Project Management System (MPMS) identifier. The '\*' notation indicates a resurfacing project.

RTP 2040 - indicates if a corridor is on the same roadway as a RTP 2040 project. The '\*' notation indicates if a project was added to HATS 2017 project ranking table, and the number indicates the project ranking.

PennDOT HCL Corridors (2009 - 2014) - indicates if a corridor is on a PennDOT high crash location (HCL) corridor. HCL corridors were created by PennDOT using crash data (2009 - 2014).

TCRPC HCL Corridors (2010 - 2014) - indicates if a corridor is on a Tri-County Regional Planning Commission (TCRPC) high priority crash corridor. Crash corridors were derived from PennDOT crash data (2010 - 2014) using a combination of crash severity and crash frequency.

CAT Transit Route - indicates if a corridor is on a CAT transit route.

Park & Ride - indicates if a corridor is nearby a Park-and-Ride lot.

Stage 3 intersections - is the number of congested intersections (using both vehicle delay and volume delay performance measures) intersecting a corridor. The 'NA' (or Not Applicable) notation indicates that there are no intersections on limited access highways.

Stage 2 segments - is the number of congested roadway segments (top 100 in either vehicle delay or volume delay) along a corridor. The 'NA' (or Not Applicable) notation indicates that there are no segments on I-76.

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100 Focus Corridors - Peak Volume Delay Per Mile of Roadway and Additional Factors

A-2 - Peak Volume Delay Per Mile of Roadway By Rank																									
Rank	Roadway	From Limit	To Limit	Miles	Municipality	County	Map ID	Peak Volume Delay				Additional Factors													
								Volume Delay Per Mile	AM Peak Volume Delay (Hr)	PM Peak Volume Delay (Hr)	TOD with Highest Delay	NHS	RDS	INRIX	LOS D or Worse	TIP 2017-2020	MPMS	RTP 2040	PennDOT HCL Corridors 2010-2014	TCRPC High Priority Corridors 2010-2014	CAT Transit Route	Park & Ride	Stage 3 Int.	Stage 2 Segment	
1	I-83	PA 581	19th St	5.43	Leymore Borough, Harrisburg	Cumberland/Dauphin	14	147,709.0	21:10:45	22:53:23	PM	Yes	Yes	part	Yes	Yes	97828	No	Yes	Yes	Yes	No	NA	11	
2	I-83	19th St	I-283	3.83	Harrisburg, Swatara Twp	Dauphin	15	105,931.8	22:24:32	112:49:32	PM	Yes	Yes	Yes	No	Yes	92931	No	No	No	Yes	Yes	NA	0	
3	Front St	Forster St	I-83	0.77	Harrisburg	Dauphin	78	84,724.4	1:14:11	18:07:57	PM	Yes	NA	NA	Yes	Yes	102785	No	Yes	No	Yes	No	0	0	
4	I-83	York County Border	PA 581	3.31	various	Cumberland	13	62,583.2	57:35:25	18:13:58	AM	Yes	Yes	No	No	Yes	97828	No	No	No	No	No	NA	4	
5	I-83	I-283	Union Deposit Rd	4.22	Swatara Twp, Lower Paxton Twp	Dauphin	16	60,652.4	6:01:20	71:03:26	PM	Yes	Yes	Yes	Yes	Yes	92931	No	Yes	Yes	No	No	NA	0	
6	US 11	Franklin County Border	PA 174	2.58	Shippensburg Borough	Cumberland	28	56,055.4	3:43:35	40:06:46	PM	Yes	Yes	Yes	Yes	No		No	No	Yes	Yes	No	1	0	
7	PA 641	I-81	US 11	3.02	Carlisle Borough, S Middletown Twp	Cumberland	49	51,671.4	6:13:25	43:16:47	PM	part	part	part	Yes	No		No	Yes	Yes	Yes	No	2	2	
8	Sporting Hill Rd	Carlisle Pike	PA 641	1.59	Hampden Twp	Cumberland	87	51,208.4	3:01:25	22:38:50	PM	No	NA	NA	Yes	No		Yes-27,46	Yes	No	part	No	2	2	
9	Carlisle Pike	PA 581	US11/15	4.76	Hampden Twp	Cumberland	73	49,639.6	14:24:42	65:40:50	PM	Yes	NA	NA	Yes	No		Yes-46,47,48	Yes	No	Yes	Yes	No	4	4
10	Poplar/Erford/21st St	US11/15 (21st St)	US11/15 (Erford Rd)	2.88	East Pennsboro Twp	Cumberland	84	44,014.1	11:05:29	35:09:04	PM	No	NA	NA	Yes	No		Yes-30	No	Yes	Yes	Yes	No	2	3
11	US 322	US 422	Lebanon County Border	9.36	Derry Twp	Dauphin	41	43,034.9	33:14:01	111:53:02	PM	Yes	Yes	part	Yes	No		Yes-2,26	Yes	No	No	No	No	4	5
12	US 11 (Carlisle Pk)	PA 114	PA 581	5.22	Silver Spring Twp, Hampden Twp	Cumberland	31	41,305.5	10:13:00	59:52:42	PM	Yes	part	part	Yes	No		No	Yes	No	Yes	Yes	1	1	
13	PA 641	US 15 / PA 581	PA 114	9.16	Mechanicsburg Borough, Hampden Twp	Cumberland	47	40,994.8	22:36:16	104:15:31	PM	Yes	part	part	Yes	No		Yes-54	No	No	Yes	No	7	5	
14	US 22	I-83	Mountain Rd	5.28	Lower Paxton Twp	Dauphin	37	40,160.5	4:07:12	58:54:17	PM	Yes	Yes	Yes	Yes	Yes	82356	No	No	No	Yes	No	3	2	
15	I-83	Union Deposit	I-81	5.46	Lower Paxton Twp	Dauphin	17	38,597.0	10:19:16	58:29:29	PM	Yes	Yes	Yes	No	Yes	70024	No	Yes	Yes	No	No	NA	2	
16	US 11/15	PA 581	21st St	4.26	Camp Hill Borough	Cumberland	23	37,331.7	11:12:24	44:13:20	PM	Yes	Yes	Yes	Yes	No		No	No	Yes	Yes	Yes	3	2	
17	Market St	US11/15	Market St Bridge	5.30	Lemoynne Borough, Camp Hill Borough	Cumberland	74	34,069.7	11:55:43	50:10:31	PM	Yes	NA	NA	Yes	No		No	No	No	Yes	No	4	3	
18	Derry St	29th St	63rd St	6.74	Paxtang Borough, Swatara Twp	Dauphin	91	33,760.1	12:10:42	63:11:17	PM	No	NA	NA	Yes	Yes	102378	No	No	No	Yes	No	2	2	
19	Bridge/3rd St	Market St	York County Border	4.70	Lemoynne Borough, New Cumberland Borough	Cumberland	86	33,069.9	17:44:23	43:09:57	PM	Yes	NA	NA	Yes	No		No	No	No	Yes	Yes	1	0	
20	PA 230 (Cameron St)	US 22	Paxton St	3.93	Harrisburg	Dauphin	63	32,685.3	10:13:42	35:39:17	PM	Yes	Yes	Yes	Yes	Yes	92931	No	Yes	Yes	Yes	No	2	2	
21	PA 34	I-81	US 11	1.76	Carlisle Borough	Cumberland	51	32,235.7	1:58:07	15:47:14	PM	Yes	Yes	Yes	Yes	No		No	Yes	Yes	Yes	No	2	2	
22	Union Deposit Rd	25th St	Rutherford Rd	5.59	various	Dauphin	88	31,365.6	13:36:27	48:43:13	PM	part	NA	NA	Yes	Yes	70024	No	Yes	Yes	Yes	Yes	2	2	
23	PA 39	Progress Ave	Mountain Rd	7.24	Susquehanna Twp, Lower Paxton Twp	Dauphin	57	31,252.5	12:40:07	62:49:00	PM	No	part	part	Yes	No		Yes-32,46	No	No	part	No	2	2	
24	I-81	I-83	Mountain Rd	4.81	Lower Paxton Twp	Dauphin	10	30,579.6	5:53:02	40:50:43	PM	Yes	Yes	Yes	Yes	Yes	90204	No	No	No	No	No	NA	0	
25	Market St	25th St	PA 230 (Cameron St)	3.17	Harrisburg	Dauphin	92	30,085.2	4:55:32	26:28:46	PM	Yes	NA	NA	No	No		No	Yes	Yes	Yes	No	1	0	
26	PA 39	Front St	Progress Ave	4.53	Susquehanna Twp	Dauphin	56	29,175.7	10:24:42	36:40:34	PM	part	Yes	No	Yes	No		Yes-32,33	No	No	Yes	Yes	2	2	
27	Progress Ave	I-81	US 22	2.19	Susquehanna Twp	Dauphin	82	28,813.4	3:32:16	17:30:35	PM	No	NA	NA	Yes	No		Yes-22	Yes	Yes	Yes	No	2	0	
28	Paxton St	I-83/Front St	Eisenhower Blvd	6.33	Harrisburg, Swatara Twp	Dauphin	89	28,614.5	18:46:59	50:17:58	PM	Yes	NA	NA	Yes	Yes	106547	No	Yes	Yes	Yes	Yes	3	1	
29	Chestnut / Mulberry / Derry	Front St	29th St	4.77	Harrisburg	Dauphin	90	25,802.5	10:58:38	34:11:19	PM	part	NA	NA	Yes	Yes	102378	No	Yes	Yes	Yes	No	2	2	
30	Simpson Ferry Rd	PA 114	US 15	8.22	various	Cumberland	95	25,301.0	12:56:35	57:46:45	PM	No	NA	NA	Yes	No		Yes-54	Yes	No	Yes	Yes	4	4	
31	Market St	PA 230	Front St	0.98	Harrisburg	Dauphin	93	24,569.0	4:52:12	6:39:51	PM	Yes	NA	NA	Yes	No		No	Yes	Yes	Yes	No	1	0	
32	PA 581	US11/15	I-83	4.10	various	Cumberland	46	24,129.4	9:34:36	27:27:30	PM	Yes	Yes	No	Yes	No		No	No	No	Yes	No	0	0	
33	US 11	PA 465	I-81	14.44	Carlisle Borough, Middlesex Twp	Cumberland	29	23,606.6	29:04:32	94:41:56	PM	part	part	part	Yes	Yes	106564	No	Yes	Yes	Yes	No	4	4	
34	Forster/HT Bridge	7th St	US11/15	5.85	various	Dauphin	100	23,017.8	7:18:28	37:23:37	PM	Yes	NA	NA	Yes	No		No	Yes	Yes	Yes	No	1	1	
35	US 22	I-81	PA 230	2.63	Harrisburg	Dauphin	34	22,634.5	11:22:15	16:33:58	PM	Yes	No	No	Yes	Yes	97254	No	Yes	Yes	Yes	No	0	0	
36	US 422	US 322	PA 743	4.81	Derry Twp	Dauphin	42	22,312.5	5:03:41	29:48:52	PM	Yes	Yes	No	Yes	No		Yes-26	Yes	No	Yes	Yes	1	0	
37	7th St	Division St	State St Bridge	1.91	Harrisburg	Dauphin	79	22,230.1	5:14:06	11:47:42	PM	part	NA	NA	No	No		No	Yes	No	Yes	No	1	1	
38	US 22	Herr St	I-83	4.91	various	Dauphin	36	22,089.4	6:37:57	30:07:43	PM	Yes	Yes	Yes	Yes	Yes	97392	Yes-22	Yes	Yes	Yes	No	2	1	
39	2nd St	I-83	Forster St	1.11	Harrisburg	Dauphin	98	21,368.4	6:36:51	5:14:52	AM	Yes	NA	NA	Yes	Yes	106549	No	Yes	Yes	Yes	No	0	0	
40	Progress Ave	US 22	Paxton St	4.52	various	Dauphin	83	21,212.5	5:44:40	26:39:36	PM	No	NA	NA	Yes	No		Yes-22	Yes	Yes	No	No	2	1	
41	Center St/East Penn Dr	PA 944	21st St	5.42	East Pennsboro Twp	Cumberland	85	17,568.0	7:58:03	26:26:13	PM	No	NA	NA	Yes	No		Yes-30,41	No	No	part	No	1	1	
42	PA 114	PA 641	US 15	5.60	Mechanicsburg Borough, Upper Allen Twp	Cumberland	62	17,507.5	12:07:16	27:12:44	PM	No	part	No	Yes	Yes	97279	No	Yes	No	No	No	2	2	
43	I-283	I-83	I-76	5.67	Swatara Twp, Lower Swatara Twp	Dauphin	18	17,374.6	8:28:06	27:20:35	PM	Yes	Yes	Yes	No	Yes	84548	No	No	No	No	Yes	NA	1	
44	US 322	I-83	Chambers Hill Rd	7.77	Swatara Twp	Dauphin	39	16,955.7	10:01:02	36:36:29	PM	Yes	Yes	Yes	Yes	Yes	92945	No	No	Yes	No	Yes	2	0	
45	Progress Ave	PA 39	I-81	4.51	Susquehanna Twp	Dauphin	81	16,950.0	5:37:23	21:13:18	PM	No	NA	NA	Yes	No		Yes-32	No	Yes	Yes	No	2	0	
46	PA 114	US 11	PA 641	5.83	Silver Spring Twp, Mechanicsburg Borough	Cumberland	61	15,406.4	5:21:17	24:55:57	PM	part	Yes	No	Yes	No		No	No	No	No	No	0	0	
47	US 422	PA 743	Lebanon County Border	4.77	Derry Twp	Dauphin	43	15,377.8	6:20:02	20:22:39	PM	Yes	Yes	No	Yes	Yes	106333*	No	Yes	No	No	No	1	0	
48	Mountain Rd	PA 39	US22	3.01	Lower Paxton Twp	Dauphin	80	14,583.3	3:35:53	12:12:38	PM	No	NA	NA	No	No		No	No	No	Yes	Yes	0	0	
49	PA 174	US 11	I-81	3.71	Shippensburg Twp	Cumberland	68	13,874.5	1:48:31	14:18:30	PM	Yes	NA	NA	Yes	No		Yes-8	No	No	Yes	Yes	0	0	
50	I-81	PA 581	I-83	21.22	various	Cumberland/Dauphin	9	13,717.6	11:35:27	80:52:15	PM	Yes	part	part	No	No		No	No	Yes	Yes	No	NA	0	
51	PA 230	Paxton St	Eisenhower Blvd	10.40	Harrisburg, Steelton Borough	Dauphin	64	13,066.4	16:36:11	37:44:49	PM	Yes	Yes	No	Yes	Yes	97392	Yes-62	Yes	Yes	Yes	No	0	0	
52	US 15	I-76	PA 581	6.98	various	Cumberland	22	12,560.8	9:27:48	24:21:19	PM	Yes	part	part	Yes	No		Yes-57	No	No	Yes	No	0	0	
53	State St/Walnut St	US22	Front St	5.10	Harrisburg, PennBrook Borough	Dauphin	75	11,993.6	6:33:17	17:00:11	PM	Yes	NA	NA	Yes	No		No	Yes	Yes	Yes	No	3	0	
54	PA 34	PA 94	I-81	12.32	various	Cumberland	50	11,484.5	18:36:34	39:17:30	PM	No	part	No	Yes	No		Yes-20,28	Yes	Yes	No	No	1	1	
55	US 11/15	21st St	Front St	1.83	Lemoynne, Wormleysburg Borough	Cumberland	24	10,960.0	3:47:30	5:33:27	PM	Yes	Yes	Yes	No	No		No	No	Yes	Yes	No	0	0	
56	PA 743	Hershey Park Dr	US 322	4.76	Derry Twp	Dauphin	70	10,934.2	4:33:33	14:28:10	PM	No	NA	NA	Yes	No		No	Yes	Yes	part	Yes	1	0	
57	I-81	US 11	PA 581	14.74	various	Cumberland	8	10,636.0	17:31:29	43:32:26	PM	Yes	part	part	Yes	Yes	90207	Yes-59	No	No	Yes	Yes	NA	0	
58	PA 230	Airport Connector	Vine St	3.52	Lower Swatara Twp, Middletown Borough	Dauphin	66	10,591.3	3:48:09	10:22:12	PM	Yes	Yes	No	Yes	No		No	No	No	Yes	Yes	0	0	
59	Gettysburg Rd/Hummel Ave.	US 15	3rd St	5.03	Lower Allen Twp, Lemoynne Borough	Cumberland	96	10,385.6	10:04:47	14:30:07	PM	No	NA	NA	Yes	No		Yes-23,42	No	No	Yes	No	0	0	
60	Nyes Rd	Old Jonestown	US 322	10.02	Lower Paxton Twp, Swatara Twp	Dauphin	99	10,280.3	8:33:56	28:37:29	PM	No	NA	NA	No	No		No	No	Yes	No	No	0	0	
61	PA 39	I-81	Hershey Park	12.10	various	Dauphin	58	10,130.2	9:43:02	34:02:40	PM	No	NA	No	Yes	No		No	No	No	No	No	3	0	
62	Market St Bridge	Front St	End of Bridge	1.45	Harrisburg	Dauphin	94	9,875.6	2:04:26	3:58:44	PM	Yes	NA	NA	Yes	Yes									

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100 Focus Corridors - Peak Volume Delay Per Mile of Roadway and Additional Factors

A-2 - Peak Volume Delay Per Mile of Roadway By Rank																								
Rank	Roadway	From Limit	To Limit	Miles	Municipality	County	Map ID	Peak Volume Delay				Additional Factors												
								Volume Delay Per Mile	AM Peak Volume Delay (Hr)	PM Peak Volume Delay (Hr)	TOD with Highest Delay	NHS	RDS	INRIX	LOS D or Worse	TIP 2017-2020	MPMS	RTP 2040	PennDOT HCL Corridors 2010-2014	TCRPC High Priority Crash Corridors 2010-2014	CAT Transit Route	Park & Ride	Stage 3 Int.	Stage 2 Segment
66	PA 743	US 322	Lancaster County Border	12.84	Derry Twp, Conewago Twp	Dauphin	71	7,969.8	13:28:11	28:25:02	PM	No	NA	NA	Yes	No		No-43**	No	No	No	No	3	3
67	PA 283	Eisenhower Blvd	Vine St	7.88	Lower Swatara Twp, Londonderry Twp	Dauphin	19	7,814.7	17:06:23	9:10:04	AM	Yes	Yes	No	No	Yes	19016	No	No	No	No	No	NA	0
68	I-81	Mountain Rd	PA 39	9.26	Lower Paxton Twp, West Hanover Twp	Dauphin	11	7,355.7	4:56:38	18:55:45	PM	Yes	Yes	Yes	No	Yes	106769	No	No	No	No	Yes	NA	0
69	US 11	I-81	PA 114	11.07	Middlesex Twp, Silver Spring Twp	Cumberland	30	7,347.8	11:04:41	22:35:05	PM	Yes	Yes	No	No	No		No	No	No	Yes	No	1	1
70	PA 581	US11	US11/15	4.86	various	Cumberland	45	7,109.8	2:31:50	9:36:24	PM	Yes	No	No	Yes	No		No	No	No	Yes	No	0	0
71	PA 230	Eisenhower Blvd	Airport Connector	4.49	Highspire Borough, Lower Swatara Twp	Dauphin	65	6,982.7	4:51:11	8:42:42	PM	Yes	Yes	No	Yes	No		No	No	No	Yes	Yes	0	0
72	I-81	PA 465	US 11	16.12	various	Cumberland	7	6,894.9	30:37:57	30:52:27	PM	Yes	No	No	Yes	Yes	91015*	No	No	No	Yes	Yes	NA	0
73	PA 114	PA 944	US 11	5.74	Silver Spring Twp	Cumberland	60	6,530.1	7:23:32	10:24:35	PM	No	Yes	part	No	No		Yes-36	No	Yes	No	Yes	2	0
74	Front St	I-81	Forster St	5.12	Harrisburg	Dauphin	77	6,453.4	2:53:06	9:10:11	PM	Yes	NA	NA	Yes	Yes	97392	No-18**	Yes	Yes	Yes	No	0	0
75	US 322	Chambers Hill Rd	US 422	6.44	various	Dauphin	40	6,446.6	2:20:56	11:31:39	PM	Yes	Yes	part	Yes	Yes	96198	Yes-26	No	Yes	Yes	No	1	0
76	2nd St	Forster St	Division St	1.98	Harrisburg	Dauphin	97	5,555.7	1:06:23	3:03:10	PM	Yes	NA	NA	Yes	No		No	Yes	Yes	Yes	No	0	0
77	I-76	US15	I-83	6.40	Upper Allen Twp, Lower Allen Twp	Cumberland	3	5,226.2	4:04:51	9:17:51	PM	Yes	No	NA	No	NA		NA	NA	NA	NA	No	NA	NA
78	US 22	PA 230	Herr St	2.17	Harrisburg, Susquehanna Twp	Dauphin	35	5,069.1	1:42:31	3:03:10	PM	Yes	Yes	Yes	Yes	No		No	Yes	Yes	No	No	0	0
79	PA 39	Hershey Park	US 322	4.29	Derry Twp	Dauphin	59	5,062.1	1:00:45	6:01:57	PM	No	Yes	No	No	No		Yes-26	No	No	No	No	1	0
80	I-76	I-83	I-283	2.78	Steelton Borough, Lower Swatara Twp	Dauphin	4	4,980.4	1:39:37	3:50:51	PM	Yes	No	NA	No	NA		NA	NA	NA	NA	No	NA	NA
81	I-76	US11	US15	19.27	various	Cumberland	2	4,762.3	20:42:34	25:29:40	PM	Yes	No	NA	No	NA		NA	NA	NA	NA	No	NA	NA
82	PA 641	PA 114	I-81	16.03	various	Cumberland	48	4,736.6	9:05:53	21:05:28	PM	Yes	NA	NA	Yes	No		No	No	Yes	No	No	2	1
83	I-76	Franklin County Border	US11	47.23	various	Cumberland	1	4,531.6	59:27:05	55:41:21	AM	Yes	Yes	NA	No	NA		NA	NA	NA	NA	No	NA	NA
84	PA 34/Sunnyside Dr	PA850/Landisburg Rd	PA944	12.64	Middlesex Twp, Carrol Twp	Cumberland/Perry	52	4,530.4	9:31:49	15:54:24	PM	No	NA	No	Yes	Yes	85655	Yes-13	No	Yes	No	No	0	0
85	PA 944	PA 114	I-81	6.98	Silver Spring Twp, Hampden Twp	Cumberland	54	4,457.8	6:33:40	8:38:17	PM	No	NA	NA	No	Yes	102372	No	No	Yes	No	No	0	0
86	I-81	PA 39	Lebanon County Border	8.82	East Hanover Twp, West Hanover Twp	Dauphin	12	4,323.9	2:24:09	10:35:32	PM	Yes	part	No	No	Yes	106769	No	No	No	No	No	NA	0
87	US 22/322	US 11/15	I-81	26.62	various	Dauphin	33	4,253.6	25:18:14	31:27:15	PM	Yes	part	No	No	Yes	106554	Yes-51,64,32	No	Yes	Yes	Yes	0	0
88	US 11/15	I-81	US22/322	26.31	various	Cumberland/Perry	26	3,984.6	25:01:33	29:07:29	PM	Yes	Yes	No	Yes	Yes	69796*	Yes-31	No	No	No	No	0	0
89	PA 944	Sunnyside Dr	PA 114	7.41	Middlesex Twp, Silver Spring Twp	Cumberland	53	3,868.2	7:57:30	7:00:21	AM	No	NA	NA	Yes	Yes	102372	Yes-36	No	No	No	No	0	0
90	PA 581	I-81	US 11	5.10	Hampden Twp	Cumberland	44	3,739.3	4:19:40	5:17:37	PM	Yes	part	No	Yes	Yes	102755	No	Yes	No	Yes	No	0	0
91	I-76	I-283	Lebanon County Border	23.20	various	Dauphin	5	3,621.3	10:25:44	23:19:57	PM	Yes	No	NA	No	NA		NA	NA	NA	NA	No	NA	NA
92	I-81	Franklin County Border	PA 465	36.49	various	Cumberland	6	3,104.5	15:35:02	31:28:06	PM	Yes	No	No	Yes	Yes	106789	Yes-8,29**	No	No	Yes	Yes	NA	0
93	US 22	Mountain Rd	Lebanon County Border	17.85	various	Dauphin	38	2,945.9	7:34:28	14:36:21	PM	part	Yes	No	Yes	No		No	No	Yes	No	No	1	0
94	US 15	York County Border	I-76	7.31	Upper Allen Twp	Cumberland	21	2,738.1	3:20:10	5:33:34	PM	Yes	part	No	Yes	No		No	No	No	Yes	Yes	0	0
95	PA 743	I81	Hershey Park	12.52	E Hanover Twp, Derry Twp	Dauphin	69	2,029.0	2:27:56	7:03:31	PM	No	NA	NA	Yes	No		No	No	Yes	No	No	0	0
96	Front St	US22/322	I-81	5.98	Susquehanna Twp, Middle Paxton Twp	Dauphin	76	1,478.0	1:24:03	2:27:12	PM	No	NA	NA	Yes	No		Yes-18	No	No	No	No	0	0
97	US 22/322	Juniata County Border	US 11/15	29.71	various	Perry	32	898.2	5:12:26	7:24:44	PM	Yes	part	No	No	No		No	No	No	Yes	Yes	0	0
98	PA 283	Vine St	Lancaster County Border	13.90	Londonderry Twp, Conewago Twp	Dauphin	20	552.1	2:07:51	2:03:36	AM	Yes	No	No	No	Yes	19016	No	No	No	No	No	NA	0
99	US 11/15	US22/322	Juniata County Border	33.55	various	Perry	27	522.1	3:24:01	4:51:54	PM	Yes	Yes	No	No	No		No	No	Yes	No	Yes	0	0
100	Airport Connector	PA 283	HIA	3.83	Lower Swatara Twp	Dauphin	72	187.8	0:11:58	0:08:10	AM	Yes	Yes	No	Yes	No		Yes-61	No	No	No	Yes	0	0

Note: Table is sorted by Rank from high to low with 1 being the most congested and 100 the least.

\* Resurfacing Project

\*\* Project Added to HATS 2017 Project Tracking Table

Definitions:

Volume Delay Per Mile of Roadway - is the peak vehicle delay (AM or PM, whichever is higher) multiplied by peak hour volume for all corridor segments, divided by corridor roadway miles.

AM Peak Volume Delay (Hr) - is the AM peak hour volume delay for all corridor segments in hours (7:00 - 9:00).

PM Peak Volume Delay (Hr) - is the PM peak hour volume delay for all corridor segments in hours (4:00 - 6:00).

TOD with Highest Delay - is the time of day (TOD) with highest delay (AM or PM)

NHS - indicates if a corridor is on a National Highway System (NHS) roadway. Values with 'part' indicate that only part of corridor is on the NHS.

NPMRDS - indicates if a corridor is on a National Performance Management Research Dataset (NPMRDS) roadway with Travel Time Index (TTI) >= 1.4 (averaged for all Friday's in 2016). Values with 'part' indicate that only part of the corridor is on a NPMRDS roadway, and values with 'NA' indicate that no NPMRDS data is available.

INRIX - indicates if a corridor is on a INRIX roadway with Travel Time Index (TTI) >= 1.4 (averaged for all Friday's in 2016). Values with 'part' indicate that only part of the corridor is on an INRIX roadway, and values with 'NA' indicate that no INRIX data is available.

LOS D or Worse - indicates if a corridor exists on roadways with Level of Service (LOS) D or worse from the HATS Regional Travel Demand Model. The LOS was generated for model year 2040, including only projects programmed on the TIP 2017-2020.

TIP 2017-2020 - indicates if a corridor is on the same roadway as a TIP 2017-2020 project.

MPMS - is the TIP 2017-2020 project Multi-modal Project Management System (MPMS) identifier. The '\*' notation indicates a resurfacing project.

RTP 2040 - indicates if a corridor is on the same roadway as a RTP 2040 project. The '\*' notation indicates if a project was added to HATS 2017 project ranking table, and the number indicates the project ranking.

PennDOT HCL Corridors (2009 - 2014) - indicates if a corridor is on a PennDOT high crash location (HCL) corridor. HCL corridors were created by PennDOT using crash data (2009 - 2014).

TCRPC HCL Corridors (2010 - 2014) - indicates if a corridor is on a Tri-County Regional Planning Commission (TCRPC) high priority crash corridor. Crash corridors were derived from PennDOT crash data (2010 - 2014) using a combination of crash severity and crash frequency.

CAT Transit Route - indicates if a corridor is on a CAT transit route.

Park & Ride - indicates if a corridor is nearby a Park-and-Ride lot.

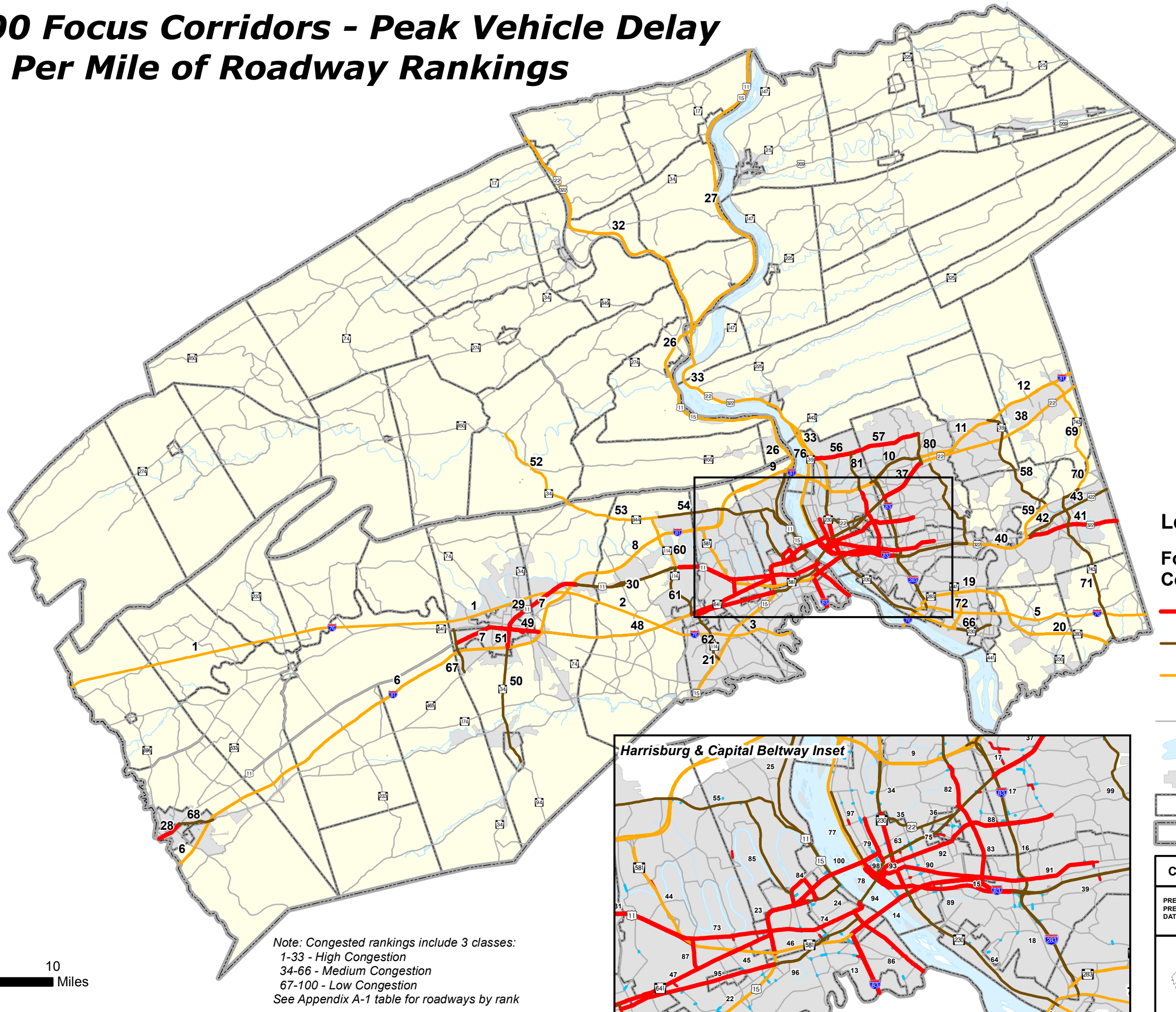
Stage 3 intersections - is the number of congested intersections (using both vehicle delay and volume delay performance measures) intersecting a corridor. The 'NA' (or Not Applicable) notation indicates that there are no intersections on limited access highways.

Stage 2 segments - is the number of congested roadway segments (top 100 in either vehicle delay or volume delay) along a corridor. The 'NA' (or Not Applicable) notation indicates that there are no segments on I-76.

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# (A-3) 100 Focus Corridors - Peak Vehicle Delay Per Mile of Roadway Rankings



## Legend

### Focus Corridor Congestion Rankings

- High
- Medium
- Low

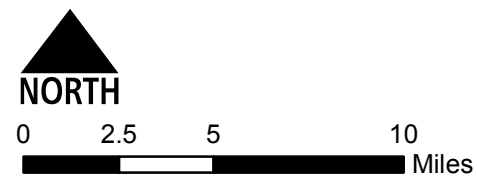
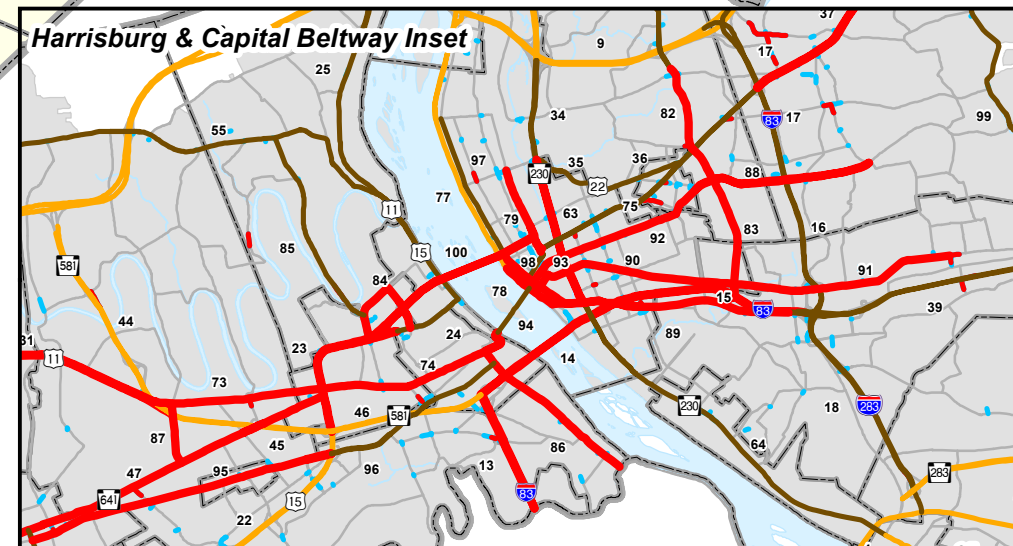
- PennDOT Roadways
- Rivers and Major Streams
- Urbanized Areas 2010
- Municipal Boundaries
- County Boundaries

### Congestion Management Process Plan

PREPARED DATE: MAY 2017  
 PREPARED BY: TRI-COUNTY REGIONAL PLANNING COMMISSION  
 DATA SOURCE: Tomtom, PennDOT, MB, TCRPC



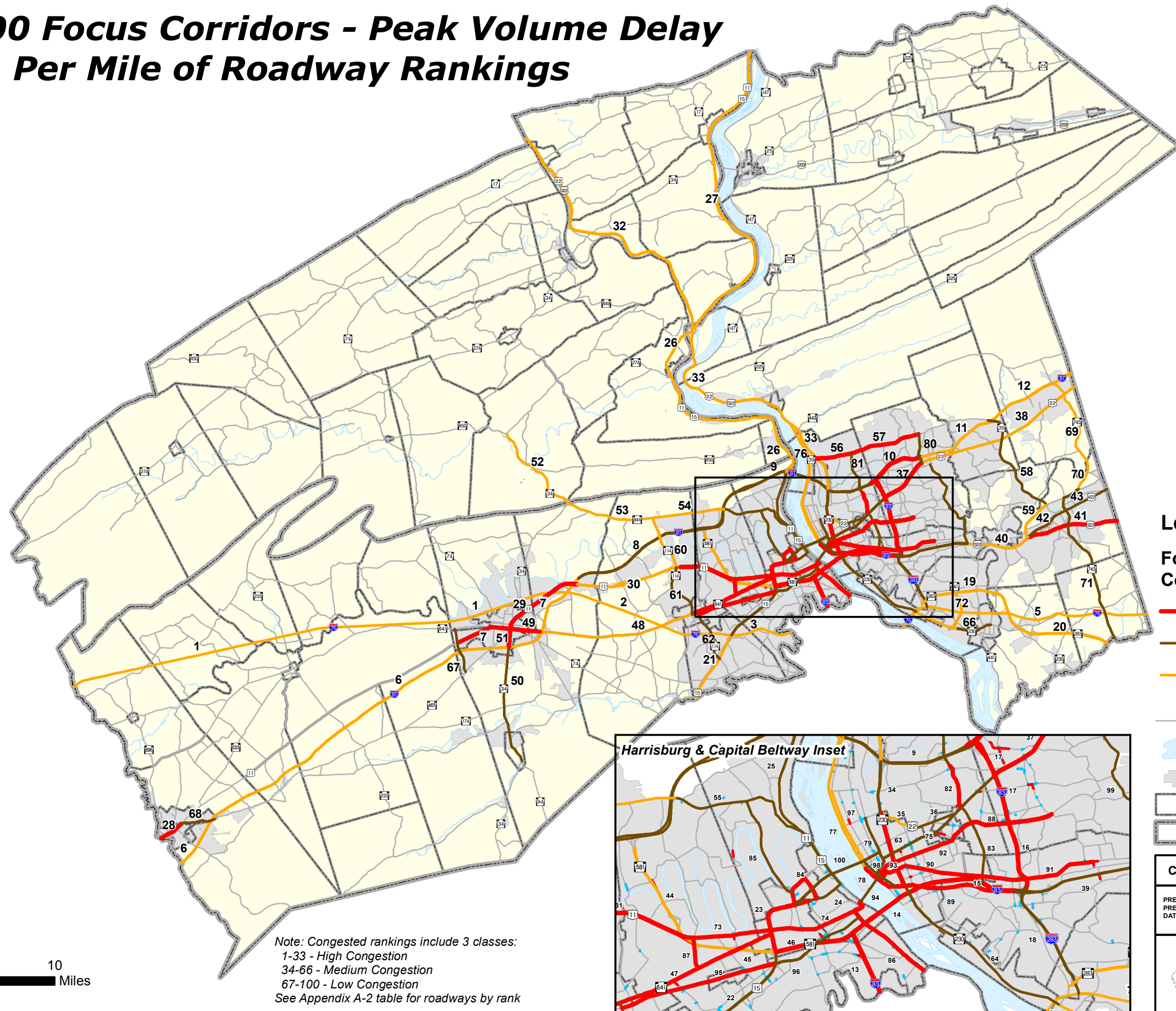
Note: Congested rankings include 3 classes:  
 1-33 - High Congestion  
 34-66 - Medium Congestion  
 67-100 - Low Congestion  
 See Appendix A-1 table for roadways by rank



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# (A-4) 100 Focus Corridors - Peak Volume Delay Per Mile of Roadway Rankings



## Legend

### Focus Corridor Congestion Rankings

- High
- Medium
- Low
- PennDOT Roadways
- Rivers and Major Streams
- Urbanized Areas 2010
- Municipal Boundaries
- County Boundaries

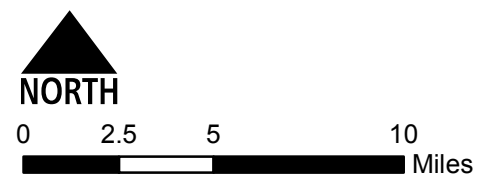
### Congestion Management Process Plan

PREPARED DATE: APRIL 2017  
 PREPARED BY: TRI-COUNTY REGIONAL PLANNING COMMISSION  
 DATA SOURCE: Tomtom, PennDOT, MB, TCRPC



**HARRISBURG  
 AREA  
 TRANSPORTATION  
 STUDY**

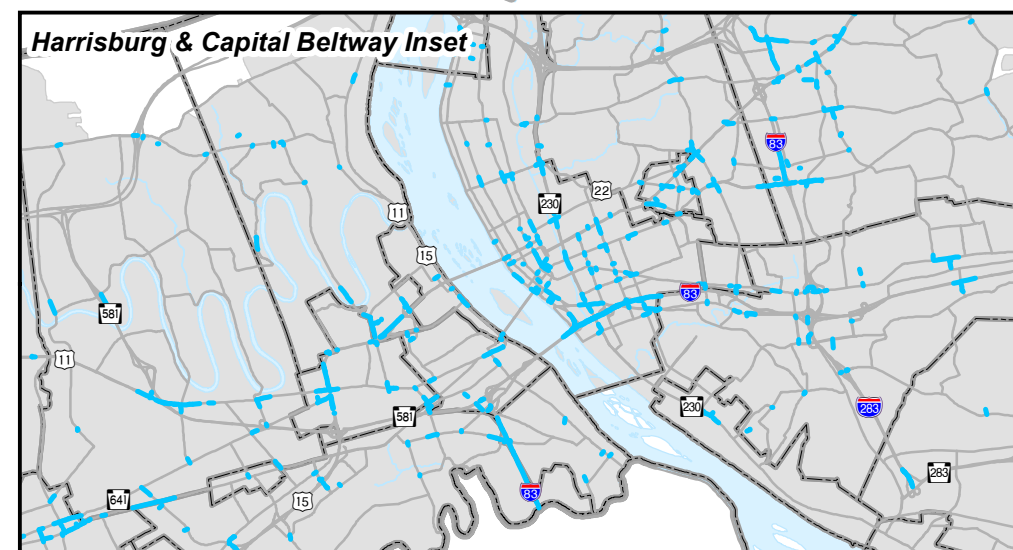
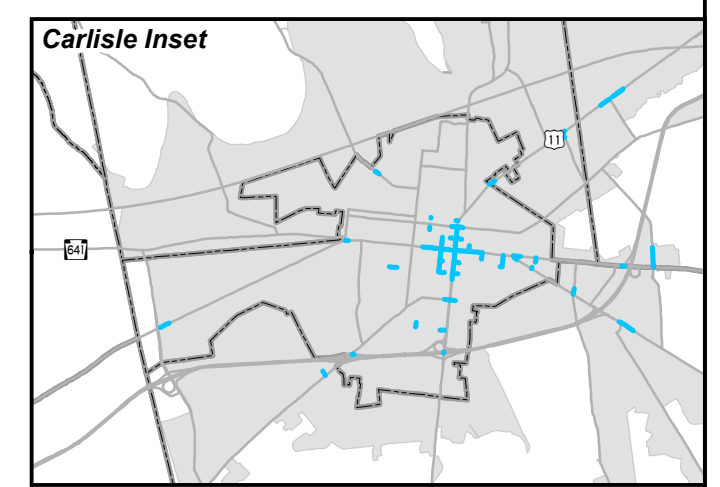
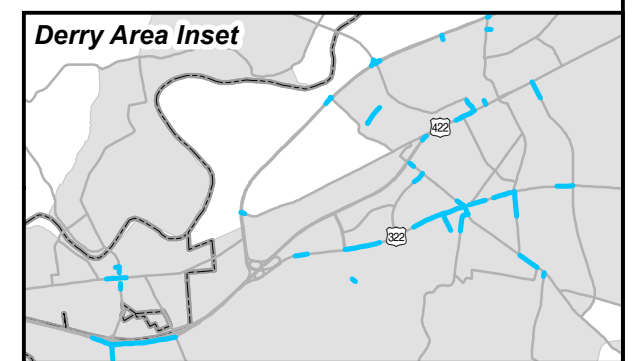
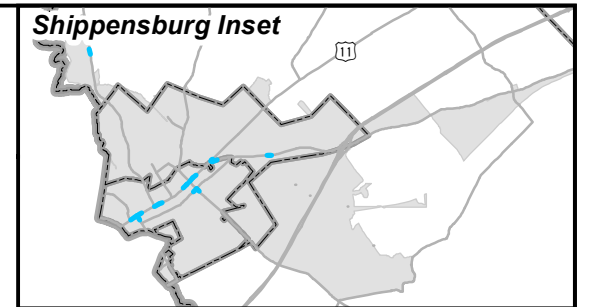
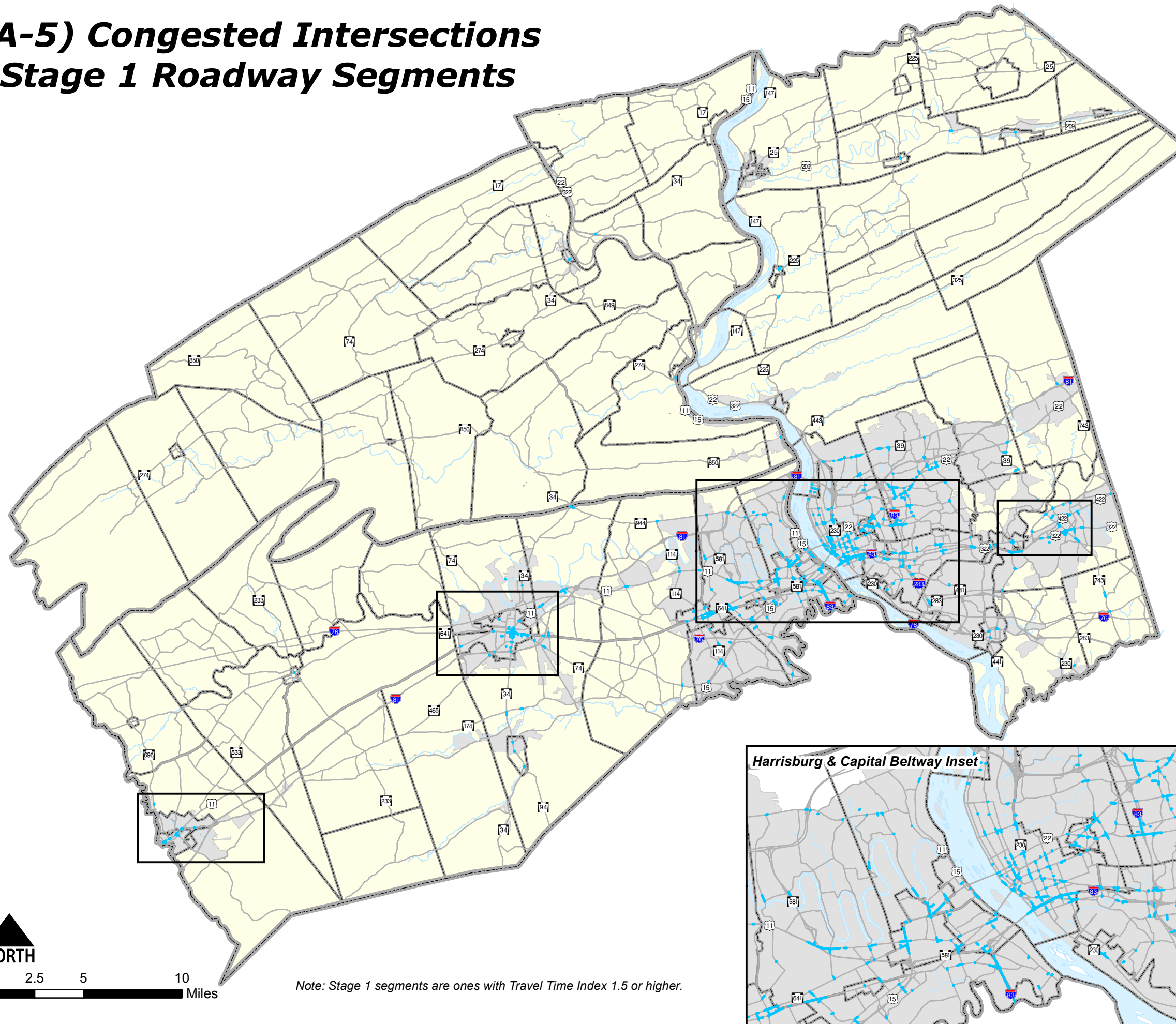
Note: Congested rankings include 3 classes:  
 1-33 - High Congestion  
 34-66 - Medium Congestion  
 67-100 - Low Congestion  
 See Appendix A-2 table for roadways by rank



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# (A-5) Congested Intersections Stage 1 Roadway Segments



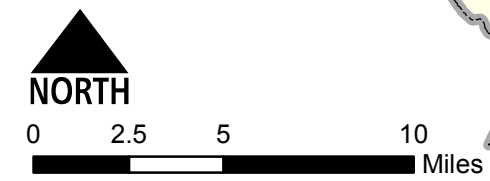
- Legend**
- Stage 1 Segments
  - PennDOT Roadways
  - Rivers and Major Streams
  - Urbanized Areas 2010
  - Municipal Boundaries
  - County Boundaries

**Congestion Management Process Plan**

PREPARED DATE: MAY 2017  
 PREPARED BY: TRI-COUNTY REGIONAL PLANNING COMMISSION  
 DATA SOURCE: TomTom, PennDOT, MB, TCRPC



**HARRISBURG  
AREA  
TRANSPORTATION  
STUDY**

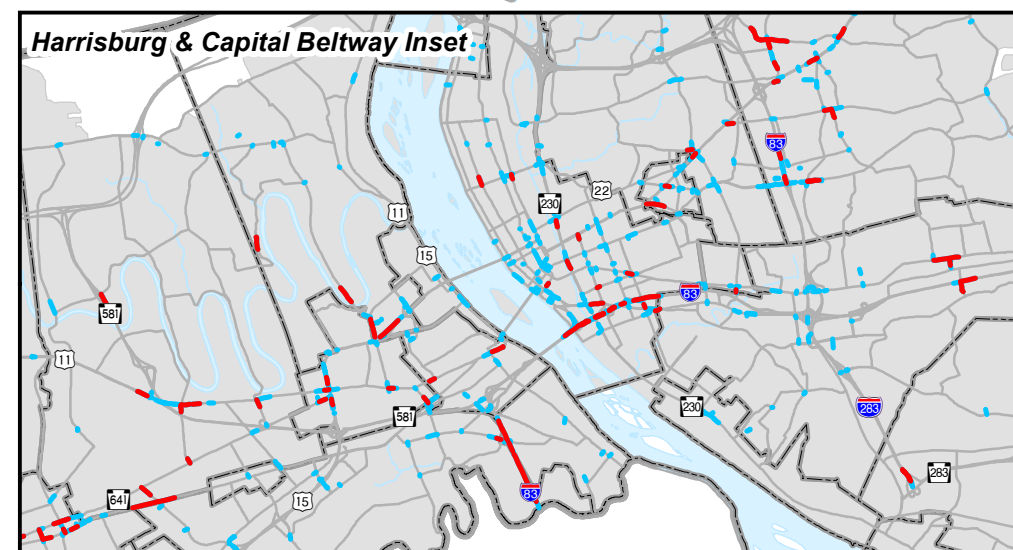
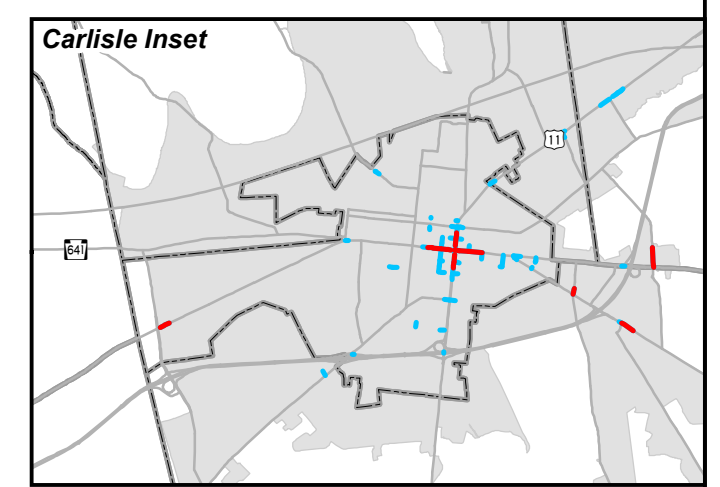
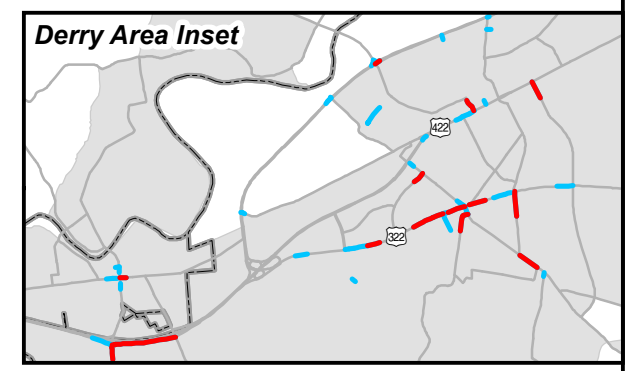
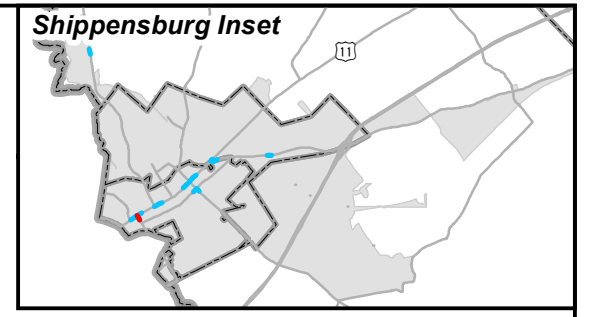
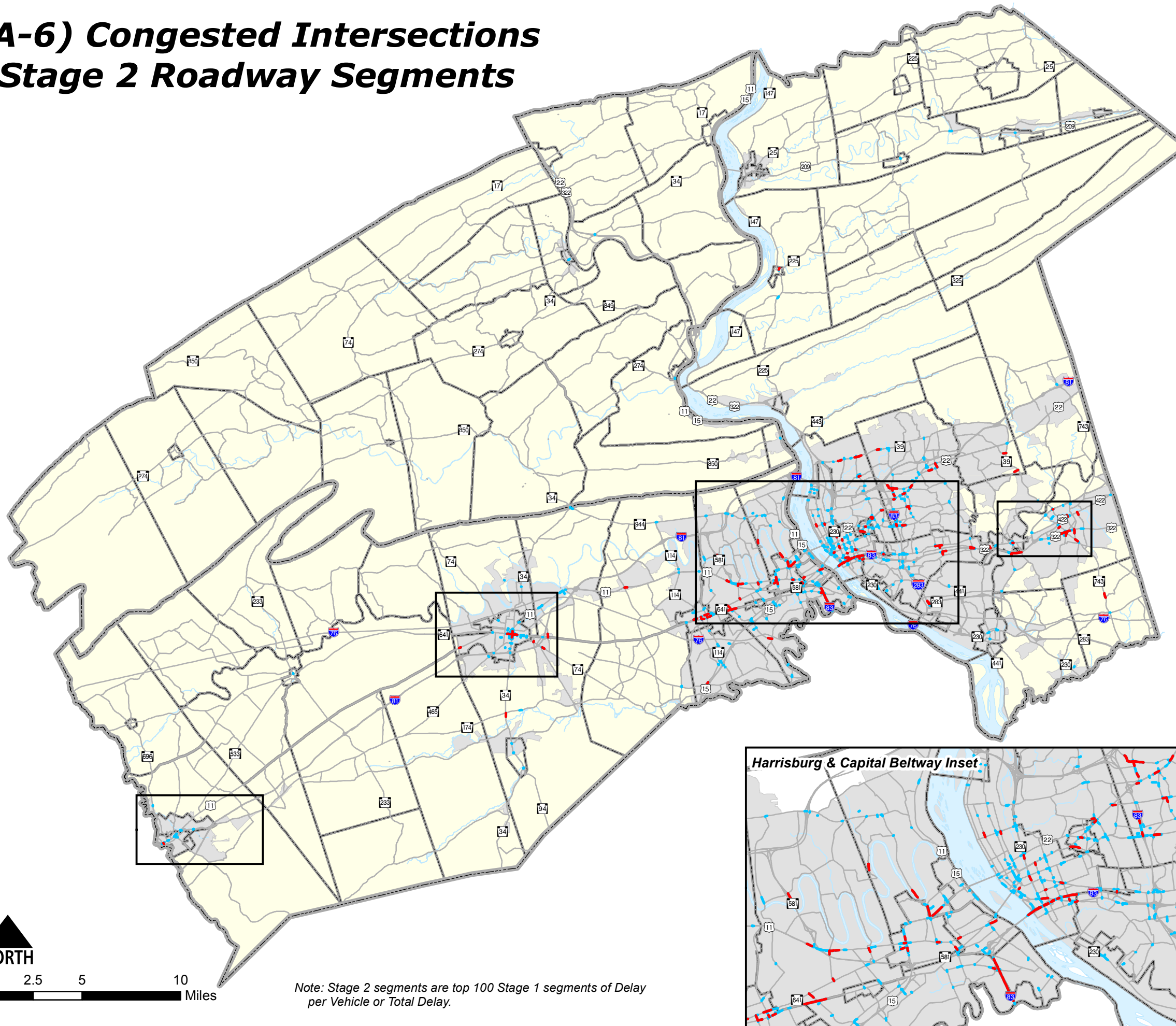


Note: Stage 1 segments are ones with Travel Time Index 1.5 or higher.

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# (A-6) Congested Intersections Stage 2 Roadway Segments



- Legend**
- Stage 2 Segments
  - Stage 1 Segments
  - PennDOT Roadways
  - Rivers and Major Streams
  - Urbanized Areas 2010
  - Municipal Boundaries
  - County Boundaries

**Congestion Management Process Plan**

PREPARED DATE: MAY 2017  
 PREPARED BY: TRI-COUNTY REGIONAL PLANNING COMMISSION  
 DATA SOURCE: TomTom, PennDOT, MB, TCRPC



**HARRISBURG  
AREA  
TRANSPORTATION  
STUDY**



Note: Stage 2 segments are top 100 Stage 1 segments of Delay per Vehicle or Total Delay.

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Intersection Peak Vehicle Delay and Additional Factors

A-7 - Intersection Peak Vehicle Delay By Rank																							
Rank	Intersection Name	Municipality	County	MAP ID	Peak Vehicle Delay				Additional Factors														
					AM Peak Vehicle Delay (sec)	PM Peak Vehicle Delay (sec)	Time of Day Highest Delay	% of Total Delay on leg with most delay (High)	NHS	NPM-RDS	INRIX	LOS D or Worse	TIP 2017 to 2020	MPMS	RTP 2040	PennDOT HCL Corridors 2010-2014	TCRPC High Priority Crash Corridors 2010-2014	CAT Transit Route	Traffic Signal	TCRPC Growth Area	Truck Peak Hour Volume	Truck Peak Hour Delay (Hr)	Truck Time of Day Highest
1	Governor Rd & Hockersville Rd/Fishburn Rd	Derry Twp	Dauphin	3	36	123	PM	65%	Yes	Yes	Yes	Yes	No		Yes-2	No	No	No	System	Yes	63	1:21:22	PM
2	Camp Hill Bypass, 21st St & Cumberland Blvd	East Pennsboro Twp & Camp Hill Borough	Cumberland	2	21	121	PM	69%	Yes	Yes	Yes	Yes	No		No	No	Yes	Yes	System	Yes	43	0:19:34	PM
3	Main St (PA 641) & Walnut St	Mechanicsburg Borough	Cumberland	7	14	95	PM	75%	Yes	NA	NA	Yes	No		No	No	No	Yes	System	Yes	92	0:46:47	PM
4	Route 322 Off Ramp (Hummelstown) & Middletown Rd	Derry Twp	Dauphin	1	19	87	PM	68%	Yes	Yes	No	Yes	No	85335	No	No	No	Yes	Isolated	Yes	100	1:07:43	PM
5	Route 322/Chambers Hill Rd/Grayson Rd & 82nd St	Swatara Township	Dauphin	8	22	87	PM	79%	Yes	Yes	Yes	Yes	Yes	92945	No	No	No	Yes	Isolated	Yes	131	1:02:52	PM
6	Hanover St & High St	Carlisle Borough	Cumberland	15	11	79	PM	31%	Yes	Yes	Yes	Yes	No		No	Yes	Yes	Yes	System	Yes	117	1:34:20	PM
7	Carlisle Pk & Sporting Hill Rd	Hampden Twp	Cumberland	36	12	79	PM	42%	Yes	NA	NA	Yes	No		Yes-46	Yes	No	Yes	System	Yes	80	0:04:19	PM
8	Governor Rd & Cherry Dr	Derry Twp	Dauphin	4	15	76	PM	78%	Yes	Yes	Yes	Yes	No		Yes-22	No	No	No	System	Yes	57	1:04:55	PM
9	Walnut St & Hoffer St	Susquehanna Twp & Penbrook Borough	Dauphin	5	74	6	AM	98%	Yes	NA	NA	No	No		No	No	No	Yes	NA	Yes	16	0:03:49	AM
10	Market St & 32nd St	Camp Hill Borough	Cumberland	62	28	67	PM	48%	Yes	Yes	Yes	Yes	No		No	No	No	Yes	Isolated	Yes	72	0:00:00	PM
11	Simpson Ferry Rd/Sheely Ln & Wesley Dr	Hampden Twp & Lower Allen Twp	Cumberland	14	20	59	PM	41%	No	NA	NA	Yes	No		Yes-5,37	No	No	Yes	Isolated	Yes	56	0:29:56	PM
12	Route 22 (Jonestown Rd)/Prince St & S Houcks Rd	Lower Paxton Twp	Dauphin	22	16	58	PM	49%	Yes	Yes	Yes	No	No		No	No	No	Yes	System	Yes	85	0:20:04	PM
13	Progress Av & Walnut St	Susquehanna Twp	Dauphin	66	7	58	PM	38%	Yes	Yes	Yes	Yes	No		Yes-2	Yes	Yes	Yes	System	Yes	51	0:32:43	PM
14	Devonshire Rd/Crums Mill Rd & Colonial Rd	Lower Paxton Twp	Dauphin	9	12	56	PM	48%	No	NA	NA	Yes	Yes	105365*	No	No	No	No	Isolated	Yes	43	0:39:10	PM
15	State St & 17th St	Lower Allen Twp	Cumberland	23	3	53	PM	45%	No	NA	NA	Yes	No		Yes-23	No	No	No	System	Yes	13	0:06:34	PM
16	Derry St & 63rd St	Swatara Township	Dauphin	12	9	52	PM	54%	No	NA	NA	Yes	No		No	No	No	Yes	Isolated	Yes	25	1:01:42	PM
17	Lingleston Rd & Progress Av	Susquehanna Twp	Dauphin	11	10	48	PM	60%	No	Yes	No	Yes	No		Yes-32	No	No	Yes	System	Yes	45	0:31:50	PM
18	Route 581 Off Ramp (Exit 2) & Creekview Rd	Hampden Twp	Cumberland	6	1	48	PM	100%	Yes	No	No	Yes	Yes	102755	No	No	No	No	NA	Yes	29	0:33:37	PM
19	Chocolate Av & Ridge Rd	Derry Township	Dauphin	18	5	46	PM	48%	Yes	Yes	No	No	Yes	106333*	No	Yes	No	Yes	System	Yes	65	0:15:57	PM
20	Hanover St & Louther St	Carlisle Borough	Cumberland	88	36	45	PM	33%	Yes	Yes	Yes	No	Yes	106564	No	Yes	Yes	Yes	System	Yes	58	0:30:02	PM
21	Route 322 & Mushroom Hill Rd	Swatara Twp	Dauphin	25	17	45	PM	55%	Yes	Yes	Yes	Yes	No		No	No	No	Yes	Isolated	Yes	182	0:43:40	PM
22	Cameron St & Herr St	City of Harrisburg	Dauphin	84	26	44	PM	51%	Yes	Yes	Yes	Yes	No		No	Yes	Yes	Yes	Isolated	Yes	139	0:44:07	PM
23	Market St & Central Blvd	Hampden Township	Cumberland	17	5	44	PM	55%	Yes	NA	NA	Yes	No		Yes-48	No	No	Yes	System	Yes	37	0:20:03	PM
24	Main St & York St	Mechanicsburg Borough	Cumberland	20	17	40	PM	49%	Yes	Yes	Yes	Yes	No		No	No	No	Yes	System	Yes	58	0:18:49	PM
25	Route 22 (Jonestown Rd) & S Mountain Rd	Lower Paxton Twp	Dauphin	10	8	40	PM	80%	No	NA	NA	No	No		No	No	No	Yes	Isolated	Yes	27	0:10:18	PM
26	Hanover St & Pomfret St	Carlisle Borough	Cumberland	89	10	39	PM	38%	Yes	Yes	Yes	Yes	No		No	Yes	Yes	Yes	System	Yes	39	0:28:49	PM
27	Market St & 21st St	Camp Hill Borough	Cumberland	32	10	38	PM	53%	Yes	NA	NA	Yes	No		No	No	No	Yes	Isolated	Yes	15	0:06:50	PM
28	Market St & Simpson St	Mechanicsburg Borough	Cumberland	40	7	37	PM	40%	No	Yes	No	Yes	Yes	97279*	No	Yes	No	Yes	System	Yes	79	0:25:56	PM
29	Simpson St & Walnut St	Mechanicsburg Borough	Cumberland	21	8	36	PM	62%	No	NA	NA	Yes	No		No	Yes	No	Yes	NA	Yes	61	0:43:29	PM
30	Union Deposit Rd & Park Dr/Scenery Dr	Lower Paxton Twp	Dauphin	76	20	36	PM	37%	No	NA	NA	Yes	Yes	70024	No	Yes	Yes	Yes	Isolated	Yes	69	0:15:16	PM
31	Paxton St & S 19th St	City of Harrisburg	Dauphin	44	6	36	PM	42%	Yes	NA	NA	Yes	Yes	106547	No	Yes	Yes	Yes	Isolated	Yes	106	0:42:31	PM
32	Walnut St & Canby St	Penbrook Borough	Dauphin	16	7	36	PM	79%	Yes	NA	NA	Yes	Yes	97392	No	No	No	Yes	System	Yes	20	0:05:25	PM
33	Route 22 (Jonestown Rd) & Devonshire Rd	Lower Paxton Twp	Dauphin	75	9	35	PM	33%	Yes	Yes	Yes	No	No		No	No	No	Yes	System	Yes	106	0:22:06	PM
34	High St & Pitt St	Carlisle Borough	Cumberland	87	19	35	PM	31%	No	Yes	Yes	No	No		No	Yes	Yes	No	System	Yes	48	0:25:52	PM
35	High St & Bedford St	Carlisle Borough	Cumberland	90	9	35	PM	64%	No	Yes	Yes	Yes	No		No	Yes	Yes	Yes	System	Yes	83	1:02:34	PM
36	Trindle Rd & 32nd St	Camp Hill Borough	Cumberland	82	16	34	PM	52%	Yes	Yes	Yes	Yes	No		No	No	No	Yes	System	Yes	96	0:16:20	PM
37	Derry St/19th St & Berryhill St	City of Harrisburg	Dauphin	31	12	34	PM	79%	No	NA	NA	Yes	Yes	102378	No	Yes	Yes	Yes	Isolated	Yes	26	0:05:59	PM
38	Route 22 (Jonestown Rd) Colonial Rd Exit & Strouse St	Lower Paxton Twp	Dauphin	54	13	33	PM	50%	Yes	Yes	Yes	Yes	Yes	70024	No	No	No	Yes	System	Yes	86	0:11:01	PM
39	Hanover St & Main St	Hummelstown Borough	Dauphin	56	5	33	PM	40%	No	NA	NA	Yes	No		No	No	No	Yes	Isolated	Yes	29	0:10:07	PM
40	Route 22 (Allentown Blvd) & Blue Ribbon Av	Lower Paxton Twp	Dauphin	13	12	33	PM	58%	Yes	Yes	Yes	Yes	No		No	No	No	Yes	Isolated	Yes	53	0:15:08	PM
41	Market St & 3rd St	Lemoyne Borough	Cumberland	29	2	33	PM	45%	Yes	NA	NA	Yes	No		No	No	No	Yes	System	Yes	51	0:17:43	PM
42	Trindle Rd & Sheely Ln	Hampden Twp	Cumberland	30	14	32	PM	52%	Yes	NA	NA	Yes	No		Yes	No	No	Yes	Isolated	Yes	27	0:10:21	PM
43	Cameron St & Market St	City of Harrisburg	Dauphin	34	8	32	PM	55%	Yes	Yes	Yes	Yes	No		No	Yes	Yes	Yes	Isolated	Yes	142	1:07:38	PM
44	Market St & 12th St	Lemoyne Borough	Cumberland	63	3	31	PM	37%	Yes	NA	NA	No	No		No	No	No	Yes	Isolated	Yes	25	0:09:52	PM
45	Governor Rd & Cocoa Av	Derry Twp	Dauphin	47	10	30	PM	47%	Yes	Yes	Yes	Yes	No		Yes-37	No	No	No	System	Yes	59	0:14:39	PM
46	Main St & Market St	Mechanicsburg Borough	Cumberland	77	9	30	PM	33%	Yes	Yes	Yes	Yes	Yes	97279*	No	No	No	Yes	System	Yes	37	0:12:10	PM
47	Trindle Rd & 34th St	Camp Hill Borough	Cumberland	70	5	29	PM	40%	Yes	NA	NA	Yes	No		No	No	No	Yes	Isolated	Yes	7	0:02:45	PM
48	Colonial Rd & Valley Rd	Lower Paxton Twp	Dauphin	55	6	29	PM	49%	No	NA	NA	Yes	Yes	105365*	No	No	No	No	Isolated	Yes	15	0:08:16	PM
49	Trindle Rd & Army Heritage Dr	Middlesex Twp & South Middleton Twp	Cumberland	35	5	28	PM	60%	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	36	0:09:44	PM
50	Derry St & Paxtang Ave	Paxtang Borough	Dauphin	71	10	28	PM	65%	No	NA	NA	Yes	Yes	102378	No	No	No	Yes	Isolated	Yes	32	0:05:55	PM
51	Governor Rd & Centerview Ln	Derry Twp	Dauphin	78	8	28	PM	51%	Yes	Yes	Yes	Yes	No		Yes-2	No	No	Yes	System	Yes	57	0:19:51	PM
52	Paxton St & 13th St	City of Harrisburg	Dauphin	27	9	26	PM	70%	Yes	NA	NA	Yes	Yes	103547	No	Yes	Yes	Yes	Isolated	Yes	66	0:20:35	PM
53	York Rd & Westminster Dr	South Middleton Twp	Cumberland	51	8	26	PM	49%	No	NA	No	No	No		No	No	No	Yes	System	Yes	27	0:06:21	PM
54	Carlisle Rd & Cedar Cliff Dr	New Cumberland Twp & Lower Allen Twp	Cumberland	57	9	25	PM	79%	Yes	NA	NA	Yes	Yes	104393*	No	No	No	No	System	Yes	45	0:08:19	PM
55	Route 11 (Ritner Hwy) & Allen Rd	Carlisle Borough	Cumberland	60	25	11	AM	62%	No	NA	No	Yes	No		No	No	No	Yes	System	Yes	97	0:14:06	AM
56	21st St & Holy Spirit Hospital Dr	East Pennsboro Twp	Cumberland	86	10	24	PM	62%	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	21	0:07:19	PM

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**Intersection Peak Vehicle Delay and Additional Factors**

A-7 - Intersection Peak Vehicle Delay By Rank																								
Rank	Intersection Name	Municipality	County	MAP ID	Peak Vehicle Delay				Additional Factors															
					AM Peak Vehicle Delay (sec)	PM Peak Vehicle Delay (sec)	Time of Day Highest Delay	% of Total Delay on leg with most delay (High)	NHS	NPM-RDS	INRIX	LOS D or Worse	TIP 2017 to 2020	MPMS	RTP 2040	PennDOT HCL Corridors 2010-2014	TCRPC High Priority Crash Corridors 2010-2014	CAT Transit Route	Traffic Signal	TCRPC Growth Area	Truck Peak Hour Volume	Truck Peak Hour Volume Delay (Hr)	Truck Time of Day Highest	
57	Progress Av & Paxton Church Rd	Susquehanna Twp	Dauphin	28	24	22	AM	81%	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	25	0:04:23	PM	
58	Walnut St & Locust Ln	Susquehanna Twp	Dauphin	19	5	24	PM	96%	Yes	Yes	Yes	No	No		No	Yes	No	Yes	System	Yes	45	0:07:01	PM	
59	King St & Fayette St	Shippensburg Borough	Cumberland	43	12	24	PM	47%	Yes	Yes	Yes	Yes	No		No	No	Yes	No	System	Yes	54	0:15:54	PM	
60	Maclay St & 7th St	City of Harrisburg	Dauphin	33	5	24	PM	47%	Yes	NA	NA	Yes	Yes	74521	No	No	No	Yes	Isolated	Yes	32	0:25:06	PM	
61	Holly Pk & Old York Rd	South Middleton Twp	Cumberland	68	19	24	PM	58%	No	Yes	No	Yes	No		No	No	No	No	Isolated	No	78	0:19:09	PM	
62	State St & 13th St	City of Harrisburg	Dauphin	46	3	22	PM	66%	Yes	NA	NA	Yes	No		No	No	No	Yes	System	Yes	32	0:09:12	PM	
63	Market St & 4th St	Halifax Borough	Dauphin	67	22	13	AM	96%	No	Yes	No	Yes	No		Yes-11	No	No	Yes	NA	Yes	47	0:05:24	AM	
64	Simpson St & Walnut St	Mechanicsburg Borough	Cumberland	69	11	22	PM	53%	No	NA	NA	Yes	No		No	Yes	No	Yes	System	Yes	25	0:11:21	PM	
65	Progress Av & Locust Ln	Susquehanna Twp	Dauphin	49	1	21	PM	55%	No	NA	NA	Yes	No		No	Yes	No	Yes	NA	Yes	20	0:06:00	PM	
66	Locust Ln & Rutherford Rd	Lower Paxton Twp	Dauphin	64	6	21	PM	49%	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	55	0:22:02	PM	
67	Maclay St & 3rd St	City of Harrisburg	Dauphin	53	17	21	PM	61%	Yes	NA	NA	No	No		No	No	No	Yes	Isolated	Yes	32	0:09:22	PM	
68	Hershey Park Dr & Park Blvd	Derry Twp	Dauphin	83	14	21	PM	48%	No	Yes	Yes	Yes	No		No	No	No	No	System	No	107	0:16:59	PM	
69	Chocolate Av & Homestead Rd	Derry Twp	Dauphin	41	8	20	PM	73%	Yes	Yes	No	No	Yes	106333*	No	Yes	No	No	System	Yes	51	0:13:43	PM	
70	Center St & Highmark Blue Local Driveway	East Pennsboro Twp	Cumberland	37	2	20	PM	73%	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	8	0:03:35	PM	
71	Manor Dr & Hershey Rd	West Hanover Twp	Dauphin	26	20	4	AM	99%	No	NA	No	Yes	No		No	No	No	No	NA	No	50	0:02:06	PM	
72	Hockersville Rd & Areba Ave	Derry Twp	Dauphin	48	5	20	PM	74%	No	NA	NA	No	No		No	No	No	Yes	NA	Yes	16	0:01:54	PM	
73	Cocoa Av & Fishburn Rd	Derry Twp	Dauphin	74	5	19	PM	57%	No	NA	NA	Yes	No		No	No	No	No	Isolated	Yes	44	0:11:26	PM	
74	Rossmoyne Rd & Lisburn Rd	Lower Allen Twp	Dauphin	42	3	18	PM	80%	No	NA	NA	Yes	No		Yes-37	No	No	No	Isolated	Yes	29	0:05:42	PM	
75	Gettysburg Pk & Lisburn Rd	Upper Allen Twp	Cumberland	38	7	18	PM	84%	No	NA	NA	Yes	No		No	No	No	No	Isolated	Yes	20	0:02:42	PM	
76	Trindle Rd & Sporting Hill Rd	Hampden Twp	Cumberland	81	2	18	PM	45%	Yes	NA	NA	Yes	No		Yes-27,54	No	No	Yes	System	Yes	42	0:11:10	PM	
77	Carlisle Pk & Locust Point Rd	Silver Spring Twp	Cumberland	61	2	17	PM	71%	Yes	Yes	No	No	No		No	No	No	Yes	System	Yes	111	0:27:10	PM	
78	Union Deposit Rd & Michigan Dr	Lower Paxton Twp	Dauphin	24	11	16	PM	70%	No	NA	NA	No	No		No	Yes	No	Yes	NA	Yes	37	0:07:40	PM	
79	Chestnut St & 3rd St	City of Harrisburg	Dauphin	50	9	15	PM	69%	Yes	NA	NA	No	No		No	No	No	Yes	Isolated	Yes	27	0:11:14	PM	
80	Pleasant View Rd & Bridge Rd	Swatara Twp	Dauphin	59	2	15	PM	89%	No	NA	NA	No	No		No	No	No	No	NA	No	16	0:02:14	PM	
81	Elizabeth Rd & Schoolhouse Rd	Conewago Twp	Dauphin	58	8	15	PM	66%	No	NA	NA	No	No		No-43**	No	No	No	Isolated	No	66	0:19:01	PM	
82	Sycamore St & S 19th St	City of Harrisburg	Dauphin	45	1	15	PM	75%	Yes	Yes	No	Yes	Yes	106547	No	Yes	No	Yes	NA	Yes	56	0:09:52	PM	
83	Route 581 Off Ramp (Exit 3) & Carlisle Pk	Hampden Twp	Cumberland	72	9	14	PM	43%	Yes	NA	NA	Yes	No		No	Yes	No	Yes	System	Yes	155	0:32:03	PM	
84	Berryhill St & 13th St	City of Harrisburg	Dauphin	73	14	9	AM	85%	No	NA	NA	Yes	No		No	No	No	Yes	Isolated	Yes	32	0:02:28	PM	
85	Linglestown Rd & Forest Rd/Pheasant Rd	Lower Paxton Twp	Dauphin	80	3	13	PM	72%	No	Yes	Yes	Yes	No		No	No	No	Yes	System	Yes	32	0:10:10	PM	
86	Hershey Rd & Redtop Rd	West Hanover Twp	Dauphin	65	2	13	PM	95%	No	NA	No	Yes	No		No	No	No	No	NA	No	51	0:01:47	PM	
87	Colonial Rd & King George Dr	Lower Paxton Twp	Dauphin	39	1	13	PM	84%	No	NA	NA	Yes	Yes	105365*	No	No	No	Yes	Isolated	Yes	13	0:03:57	PM	
88	Linglestown Rd & Deer Path Rd	Susquehanna Twp	Dauphin	79	2	12	PM	68%	No	Yes	No	Yes	No		Yes-33	No	No	Yes	System	Yes	37	0:10:34	PM	
89	Hogestown Rd & Texaco Rd	Silver Spring Twp	Cumberland	85	7	10	PM	43%	Yes	Yes	No	No	No		No	No	No	No	System	Yes	58	0:11:52	PM	
90	York Rd & Petersburg/Carlton Rd	South Middleton Twp	Cumberland	52	6	7	PM	81%	No	NA	No	No	No		Yes-43	No	No	Yes	NA	Yes	47	0:01:32	PM	

Note: Table is sorted by rank from high to low with 1 being the most delayed (congested) and 90 the least.

\* Resurfacing Project

\*\* Project Added to HATS 2017 Project Tracking Table

Definitions:

**AM Peak Vehicle Delay (sec)** - is the AM peak vehicle delay for all stage 2 intersection segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater.

**PM Peak Vehicle Delay (sec)** - is the PM peak vehicle delay for all stage 2 intersection segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater.

**TOD with Highest Delay** - is the time of day (TOD) with highest delay (AM or PM)

**% of Total Delay on leg with most delay** - is the percent of total delay for intersection leg with the highest percent of delay.

**NHS** - indicates if a intersection is on a National Highway System (NHS) roadway.

**NPMRDS** - indicates if a intersection is on a National Performance Management Research Dataset (NPMRDS) roadway with Travel Time Index (TTI) >= 1.4 (averaged for all Friday's in 2016). Values with 'NA' indicate that no NPMRDS data is available.

**INRIX** - indicates if a intersection is on a INRIX roadway with Travel Time Index (TTI) >= 1.4 (averaged for all Friday's in 2016). Values with 'NA' indicate that no INRIX data is available.

**LOS D or Worse** - indicates if a intersection exists on roadways with Level of Service (LOS) D or worse from the HATS Regional Travel Demand Model. The LOS was generated for model year 2040, including only projects programmed on the TIP 2017-2020.

**TIP 2017-2020** - indicates if a intersection is on the same roadway as a TIP 2017-2020 project.

**MPMS** - is the TIP 2017-2020 project Multi-modal Project Management System (MPMS) identifier. The '\*' notation indicates a resurfacing project.

**RTP 2040** - indicates if a intersection is on the same roadway as a RTP 2040 project. The '\*' notation indicates if a project was added to HATS 2017 project ranking table, and the number indicates the project ranking.

**PennDOT HCL Corridors (2009 - 2014)** - indicates if a intersection is on a PennDOT high crash location (HCL) corridor. HCL corridors were created by PennDOT using crash data (2009 - 2014).

**TCRPC HCL Corridors (2010 - 2014)** - indicates if a intersection is on a Tri-County Regional Planning Commission (TCRPC) high priority crash corridor. Crash corridors were derived from PennDOT crash data (2010 - 2014) using a combination of crash severity and crash frequency.

**CAT Transit Route** - indicates if a intersection is on a CAT transit route.

**Traffic Signal** - indicates if a intersection traffic signal is isolated, or part of system. The notation 'NA' indicates that no traffic signal exists at the intersection. This information was derived from PennDOT's Traffic Signal Asset Management System (TSAMS).

**TCRPC Growth Area** - indicates if a intersection is located inside a TCRPC growth area identified in the 2011 Regional Growth Management Plan (RGMP)

**Truck Peak Hour Volume** - is the highest of the AM/PM peak hour truck volume delay for all stage 2 segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater. AM Peak Hour is 5% of ADTT and PM Peak Hour is 6% of ADTT.

**Truck Peak Hour Volume Delay (Hr)** - is the highest of the AM/PM peak hour truck volume delay for all stage 2 segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater.

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**Intersection Peak Volume Delay and Additional Factors**

A-8 - Intersection Peak Volume Delay By Rank																								
Rank	Intersection Name	Municipality	County	Map ID	Peak Hour Volume Delay					Additional Factors														
					Intersection Legs included in Peak Hr Volume and Peak Period Delay	Peak Hour Volume	AM Peak Volume Delay (Hr)	PM Peak Volume Delay (Hr)	TOD with Highest Delay	NHS	RDS	INRIX	LOS D or Worse	TIP 2017 to 2020	MPMS	RTP 2040	PennDOT HCL Corridors 2010-2014	TCRPC High Priority Corridors 2010-2014	CAT Transit Route	Traffic Signal	TCRPC Growth Area	Truck Peak Volume Delay (Hr)	Truck Peak Hour Volume	Truck TOD Highest Delay
1	Camp Hill Bypass, 21st St & Cumberland Blvd	East Pennsboro Twp & Camp Hill Borough	Cumberland	2	5/5	4,211	3:17:54	30:40:51	PM	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	System	Yes	0:19:34	100	PM	
2	Route 322/Chambers Hill Rd/Grayson Rd & 82nd St	Swatara Township	Dauphin	8	5/6	4,671	3:37:48	25:28:03	PM	Yes	Yes	Yes	Yes	Yes	92945	No	No	Yes	Isolated	Yes	1:02:52	43	PM	
3	Governor Rd & Hockersville Rd/Fishburn Rd	Derry Twp	Dauphin	3	4/4	2,469	4:56:08	19:57:29	PM	Yes	Yes	Yes	Yes	No	Yes-2	No	No	No	System	Yes	1:21:22	63	PM	
4	Market St & 32nd St	Camp Hill Borough	Cumberland	62	4/4	4,511	4:15:50	19:56:02	PM	Yes	Yes	Yes	Yes	No	No	No	Yes	Isolated	Yes	0:18:37	57	PM		
5	Carlisle Pk & Sporting Hill Rd	Hampden Twp	Cumberland	36	4/4	3,249	2:24:08	18:47:39	PM	Yes	NA	NA	Yes	No	Yes-46	Yes	No	Yes	System	Yes	0:04:19	16	PM	
6	Route 322 & Mushroom Hill Rd	Swatara Twp	Dauphin	25	4/4	5,316	5:31:03	17:46:30	PM	Yes	Yes	Yes	Yes	No	No	No	Yes	Isolated	Yes	0:43:40	29	PM		
7	Main St (PA 641) & Walnut St	Mechanicsburg Borough	Cumberland	7	4/4	2,637	1:58:21	17:09:57	PM	Yes	NA	NA	Yes	No	No	No	Yes	System	Yes	0:46:47	92	PM		
8	Hanover St & High St	Carlisle Borough	Cumberland	15	4/4	2,821	1:41:21	15:40:15	PM	Yes	Yes	Yes	Yes	No	No	Yes	Yes	System	Yes	1:34:20	131	PM		
9	Governor Rd & Cherry Dr	Derry Twp	Dauphin	4	2/4	1,581	1:25:34	13:00:16	PM	Yes	Yes	Yes	Yes	No	Yes-2	No	No	No	System	Yes	1:04:55	43	PM	
10	Route 22 (Jonestown Rd)/Prince St & S Houcks Rd	Lower Paxton Twp	Dauphin	22	4/5	4,185	1:30:16	12:51:39	PM	Yes	Yes	Yes	No	No	No	No	Yes	System	Yes	1:20:04	27	PM		
11	Route 322 Off Ramp (Hummelstown) & Middletown Rd	Derry Twp	Dauphin	1	4/4	2,370	2:21:30	12:14:35	PM	Yes	Yes	No	Yes	No	85335	No	No	Yes	Isolated	Yes	0:07:43	45	PM	
12	Progress Av & Walnut St	Susquehanna Twp	Dauphin	66	4/4	2,959	1:15:06	11:30:56	PM	Yes	Yes	Yes	Yes	No	Yes-22	Yes	Yes	Yes	System	Yes	0:32:43	25	PM	
13	Trindle Rd & 32nd St	Camp Hill Borough	Cumberland	82	3/4	4,071	4:25:43	11:19:56	PM	Yes	Yes	Yes	Yes	No	No	No	Yes	System	Yes	0:16:20	53	PM		
14	Union Deposit Rd & Park Dr/Scenery Dr	Lower Paxton Twp	Dauphin	76	4/4	3,316	4:03:10	10:21:05	PM	No	NA	NA	Yes	Yes	70024	No	Yes	Yes	Isolated	Yes	0:15:16	56	PM	
15	Linglestown Rd & Progress Av	Susquehanna Twp	Dauphin	11	3/4	2,522	1:10:33	9:59:36	PM	No	Yes	No	Yes	No	Yes-32	No	No	Yes	System	Yes	0:31:50	117	PM	
16	Derry St & 63rd St	Swatara Township	Dauphin	12	3/4	1,447	1:02:41	9:56:17	PM	No	NA	NA	Yes	No	No	No	Yes	Isolated	Yes	1:01:42	20	PM		
17	Route 22 (Jonestown Rd) & Devonshire Rd	Lower Paxton Twp	Dauphin	75	4/4	3,793	1:19:58	9:53:26	PM	Yes	Yes	Yes	No	No	No	No	Yes	System	Yes	0:22:06	37	PM		
18	Route 581 Off Ramp (Exit 3) & Carlisle Pk	Hampden Twp	Cumberland	72	3/4	3,922	2:19:19	9:43:47	PM	Yes	NA	NA	Yes	No	No	Yes	Yes	System	Yes	0:32:03	65	PM		
19	Simpson Ferry Rd/Sheely Ln & Wesley Dr	Hampden Twp & Lower Allen Twp	Cumberland	14	4/4	2,560	2:20:03	9:19:02	PM	No	NA	NA	Yes	No	Yes-5,37	No	No	Yes	Isolated	Yes	0:29:56	45	PM	
20	Cameron St & Herr St	City of Harrisburg	Dauphin	84	4/4	3,616	4:24:03	9:09:24	PM	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Isolated	Yes	0:44:07	58	PM	
21	Cameron St & Market St	City of Harrisburg	Dauphin	34	4/4	3,055	1:47:36	8:12:36	PM	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Isolated	Yes	1:07:38	61	PM	
22	Devonshire Rd/Crums Mill Rd & Colonial Rd	Lower Paxton Twp	Dauphin	9	4/4	2,087	1:21:35	7:41:31	PM	No	NA	NA	Yes	Yes	105365*	No	No	No	Isolated	Yes	0:39:10	85	PM	
23	Chocolate Av & Ridge Rd	Derry Township	Dauphin	18	3/4	2,247	0:43:02	7:25:28	PM	Yes	Yes	No	No	Yes	106333*	No	Yes	No	Yes	System	Yes	0:15:57	13	PM
24	Paxton St & S 19th St	City of Harrisburg	Dauphin	44	4/4	2,567	0:53:26	7:20:42	PM	Yes	NA	NA	Yes	Yes	106547	No	Yes	Yes	Yes	Isolated	Yes	0:42:31	37	PM
25	Market St & 3rd St	Lemoyne Borough	Cumberland	29	4/4	2,411	0:21:23	7:06:23	PM	Yes	NA	NA	Yes	No	No	No	Yes	System	Yes	0:17:43	182	PM		
26	Simpson St & Walnut St	Mechanicsburg Borough	Cumberland	21	3/3	2,042	1:10:47	6:49:03	PM	No	NA	NA	Yes	No	No	Yes	No	Yes	NA	Yes	0:43:29	50	PM	
27	Market St & Central Blvd	Hampden Township	Cumberland	17	3/3	1,424	0:41:21	6:45:54	PM	Yes	NA	NA	Yes	No	Yes-48	No	No	Yes	System	Yes	0:20:03	66	PM	
28	Market St & Simpson St	Mechanicsburg Borough	Cumberland	40	4/4	2,234	0:56:41	6:32:07	PM	No	Yes	No	Yes	Yes	97279*	No	Yes	No	Yes	System	Yes	0:25:56	25	PM
29	Route 22 (Jonestown Rd) Colonial Rd Exit & Strouse St	Lower Paxton Twp	Dauphin	54	4/4	3,353	0:51:28	6:31:03	PM	Yes	Yes	Yes	Yes	Yes	70024	No	No	No	Yes	System	Yes	0:11:01	51	PM
30	Route 22 (Jonestown Rd) & S Mountain Rd	Lower Paxton Twp	Dauphin	10	3/3	1,504	0:57:09	5:37:47	PM	No	NA	NA	No	No	No	No	Yes	Isolated	Yes	0:10:18	27	PM		
31	High St & Bedford St	Carlisle Borough	Cumberland	90	2/4	1,546	0:28:31	5:16:10	PM	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	System	Yes	1:02:34	26	PM	
32	Maclay St & 7th St	City of Harrisburg	Dauphin	33	4/4	1,733	0:25:58	4:53:12	PM	Yes	NA	NA	Yes	Yes	74521	No	No	No	Yes	Isolated	Yes	0:25:06	15	PM
33	Trindle Rd & Sheely Ln	Hampden Twp	Cumberland	30	3/3	1,455	1:30:02	4:44:28	PM	Yes	NA	NA	Yes	No	Yes	No	No	Yes	Isolated	Yes	0:10:21	32	PM	
34	Paxton St & 13th St	City of Harrisburg	Dauphin	27	4/4	1,680	1:01:05	4:43:32	PM	Yes	NA	NA	Yes	Yes	103547	No	Yes	Yes	Yes	Isolated	Yes	0:20:35	142	PM
35	Market St & 12th St	Lemoyne Borough	Cumberland	63	3/4	1,705	0:24:27	4:26:44	PM	Yes	NA	NA	No	No	No	No	Yes	Isolated	Yes	0:09:52	36	PM		
36	Union Deposit Rd & Michigan Dr	Lower Paxton Twp	Dauphin	24	2/3	1,233	0:32:38	4:26:41	PM	No	NA	NA	No	No	No	Yes	No	Yes	NA	Yes	0:07:40	80	PM	
37	Governor Rd & Cocoa Av	Derry Twp	Dauphin	47	4/4	2,264	1:04:04	4:26:03	PM	Yes	Yes	Yes	Yes	No	Yes-37	No	No	No	System	Yes	0:14:39	8	PM	
38	Main St & York St	Mechanicsburg Borough	Cumberland	20	4/4	1,733	1:22:39	4:21:40	PM	Yes	Yes	Yes	Yes	No	No	No	Yes	System	Yes	0:18:49	20	PM		
39	Trindle Rd & Sporting Hill Rd	Hampden Twp	Cumberland	81	3/3	2,647	0:25:32	4:21:29	PM	Yes	NA	NA	Yes	No	Yes-27,54	No	No	Yes	System	Yes	0:11:10	13	PM	
40	Market St & 21st St	Camp Hill Borough	Cumberland	32	3/4	1,033	0:29:48	4:14:13	PM	Yes	NA	NA	Yes	No	No	No	Yes	Isolated	Yes	0:06:50	79	PM		
41	Derry St/19th St & Berryhill St	City of Harrisburg	Dauphin	31	5/5	1,586	0:44:38	4:12:39	PM	No	NA	NA	Yes	Yes	102378	No	Yes	Yes	Yes	Isolated	Yes	0:05:59	51	PM
42	Hanover St & Pomfret St	Carlisle Borough	Cumberland	89	4/4	1,455	0:34:08	4:09:07	PM	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	System	Yes	0:28:49	29	PM	
43	Colonial Rd & Valley Rd	Lower Paxton Twp	Dauphin	55	3/3	1,431	0:36:45	4:04:30	PM	No	NA	NA	Yes	Yes	105365*	No	No	No	Isolated	Yes	0:08:16	54	PM	
44	Route 11 (Ritner Hwy) & Allen Rd	Carlisle Borough	Cumberland	60	4/4	2,328	3:49:51	2:46:40	AM	No	NA	No	Yes	No	No	No	Yes	System	Yes	0:14:06	106	AM		
45	King St & Fayette St	Shippensburg Borough	Cumberland	43	3/3	1,518	1:02:25	3:39:20	PM	Yes	Yes	Yes	Yes	No	No	No	Yes	No	System	Yes	0:15:54	56	PM	
46	Center St & Highmark Blue Local Driveway	East Pennsboro Twp	Cumberland	37	2/3	1,174	0:20:43	3:36:00	PM	No	NA	NA	Yes	No	No	No	Yes	System	Yes	0:03:35	32	PM		
47	Hanover St & Louther St	Carlisle Borough	Cumberland	88	4/4	1,491	0:15:27	3:34:59	PM	Yes	Yes	Yes	No	Yes	106564	No	Yes	Yes	Yes	System	Yes	0:30:02	59	PM
48	Linglestown Rd & Deer Path Rd	Susquehanna Twp	Dauphin	79	2/4	2,051	0:30:02	3:31:05	PM	No	Yes	No	Yes	No	Yes-33	No	No	Yes	System	Yes	0:10:34	16	PM	
49	Walnut St & Canby St	Penbrook Borough	Dauphin	16	4/4	1,750	0:24:54	3:30:52	PM	Yes	NA	NA	Yes	Yes	97392	No	No	Yes	System	Yes	0:05:25	20	PM	
50	Main St & Market St	Mechanicsburg Borough	Cumberland	77	3/4	1,606	1:13:21	3:30:28	PM	Yes	Yes	Yes	Yes	Yes	97279*	No	No	No	Yes	System	Yes	0:12:10	27	PM
51	Derry St & Paxtang Ave	Paxtang Borough	Dauphin	71	4/4	2,007	0:55:07	3:23:18	PM	No	NA	NA	Yes	Yes	102378	No	No	No	Yes	Isolated	Yes	0:05:55	27	PM
52	State St & 13th St	City of Harrisburg	Dauphin	46	3/3	1,880	0:28:10	3:22:28	PM	Yes	NA	NA	Yes	No	No	No	Yes	System	Yes	0:09:12	47	PM		
53	Simpson St & Walnut St	Mechanicsburg Borough	Cumberland	69	3/3	1,366	0:13:48	3:20:48	PM	No	NA	NA	Yes	No	No	Yes	Yes	System	Yes	0:11:21	32	PM		
54	Carlisle Rd & Cedar Cliff Dr	New Cumberland Twp & Lower Allen Twp	Cumberland	57	4/4	1,677	1:02:14	3:20:01	PM	Yes	NA	NA	Yes	Yes	104393*	No	No	No	System	Yes	0:08:19	86	PM	
55	Cocoa Av & Fishburn Rd	Derry Twp	Dauphin	74	3/3	1,854	0:38:52	3:16:13	PM	No	NA	NA	Yes	No	No	No	No	Isolated	Yes	0:11:26	15	PM		
56	Hershey Park Dr & Park Blvd	Derry Twp	Dauphin	83	4/4	3,138	0:41:10	3:14:00	PM	No	Yes	Yes	Yes	No	No	No	No	System	No	0:16:59	29	PM		
57	Route 22 (Allentown Blvd) & Blue Ribbon Av	Lower Paxton Twp	Dauphin	13	4/4	2,024	0:38:19	3:12:20	PM	Yes	Yes	Yes	Yes	No	No	No	Yes	Isolated	Yes	0:15:08	45	PM		

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**Intersection Peak Volume Delay and Additional Factors**

**A-8 - Intersection Peak Volume Delay By Rank**

Rank	Intersection Name	Municipality	County	Map ID	Peak Hour Volume Delay					Additional Factors														
					Intersection Legs included in Peak Hr Volume and Peak Period Delay	Peak Hour Volume	AM Peak Volume Delay (Hr)	PM Peak Volume Delay (Hr)	TOD with Highest Delay	NHS	RDS	INRIX	LOS D or Worse	TIP 2017 to 2020	MPMS	RTP 2040	PennDOT HCL Corridors 2010-2014	TCRPC High Priority Crash Corridors 2010-2014	CAT Transit Route	Traffic Signal	TCRPC Growth Area	Truck Peak Volume Delay (Hr)	Truck Peak Hour Volume	Truck TOD Highest Delay
58	Hanover St & Main St	Hummelstown Borough	Dauphin	56	4/4	1,231	0:25:29	3:05:16	PM	No	NA	NA	Yes	No		No	No	No	Yes	Isolated	Yes	0:10:07	66	PM
59	Trindle Rd & Army Heritage Dr	Middlesex Twp & South Middleton Twp	Cumberland	35	4/4	1,468	0:31:38	3:03:33	PM	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	0:09:44	16	PM
60	Trindle Rd & 34th St	Camp Hill Borough	Cumberland	70	2/3	1,238	0:22:52	2:59:01	PM	Yes	NA	NA	Yes	No		No	No	No	Yes	Isolated	Yes	0:02:45	97	PM
61	Lingelstown Rd & Forest Rd/Pheasant Rd	Lower Paxton Twp	Dauphin	80	2/4	1,755	0:32:23	2:54:45	PM	No	Yes	Yes	Yes	No		No	No	No	Yes	System	Yes	0:10:10	111	PM
62	State St & 17th St	Lower Allen Twp	Cumberland	23	3/4	698	0:05:17	2:52:17	PM	No	NA	NA	Yes	No		Yes-23	No	No	No	System	Yes	0:06:34	72	PM
63	Governor Rd & Centerview Ln	Derry Twp	Dauphin	78	2/4	1,581	1:14:55	2:46:40	PM	Yes	Yes	Yes	Yes	No		Yes-2	No	No	Yes	System	Yes	0:19:51	25	PM
64	Carlisle Pk & Locust Point Rd	Silver Spring Twp	Cumberland	61	4/4	897	0:10:20	2:42:52	PM	Yes	Yes	No	No	No		No	No	No	Yes	System	Yes	0:27:10	55	PM
65	Walnut St & Locust Ln	Susquehanna Twp	Dauphin	19	3/3	2,163	0:28:14	2:32:01	PM	Yes	Yes	Yes	No	No		No	Yes	No	Yes	System	Yes	0:07:01	51	PM
66	Chocolate Av & Homestead Rd	Derry Twp	Dauphin	41	3/3	1,563	0:54:44	2:26:34	PM	Yes	Yes	No	No	Yes	106333*	No	Yes	No	No	System	Yes	0:13:43	51	PM
67	Locust Ln & Rutherford Rd	Lower Paxton Twp	Dauphin	64	3/4	1,137	0:27:49	2:22:52	PM	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	0:22:02	47	PM
68	High St & Pitt St	Carlisle Borough	Cumberland	87	4/4	1,150	0:08:36	2:21:43	PM	No	Yes	Yes	No	No		No	Yes	Yes	No	System	Yes	0:25:52	78	PM
69	Elizabeth Rd & Schoolhouse Rd	Conewago Twp	Dauphin	58	3/4	1,364	1:05:39	2:19:01	PM	No	NA	NA	No	No		No-43**	No	No	No	Isolated	No	0:19:01	25	PM
70	Holly Pk & Old York Rd	South Middleton Twp	Cumberland	68	4/4	1,526	1:47:38	2:16:57	PM	No	Yes	No	Yes	No		No	No	No	No	Isolated	No	0:13:37	7	PM
71	21st St & Holy Spirit Hospital Dr	East Pennsboro Twp	Cumberland	86	3/3	1,765	0:23:38	2:16:20	PM	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	0:07:19	32	PM
72	Progress Av & Locust Ln	Susquehanna Twp	Dauphin	49	3/3	1,479	0:08:25	2:10:48	PM	No	NA	NA	Yes	No		No	Yes	No	Yes	NA	Yes	0:06:00	155	PM
73	Maclay St & 3rd St	City of Harrisburg	Dauphin	53	4/4	1,534	1:22:12	2:10:17	PM	Yes	NA	NA	No	No		No	No	No	Yes	Isolated	Yes	0:09:22	32	PM
74	Colonial Rd & King George Dr	Lower Paxton Twp	Dauphin	39	2/3	1,116	0:06:40	1:57:26	PM	No	NA	NA	Yes	Yes	105365*	No	No	No	Yes	Isolated	Yes	0:03:57	44	PM
75	Progress Av & Paxton Church Rd	Susquehanna Twp	Dauphin	28	4/4	1,250	1:13:23	1:49:37	PM	No	NA	NA	Yes	No		No	No	No	Yes	System	Yes	0:04:23	106	PM
76	York Rd & Westminster Dr	South Middleton Twp	Cumberland	51	4/4	1,214	0:38:46	1:48:39	PM	No	NA	NA	No	No		No	No	No	Yes	System	Yes	0:06:21	69	PM
77	Market St & 4th St	Halifax Borough	Dauphin	67	3/3	1,133	1:36:58	1:14:56	AM	No	Yes	No	Yes	No		Yes-11	No	No	Yes	NA	Yes	0:05:24	37	AM
78	Sycamore St & S 19th St	City of Harrisburg	Dauphin	45	4/4	3,452	0:05:09	1:31:53	PM	Yes	Yes	No	Yes	Yes	106547	No	Yes	No	Yes	NA	Yes	0:09:52	57	PM
79	Rossmoyne Rd & Lisburn Rd	Lower Allen Twp	Dauphin	42	3/3	1,006	0:10:40	1:26:00	PM	No	NA	NA	Yes	No		Yes-37	No	No	No	Isolated	Yes	0:05:42	37	PM
80	Hogestown Rd & Texaco Rd	Silver Spring Twp	Cumberland	85	3/3	1,421	0:26:12	1:23:47	PM	Yes	Yes	No	No	No		No	No	No	No	System	Yes	0:11:52	32	PM
81	Gettysburg Pk & Lisburn Rd	Upper Allen Twp	Cumberland	38	4/4	886	0:21:08	1:12:04	PM	No	NA	NA	Yes	No		No	No	No	No	Isolated	Yes	0:02:42	42	PM
82	Chestnut St & 3rd St	City of Harrisburg	Dauphin	50	2/3	638	0:35:47	1:11:30	PM	Yes	NA	NA	No	No		No	No	No	Yes	Isolated	Yes	0:11:14	96	PM
83	Walnut St & Hoffer St	Susquehanna Twp & Penbrook Borough	Dauphin	5	3/3	1,067	1:00:01	0:11:44	AM	Yes	NA	NA	No	No		No	No	No	Yes	NA	Yes	0:03:49	107	AM
84	Pleasant View Rd & Bridge Rd	Swatara Twp	Dauphin	59	3/3	885	0:06:48	0:55:20	PM	No	NA	NA	No	No		No	No	No	No	NA	No	0:02:14	139	PM
85	Berryhill St & 13th St	City of Harrisburg	Dauphin	73	4/4	1,092	0:48:28	0:50:22	PM	No	NA	NA	Yes	No		No	No	No	Yes	Isolated	Yes	0:02:28	58	PM
86	Hockersville Rd & Areba Ave	Derry Twp	Dauphin	48	3/4	875	0:03:00	0:40:27	PM	No	NA	NA	No	No		No	No	No	Yes	NA	Yes	0:01:54	21	PM
87	Hershey Rd & Redtop Rd	West Hanover Twp	Dauphin	65	3/3	1,446	0:03:49	0:20:36	PM	No	NA	No	Yes	No		No	No	No	No	NA	No	0:01:47	48	PM
88	York Rd & Petersburg/Carlton Rd	South Middleton Twp	Cumberland	52	4/4	1,700	0:05:12	0:19:44	PM	No	NA	No	No	No		Yes-43	No	No	Yes	NA	Yes	0:01:32	58	PM
89	Manor Dr & Hershey Rd	West Hanover Twp	Dauphin	26	3/3	1,133	0:10:27	0:19:07	PM	No	NA	No	Yes	No		No	No	No	No	NA	No	0:02:06	39	PM
90	Route 581 Off Ramp (Exit 2) & Creekview Rd	Hampden Twp	Cumberland	6	3/3	1,073	0:00:44	0:04:49	PM	Yes	No	No	Yes	Yes	102755	No	No	No	No	NA	Yes	0:33:37	83	PM

Note: Table is sorted by rank from high to low with 1 being the most volume delay (congested) and 90 the least.

\* Resurfacing Project

\*\* Project Added to HATS 2017 Project Tracking Table

Definitions:

Intersection Legs included in Peak Hr Volume and Peak Period Delay - is the number of intersection legs included in peak hour volume calculations. Some intersections contained roadways where no traffic count data was available.

Peak Hour Volume - is the highest of the AM/PM peak hour volume delay for all stage 2 segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater. AM Peak Hour is 8% of AADT and PM Peak Hour is 10% of AADT.

AM Peak Volume Delay (hr) - is the AM peak hour volume delay for all stage 2 segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater.

PM Peak Hour Volume Delay (hr) - is the PM peak hour volume delay for all stage 2 segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater.

TOD with Highest Delay - is the time of day (TOD) with highest delay (AM or PM)

NHS - indicates if a intersection is on a National Highway System (NHS) roadway.

NPMRDS - indicates if a intersection is on a National Performance Management Research Dataset (NPMRDS) roadway with Travel Time Index (TTI) >= 1.4 (averaged for all Friday's in 2016). Values with 'NA' indicate that no NPMRDS data is available.

INRIX - indicates if a intersection is on a INRIX roadway with Travel Time Index (TTI) >= 1.4 (averaged for all Friday's in 2016). Values with 'NA' indicate that no INRIX data is available.

LOS D or Worse - indicates if a intersection exists on roadways with Level of Service (LOS) D or worse from the HATS Regional Travel Demand Model. The LOS was generated for model year 2040, including only projects programmed on the TIP 2017-2020.

TIP 2017-2020 - indicates if a intersection is on the same roadway as a TIP 2017-2020 project.

MPMS - is the TIP 2017-2020 project Multi-modal Project Management System (MPMS) identifier. The '\*' notation indicates a resurfacing project.

RTP 2040 - indicates if a intersection is on the same roadway as a RTP 2040 project. The '\*' notation indicates if a project was added to HATS 2017 project ranking table, and the number indicates the project ranking.

PennDOT HCL Corridors (2009 - 2014) - indicates if a intersection is on a PennDOT high crash location (HCL) corridor. HCL corridors were created by PennDOT using crash data (2009 - 2014).

TCRPC HCL Corridors (2010 - 2014) - indicates if a intersection is on a Tri-County Regional Planning Commission (TCRPC) high priority crash corridor. Crash corridors were derived from PennDOT crash data (2010 - 2014) using a combination of crash severity and crash frequency.

CAT Transit Route - indicates if a intersection is on a CAT transit route.

Traffic Signal - indicates if a intersection traffic signal is 'isolated', or part of 'system'. The notation 'NA' indicates that no traffic signal exists at the intersection. This information was derived from PennDOT's Traffic Signal Asset Management System (TSAMS)

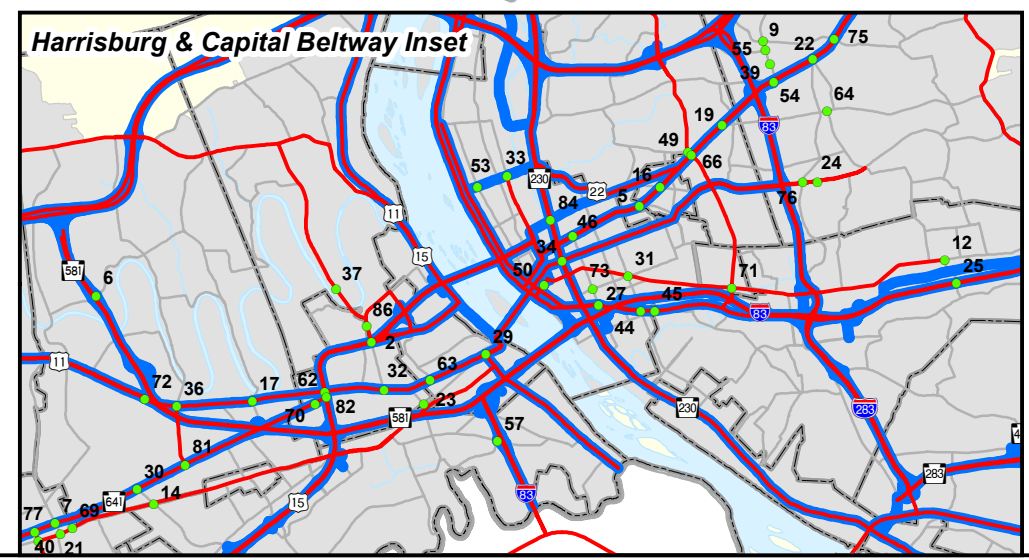
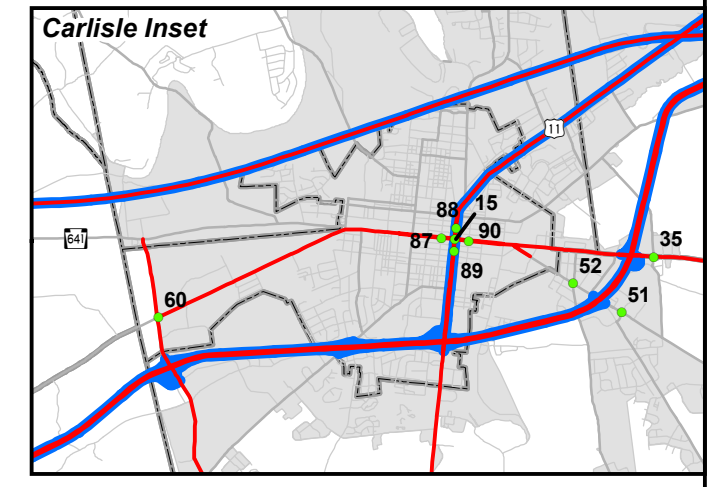
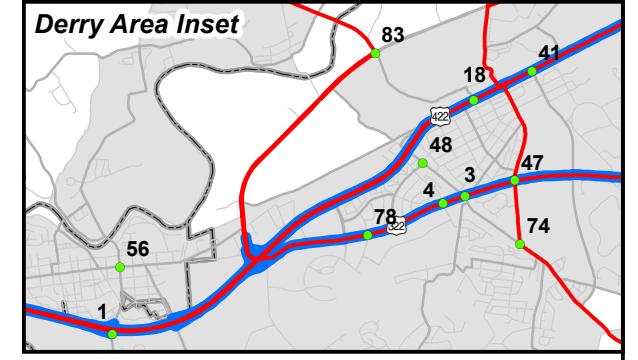
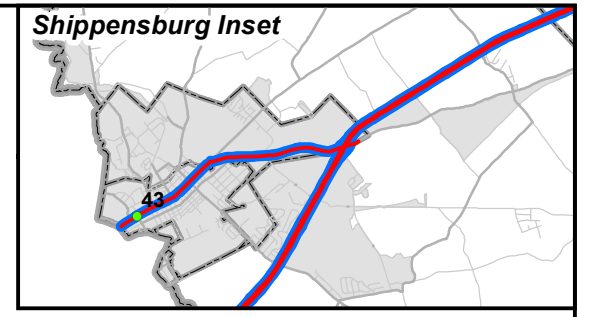
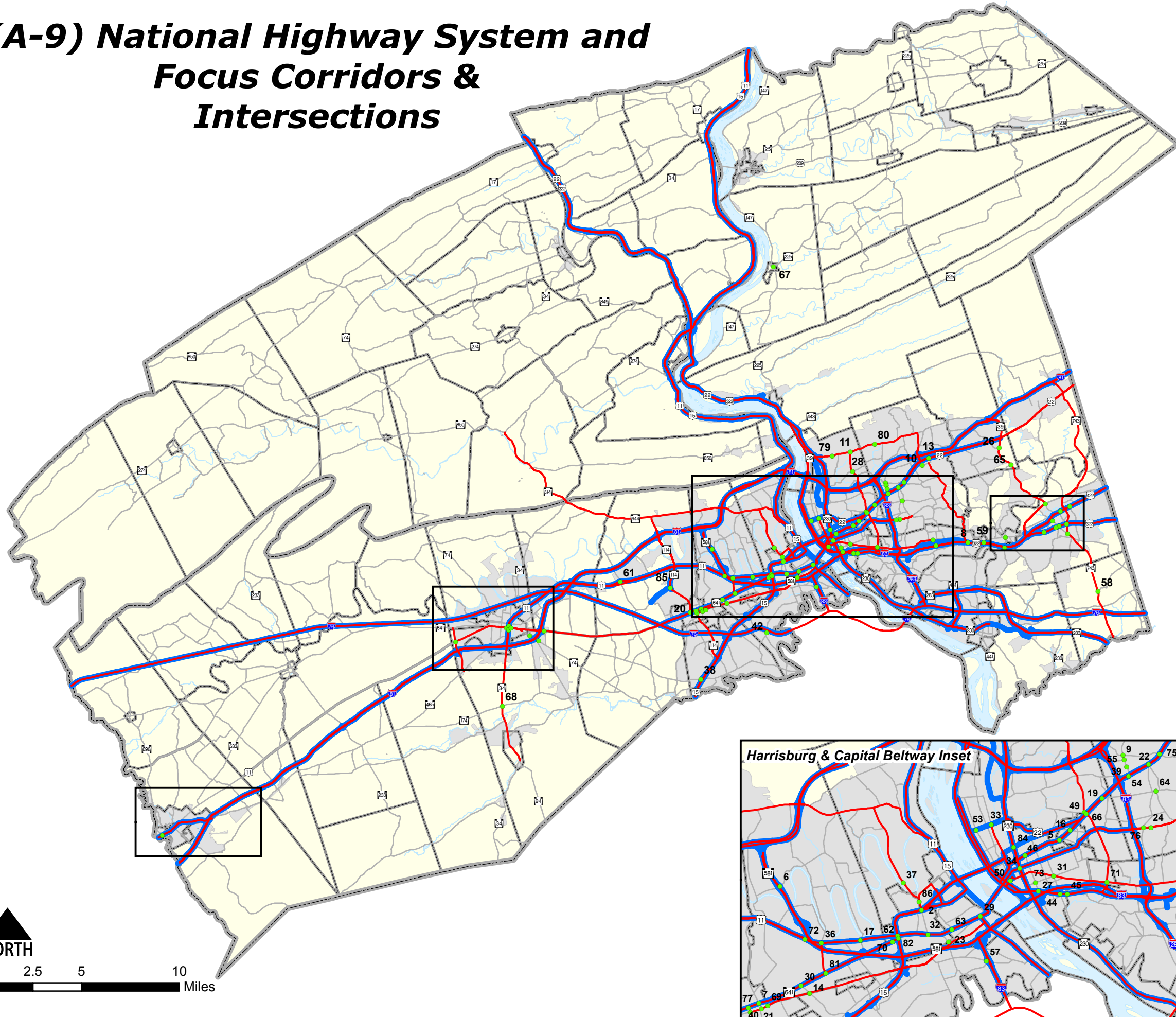
TCRPC Growth Area - indicates if a intersection is located inside a TCRPC growth area identified in the 2011 Regional Growth Management Plan (RGMP)

Truck Peak Hour Volume - is the highest of the AM/PM peak hour truck volume delay for all stage 2 segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater. AM Peak Hour is 5% of AADTT and PM Peak Hour is 6% of AADTT.

Truck Peak Hour Volume Delay (Hr) - is the highest of the AM/PM peak hour truck volume delay for all stage 2 segments as well as the other intersection approach segments, and any other adjacent segments with a TTI of 1.4 or greater.

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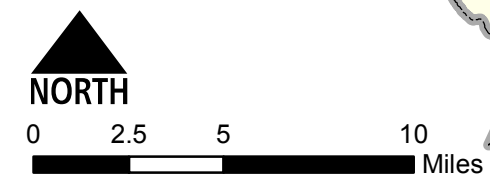
# (A-9) National Highway System and Focus Corridors & Intersections



- 11 Intersection labels
- Stage 3 Intersections
- Focus Corridors
- National Highway System
- PennDOT Roadways
- Rivers and Major Streams
- Urbanized Areas 2010
- Municipal Boundaries
- County Boundaries

### Congestion Management Process Plan

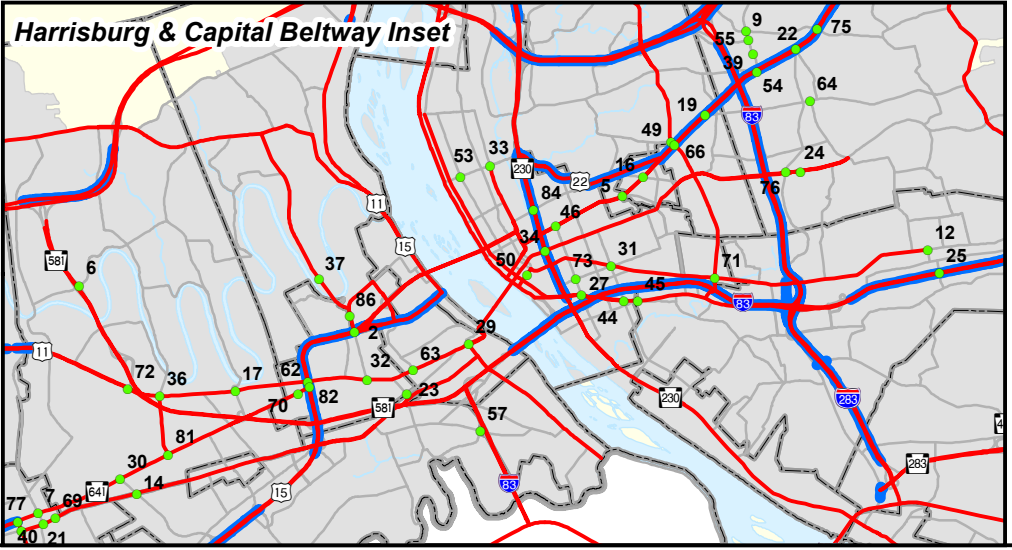
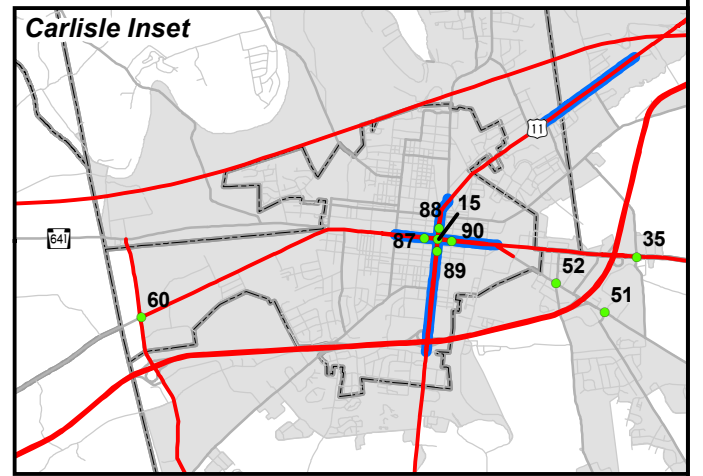
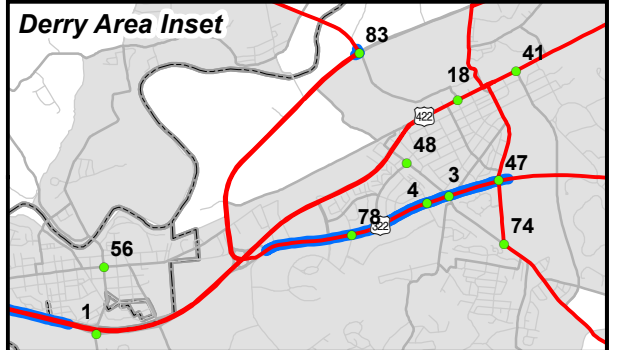
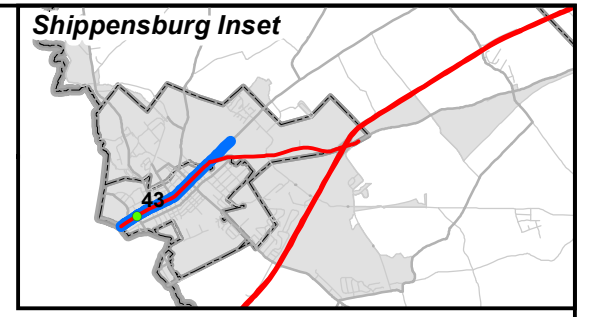
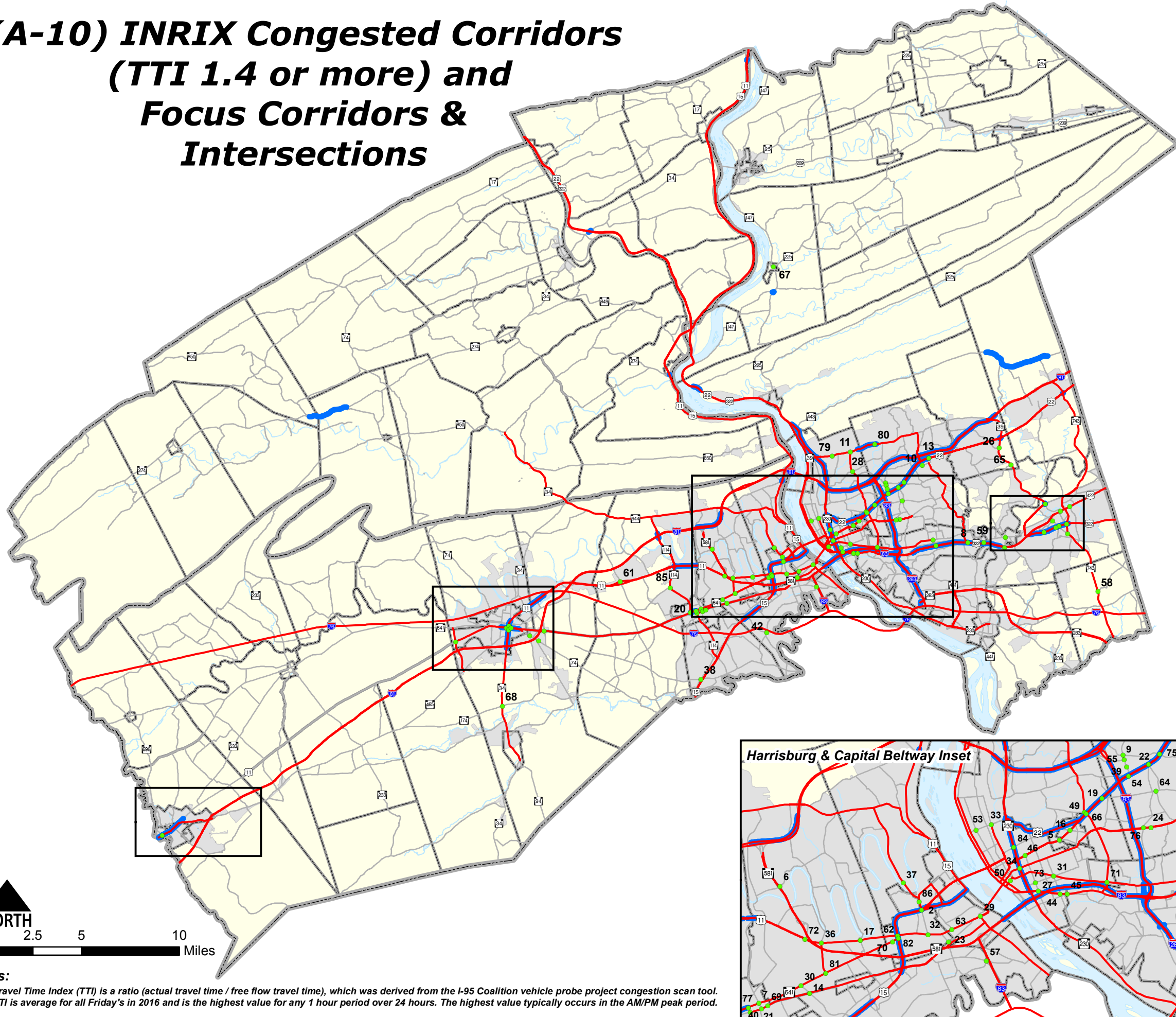
PREPARED DATE: MAY 2017  
 PREPARED BY: TRI-COUNTY REGIONAL PLANNING COMMISSION  
 DATA SOURCE: TomTom, PennDOT, MB, TCRPC



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# (A-10) INRIX Congested Corridors (TTI 1.4 or more) and Focus Corridors & Intersections



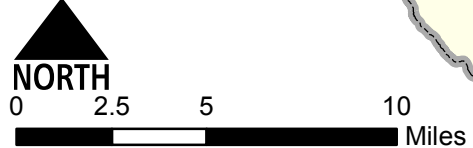
- 11 Intersection labels
- Stage 3 Intersections
- Focus Corridors
- INRIX TTI 1.4 or more
- PennDOT Roadways
- Rivers and Major Streams
- Urbanized Areas 2010
- Municipal Boundaries
- County Boundaries

### Congestion Management Process Plan

PREPARED DATE: MAY 2017  
 PREPARED BY: TRI-COUNTY REGIONAL PLANNING COMMISSION  
 DATA SOURCE: PennDOT, INRIX, TCRPC



**HARRISBURG  
 AREA  
 TRANSPORTATION  
 STUDY**

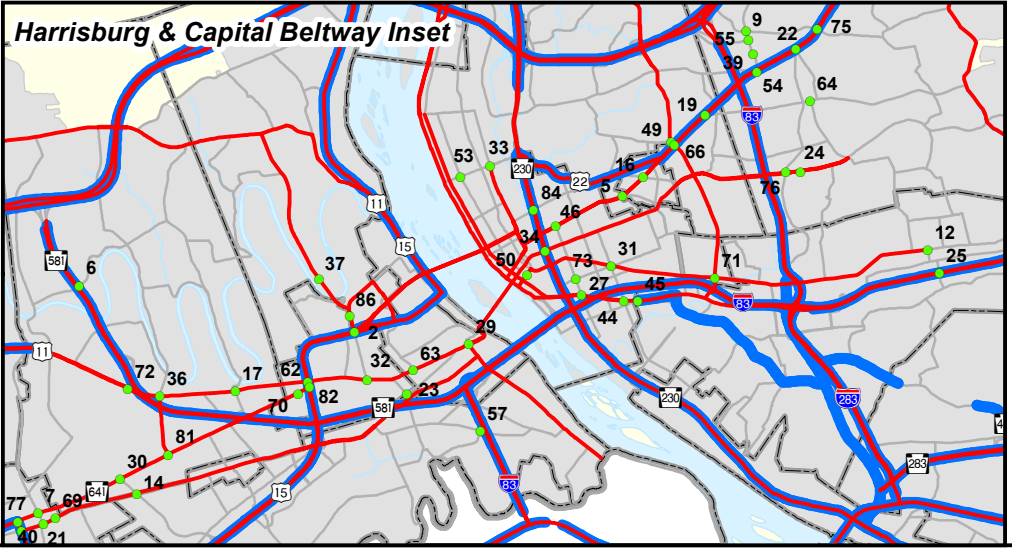
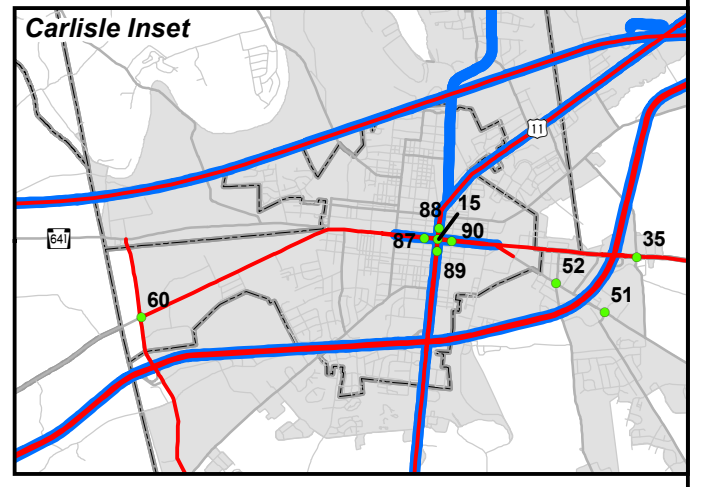
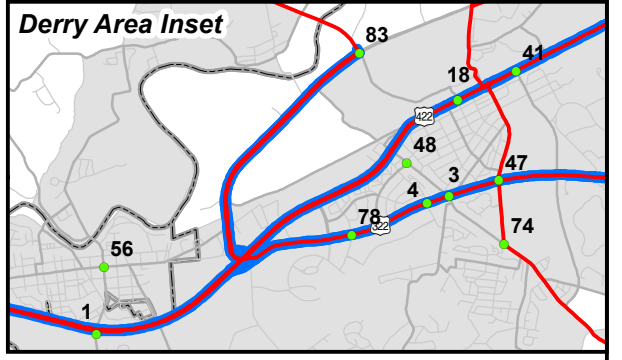
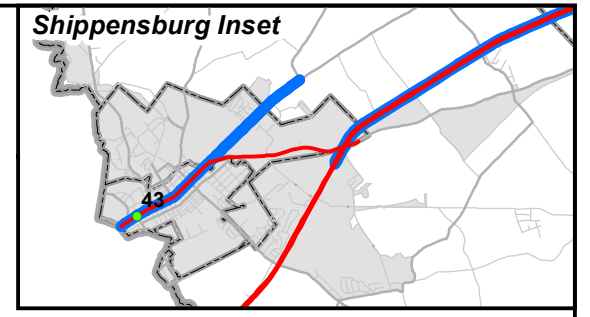
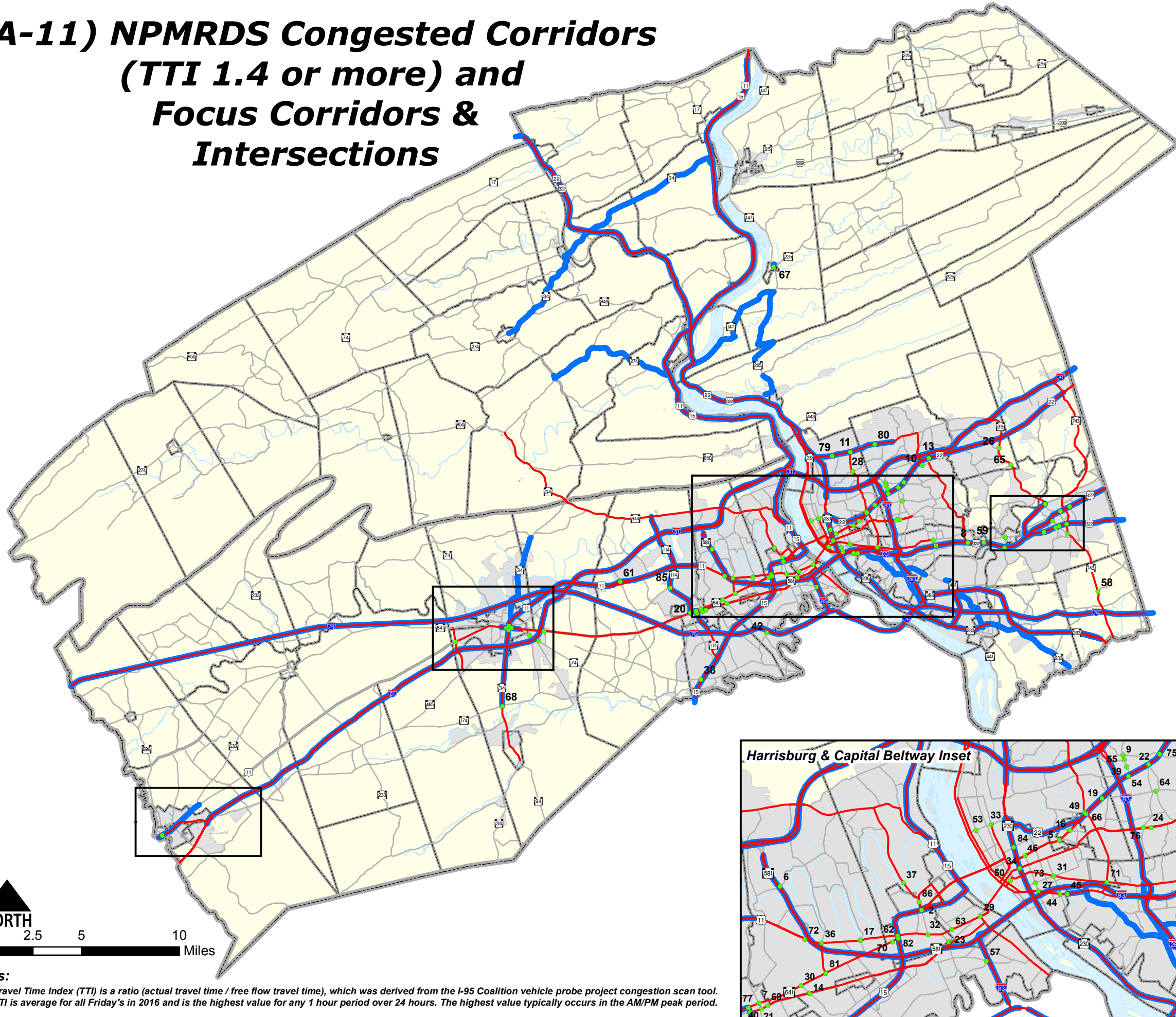


**Notes:**  
 1. Travel Time Index (TTI) is a ratio (actual travel time / free flow travel time), which was derived from the I-95 Coalition vehicle probe project congestion scan tool.  
 2. TTI is average for all Friday's in 2016 and is the highest value for any 1 hour period over 24 hours. The highest value typically occurs in the AM/PM peak period.

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# (A-11) NPMRDS Congested Corridors (TTI 1.4 or more) and Focus Corridors & Intersections



- 11 Intersection labels
- Stage 3 Intersections
- Focus Corridors
- NPMRDS TTI 1.4 or more
- PennDOT Roadways
- ▭ County Boundaries
- ▭ Municipal Boundaries
- Rivers and Major Streams
- ⊕ Urbanized Areas 2010

**Congestion Management Process Plan**

PREPARED DATE: MAY 2017  
 PREPARED BY: TRI-COUNTY REGIONAL PLANNING COMMISSION  
 DATA SOURCE: PennDOT, NPMRDS, TCRPC



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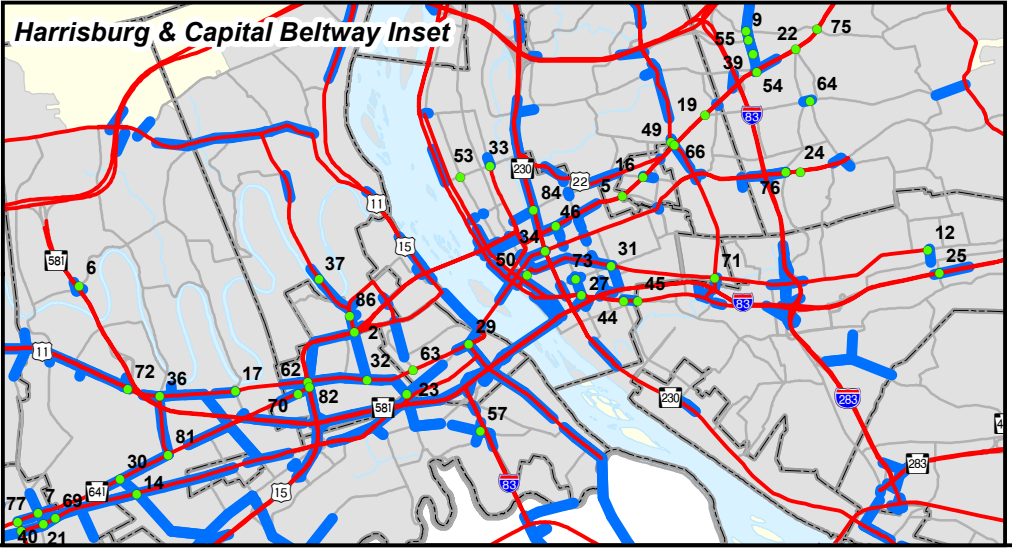
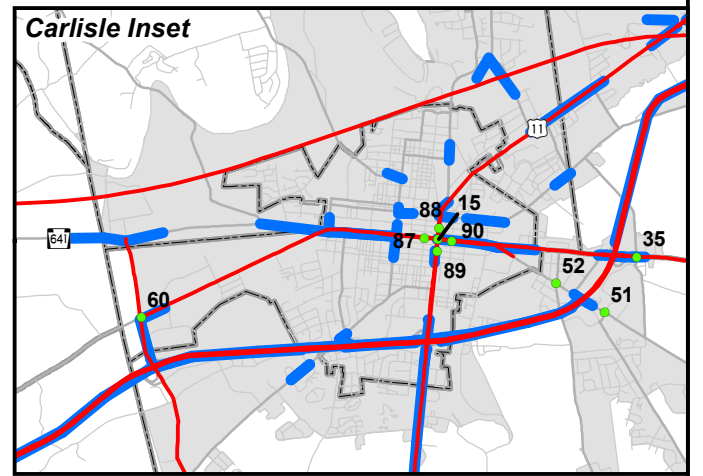
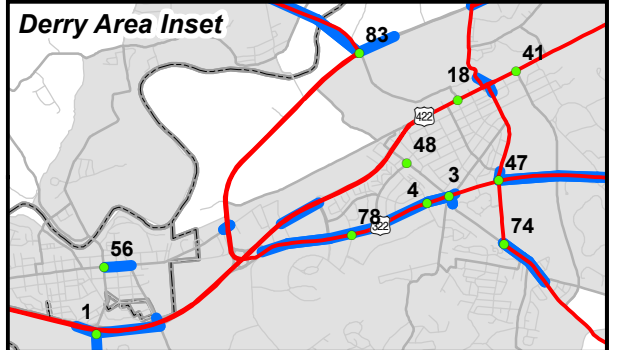
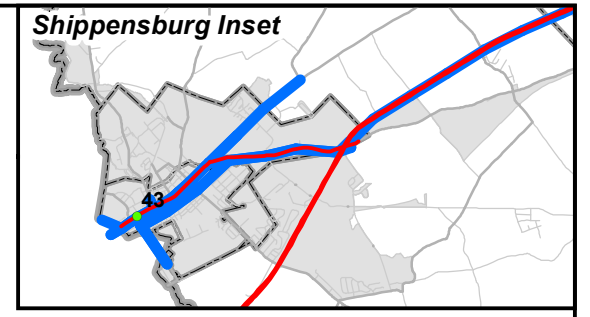
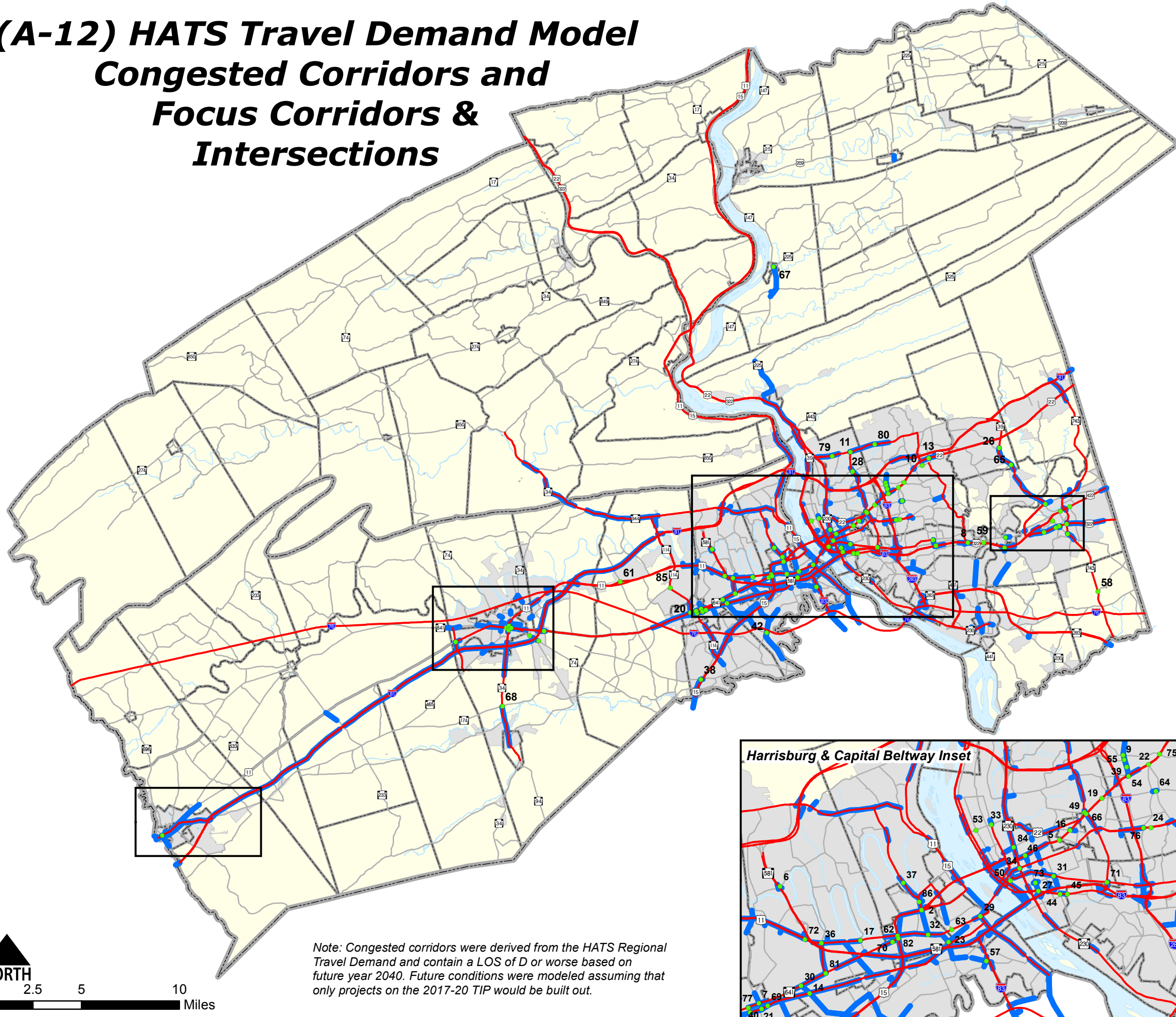
**Notes:**

1. Travel Time Index (TTI) is a ratio (actual travel time / free flow travel time), which was derived from the I-95 Coalition vehicle probe project congestion scan tool.
2. TTI is average for all Friday's in 2016 and is the highest value for any 1 hour period over 24 hours. The highest value typically occurs in the AM/PM peak period.

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# (A-12) HATS Travel Demand Model Congested Corridors and Focus Corridors & Intersections



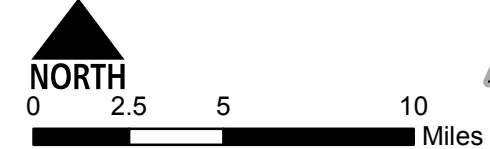
- 11 Intersection labels
- Stage 3 Intersections
- Focus Corridors
- HATS Congested Corridors
- PennDOT Roadways
- Rivers and Major Streams
- Urbanized Areas 2010
- Municipal Boundaries
- County Boundaries

**Congestion Management Process Plan**

PREPARED DATE: MAY 2017  
 PREPARED BY: TRI-COUNTY REGIONAL PLANNING COMMISSION  
 DATA SOURCE: PennDOT, TCRPC



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Note: Congested corridors were derived from the HATS Regional Travel Demand and contain a LOS of D or worse based on future year 2040. Future conditions were modeled assuming that only projects on the 2017-20 TIP would be built out.

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