



Mercer County Regional Planning Commission

*Mercer County
Congestion Management Processes*

PERFORMANCE MONITORING SUMMARY

CMP Corridor #407

PA 258 (Prime Outlets to Mercer)

Data Date: Fall / Winter 2009

PERFORMANCE MONITORING SUMMARY FOR:

CORRIDOR #407	Data Date:	Fall / Winter 2009
PA 258	Limits:	PA 208 (Springfield Township) to SR 3020 / Lamor Rd (Mercer Boro)
	Length:	8.1 Miles
	Volume:	Daily = 1,800-8,700 veh/day; Hourly = 180-870 veh/hr

Applicable Type(s) of Congestion (✓)

	Commuter / Commercial Congestion		Non-recurring Incident Congestion
✓	Town Center / Main Street Congestion		Non-recurring Special Event Congestion
	School Congestion	✓	Isolated Issues / Hot-Spots

Performance Measures (per travel time data or field recon)

---	PREVIOUS UPDATE (none) Total Delay (veh-hr) and (<i>County Rank</i>)	---	PREVIOUS UPDATE (none) Delay Rate (min / mi) and (<i>County Rank</i>)
(n/a)		(n/a)	
15	CURRENT UPDATE (2009) Total Delay (veh-hr) and (<i>County Rank</i>)	0.4	CURRENT UPDATE (2009) Delay Rate (min / mi) and (<i>County Rank</i>)
(15)		(11)	
12.7	Travel Time (minutes)	5.0	Stops (#)
3.1	Delay (minutes)	0.6	Stop Rate (# / mi)
24	Delay Ratio (%)	3	Total Flagged Considerations (#)
38	Average Speed (mph)	9	Estimated Sidewalk Completion (%)

Flagged Considerations (✓)

	National Highway System		Tourism / Recreation / Special Events
	Transit		Community Concerns / Quality of Life
✓	Pedestrian		Growth / Land Use / Economic Impacts
	Bicycle		Roadway Infrastructure (or related)
	Truck Freight	✓	Traffic Operations (or related)
	Rail Freight		Access / Access Control
	Incident Management	✓	Safety or Crash Activity

Adjacent Land Uses (% of corridor length based on segment-level occurrences)

98%	Residential	29%	Religious / Church / Cemetery
26%	Business / Commercial		Health / Medical / Emergency Services
	Industrial / Manufacturing	19%	Government / Institutional
18%	Educational		Other:

Context Description

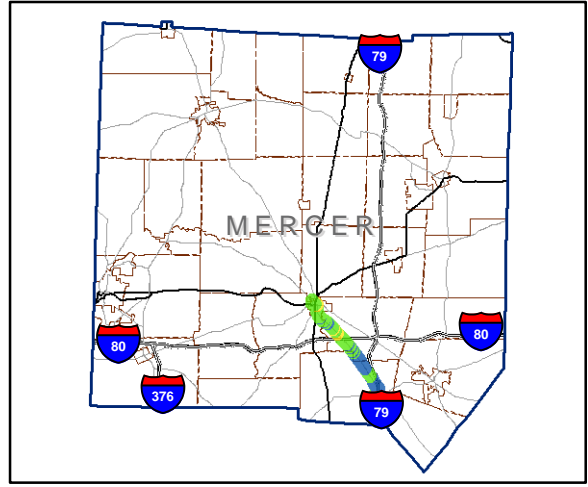
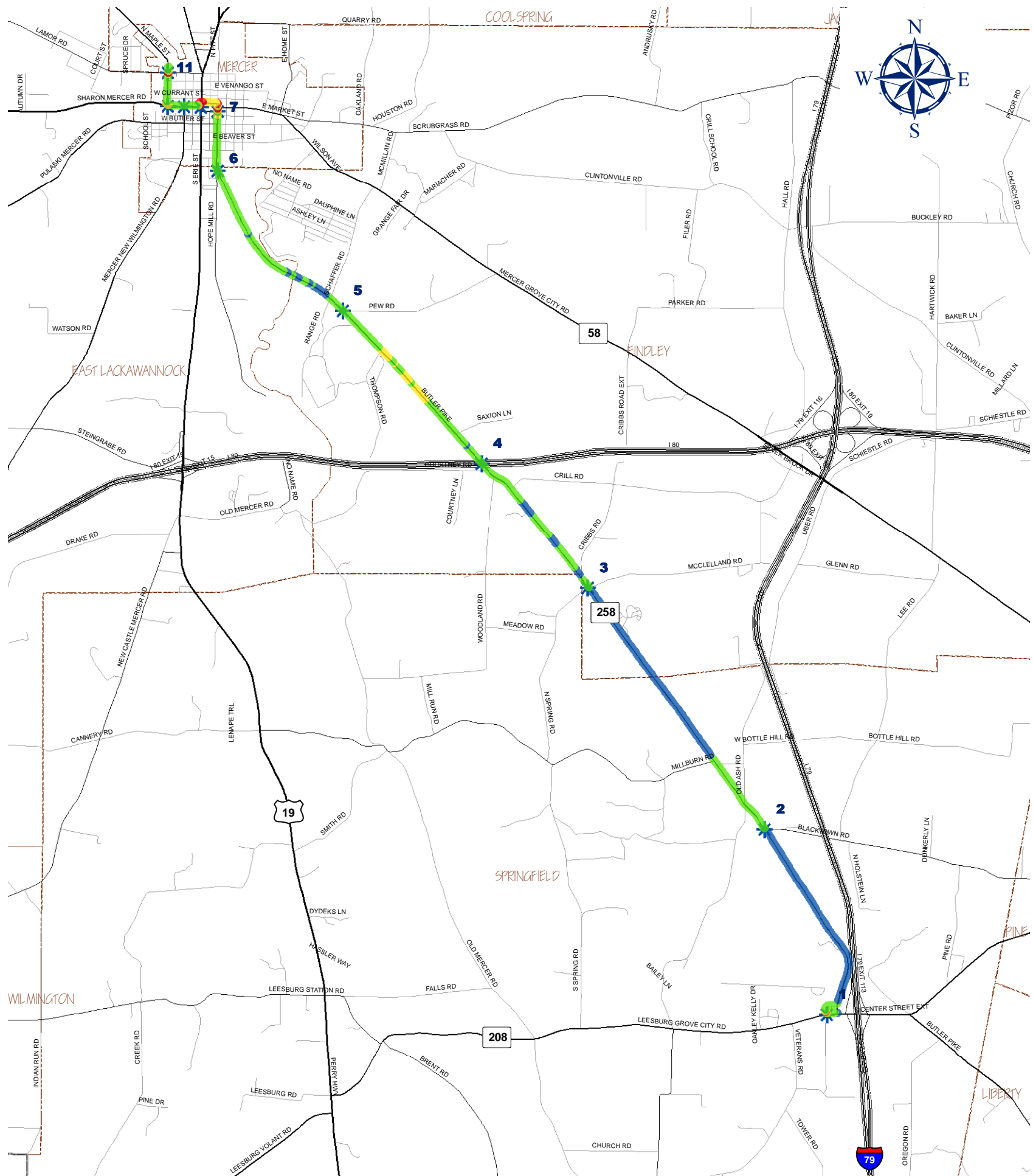
PA 258 is a 2-lane (1-lane in each direction) “community collector” with typical posted speed limits of 35 mph through Mercer and 45-55 mph southeast of Mercer. Its context includes “town / village neighborhood” or “town center” through Mercer, and “rural places” southeast of Mercer. Congestion along the overall corridor appears to be minimal, with the exception of minor delays passing through the courthouse area within Mercer Boro, or when traveling behind slower-moving vehicles in the more rural sections where passing opportunities are occasionally limited. It is anticipated that peak periods of travel coincide with early afternoon peaks in Mercer or various shopping / special event peaks nearer the Prime Outlets site at the corridor’s southern end.

Other Highlights

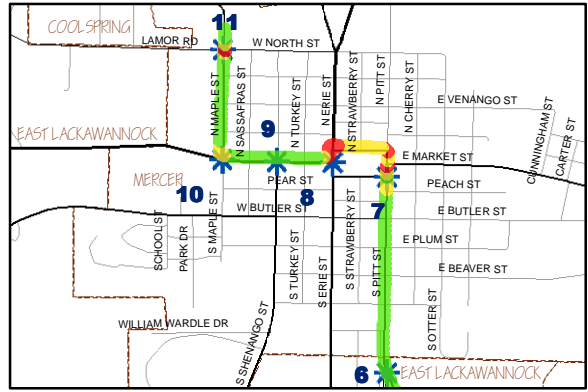
- Town square activities (traffic, parking, pedestrians, etc.) through Mercer.
- 10-ton weight limit and various speed limit changes throughout the corridor, including rural speed limit changes passing throughout Blacktown.
- Institutional access southeast of Mercer (school bus yard, county jail, state correctional institute), as well as some recreational access (KOA campground).
- Possible isolated hot-spots:
 - PA 258 SB at US 62 / West Market Street – potential sight-distance limitation for vehicles turning right.
 - Delays through Mercer and the Diamond Street intersections near the courthouse.

Change Since Previous

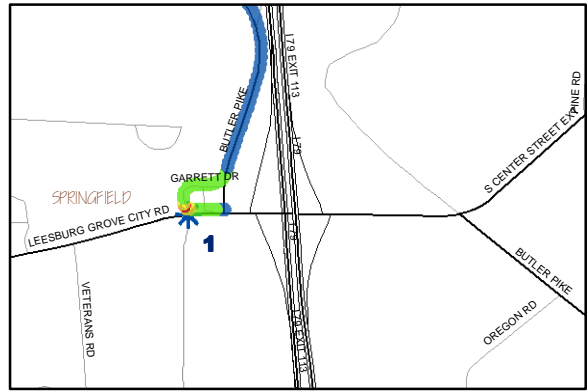
- No change – data contained herein represents baseline conditions for Fall/Winter 2009 as defined during the CMP’s initial corridor assessments.
- Strategy Potential – An initial “Wish List” of Congestion Management Strategies has yet to be determined for this corridor.



Detail 1 - County Location (N.T.S.)



Detail 2 - Mercer (N.T.S.)



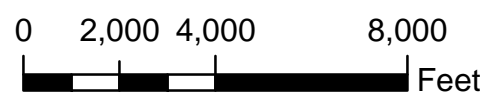
Detail 3 - Prime Outlets (N.T.S.)

LEGEND

- Speed-Based Congestion Estimate**
- Slowed / Stopped (Significant Congestion)
 - Slowed (Moderate Congestion)
 - Free-Flowing (Minimal Congestion)
 - Free-Flowing (No Congestion)

Corridor Nodes, PA 258 @:

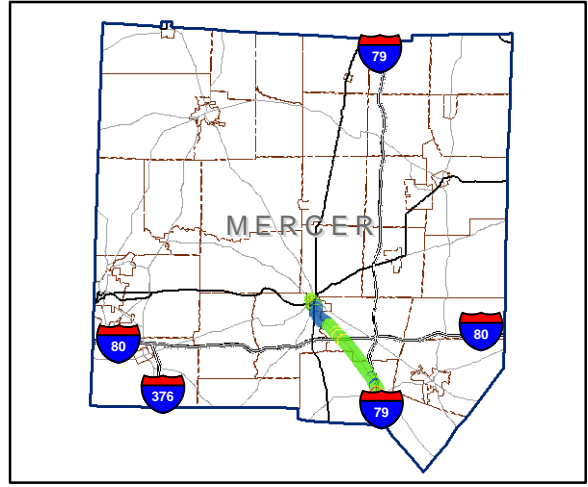
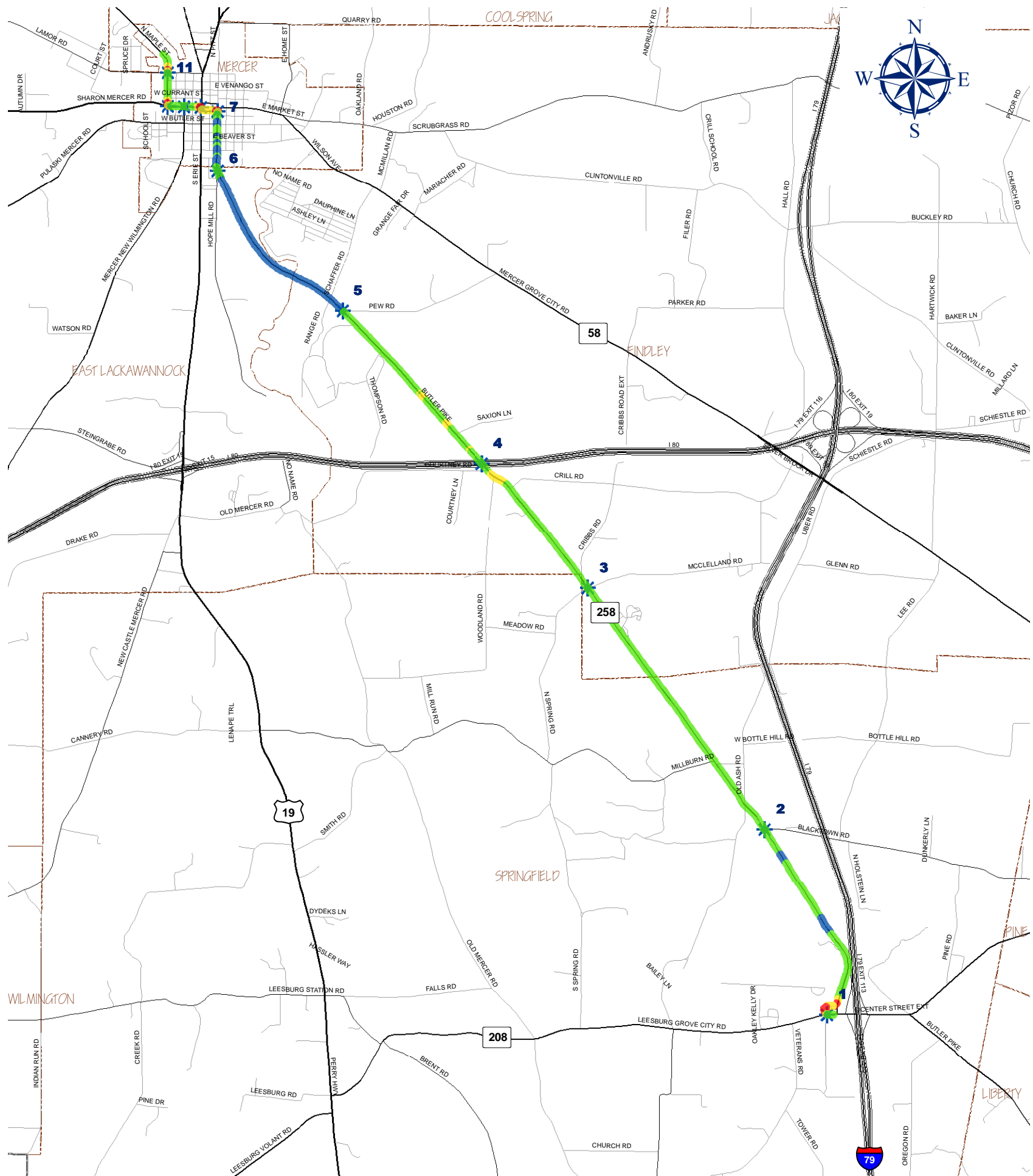
- * 11, Lamor Rd / W North St (SR 3020)
- * 10, US 62, Market St / N Maple St
- * 9, PA 158, S Shenango St
- * 8, US 19, Erie St / W Market St
- * 7, PA 58, Pitt St / S Diamond St
- * 6, Hope Mill Rd (SR 2011)
- * 5, Pew Rd
- * 4, I-80
- * 3, N Spring Rd, McClelland Rd
- * 2, Blacktown Rd (SR 2006)
- * 1, PA 208, Leesburg-Grove City Rd



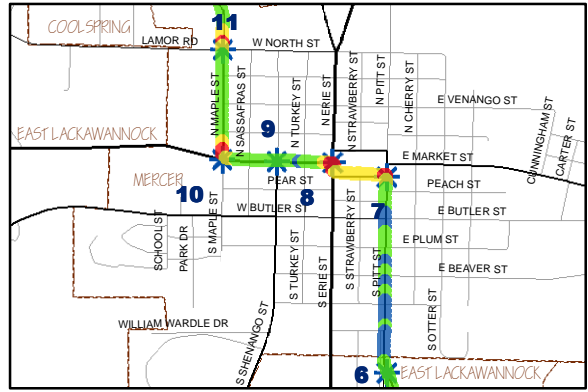
Mercer County CMP

PA 258 (Prime Outlets to Mercer)

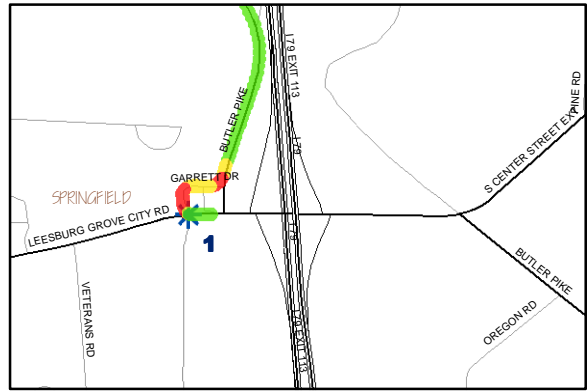
Speed Display Diagram for Typical Weekday PM Peak (NB)



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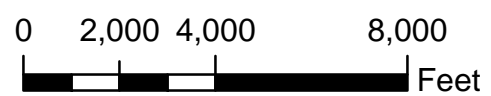
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Speed Display Diagram for Typical Weekday PM Peak (SB)



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Revised 04/27/10