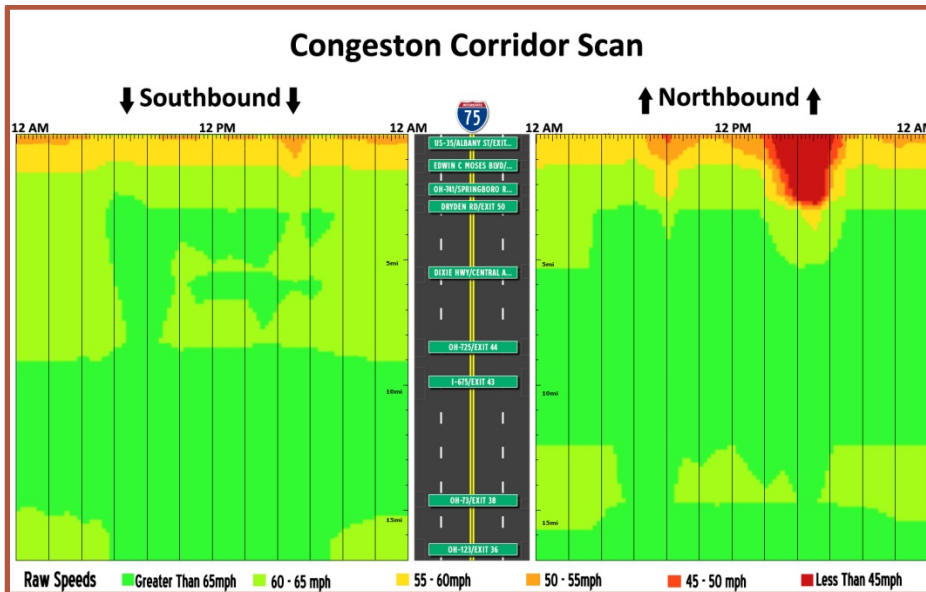


Figure 2.8 — Corridor 5: I-75- S of US 35



## Profile & Statistics

Corridor Profile		
Length	17.65 miles	
Functional Class	Interstate	
Access Control	Limited	
Lanes	6 - 8	
Intelligent Transportation Systems	Designated Corridor? Yes	
	ITS Deployment: Highway Advisory Radio, Other Radios, Cameras, Dynamic Message Sign	
Served by Transit?	Yes – Express Route 5; Route 42	
Part of National Freight Network?	Yes	
Intermodal Connector / Facility	No	
Corridor Summary Data		
Daily Volume: 2010/2040 (est.)	96,000	136,800
Truck Volume: 2010/2040 (est.)	15,400	27,500
Posted Speed	55 mph – 65 mph	
Average Speed (AM Peak Hour: 7-8AM)	65.8 mph	
Average Speed (PM Peak Hour: 4-5PM)	62.8 mph	
V/C Ratio: 2010/2040 (est.) – AM Peak	0.84	1.10
V/C Ratio: 2010/2040 (est.) – PM Peak	0.83	1.09
Travel Time Index (2013 – Peak Hours)	1.06	
Cost of Vehicle Delay (2013)	\$10,700,074	
Total Crash / Crash Rate (2011-2013)	1,781 crashes	1.01 per MVMT

## Other Corridor Characteristics

- This urban corridor connects urban and suburban residential areas in Dayton and northern Warren County with downtown Dayton and is surrounded by significant industrial, retail and office commercial uses.
- This corridor carries one of the highest percentage of truck traffic in the Region and is a significant thoroughfare for freight movement.
- The southern portion of this corridor was widened to four lanes as a recommendation of the North South Transportation Initiative. More recently, a new interchange was built at Austin Pike along this corridor and a partial interchange was upgraded to a full interchange at Exit 47.