

### Work Zone Significance Assessment

per Guidance from District 1 Work Zone Safety Mobility Guide, Section 3.2, pp. 12-13 to meet FHWA Work Zone Safety and Mobility (23 CFR Part 630, Subpart J) and FDM Part 240 Requirements

#### FPID 450726-1 - SR 45 from N of Pondella Road to N of SR 78 - Phase 0

Assessment Date: 10/21/2022

Analyst: Neal Turner E.I.

Project does not exceed the Work Zone Significance criteria  
Project is Work Zone Significant based on following criteria

A project that, alone or in combination with other concurrent projects nearby, is anticipated to cause sustained work zone impacts

An interstate system project within a designated Transportation Management Area for more than three days with intermittent or continuous lane closures

Reassess during project development, i.e., PD&E phase, design phase, as project details and impacts are known

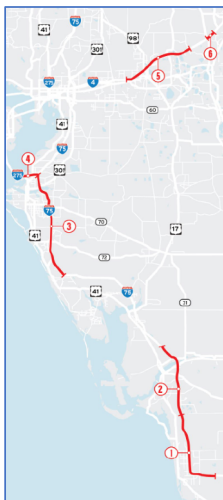
#### Criteria 1 - Traffic Impacts

	Peak Hour/ Peak Direction	Concurrent Project Impact	Heavy Vehicle % *	Anticipated Delay	Network Reliability	Duration of Traffic Impacts
Meets ANY	Art >1,000/ lane Hwy >1,200/ lane Fwy >2,000/ lane	One or more projects in vicinity affected by this project	> 20%	> 15 mins	n/a	>= 2 yrs
RESULT	<b>NO</b>	Unknown	<b>NO</b>	Unknown	n/a	<b>NO</b>
Meets PHPD and one other	Art >800/ lane Hwy >960/ lane Fwy >1600/ lane	n/a	> 10%	> 10 mins	No redundancy in network to ensure mobility during incident	>= 1 yrs
RESULT	<b>NO</b>	n/a	<b>NO</b>	Unknown	<b>NO</b>	<b>NO</b>
Data	Arterial 607 NB per lane 418 SB per lane	Unknown	5.80%	Unknown	US BUS 41 runs Paralell to US 41 here.	Less than 1 year expected

\*Use when peak hour/peak direction traffic is greater than 50% of the values in first column.

Data year 2020, Signal Retiming TMC collection

#### Criteria 2 - Interstate Location within Transportation Management Area



Transportation Management Area	Interstate	From/To	Mile Markers	Within Area?
Sarasota-Bradenton	I-275	I-75 US 19 NB	0 - 5	NO
Bonita Springs	I-75	Collier Blvd Corkscrew Rd	101 - 123	NO
Cape Coral	I-75	Corkscrew Rd Charlotte Co	123 - 149	NO
Sarasota-Bradenton	I-75	Jacaranda Blvd I-275	193 - 228	NO
Lakeland	I-4	Hillsborough Co CR 557	26 - 38	NO
Winter Haven	I-4	US 27 Osceola Co	41 - 46	NO