

SAFETY AND EFFICIENCY PROJECT EVALUATION MATRIX

On the Move: 2007-2035 Regional Transportation Plan

Goal: Designed and operated to promote safe and efficient travel across all modes

OBJECTIVE		ACCESS AND OTHER		CONGESTION						SAFETY							
		High priority for special programs targeted to improving safety and service/ Efficient transportation to all parts of the region		Reduce travel time (congestion and delay) by improving system operations						Safe transportation to all parts of the region/ Truck traffic - safely and more efficiently move freight/ Reduce or eliminate conflicts between modes of transportation							
MEASURES		1. ITS road monitoring & traveler information 2. Access Management 3. Signal Coordination 4. Advance warning signs at RR crossings 5. Access to key destinations		Current Average Daily Traffic	Truck Counts	In a congested area (LOS E- Moderate LOS F- Heavy) *	Change in Vol/Cap and Level Of Service *	Adds travel capacity to an alternative mode	Total Score	No. of crashes and crash rate (No. of crashes / Avg Daily traffic)	No. of truck crashes and truck crash rate (No. of crashes / Avg Daily traffic)	No. of injury and death *	Other factors that would improve safety	level of exposure (# of conflicting veh & trains or peds)	Total Score	Grand Total	
Proj #	Type of Measure	Subjective (Yes/No)	Score (0 - 5)	No.	No.	E/F		High, Medium, Low	Score (0 - 10)	No.	%	No.	%	No.	Yes/No	No.	Score (0 - 10)
SE-1	US 20 widen to 5 lanes and add turns lanes at intersections from Perrysburg to SR420	No		15000	3400			Low		161	1.07%	26	0.17%		Yes, turn lane	N/A	0
SE-2	Widen to 5 lanes Central Ave. from Centennial to Crissey Rd. and add turn lanes	No		16100	3300			Low		7	0.04%	3	0.02%		Yes, additional through and turn lanes	N/A	0
SE-3	Widen I-475/US 23 to 6 lanes from the Perrysburg split to the state line and to Monroe street east-west. Add interchanges at Dorr St and Salisbury/20-A braided interchange. Incorporate recommendations from SR-25 IMS. Incorporate improvements on Corey Rd. and Sylvania Ave. TRAC TIER II	Yes - 5		90600	12100			Low		741	0.82%	91	0.10%		Yes, additional lanes	N/A	0
SE-4	Widen SR 25 to 5 lanes and add turn lanes from Poe to Newton (TIP pipeline)	No		11500	1800			Low		76	0.66%	3	0.03%		Yes, additional through and turn lanes	N/A	0
SE-5	Widen I-75 to 6 lanes from Findlay to Perrysburg	No		60200	15400			Low		279	0.46%	72	0.12%		Yes, additional lanes	N/A	0
SE-6	Maumee River Crossing: Complete new I-280 bridge COMMITTED	No		52400	18000			High - Trails in reuse area and lanes on Craig Bridge		94	0.18%	23	0.04%		Yes, eliminate lift bridge on interstate	N/A	0
SE-7	I-75/I-475 systems interchange improvement , Phase 1 COMMITTED	No		115500	19100			Low		119	0.10%	12	0.01%		Yes	N/A	0
SE-8	I-75/I-475 systems interchange improvement , Phase 2	No		115500	19100			Low		153	0.13%	29	0.03%		Yes	N/A	0
SE-9	Improve I-475 interchange at Salisbury/Dussel COMMITTED	Yes - 5		77100	9700			Low		63	0.08%	11	0.01%		Yes	N/A	0
SE-10	Toledo ITS-Freeway Management System COMMITTED	Yes - 1,2 &3		N/A	N/A			Low		N/A	N/A	N/A	N/A		Yes	N/A	0
SE-11	I-75 widen to 6 lanes from Philips Ave. to I-280 TRAC TIER II	No		91400	19900			Low		98	0.11%	25	0.03%		Yes, additional lanes	N/A	0

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SE-12	I-75 widen to 6 lanes from Washington St. to SR 25/AWT (The southbound SR 25 entrance ramp to southbound IR 75 will enter on the right side using a CD road with the southbound Collingwood entrance ramp) TRAC TIER II	No		82100	17100			Low		38 0.05%	7 0.01%		Yes, additional	N/A		0
SE-13	US 6 from Napoleon to Fremont: Add turn lanes	No		9500	2300			Low		97 1.02%	24 0.25%		Yes, turn lanes	N/A		0
SE-14	US 6 widen to 6 lanes from Napoleon to Fremont: Add through lanes	No		9500	2300			Low		97 1.02%	24 0.25%		Yes, added through lanes	N/A		0
SE-15	SR 64/SR 65/Mechanic St 3-way stop at intersection(signalization, turn lanes and roundabout)	Yes - 3		20500	4200			Low		2 0.01%	0 0.00%		Yes, added turn lanes	N/A		0
SE-16	I-75 / SR 582 interchange--(adding turn lanes at ramp terminals and signals)	No		61700	14500			Low		14 0.02%	3 0.00%		Yes, added turn lanes	N/A		0
SE-17	McCord Rd. /NS grade separation (TIP - RAILROAD GRADE SEPARATION PROGRAM TIER I)	No		24100	1300			Medium - Bike lane included in design		8 0.03%	0 0.00%		Yes, avoid street-rail conflict point	80 per day		0
SE-18	US 20 from Perrysburg to SR 420: ITS	No		15000	3400			Low		161 1.07%	26 0.17%		Yes	N/A		0
SE-19	Grade separation at Wales Road RAILROAD GRADE SEPARATION PROGRAM TIER I	No		2900	350			Low		3 0.10%	0 0.00%		No	120 per day		0
SE-20	Advance warning signs on I-75 at I-80/90 / SR 795	Yes- 1		67000	14800			Low		N/A N/A	N/A N/A		Yes, alert motorists to sudden stops	N/A		0
SE-21	* - I-80/90 at SR795 / I-75: Increase turnpike entrance capacity (add 2-3 reversible booths)	No		67000	14800			Low		N/A N/A	N/A N/A		No	N/A		0
SE-22	Make SR 795 (2000 feet) 4 lanes to I-280 from Lemoyne Rd. to Pemberville Rd.	No		15700	1800			Low		32 0.20%	6 0.04%		Yes, additional lanes	N/A		0
SE-23	Upgrade Buck Rd./Lime City Rd. intersection, add turn lanes, signalization (TIP pipeline)	Yes - 3		12300	450			Low		N/A N/A	N/A N/A		Yes, additional turn lane	N/A		0
SE-24	Detroit/Telegraph/Laskey Roundabout	Yes - 5		15600	2400			Low		N/A N/A	N/A N/A		Yes, reduced crash angles	N/A		0

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SE-25	Douglas/Laskey/Tremainsville roundabout	Yes - 5		26000	2500			Low		N/A	N/A	N/A	N/A	Yes, reduced crash angles	N/A	0
SE-26	Heatherdowns/Garden Rd. (Holland-Sylvania Rd. to Manley Rd.)--Widen/replace bridge	No		27800	1700			Low		9	0.03%	0	0%	No	N/A	0
SE-27	ITS: improve signal coordination (Woodville Rd, Navarre Ave, Monroe St, Sylvania Ave, Central Ave, McCord Rd, Holland-Sylvania Rd, US 24, US 25, Reynolds Rd, US 20, US 20-23, Alexis Rd, Telegraph Rd, Summit St, Airport Hwy, Perrysburg-Holland Rd) from the ITS plan	Yes - 3		N/A	N/A			Low		N/A	N/A	N/A	N/A	Yes	N/A	0
SE-29	Add a new I-75 interchange north of Bowling Green	Yes - 5		57200	14200			Low		N/A	N/A	N/A	N/A	No	N/A	0
SE-30	Douglas Rd. at UT--Grade-separated pedestrian crossing, tie into Westside Technology Corridor	Yes - 5		21800	1900			High		N/A	N/A	N/A	N/A	Yes, avoid street, ped conflict point	N/A	0
SE-44	City of Toledo ITS traffic signal computer & interconnects COMMITTED	Yes - 1, 3		N/A	N/A			Low		N/A	N/A	N/A	N/A	Yes	N/A	0
SE-45	Wheeling St, widen Pickle-Navarre COMMITTED	No		12600	550			Low		27	0.21%	2	0.02%	Yes	N/A	0
SE-46	Sylvania Ave., widen McCord Rd. to Holland-Sylvania Rd. COMMITTED	No		30100	1100			Low		49	0.16%	3	0.01%	Yes	N/A	0
SE-47	Advance Warning signal for grade crossing (Westwood/NS, Consaul/NS&CSX, Matzinger/CSX&AA, Summit/CSX)	Yes - 4		N/A	N/A			Low		N/A	N/A	N/A	N/A	Yes	W-80, C-51, M-50, S-45 /day	0

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