Corridor 8: US 40, from US 13 split to MD Line

Corridor 8: US 40, from US 13 split to MD Line							Capital Projects Along Corridor		
Progress in Traffic Responsive Sig	Peak Volume Based LOS (Vehicles per Hour)	2	73			US 40 &	ECTION Pleasant	STATUS Recently converted to 4-way intersection	
Implementation Timing Improvements Implemented	Progress Timing improvements implemented; corridor still being monitored.	 LOS C: Under 1,300 veh/h LOS D: 1,300-1,450 veh/hr LOS E: 1,450 - 1,600 veh/h LOS F: More than 1,600 veh/h 	r. 1 r .			0 & US 13 OS D/ PM LOS F	US 40 &	Glasgow	Identified in the Highways Safety Improvement Program (HSIP). Schedule for construction in FY 2015 (\$250,000).
Traffic Monitoring Equipment Installed		 Other signals along corrid 				e 635	SR 896	& US 40	Programmed for Preliminary Engineerin for grade separation (FY 2016-2018).
Signals Brought Online w ith TMC Signal Softw are Upgrades	<u> </u>		US 40 & Gov. Square AM LOS A/ PM LOS E				US 40 & C		No planned/programmed improvements
Converted to Traffic Responsive System (TRS)	-	US 40 & Church Rd. AM LOS B/ PM LOS D			S 40 & SR 7		US 40 & I		Identified in the Highways Safety Improvement Program (HSIP). Schedul for construction in FY 2014.
					Inset Map	US 40 8	& SR 72	Currenty programmed in TIP/CTP . Scheduled for construction in FY 2018 (\$11,500,000).	
US 40 &	US 40 & SR 72 AM LOS E/ PM LC				5 A		US 40		Identified in the Highways Safety Improvement Program (HSIP). Schedu for construction in FY 2016 (\$750,000)
US 40 & Pleasant Valley Rd.	US 40 & Porter Rd. AM LOS B/ PM LOS E				S	iq.	No planned/programmed improvement		
						Source -		& US 40	No planned/programmed improvements
	INTERSECTION		MAND OVERAGE		VOLUME LOS PM	ent Options for Priority Inters OPTIONS	sections		COMMENTS
	US 40 & Governor's Sq.		- 229	A*	1 .	Replace split phasing with 8 Phase timi ovide a 4th WB through lane on Rt. 40.	phasing with 8 Phase timing plan. B through lane on Pt 40		nge will require pavement marking updates and si or the side street approaches. e alone will not reduce LOS to C or better.
Mean Travel Tin				A*		Retain split phasing. ovide a 4th WB through lane on Rt. 40.			
East Bound AM: 19.2 min PM: 24.0 min	US 40 & Church Rd.		- 66	В*	C 1.	Provide a 3rd WB through lane.			
West Bound	US 40 & Porter		- 218	B*		Provide a 3rd WB and EB through lane ovide a 2nd SB through lane on Porter F			VB and EB through lanes on Rt. 40 but without the Joh lane on Porter Rd. the PM LOS is a D -1306 v

West Bound AM: 21.0 min

PM: 23.3 min

기만 기 Currenty programmed in TIP/CTP to add northbound/southbound through lanes and eastbound/westbound left-turn lanes which will provide double left-1 US 40 & SR 72 213 turn lanes at all legs of the intersection to address operational problems at the intersection. This project will also include improvements to the SR 72, -Wrangle Hill Road/Del Laws Road Intersection. Scheduled for construction in FY 2018 (\$11,500,000). 1. Provide a 3rd SB through lane, and в 11 Α provide a 3rd EB through lane. D US 13 & US 40 61 440 С D 2. Provide 3rd SB through lane only.

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2. Provide a 3rd WB and EB through lane on Rt. 40.

added SB through lane on Porter Rd. the PM LOS is a D -1306 vph.

VILMAPCO