

Intersection Operations

WIS 113 and County P Intersection

Scenario	AM Peak Hour			PM Peak Hour		
	Overall LOS	Worst Movement LOS	Maximum Queue	Overall LOS	Worst Movement LOS	Maximum Queue
Existing Conditions	EB Left LOS C (16.3 sec)		EB Left (25 feet)	EB Left LOS E (42.0 sec)		EB Left (220 feet)
2040 No Build	EB Left LOS C (21.1 sec)		EB Left (25 feet)	EB Left LOS F (>150 sec)		EB Left (575 feet)
Alternative 1: 2040 3-Leg Signal	LOS B (19.1 sec)	EB Left LOS C (22.7 sec)	SB Right (165 feet)	LOS B (19.9 sec)	EB Left LOS C (22.1 sec)	SB Right (255 feet)
Alternative 2: 2040 4-Leg Signal	LOS C (29.8 sec)	WB Left LOS D (40.4 sec)	SB Thru/Right (360 feet)	LOS C (33.3 sec)	SB Left LOS D (47.1 sec)	NB Thru (360 feet)
Alternative 3: 2040 3-Leg Roundabout	EB Right LOS B (11.5 sec)		SB Right (125 feet)	EB Left/Thru/Right LOS B (12.3 sec)		EB Left/Thru/Right (120 feet)
Alternative 4/5: 2040 4-Leg Roundabout	SB Left/Thru/Right LOS C (18.5 sec)		SB Left/Thru/Right (435 feet)	NB Left/Thru/Right LOS A (6.5 sec)		NB Left/Thru/Right (165 feet)