

ATTACHMENT 7

TRAFFIC SIGNAL WARRANT ANALYSIS WORKSHEET

INTERSECTION: MD 182 & WB Queensguards Rd

MAJOR - 2 lane(s)

85% Speed is < 40 mph

=> speed factor = 1

MINOR - 1 lane(s)

***** (LEFT LANE ONLY) *****

Time	TOTAL TRAFFIC		WARRANT #1				WARRANT #2	WARRANT #3
			Condition A Minimum Vehicular		Condition B Interruption of Cont. Traf.		Four Hour Volumes	Peak Hour Volume
			MAJOR (600 VPH)	MINOR (150 VPH)	MAJOR (900 VPH)	MINOR (75 VPH)		
7:00 AM	2501	123	x		x	x	x	x
8:00 AM	2226	51	x		x			
9:00 AM	1326	43	x		x			
10:00 AM	1116	33	x		x			
11:00 AM	1056	50	x		x			
12:00 PM	1055	25	x		x			
1:00 PM	1086	22	x		x			
2:00 PM	1406	40	x		x			
3:00 PM	1692	38	x		x			
4:00 PM	1943	35	x		x			
5:00 PM	2186	40	x		x			
6:00 PM	2317	32	x		x			
hours satisfied			0		1		1	1

—————> **WARRANT #1-A (8 hours required) IS NOT SATISFIED**

—————> **WARRANT #2 (4 hours required) IS NOT SATISFIED**

—————> **WARRANT #1-B (8 hours required) IS NOT SATISFIED**

—————> **WARRANT #3 (1 hour required) IS SATISFIED**

—————> **WARRANT #1-combination A + B (8 hours required) IS NOT SATISFIED**



**EXHIBIT D-4
SIGNAL WARRANT ANALYSIS
MD 182 & QUEENSGUARDS RD**