



Kentucky Transportation Cabinet
 Division of Traffic Operations
 TRAFFIC SIGNAL WARRANT ANALYSIS

TC 72-6
 10/2013

COUNTY Jefferson DATE February 23, 2017 DAY OF WEEK Thursday
 CITY Louisville MILEPOST 2.9 NO. OF CORRECTIBLE CRASHES IN 12 MONTH PERIOD 6
 MAJOR STREET NAME Bluegrass Pkwy NO. OF MAJOR STREET APPROACH LANES 1
 MINOR STREET NAME Tucker Station Rd NO. OF MINOR STREET APPROACH LANES 1
 POSTED SPEED LIMIT MAJOR SREET 35 MPH POPULATION < 10,000 YES NO
 POSTED SPEED LIMIT MINOR SREET 35 MPH REDUCED WARRANTS BASED UPON SPEED POPULATION

TIME	MAJOR STREET TWO WAY VOLUME	MINOR STREET HIGHEST VOLUME APPROACH	Warrant 1 Condition A		Warrant 1 Condition B		Warrant 7 - CRASH EXPERIENCE (Warrant 1 Condition A or B 80% Satisfied) AND (5 or More Correctible Crashes in 12 Month Period)			
			Minimum Vehicular Volume		Interruption of Continuous Traffic		Warrant 1 Condition A - 80%		Warrant 1 Condition B - 80%	
			MAJOR	MINOR	MAJOR	MINOR	MAJOR	MINOR	MAJOR	MINOR
			500 (1)	150 (1)	750 (1)	75 (1)	400 (1)	120 (1)	600 (1)	60 (1)
			600 (2)	200 (2)	900 (2)	100 (2)	480 (2)	160 (2)	720 (2)	80 (2)
Are Side Street Rights Included?		REDUCED WARRANTS				REDUCED WARRANTS (56% Reduction)				
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	350 (1)	105 (1)	525 (1)	53 (1)	280 (1)	84 (1)	420 (1)	42 (1)	
		420 (2)	140 (2)	630 (2)	70 (2)	336 (2)	112 (2)	504 (2)	56 (2)	
		(1) = ONE LANE APPROACH				(2) = TWO LANE APPROACH				
7-8 am	755	135	X		X	X	X	X	X	
8-9 am	741	178	X	X		X	X	X	X	
9-10 am	307	74							X	
10-11 am	249	63							X	
11-12 am	311	114				X			X	
12-1 pm	445	98				X	X		X	
1-2 pm	436	86				X	X		X	
2-3 pm	346	76				X			X	
3-4 pm	429	109				X	X		X	
4-5 pm	706	163	X	X		X	X	X	X	
5-6 pm	899	215	X	X	X	X	X	X	X	
6-7 pm	509	82	X			X			X	
NUMBER OF HOURS			3		2		4		4	
COMPLIANCE			NO		NO		NO			