

**City of Racine: Engineering Dept. - Traffic/Speed Study - Erie Street, Between Melvin and 3 Mile Road**

LOCATION	100 BLK	SPEED LIMIT MPH	START DATE	END DATE	TOTAL VEH'S	VEHICLES > 10 MPH OVER POSTED SPEED	AVG. SPEED MPH	MAX. SPEED MPH	50TH% SPEED MPH	85TH% SPEED MPH	PERCENT VEH'S 11+ MPH OVER SPEED LIMIT
Site #4	2300	25	8/1/2017	8/7/2017	6522	366	26.87	53	29	34	5.61%
(Site #4 is for comparison only - located south of study area. Narrower cross section & lower posted speed limit) (NOT FOR AVG.)											
Site #1	3300	30	8/1/2017	8/7/2017	13932	215	27.12	53	32	40	1.54%
Site #2	3400	30	8/1/2017	8/7/2017	14575	247	34.5	68	32	40	1.69%
Site #3	3600	30	8/1/2017	8/7/2017	12771	696	32.5	65	34	39	5.45%
Site Avg.		30	8/1/2017	8/7/2017	41278	1158	31.37	68	33	38	2.81%

Traffic counting tubes were placed at several locations along Erie Street to collect speed data. The intent was not to be as obvious as locating a Speed Trailer at the locations, and to collect data at multiple locations concurrently.

See above indicating potential problem locations where over 3.0% of the vehicles are > 10MPH over the posted Speed. The State of Wisconsin considers a location a problem if 3.0% of the traffic volume is traveling at 11 MPH or above.



= Indicates an additional Site studied for comparison purposes only, not considered in Avg.



= Indicates and Average of the 3 Sites within the Study area.

Assumption: Data collected and grouped in 5 MPH increments - assumed that the data is distributed evenly over the 5 MPH increment.