

City of Racine: Engineering Dept. - Traffic/Speed Study - Kinzie Ave., Between Lilac and Ostergaard

DIRECTION	100 BLK	SPEED LIMIT MPH	START DATE	END DATE	TOTAL VEH'S	VEHICLES > 11 MPH OVER POSTED SPEED	AVG. SPEED MPH	MAX. SPEED MPH	50TH% SPEED MPH	85TH% SPEED MPH	PERCENT VEH'S 11+ MPH OVER SPEED LIMIT
WB	5200	30	3/26/2018	3/28/2018	4974	140	31	60	31	36	2.81%
EB	5200	30	3/26/2018	3/28/2018	4292	160	31	60	31	37	3.73%
BOTH	5200	30	3/26/2018	3/28/2018	9266	300	31	60	31	36	3.24%

Traffic counting tubes were placed on Kinzie Avenue to collect speed data. The intent was not to be as obvious as locating a Speed Trailer at that location, and to if there is a problem that can be corrected. See above indicating potential problem locations where over 3.0% of the vehicles are > 11MPH 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.

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