

Mount Pleasant Ride Validation Site
MDOT Truck measurements, 2015 (Farnum)

Run	IRI Left	IRI Right
1	143.3	156.7
2	144.8	161.3
4	143.0	164.2
6	145.2	163.1
7	145.9	162.4
9	142.5	164.5
10	146.4	162.6
12	144.3	159.4
13	149.0	164.6
14	144.4	160.6

Average	144.9	161.9
Std. Dev.	1.91	2.51
Coef Var.	1.32	1.55

Acceptable range for each index value (plus or minus two standard deviations)

<u>Minimum</u>	<u>141.1</u>	<u>156.9</u>
<u>Maximum</u>	<u>148.7</u>	<u>167.0</u>

These runs not used.

11	146.1	165.7
3	140.4	154.5
8	140.3	153.1
5	139.5	155.4

Location

On Corporate Way, west of Mt; Pleasant TSC. Do runs going west.
PK nail placed adjacent to fire hydrant on north side which lines up with east Meijer driveway to the south. Start Transology based profilers 16.25 feet east of PK nail adjacent to fire hydrant.
Start other profilers at PK nail adjacent to fire hydrant.
Lanes are wide. Do runs with left laser 3 feet right (north) of centerline.

Directions

Exit US-127 at M-20 (Pickard Street). Head west roughly 1 mile to Packard Street. Turn north on Packard. Turn left (west) onto Corporate Way. Site is just west of the east driveway to Meijer.

Approximate coordinates are **43.615513, -84.763074** (estimated from Google Earth)

Notes

Minimal traffic control needed, 35 MPH city street.
Parking available at MDOT TSC.