

Auburn Hills Ride Validation Site
MDOT SSI Van measurements May 05, 2013 (Farnum)

| Run | IRI Left | IRI Right |
|-----|-------------|--------------|
| 13 | 176.99 | 236.91 |
| 11 | 181.04 | 233.83 |
| 10 | 180.06 | 230.78 |
| 9 | 185.73 | 234.69 |
| 8 | 176.48 | 233.72 |
| 7 | 176.33 | 237.24 |
| 6 | 181.97 | 248.33 |
| 5 | 185.58 | 240.09 |
| 4 | 184.34 | 238.55 |
| 2 | 180.23 | 231.72 |

| | | |
|------------------|--------------|--------------|
| Average | 180.9 | 236.6 |
| Std. Dev. | 3.58 | 5.07 |
| Coef Var. | 1.98 | 2.14 |

Acceptable range is plus or minus two standard deviations

| | | |
|-----------------|---------------|---------------|
| Minimum: | 173.72 | 226.45 |
| Maximum: | 188.03 | 246.73 |

Runs not used:

| | | |
|----|--------|--------|
| 1 | 196.33 | 231.2 |
| 12 | 171.38 | 240.36 |
| 3 | 187.33 | 246.37 |
| 14 | 172.57 | 231.62 |

Location:

This site is located on north bound W. Lapeer Rd. beginning at the terminal end of the concrete downspout located at the north end of the west drive opening on the to the business located at 2965 W. Lapeer Rd. Equipment can be parked at one of the nearby MDOT facility parking lots. This is a low traffic roadway in an industrial park and should require minimal traffic control. A PK nail and a brass washer driven into the pavement approximately one foot in front of the downspout edge mark the start of the validation site. Start Tansology based profilers 16.25 feet before the PK nail. All other profilers start at the PK nail. Approximate GPS coordinates using google earth coordinate locator are:

42.686317, -83.243973

Directions:

Drive on I-75 to US-24, exit 81. Take drive east on US-24 approximately 0.3 miles to W. Lapeer Rd. Turn right onto W. Lapeer Rd. Drive approximately .15 miles to the west drive opening of the building located at 2965 W. Lapeer Rd. Begin data collection at the PK nail located at the end of the concrete downspout and proceed north.