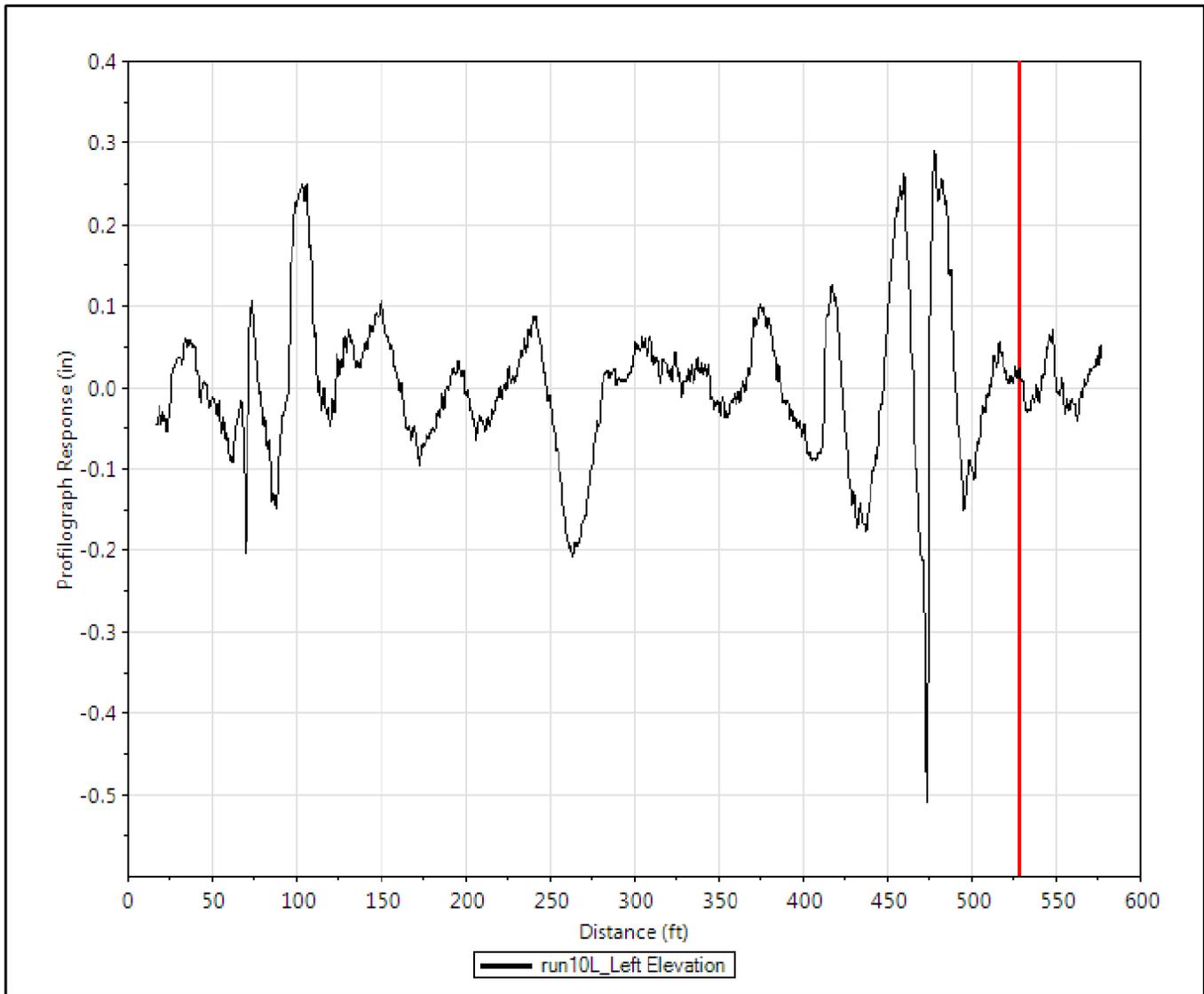
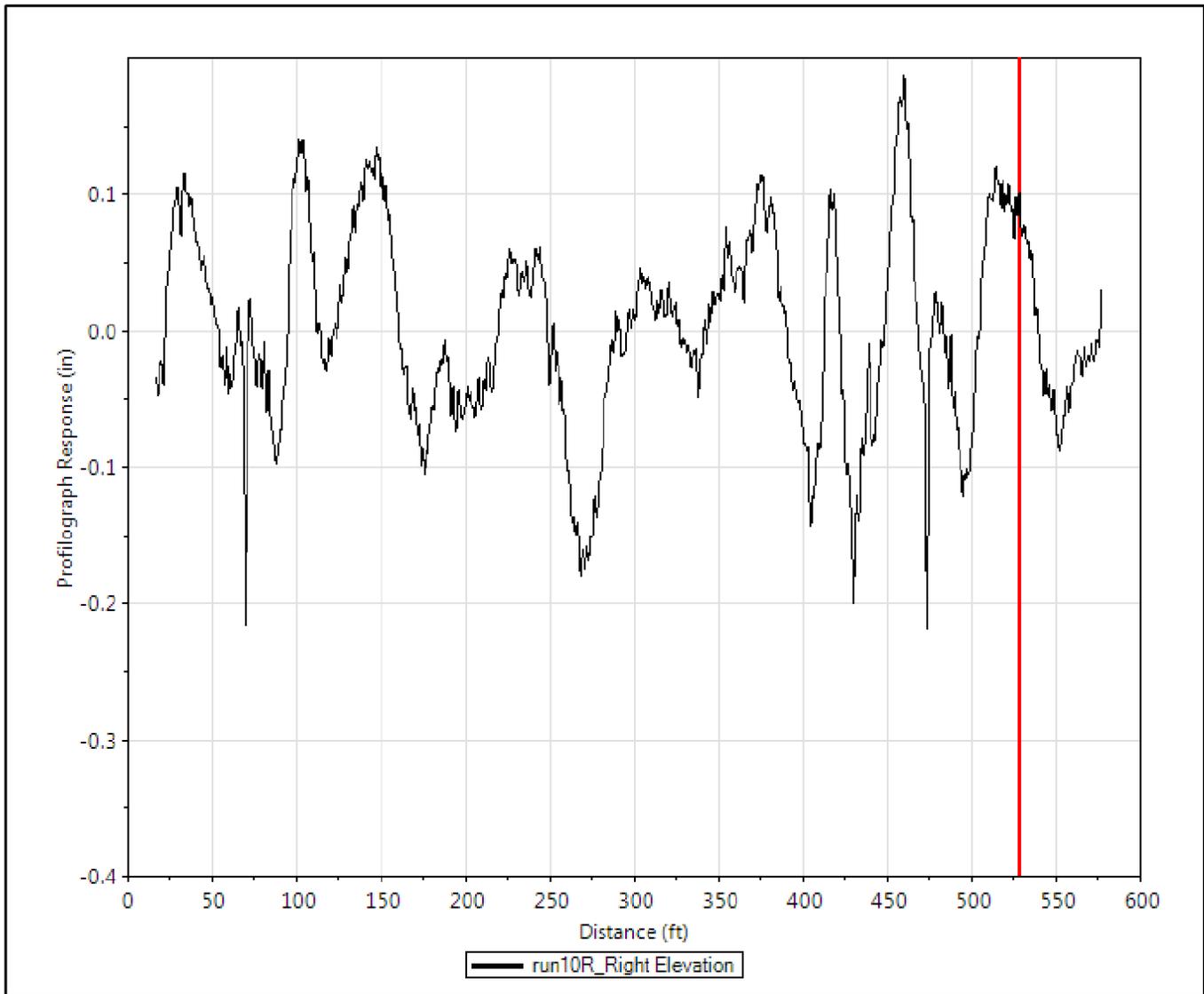


Simulation Results



Simulation Results



Gladstone Ride Validation Site
 MDOT Truck measurements 2015 (Farnum)

| Run | IRI Left | IRI Right |
|------------------|-------------|--------------|
| 1 | 83.0 | 68.2 |
| 3 | 84.0 | 68.0 |
| 5 | 82.8 | 67.3 |
| 6 | 84.3 | 68.0 |
| 7 | 82.6 | 67.3 |
| 9 | 82.6 | 67.0 |
| 10 | 83.4 | 67.6 |
| 11 | 83.7 | 66.9 |
| 12 | 83.0 | 68.1 |
| 14 | 83.4 | 65.8 |
| Average | 83.2 | 67.6 |
| Std. Dev. | 0.7 | 0.4 |
| Coef Var. | 0.8 | 0.7 |

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

| | <u>Minimum</u> | <u>81.9</u> | <u>66.7</u> |
|----|----------------|-------------|-------------|
| | <u>Maximum</u> | <u>84.6</u> | <u>68.5</u> |
| 8 | 79.3 | 68.5 | |
| 4 | 87.0 | 64.4 | |
| 2 | 85.9 | 64.4 | |
| 13 | 82.6 | 69.5 | |

Comments

Location

Clark Road
 Do runs going South
 Start Transology based profilers at northern-most mailbox.
 Start other profilers 16.25 feet south of northern-most mailbox.

Directions

From US-41 turn West on M-35 head West roughly 1.6 miles to Clark Road.
 Turn North on Clark road and go to end of paved road.
 Turn around and do runs heading south.
 Approximate coordinates are 45.862338, -87.055176 (estimated from Google Earth)

Notes

Low volume industrial park roadway, minimal traffic control,
 parking available at MDOT materials lab on Clark Road.