

ENTERED
25/SEP/12 CO.

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [3009]
*STATE CODE [19]
*SHRP SECTION ID [3009]

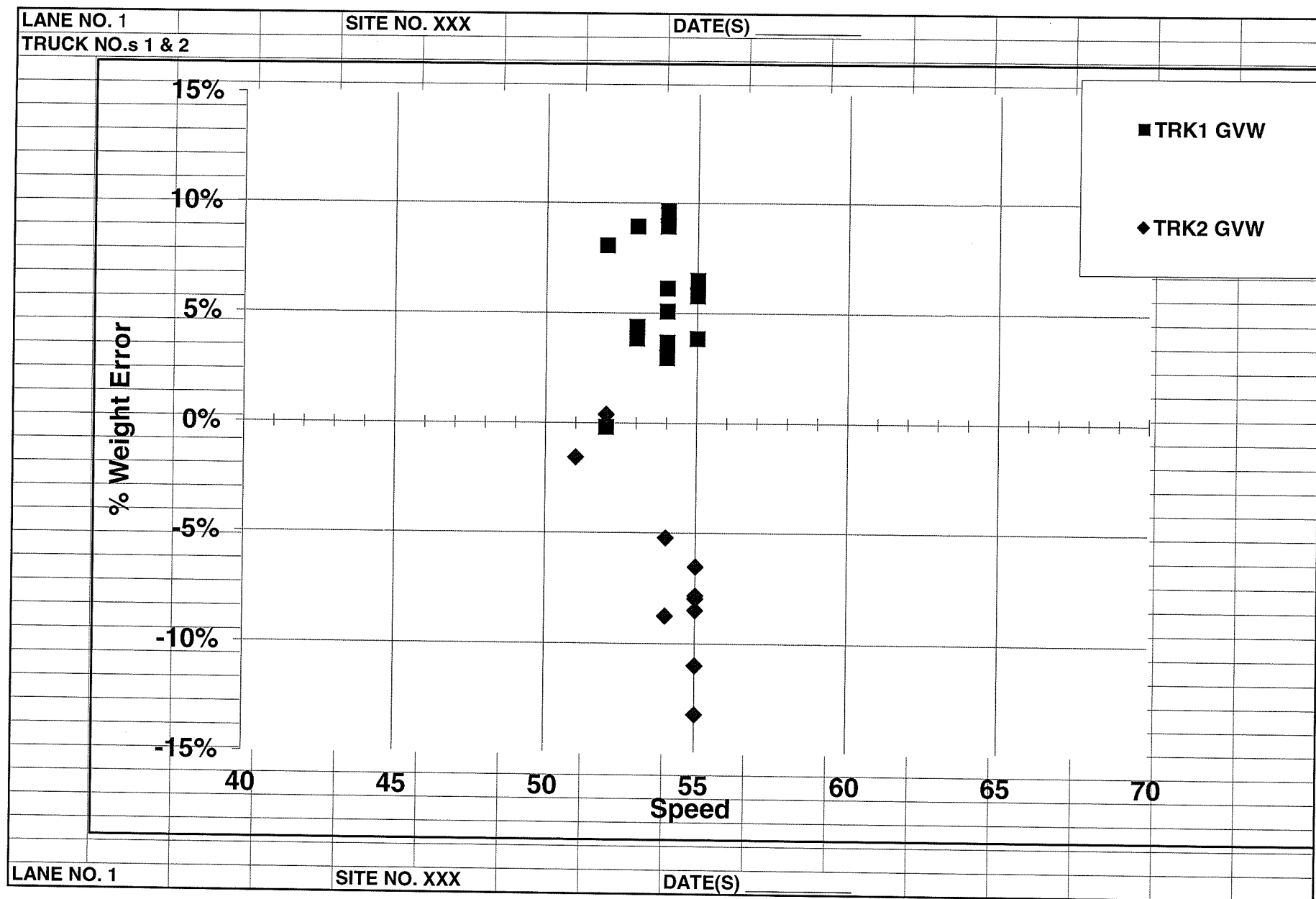
SITE CALIBRATION INFORMATION

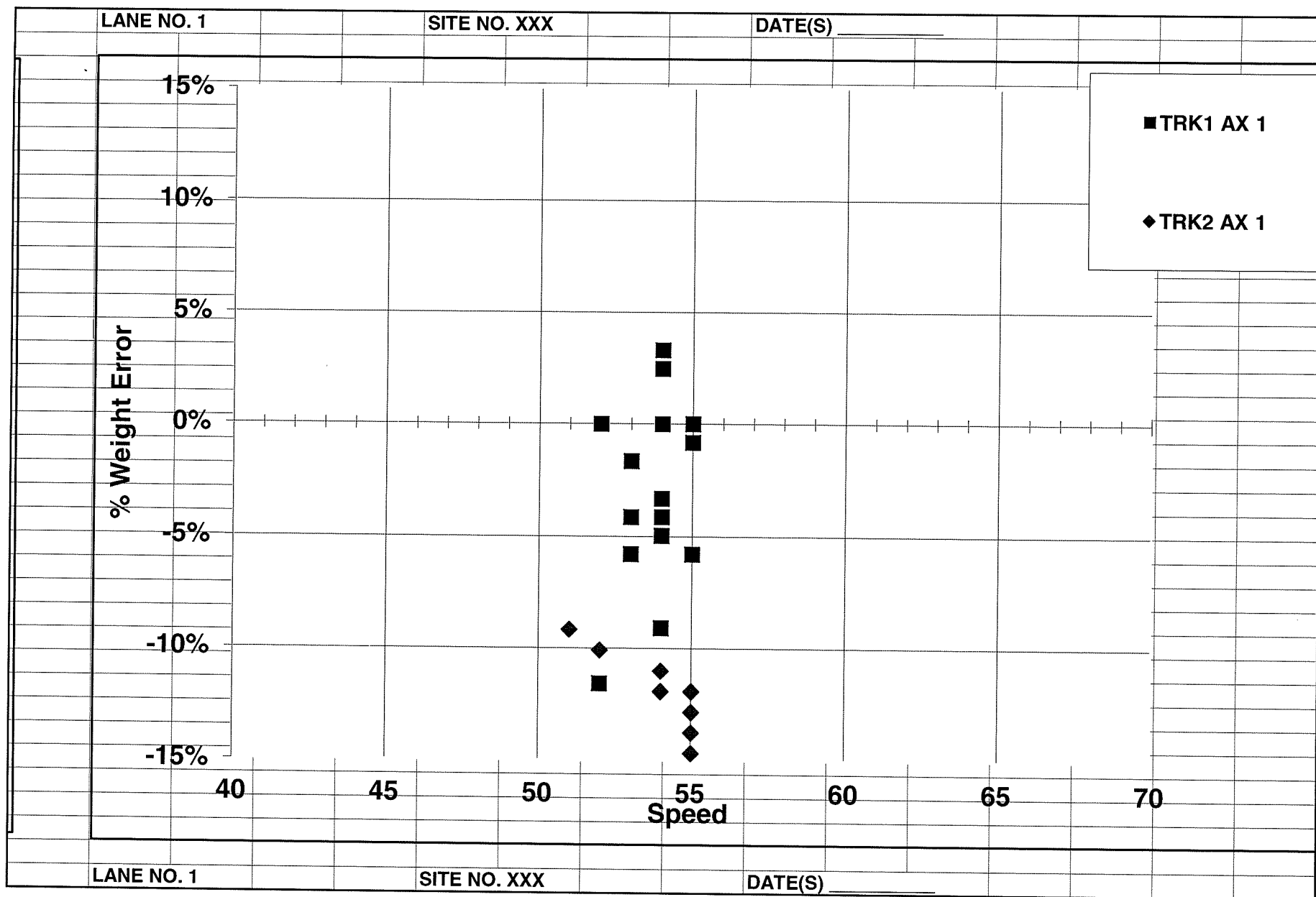
1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [07/26/2011]
2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH
3. * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT ☐ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
☐ BARE ROUND PIEZO CERAMIC ☒ BARE FLAT PIEZO ☐ BENDING PLATES
☐ CHANNELIZED ROUND PIEZO ☐ LOAD CELLS ☐ QUARTZ PIEZO
☐ CHANNELIZED FLAT PIEZO ☒ INDUCTANCE LOOPS ☐ CAPACITANCE PADS
☐ OTHER (SPECIFY) _____
5. EQUIPMENT MANUFACTURER Measurement Specialties Inc

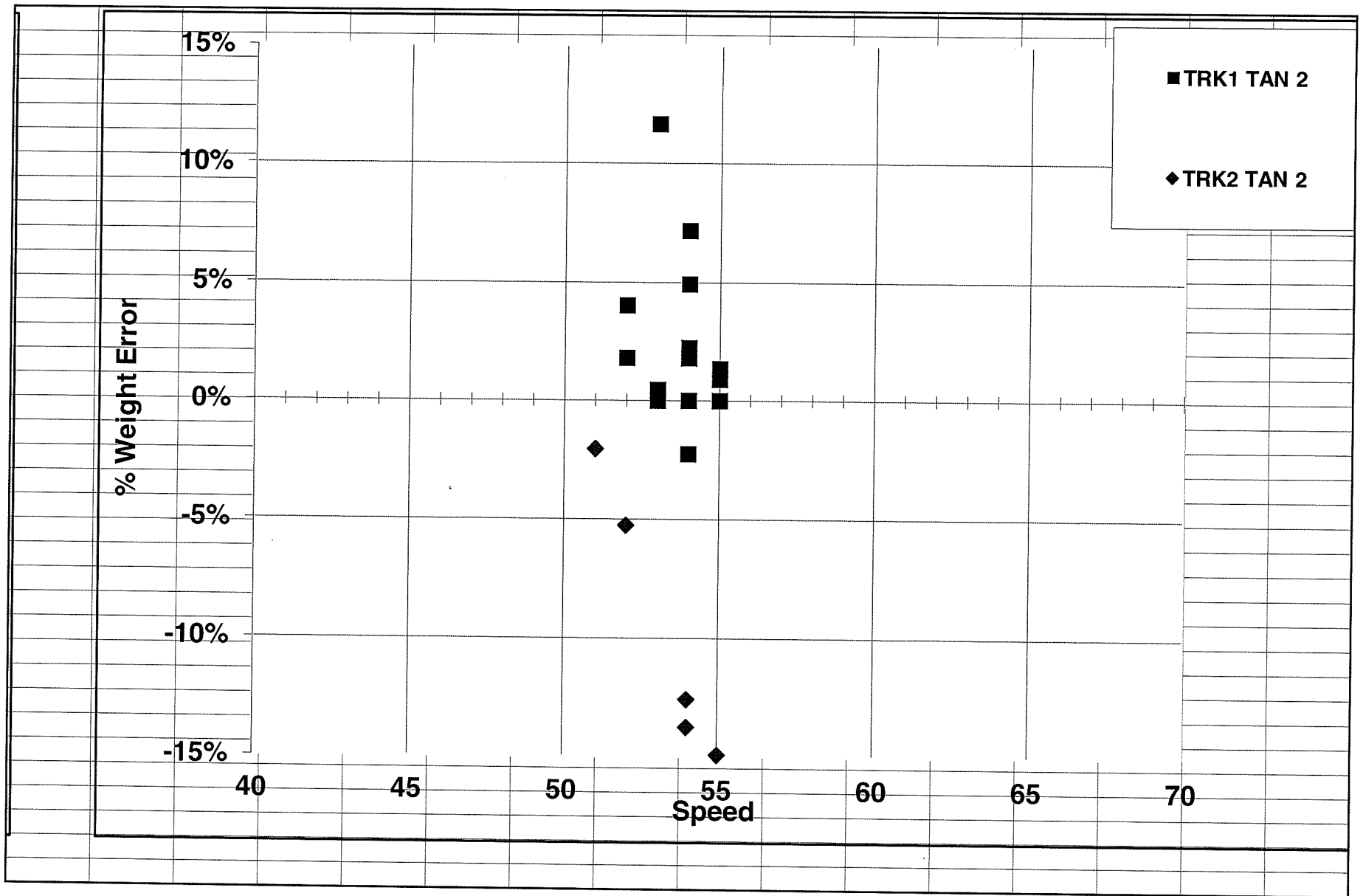
WIM SYSTEM CALIBRATION SPECIFICS**

- 6.**CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS
☐ NUMBER OF TRUCKS COMPARED ☐ 2 NUMBER OF TEST TRUCKS USED
☐ 13 PASSES PER TRUCK
- | TRUCK | TYPE | SUSPENSION |
|-------|------|------------|
| 1 | 3S2 | air |
| 2 | 3S2 | air |
| 3 | | |
- TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 - AIR; 2 - LEAF SPRING
3 - OTHER (DESCRIBE)
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN ---
DYNAMIC AND STATIC GVW - 0.7 STANDARD DEVIATION 8.1
DYNAMIC AND STATIC SINGLE AXLES 1.6 STANDARD DEVIATION 11.5
DYNAMIC AND STATIC DOUBLE AXLES 1.6 STANDARD DEVIATION 11.5
8. ☐ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) _____
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: 3S2 front axle expected to 10,000 lbs.

| | | | | | | | | | | | | | | | |
|--------------------------------|-------|------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|
| Truck 1 | 0 | | | | | | | | | | | | | | |
| TRUCKS 1 AND 2, COMBINED STATS | | | | | SITE NO. XXX | | | LANE NO. 1 | | | DATE(S) _____ | | | | |
| | | | | | ERROR, PERCENT | | | | | | ERROR, FEE | | | | |
| | GVW | AX 1 WT | TAN 1 WT | TAN 2 WT | TAN WT | AXSP 1-2 | AXSP 2-3 | AXSP 3-4 | AXSP 4-5 | VEH LGTH | AXSP 1-2 | AXSP 2-3 | AXSP 3-4 | AXSP 4-5 | ALL AXSP |
| Mean | -0.7% | -7.8% | 8.9% | -5.6% | 1.6% | -0.3% | -2.5% | -0.3% | 0.9% | -1.9% | 0.0 | -0.1 | -0.1 | 0.0 | -0.1 |
| StdDev | 8.1% | 6.3% | 7.6% | 10.1% | 11.5% | 0.5% | 1.4% | 0.5% | 1.2% | 2.8% | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 |
| 1.96xStd | 15.9% | 12.4% | 14.8% | 19.8% | 22.5% | | | | | 5.5% | | | | | 0.2 |







| STATIC DATA ENTRY SECTION | | | | | TRUCK NO. 1 | | | | | | | | SITE NO. XXX | | | | DATE | | | |
|---------------------------|---------|------|------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| GVW | | OAL | | AX 1 WT | TAN 1 WT | TAN 2 WT | | AX SP 1-2 | AX SP 2-3 | AX SP 3-4 | AX SP 4-5 | | | | | | | | | |
| 57.1 | | 61.6 | | 12.1 | 22.6 | 22.3 | | 15.6 | 4.4 | 28.7 | 4.0 | | | | | | | | | |
| WIM DATA ENTRY SECTION | | | | | LANE NO. 1 | | | | | | | | | | | | | | | |
| Run No | Veh No | Spd | OAL | GVW | AX 1 LTWT | AX 1 RTWT | AX 2 LTWT | AX 2 RTWT | AX 3 LTWT | AX 3 RTWT | AX 4 LTWT | AX 4 RTWT | AX 5 LTWT | AX 5 RTWT | AX SP 1-2 | AX SP 2-3 | AX SP 3-4 | AX SP 4-5 | | |
| 1 | 379 | 52 | 60.1 | 57.0 | 10.7 | | 11.8 | | 11.7 | | 10.2 | | 12.5 | | 15.5 | 4.3 | 28.6 | 4.1 | | |
| 2 | 447 | 54 | 60.4 | 58.8 | 11.6 | | 12.9 | | 12.6 | | 10.0 | | 11.8 | | 15.6 | 4.3 | 28.8 | 4.0 | | |
| 3 | 530 | 54 | 60.9 | 59.2 | 11.7 | | 12.6 | | 12.6 | | 10.7 | | 11.6 | | 15.6 | 4.3 | 28.6 | 4.0 | | |
| 4 | 593 | 54 | 60.4 | 60.0 | 11.0 | | 13.2 | | 12.2 | | 11.0 | | 11.8 | | 15.4 | 4.2 | 28.5 | 4.1 | | |
| 5 | 669 | 55 | 62.5 | 60.4 | 12.0 | | 13.2 | | 12.7 | | 10.6 | | 11.9 | | 15.6 | 4.3 | 28.8 | 4.0 | | |
| 6 | 1 | 54 | 62.3 | 62.2 | 12.1 | | 13.4 | | 13.3 | | 11.2 | | 12.2 | | 15.6 | 4.4 | 28.8 | 4.1 | | |
| 7 | 50 | 53 | 62.4 | 62.2 | 11.9 | | 12.5 | | 12.9 | | 11.6 | | 13.3 | | 15.6 | 4.3 | 28.8 | 4.0 | | |
| 8 | 96 | 55 | 62.3 | 59.3 | 11.4 | | 12.7 | | 12.9 | | 11.2 | | 11.1 | | 15.6 | 4.4 | 28.8 | 4.1 | | |
| 9 | 151 | 54 | 62.6 | 62.5 | 12.5 | | 13.8 | | 13.6 | | 11.0 | | 11.7 | | 15.6 | 4.3 | 28.7 | 4.1 | | |
| 10 | 210 | 54 | 62.3 | 62.6 | 12.4 | | 13.3 | | 12.9 | | 11.6 | | 12.3 | | 15.4 | 4.3 | 28.5 | 4.0 | | |
| 11 | 272 | 53 | 62.7 | 59.6 | 11.6 | | 12.6 | | 13.0 | | 9.7 | | 12.7 | | 15.5 | 4.3 | 28.7 | 4.0 | | |
| 12 | 334 | 55 | 62.3 | 60.8 | 12.1 | | 13.0 | | 13.1 | | 10.7 | | 11.9 | | 15.6 | 4.4 | 28.8 | 4.0 | | |
| 13 | 402 | 52 | 62.8 | 61.7 | 12.1 | | 13.2 | | 13.2 | | 10.8 | | 12.4 | | 15.7 | 4.3 | 28.8 | 4.1 | | |
| 14 | 471 | 54 | 62.2 | 60.6 | 11.5 | | 12.7 | | 13.0 | | 10.8 | | 12.6 | | 15.6 | 4.4 | 28.6 | 4.1 | | |
| 15 | 546 | 53 | 61.6 | 59.3 | 11.4 | | 12.7 | | 12.8 | | 10.4 | | 11.9 | | 15.5 | 4.3 | 28.4 | 4.0 | | |
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| . | Mean | | 61.9 | 60.4 | 11.7 | #DIV/0! | 12.9 | #DIV/0! | 12.8 | #DIV/0! | 10.8 | #DIV/0! | 12.1 | #DIV/0! | 15.6 | 4.3 | 28.7 | 4.0 | | |
| | Std Dev | | 0.9 | 1.6 | 0.5 | #DIV/0! | 0.5 | #DIV/0! | 0.5 | #DIV/0! | 0.5 | #DIV/0! | 0.5 | #DIV/0! | 0.1 | 0.1 | 0.1 | 0.1 | | |

| LANE NO. 1 | | TRUCK NO. 1 | | | SITE NO. XXX | | | DATE | | | | | | | | |
|-------------|-------|----------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| | | | | | | | | | | | | | | | | |
| | | ERROR, PERCENT | | | | | | | | | | ERROR, FEET | | | | |
| Run No | GVW | AX 1 WT | TAN 1 WT | TAN 2 WT | TAN WT | AXSP 1-2 | AXSP 2-3 | AXSP 3-4 | AXSP 4-5 | VEH LGTH | AXSP 1-2 | AXSP 2-3 | AXSP 3-4 | AXSP 4-5 | ALL AXLS | |
| 1 | -0.2% | -11.6% | 4.0% | 1.8% | | -0.6% | -2.3% | -0.3% | 2.5% | -2.4% | -0.1 | -0.1 | -0.1 | 0.1 | | |
| 2 | 3.0% | -4.1% | 12.8% | -2.2% | | 0.0% | -2.3% | 0.3% | 0.0% | -1.9% | 0.0 | -0.1 | 0.1 | 0.0 | | |
| 3 | 3.7% | -3.3% | 11.5% | 0.0% | | 0.0% | -2.3% | -0.3% | 0.0% | -1.1% | 0.0 | -0.1 | -0.1 | 0.0 | | |
| 4 | 5.1% | -9.1% | 12.4% | 2.2% | | -1.3% | -4.5% | -0.7% | 2.5% | -1.9% | -0.2 | -0.2 | -0.2 | 0.1 | | |
| 5 | 5.8% | -0.8% | 14.6% | 0.9% | | 0.0% | -2.3% | 0.3% | 0.0% | 1.5% | 0.0 | -0.1 | 0.1 | 0.0 | | |
| 6 | 8.9% | 0.0% | 18.1% | 4.9% | | 0.0% | 0.0% | 0.3% | 2.5% | 1.1% | 0.0 | 0.0 | 0.1 | 0.1 | | |
| 7 | 8.9% | -1.7% | 12.4% | 11.7% | | 0.0% | -2.3% | 0.3% | 0.0% | 1.3% | 0.0 | -0.1 | 0.1 | 0.0 | | |
| 8 | 3.9% | -5.8% | 13.3% | 0.0% | | 0.0% | 0.0% | 0.3% | 2.5% | 1.1% | 0.0 | 0.0 | 0.1 | 0.1 | | |
| 9 | 9.5% | 3.3% | 21.2% | 1.8% | | 0.0% | -2.3% | 0.0% | 2.5% | 1.6% | 0.0 | -0.1 | 0.0 | 0.1 | | |
| 10 | 9.6% | 2.5% | 15.9% | 7.2% | | -1.3% | -2.3% | -0.7% | 0.0% | 1.1% | -0.2 | -0.1 | -0.2 | 0.0 | | |
| 11 | 4.4% | -4.1% | 13.3% | 0.4% | | -0.6% | -2.3% | 0.0% | 0.0% | 1.8% | -0.1 | -0.1 | 0.0 | 0.0 | | |
| 12 | 6.5% | 0.0% | 15.5% | 1.3% | | 0.0% | 0.0% | 0.3% | 0.0% | 1.1% | 0.0 | 0.0 | 0.1 | 0.0 | | |
| 13 | 8.1% | 0.0% | 16.8% | 4.0% | | 0.6% | -2.3% | 0.3% | 2.5% | 1.9% | 0.1 | -0.1 | 0.1 | 0.1 | | |
| 14 | 6.1% | -5.0% | 13.7% | 4.9% | | 0.0% | 0.0% | -0.3% | 2.5% | 1.0% | 0.0 | 0.0 | -0.1 | 0.1 | | |
| 15 | 3.9% | -5.8% | 12.8% | 0.0% | | -0.6% | -2.3% | -1.0% | 0.0% | 0.0% | -0.1 | -0.1 | -0.3 | 0.0 | | |
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| Mean | 5.8% | -3.0% | 13.9% | 2.6% | 8.2% | -0.3% | -1.8% | -0.1% | 1.2% | 0.4% | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | |
| StdDev | 2.8% | 4.1% | 3.8% | 3.5% | 6.8% | 0.5% | 1.3% | 0.5% | 1.3% | 1.5% | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | |
| 1.96xStdDev | 5.5% | 8.0% | 7.4% | 6.8% | 13.3% | | | | | | 0.2 | 0.1 | 0.3 | 0.1 | 0.2 | |

[illegible]

[illegible]

LANE NO. 1

TRUCK NO. 1

SITE NO. XXX

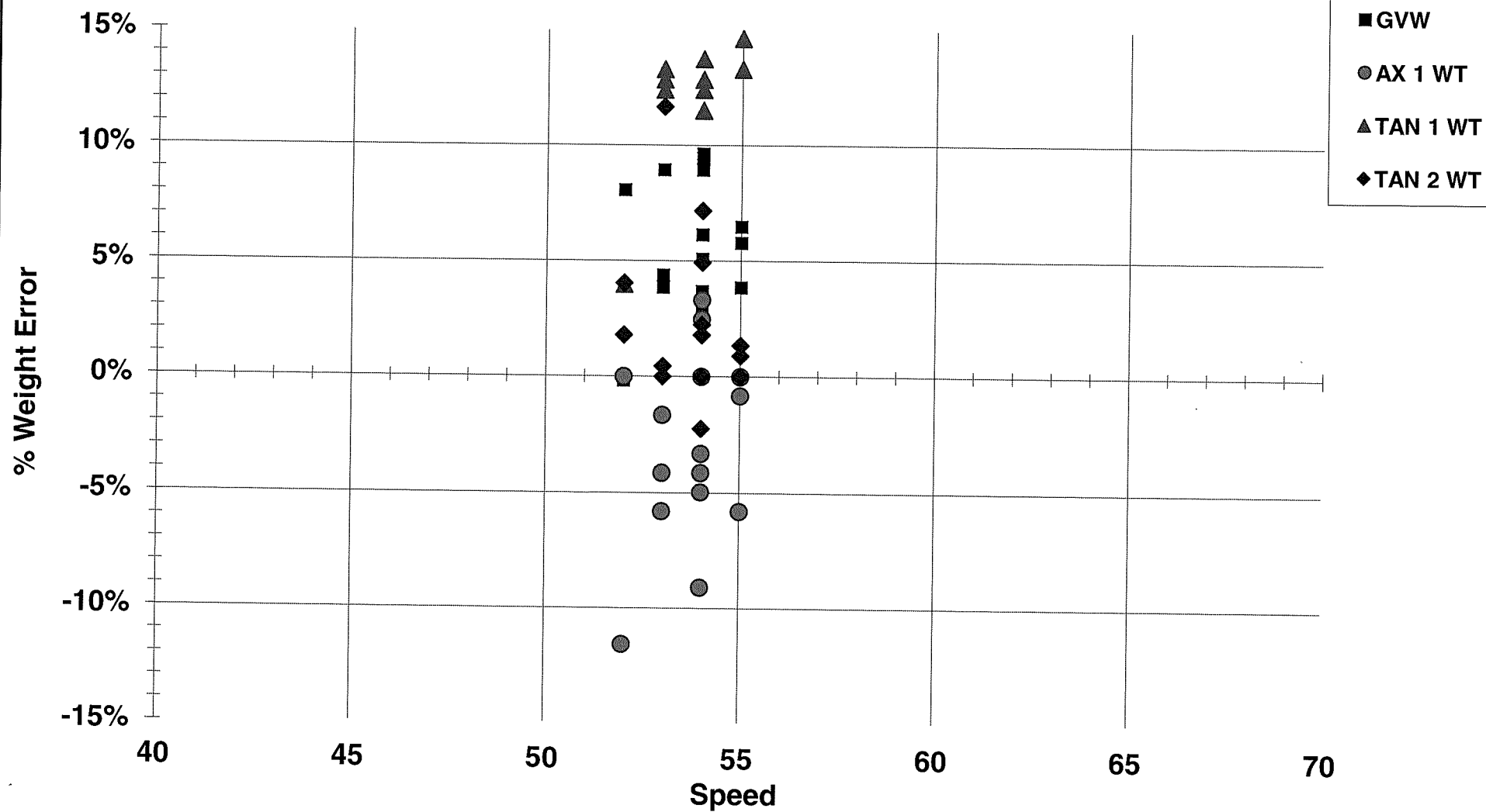
DATE _____

STATISTICAL DATA

ERROR, PERCENT

ERROR, FEET

| | GVW | AX 1 WT | TAN 1 WT | TAN 2 WT | TAN WT | AXSP 1-2 | AXSP 2-3 | AXSP 3-4 | AXSP 4-5 | VEH LGTH | ALL AXLS |
|-------------|------|------------|-------------|-------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 5.8% | -3.0% | 13.9% | 2.6% | 8.2% | -0.3% | -1.8% | -0.1% | 1.2% | 0.4% | 0.0 |
| StdDev | 2.8% | 4.1% | 3.8% | 3.5% | 6.8% | 0.5% | 1.3% | 0.5% | 1.3% | 1.5% | 0.1 |
| 1.96xStdDev | 5.5% | 8.0% | 7.4% | 6.8% | 13.3% | | | | | | 0.2 |



| STATIC DATA ENTRY SECTION | | | | | TRUCK NO. 2 | | | | | | | | SITE NO. XXX | | | | DATE _____ | | | |
|---------------------------|---------|------|------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| GVW | | OAL | | AX 1 WT | | TAN 1 WT | | TAN 2 WT | | AX SP 1-2 | | AX SP 2-3 | | AX SP 3-4 | | AX SP 4-5 | | | | |
| 76.5 | | 60.3 | | 10.9 | | 30.8 | | 34.2 | | 12.2 | | 4.5 | | 33.5 | | 4.2 | | | | |
| WIM DATA ENTRY SECTION | | | | | LANE NO. 1 | | | | | | | | | | | | | | | |
| Run No | Veh No | Spd | OAL | GVW | AX 1 LTWT | AX 1 RTWT | AX 2 LTWT | AX 2 RTWT | AX 3 LTWT | AX 3 RTWT | AX 4 LTWT | AX 4 RTWT | AX 5 LTWT | AX 5 RTWT | AX SP 1-2 | AX SP 2-3 | AX SP 3-4 | AX SP 4-5 | | |
| 1 | 421 | 55 | 57.1 | 63.9 | 9.2 | | 13.3 | | 15.0 | | 11.3 | | 15.2 | | 12.1 | 4.3 | 33.4 | 4.3 | | |
| 2 | 535 | 53 | 57.2 | 64.7 | 8.9 | | 14.4 | | 14.6 | | 11.4 | | 15.4 | | 12.2 | 4.4 | 33.0 | 4.2 | | |
| 3 | 613 | 55 | 57.1 | 66.4 | 9.2 | | 14.0 | | 16.0 | | 12.4 | | 14.9 | | 12.2 | 4.4 | 33.4 | 4.2 | | |
| 4 | 688 | 54 | 57.3 | 72.5 | 9.6 | | 17.7 | | 16.7 | | 12.4 | | 16.0 | | 12.1 | 4.3 | 33.3 | 4.3 | | |
| 5 | 17 | 54 | 57.3 | 69.8 | 9.6 | | 13.9 | | 16.9 | | 13.0 | | 16.5 | | 12.1 | 4.3 | 33.2 | 4.2 | | |
| 6 | 55 | 55 | 57.8 | 68.1 | 9.4 | | 14.0 | | 15.9 | | 12.5 | | 16.3 | | 12.2 | 4.3 | 33.6 | 4.2 | | |
| 7 | 126 | 52 | 57.7 | 76.8 | 9.8 | | 17.7 | | 17.1 | | 13.8 | | 18.6 | | 12.1 | 4.4 | 33.3 | 4.2 | | |
| 8 | 177 | 51 | 57.5 | 75.3 | 9.9 | | 15.1 | | 16.9 | | 14.7 | | 18.8 | | 12.2 | 4.3 | 33.4 | 4.2 | | |
| 9 | 250 | 54 | 58.0 | 72.5 | 9.7 | | 15.6 | | 17.3 | | 13.3 | | 16.6 | | 12.2 | 4.4 | 33.4 | 4.2 | | |
| 10 | 309 | 55 | 58.1 | 70.5 | 9.0 | | 15.2 | | 17.1 | | 13.0 | | 16.1 | | 12.2 | 4.4 | 33.5 | 4.2 | | |
| 11 | 379 | 55 | 57.4 | 70.0 | 9.5 | | 16.2 | | 15.9 | | 12.1 | | 16.2 | | 12.2 | 4.4 | 33.3 | 4.2 | | |
| 12 | 458 | 55 | 57.2 | 70.4 | 9.6 | | 15.3 | | 16.9 | | 13.0 | | 15.7 | | 12.1 | 4.3 | 33.3 | 4.3 | | |
| 13 | 527 | 55 | 58.0 | 71.5 | 9.3 | | 17.3 | | 16.6 | | 12.7 | | 15.7 | | 12.1 | 4.4 | 33.4 | 4.2 | | |
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| 34 | | | | | | | | | | | | | | | | | | | | |
| | Mean | | 57.5 | 70.2 | 9.4 | #DIV/0! | 15.4 | #DIV/0! | 16.4 | #DIV/0! | 12.7 | #DIV/0! | 16.3 | #DIV/0! | 12.2 | 4.4 | 33.3 | 4.2 | | |
| | Std Dev | | 0.4 | 3.8 | 0.3 | #DIV/0! | 1.5 | #DIV/0! | 0.8 | #DIV/0! | 0.9 | #DIV/0! | 1.2 | #DIV/0! | 0.1 | 0.1 | 0.1 | 0.0 | | |

| LANE NO. 1 | TRUCK NO. 2 | | SITE NO. XXX | | | DATE | | | | | | | | | |
|-------------|----------------|------------|--------------|-------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
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| Run No | ERROR, PERCENT | | | | | | | | | | ERROR, FEET | | | | |
| | GVW | AX 1 WT | TAN 1 WT | TAN 2 WT | TAN WT | AXSP 1-2 | AXSP 2-3 | AXSP 3-4 | AXSP 4-5 | VEH LGTH | AXSP 1-2 | AXSP 2-3 | AXSP 3-4 | AXSP 4-5 | ALL AXLS |
| 1 | -16.5% | -15.6% | -8.1% | -22.5% | | -0.8% | -4.4% | -0.3% | 2.4% | -5.3% | -0.1 | -0.2 | -0.1 | 0.1 | |
| 2 | -15.4% | -18.3% | -5.8% | -21.6% | | 0.0% | -2.2% | -1.5% | 0.0% | -5.1% | 0.0 | -0.1 | -0.5 | 0.0 | |
| 3 | -13.2% | -15.6% | -2.6% | -20.2% | | 0.0% | -2.2% | -0.3% | 0.0% | -5.3% | 0.0 | -0.1 | -0.1 | 0.0 | |
| 4 | -5.2% | -11.9% | 11.7% | -17.0% | | -0.8% | -4.4% | -0.6% | 2.4% | -5.0% | -0.1 | -0.2 | -0.2 | 0.1 | |
| 5 | -8.8% | -11.9% | 0.0% | -13.7% | | -0.8% | -4.4% | -0.9% | 0.0% | -5.0% | -0.1 | -0.2 | -0.3 | 0.0 | |
| 6 | -11.0% | -13.8% | -2.9% | -15.8% | | 0.0% | -4.4% | 0.3% | 0.0% | -4.1% | 0.0 | -0.2 | 0.1 | 0.0 | |
| 7 | 0.4% | -10.1% | 13.0% | -5.3% | | -0.8% | -2.2% | -0.6% | 0.0% | -4.3% | -0.1 | -0.1 | -0.2 | 0.0 | |
| 8 | -1.6% | -9.2% | 3.9% | -2.0% | | 0.0% | -4.4% | -0.3% | 0.0% | -4.6% | 0.0 | -0.2 | -0.1 | 0.0 | |
| 9 | -5.2% | -11.0% | 6.8% | -12.6% | | 0.0% | -2.2% | -0.3% | 0.0% | -3.8% | 0.0 | -0.1 | -0.1 | 0.0 | |
| 10 | -7.8% | -17.4% | 4.9% | -14.9% | | 0.0% | -2.2% | 0.0% | 0.0% | -3.6% | 0.0 | -0.1 | 0.0 | 0.0 | |
| 11 | -8.5% | -12.8% | 4.2% | -17.3% | | 0.0% | -2.2% | -0.6% | 0.0% | -4.8% | 0.0 | -0.1 | -0.2 | 0.0 | |
| 12 | -8.0% | -11.9% | 4.5% | -16.1% | | -0.8% | -4.4% | -0.6% | 2.4% | -5.1% | -0.1 | -0.2 | -0.2 | 0.1 | |
| 13 | -6.5% | -14.7% | 10.1% | -17.0% | | -0.8% | -2.2% | -0.3% | 0.0% | -3.8% | -0.1 | -0.1 | -0.1 | 0.0 | |
| 14 | | | | | | | | | | | | | | | |
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| 32 | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | |
| Mean | -8.3% | -13.4% | 3.0% | -15.1% | -6.0% | -0.4% | -3.2% | -0.5% | 0.5% | -4.6% | 0.0 | -0.1 | -0.2 | 0.0 | -0.1 |
| StdDev | 4.9% | 2.8% | 6.6% | 5.9% | 11.1% | 0.4% | 1.2% | 0.4% | 1.0% | 0.6% | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 |
| 1.96xStdDev | 9.7% | 5.5% | 13.0% | 11.5% | 21.7% | | | | | | 0.1 | 0.1 | 0.3 | 0.1 | 0.2 |

[illegible]

LANE NO. 1

TRUCK NO. 2

SITE NO. XXX

DATE _____

STATISTICAL DATA

ERROR, PERCENT

ERROR, FEET

| | GVW | AX 1 WT | TAN 1 WT | TAN 2 WT | TAN WT | AXSP 1-2 | AXSP 2-3 | AXSP 3-4 | AXSP 4-5 | VEH LGTH | ALL AXLS |
|-------------|-------|------------|-------------|-------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mean | -8.3% | -13.4% | 3.0% | -15.1% | -6.0% | -0.4% | -3.2% | -0.5% | 0.5% | -4.6% | -0.1 |
| StdDev | 4.9% | 2.8% | 6.6% | 5.9% | 11.1% | 0.4% | 1.2% | 0.4% | 1.0% | 0.6% | 0.1 |
| 1.96xStdDev | 9.7% | 5.5% | 13.0% | 11.5% | 21.7% | | | | | | 0.2 |

