

Sheet 12

LTPP Traffic Data

Classification Data Transmittal Form

| State Assigned ID | State Code | SHRP Section ID | Highway Route No. | Milepost | Location | OHIO Station # | Name of Preparer | Date Prepared | Phone Number |
|----------------------|---------------|--------------------|----------------------|----------|-------------------------|----------------|---------------------|------------------|-----------------|
| 710 | 39 | 3013 | BRO 68 | 21.7 | 1.67 miles N. of SR 125 | 710 | Lindsey Pflum | 1/30/2010 | 614-752-4057 |

| Filename | Ext | Disk ID | Beginning Date | Ending Date | Count Duration | Vehicle Class Method | Name of Agency Class Scheme | No of Bins | Type of AVC Equipment | Equipment Manufacturer | Sensor Type | Adjustment Factors for Est. Average Annual Volumes by Classification | General Factors | Class Specific Factors (Provide by Class of Class Groups) | Comments |
|--------------|-----|------------|-------------------|----------------|-------------------|-------------------------|--------------------------------|---------------|--------------------------|---------------------------|------------------|---|--------------------|--|----------|
| C393013. L1J | ✓ | 2009 | 10/1/2009 | 10/31/2009 | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | none | none | none |
| C393013. M3J | ✓ | 2009 | 11/3/2009 | 11/30/2009 | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | none | none | none |
| C393013. N1J | ✓ | 2009 | 12/1/2009 | 12/31/2009 | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | none | none | none |

Sheet 13

LTPP Traffic Data

Vehicle Weight Data Transmittal Form

| State Assigned ID | State Code | SHRP Section ID | Highway Route No. | Milepost | Location | OHIO Station # | Name of Preparer | Date Prepared | Phone Number |
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| Filename | Ext | Disk ID | Beginning Date | Ending Date | Count Duration | Weight Scale Type | Equipment Manufacturer | Sensor Type | Vehicle Class. Method | Name of Agency Class. Scheme | Number of Bins | Method of Calibration and Frequency | Comments |
|--------------|-----|------------|-------------------|----------------|-------------------|----------------------|---------------------------|----------------|--------------------------|---------------------------------|-------------------|--|----------|
| W393013. L1J | | 2009 | 10/1/2009 | 10/31/2009 | days | perm WIM | Mettler-Toledo | loadcell | W-card | Scheme F | 13 | ODOT test truck | |
| W393013. M2J | | 2009 | 11/2/2009 | 11/30/2009 | days | perm WIM | Mettler-Toledo | loadcell | W-card | Scheme F | 13 | ODOT test truck | |
| W393013. N1J | | 2009 | 12/1/2009 | 12/31/2009 | days | perm WIM | Mettler-Toledo | loadcell | W-card | Scheme F | 13 | ODOT test truck | |

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| | | | | | | | | | | | | | | | |
|----------|------|---------|----------------|-------------|----------------|----------------------|-----------------------------|------------|-----------------------|------------------------|------------------|--|-----------------|---|----------|
| Filename | Ext | Disk ID | Beginning Date | Ending Date | Count Duration | Vehicle Class Method | Name of Agency Class Scheme | No of Bins | Type of AVC Equipment | Equipment Manufacturer | Sensor Type | Adjustment Factors for Est. Average Annual Volumes by Classification | General Factors | Class Specific Factors (Provide by Class of Class Groups) | Comments |
| NONE | NONE | | | | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | none | none | none |
| C393013. | G1J | 2009 | 5/1/2009 | 5/27/2009 | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | none | none | none |
| C393013. | H1J | 2009 | 6/1/2009 | 6/30/2009 | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | none | none | none |

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Vehicle Weight Data Transmittal Form

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|----------|------|---------|----------------|-------------|----------------|-------------------|------------------------|-------------|-----------------------|------------------------------|----------------|-------------------------------------|----------|
| Filename | Ext | Disk ID | Beginning Date | Ending Date | Count Duration | Weight Scale Type | Equipment Manufacturer | Sensor Type | Vehicle Class. Method | Name of Agency Class. Scheme | Number of Bins | Method of Calibration and Frequency | Comments |
| NONE | NONE | | | | days | perm WIM | Mettler-Toledo | loadcell | W-card | Scheme F | 13 | ODOT test truck | |
| W393013. | G1J | 2009 | 5/1/2009 | 5/31/2009 | days | perm WIM | Mettler-Toledo | loadcell | W-card | Scheme F | 13 | ODOT test truck | |
| W393013. | H1J | 2009 | 6/1/2009 | 6/30/2009 | days | perm WIM | Mettler-Toledo | loadcell | W-card | Scheme F | 13 | ODOT test truck | |

Sheet 14

LTPP Traffic Data

Equipment Installation Log

| | | | | | | | | | |
|-------------------|------------|-----------------|-------------------|----------|-------------------------|----------------|------------------|---------------|--------------|
| State Assigned ID | State Code | SHRP Section ID | Highway Route No. | Milepost | Location | OHIO Station # | Name of Preparer | Date Prepared | Phone Number |
| 710 | 39 | 3013 | BRO 68 | 21.7 | 1.67 miles N. of SR 125 | 710 | Lindsey Pflum | Prepared | 614-752-4057 |

Software

Complete Package

Type

WIM Planning Host 1.4
Computer Hardware Upgrade

Brand Name

Mettler-Toledo
Mettler-Toledo

Installation Date

9/10/2008
9/10/2008

Sheet 16

LTPP Traffic Data

Site Calibration Summary

| | | | | | | | | | |
|-------------------|------------|-----------------|-------------------|----------|-------------------------|----------------|------------------|---------------|--------------|
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| 710 | 39 | 3013 | BRO 68 | 21.7 | 1.67 miles N. of SR 125 | 710 | Lindsey Pflum | 7/27/2009 | 614-752-4057 |

Site Calibration Information

1. Date of Calibration: 9/11/2008

2. Type of Equipment Calibrated: WIM

3. Reason for Calibration: Computer Upgrade

4. Sensors Installed in LTPP Lane at this Site: Load Cells, Inductance Loop

5. Equipment Manufacturer: Mettler-Toledo

WIM System Calibration Specifics

6. Calibration Technique Used: Test Trucks

Number of Trucks Used: 1

Passes per Truck: 3 each direction

Truck Type: 7

Suspension: 2

7. Summary Calibration Results (%)Mean Difference between:

Dynamic and Static GVW Lane 1: Std. Deviation:

Dynamic and Static Single Axles Lane 1: Std. Deviation:

Dynamic and Static Double Axles Lane 1: Std. Deviation:

Dynamic and Static GVW Lane 2: Std. Deviation:

Dynamic and Static Single Axles Lane 2: Std. Deviation:

Dynamic and Static Single Axles Lane 2: Std. Deviation:

Dynamic and Static Double Axles Lane 2: Std. Deviation:

8. Number of speeds at which calibration was performed: 1

9. Define the speed Ranges: 38

10. Calibration Factor:

11. Is autocalibration used at this site? N

If yes, list and define auto-calibration value

Classifier Test Specifics

12. Method for collecting independent volume measurement by vehicle class:

13. Method to Determine Length of Count:

14. Difference in Volumes by Vehicles Classification: Class 9:

Class 8:

Unclassified:

Received before - already created / Entered.

| Sheet 12 | | LTPP Traffic Data | | | | Classification Data Transmittal Form | | | | | | | | | | | |
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| Filename | Ext | Disk ID | Beginning Date | Ending Date | Count Duration | Vehicle Class Method | Name of Agency Class Scheme | No of Bins | Type of AVC Equipment | Equipment Manufacturer | Sensor Type | Adjustment Factors for Est. Average Annual Volumes by Classification | | General Factors | Class Specific Factors (Provide by Class of Class Groups) | | Comments |
| NONE | NONE | 2009 | | | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | | none | none | | none |
| NONE | NONE | 2009 | | | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | | none | none | | none |
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| Sheet 13 | | LTPP Traffic Data | | | | Vehicle Weight Data Transmittal Form | | | | | | | | | |
|-------------------|------|-------------------|-----------------|-------------------|----------------|--------------------------------------|------------------------|----------------|-----------------------|------------------------------|----------------|-------------------------------------|--------------|----------|--|
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| NONE | NONE | 2009 | | | days | perm WIM | Mettler-Toledo | loadcell | W-card | Scheme F | 13 | ODOT test truck | | | |
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| C393013. J1J | | 2009 | 8/1/2009 | 8/31/2009 | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | none | none | none |
| C393013. K1J | | 2009 | 9/1/2009 | 9/30/2009 | days | FHWA | ODOT scheme "F" | 13 | Permanent | Mettler-Toledo | Loadcell / piezo | none | none | none | none |

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| | | |
|--|---------------------|-------------|
| SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY | * STATE ASSIGNED ID | <u>710</u> |
| | * STATE CODE | <u>39</u> |
| | * SHRP SECTION ID | <u>3013</u> |

SITE CALIBRATION INFORMATION

1. *DATE OF CALIBRATION (MONTH/DAY/YEAR) 6/12/2009
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) Computer Upgrade
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 Mettler-Toledo

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM ☐ STATIC SCALE (Y / N) ☒ TEST TRUCKS
☐ NUMBER OF TRUCKS COMPARED _____ ☐ NUMBER OF TEST TRUCKS USED 1
3 PASSES PER TRUCK

| TRUCK | TYPE | SUSPENSION |
|-------|----------|------------|
| 1 | <u>7</u> | <u>2</u> |
| 2 | _____ | _____ |
| 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 _____ STANDARD DEVIATION _____
DYNAMIC AND STATIC SINGLE AXLES _____ STANDARD DEVIATION _____
DYNAMIC AND STATIC DOUBLE AXLES _____ STANDARD DEVIATION _____

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 38

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____

11.** IS AUTO-CALIBRATION USED AT THIS TIME? (Y / N) N
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- 12.***METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☐ MANUAL ☐ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☐ NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
*** FHWA CLASS 9 _____ FHWA CLASS _____
*** FHWA CLASS 8 _____ FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
- *** PERCENT "UNCLASSIFIED" VEHICLES: _____

| |
|---|
| PERSON LEADING CALIBRATION EFFORT: _____ |
| CONTACT INFORMATION: <u>Lindsey Pflum</u> <u>614-752-4057</u> Nov. November 9, 1999 |

ENTERED AUG 2 1 2009 NW