

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							
721	39	100/200	DEL 23	17.48	2 miles S. of SR 229	721	Lindsey Pflum	1/0/1900	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	
✓C390200. C1L		2011	1/1/2011	1/31/2011	days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	none	
✓C390200. D3L		2011	2/3/2011	2/28/2011	days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	none	
✓C390200. E1L		2011	3/1/2011	3/31/2011	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		
721		39	100/200	DEL 23	17.48	2 miles S. of SR 229		721		Lindsey Pflum	1/0/1900		614-752-4057		
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		
✓W390200. C1L		2011	1/1/2011	1/31/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	Scheme F	13	ODOT test truck	none		
✓W390200. D1L		2011	2/1/2011	2/28/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	Scheme F	13	ODOT test truck	none		
✓W390200. E1L		2011	3/1/2011	3/31/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	ODOT scheme "F"	13	ODOT test truck	none		

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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	2011		days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	
		NONE	NONE	2011		days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	
		✓ C390200.	HHL	2011	6/18/2011	6/30/2011	days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	

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NONE	NONE	2011			days	perm WIM	Mettler-Toledo	loadcell	W-card	Scheme F	13	ODOT test truck	none		
NONE	NONE	2011			days	perm WIM	Mettler-Toledo	loadcell	W-card	Scheme F	13	ODOT test truck	none		
✓ W390200.	H1L	2011	6/1/2011	6/30/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	ODOT scheme "F"	13	ODOT test truck	none		

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State Assigned ID	State Code	SHRP Section ID	Highway Route No.	Milepost	Location		OHIO Station #	Name of Preparer	Date Prepared	Phone Number					
721	39	100/200	DEL 23	17.48	2 miles S. of SR 229		721	Lindsey Pflum	1/0/1900	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
C390200. I1L		2011	7/1/2011	7/31/2011	days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	none
C390200. J1L		2011	8/1/2011	8/31/2011	days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	none
C390200. K1L		2011	9/1/2011	9/30/2011	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		
721	39	100/200	DEL 23	17.48	2 miles S. of SR 229		721		Lindsey Pflum	1/0/1900	614-752-4057		
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
W390200. I1L		2011	7/1/2011	7/31/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	Scheme F	13	ODOT test truck	none
W390200. J1L		2011	8/1/2011	8/31/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	Scheme F	13	ODOT test truck	none
W390200. K1L		2011	9/1/2011	9/30/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	ODOT scheme "F"	13	ODOT test truck	none

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C390200. L1L		2011	10/1/2011	10/29/2011	days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	none
C390200. M1L		2011	11/1/2011	11/30/2011	days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	none
C390200. N1L		2011	12/1/2011	12/31/2011	days	FHWA	ODOT scheme "F"	13	Permanent	Mettler-Toledo	Loadcell / piezo	none	none	none	none

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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	
W390200. L1L		2011	10/1/2011	10/31/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	Scheme F	13	ODOT test truck	none	
W390200. M1L		2011	11/1/2011	11/30/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	Scheme F	13	ODOT test truck	none	
W390200. N1L		2011	12/1/2011	12/31/2011	days	perm WIM	Mettler-Toledo	loadcell	W-card	ODOT scheme "F"	13	ODOT test truck	none	

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE: 39 SPS WIM ID: 390100 DATE (mm/dd/yyyy) 12/13/2011
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**SITE CALIBRATION INFORMATION**

1. DATE OF CALIBRATION {mm/dd/yy} 12/13/11
2. TYPE OF EQUIPMENT CALIBRATED: Both
3. REASON FOR CALIBRATION: LTPP Validation
4. SENSORS INSTALLED IN LTPP LANE AT THIS SITE (Select all that apply):
- a. Inductance Loops c.
- b. Load Cells d.
5. EQUIPMENT MANUFACTURER: Mettler

**WIM SYSTEM CALIBRATION SPECIFICS**

6. CALIBRATION TECHNIQUE USED: Test Trucks
- Number of Trucks Compared:
- Number of Test Trucks Used: 2
- Passes Per Truck: 20

	Type	Drive Suspension	Trailer Suspension
Truck 1:	<u>9</u>	<u>air</u>	<u>air</u>
Truck 2:	<u>9</u>	<u>air</u>	<u>air</u>
Truck 3:	<u></u>	<u></u>	<u></u>

7. SUMMARY CALIBRATION RESULTS (expressed as a %):

Mean Difference Between -

Dynamic and Static GVW:	<u>-1.3%</u>	Standard Deviation:	<u>1.8%</u>
Dynamic and Static Single Axle:	<u>-4.7%</u>	Standard Deviation:	<u>2.3%</u>
Dynamic and Static Double Axles:	<u>-0.5%</u>	Standard Deviation:	<u>2.6%</u>

8. NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED: 3

9. DEFINE SPEED RANGES IN MPH:

	Low		High	Runs
a. <u>Low</u>	<u>43.0</u>	to	<u>47.3</u>	<u>14</u>
b. <u>Medium</u>	<u>47.4</u>	to	<u>51.8</u>	<u>10</u>
c. <u>High</u>	<u>51.9</u>	to	<u>56.0</u>	<u>16</u>
d. <u></u>	<u></u>	to	<u></u>	<u></u>
e. <u></u>	<u></u>	to	<u></u>	<u></u>

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE:	39
	SPS WIM ID:	390100
	DATE (mm/dd/yyyy)	12/13/2011

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 0.94142

11. IS AUTO- CALIBRATION USED AT THIS SITE? No  
 If yes , define auto-calibration value(s):

**CLASSIFIER TEST SPECIFICS**

12. METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:

Manual

13. METHOD TO DETERMINE LENGTH OF COUNT: Number of Trucks

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

FHWA Class 9:	<u>-1.0</u>	FHWA Class	<u>5</u>	-	<u>0.0</u>
FHWA Class 8:	<u>          </u>	FHWA Class	<u>          </u>	-	<u>          </u>
		FHWA Class	<u>          </u>	-	<u>          </u>
		FHWA Class	<u>          </u>	-	<u>          </u>

*integer less 4*

Percent of "Unclassified" Vehicles: 0.0%

Validation Test Truck Run Set - Pre

Person Leading Calibration Effort: Dean J. Wolf  
 Contact Information: Phone: 717-975-3550  
 E-mail: dwolf@ara.com