

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL'S/YR LTPP LANE (1000'S)
2006	38,910	1,517	12,996	507	152

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☐ Growth factored last year's estimate. (6)
☐ Estimated based on volume counts at nearby locations. (3)
☐ Used computerized network analyses. (4)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Averaged multiple counts taken this year at the LTPP site. (2)
☐ Averaged and factored multiple count taken this year at the LTPP site. (5)
☐ Used flow maps. (7)
☒ Other: (8) 2006 Traffic volume map

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ☐ Used system averages from counts taken this year. (6)
☒ Used count data from nearby sites. (3)
☐ Used count data from previous years at the LTPP site. (7)
☐ Used system averages from previous years. (8)
☐ Used computerized network analyses. (4)
☐ Used a single count taken this year at the LTPP site. (5)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Averaged multiple counts taken this year at the LTPP site. (2)
☒ Other: (9) 2006 Truck volume map

4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT

- ☐ System distribution factors. (2)
☒ Based on actual lane count data. (1)
☐ Other: (3) _____

*5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT

- ☐ System distribution factors. (2)
☒ Based on actual lane data count. (1)
☐ Other: (3) _____

*6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE

- ☐ ESAL/Truck factor (1)
☐ ESAL/Vehicle class. (2) (No. of classes) _____
☐ ESAL/Axle(3) Sing. _____ Tand. _____ Tri. _____
☒ Other: (4) Recent classification counts

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
☐ Weight data from system averages this year. (3)
☒ Weight data from system averages prior years. (4)
☐ Weight data from historic W-4 Tables used. (5)
☐ Other: (6) _____

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
☐ Static scale used for enforcement. (2)
☒ Static scale not used for enforcement. (3)
☐ Other: (4) _____

NAME OF PREPARER Barry BalzannaPHONE # (410) 545-5509DATE PREPARED April 27, 2007

rev. March 12, 2001

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS COUNT) _____ IS 195

MILEPOST NO. OR LOCATION (THIS COUNT) _____ (2.23).10 mi S of Struc #2129 over Patapsco River

FILENAME _____ C245807.C1G _____ DISK ID _____

BEGINNING DATE _____ 01/01/2006 _____ BEGINNING TIME _____ 0000

ENDING DATE _____ 01/01/2006 _____ ENDING TIME _____ 2400

COUNT DURATION _____ 1 _____ [] HOURS [✓] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA _____ ✓ _____ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ SCHEME "F" _____ NO. OF BINS _____ 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT _____ ✓

EQUIPMENT MAKE/MODEL# _____ PEEK ADR 3000

SENSOR TYPE _____ MSI BARE FLAT PIEZO / LOOPS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) _____

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	Barry Balzanna	PHONE	(410) 545-5509
DATE PREPARED	03-Apr-2006		revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS COUNT) _____ IS 195

MILEPOST NO. OR LOCATION (THIS COUNT) (2.23).10 mi S of Struc #2129 over Patapsco River

FILENAME C245807.C3G DISK ID _____

BEGINNING DATE 01/03/2006 BEGINNING TIME 0000

ENDING DATE 01/31/2006 ENDING TIME 2400

COUNT DURATION 29 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: SCHEME "F" NO. OF BINS 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT ☒

EQUIPMENT MAKE/MODEL# PEEK ADR 3000

SENSOR TYPE MSI BARE FLAT PIEZO / LOOPS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) _____

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	Barry Balzanna	PHONE (410) 545-5509
DATE PREPARED	03-Apr-2006	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS COUNT) _____ IS 195

MILEPOST NO. OR LOCATION (THIS COUNT) _____ (2.23).10 mi S of Struc #2129 over Patapsco River

FILENAME _____ C245807.D1G _____ DISK ID _____

BEGINNING DATE _____ 02/01/2006 _____ BEGINNING TIME _____ 0000

ENDING DATE _____ 02/10/2006 _____ ENDING TIME _____ 2400

COUNT DURATION _____ 10 _____ [] HOURS [✓] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA _____ ✓ _____ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ SCHEME "F" _____ NO. OF BINS _____ 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT _____ ✓

EQUIPMENT MAKE/MODEL# _____ PEEK ADR 3000

SENSOR TYPE _____ MSI BARE FLAT PIEZO / LOOPS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) _____

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	Barry Balzanna	PHONE (410) 545-5509
DATE PREPARED	03-Apr-2006	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS COUNT) _____ IS 195

MILEPOST NO. OR LOCATION (THIS COUNT) _____ (2.23).10 mi S of Struc #2129 over Patapsco River

FILENAME _____ C245807.DCG _____ DISK ID _____

BEGINNING DATE _____ 02/13/2006 _____ BEGINNING TIME _____ 0000

ENDING DATE _____ 02/28/2006 _____ ENDING TIME _____ 2400

COUNT DURATION _____ 16 _____ [] HOURS [✓] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA _____ ✓ _____ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ SCHEME "F" _____ NO. OF BINS _____ 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT _____ ✓

EQUIPMENT MAKE/MODEL# _____ PEEK ADR 3000

SENSOR TYPE _____ MSI BARE FLAT PIEZO / LOOPS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) _____

COMMENTS _____

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NAME OF PREPARER _____ Barry Balzanna	PHONE (410) 545-5509
DATE PREPARED _____ 03-Apr-2006	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS COUNT) _____ IS 195

MILEPOST NO. OR LOCATION (THIS COUNT) (2.23).10 mi S of Struc #2129 over Patapsco River

FILENAME C245807.E1G DISK ID _____

BEGINNING DATE 03/01/2006 BEGINNING TIME 0000

ENDING DATE 03/31/2006 ENDING TIME 2400

COUNT DURATION 31 [] HOURS ☒ DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: SCHEME "F" NO. OF BINS 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT ☒

EQUIPMENT MAKE/MODEL# PEEK ADR 3000

SENSOR TYPE MSI BARE FLAT PIEZO / LOOPS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) _____

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Barry Balzanna</u>	PHONE <u>(410) 545-5509</u>
DATE PREPARED <u>03-Apr-2006</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS SESSION) _____ IS 195

MILEPOST NO. OR LOCATION (THIS SESSION) (2.23) .10 mi S of Struc#2129 over Patapsco River

FILENAME W245807.C1G DISK ID _____

BEGINNING DATE 01/01/2006 BEGINNING TIME 0000

ENDING DATE 01/01/2006 ENDING TIME 2400

COUNT DURATION 1 [] HOURS [✓] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM ✓ OTHER _____

EQUIPMENT MAKE/MODEL# _____ PEEK ADR 3000

SENSOR TYPE MSI--BARE FLAT PIEZO / LOOP

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23 _____

7-card 6 digit Truck Weight study _____ W-card ✓ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA SCHEME "F" NO. OF BINS 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: AUTOCALIBRATION - Calibrated on 08/04/2005
SAMPLE RATE 10 CLASS 9 VEHICLES TARGET VALUE AXLE 1=10.10 kips

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	Barry Balzanna	PHONE	(410) 545-5509
DATE PREPARED	April 3, 2006	revised February 21,2000	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS SESSION) _____ IS 195

MILEPOST NO. OR LOCATION (THIS SESSION) _____ (2.23) .10 mi S of Struc#2129 over Patapsco River

FILENAME _____ W245807.C1G _____ DISK ID _____

BEGINNING DATE _____ 01/03/2006 _____ BEGINNING TIME _____ 0000

ENDING DATE _____ 01/29/2006 _____ ENDING TIME _____ 2400

COUNT DURATION _____ 29 _____ [] HOURS [✓] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM [✓] _____ OTHER _____

EQUIPMENT MAKE/MODEL# _____ PEEK ADR 3000

SENSOR TYPE _____ MSI--BARE FLAT PIEZO / LOOP

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23 _____
 7-card 6 digit Truck Weight study _____ W-card [✓] _____ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA SCHEME "F" NO. OF BINS 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: AUTOCALIBRATION - Calibrated on 01/20/2006
 SAMPLE RATE 10 CLASS 9 VEHICLES TARGET VALUE AXLE 1=10.10 kips

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	Barry Balzanna	PHONE	(410) 545-5509
DATE PREPARED	April 3, 2006		revised February 21,2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

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MILEPOST NO. OR LOCATION (THIS SESSION) (2.23) .10 mi S of Struc#2129 over Patapsco River

FILENAME W245807.D1G DISK ID _____

BEGINNING DATE 02/01/2006 BEGINNING TIME 0000

ENDING DATE 02/10/2006 ENDING TIME 2400

COUNT DURATION 10 [] HOURS [✓] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM ✓ OTHER _____

EQUIPMENT MAKE/MODEL# _____ PEEK ADR 3000

SENSOR TYPE _____ MSI--BARE FLAT PIEZO / LOOP

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23 _____

7-card 6 digit Truck Weight study _____ W-card ✓ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA SCHEME "F" NO. OF BINS 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: AUTOCALIBRATION - Calibrated on 01/20/2006
SAMPLE RATE 10 CLASS 9 VEHICLES TARGET VALUE AXLE 1=10.10 kips

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	Barry Balzanna	PHONE	(410) 545-5509
DATE PREPARED	April 3, 2006		revised February 21,2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS SESSION) _____ IS 195

MILEPOST NO. OR LOCATION (THIS SESSION) (2.23).10 mi S of Struc#2129 over Patapsco River

FILENAME W245807.DCG DISK ID _____

BEGINNING DATE 02/13/2006 BEGINNING TIME 0000

ENDING DATE 02/28/2006 ENDING TIME 2400

COUNT DURATION 16 [] HOURS [✓] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM [✓] OTHER _____

EQUIPMENT MAKE/MODEL# PEEK ADR 3000

SENSOR TYPE MSI--BARE FLAT PIEZO / LOOP

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23 _____
 7-card 6 digit Truck Weight study _____ W-card [✓] OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA SCHEME "F" NO. OF BINS 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: AUTOCALIBRATION - Calibrated on 01/20/2006
 SAMPLE RATE 10 CLASS 9 VEHICLES TARGET VALUE AXLE 1=10.10 kips

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	Barry Balzanna	PHONE	(410) 545-5509
DATE PREPARED	April 3, 2006	revised February 21,2000	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

HIGHWAY RT. NO. (THIS SESSION) _____ IS 195

MILEPOST NO. OR LOCATION (THIS SESSION) _____ (2.23) .10 mi S of Struc#2129 over Patapsco River

FILENAME _____ W245807.E1G _____ DISK ID _____

BEGINNING DATE _____ 03/03/2006 _____ BEGINNING TIME _____ 0000

ENDING DATE _____ 03/31/2006 _____ ENDING TIME _____ 2400

COUNT DURATION _____ 31 _____ [] HOURS [✓] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM [✓] _____ OTHER _____

EQUIPMENT MAKE/MODEL# _____ PEEK ADR 3000

SENSOR TYPE _____ MSI--BARE FLAT PIEZO / LOOP

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23 _____

7-card 6 digit Truck Weight study _____ W-card [✓] _____ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA SCHEME "F" NO. OF BINS 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: AUTOCALIBRATION - Calibrated on 01/20/2006
SAMPLE RATE 10 CLASS 9 VEHICLES TARGET VALUE AXLE 1=10.10 kips

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	Barry Balzanna	PHONE	(410) 545-5509
DATE PREPARED	April 3, 2006		revised February 21,2000

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[0 0 6 6]
	*STATE CODE	[2 4]
	*SHRP SECTION ID	[5 8 0 7]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [0 1 / 2 0 / 2 0 0 6]
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 PEEK ADR 3000

ENTERED APR 28 2006
DM

WIM SYSTEM CALIBRATION SPECIFICS**

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

TRF-91

		<u>1</u> 3 PASSES PER TRUCK
	TRUCK TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	1 <u>9</u>	AIR (1)
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	2 _____	_____
3 - OTHER (DESCRIBE)	3 _____	_____

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW 3.9 STANDARD DEVIATION 5.2
 DYNAMIC AND STATIC SINGLE AXLES -4.4 STANDARD DEVIATION 4.4
 DYNAMIC AND STATIC DOUBLE AXLES _____ STANDARD DEVIATION _____
8. 4 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 51 to 55
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: F9 / 10.10 / 10

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: _____

SCANNED

FEB 2006

Dr. _____

PERSON LEADING CALIBRATION EFFORT: John Reed

CONTACT INFORMATION: 410-381-1995

rev. November 9, 1999

Entered March 7, 2007 *

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [0 0 6 6] *STATE CODE [2 4] *SHRP SECTION ID [5 8 0 7]
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [0 9 / 1 0 / 2 0 0 6]
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 PEEK ADR 3000

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

TRF-91

TYPE PER FHWA 13 BIN SYSTEM SUSPENSION: 1 - AIR; 2 - LEAF SPRING 3 - OTHER (DESCRIBE)	TRUCK TYPE	SUSPENSION	
		1 0 PASSES PER TRUCK	AIR (1)
1	9		
2			
3			

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN ---
DYNAMIC AND STATIC GVW -16.1 STANDARD DEVIATION 3.9
DYNAMIC AND STATIC SINGLE AXLES 7.5 STANDARD DEVIATION 5.1
DYNAMIC AND STATIC DOUBLE AXLES . STANDARD DEVIATION .
8. 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 55 to 62
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: F9 / 10.30 / 10

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: <u>John Reed</u>
CONTACT INFORMATION: <u>410-381-1995</u> rev. November 9, 1999