

SHEET 11 LTPP TRAFFIC DATA  VOLUME DATA TRANSMITTAL FORM	STATE ASSIGNED ID <u>140101</u>
	STATE CODE <u>1391</u>
	SHRP SECTION ID <u>140311</u>

HIGHWAY RT. NO. (THIS COUNT) I-270 MILEPOST NO. (THIS COUNT) 9.82

LOCATION (THIS COUNT) I-270 Roberts Rd.

FILENAME V394031.C17 DISKTAPE ID \_\_\_\_\_

BEGINNING DATE Jan 1, 1997 BEGINNING TIME 0000

ENDING DATE Aug. 25, 1997 ENDING TIME 2400

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY \_\_\_\_\_ GPS LANE \_\_\_\_\_

COUNT DURATION 67 [ ] HOURS [1] DAYS [ ] MONTHS

TYPE OF SENSOR \_\_\_\_\_ ROAD TUBES \_\_\_\_\_ PIEZO CABLE

\_\_\_\_\_ PIEZO FILM ☒ LOOPS \_\_\_\_\_ OTHER \_\_\_\_\_

EQUIPMENT MANUFACTURER / MODEL # Toledo Scale

AXLE CORRECTION FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

MONTHLY/SEASONAL FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

DAY-OF-WEEK FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

OTHER FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_  
SPECIFY \_\_\_\_\_

DISTRIBUTION FACTOR FOR GPS LANE \_\_\_\_\_  
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew Williams Jr.</u>	PHONE # <u>614-752-4058</u>
DATE PREPARED <u>8/9/97</u>	

SHEET 11 <b>LTPP TRAFFIC DATA</b>  <b>VOLUME DATA</b> <b>TRANSMITTAL FORM</b>	STATE ASSIGNED ID <u>140101</u>
	STATE CODE <u>1391</u>
	SHRP SECTION ID <u>140311</u>

HIGHWAY RT. NO. (THIS COUNT) I-270 MILEPOST NO. (THIS COUNT) 9.82

LOCATION (THIS COUNT) I-270 Roberts Rd.

FILENAME V394031.JP7 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE Aug. 26, 1997 BEGINNING TIME 0000

ENDING DATE DEC 6, 1997 ENDING TIME 2400

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY \_\_\_\_\_ GPS LANE \_\_\_\_\_

COUNT DURATION 102 [ ] HOURS [ 4 ] DAYS [ ] MONTHS

TYPE OF SENSOR \_\_\_\_\_ ROAD TUBES \_\_\_\_\_ PIEZO CABLE

\_\_\_\_\_ PIEZO FILM ☒ LOOPS \_\_\_\_\_ OTHER \_\_\_\_\_

EQUIPMENT MANUFACTURER / MODEL # Toledo Scale

AXLE CORRECTION FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

MONTHLY/SEASONAL FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

DAY-OF-WEEK FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

OTHER FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_  
SPECIFY \_\_\_\_\_

DISTRIBUTION FACTOR FOR GPS LANE \_\_\_\_\_  
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew Williams Jr.</u>	PHONE # <u>614-752-4058</u>
DATE PREPARED <u>2/4/98</u>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	STATE ASSIGNED ID [4010] STATE CODE [39] SHRP SECTION ID [4031]
--	---

HIGHWAY RT. NO. (THIS SESSION) I-270 MILEPOST NO. (THIS SESSION) 9.82

LOCATION (THIS COUNT) I-270 Roberts Rd

FILENAME C394031.C17

DISKTAPE ID \_\_\_\_\_

BEGINNING DATE Jan 1, 1997

BEGINNING TIME 0000

ENDING DATE July 30, 1997

ENDING TIME 2400

COUNT DURATION 44

[ ] HOURS [4] DAYS [ ] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER\* \_\_\_\_\_ #BINS \_\_\_\_\_

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

\* IF OTHER IS SELECTED PROVIDE NAME OF SHA CLASSIFICATION SCHEME \_\_\_\_\_

TYPE OF AVC EQUIPMENT: PORTABLE \_\_\_\_\_

PERMANENT ☒

EQUIPMENT MAKE/MODEL # Toledo Scale

SENSOR TYPE Piezo

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS \_\_\_\_\_

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) \_\_\_\_\_

COMMENTS TO TEXT \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Andrew William Jr.

PHONE # 614-752-4058

DATE PREPARED 9/24/97

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	STATE ASSIGNED ID <u>[4010]</u>
	STATE CODE <u>[39]</u>
	SHRP SECTION ID <u>[4031]</u>

HIGHWAY RT. NO. (THIS SESSION) I-270 MILEPOST NO. (THIS SESSION) 9.82  
 LOCATION (THIS COUNT) I-270 Roberts Rd

FILENAME C39 4031.5A7 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE Aug 26, 1997 BEGINNING TIME 0000

ENDING DATE DEC 6, 1997 ENDING TIME 2400

COUNT DURATION 115 [ ] HOURS [ ☒ ] DAYS [ ] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER\* \_\_\_\_\_ #BINS \_\_\_\_\_

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

\* IF OTHER IS SELECTED PROVIDE NAME OF SHA CLASSIFICATION SCHEME \_\_\_\_\_

TYPE OF AVC EQUIPMENT: PORTABLE \_\_\_\_\_ PERMANENT ☒

EQUIPMENT MAKE/MODEL # Toledo Scale

SENSOR TYPE Piezo

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES  
 BY CLASSIFICATION.

GENERAL FACTORS \_\_\_\_\_

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) \_\_\_\_\_

COMMENTS TO TEXT \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew Williams Jr.</u>	PHONE # <u>614-752-4058</u>
DATE PREPARED _____	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	STATE ASSIGNED ID <u>140101</u>
	STATE CODE <u>1391</u>
	SHRP SECTION ID <u>140311</u>

HIGHWAY RT. NO. (THIS SESSION) I-270

MILEPOST NO. OR LOCATION (THIS SESSION) 9.82 (Roberts Rd.)

FILENAME W394031.C17 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE Jan 1, 1997 BEGINNING TIME 0000

ENDING DATE Aug. 31, 1997 ENDING TIME 2400

COUNT DURATION 60 [ ] HOURS [ ☒ ] DAYS [ ] MONTHS

WEIGHT SCALE TYPE: PORT. WIM \_\_\_\_\_ PERM. WIM ☒ OTHER \_\_\_\_\_

EQUIPMENT MAKE/MODEL# Toledo Scale

SENSOR TYPE Load Cell

NAME OF SHA CLASSIFICATION SCHEME: FHWA Scheme 'F'

METHOD OF CALIBRATION AND FREQUENCY: Seasonal

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew Williams</u>	PHONE # <u>614-752-4058</u>
DATE PREPARED <u>2/4/98</u>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	STATE ASSIGNED ID <u>140101</u> STATE CODE <u>1391</u> SHRP SECTION ID <u>140311</u>
--	--

HIGHWAY RT. NO. (THIS SESSION) I - 270

MILEPOST NO. OR LOCATION (THIS SESSION) 9.82 (Roberts Rd.)

FILENAME W394031.K17 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE Sept. 1, 1997 BEGINNING TIME 0000

ENDING DATE Oct. 31, 1997 ENDING TIME 2400

COUNT DURATION 62 [ ] HOURS [ ☒ ] DAYS [ ] MONTHS

WEIGHT SCALE TYPE: PORT. WIM \_\_\_\_\_ PERM. WIM ☒ OTHER \_\_\_\_\_

EQUIPMENT MAKE/MODEL# Toledo Scale

SENSOR TYPE Load Cell

NAME OF SHA CLASSIFICATION SCHEME: FHWA Scheme 'F'

METHOD OF CALIBRATION AND FREQUENCY: Seasonal

COMMENTS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew Williams</u>	PHONE # <u>614-752-4058</u>
DATE PREPARED <u>2/5/98</u>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	STATE ASSIGNED ID [4010] STATE CODE [39] SHRP SECTION ID [4031]
--	---

HIGHWAY RT. NO. (THIS SESSION) I - 270

MILEPOST NO. OR LOCATION (THIS SESSION) 9.82 (Roberts Rd.)

FILENAME W394031.M17 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE Nov 1, 1997 BEGINNING TIME 0000

ENDING DATE DEC 11, 1997 ENDING TIME 2400

COUNT DURATION 39 [ ] HOURS [ 4 ] DAYS [ ] MONTHS

WEIGHT SCALE TYPE: PORT. WIM \_\_\_\_\_ PERM. WIM ☒ OTHER \_\_\_\_\_

EQUIPMENT MAKE/MODEL# Toledo Scale

SENSOR TYPE Load Cell

NAME OF SHA CLASSIFICATION SCHEME: FHWA Scheme 'F'

METHOD OF CALIBRATION AND FREQUENCY: Seasonal

COMMENTS \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew Williams</u>	PHONE # <u>614-752-4058</u>
DATE PREPARED <u>2/5/98</u>	

Sheet 1-16.xls  
up to 60

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[4010]
	*STATE CODE	[39]
	*SHRP SECTION ID	[4031]

SITE CALIBRATION INFORMATION

ENTERED MAY 03 2004

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [10/21/1997]
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 Mettler-Toledo Inc.

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  
  
☐ PASSES PER TRUCK  
  
TYPE PER FHWA 13 BIN SYSTEM  
SUSPENSION: 1 - AIR; 2 - LEAF SPRING  
3 - OTHER (DESCRIBE)
- | TRUCK | TYPE | SUSPENSION |
|-------|------|------------|
| 1     | 9    | 1          |
| 2     |      |            |
| 3     |      |            |
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. ☐ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 50-55
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_
- 11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (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: Andrew Williams  
CONTACT INFORMATION: 614-752-4059 rev. November 9, 1999

<b>SHEET 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	*STATE ASSIGNED ID [4010] *STATE CODE [39] *SHRP SECTION ID [4031]
--	--

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [10/21/1997]

2. \* TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH

3. \* REASON FOR CALIBRATION  
☒ REGULARLY SCHEDULED SITE VISIT  
☐ EQUIPMENT REPLACEMENT  
☐ DATA TRIGGERED SYSTEM REVISION  
☐ OTHER (SPECIFY) \_\_\_\_\_  
☐ RESEARCH  
☐ TRAINING  
☐ NEW EQUIPMENT INSTALLATION

ENTERED NOV 19 2003

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 Inc.

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

59 PASSES PER TRUCK  
TRUCK TYPE SUSPENSION  
1 9 1  
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) 55-60

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_

11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (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: Andrew Williams  
CONTACT INFORMATION: 614-752-4059

rev. November 9, 1999