

ENTERED SEP 16 2005

Port Washington

<p align="center"><b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE-NO SITE COUNT</b></p>	*STATE ASSIGNED ID	<u>3202</u>
	*STATE CODE	<u>55</u>
	*SHRP SECTION ID	<u>3008</u>

**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)
<u>90</u>	<u>17,525</u>	<u>2,972</u>	<u>7,886</u>	<u>1,010</u>	<u>885</u> <del><u>1,624</u></del>

**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) \_\_\_\_\_

**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) \_\_\_\_\_

**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) 10
- ☐ ESAL/Axle(3) Sing. \_\_\_\_\_ Tand. \_\_\_\_\_ Tri. \_\_\_\_\_
- ☐ Other: (4) \_\_\_\_\_

**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) this site - October 2004

**8. WEIGHT SCALE TYPE**

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

ENTERED APR 09 2005

NAME OF PREPARER <u>John Williamson</u>	PHONE # <u>608-267-2939</u>
DATE PREPARED _____	rev. March 12, 2001

SHEET 11  
LTPP TRAFFIC DATA

VOLUME DATA  
TRANSMITTAL FORM

\*STATE ASSIGNED ID [3202]  
\*STATE CODE [55]  
\*SHRP SECTION ID [3008]

HIGHWAY RT. NO. (THIS COUNT) I-43 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) 0.9 mile North of STH 84

FILENAME V553008.K10 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE 9-1-90 BEGINNING TIME 0100

ENDING DATE 9-13-90 ENDING TIME 2400

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

COUNT DURATION 13 [ ] HOURS [X] DAYS [ ] MONTHS

TYPE OF SENSOR 2 ROAD TUBES 1 PIEZO CABLE per lane  
\_\_\_\_\_ PIEZO FILM 2 LOOPS \_\_\_\_\_ OTHER \_\_\_\_\_

EQUIPMENT MANUFACTURER / MODEL # STREETE2 RICHARDSON TRAFFICMAP III MODEL 241

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 John Williamson PHONE # 608 267 2939  
DATE PREPARED 8/4/92

SHEET 11  
LTPP TRAFFIC DATA

VOLUME DATA  
TRANSMITTAL FORM

\*STATE ASSIGNED ID [3202]  
\*STATE CODE [55]  
\*SHRP SECTION ID [3008]

HIGHWAY RT. NO. (THIS COUNT) I-43 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) 0.9 mile North of STH 84

FILENAME V553008.MSØ DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE 11-29-90 BEGINNING TIME 1400

ENDING DATE 11-30-90 ENDING TIME 2400

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

COUNT DURATION 0.35 X HOURS [ ] DAYS [ ] MONTHS

TYPE OF SENSOR 2 ROAD TUBES 1 PIEZO CABLE per lane  
\_\_\_\_\_ PIEZO FILM 2 LOOPS \_\_\_\_\_ OTHER \_\_\_\_\_

EQUIPMENT MANUFACTURER / MODEL # STREETE2 RICHARDSON TRAFFICOMP III MODEL 241

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 John Williamson PHONE # 608 267 2939  
DATE PREPARED 8/4/92

SHEET 11  
LTPP TRAFFIC DATA

VOLUME DATA  
TRANSMITTAL FORM

\*STATE ASSIGNED ID [3202]  
\*STATE CODE [55]  
\*SHRP SECTION ID [3008]

HIGHWAY RT. NO. (THIS COUNT) I-43 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) 0.9 mile North of STH 84

FILENAME V55 3008. N10 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE 12-1-90 BEGINNING TIME 0100

ENDING DATE 12-31-90 ENDING TIME 2400

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

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

TYPE OF SENSOR 2 ROAD TUBES 1 PIEZO CABLE per lane  
PIEZO FILM 2 LOOPS \_\_\_\_\_ OTHER \_\_\_\_\_

EQUIPMENT MANUFACTURER / MODEL # STREETER RICHARDSON TRAFFICOMP III MODEL  
Z41

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 John Williamson PHONE # 608 267 2939  
DATE PREPARED 8/4/92

SHEET 12  
LTPP TRAFFIC DATA

CLASSIFICATION DATA  
TRANSMITTAL FORM

\*STATE ASSIGNED ID [3202]  
\*STATE CODE [55]  
\*SHRP SECTION ID [3008]

HIGHWAY RT. NO. (THIS SESSION) I-43 MILEPOST NO. (THIS SESSION) \_\_\_\_\_

LOCATION (THIS COUNT) 0.9 mile North of STH 84

FILENAME C553008. KLP DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE 9-1-90 BEGINNING TIME 0100

ENDING DATE 9-13 ENDING TIME 2400

COUNT DURATION 13 [ ] HOURS [X] DAYS [ ] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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.

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

EQUIPMENT MAKE/MODEL # STREETER RICHARDSON TRAFFICOMP III model 241

SENSOR TYPE 2 loops and 1 Piezo per lane

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 John Williamson PHONE # 608 267 2939  
DATE PREPARED 8/4/92

SHEET 12  
LTPP TRAFFIC DATA

CLASSIFICATION DATA  
TRANSMITTAL FORM

\*STATE ASSIGNED ID [3202]

\*STATE CODE [55]

\*SHRP SECTION ID [3008]

HIGHWAY RT. NO. (THIS SESSION) I-43 MILEPOST NO. (THIS SESSION) \_\_\_\_\_

LOCATION (THIS COUNT) 0.9 mile North of STH 84

FILENAME C553008.MSD DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE 11-29-90 BEGINNING TIME 1400

ENDING DATE 11-30 ENDING TIME 2400

COUNT DURATION 35 X HOURS [ ] DAYS [ ] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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.

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

EQUIPMENT MAKE/MODEL # STREETER RICHARDSON TRAFFICOMP III MODEL 241

SENSOR TYPE 2 LOOPS and 1 Piezo per lane

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 John Williamson PHONE # 608 267 2939  
DATE PREPARED 8/4/92

# LTPP TRAFFIC DATA

## CLASSIFICATION DATA TRANSMITTAL FORM

\*STATE ASSIGNED ID [3202]  
\*STATE CODE [55]  
\*SHRP SECTION ID [3008]

HIGHWAY RT. NO. (THIS SESSION) I-43 MILEPOST NO. (THIS SESSION) \_\_\_\_\_  
LOCATION (THIS COUNT) 0.9 mile North of STH 84  
FILENAME C553008.NLP DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE 12-1-90 BEGINNING TIME 0100

ENDING DATE 12-31-90 ENDING TIME 2400

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

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

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE  
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TYPE OF AVC EQUIPMENT: PORTABLE \_\_\_\_\_ PERMANENT X

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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 John Williamson PHONE # 608 267 2939  
DATE PREPARED 8/4/92

SHEET 14  
LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [3202]

STATE CODE [55]

SHRP SECTION ID [3008]

Port Washington

I-43 LOCATION 0.9 mile North of STH 84

DATE OF INSTALLATION 8/22/90

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	AVC-	TC 3 - Struth	241-080-6922-8945 (T57)
Interface	—	Richardson	
Modem	1200 baud	UDS 212 A-P TrafficOMP III	#223
Loop Amplifiers	—		
Other	—		
Sensor(s) / Platform(s)			
GPS Lane Sensor NB	Piezo electric	Penwalt	DPOG-03016
Sensor Next Adjacent Lane (1)	" 8' photo	"	DPOG-03019
Sensor Next Adjacent Lane (2)	" film	"	DPOG-03041
Sensor Next Adjacent Lane (3)	"	"	DPOG-03026
Diagonal Sensor	—		
Offscale Sensor	—		
Right Platform	—		
Left Platform	—		
Other	—		
Software			
Complete Package		Struth 261 Version 3.6	
Axle Spacing Algorithm Only			
Other			
Loops			
Upstream - Lane 1	6'X6'	D&T made - PVC channel	
Downstream - Lane 1	"	conduit w/ 12 AWG wire	
Upstream - Other Lanes	"		
Downstream - Other Lanes	"		



<b>SHEET 15</b> <b>LTPP TRAFFIC DATA</b> <b>LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM</b>	*STATE ASSIGNED ID [3202]
	*STATE CODE [55]
	*SHRP SECTION ID [3008]

Fort Washington

I-43 LOCATION 0.9 mile North of SR 84 TYPE EQUIP. Street Richardson AVC

MP # \_\_\_\_\_ MODEL # 241

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
11/29/90	11:00	replaced TC3	D. Amherdt		T93
7/15/91		replaced TC3	D. Penning		T117
"		replaced modem	"		261
3/25/92		replaced TC3	J. Oldenburg		T17
6/9/92	10:00	replaced TC3	"		T120
9/15/92		"	"		T33