

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [_ 34 _] *SHRP SECTION ID [_ 6057 _ _]
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STATE OR PROVINCE New Jersey COUNTY Mercer
 HIGHWAY ROUTE NO. I-95 MILEPOST# 1.1
 NEAREST CITY/TOWN Approx. 3 miles south of Trenton NEAREST INTERSECTION Approx. 1.1 miles North of Rt. 29
 FUNCTIONAL CLASS 11 NO. LANES EACH DIRECTION 3 TOTAL NO. LANES 6
 DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. Dec. 61
 FIPS COUNTY CODE 021 FHWA STATION IDENTIFICATION NO. _____
 HPMS SAMPLE NO. 000410 HPMS SUBDIVISION NO. _____
 TYPE OF PAVEMENT: AC x PCC _____ OTHER _____
 CONTROL OF ACCESS: YES _____ NO x MEDIAN: YES x NO _____
 CURRENT SURROUNDING DEVELOPMENT:
 URBAN x SUBURBAN _____ RURAL _____
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES x NO _____
 IF YES, DESCRIBE CHANGES Area has grown from farmlands to commercial and residential subdivisions.

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE
SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF
EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT
STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [3 4] *SHRP SECTION ID [346057]
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
1989	41800	4810	6480	1680	252 950
1988	41200	4740	6390	1660	495
1987	40700	4680	6310	1640	440
1986	40200	4620	6230	1620	934
1985	36800	4230	5700	1480	396
1984	33400	3840	5180	1344	360
1983	32000	3680	4960	1290	345
1982	34500	3970	5350	1390	215
1981	29600	3400	4590	1190	184
1980	29200	3360	4530	1180	183
1979	28800	3310	4460	1160	180
1978	26700	3070	4140	1080	167
1977	27500	3160	4260	1110	172
1976	17200	1980	2670	690	107
1975	14200	1630	2200	570	88
1974	12600	1450	1950	510	79
1973	12600	1450	1950	510	79
1972	6900	790	1070	280	120 43
1971	4800	550	740	190	29
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

STATE ASSIGNED ID [_ _ _ _]

STATE CODE [34]

SHRP SECTION ID [6057]

1. Year (s) Applicable 1971-1982

2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☒ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: _____

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) _____
- ☐ Other: _____

7. ESAL ESTIMATES

(A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☒ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: _____

(B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☒ Static scale not used for enforcement.
- ☐ Other: _____

NAME OF PREPARER _____ PHONE # _____

DATE PREPARED _____

LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

STATE ASSIGNED ID [_ _ _ _]

STATE CODE [34]

SHRP SECTION ID [6057]

1. Year (s) Applicable 1983

2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☒ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: _____

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) _____
- ☐ Other: _____

7. ESAL ESTIMATES

(A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☒ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: _____

(B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☒ Static scale not used for enforcement.
- ☐ Other: _____

NAME OF PREPARER _____ PHONE # _____

DATE PREPARED _____

LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

STATE ASSIGNED ID [_ _ _ _]

STATE CODE [34]

SHRP SECTION ID [6057]

1. Year (s) Applicable 1984-89

2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☒ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: _____

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) _____
- ☐ Other: _____

7. ESAL ESTIMATES

(A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☒ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: _____

(B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☒ Static scale not used for enforcement.
- ☐ Other: _____

NAME OF PREPARER _____ PHONE # _____

DATE PREPARED _____

1/23/90
SHRPPLN.WK1

NEW JERSEY

TRAFFIC DATA COLLECTION PLAN
FOR SHRP-LTPP SITES

STATE: 34 (NEW JERSEY)
STATE CONTACT/TRAFFIC: ANTHONY J. DELUCIA
TELEPHONE NO.: 609-530-3501

TYPE	SHRP ID	HWY #	LOCATION OF TEST SITE	SHRP FUNDS NEEDED (Y/N)	AVC (365 DAYS/YEAR)	WIM (7 DAYS/YEAR)	TYPE OF DETECTOR	LOCATION 1	TYPE OF WEIGHT SENSOR	MODE OF OPERATION	LOCATION 2
	341030	NJ 23	BET. DOREMUS RD. AND BUTLER MP 24				tubes	at site	capacitance mat	A	at site
	341003	NJ 15	1 MILE NORTH OF MORRIS CO. LINE MP 10				tubes	at site	capacitance mat	A	at site
	341031	NJ 55	MP 36.5				tubes	at site	capacitance mat	A	at site
	341011	I-195	1 MILE EAST OF RT 524/539 MP 9.5				piezos and loop	0.75 mile east of site	BWS strain gauges	B	0.75 mile east of site
	341034	NJ 55	0.5 MI S. OF RT 544 O.P. MP 58.5				tubes	at site	capacitance mat	A	at site
	341033	US 202	0.9 MI S OF NJ 179 MP 4.1				tubes	at site	capacitance mat	A	at site
	341638	NJ 55	5.25 MI N OF NJ 47 MP 57.5				tubes	at site	capacitance mat	A	at site
	344042	I-295	0.3 MI N OF CHURCH RD MP 38.7				piezos and loop	0.86 mile N. of site	BWS strain gauges	B	0.34 mile S. of site
	346057	I-95	0.4 MI S OF RT 579 MP 1.2				tubes	at site	capacitance mat	A	at site

MODES OF OPERATION:

- A - 48-hour weekday and 48-hour weekend each quarter
- B - three 8-hour shifts each quarter, weekdays only