

RECEIVED AUG 24 1990

<p align="center">SHEET 1</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">SUMMARY TRANSMITTAL FORM</p>	*STATE ASSIGNED ID [0098]
	*STATE CODE [48]
	*SHRP SECTION ID [1049]

JB 8-28-95

ARCHIVED JUL 17 2008 TK

STATE OR PROVINCE Texas COUNTY NACOGDOCHES

HIGHWAY ROUTE NO. US 59 MILEPOST# _____

NEAREST CITY/TOWN Nacogdoches NEAREST INTERSECTION LP 224

FUNCTIONAL CLASS 14 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 01 01 84

FIPS COUNTY CODE 347 FHWA STATION IDENTIFICATION NO. _____

HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____

TYPE OF PAVEMENT: AC ☒ PCC _____ OTHER _____

CONTROL OF ACCESS: YES ☒ NO _____ MEDIAN: YES ☒ NO _____

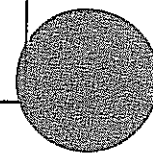
CURRENT SURROUNDING DEVELOPMENT:
 URBAN _____ SUBURBAN _____ RURAL ☒

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES _____ NO _____
 IF YES, DESCRIBE CHANGES _____

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 <u>RONNIE CREFFON</u>	PHONE # _____
DATE PREPARED <u>7/13/90</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>48</u>] *SHRP SECTION ID [<u>2049</u>]
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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	<u>15300</u>	<u>3718</u>	<u>4973</u>	<u>1208</u>	<u>411</u>
1988	<u>14500</u>	<u>3596</u>	<u>4713</u>	<u>1169</u>	<u>413</u>
1987	<u>14300</u>	<u>3561</u>	<u>4648</u>	<u>1157</u>	<u>449</u>
1986	<u>13200</u>	<u>3393</u>	<u>4290</u>	<u>1103</u>	<u>412</u>
1985	<u>13100</u>	<u>3380</u>	<u>4258</u>	<u>1099</u>	<u>434</u>
1984	<u>14500</u>	<u>3596</u>	<u>4713</u>	<u>1169</u>	<u>456</u>
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 3

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

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [48]

*SHRP SECTION ID [1049]

1. Year Applicable 1989 - 1994

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) 13
☐ 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 _____

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>48</u>]
	*SHRP SECTION ID [<u>1049</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-59

MILEPOST# OR LOCATION (THIS COUNT) US-59 N of City limits < 1 miles of GPS

BEGINNING DATE 4-10-89 ENDING DATE - 4-11-89

BEGINNING TIME 9:54 AM ENDING TIME 9:54 AM

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Streetmeter NAME/MODEL # 163

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>15584</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>-----</u>
B. AXLE CORRECTION FACTOR		<u>-.440</u>
C. DAY OF WEEK FACTOR		<u>-----</u>
D. MONTH FACTOR		<u>-.980</u>
E. OTHER FACTOR (_____)		<u>-----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>15300</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>-.50</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>-.45</u>
6. AADT GPS LANE		<u>4973</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [18]
	*SHRP SECTION ID [1049]

HIGHWAY ROUTE NO. (THIS COUNT) US-59

MILEPOST# OR LOCATION (THIS COUNT) US-59 N. of City limits
21 mile from GPS site

BEGINNING DATE ^{01/01} 1988 ENDING DATE ^{01/02} 1988

BEGINNING TIME 10:00 ENDING TIME 10:00

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Streeteramet NAME/MODEL # 163

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		-----
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR ()		-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>14500</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.50</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.65</u>
6. AADT GPS LANE		<u>4713</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [18]
	*SHRP SECTION ID [1049]

HIGHWAY ROUTE NO. (THIS COUNT) US-59

MILEPOST# OR LOCATION (THIS COUNT) US-59 N. of City Limits
41 mile from GPS

BEGINNING DATE ^{01/01} 1987 ENDING DATE ^{01/02} 1987

BEGINNING TIME 10:00 ENDING TIME 10:00

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Streetscanet NAME/MODEL # 163

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		-----
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR (_____)		-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>14300</u> 14300 SLT FL GPS
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.50</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.65</u>
6. AADT GPS LANE		<u>4648</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>18</u>]
	*SHRP SECTION ID [<u>1049</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-59

MILEPOST# OR LOCATION (THIS COUNT) US-59 N. of City limits.
< 1 mile from GPS site

BEGINNING DATE ^{01/01} 1986 ENDING DATE ^{01/02} 1986

BEGINNING TIME 10:00 ENDING TIME 10:00

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Streetscanet NAME/MODEL # 163

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		-----
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR (_____)		-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>13200</u> Estimated on State Highway Maps
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.50</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.65</u>
6. AADT GPS LANE		<u>4290</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>18</u>]
	*SHRP SECTION ID [<u>1049</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-59

MILEPOST# OR LOCATION (THIS COUNT) US-59 N. of City limits
21 mile from GPS site

BEGINNING DATE ^{01/01} 1985 ENDING DATE ^{01/02} 1985

BEGINNING TIME 10:00 ENDING TIME 10:00

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Streeteramet NAME/MODEL # 163

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		-----
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR ()		-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>13100</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.50</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.65</u>
6. AADT GPS LANE		<u>4258</u>

~~STATION LOCATION~~
~~STATION NAME~~
~~STATION MAPS~~

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>18</u>]
	*SHRP SECTION ID [<u>1049</u>]

HIGHWAY ROUTE NO. (THIS COUNT) 05-59

MILEPOST# OR LOCATION (THIS COUNT) US-59 N. of City Limits
21 mile from GPS Site

BEGINNING DATE 1984 ENDING DATE 1984

BEGINNING TIME 10:00 ENDING TIME 10:00

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Streeteramet NAME/MODEL # 163

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		-----
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR ()		-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>14500</u> estimated based on
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.50</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.65</u>
6. AADT GPS LANE		<u>4713</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____] *STATE CODE [<u>48</u>] *SHRP SECTION ID [<u>1049</u>]
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HIGHWAY RT. NO. (THIS COUNT) US-59 MILEPOST# (THIS COUNT) _____
 LOCATION (THIS COUNT) less than 1 mile of GPS FUNCTIONAL CLASS 14
 BEGINNING DATE 01-01-89 ENDING DATE 01-02-89
 BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) 24

TYPE OF COUNT: MANUAL ☒ AUTOMATED _____ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. _____ WIM PORT. _____

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 15300 # TRUCKS 3634 % TRUCKS 23.8

NO. OF TRUCKS IN GPS LANE _____ % OF TRUCKS IN GPS LANE _____

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____ # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE
 DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND
 COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER
 CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>11655</u>	_____	_____
2. FHWA CLASS 4 (Buses)	<u>11</u>	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>539</u>	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>138</u>	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>0</u>	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>219</u>	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>2640</u>	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>44</u>	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>41</u>	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>14</u>	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>0</u>	_____	_____
12. OTHER VEHICLES	<u>0</u>	_____	_____
GRAND TOTAL	<u>15301</u>	_____	_____

NAME OF PREPARER _____ PHONE # _____
 DATE PREPARED _____