

RECEIVED OCT 28 1991

SHEET 1
LTPP TRAFFIC DATA
SUMMARY TRANSMITTAL FORM

*STATE ASSIGNED ID [5211]
*STATE CODE [28]
*SHRP SECTION ID [5803]

JB
8-10-95

STATE OR PROVINCE MS COUNTY MARSHALL
HIGHWAY ROUTE NO. US 78 MILEPOST# 19.9
NEAREST CITY/TOWN HOLLY SPRINGS NEAREST INTERSECTION 1 MI SE MS 7
FUNCTIONAL CLASS 2 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
DIRECTION OF TRAVEL GPS LANE W DATE OPENED TO TRAF. 12-01-79
FIPS COUNTY CODE 093 FHWA STATION IDENTIFICATION NO. _____
HPMS SAMPLE NO. 470002018723 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 _____ PHONE # _____
DATE PREPARED _____

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [28] *SHRP SECTION ID [5803]
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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 (1986-9) 1000's
1989	10,200	3500	3830	1310	507.910
1988	8350	2840	3130	1070	408.780
1987	5880	2000	2200	800	282.690
1986	5650	1920	2120	720	266.440
1985	6440	2130	2420	800	297.520
1984	6350	2100	2380	790	287.040
1983	6290	2080	2360	780	277.810
1982	6210	2050	2330	770	267.620
1981	6210	2050	2330	770	261.110
1980	5010	1600	1880	600	204.630
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 [28]

*SHRP SECTION ID [5803]

1. Year Applicable 1989-1980 (79)

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

STATE ASSIGNED ID [0741

STATE CODE [28]

SHRP SECTION ID [5803]

LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

LOCATION	TYPE EQUIP.
Holly Springs, Marshall Co (US 478)	PAT

MODEL # DAW 100

MP # NA MODEL # DAW 100

[illegible]

SHEET 15

LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

STATE ASSIGNED ID [0741

STATE CODE [28]

SHRP SECTION ID [58031]

LOCATION	TYPE EQUIP.	PAT
Holly Springs, Marshall Co (US 78)		

MP # NA (2578) MODEL # DAW 100

[illegible]

[illegible]

[illegible]

SHEET 15

LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

STATE ASSIGNED ID [014]

STATE CODE [28]

SHRP SECTION ID
[5803]

LOCATION HOLLY SPRINGS MARSHALL CO.
(US 78)

TYPE EQUIP. *PAT*

MP #

MODEL # DAW 100

[illegible]

RECEIVED OCT 14 1997

<p>SHEET 15</p> <p>LTPP TRAFFIC DATA</p> <p>LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM</p>	STATE ASSIGNED ID [0141
	STATE CODE [28]
	SHRP SECTION ID [58031

LOCATION Holly Springs, Marshall Co TYPE EQUIP. PAT

MP # NA MODEL # DAW 100

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
5-1-97	3:04 P.M.	VER. 3.73 / PIEZO 6.27 BAD PIEZO BOARD, MALFUNCTIONS WITH MAIN BOARD, I INSTALLED GOOD PIEZO BOARD ALSO INSTALLED TWO	ALAN D HATCH	601 359 7685	PIEZO BOARD 070
"	"	GOOD COMMUNICATION PORT BOARDS FOR MAIN BOARD RESET / OK	"	"	COMM BOARDS 0010 0011
6-19-97	10:46 A.M.	INSTALLED NEW SOFTWARE & DIGITAL LOOP BOARDS RECALIBRATED SENSORS	"	"	LOOP BOARDS 9301099 9401163
7-18-97	9:45 A.M.	LIGHTNING DAMAGE TO PIEZO TERMINAL BLOCK AND PIEZO BOARD	"	"	TER. BLOCK N/A
"	"	INSTALLED GOOD BOARDS RESET / OK	"	"	PIEZO BOARD 9300070

LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

STATE ASSIGNED ID [074]

STATE CODE [28]

SHRP SECTION ID [58031]

LOCATION	TYPE EQUIP.	PAT
Holly Springs, Marshall Co (4578)		DW

MP # NA

MODEL # DAW 100

[illegible]

LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST
LOCATIONS WITH PERM. AVC OR WIM

STATE ASSIGNED ID [0141]
 STATE CODE [28]
 SHRP SECTION ID [58031]

LOCATION Holly Springs, Marshall Co
 (US 48)

TYPE EQUIP. PAT

MP # NA

MODEL # DAW 100

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
7/23/96	11:08	LIGHTNING Damage Replaced Two Loop Board, P. Terminal	Alan Hatch	357 7685	LB 606,708 Modem 91387 NE 051
		Block + Mother Board also Replaced Modem	"		

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LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

LOCATION Holly Springs, Marshall Co
(US 78)

MP # NA

TYPE EQUIP. *PAT*

MODEL # DAW 100

STATE ASSIGNED ID [-074]

STATE CODE [Z8]

SHRP SECTION ID [58031]

RECEIVED FEB 13 1995

[illegible]

SHEET 15

LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST
LOCATIONS WITH PERM. AVC OR WIM

STATE ASSIGNED ID [014]

STATE CODE [28]

SHRP SECTION ID [5803]

LOCATION Holly Springs, Marshall Co TYPE EQUIP. PAT
(US 78)MP # NA MODEL # DAW 100

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
7-5-94	12:30	PIEZO ANALYZER WOULD NOT REGISTER INSTALLED NEW BOARD - OK. HIGH COUNTS STILL RESULTING IN LANES 2, 3, & 4. LOW COUNTS IN LANE 1	ALAN D. HATCH	944 9142	9300156
11	11	PIEZO SENSORS LOCKUP ON OCCASIONS RESULTING IN LOSS OF VEHICLE?	11	11	11
8-2-94	12:00	PIEZO ANALYZER WOULD NOT REGISTER INSTALL NEW BOARD: (WORKED OK) HIGH COUNTS STILL RESULTING IN 2, 3 & 4 LOCKS UP IN LANE 1 RESULTING IN LOSS OF VEHICLE	11	359 7685	066
11	11		11	11	11
8-21-94	15:00	CHANGED LOOP FREQUENCY IN ALL LANES. CHANGED LOOP SENSITIVITY IN LANE ONE TO LOW/MEDIUM AND 3 LANES	MIKE LEGGETT (PAT) C.D. MELTON P.O. THORNTON ALAN D. HATCH	11	N/A
11	11	2, 3 & 4 TO LOW. CLASS DELAY CHANGED TO 60% AND WIM TO 30%. TEMP. PROBE WAS CHECKED BUT RESULTS: NO GOOD	11	11	11
11	11	BAD CABLE (215). FINDING THE RESULTS IN LOSS OF VEHICLE IN LANE 1 ARE READ SPOTS IN ALL SENSORS	11	11	11

LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

STATE ASSIGNED ID [014]

STATE CODE [28]

SHRP SECTION ID [5803]

LOCATION	TYPE EQUIP.	PAT
Holly Springs, Marshall Co (US 78)		

MP # NA MODEL # DAW 100

[illegible]

LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

SHRP SECTION ID [5803]

MP # NA MODEL # DAW 100

[illegible]

SHEET 15
LTPP TRAFFIC DATA

LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

STATE ASSIGNED ID [_ 0 7 4]

STATE CODE [28]

SHRP SECTION ID 158031

LOCATION Holly Springs, Marshall Co
(US 78)
MP # NA TYPE EQUIP. PAT
MODEL # DAW 100

MP # NA

MODEL # DAK 100

[illegible]

SHEET 11
LTPP TRAFFIC DATA

VOLUME DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [#014]

*STATE CODE [28]

*SHRP SECTION ID [5803]

HIGHWAY RT. NO. (THIS COUNT) US 78 MILEPOST NO. (THIS COUNT) NA

LOCATION (THIS COUNT) Holly Springs, Marshall County

FILENAME V285803.I12 DIST/TAPE ID SHRP No. 1

BEGINNING DATE 7-1-92 BEGINNING TIME 0 hour A.M.

ENDING DATE 9-02-92 ENDING TIME 24 hour P.M.

TYPE OF COUNT: TWO-WAY X ONE-WAY SPS LANES

COUNT DURATION 64 [] HOURS [X] DAYS [] MONTHS

TYPE OF SENSOR ROAD TUBES X PIEZO CABLE

 PIEZO FILM LOOPS OTHER

EQUIPMENT MANUFACTURER/MODEL # PAT - DAW 100

AXLE CORRECTION FACTOR N/A STANDARD DEV. OF FACTOR N/A

MONTHLY/SEASONAL FACTOR N/A STANDARD DEV. OF FACTOR N/A

DAY-OF-WEEK FACTOR N/A STANDARD DEV. OF FACTOR N/A

OTHER FACTOR N/A STANDARD DEV. OF FACTOR N/A

SPECIFY

DISTRIBUTION FACTOR FOR GPS LANE N/A
(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 Carolyn R. Thornton PHONE # 601-944-9142
DATE PREPARED 10-22-92

RECEIVED AUG 10 1992

SHEET 11
LTPP TRAFFIC DATA

VOLUME DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [#014]

*STATE CODE [28]

*SHRP SECTION ID [5803]

HIGHWAY RT. NO. (THIS COUNT) US 78 MILEPOST NO. (THIS COUNT) NA

LOCATION (THIS COUNT) Holly Springs, Marshall County

FILENAME V285803.F12 DIST/TAPE ID SHRP No. 1

BEGINNING DATE 4-1-92 BEGINNING TIME 0 hour A.M.

ENDING DATE 6-30-92 ENDING TIME 24 hour P.M.

TYPE OF COUNT: TWO-WAY X ONE-WAY SPS LANES

COUNT DURATION 3 [] HOURS [] DAYS [X] MONTHS

TYPE OF SENSOR ROAD TUBES X PIEZO CABLE

 PIEZO FILM LOOPS OTHER

EQUIPMENT MANUFACTURER/MODEL # PAT - DAW 100

AXLE CORRECTION FACTOR N/A STANDARD DEV. OF FACTOR N/A

MONTHLY/SEASONAL FACTOR N/A STANDARD DEV. OF FACTOR N/A

DAY-OF-WEEK FACTOR N/A STANDARD DEV. OF FACTOR N/A

OTHER FACTOR N/A STANDARD DEV. OF FACTOR N/A
SPECIFY

DISTRIBUTION FACTOR FOR GPS LANE N/A
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE

COMMENTS: Day 5-14-92, hour 15 missing.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Carolyn R. Thornton PHONE # 601-944-9142
DATE PREPARED 8-1-92