

<p>SHEET 10</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUME AND LOAD</p> <p>ESTIMATE UPDATE - NO SITE COUNT</p>	<p>*STATE ASSIGNED ID [<u>065</u>]</p> <p>*STATE CODE [<u>183</u>]</p> <p>*SHRP SECTION ID [<u>6454</u>]</p>
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1. ANNUAL TRAFFIC ESTIMATES

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S / YR GPS LANE (1000's)
<u>1991</u>	<u>5179</u>	<u>761</u>	<u>2204</u>	<u>324</u>	<u>222</u>

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☐ Growth factored last year's estimate.
☐ Estimated based on volume counts at nearby locations.
☐ Used computerized network analysis.
☒ Other Based on counts at this location.

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.
☒ Used count data from nearby sites.
☐ Used count data from previous years at GPS site.
☐ Used system averages from previous year counts.
☐ Used computerized network analysis.
☐ Other _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

- ☒ System distribution factors. 85
☐ Other _____

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT

- ☒ System distribution factors.
☐ Other _____

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE

- ☒ ESAL/Truck factor. 686
☐ ESAL/vehicle class factors -
 Number of classes _____
☐ Other _____

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS site.
☐ Current year system average.
☒ Prior year system average.
☐ Historical W-4 tables.
☐ Other _____

8. WEIGHT SCALE TYPE

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

NAME OF PREPARER <u>DOUG HURL</u>	PHONE # <u>(204) 945-5660</u>
DATE PREPARED <u>JAN. 1993</u>	

SHEET 11
LTPP TRAFFIC DATA

VOLUME DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS COUNT) PTH 1 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME V836454.G91 DISK/TAPE ID _____

BEGINNING DATE 05-09-91 BEGINNING TIME 11:00

ENDING DATE 09-16-91 ENDING TIME 8:00

TYPE OF COUNT: TWO-WAY X ONE-WAY _____ GPS LANE _____

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

TYPE OF SENSOR _____ ROAD TUBES _____ PIEZO CABLE

_____ PEIZO FILM X LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # GOLDEN RIVER / MARKSMAN 600

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 0.85
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE More recent data.

COMMENTS : _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660

DATE PREPARED MAY 1992

SHEET 11
LTPP TRAFFIC DATA

VOLUME DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [_____]

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS COUNT) PTH 1 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME V836454.KF1 DISK/TAPE ID _____

BEGINNING DATE 09-16-91 BEGINNING TIME 09:00

ENDING DATE 10-01-91 ENDING TIME 09:00

TYPE OF COUNT: TWO-WAY ~~HW~~ ONE-WAY X GPS LANE _____

COUNT DURATION 15 [] HOURS [x] DAYS [] MONTHS

TYPE OF SENSOR _____ ROAD TUBES _____ PIEZO CABLE

_____ PEIZO FILM X LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # GOLDEN RIVER / MARKSMAN 600

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 DOUG HURL PHONE # (204) 945-5660

DATE PREPARED MAY 1992

SHEET 11
LTPP TRAFFIC DATA

VOLUME DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS COUNT) PTH 1 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME V836454.LQ1 DISK/TAPE ID _____

BEGINNING DATE 10-27-91 BEGINNING TIME 12:00

ENDING DATE 11-13-91 ENDING TIME 09:00

TYPE OF COUNT: TWO-WAY X ONE-WAY _____ GPS LANE _____

COUNT DURATION 16 [] HOURS [X] DAYS [] MONTHS

TYPE OF SENSOR _____ ROAD TUBES _____ PIEZO CABLE

_____ PEIZO FILM X LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # GOLDEN RIVER / MARKSMAN 600

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 DOUG HURL PHONE # (204) 945-5660

DATE PREPARED MAY 1992

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_____]
	*STATE CODE [<u>83</u>]
	*SHRP SECTION ID [<u>6454</u>]

HIGHWAY RT. NO. (THIS SESSION) PTH 1 MILEPOST NO. (THIS SESSION) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME C836454.MC1 DISK/TAPE ID _____

BEGINNING DATE 11-13-91 BEGINNING TIME 14:00

ENDING DATE 11-17-91 ENDING TIME 18:00

COUNT DURATION 4 [] 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 # GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

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>DOUG HURL</u>	PHONE # <u>(204) 945-5660</u>
DATE PREPARED <u>MAY 1992</u>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_____]
	*STATE CODE [<u>83</u>]
	*SHRP SECTION ID [<u>6454</u>]

HIGHWAY RT. NO. (THIS SESSION) PTH 1 MILEPOST NO. (THIS SESSION) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME C836454.MJ1 DISK/TAPE ID _____

BEGINNING DATE 11-20-91 BEGINNING TIME 9:00

ENDING DATE 11-21-91 ENDING TIME 3:00

COUNT DURATION 18 [☒] 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 # GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

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>DOUG HURL</u>	PHONE # <u>(204) 945-5660</u>
DATE PREPARED <u>MAY 1992</u>	

SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [_____]

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS SESSION) PTH 1 MILEPOST NO. (THIS SESSION) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME C836454.MN1 DISK/TAPE ID _____

BEGINNING DATE 11-24-91 BEGINNING TIME 13:00

ENDING DATE 11-25-91 ENDING TIME 5:00

COUNT DURATION 16:00 [☒] 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 # GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

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 DOUG HURL PHONE # (204) 945-5660

DATE PREPARED MAY 1992

**SHEET 12
LTPP TRAFFIC DATA**

**CLASSIFICATION DATA
TRANSMITTAL FORM**

*STATE ASSIGNED ID [_____]

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS SESSION) PTH 1 MILEPOST NO. (THIS SESSION) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME C836454.MO1 DISK/TAPE ID _____

BEGINNING DATE 11-25-91 BEGINNING TIME 9:00

ENDING DATE 11-26-91 ENDING TIME 12:00

COUNT DURATION 27 [☒] 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 # GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

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 DOUG HURL PHONE # (204) 945-5660

DATE PREPARED MAY 1992

SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [_____]

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS SESSION) PTH 1 MILEPOST NO. (THIS SESSION) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME C836454.MQ1 DISK/TAPE ID _____

BEGINNING DATE 11-27-91 BEGINNING TIME 9:00

ENDING DATE 12-02-91 ENDING TIME 8:00

COUNT DURATION 5 [] 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 # GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

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 DOUG HURL PHONE # (204) 945-5660

DATE PREPARED MAY 1992

SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [_____]

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS SESSION) PTH 1 MILEPOST NO. (THIS SESSION) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME C836454.N51 DISK/TAPE ID _____

BEGINNING DATE 12-05-91 BEGINNING TIME 9:00

ENDING DATE 12-23-91 ENDING TIME 14:00

COUNT DURATION 18 [] 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 # GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

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 DOUG HURL PHONE # (204) 945-5660

DATE PREPARED MAY 1992

**SHEET 12
LTPP TRAFFIC DATA**

**CLASSIFICATION DATA
TRANSMITTAL FORM**

*STATE ASSIGNED ID [_____]

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS SESSION) PTH 1 MILEPOST NO. (THIS SESSION) _____

LOCATION (THIS COUNT) 4.2 MILES WEST OF PR 350 (MACGREGOR)

FILENAME C836454.NM1 DISK/TAPE ID _____

BEGINNING DATE 12-23-91 BEGINNING TIME 14:00

ENDING DATE 01-06-92 ENDING TIME 9:00

COUNT DURATION 14 [] 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 # GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

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 DOUG HURL PHONE # (204) 945-5660

DATE PREPARED MAY 1992

**SHEET 12
TRAFFIC DATA
COLLECTION SITE**

STATE ASSIGNED ID 065
STATE CODE 83
SHRP SECTION ID 6454
EFFECTIVE DATE 10/27/91

HIGHWAY RT. NO. P.T.H. #1 MILEPOST NO. N/A

LOCATION 4.2 MILES WEST OF P.R. #350 (MACGREGOR)

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE PERMANENT X

AVC EQUIPMENT MAKE / MODEL NO. GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM X OTHER

WIM EQUIPMENT MAKE / MODEL NO. GOLDEN RIVER / MARKSMAN 600

SENSOR TYPE CAPACITANCE STRIP

METHOD OF CALIBRATION: TEST TRUCK (2 AXLE DUMP) - AXLE WEIGHTS

FREQUENCY OF CALIBRATION: ONCE PER YEAR

COMMENTS: CALIBRATION FACTORS - EACH WHEEL PATH HAS 2 SENSORS

	SENSOR NUMBER			
DATE	1	2	3	4
JUNE 4, 1992	731	742	612	609

NAME OF PREPARER RON WEATHERBURN
DATE PREPARED JULY 1994

PHONE NO. (204) 945-5660