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| <b>SHEET 10</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME AND LOAD</b><br><b>ESTIMATE UPDATE - NO SITE COUNT</b> | *STATE ASSIGNED ID [ <u>4852</u> ]<br>*STATE CODE [ <u>17</u> ]<br>*SHRP SECTION ID [ <u>4082</u> ] |
|---|---|

**1. ANNUAL TRAFFIC ESTIMATES**

| YEAR        | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>GPS LANE | ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>GPS LANE | ESTIMATED<br>ESAL'S/YR<br>GPS LANE<br>(1000's) |
|-------------|--|---|---|---|--|
| <u>1991</u> | <u>4,700</u>                                     | <u>540</u>                                    | <u>2,430</u>                                    | <u>243</u>                                    | <u>68</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 1991, 24-HOUR COUNT

**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.  
☒ Other PREVIOUS YEARS' ACTUAL LANE COUNT DATA

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

- ☐ System distribution factors.  
☒ Other PREVIOUS YEARS' ACTUAL LANE COUNT DATA

**6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE**

- ☐ ESAL/Truck factor.  
☒ ESAL/vehicle class factors -  
   Number of classes 13  
☐ 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>RAY L. RAMBO</u> | PHONE # <u>217/725-2999</u> |
| DATE PREPARED <u>7-7-92</u>          |                             |

|  |   |
|--|---|
| <b>SHEET 13</b><br><b>LTPP TRAFFIC DATA</b><br><b>VEHICLE WEIGHT DATA</b><br><b>TRANSMITTAL FORM</b> | *STATE ASSIGNED ID [ <u>5852</u> <u>0012</u> ]        |
|  | *STATE CODE [ <u>17</u> ]                             |
|  | *SHRP SECTION ID [ <u>5020</u> <u>8</u> <u>4082</u> ] |

HIGHWAY RT. NO. (THIS SESSION) US 50

MILEPOST NO. OR LOCATION (THIS SESSION) 7.5 miles west of ST 127

FILENAME W175020.819 J11 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE 8/19/91 BEGINNING TIME 9:59 A.M.

ENDING DATE 9/5/91 ENDING TIME 9:38 A.M.

COUNT DURATION 17 [ ] HOURS [X] DAYS [ ] MONTHS

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

EQUIPMENT MAKE/MODEL# GK 6000

SENSOR TYPE Peizo, Loop, Peizo

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

|                                      |                             |
|--------------------------------------|-----------------------------|
| NAME OF PREPARER <u>Robert Green</u> | PHONE # <u>217-785-2355</u> |
| DATE PREPARED <u>2/6/92</u>          |                             |

|  |   |
|--|---|
| <b>SHEET 13</b><br><b>LTPP TRAFFIC DATA</b><br><b>VEHICLE WEIGHT DATA</b><br><b>TRANSMITTAL FORM</b> | *STATE ASSIGNED ID <sup>5852</sup> [ 0012 ] |
|  | *STATE CODE [ 17 ]                          |
|  | *SHRP SECTION ID [ 5020 ] <sup>4082</sup>   |

HIGHWAY RT. NO. (THIS SESSION) US 50

MILEPOST NO. OR LOCATION (THIS SESSION) 7.5 miles west of St 127

FILENAME W175020.905 K51 DISK/TAPE ID \_\_\_\_\_

BEGINNING DATE 9/5/91 BEGINNING TIME 10:07 A.M.

ENDING DATE 9/17/91 ENDING TIME 8:32 A.M.

COUNT DURATION 13 [ ] HOURS [ <sup>X</sup> ] DAYS [ ] MONTHS

WEIGHT SCALE TYPE: PORT. WIM \_\_\_\_\_ PERM. WIM <sup>X</sup> \_\_\_\_\_ OTHER \_\_\_\_\_

EQUIPMENT MAKE/MODEL# GK 6000

SENSOR TYPE Peizo, Loop, Peizo

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

|                                      |                             |
|--------------------------------------|-----------------------------|
| NAME OF PREPARER <u>Robert Green</u> | PHONE # <u>217-785-2355</u> |
| DATE PREPARED <u>2/6/92</u>          |                             |

SHEET 14  
LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [0012\_]

STATE CODE [17\_]

SHRP SECTION ID [4082\_]

LOCATION US 50 .5 MI WEST OF ST 127 DATE OF INSTALLATION May, 1991

|  | TYPE                     | BRAND NAME          | SERIAL NUMBER |
|--|--------------------------|---------------------|---------------|
| Control Unit(s) and peripheral equipment |                          |                     |               |
| Control Unit                             | GK 6000 Awacs Classifier | GK Instrument Ltd.  | 9101-1126     |
| Interface                                |                          |                     |               |
| Modem                                    | Model 212A LP            | Universal Data Sys. | 072171        |
| Loop Amplifiers                          |                          |                     |               |
| Other <u>DATA MODULE</u>                 | GK 4 MEG STORAGE         | GK INSTRUMENT LTD   | 19453         |
| Sensor(s) / Platform(s)                  |                          |                     |               |
| GPS Lane Sensor                          | Type I Peizo (Element)   | Peek Traffic Inc.   | None          |
| Sensor Next Adjacent Lane (1)            | TYPE I PEIZO (ELEMENT)   | PEEK TRAFFIC INC.   | NONE          |
| Sensor Next Adjacent Lane (2)            |                          |                     |               |
| Sensor Next Adjacent Lane (3)            |                          |                     |               |
| Diagonal Sensor                          |                          |                     |               |
| Offscale Sensor                          | Type II Peizo (Film)     | Peek Traffic Inc.   | None          |
| Right Platform                           |                          |                     |               |
| Left Platform                            |                          |                     |               |
| Other <u>TEMP PROBE</u>                  | ANALOG DEVICE            | GK INSTRUMENT LTD   | NONE          |
| Software                                 |                          |                     |               |
| Complete Package                         | Telemetry                | Cordon ver. 2.00    | 1161          |
| Axle Spacing Algorithm Only              |                          |                     |               |
| Other <u>Report Program</u>              | Data Link                | Awacs ver. 1.23     | 00001037      |
| Loops                                    |                          |                     |               |
| Between Peizo Bars                       | Standard Count           |                     | None          |
| Lane 1                                   | Loop 6' X 8'             |                     |               |
| Between Peizo Bars                       | Standard Count           |                     | None          |
| Lane 2                                   | Loop 6' X 8'             |                     |               |