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| SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT | STATE ASSIGNED ID [0907] STATE CODE [46] SHRP SECTION ID [5025] |
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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) |
|------|--|---|---|---|--|
| 1992 | <u>3390</u> | <u>780</u> | <u>1526</u> | <u>351</u> | <u>46.8</u> |

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY).
- [] Growth factored last year's estimate.
- [x] Estimated based on volume counts at nearby locations.
- [] Used computerized network analysis.
- [] Other _____

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY).
- [] Used system average from counts taken this year.
- [x] Used count data from nearby sites.
- [] Used count data from previous years at GPS site.
- [] Used system averages from previous years counts.
- [] Used computerized network analysis.
- [] Other _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT.
- [] System distribution factors.
- [x] Other Estimation 90/10

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.
- [] System distribution factors.
- [x] Other Estimation 90/10

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.
- [x] ESAL/Truck factor.
- [] ESAL/vehicle class factor-
Number of classes.
- [] Other _____

7. ESAL ESTIMATES - SOURCE OF DATA.
- [] Prior years data collected at GPS site.
- [] Current year system average.
- [x] 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.
- [x] Other SD Bridge Weigh System

NAME OF PREPARER Rocky W. Hook PHONE # (605) 773-3336
 DATE PREPARED 7-11-94

**North Central Region of FHWA-LTPP
Traffic Data Collection Equipment Installation And Change Log**

| State Code | SHRP Id | Location | Install Date | Brand Name | Model | Serial No. Control Unit | GPS Sensor Type | Software Brand/Version | Loops | Equipment Change | Date of Change |
|------------|---------|-------------------------------|--------------|------------|--------|-------------------------|-----------------|------------------------|-------|------------------|----------------|
| 46 | 3009 | | | | | | | | | | |
| 46 | 3010 | | | | | | | | | | |
| 46 | 3012 | E of Sturgis, near Tilford | 09/19/91 | PAT | DAW200 | "N/A" | Bend plate | | | | |
| 46 | 3012 | E of Sturgis, near Tilford | | PAT | DAW100 | "N/A" | Bend plate | | | | 07/31/92 |
| 46 | 3013 | | | | | | | | | | |
| 46 | 3052 | | | | | | | | | | |
| 46 | 3053 | | | | | | | | | | |
| 46 | 5020 | | | | | | | | | | |
| 46 | 5025 | | | | | | | | | | |
| 46 | 5040 | | | | | | | | | | |
| 46 | 6600 | | | | | | | | | | |
| 46 | 7049 | | | | | | | | | | |
| 46 | 9106 | | | | | | | | | | |
| 46 | 9187 | | | | | | | | | | |
| 46 | 9197 | | | | | | | | | | |
| 46 | SPS6 | E of Groton (mp. Approx. 307) | | IRD | DD 200 | | Bend plate | | | | 07/22/92 |