

<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE <u>49</u>
	*SHRP SECTION ID <u>3011</u>

STATE OR PROVINCE UTAH COUNTY JUAB  
 HIGHWAY ROUTE NO. I-15 MILEPOST# 221.17  
 NEAREST CITY/TOWN 1 mi so. of NEPHI NEAREST INTERSECTION 4 mi NO. of SR-132  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4 <sup>NOT</sup> 05/86  
 DIRECTION OF TRAVEL GPS LANE NO. DATE OPENED TO TRAF. 05-86  
 FIPS COUNTY CODE 023 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC \_\_\_\_\_ PCC X OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES X NO \_\_\_\_\_ MEDIAN: YES \_\_\_\_\_ NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL X  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES X NO \_\_\_\_\_  
 IF YES, DESCRIBE CHANGES Large truck stop at so. NEPHI  
interchange.

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE

**ENTERED**

**MAR 06 2001**

By JDP

SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF  
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT  
 STATION RELATIVE TO THIS GPS TEST SECTION.

**ENTERED**

**DEC 10 1991**

By \_\_\_\_\_

NAME OF PREPARER JOHN WETENKAMP PHONE # 801-965-4137  
 DATE PREPARED 7/13/90

**ENTERED**  
**2/8/91**



<b>SHEET 2</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ _ _ _ _ ]  *STATE CODE [ 4 2 ]  *SHRP SECTION ID [ 3 0 1 1 ]
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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	5,920	2,120	2,345	917	517
1988	5,795	2,145	2,295	930	506
1987	4,800	1,870	1,900	810	440
1986	4,115	1,605	1,630	695	382
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1984					
1983					
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1969				<b>ENTERED</b> <b>DEC 10 1991</b>	
1968					
1967				<b>By</b> _____	
1966					
1965					

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	<b>ENTERED</b> <b>DEC 28 1991</b>



File = 800.12.10.8.11

<p align="center"><b>SHEET 2</b></p> <p align="center"><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b></p>	*STATE ASSIGNED ID [ _ _ _ ]
	*STATE CODE [42]
	*SHRP SECTION ID [3011]

NAPH1  
I-15 NB

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	5,920	2,120 (36%)	2,345 (40%)	917 (39%)	517 (50%)
1988	5,795	2,145 (37%)	2,295 (40%)	930 (40%)	506 (50%)
1987	4,800	1,870 (39%)	1,900 (40%)	810 (33%)	440 (50%)
1986	4,415	1,605 (36%)	1,630 (40%)	695 (33%)	382 (50%)
1985	4,715	(1839)	(1886)	(810)	(446) - 4??
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1983					
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1967					
1966					
1965					

**ENTERED**

**MAR 06 2001**

By JDP

**ENTERED**

**DEC 10 1991**

By

NAME OF PREPARER

DATE PREPARED

( ) PREPARED BY EARL LAIRD

PHONE #

**ENTERED**

11.11.11.11.11

QUESTION: DID WE AT NCE PROVIDE THE 1985 AADT OF 4115 AND G. KUNL, UTAH DOT) PROVIDE THE 1985 AADT OF 4715. IF EARLY SUPPLIED THE COLLECTION THAT WE SHOULD ADJUST THE OTHER DATA BEING USED? I USED THE SAME 4115 FROM FRONTAL COLLECTION. DO THE ESTIMATES IN ( ) OK?



## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 49 ]

\*SHRP SECTION ID [ 3011 ]

1. Year Applicable 1986, 1987, 1989

## 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: Manual count
- I-15 M.P. 252.00

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Manual count
- I-15 M.P. 252.00

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 11 (3-13)
- ☐ 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: \_\_\_\_\_

ENTERED

DEC 10 1991

By \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

ENTERED  
DEC 28 1991



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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [49]

\*SHRP SECTION ID [3011]

1. Year Applicable \_\_\_\_\_

## 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: Manual count  
I-15 252.00

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: Manual count  
I-15 M.P. 252.00

## 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: \_\_\_\_\_

ENTERED

DEC 10 1991

By \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

ENTERED  
DEC 28 1991



## TRAFFIC VOLUME COUNTS

\*SHRP SECTION ID [3011]

TYPE OF COUNT: TWO-WAY X ONE DIRECTION ONLY\_\_\_ GPS TEST LANE ONLY\_\_\_

## UNITS

- \_\_2295

By W

DATE PREPARED \_\_\_\_\_

2/8/91