

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE-NO SITE COUNT</b>	<table style="width: 100%;"> <tr> <td>*STATE ASSIGNED ID</td> <td>[ C12E ]</td> </tr> <tr> <td>STATE CODE</td> <td>[ 15 ]</td> </tr> <tr> <td>SHRP SECTION ID</td> <td>[ 1003 ]</td> </tr> </table>	*STATE ASSIGNED ID	[ C12E ]	STATE CODE	[ 15 ]	SHRP SECTION ID	[ 1003 ]
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**1. ANNUAL TRAFFIC ESTIMATES**      Traffic Station C12E, Honoapiilani Hwy  
RTE 30, MP 28.37, (northbound)

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	ESTIMATED TOTAL TRUCKS AADT LTPP LANE	ESTIMATED ESAL'S/YR LTPP LANE (1000'S)
2005	16,359	598	8,201	396	79.6

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

- ☐ Growth factored last year's estimate. (6)  
☐ Estimated based on volume counts at nearby locations. (3)  
☐ Used computerized network analyses. (4)  
☐ Factored a single count taken this year at the LTPP site. (1)  
☐ Average multiple counts taken this year at the LTPP site. (2)  
☐ Average and factored multiple counts taken this year at the LTPP site. (5)  
☐ Used flow maps. (7)  
☒ Other: (3)      Calculated by FHWA VTRIS software using multiple counts taken by WIM system at site

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

- ☐ Used system averages from counts taken this year. (6)  
☐ Used count data from nearby sites. (3)  
☐ Used count data from previous years at the LTPP site. (7)  
☐ Used system averages from previous years. (9)  
☐ Used computerized network analyses. (4)  
☐ Used a single count taken this year at the LTPP site. (5)  
☐ Factored a single count taken this year at the LTPP site. (4)  
☐ Averaged multiple counts taken this year at the LTPP site. (2)  
☒ Other: (9)      Same as for item no. 2

**4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT**

- ☐ System distribution factors. (2)  
☒ Based on actual lane count data. (1)  
☐ Other: (3)

**\*5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT**

- ☐ System distribution factors. (2)  
☒ Based on actual lane count data. (1)  
☐ Other: (3)

**\*6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE**

- ☐ ESAL/Truck factor (1)  
☒ ESAL/Vehicle class. (2) (No. of classes)      10 (FHWA 4-13)  
☐ ESAL/Axle(3)      Sing      Tand      Tri        
☐ Other: (4)

**7. ESAL ESTIMATES - SOURCE OF DATA**

- ☐ Weight data collected at LTPP site prior years. (2)  
☒ Weight data from system averages this year. (3)  
☐ Weight data from system averages prior years. (4)  
☐ Weight data from historic W-4 Tables used. (5)  
☐ Other: (6)

**8. WEIGHT SCALE TYPE**

- ☒ WIM scale. (1)  
☐ Static Scale used for enforcement. (2)  
☐ Static Scale not used for enforcement. (3)  
☐ Other: (4)

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DATE PREPARED      4/17/2006	rev. March 12, 2001

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SK