

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE-NO SITE COUNT</b>	*STATE ASSIGNED ID	[ S9 ]
	STATE CODE	[ 15 ]
	SHRP SECTION ID	[ 1008 ]

**1. ANNUAL TRAFFIC ESTIMATES** Traffic Station S9, Queen Kaahumanu Hwy Extension  
RTE 11, MP 120.60, (southbound) 350

*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)
2007	22,621	1,363	11,650	814	156.2

**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 analysis. (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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