

Chulitna / Parks Hwy

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID <u>6113</u> *STATE CODE <u>02</u> *SHRP SECTION ID <u>2RQ35</u>
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4/26/91

STATE OR PROVINCE Alaska COUNTY Mat-Su Borough

HIGHWAY ROUTE NO. SR-3 (Parks) MILEPOST# 121.8 to 121.9

NEAREST CITY/TOWN Trappers Creek NEAREST INTERSECTION Talkeetna Spur

FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2

DIRECTION OF TRAVEL GPS LANE N DATE OPENED TO TRAF. 09/01/97

FIPS COUNTY CODE AK 170 FHWA STATION IDENTIFICATION NO. 170000, 006, 365

HPMS SAMPLE NO. 170000, 006, 365 HPMS SUBDIVISION NO. None

TYPE OF PAVEMENT: AC ☒ PCC ☐ OTHER ☐

CONTROL OF ACCESS: YES ☐ NO ☒ MEDIAN: YES ☐ NO ☒

CURRENT SURROUNDING DEVELOPMENT:
URBAN ☐ SUBURBAN ☐ RURAL ☒

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?

YES ☐ NO ☒

IF YES, DESCRIBE CHANGES _____

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

ENTERED SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF
DEC 13 1991 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT

By WJ STATION RELATIVE TO THIS GPS TEST SECTION.

ENTERED ENTERED

MAY 02 1991 AUG 19 1991

By _____ By _____

NAME OF PREPARER <u>David Esch</u>	PHONE # <u>(907) 474-2471</u>
DATE PREPARED <u>3/30/91</u>	

Chulitna Site
- From E. Fork Chulitna
Recorder

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID 6113
	*STATE CODE 02
	*SHRP SECTION ID 219035

(KEAL's Before Overlay = 491,000)

Overlaid
8/90
(Truck
%)

11.4
11.4
11.1
13.4
13.0
13.8
14.0
15.2
17.5
20.8
21.4
15.1
14.4
11.8
13.6
12.7
12.6*
12.4
12.4*
12.4*

Road
open
4 months

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)
	751	85.6	378	42.8	29.7
1989	750	85.5	375	42.8	29.7
1988	733	81.4	366	40.7	27.6
1987	698	93.5	349	46.8	31.6
1986	739	96.1	370	48.0	31.4
1985	764	105.4	382	52.7	34.6
1984	703	98.4	352	49.2	33.2
1983	668	101.5	334	50.8	35.4
1982	576	100.8	288	50.4	34.9
1981	610	126.9	305	63.4	41.9
1980	468	100.1	234	50.0	32.8
1979	442	66.7	221	33.4	21.8
1978	468	67.4	234	33.7	22.4
1977	481	56.8	240	28.4	18.9
1976	452	61.5	226	30.8	19.3
1975	516	65.5	258	32.8	19.6
1974	387	48.8	194	24.4	14.1
1973	334	41.4	167	20.7	11.6
1972	281 (est)	34.8	140	17.2	9.6
1971	90	11.2	45	5.6	3.1
1970					
1969					
1968					
1967					
1966					
1965					

17.3 KEAL's
before
overlay

ESAL's
Truck

1.90
1.90
1.86
1.85
1.79
1.80
1.85
1.91
1.90
1.81
1.80
1.79
1.82
1.83
1.72
1.64
1.58
1.53
1.53
1.53

ENTERED

DEC 13 1991

ENTERED

MAY 22 1991

ENTERED

AUG 19 1991

By

ENTERED

By

MAR 06 2001

NAME OF PREPARER

BY JDP

PHONE #

(907) 974-2971

DATE PREPARED

3/9/91

SHEET 3

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

*STATE ASSIGNED ID 61131*STATE CODE 1021*SHRP SECTION ID 21903511. Year Applicable 1973 to 1989 (all)

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: Continuous volume counter at nearby site

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: - Single annual 16 hr count taken at nearby site

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: 2-lane Section, 1/2 of 2-way count

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☒ Based on actual lane count data.
☐ System distribution factors.
☐ Other: 2-lane Road, 1/2 of 2-way truck count

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) 14
☐ Other: -

ENTERED

AUG 19 1991

7. ESAL ESTIMATES

(A) Source of Data By 1990

- ☒ 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: Glenn Highway Northbound Weigh Station - 1990 averages for

(B) Weight Scale Type each class

- ☒ WIM scale. - installed @ site 9/90
☒ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☐ Other: -

ENTERED

DEC 13 1991

ENTERED

MAY 02 1991

General Note: Most trucks across GPS site must cross Glenn Hwy Wt. Station just north of Anchorage. Wt. Factors computed for average truck from annual % in each class in 16 hr mid-summer class count. Confidence in figures est. @ $\pm 50\%$

NAME OF PREPARER David EschPHONE # 907 474-2471DATE PREPARED -

Scanned

SHEET 3

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

*STATE ASSIGNED ID [6113]

*STATE CODE [02]

*SHRP SECTION ID 2120351

1. Year Applicable 1971-72

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: Used 1973 Truck % from 16 hr Class Count - Nearby Site

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count By HW
☐ System distribution factors.
☒ Other: 1/3 of 2-way estimate

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: 1/3 of 2-way estimate

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: Use Data from 1990 at Fixed Scales 100 mi. south of Site

(B) Weight Scale Type

- ☐ WIM scale.
☒ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☐ Other: _____

ENTERED

ENTERED ENTERED

MAY 02 1991

AUG 19 1991

By _____ By _____

NAME OF PREPARER David EachPHONE # (907) 478-2471DATE PREPARED 3/30/91