

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [8907] *STATE CODE [30] *SHRP SECTION ID [7066]
--	--

STATE OR PROVINCE MONTANA COUNTY Sweet Grass  
 HIGHWAY ROUTE NO. I 90 MILEPOST# 364  
 NEAREST CITY/TOWN 2 mi. W. of Big Timber NEAREST INTERSECTION 2 mi. W. of US 191  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE W DATE OPENED TO TRAF. 09-01-82 ?  
 FIPS COUNTY CODE 097 FHWA STATION IDENTIFICATION NO. Change from IN 125 ✓  
 HPMS SAMPLE NO. 100090353103 HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES X NO \_\_\_\_\_ MEDIAN: YES X NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL X  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES \_\_\_\_\_ NO X  
 IF YES, DESCRIBE CHANGES \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF

ENTERED

DEC 12 1991

By llw EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT STATION RELATIVE TO THIS GPS TEST SECTION.

ENTERED

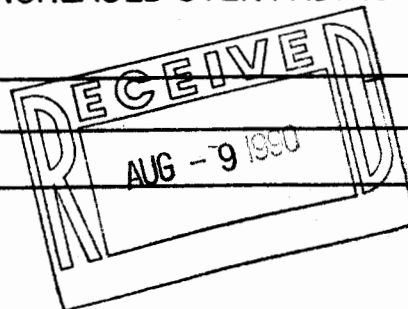
MAR 07 1991

By \_\_\_\_\_

NAME OF PREPARER <u>Phil Colbert</u>	PHONE # <u>(406) 444-6122</u>
DATE PREPARED <u>Jun. 1990</u>	

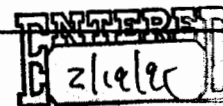
<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID <u>[8907]</u> *STATE CODE <u>[30]</u> *SHRP SECTION ID <u>[7066]</u>
---	---

STATE OR PROVINCE MONTANA COUNTY Sweet Grass  
 HIGHWAY ROUTE NO. I 90 MILEPOST# 364  
 NEAREST CITY/TOWN 2 mi. W. of Big Timber NEAREST INTERSECTION 2 mi. W. of US 191  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE W DATE OPENED TO TRAF.         
 FIPS COUNTY CODE 097 FHWA STATION IDENTIFICATION NO.         
 HPMS SAMPLE NO. 100090353103 HPMS SUBDIVISION NO.         
 TYPE OF PAVEMENT: AC X PCC        OTHER         
 CONTROL OF ACCESS: YES X NO        MEDIAN: YES X NO         
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN        SUBURBAN        RURAL X  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES        NO X  
 IF YES, DESCRIBE CHANGES       



**NOTE:** ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE  
 SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF  
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT  
 STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER <u>Phil Colbert</u> DATE PREPARED <u>Jun. 1990</u>	PHONE # <u>(406) 444-6122</u>
--	-------------------------------



<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [8907] *STATE CODE [30] *SHRP SECTION ID [7066]
---	--

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	5960	1480	2480	590	221
1988	5560	1510	2310	600	250
1987	5380	1480	2240	550	225
1986	4910	1320	2050	530	223
1985	4770	1250	2030	520	213
1984	4760	1250	2060	500	224
1983	4620	1100	1980	480	206
1982	4440	1150	1920	500	227
1981					
1980					
1979					
1978					
1977					
1976					
1975			ENTERED		
1974			DEC 12 1991		
1973			By <u>WV</u>		
1972					
1971					
1970					
1969					
1968					
1967			ENTERED		
1966			MAR 07 1991		
1965			By <u>WV</u>		

NAME OF PREPARER <u>Phil Colbert</u>	PHONE # <u>(406) 444-6122</u>
DATE PREPARED <u>Jun 1990</u>	

<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>	<p>*STATE ASSIGNED ID <b>[8907]</b></p>
	<p>*STATE CODE <b>[30]</b></p>
	<p>*SHRP SECTION ID <b>[7066]</b></p>

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	5960	1480	2480	590	221
1988	5560	1510	2310	600	250
1987	5380	1480	2240	550	225
1986	4910	1320	2050	530	223
1985	4770	1250	2030	520	213
1984	4760	1250	2060	500	224
1983	4620	1100	1980	480	206
1982	4440	1150	1920	500	227
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>Phil Colbert</u>	PHONE # <u>(406) 444-6122</u>
DATE PREPARED <u>Jun 1990</u>	



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

\*STATE ASSIGNED ID [8207]

\*STATE CODE [30]

\*SHRP SECTION ID [7066]

1. Year Applicable 1982/89

## 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: ATR

## 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:

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

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other:

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.  
☒ ESAL/Vehicle class. (no. of classes) see ESAL computations  
☐ 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:

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other:

ENTERED

DEC 12 1991

By

WV

ENTERED

MAR 07 1991

By

NAME OF PREPARER Phil ColbertPHONE # (406) 444-6122DATE PREPARED Jan. 1990

## SHEET 3

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

\*STATE ASSIGNED ID [8207]

\*STATE CODE [30]

\*SHRP SECTION ID [7066]

1. Year Applicable 1982/89

## 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: ATR

## 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:

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

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other:

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.  
☒ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: See ESAL Computations

## 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:

NAME OF PREPARER Phil ColbertPHONE # (406) 444-6122DATE PREPARED Jun. 1990