

<p>SHEET <u>10</u></p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUMES AND LOAD ESTIMATES</p>	<p>*STATE ASSIGNED ID [_ _ _ _]</p> <p>*STATE CODE [<u>27</u>]</p> <p>*SHRP SECTION ID [<u>0701</u>]</p>
--	--

YEAR	1. EST ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. EST ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. EST ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. EST ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. EST ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989	8860	1630	3990	735	551 1198
1988	8170	1510	3675	680	550 1108
1987	7335	1365	3300	615	444 1002
1986	6500	1220	2925	550	444 897
1985	6725	1295	3025	580	444 945
1984	6950	1370	3125	615	1002
1983	6715	1315	3050	590	962
1982	6600	1260	2970	570	929
1981	6475	1245	2910	560	913
1980	6350	1230	2860	550	897
1979	6875	1365	3090	615	1002
1978	7400	1500	3330	675	1100
1977	6990	1380	3145	620	1011
1976	6575	1260	2960	570	929
1975	6070	1210	2730	545	888
1974	5560	1160	2500	520	848
1973	5430	1110	2440	500	815
1972	5300	1065	2385	480	782
1971	4900	815	2200	365	595
1970	4500	565	2025	255	416
1969 94	10,700	1950	4815	880	1434
1968 93	10,150	1870	4570	840	1369 645
1967 92	9600	1785	4320	800	1304 642
1966 91	9575	1770	4310	800	1304 642
1965 90	9530	1750	4300	790	1288
					634

NAME OF PREPARER Curtis Dahlin PHONE # (612) 296-6846

DATE PREPARED 12-22-95

See the Excel sheet for
DAOFR-05 AI Sen. 06/08

707
sheet
10

Location:

Forecast #:

Vehicle Type	I-94, WIM 0701			Flexible		Rigid		Average Statewide Rural TH ESAL Factors (10 Ton)	
	Base Year 1993	Design Year	Average	ESAL Factors	ADL	ESAL Factors	ADL	Flexible	Rigid
Cars & Pickups	3939	.0007	2.8					0.0007	0.0007
2 Axle 6 Tire	72	.22	15.8					0.23	0.22
3 Axle (or more) S.U.	28	.60	16.8					0.42	0.60
3 Axle Semi								0.39	0.37
4 Axle Semi	27	.53	14.3					0.51	0.53
5 Axle (or more) Semi	678	1.89	1281.4					1.13	1.89
Twin Trailers	47	1.67	78.5					1.65	1.67
Buses & Truck Trailers	23	.74	17.0					0.57	0.74
TOTALS									
TOTAL HCADT	875	1.63	1426.6						
ADL total x design-lane factor () =								Base Year ADL =	
X 7305 = 20 year ESAL in design lane								Design Year ADL =	
Future ESAL increase (1.12)								Growth Rate of ADL = (%/Year)	
15 yr. ESAL								Flexible ESAL factors for buses:	
10 yr. ESAL								Rural TH's = 0.40	
5 yr. ESAL								Twin City MTC = 1.25	
								Other	
								Twin City Buses = 0.40	

Source: Traffic & Commodity Studies Section, Mn/DOT

May, 1985