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| <b>ALBERTA HISTORICAL SUMMARY</b><br><b>SHEET 10</b><br><b>LTPP TRAFFIC DATA</b><br><br><b>TRAFFIC VOLUME AND LOAD</b><br><b>ESTIMATE UPDATE - NO SITE COUNT</b> | State Assigned ID | 1001 |
|  | State Code        | 81   |
|  | SHRP Section ID   | 8529 |

1. ANNUAL TRAFFIC ESTIMATES

| YEAR | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO WAY) | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>GPS LANE | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>GPS LANE | ESTIMATED<br>ESAL'S / YR<br>GPS LANE<br>(1000's) |
|------|--|---|---|--|--|
| 1970 | 4720   | 470   | 2360  | 235  | 92   |
| 1971 | 5830   | 426   | 2915  | 213  | 80   |
| 1972 | 5180   | 409   | 2590  | 205  | 77   |
| 1973 | 5310   | 573   | 2655  | 287  | 109  |
| 1974 |  |   |   |  |  |
| 1975 | 5845   | 190   | 2923  | 95   | 36   |
| 1976 |  |   |   |  |  |
| 1977 | 6810   | 984   | 3405  | 492  | 189  |
| 1978 | 8280   | 762   | 4140  | 381  | 148  |
| 1979 |  |   |   |  |  |
| 1980 |  |   |   |  |  |
| 1981 | 9640   | 1393  | 4820  | 696  | 267  |
| 1982 |  |   |   |  |  |
| 1983 |  |   |   |  |  |
| 1984 | 8980   | 790   | 4490  | 395  | 158  |
| 1985 |  |   |   |  |  |
| 1986 |  |   |   |  |  |
| 1987 | 10800  | 1107  | 5400  | 554  | 210  |
| 1988 |  |   |   |  |  |
| 1989 | 11260  | 856   | 5067  | 385  | 164 219  |
| 1990 | 11430  | 949   | 5144  | 427  | 177 230  |
| 1991 | 12080  | 1003  | 5436  | 451  | 187 243  |
| 1992 | 11628  | 965   | 5233  | 434  | 180 274  |
| 1993 | 12489  | 962   | 5620  | 433  | 184 350  |
| 1994 | 14200  | 2500  | 6800  | 1200   | 1400 364   |
| 1995 | 13950  | 2550  | 6410  | 1270   | 1043 389   |
| 1996 | 13390  | 2450  | 6150  | 1220   | 1000 374   |
| 1997 | 14000  | 2560  | 6430  | 1270   | 1060 391   |
| 1998 | 15390  | 2810  | 7070  | 1400   | 1460 353   |
| 1999 | 15660  | 1820  | 6580  | 860  | 760 481  |
| 2000 | 15310  | 2040  | 6430  | 960  | 620 516  |
| 2001 | 15840  | 2110  | 6650  | 1000   | 665 550  |
| 2002 | 16390  | 1410  | 3680 6966                                       | 670  | 439  |
| 2003 | 16450  | 1640  | 6990  | 700  | 447  |

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| SHEET 10<br>LTPP TRAFFIC DATA<br><br>TRAFFIC VOLUME AND LOAD<br>ESTIMATE UPDATE - NO SITE COUNT | State Assigned ID | 1001 |
|   | State Code        | 81   |
|   | SHRP Section ID   | 8529 |

1. ANNUAL TRAFFIC ESTIMATES

| YEAR | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO WAY) | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>GPS LANE | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>GPS LANE | ESTIMATED<br>ESAL'S / YR<br>GPS LANE<br>(1000's) |
|------|--|---|---|--|--|
| 1999 | 15660  | 1820  | 6580  | 860  | 750 481  |

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

- ☐ Growth factored last year's estimates  
☐ Estimated based on volume counts at nearby locations  
☒ Used computerized network analysis  
☐ Other  
Permanent Automated Traffic Counter on Site

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

- ☐ Used system average for counts taken this year  
☐ Used count data from nearby sites  
☐ Used count data from previous years at GPS site  
☐ Used system averages from previous years counts  
☐ Used computerized network analysis  
☒ Other  
Based on Two Vehicle Classification /  
Weight Studies

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

- ☐ System distribution factors  
☒ Other  
Based on Two Vehicle Classification /  
Weight Studies

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT

- ☐ System distribution factors  
☒ Other  
Based on Two Vehicle Classification /  
Weight Studies

6. METHOD FOR ESTIMATING ESAL / YEAR IN GPS LANE

- ☐ ESAL / Truck factor  
☐ ESAL / vehicle class factors -  
Number of classes  
☒ Other  
Based on Two Vehicle Classification /  
Weight Studies

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS site  
☐ Current year system average  
☐ Prior year system average  
☐ Historical W-4 tables  
☒ Other  
Based on Two Vehicle Classification /  
Weight Studies

8. WEIGHT SCALE TYPE

- ☐ WIM Scale  
☒ Static scale used for enforcement  
☐ Static scale not used for enforcement  
☐ Other

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|-------------------|---------------|----------|----------------|
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| Date Prepared     | 2000.02.14    |          |                |

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