

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>11</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6450</u>]
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STATE OR PROVINCE Manitoba COUNTY _____
 HIGHWAY ROUTE NO. Hwy 1 MILEPOST# N/A
 NEAREST CITY/TOWN 7 mi. east of Richer NEAREST INTERSECTION 15 mi east of Hwy. 12
 FUNCTIONAL CLASS _____ NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
 DIRECTION OF TRAVEL GPS LANE West DATE OPENED TO TRAF. - - 71
 FIPS COUNTY CODE N/A FHWA STATION IDENTIFICATION NO. _____
 HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____
 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
 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>DOUG HURL</u> DATE PREPARED <u>JANUARY 1991</u>	PHONE # <u>(204) 945-5660</u>
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<p align="center">SHEET 2</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUMES AND LOAD ESTIMATES</p>	<p>*STATE ASSIGNED ID [_ _ 1 1]</p> <p>*STATE CODE [0 3]</p> <p>*SHRP SECTION ID [6 4 5 0]</p>
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** See Attached Sheet*

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					
1988					
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	STATE ASSIGNED ID	11
	STATE CODE	83
	SHRP SECTION ID	6450

YEAR	1. ESTIMATED TOTAL VEH. AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEH. AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR. GPS LANE (1000's)
1989	3718	517	1487	207	160.2
1988	3530	491	1412	196	151.7
1987	3436	478	1374	191	147.8
1986	3312	460	1325	184	142.4
1985	3176	441	1270	177	137.0
1984	3162	440	1265	176	136.2
1983	3084	429	1234	171	118.7
1982	3146	437	1258	175	121.5
1981	3230	323	1292	129	89.6
1980	3168	317	1267	127	88.2
1979	3204	320	1282	128	97.1
1978	3236	324	1294	129	97.9
1977	3238	324	1295	130	98.6
1976	3246	325	1298	130	81.4
1975	3150	315	1260	126	78.9
1974	3100	310	1240	124	77.7
1973	3000	300	1200	120	75.1
1972	2550	255	1020	102	63.9
1971	2740	247	1096	99	62.0
1970					
1969					
1968					
1967					
1966					
1965					
1964					
1963					
1962					
1961					

NAME OF PREPARER	DOUG HURL	PHONE #	(204) 945-5660
DATE PREPARED	DECEMBER 1990		

SHEET 3

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

*STATE ASSIGNED ID [11]

*STATE CODE [83]

*SHRP SECTION ID [6450]

1. Year Applicable 1971-1989

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: _____

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) 44
- ☐ 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: WEIGHT DATA FROM NEAR GPS SITE

(B) Weight Scale Type

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

NAME OF PREPARER DOUG HURL

DATE PREPARED DEC 1990

PHONE # (204) 945-5832

SHEET 4
LTPP TRAFFIC DATA
TRAFFIC VOLUME COUNTS

*STATE ASSIGNED ID [_ 11]
*STATE CODE [83]
*SHRP SECTION ID [6450]

HIGHWAY ROUTE NO. (THIS COUNT) PTH #1
MILEPOST# OR LOCATION (THIS COUNT) WEST OF PTH #11
BEGINNING DATE 1971-1989 ENDING DATE 1971-1989
BEGINNING TIME _____ ENDING TIME _____
COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS
TYPE OF COUNTER STEPHENS NAME/MODEL # _____
TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

INFORMATION
NO LONGER
AVAILABLE

- | ITEM | ACTUAL COUNTS | UNITS |
|--|---------------|-------|
| 1. TOTAL NO. OF VEHICLES (RAW COUNT) | ----- | ----- |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE): | | |
| A. ADJUSTMENT TO 24-HOUR COUNT | ----- | ----- |
| B. AXLE CORRECTION FACTOR | ----- | ----- |
| C. DAY OF WEEK FACTOR | ----- | ----- |
| D. MONTH FACTOR | ----- | ----- |
| E. OTHER FACTOR (_____) | ----- | ----- |

INFORMATION
NO LONGER
AVAILABLE

- | | |
|---|------------|
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)
(TWO-WAY) | ----- |
| 4. DIRECTIONAL DISTRIBUTION FACTOR | <u>0.5</u> |
| 5. GPS LANE DISTRIBUTION FACTOR | <u>0.8</u> |
| 6. AADT GPS LANE | ----- |

SEE SHEET
2
1971-1989

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED JANUARY 1991

<p>SHEET 5</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>FHWA 13-CLASS SYSTEM</p>	<p>*STATE ASSIGNED ID [<u>11</u>]</p> <p>*STATE CODE [<u>83</u>]</p> <p>*SHRP SECTION ID [<u>6450</u>]</p>
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HIGHWAY RT. NO. (THIS COUNT) PTH #1 MILEPOST# (THIS COUNT) _____

LOCATION (THIS COUNT) AT PTH #11 FUNCTIONAL CLASS 02

BEGINNING DATE FEB 3, 1982 ENDING DATE FEB 7, 1982

BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) 70

TYPE OF COUNT: MANUAL ☒ AUTOMATED _____ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. _____ WIM PORT. _____

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 6795 # TRUCKS 1647 % TRUCKS 24.2%

NO. OF TRUCKS IN GPS LANE 659 % OF TRUCKS IN GPS LANE 26.9%

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER ☒ # BINS 44

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	_____	_____

NAME OF PREPARER <u>DOUG HURL</u>	PHONE # <u>(204) 945-5660</u>
DATE PREPARED <u>JANUARY 1991</u>	

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [11]

*STATE CODE [83]

*SHRP SECTION ID [6450]

HIGHWAY RT. NO. (THIS COUNT) PTH #1 MILEPOST# (THIS COUNT) _____LOCATION (THIS COUNT) AT PTH #11 FUNCTIONAL CLASS 02BEGINNING DATE MAY 5 1982 ENDING DATE MAY 9 1982BEGINNING TIME 9 A.M. ENDING TIME 9 P.M. DURATION (HRS) 70TYPE OF COUNT: MANUAL ☒ AUTOMATED _____ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. _____ WIM PORT. _____

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 13,423 # TRUCKS 1856 % TRUCKS 13.8%NO. OF TRUCKS IN GPS LANE 750 % OF TRUCKS IN GPS LANE 15.7%VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER ☒ # BINS 44

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES

TOTAL NUMBER
OF VEHICLES
TWO-WAYTOTAL NUMBER
OF VEHICLES
GPS DIRECTIONTOTAL NUMBER
OF VEHICLES
GPS LANE

1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____

GRAND TOTAL

NAME OF PREPARER DOUG HURLPHONE # (204) 945-5660DATE PREPARED JANUARY 1991

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [11]

*STATE CODE [83]

*SHRP SECTION ID [6450]

HIGHWAY RT. NO. (THIS COUNT) PTH #1 MILEPOST# (THIS COUNT) _____LOCATION (THIS COUNT) AT PTH #11 FUNCTIONAL CLASS 02BEGINNING DATE AUG. 4, 1982 ENDING DATE AUG. 8, 1982BEGINNING TIME 7 AM ENDING TIME 9 PM DURATION (HRS) 56TYPE OF COUNT: MANUAL ☒ AUTOMATED _____ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. _____ WIM PORT. _____

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 24,294 # TRUCKS 1293 % TRUCKS 5.3%NO. OF TRUCKS IN GPS LANE 481 % OF TRUCKS IN GPS LANE 5.5%VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER ☒ # BINS 44

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____

GRAND TOTAL _____

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED JANUARY 1991

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM*STATE ASSIGNED ID [11]*STATE CODE [03]*SHRP SECTION ID [6450]HIGHWAY RT. NO. (THIS COUNT) PTH #1 MILEPOST# (THIS COUNT) _____LOCATION (THIS COUNT) AT PTH #11 FUNCTIONAL CLASS 02BEGINNING DATE Nov. 3, 1982 ENDING DATE Nov. 7, 1982BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) 10TYPE OF COUNT: MANUAL ☒ AUTOMATED _____ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. _____ WIM PORT. _____

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 9264 # TRUCKS 1745 % TRUCKS 18.8%NO. OF TRUCKS IN GPS LANE 726 % OF TRUCKS IN GPS LANE 22.5%VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER ☒ # BINS 44

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	_____	_____

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED JANUARY 1991

* See Attached Sheets

SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

*STATE ASSIGNED ID [11]
*STATE CODE [83]
*SHRP SECTION ID [6450]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS
HIGHWAY ROUTE NO. (THIS COUNT) _____ MILEPOST # (THIS COUNT) _____

HIGHWAY ROUTE NO. _____

BEGINNING DATE _____ ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) _____

NUMBER _____ TOTAL NUMBER _____ TOTAL NUMBER _____

VEHICLE CLASSES
(DESCRIBE VEHICLE TYPES
IN EACH CLASS OR
AXLE SPACING CATEGORY)

TOTAL NUMBER
OF VEHICLES
TWO-WAY

TOTAL NUMBER
OF VEHICLES
GPS DIRECTION

TOTAL NUMBER
OF VEHICLES
GPS LANE

A. _____
B. _____
C. _____
D. _____
E. _____
F. _____
G. _____
H. _____
I. _____
J. _____
K. _____
L. _____
M. _____
N. _____
O. _____
P. _____
Q. _____
R. _____
S. _____
T. _____

[illegible][illegible][illegible]

GRAND TOTAL

NAME OF PREPARER.

PHONE #

DATE PREPARED.

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	11
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6450
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
 BEGINNING DATE 03-Feb-82 ENDING DATE 03-Feb-82
 BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	188	150.4	39.7%
2	2	1	0.8	0.2%
3	2	1	0.8	0.2%
4	3	3	2.4	0.6%
5	4	1	0.8	0.2%
6	4	9	7.2	1.9%
7	3	86	68.8	18.1%
8	5	18	14.4	3.8%
9	6	11	8.8	2.3%
10	8	1	0.8	0.2%
11	8	7	5.6	1.5%
12	9		0.0	0.0%
13	8		0.0	0.0%
14	9	115	92.0	24.3%
15	10		3.2	0.8%
16	8	2 - 190	0.8	0.2%
17	8	150.4	0.8	0.2%
18	8	3 - 89 > 279	0.0	0.0%
19	9	71.2 > 223	1.6	0.4%
20	9		0.0	0.0%
21	8	4 - 10	0.0	0.0%
22	9		0.0	0.0%
23	9	5 - 18	14	0.0%
24	10		0.0	0.0%
25	10	6 - 11	9	1.6
26	11		0.0	0.0%
27	12	7 - 0	0	0.0%
28	12		0.0	0.0%
29	13	8 - 10	8	0.0%
30	13		0.0	0.0%
31	13	9 - 117	94	0.0%
32	12	73.6	4.0	1.1%
33	13		7.2	1.9%
34	13	10 - 6	5	1.1%
35	13		3.2	0.8%
36	13	11 - 0	0	0.0%
37	13		0.0	0.0%
38	13	12 - 5	4	0.0%
39	13		0.0	0.0%
40	13	13 - 18	14	0.0%
41	13		0.0	0.0%
42	13		0.0	0.0%
43	13	174	0.0	0.0%
44	13	379	0.0	0.0%

GRAND TOTAL 474 379.2 100.0%
 TOTAL TRUCKS (CLASS 8-44) 185 148 39.0%

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
 DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6		STATE ASSIGNED ID	11
LTPP TRAFFIC DATA		STATE CODE	83
VEHICLE CLASSIFICATION DATA		SHRP SECTION ID	6450
AGENCY DEFINED CLASSES			

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
 BEGINNING DATE 04-Feb-82 ENDING DATE 04-Feb-82
 BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	299	239.2	47.2%
2	2	2	1.6	0.3%
3	2	0	0.0	0.0%
4	3	1	0.8	0.2%
5	4	2	1.6	0.3%
6	4	9	7.2	1.4%
7	3	122	97.6	19.2%
8	5	17	13.6	2.7%
9	6			1.7%
10	8	2-30	240.8	0.0%
11	8	4-24	33.4	0.9%
12	9	3-12	21.4	0.0%
13	8	4-11	8.8	0.0%
14	9			20.0%
15	10	5-17	14.6	1.3%
16	8			0.5%
17	8	6-11	8.8	0.2%
18	8			0.0%
19	9	3-11	8.8	0.2%
20	9			0.0%
21	8			0.2%
22	9	9-12	100.2	0.0%
23	9			0.0%
24	10	10-9	7.2	0.0%
25	10			0.2%
26	11			0.0%
27	12	11-0	0	0.0%
28	12			0.0%
29	13	12-8	16.4	0.0%
30	13			0.0%
31	13	13-15	12.0	0.0%
32	12			1.3%
33	13			1.3%
34	13			0.9%
35	13			0.2%
36	13			0.0%
37	13			0.0%
38	13			0.0%
39	13			0.0%
40	13		0.0	0.0%
41	13		0.0	0.0%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL	634	507.2	100.0%
TOTAL TRUCKS (CLASS 8-44)	199	159.2	31.4%
NAME OF PREPARER	DOUG HURL	PHONE #	(204) 945-5660
DATE PREPARED	DECEMBER 1990		

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
BEGINNING DATE 05-Feb-82 ENDING DATE 05-Feb-82
BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	351	280.8	53.0%
2	2	3	2.4	0.5%
3	2	1	0.8	0.2%
4	(3)	(2)	1.6	0.3%
5	4	2	1.6	0.3%
6	4	8	6.4	1.2%
7	(3)	(144)	115.2	21.8%
8	(5)	(14)	11.2	2.1%
9	6	10	8.0	1.5%
10	8		0.0	0.0%
11	8	2 - 355	284.0	0.6%
12	9	501	0.0	0.0%
13	8	3 - 146	16.8	0.3%
14	9		6.0	14.4%
15	(10)	4 - 10	8.0	0.8%
16	8		0.0	0.0%
17	8	5 - 14	14	0.8%
18	8		0.0	0.0%
19	9	6 - 10	8.0	0.0%
20	9		0.0	0.0%
21	8		0.0	0.0%
22	9	7 - 0	0	0.0%
23	9		0.0	0.0%
24	(10)	8 - 11	8.8	0.0%
25	(10)		0.0	0.0%
26	11		0.0	0.0%
27	(12)	9 - 95	76.0	0.0%
28	(12)		0.0	0.0%
29	13	10 - 5	4.0	0.0%
30	13		0.0	0.0%
31	13		0.0	0.0%
32	(12)	11 - 0	0	0.6%
33	13		3.2	0.6%
34	13		4.8	0.9%
35	13	12 - 4	32	0.3%
36	13		0.0	0.0%
37	13	13 - 12	12	0.0%
38	13		0.0	0.0%
39	13	062	528	0.0%
40	13		0.0	0.0%
41	13		0.0	0.0%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL 662 529.6 100.0%
TOTAL TRUCKS (CLASS 8-44) 151 120.8 22.8%
NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	11
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6450
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
 BEGINNING DATE 06-Feb-82 ENDING DATE 06-Feb-82
 BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	289	231.2	52.8%
2	2	12	9.6	2.2%
3	2	2	1.6	0.4%
4	3	3	2.4	0.5%
5	4	1	0.8	0.2%
6	4	6	4.8	1.1%
7	3	82		
8	5	16	2 - 308	
9	6	7	3 - 308	310
10	8	1	3 - 135	60.0
11	8	2	4 - 7	56
12	9		5 - 16	113
13	8	106	6 - 7	6
14	9	1	8 - 5	4.0
15	10	1	9 - 106	8.5
16	8	1	10 - 1	.1
17	8	1	11 - 0	0
18	8		12 - 9	72
19	9		13 - 8	66
20	9		- 517	438
21	8			
22	9			
23	9			
24	10			
25	10			
26	11			
27	12			
28	12			
29	13			
30	13			
31	13			
32	12	9		
33	13	3		
34	13	3		
35	13	2		
36	13			
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13		0.0	0.0%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL	547	437.6	100.0%
TOTAL TRUCKS (CLASS 8-44)	152	121.6	27.8%
NAME OF PREPARER	DOUG HURL	PHONE #	(204) 945-5660
DATE PREPARED	DECEMBER 1990		

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
BEGINNING DATE 07-Feb-82 ENDING DATE 07-Feb-82
BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	454	363.2	61.4%
2	2	30	24.0	4.1%
3	2	1	0.8	0.1%
4	3	2	1.6	0.3%
5	4	1	0.8	0.1%
6	4	5		
7	3	110	2 - 485	388.0
8	5	3	3 - 597	478
9	6	5		
10	8		4 - 6	45
11	8	4	5 - 3	22
12	9	1		
13	8	104	6 - 5	4.0
14	9	1	8 - 7	66
15	10		9 - 104	832
16	8		10 - 1	10
17	8		11 - 0	0
18	8		12 - 6	58
19	9		13 - 11	98
20	9			
21	8			
22	9			
23	9			
24	10	1		
25	10	0		
26	11			
27	12			
28	12			
29	13			
30	13			
31	13			
32	12	6		
33	13	5		
34	13	3		
35	13	3		
36	13			
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13		0.0	0.0%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL 740 592 100.0%
TOTAL TRUCKS (CLASS 8-44) 137 109.6 18.5%

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
BEGINNING DATE 05-May-82 ENDING DATE 05-May-82
BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	516	412.8	54.3%
2	2	25	20.0	2.6%
3	2	4	3.2	0.4%
4	(3)	(11)	(8.8)	1.2%
5	(4)	(5)		
6	(4)	(6)		
7	(3)	(161)		
8	(5)	(23)		
9	(6)	(15)		
10	8			
11	8	9		
12	9			
13	8			
14	9	138		
15	10	2		
16	8	4		
17	8	4		
18	8			
19	9			
20	9			
21	8			
22	9			
23	9			
24	10			
25	10	2		
26	11	1		
27	12			
28	12			
29	13			
30	13			
31	13			
32	12	3		
33	13	0		
34	13	8		
35	13	4	3.2	0.4%
36	13		0.0	0.0%
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13	9	7.2	0.9%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL 950 760 100.0%
TOTAL TRUCKS (CLASS 8-44) 222 177.6 23.4%

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	11
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6450
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
 BEGINNING DATE 06-May-82 ENDING DATE 06-May-82
 BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	555	444.0	56.8%
2	2	16	12.8	1.6%
3	2	2	1.6	0.2%
4	3	12	9.6	1.2%
5	4	1	0.8	0.1%
6	4	8		0.8%
7	3	180	2 - 573	
8	5	18	3 - 765	458.4
9	6	12	3 - 112	612
10	8		4 - 9	133.6
11	8	8	5 - 18	7
12	9		6 - 12	14
13	8	126	8 - 19	10
14	9	7	9 - 127	15
15	10	4	10 - 7	66
16	8	7	11 - 1	1
17	8		12 - 5	4.0
18	8		13 - 14	11
19	9			782
20	9			
21	8	1		
22	9			
23	9			
24	10			
25	10			
26	11	1		
27	12			
28	12			
29	13			
30	13			
31	13			
32	12	5		
33	13	0		
34	13	2		
35	13	4		
36	13			
37	13			
38	13			
39	13			
40	13			
41	13	8		
42	13			
43	13			
44	13			

GRAND TOTAL 977 781.6 100.0%
 TOTAL TRUCKS (CLASS 8-44) 203 162.4 20.8%

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
 DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT)

PTH 1

LOCATION (THIS COUNT)

PTH #11

BEGINNING DATE

07-May-82

ENDING DATE

07-May-82

BEGINNING TIME

7 A.M.

ENDING TIME

9 P.M.

DURATION (HRS)

14

VEHICLE CLASSES

MANITOBA	FHWA	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
1	2	688	550.4	58.7%
2	2	24	19.2	2.0%
3	2	8	6.4	0.7%
4	3	12	9.6	1.0%
5	4	4	3.2	0.3%
6	4	5	4.0	0.4%
7	3			
8	5	2-720	180.8	19.3%
9	6	958	22.4	2.4%
10	8	3-238	8.8	0.9%
11	8		0.8	0.1%
12	9	4-7	3.2	0.3%
13	8		0.0	0.0%
14	9	5-28	0.0	0.0%
15	10		106.4	11.3%
16	8	6-11	3.2	0.3%
17	8		2.4	0.3%
18	8	8-12	3.2	0.3%
19	9		0.0	0.0%
20	9	9-134	0.0	0.0%
21	8		0.0	0.0%
22	9		0.0	0.0%
23	9	10-5	0.0	0.0%
24	10		0.8	0.1%
25	10		0.0	0.0%
26	11	11-0	0.8	0.1%
27	12		0.0	0.0%
28	12	12-5	0.0	0.0%
29	13		0.0	0.0%
30	13	13-11	0.0	0.0%
31	13		0.0	0.0%
32	12		0.0	0.0%
33	13	173	4.0	0.4%
34	13		0.8	0.1%
35	13		1.6	0.2%
36	13		1.6	0.2%
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13		0.0	0.0%
42	13	6	4.8	0.5%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL

TOTAL TRUCKS (CLASS 8-44)

1173
206

938.4

164.8

100.0%

17.6%

NAME OF PREPARER

DOUG HURL

DATE PREPARED

DECEMBER 1990

PHONE #

(204) 945-5660

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	11
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6450
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
 BEGINNING DATE 08-May-82 ENDING DATE 08-May-82
 BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	651	520.8	63.1%
2	2	62	49.6	6.0%
3	2	2	1.6	0.2%
4	3	17	13.6	1.7%
5	4	1	2 - 715	520
6	4	7	870	696
7	3	138	3 - 133	124
8	5	7	4 - 8	6
9	6	6	5 - 7	6
10	8	9	6 - 6	5
11	8	1	8 - 16	13
12	9	102	9 - 104	93
13	8	2	10 - 2	2
14	9	4	11 - 0	0
15	8	3	12 - 5	4
16	8	1	13 - 14	11
17	9			
18	9			
19	8			
20	9			
21	8			
22	9			
23	9			
24	10			
25	10	0		
26	11			
27	12			
28	12			
29	13			
30	13			
31	13			
32	12	5		
33	13			
34	13	4		
35	13	1	0.8	0.1%
36	13		0.0	0.0%
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13	9	7.2	0.9%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%
GRAND TOTAL		1032	825.6	100.0%
TOTAL TRUCKS (CLASS 8-44)		154	123.2	14.9%
NAME OF PREPARER	DOUG HURL	PHONE #	(204) 945-5660	
DATE PREPARED	DECEMBER 1990			

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
BEGINNING DATE 09-May-82 ENDING DATE 09-May-82
BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	1255	1004.0	68.2%
2	2	148	118.4	8.0%
3	2	9	7.2	0.5%
4	3	23	18.4	1.3%
5	4	1		
6	4	6		
7	3	244		
8	5	3		
9	6	2		
10	8			
11	8	4		
12	9			
13	8	1		
14	9	118		
15	10	1		
16	8	1		
17	8	4		
18	8			
19	9	1		
20	9			
21	8			
22	9			
23	9	0		
24	10			
25	10	1		
26	11	0		
27	12			
28	12			
29	13			
30	13			
31	13			
32	12	6		
33	13			
34	13	3		
35	13	4		
36	13		3.2	0.2%
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13	4	0.0	0.0%
42	13		3.2	0.2%
43	13		0.0	0.0%
44	13		0.0	0.0%

Handwritten notes and calculations:

- 2 - 1412
- 3 - 1679
- 4 - 7
- 5 - 3
- 6 - 2
- 8 - 10
- 9 - 119
- 10 - 2
- 11 - 0
- 12 - 6
- 13 - 11
- 339
- 1472
- 1343
- 6.0
- 2.0
- 2.0
- 8.0
- 95.2
- 2.6
- 0
- 5.4
- 9.0

GRAND TOTAL 1839 1471.2 100.0%
TOTAL TRUCKS (CLASS 8-44) 153 122.4 8.3%
NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	11
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6450
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
 BEGINNING DATE 05-Aug-82 ENDING DATE 05-Aug-82
 BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	1453	1162.4	76.1%
2	2	138	110.4	7.2%
3	2	26	20.8	1.4%
4	3	86	2 — 1617	1293.6
5	4	3	3 — 1703	1362.8
6	4	9	4 — 12 10	107.4
7	3	0	5 — 42 4	34.4
8	5	42	6 — 12 10	107.4
9	6	12	8 — 5 5	4.8
10	8	5	9 — 113 90	90.4
11	8	112	10 — 3 2	2.4
12	9	3	11 — 1 1	.8
13	8	0	12 — 3 2	2.4
14	9	0	13 — 15	12.9
15	10	3	1910	1513
16	8	0		
17	8	1		
18	9	0		
19	8	0		
20	9	0		
21	8	0		
22	9	0		
23	9	0		
24	10	0		
25	10	0		
26	11	1		
27	12	1		
28	12	1		
29	13	1		
30	13	1		
31	13	1		
32	12	3		
33	13	2		
34	13	6	4.8	0.3%
35	13	4	3.2	0.2%
36	13		0.0	0.0%
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13	3	2.4	0.2%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%
GRAND TOTAL		1910	1528	100.0%
TOTAL TRUCKS (CLASS 8-44)		195	156	10.2%
NAME OF PREPARER	DOUG HURL	PHONE #	(204) 945-5660	
DATE PREPARED	DECEMBER 1990			

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1

LOCATION (THIS COUNT) PTH #11

BEGINNING DATE 06-Aug-82

ENDING DATE 06-Aug-82

BEGINNING TIME 7 A.M.

ENDING TIME 9 P.M.

DURATION (HRS)

14

VEHICLE CLASSES

MANITOBA	FHWA	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
1	2	1661	1328.8	77.1%
2	2	186	148.8	8.6%
3	2	32	25.6	1.5%
4	3	77	61.6	2.6%
5	4	2		1%
6	4	7		3%
7	3			0%
8	5	54		5%
9	6	12		6%
10	8	0		0%
11	8	3		1%
12	9			0%
13	8			0%
14	9	102		7%
15	10	1		0%
16	8	0		0%
17	8	0		0%
18	8			0%
19	9			0%
20	9			0%
21	8			0%
22	9	0		1%
23	9			1%
24	10			1%
25	10			1%
26	11	1		1%
27	12			1%
28	12			1%
29	13			1%
30	13			1%
31	13			1%
32	12	2		1%
33	13			1%
34	13	4		0.2%
35	13	4		0.0%
36	13		3.2	0.0%
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13	6	4.8	0.3%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

Handwritten notes and calculations:

- 2 - 1956
- 3 - 1565
- 4 - 7
- 5 - 54
- 6 - 12
- 7 - 10
- 8 - 3
- 9 - 102
- 10 - 1
- 11 - 1
- 12 - 2
- 13 - 14
- 1503.2
- 61.6
- 7.2
- 43.2
- 9.6
- 2.4
- 81.6
- .8
- .8
- 1.6
- 11.2
- 2154
- 1724

GRAND TOTAL

2154

1723.2

100.0%

TOTAL TRUCKS (CLASS 8-44)

189

151.2

8.8%

NAME OF PREPARER

DOUG HURL

PHONE #

(204) 945-5660

DATE PREPARED

DECEMBER 1990

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
BEGINNING DATE 07-Aug-82 ENDING DATE 07-Aug-82
BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	1510	1208.0	79.0%
2	2	182	145.6	9.5%
3	2	31	24.8	1.6%
4	3	65	52.0	3.4%
5	4	5		%
6	4	7		%
7	3		2 - 1733	1378.4
8	5	16	1788	1430
9	6	4	3 - 63	52.0
10	8	0	4 - 12	10
11	8	2	5 - 16	13
12	9		6 - 4	3
13	8	77		
14	9	0	8 - 4	3
15	10		9 - 77	62
16	8		10 - 0	0
17	8	1	11 - 0	0
18	8		12 - 2	2
19	9		13 - 1	7
20	9			
21	8	1		
22	9			
23	9			
24	10			
25	10			
26	11			
27	12			
28	12			
29	13			
30	13			
31	13			
32	12	2		
33	13	1		
34	13	3		
35	13	1		
36	13			
37	13			
38	13			
39	13			
40	13			
41	13	4		
42	13			
43	13			
44	13			

GRAND TOTAL 1912 1529.6 100.0%
TOTAL TRUCKS (CLASS 8-44) 112 89.6 5.9%

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6		STATE ASSIGNED ID	11
LTPP TRAFFIC DATA		STATE CODE	83
VEHICLE CLASSIFICATION DATA		SHRP SECTION ID	6450
AGENCY DEFINED CLASSES			

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
 BEGINNING DATE 08-Aug-82 ENDING DATE 08-Aug-82
 BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	4158	3326.4	84.5%
2	2	523	418.4	10.6%
3	2	36	28.8	0.7%
4	3	92	73.6	1.9%
5	4	1	0.8	0.0%
6	4	6		
7	3			
8	5	14	2-477	3773.6
9	6	0	4809	3847
10	8	0	3	73.6
11	8	4	4-7	6
12	9		5-14	12
13	8		6-0	0
14	9	76	8-4	3
15	10		9-76	61
16	8		10-0	0
17	8	0	11-0	0
18	8	0	12-4	3
19	9		13-7	6
20	9		4921	3938
21	8			
22	9			
23	9			
24	10			
25	10			
26	11	0		
27	12			
28	12			
29	13			
30	13			
31	13			
32	12	41		
33	13			
34	13	1		
35	13	4		
36	13			
37	13			0.0%
38	13			0.0%
39	13			0.0%
40	13			0.0%
41	13	2		0.0%
42	13			0.0%
43	13			0.0%
44	13			0.0%

GRAND TOTAL 4921 3936.8 100.0%
 TOTAL TRUCKS (CLASS 8-44) 105 84 2.1%

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
 DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	STATE ASSIGNED ID 11 STATE CODE 83 SHRP SECTION ID 6450
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FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT)	PTH 1	LOCATION (THIS COUNT)	PTH #11
BEGINNING DATE	03-Nov-82	ENDING DATE	03-Nov-82
BEGINNING TIME	7 A.M.	ENDING TIME	9 P.M.
			DURATION (HRS) 14

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA			
1	422	337.6	66.1%
2	14	11.2	2.2%
3	5	4.0	0.8%
4	4	3.2	
5	1		
6	5		
7	3		
8	26		
9	10		
10	1		
11	4		
12			
13			
14	106		
15	3		
16			
17			
18			
19	0		
20			
21			
22			
23	0		
24	1		
25	0		
26			
27			
28			
29			
30			
31			
32	1		
33	6		
34	12		
35	5		
36		4.0	0.8%
37		0.0	0.0%
38	2	1.6	0.3%
39		0.0	0.0%
40		0.0	0.0%
41		0.0	0.0%
42	6	4.8	0.9%
43	1	0.8	0.2%
44		0.0	0.0%

Handwritten notes and calculations:

- 2 - 448
- 3 - 358
- 4 - 6
- 5 - 26
- 6 - 10
- 8 - 5
- 9 - 106
- 10 - 4
- 11 - 0
- 12 - 1
- 13 - 32
- 639
- 511

GRAND TOTAL	638	510.4	100.0%
TOTAL TRUCKS (CLASS 8-44)	184	147.2	28.8%
NAME OF PREPARER DOUG HURL			
DATE PREPARED DECEMBER 1990			
		PHONE # (204) 945-5660	

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
BEGINNING DATE 04-Nov-82 ENDING DATE 04-Nov-82
BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES

MANITOBA	FHWA	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
1	2	517	413.6	67.9%
2	2	13	10.4	1.7%
3	2	4	3.2	0.5%
4	3	4	3.2	0.5%
5	4	2	1.6	0.3%
6	4	5	4.0	0.7%
7	3			
8	5	23	2-534	430.2
9	6	14	3-538	433
10	8			
11	8	4	4-7	6
12	9			
13	8			
14	9	131	5-23	18
15	10	3		18.4
16	8			
17	8	1	6-14	11
18	8			
19	9	0	8-5	4
20	9			
21	8			
22	9	1	9-132	106
23	9			
24	10	2	10-5	4
25	10	0		
26	11			
27	12		11-0	0
28	12			
29	13		12-6	5
30	13			
31	13			
32	12	6	13-31	25
33	13	2		
34	13	13	761	608
35	13	8		
36	13			
37	13			
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13		0.0	0.0%
42	13	8	6.4	1.1%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL 761 608.8 100.0%
TOTAL TRUCKS (CLASS 8-44) 216 172.8 28.4%

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED DECEMBER 1990

ATTACHMENT TO SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	STATE ASSIGNED ID 11 STATE CODE 83 SHRP SECTION ID 6450
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FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT)	PTH 1	LOCATION (THIS COUNT)	PTH #11
BEGINNING DATE	05-Nov-82	ENDING DATE	05-Nov-82
BEGINNING TIME	7 A.M.	ENDING TIME	9 P.M.
			DURATION (HRS) 14

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA		
1	2	747	597.6
2	2	10	8.0
3	2	3	2.4
4	3	4	3.2
5	4	0	0.0
6	4	6	4.8
7	3		0.0
8	5		0.0
9	6		1.6%
10	8	2-760	2.2%
11	8	764	0.1%
12	9	3-4	0.6%
13	8	611	0.0%
14	9	5	5.0
15	10		0.0%
16	8	5-16	13.0
17	8	13	0.7%
18	8	6-21	17.0
19	9	17	0.0%
20	9	8-7	6.0
21	8	6	0.1%
22	9	9-117	94.0
23	9	94	0.0%
24	10		0.2%
25	10	10-8	6.0
26	11	6	0.0%
27	12	11-6	0
28	12	0	0.0%
29	13	12-3	2.0
30	13	2	0.0%
31	13	13-27	23.0
32	12	23	0.0%
33	13		0.3%
34	13	971	0.1%
35	13	777	1.5%
36	13		0.5%
37	13		0.0%
38	13		0.0%
39	13		0.0%
40	13		0.0%
41	13	8	0.0%
42	13		0.8%
43	13	0	0.0%
44	13		0.0%

GRAND TOTAL	971	776.8	100.0%
TOTAL TRUCKS (CLASS 8-44)	201	160.8	20.7%

NAME OF PREPARER	DOUG HURL	PHONE #
DATE PREPARED	DECEMBER 1990	(204) 945-5660

ATTACHMENT TO SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

STATE ASSIGNED ID 11
STATE CODE 83
SHRP SECTION ID 6450

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 1 LOCATION (THIS COUNT) PTH #11
BEGINNING DATE 06-Nov-82 ENDING DATE 06-Nov-82
BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
MANITOBA	FHWA			
1	2	519	415.2	73.6%
2	2	12	9.6	1.7%
3	2	3	2.4	0.4%
4	3	3	2.4	0.4%
5	4		8	0.1%
6	4	2-534	2	1.3%
7	3	537 537	0	0.0%
8	5	3-3	4	1.1%
9	6		5	1.0%
10	8	4-10	8.0	0.1%
11	8			0.3%
12	9	5-8	6.0	0.0%
13	8		6.0	0.0%
14	9	6-7		16.7%
15	10			0.1%
16	8	8-3	2.0	0.0%
17	8		94.0	0.0%
18	8	9-118		0.0%
19	9		2.0	0.0%
20	9	10-2	0	0.0%
21	8			0.0%
22	9	11-0	8.0	0.0%
23	9	12-10	8.0	0.0%
24	10	13-10		0.0%
25	10		564	0.0%
26	11			0.0%
27	12			1.4%
28	12			0.0%
29	13			0.0%
30	13			0.0%
31	13			0.0%
32	12			0.0%
33	13			0.4%
34	13			0.1%
35	13		0.8	0.0%
36	13		0.0	0.0%
37	13		0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13	6	4.8	0.9%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL 705 564 100.0%
TOTAL TRUCKS (CLASS 8-44) 158 126.4 22.4%

NAME OF PREPARER DOUG HURL PHONE # (204) 945-5660
DATE PREPARED DECEMBER 1990

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT)	<u>PTH 1</u>	LOCATION (THIS COUNT)	<u>PTH #11</u>
BEGINNING DATE	<u>07-Nov-82</u>	ENDING DATE	<u>07-Nov-82</u>
BEGINNING TIME	<u>7 A.M.</u>	ENDING TIME	<u>9 P.M.</u>
		DURATION (HRS)	

PERCENT
OF
VEH.

15

785

PHONE # (204) 945-5660

83 6450

Permanent System	WIM
Installation Date	11/1/90
Manufacturer	Golden River
Model	M600
Type	Capacitive Strip

Agency ID:

Agency Name:

SHRP ID:

Historical Traffic Data

Year:	KESAL:
1971	62
1972	63.9
1973	75.1
1974	77.7
1975	78.9
1976	81.4
1977	98.6
1978	97.9
1979	97.1
1980	88.2
1981	89.6
1982	121.5
1983	118.7
1984	136.2
1985	137
1986	142.4
1987	147.8
1988	151.7
1989	160.2
1990	205
1991	193

Site Location	<input type="text" value="TC-1 WB"/>
MP or Station	<input type="text" value="STA 891+"/>
Design KESAL	<input type="text" value="113"/>
Level	<input type="text" value="D"/>
Number of Lanes	<input type="text" value="4"/>
Lanes Monitored	<input type="text" value="4"/>
Equipment Location	<input type="text" value=".5 MI.W"/>

Year:	KESAL:	SRO:
1990	205	
1991	193	

Construction Event:	<input type="text" value="1"/>
---------------------	--------------------------------

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	5.5	3
3	GB	4.5	4.5
4	AC	2.5	2
5	AC	2.2	1.9
6	AC	0.1	0.2

Construction Event:	<input type="text" value="2"/>
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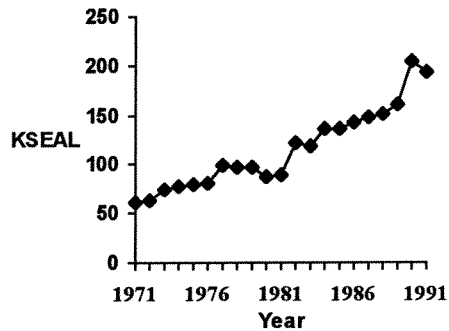
Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	5.5	3
3	GB	4.5	4.5
4	AC	2.5	2
5	AC	2.2	1.9
6	AC	0.1	0.2
7	AC	5.8	6

Agency ID:

Agency Name:

SHRP ID:

Historical Traffic Data



Year:	KESAL:	SRO:
1990	205	
1991	193	

Permanent System

Installation Date

Manufacturer

Model

Type

Site Location

MP or Station

Design KESAL

Level

Number of Lanes

Lanes Monitored

Equipment Location

Construction Event

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	5.5	
3	GB	4.5	4.5
4	AC	2.5	
5	AC	2.2	1.5
6	AC	0.1	0.1

Construction Event

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	5.5	
3	GB	4.5	4.5
4	AC	2.5	
5	AC	2.2	1.5
6	AC	0.1	0.1
7	AC	5.8	