

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>13</u>]
	*STATE CODE [<u>83</u>]
	*SHRP SECTION ID [<u>6452</u>]

STATE OR PROVINCE Manitoba COUNTY _____
 HIGHWAY ROUTE NO. Hwy 100 MILEPOST# _____
 NEAREST CITY/TOWN Winnipeg NEAREST INTERSECTION 0.33 mi. west of Symington Rd.
 FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
 DIRECTION OF TRAVEL GPS LANE West DATE OPENED TO TRAF. 09 - 61 **IDS 4**
 FIPS COUNTY CODE _____ 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>	PHONE # <u>(204) 945-5660</u>
DATE PREPARED <u>JANUARY 1991</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [_ _ 13] *STATE CODE [83] *SHRP SECTION ID [6452]
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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	STATE ASSIGNED ID	12
LTPP TRAFFIC DATA	STATE CODE	83
TRAFFIC VOLUMES AND LOAD ESTIMATES	SHRP SECTION ID	5452

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	4248	327	1699	131	80.7
1988	4252	327	1701	131	80.7
1987	3790	292	1516	117	72.1
1986	3206	247	1282	99	61.0
1985	2728	210	1091	84	51.8
1984	2668	205	1067	82	51.6
1983	2784	214	1114	86	54.2
1982	2810	216	1124	87	54.8
1981	2874	221	1150	89	56.0
1980	2896	223	1158	89	56.0
1979	3010	232	1204	93	61.4
1978	2910	224	1164	90	59.4
1977	2844	219	1138	88	58.1
1976	2640	203	1056	81	53.5
1975	2386	184	954	73	35.2
1974	2184	168	874	67	32.3
1973	1894	146	758	58	27.9
1972	1650	127	660	51	24.6
1971	1460	112	584	45	21.7
1970	1284	99	514	40	14.2
1969	1500	164	600	65	23.0
1968	1200	131	480	52	18.4
1967	1832	224	733	89	31.5
1966	1906	233	762	93	32.9
1965	1082	132	433	53	20.9
1964	963	124	385	50	19.7
1963	890	115	356	46	18.1
1962	667	86	267	34	13.4
1961	NO COUNT AVAILABLE - USED 1962 COUNT			34	13.4

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 [13]
 *STATE CODE [83]
 *SHRP SECTION ID [6452]

1. Year Applicable 1961-1989

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) _____
☐ 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 OBTAINED NEAR THE GPS SITE

(B) Weight Scale Type

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

NAME OF PREPARER

DOUG HURLPHONE # (204) 945-3179

DATE PREPARED

Nov. 1990

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>13</u>]
	*STATE CODE [<u>83</u>]
	*SHRP SECTION ID [<u>6452</u>]

HIGHWAY ROUTE NO. (THIS COUNT) PTH #100

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #59

BEGINNING DATE _____ ENDING DATE _____

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 (_____)	-----	-----
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	-----	-----

Information
no longer
available.

See Sheet #2
1961-1989

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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 [13]
 *STATE CODE [83]
 *SHRP SECTION ID [6452]

HIGHWAY RT. NO. (THIS COUNT) PTH #100 MILEPOST# (THIS COUNT) _____LOCATION (THIS COUNT) AT ST. ANNE'S RD. FUNCTIONAL CLASS 02BEGINNING DATE MARCH 26, 1986 ENDING DATE MARCH 30, 1986BEGINNING 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 27,851 # TRUCKS 2523 % TRUCKS 9.1%NO. OF TRUCKS IN GPS LANE 981 % OF TRUCKS IN GPS LANE 13.0%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 HURL PHONE # (204) 943-5660
 DATE PREPARED JANUARY 1991

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM*STATE ASSIGNED ID [13]*STATE CODE [83]*SHRP SECTION ID [6452]HIGHWAY RT. NO. (THIS COUNT) PTH #100 MILEPOST# (THIS COUNT) _____LOCATION (THIS COUNT) AT ST. ANNE'S RD. FUNCTIONAL CLASS 02BEGINNING DATE JUNE 18, 1986 ENDING DATE JUNE 22, 1986BEGINNING TIME 7 AM ENDING TIME 9 PM 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 45,914 * TRUCKS 4736 % TRUCKS 10.3%NO. OF TRUCKS IN GPS LANE 1790 % OF TRUCKS IN GPS LANE 13.6%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 [13]*STATE CODE [83]*SHRP SECTION ID [6452]HIGHWAY RT. NO. (THIS COUNT) PTH #100 MILEPOST# (THIS COUNT) _____LOCATION (THIS COUNT) AT ST. ANNE'S RD. FUNCTIONAL CLASS 02BEGINNING DATE SEPT. 17, 1986 ENDING DATE SEPT. 21, 1986BEGINNING TIME 7 AM ENDING TIME 9 PM DURATION (HRS) 20TYPE 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 43,569 # TRUCKS 5231 % TRUCKS 12.0%NO. OF TRUCKS IN GPS LANE 1895 % OF TRUCKS IN GPS LANE 15.5%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 HURLPHONE # (204) 945-5660DATE PREPARED JANUARY 1991

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM*STATE ASSIGNED ID [13]*STATE CODE [83]*SHRP SECTION ID [6452]HIGHWAY RT. NO. (THIS COUNT) PTH #100 MILEPOST# (THIS COUNT) _____LOCATION (THIS COUNT) AT ST. ANNE'S RD. FUNCTIONAL CLASS 02BEGINNING DATE DEC. 3, 1986 ENDING DATE DEC. 7, 1986BEGINNING TIME 7 AM ENDING TIME 9 PM DURATION (HRS) 69TYPE 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 32,255 * TRUCKS 3522 % TRUCKS 10.9%NO. OF TRUCKS IN GPS LANE 1219 % OF TRUCKS IN GPS LANE 13.9%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 DOUG HURLPHONE # (204) 945-5660DATE PREPARED JANUARY 1991

* See Attached Sheets

<p align="center">SHEET 6</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">VEHICLE CLASSIFICATION DATA</p> <p align="center">AGENCY DEFINED CLASSES</p>	*STATE ASSIGNED ID [<u>13</u>]
	*STATE CODE [<u>83</u>]
	*SHRP SECTION ID [<u>6452</u>]

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

BEGINNING DATE _____ ENDING DATE _____
 BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) _____

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. _____	_____	_____	_____

GRAND TOTAL _____

NAME OF PREPARER _____

DATE PREPARED _____

PHONE # _____

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

STATE ASSIGNED ID 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
BEGINNING DATE 26-Mar-86 ENDING DATE 26-Mar-86
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	2150	1720.0	80.0%
2	2	12	9.6	0.4%
3	2	9	7.2	0.3%
4	3	3	2.4	0.1%
5	4	6	4.8	0.2%
6	4	0	0.0	0.0%
7	3			0.0%
8	5			2.5%
9	6			2.5%
10	8			0.1%
11	8			0.0%
12	9			0.0%
13	8			0.1%
14	9			10.4%
15	10			0.2%
16	8			0.4%
17	8			0.2%
18	8			0.1%
19	9			0.1%
20	9			0.0%
21	8			0.0%
22	9			0.0%
23	9			0.2%
24	10			0.0%
25	10			0.0%
26	11			0.0%
27	12			0.0%
28	12			0.0%
29	13			0.0%
30	13			0.0%
31	13			0.0%
32	12			0.2%
33	13			0.0%
34	13			0.6%
35	13			0.4%
36	13			0.0%
37	13			0.0%
38	13			0.0%
39	13			0.0%
40	13			0.0%
41	13	15	12.0	0.6%
42	13	1	0.8	0.0%
43	13	1	0.8	0.0%
44	13			0.0%

GRAND TOTAL 2686 2148.8 100.0%

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 15 STATE CODE 83 SHRP SECTION ID 6452
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FOR 44 BIN MANITOBA SYSTEM
HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
BEGINNING DATE 27-Mar-86 ENDING DATE 27-Mar-86
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	2460	1968.0	84.2%
2	2	9	7.2	0.3%
3	2	8	6.4	0.3%
4	3			0.1%
5	4			0.2%
6	4			0.1%
7	3			0.0%
8	5			2.4%
9	6			2.7%
10	8			0.0%
11	8			0.0%
12	9			0.0%
13	8			0.0%
14	9			7.6%
15	10			0.0%
16	8			0.2%
17	8			0.2%
18	8			0.0%
19	9			0.0%
20	9			0.0%
21	8			0.0%
22	9			0.0%
23	9			0.0%
24	10			0.0%
25	10			0.0%
26	11			0.0%
27	12			0.0%
28	12			0.0%
29	13			0.0%
30	13			0.0%
31	13			0.0%
32	12			0.0%
33	13			0.0%
34	13			0.7%
35	13			0.2%
36	13			0.0%
37	13			0.0%
38	13			0.0%
39	13			0.0%
40	13			0.0%
41	13			0.8%
42	13			0.0%
43	13			0.0%
44	13			0.0%
GRAND TOTAL		2923 444	2338 355	100.0%

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

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	15
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6452
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
 BEGINNING DATE 29-Mar-86 ENDING DATE 29-Mar-86
 BEGINNING TIME 7 A.M. ENDING TIME 9 P.M. DURATION (HRS) 14

MANITOBA	FHWA	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
1	2	1568	1254.4	89.2%
2	2	11	8.8	0.6%
3	2	10	8.0	0.6%
4	3	7	5.6	0.4%
5	4	1	0.0	0.0%
6	4	1	0.8	0.1%
7	3		0.0	0.0%
8	5	17	13.6	1.0%
9	6	14	11.2	0.8%
10	8		0.0	0.0%
11	8		1.6	0.1%
12	9	2-1589	0.0	0.0%
13	8	1596	0.0	0.0%
14	9	3-716	76.8	5.5%
15	10	4-1	1.6	0.1%
16	8		0.8	0.1%
17	8		2.4	0.2%
18	8	5-17	0.8	0.1%
19	9		0.0	0.0%
20	9	6-14	0.0	0.0%
21	8		0.0	0.0%
22	9	8-7	0.0	0.0%
23	9		0.0	0.0%
24	10	9-96	0.0	0.0%
25	10		0.0	0.0%
26	11	10-2	0.0	0.0%
27	12		0.0	0.0%
28	12	11-0	0.0	0.0%
29	13		0.0	0.0%
30	13	12-5	0.0	0.0%
31	13		4.0	0.3%
32	12	13-19	2.4	0.2%
33	13		3.2	0.2%
34	13		1.6	0.1%
35	13		0.0	0.0%
36	13		0.0	0.0%
37	13		0.0	0.0%
38	13	1757	0.0	0.0%
39	13	1407	0.0	0.0%
40	13		0.0	0.0%
41	13		0.0	0.0%
42	13		8.0	0.6%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL 1757 1405.6 100.0%

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 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT)

PTH 100

LOCATION (THIS COUNT) ST. ANNE'S ROAD

BEGINNING DATE

18-Jun-86

ENDING DATE

18-Jun-86

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	2603	2082.4	74.8%
2	2	36	28.8	1.0%
3	2	34	27.2	1.0%
4	3	25	20.0	0.7%
5	4	21	16.8	0.6%
6	4	5	4.0	0.1%
7	3	0	0.0	0.0%
8	5	99	79.2	2.8%
9	6	147	117.6	4.2%
10	8	0	0.0	0.0%
11	8	3	2.4	0.1%
12	9		0.0	0.0%
13	8		0.8	0.0%
14	9		332.0	11.9%
15	10		2.4	0.1%
16	8		6.4	0.2%
17	8		4.8	0.2%
18	8		1.6	0.1%
19	9		0.8	0.0%
20	9		0.8	0.0%
21	8		0.0	0.0%
22	9		0.8	0.0%
23	9		0.0	0.0%
24	10		0.0	0.0%
25	10		0.0	0.0%
26	11		0.0	0.0%
27	12		0.0	0.0%
28	12		0.0	0.0%
29	13		0.0	0.0%
30	13		0.0	0.0%
31	13		0.0	0.0%
32	12		2.4	0.1%
33	13		0.0	0.0%
34	13		19.2	0.7%
35	13		4.0	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		28.0	1.0%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

2-2673 } 2158
3-2698 }
4-26 } 21
5-99 } 79
6-147 } 118
8-20 } 16
9-418 } 334
10-3 } 2
11-0 } 0
12-3 } 2
13-64 } 51
3478 } 2781

GRAND TOTAL

3478
780

2782.4
625

100.0%

NAME OF PREPARER
DATE PREPARED

DOUG HURL
DECEMBER 1990

PHONE # (204) 945-5660

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	15
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6452
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
 BEGINNING DATE 19-Jun-86 ENDING DATE 19-Jun-86
 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	2587	2069.6	76.6%
2	2	45	36.0	1.3%
3	2	30	24.0	0.9%
4	3	17	13.6	0.5%
5	4	18	14.4	0.5%
6	4	5	4.0	0.1%
7	3	1	0.8	0.0%
8	5	93	74.4	2.8%
9	6	105	84.0	3.1%
10	8	0	0.0	0.0%
11	8	4	3.2	0.1%
12	9		0.0	0.0%
13	8		1.6	0.1%
14	9	2-2662	91.2	10.8%
15	10	3-2670	7.2	0.3%
16	8		8.8	0.3%
17	8		4.0	0.1%
18	8	4-23	0.0	0.0%
19	9		0.8	0.0%
20	9	5-93	0.0	0.0%
21	8		0.0	0.0%
22	9		2.4	0.1%
23	9	6-105	0.0	0.0%
24	10		1.6	0.1%
25	10	7-0	0.0	0.0%
26	11		0.0	0.0%
27	12	8-22	0.0	0.0%
28	12		0.8	0.0%
29	13	9-368	0.0	0.0%
30	13		0.0	0.0%
31	13		0.0	0.0%
32	12	10-11	2.4	0.1%
33	13		0.8	0.0%
34	13	11-0	16.0	0.6%
35	13		5.6	0.2%
36	13		0.0	0.0%
37	13	12-4	0.0	0.0%
38	13		0.0	0.0%
39	13	13-73	0.0	0.0%
40	13		0.0	0.0%
41	13	3367	36.0	1.3%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%
GRAND TOTAL		3379 709	2703.2 558	100.0%

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 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
BEGINNING DATE 20-Jun-86 ENDING DATE 20-Jun-86
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	2910	2328.0	81.7%
2	2	46	36.8	1.3%
3	2	37	29.6	1.0%
4	3	38	30.4	1.1%
5	4	13	10.4	0.4%
6	4	9	7.2	0.3%
7	3	2	1.6	0.1%
8	5	95	76.0	2.7%
9	6	66	52.8	1.9%
10	8	2	1.6	0.1%
11	8	2	1.6	0.1%
12	9		0.0	0.0%
13	8	1	0.8	0.0%
14	9		206.4	7.2%
15	10	2 - 2993	2.4	0.1%
16	8	3 3033	3.2	0.1%
17	8	3 - 40	1.6	0.1%
18	8		0.8	0.0%
19	9	4 - 22	3.2	0.1%
20	9		0.0	0.0%
21	8	5 - 95	0.0	0.0%
22	9		2.4	0.1%
23	9		1.6	0.1%
24	10	6 - 66	0.0	0.0%
25	10		0.0	0.0%
26	11	8 - 12	0.8	0.0%
27	12		0.0	0.0%
28	12	9 - 267	0.0	0.0%
29	13		0.0	0.0%
30	13	10 - 3	0.0	0.0%
31	13		0.0	0.0%
32	12		0.8	0.0%
33	13	11 - 1	0.0	0.0%
34	13		15.2	0.5%
35	13	12 - 1	6.4	0.2%
36	13		0.0	0.0%
37	13	13 - 61	0.0	0.0%
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13	3561	0.0	0.0%
41	13		27.2	1.0%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL

3561
528

2848.8
424

100.0%

NAME OF PREPARER
DATE PREPARED

DOUG HURL
DECEMBER 1990

PHONE # (204) 945-5660

ATTACHMENT TO SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	STATE ASSIGNED ID 15 STATE CODE 83 SHRP SECTION ID 6452
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FOR 44 BIN MANITOBA SYSTEM
 HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
 BEGINNING DATE 21-Jun-86 ENDING DATE 21-Jun-86
 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	2291	1832.8	89.1%
2	2	78	62.4	3.0%
3	2	21	16.8	0.8%
4	(3)	(36)	28.8	1.4%
5	4			0.1%
6	4			0.1%
7	(3)			0.0%
8	5			0.9%
9	6			0.2%
10	8			0.0%
11	8			0.0%
12	9			0.0%
13	8			0.0%
14	9			3.4%
15	10			0.0%
16	8			0.0%
17	8			0.0%
18	8			0.0%
19	9			0.0%
20	9			0.0%
21	8			0.0%
22	9			0.0%
23	9			0.0%
24	10			0.0%
25	10			0.0%
26	11			0.0%
27	12			0.0%
28	12			0.0%
29	13			0.0%
30	13			0.0%
31	13			0.0%
32	12			0.1%
33	13			0.0%
34	13			0.3%
35	13			0.1%
36	13			0.0%
37	13			0.0%
38	13			0.0%
39	13			0.0%
40	13			0.0%
41	13	7	5.6	0.3%
42	13			0.0%
43	13			0.0%
44	13			0.0%
GRAND TOTAL		2570 144	2056 114	100.0%

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 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
BEGINNING DATE 22-Jun-86 ENDING DATE 22-Jun-86
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	3032	2425.6	88.5%
2	2	151	120.8	4.4%
3	2	19	15.2	0.6%
4	3	53	42.4	1.5%
5	4	3	2.4	0.1%
6	4	7	5.6	0.2%
7	3		0.0	0.0%
8	5	23255 3255	2604 2604	0.5%
9	6	3255	4.8	0.2%
10	8	410 410	0.0	0.0%
11	8	8 8	0.8	0.0%
12	9		0.0	0.0%
13	8		0.0	0.0%
14	9		83.2	3.0%
15	10	5 18	0.8	0.0%
16	8		4.8	0.2%
17	8		1.6	0.1%
18	8	6 6	0.0	0.0%
19	9		0.0	0.0%
20	9	8 9	0.0	0.0%
21	8		0.0	0.0%
22	9	9 104	0.0	0.0%
23	9		0.0	0.0%
24	10		0.0	0.0%
25	10	10 1	0.0	0.0%
26	11		0.0	0.0%
27	12		0.0	0.0%
28	12	11 0	0.0	0.0%
29	13		0.0	0.0%
30	13	12 6	0.0	0.0%
31	13		0.0	0.0%
32	12	13 17	4.8	0.2%
33	13		0.0	0.0%
34	13		0.8	0.0%
35	13	3426	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	15	12.0	0.4%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%
GRAND TOTAL		3426 171	2740.8 137	100.0%

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

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	15
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6452
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD

BEGINNING DATE 17-Sep-86 ENDING DATE 17-Sep-86

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	2698	2158.4	80.1%
2	2	29	23.2	0.9%
3	2	15	12.0	0.4%
4	3	28	22.4	0.8%
5	4	7	5.6	0.2%
6	4	4	3.2	0.1%
7	3	0	0.0	0.0%
8	5	89	71.2	2.6%
9	6	100	80.0	3.0%
10	8		0.8	0.0%
11	8	2-2742	3.2	0.1%
12	9	2770	0.0	0.0%
13	8	3-228	0.8	0.0%
14	9		218.4	8.1%
15	10		5.6	0.2%
16	8	4-11	6.4	0.2%
17	8		8.0	0.3%
18	8	5-89	0.0	0.0%
19	9		1.6	0.1%
20	9	6-100	0.0	0.0%
21	8		0.0	0.0%
22	9	8-24	1.6	0.1%
23	9		0.0	0.0%
24	10		0.0	0.0%
25	10	9-277	0.0	0.0%
26	11		0.0	0.0%
27	12		0.0	0.0%
28	12	10-7	0.0	0.0%
29	13		0.0	0.0%
30	13	11-0	0.0	0.0%
31	13		0.0	0.0%
32	12	12-2	1.6	0.1%
33	13		3.2	0.1%
34	13	13-89	28.0	1.0%
35	13		8.0	0.3%
36	13		0.0	0.0%
37	13	3369	0.0	0.0%
38	13	2696	0.0	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13	40	32.0	1.2%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13	0	0.0	0.0%

GRAND TOTAL 3369 2695.2 100.0%

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 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100

LOCATION (THIS COUNT) ST. ANNE'S ROAD

BEGINNING DATE 18-Sep-86

ENDING DATE -86

BEGINNING TIME 7 A.M.

ENDING TIME 14

VEHICLE CLASSES

MANITOBA

FHWA

TOTAL
OF
GPS

PERCENT
OF
VEH.

1	2	5	72	58	76.6%
2	2	6	164	131	0.6%
3	2	7	0	0	0.4%
4	3	8	24	19	0.6%
5	4	9	350	280	0.2%
6	4	10	10	8	0.1%
7	3	11	0	0	0.2%
8	5	12	4	3.2	2.2%
9	6	13	84	67.8	4.9%
10	8				0.0%
11	8				0.0%
12	9				0.0%
13	8				0.0%
14	9				0.0%
15	10				0.0%
16	8				0.0%
17	8				0.0%
18	8				0.0%
19	9				0.0%
20	9				0.0%
21	8				0.0%
22	9				0.0%
23	9				0.0%
24	10				0.0%
25	10				0.0%
26	11				0.0%
27	12				0.0%
28	12				0.0%
29	13				0.0%
30	13				0.0%
31	13				0.0%
32	12	4		3.2	0.0%
33	13	0		0.0	0.1%
34	13	26		20.8	0.0%
35	13	8		6.4	0.8%
36	13			0.0	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	50		40.0	0.0%
42	13			0.0	1.5%
43	13			0.0	0.0%
44	13	0		0.0	0.0%

GRAND TOTAL

3319

2655.2

100.0%

717

573

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 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
BEGINNING DATE 19-Sep-86 ENDING DATE 19-Sep-86
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	2770	2216.0	78.7%
2	2	28	22.4	0.8%
3	2	22	17.6	0.6%
4	3	21	16.8	0.6%
5	4	4	3.2	0.1%
6	4	3	2.4	0.1%
7	3	2	1.6	0.1%
8	5	74	59.2	2.1%
9	6	107	85.6	3.0%
10	8	2	0.8	0.0%
11	8	2820	2274	0.1%
12	9		0.0	0.0%
13	8	4	0.8	0.0%
14	9	7	299.2	10.6%
15	10	5	7.2	0.3%
16	8	74	4.8	0.2%
17	8		10.4	0.4%
18	8	6	0.8	0.0%
19	9	107	7.2	0.3%
20	9		0.0	0.0%
21	8	7	0.0	0.0%
22	9		4.0	0.1%
23	9	8	0.8	0.0%
24	10	26	0.0	0.0%
25	10	9	0.0	0.0%
26	11	389	0.0	0.0%
27	12	10	0.0	0.0%
28	12	9	0.0	0.0%
29	13	11	0.0	0.0%
30	13	0	0.0	0.0%
31	13		0.0	0.0%
32	12	12	2.4	0.1%
33	13	3	0.8	0.0%
34	13	63	25.6	0.9%
35	13		5.6	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	21	16.8	0.6%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13	2	1.6	0.1%
GRAND TOTAL		3521 701	2816.8 542	100.0%

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

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	15
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6452
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM
HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
BEGINNING DATE 20-Sep-86 ENDING DATE 20-Sep-86
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	2162	1729.6	87.3%
2	2	42	33.6	1.7%
3	2	18	14.4	0.7%
4	3	24	19.2	1.0%
5	4	1	0.8	0.0%
6	4	1	0.8	0.0%
7	3	1	0.8	0.0%
8	5	28	22.4	1.1%
9	6	40	32.0	1.6%
10	8		0.0	0.0%
11	8	2 2247	1798	0.1%
12	9		0.0	0.0%
13	8	4 2	2	0.0%
14	9		91.2	4.6%
15	10	5 28	22	0.0%
16	8		0.0	0.0%
17	8	6 40	32	0.2%
18	8		0.8	0.0%
19	9	7 0	0	0.1%
20	9		0.0	0.0%
21	8	8 7	6	0.0%
22	9		0.8	0.0%
23	9	9 119	95	0.1%
24	10		0.0	0.0%
25	10	10 0	0	0.0%
26	11		0.0	0.0%
27	12	11 0	0	0.0%
28	12		0.0	0.0%
29	13	12 3	2	0.0%
30	13		0.0	0.0%
31	13	13 31	2537	0.0%
32	12		2.4	0.1%
33	13		3.2	0.2%
34	13	2477	1982	0.4%
35	13		7.2	0.2%
36	13		4.0	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	13	10.4	0.5%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13	0	0.0	0.0%
GRAND TOTAL		2477 230	1981.6 184	100.0%

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 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT)

PTH 100

LOCATION (THIS COUNT) ST. ANNE'S ROAD

BEGINNING DATE

21-Sep-86

ENDING DATE

21-Sep-86

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	2300	1840.0	88.6%
2	2	77	61.6	3.0%
3	2	21	16.8	0.8%
4	3	20	16.0	0.8%
5	4		0.0	0.0%
6	4	4	3.2	0.2%
7	3	1	0.8	0.0%
8	5	8	6.4	0.3%
9	6	7	5.6	0.3%
10	8		0.0	0.0%
11	8	1	0.8	0.0%
12	9		0.0	0.0%
13	8		0.0	0.0%
14	9	125	100.0	4.8%
15	10		0.8	0.0%
16	8	2 2419	1935	0.0%
17	8		3.2	0.2%
18	8	4 4	0.0	0.0%
19	9		0.8	0.0%
20	9	5 2	0.0	0.0%
21	8		0.0	0.0%
22	9		0.0	0.0%
23	9	6 7	6	2.4
24	10		0.0	0.0%
25	10	7 0	0	0.0
26	11		0.0	0.0%
27	12	8 5	4	0.0
28	12		0.0	0.0%
29	13	9 129	103	0.0
30	13		0.0	0.0%
31	13	10 1	1	0.0
32	12		4.8	0.2%
33	13	11 0	0	2.4
34	13		1.6	0.1%
35	13	12 6	5	3.2
36	13		0.0	0.0%
37	13	13 18	14	0.0
38	13		0.0	0.0%
39	13		0.0	0.0%
40	13	2597	2077	0.0
41	13		6.4	0.3%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.8	0.0%

GRAND TOTAL

2597
178

2077.6
142

100.0%

NAME OF PREPARER
DATE PREPARED

DOUG HURL
DECEMBER 1990

PHONE # (204) 945-5660

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

STATE ASSIGNED ID 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT)

PTH 100

LOCATION (THIS COUNT) ST. ANNE'S ROAD

BEGINNING DATE

03-Dec-86

ENDING DATE

03-Dec-86

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	1952	1561.6	82.5%
2	2	6	4.8	0.3%
3	2	2	1.6	0.1%
4	3	1	0.8	0.0%
5	4	8	6.4	0.3%
6	4	1	0.8	0.0%
7	3	1	0.0	0.0%
8	5	77	61.6	3.3%
9	6	47	37.6	2.0%
10	8	3	2.4	0.1%
11	8	2	1.6	0.1%
12	9		0.0	0.0%
13	8	1	0.8	0.0%
14	9		53.6	8.1%
15	10	2 1961	1569	0.0%
16	8	4 9	7	0.5%
17	8		11.2	0.6%
18	8		0.0	0.0%
19	9	5 97	62	0.0%
20	9		0.0	0.0%
21	8	6 47	38	0.0%
22	9	7 0	0	0.1%
23	9		1.6	0.0%
24	10	8 33	26	0.0%
25	10		0.8	0.0%
26	11	9 194	155	0.0%
27	12		0.0	0.0%
28	12	10 2	2	0.0%
29	13		0.0	0.0%
30	13	11 0	0	0.0%
31	13		0.0	0.0%
32	12	12 1	1	0.0%
33	13		0.8	0.0%
34	13	13 41	34	0.0%
35	13		16.8	0.9%
36	13		3.2	0.2%
37	13		0.0	0.0%
38	13	2365	1894	0.0%
39	13		0.0	0.0%
40	13		0.0	0.0%
41	13		0.0	0.0%
42	13		12.8	0.7%
43	13		0.0	0.0%
44	13		0.0	0.0%

GRAND TOTAL

2365

1892

100.0%

404

298

NAME OF PREPARER

DOUG HURL

PHONE #

(204) 945-5660

DATE PREPARED

DECEMBER 1990

STATE ASSIGNED ID	<u>15</u>
STATE CODE	<u>83</u>
SHRP SECTION ID	6452

BEGINNING TIME	7 A.M.	ENDING TIME	9 P.M.	DURATION (HRS)	14
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VEHICLE CLASSES		TOTAL NUMBER OF VEHICLES GPS DIRECTION		TOTAL NUMBER OF VEHICLES GPS LANE		PERCENT OF VEH.
MANITOBA	FHWA					
1	2	2051		1640.8		81.1%
2	2	6		4.8		0.2%
3	2	4		3.2		0.2%
4	3	2		1.6		0.1%
5	4	12		9.6		0.5%
6	4	1		0.8		0.0%
7	3			0.0		0.0%
8	5	72		57.6		2.8%
9	6			52.8		2.6%
10	8	2	2063	1650	2.4	0.1%
11	8				1.6	0.1%
12	9	4	13	10	0.0	0.0%
13	8				0.8	0.0%
14	9	5	72	53	79.2	8.9%
15	10				5.6	0.3%
16	8	6	66	53	1.6	0.1%
17	8				9.6	0.5%
18	8				0.0	0.0%
19	9	7	0	0	1.6	0.1%
20	9				0.0	0.0%
21	8	8	20	16	0.0	0.0%
22	9				2.4	0.1%
23	9				1.6	0.1%
24	10	9	231	185	0.0	0.0%
25	10				0.8	0.0%
26	11	10	8	6	0.0	0.0%
27	12				0.0	0.0%
28	12	11	0	0	0.0	0.0%
29	13				0.0	0.0%
30	13	12	4	3	0.0	0.0%
31	13				0.0	0.0%
32	12	13	53	42	3.2	0.2%
33	13				0.8	0.0%
34	13				22.4	1.1%
35	13				4.8	0.2%
36	13	2530		2023	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				14.4	0.7%
42	13				0.0	0.0%
43	13				0.0	0.0%
44	13				0.0	0.0%

GRAND TOTAL	2530	2024	100.0%
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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 15 STATE CODE 83 SHRP SECTION ID 6452
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FOR 44 BIN MANITOBA SYSTEM
HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
BEGINNING DATE 05-Dec-86 ENDING DATE 05-Dec-86
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	2162	1729.6	84.6%
2	2	9	7.2	0.4%
3	2	1	0.8	0.0%
4	3	2	1.6	0.1%
5	4		6.4	0.3%
6	4	2 2174	0.8	0.0%
7	3		0.0	0.0%
8	5	4 9	43.2	2.1%
9	6	5 54	48.8	2.4%
10	8		0.8	0.0%
11	8		1.6	0.1%
12	9	6 61	0.0	0.0%
13	8		0.8	0.0%
14	9	7 0	160.0	7.8%
15	10		0.8	0.0%
16	8	8 10	0.8	0.0%
17	8		4.0	0.2%
18	8	9 203	0.0	0.0%
19	9		0.0	0.0%
20	9	10 1	0.0	0.0%
21	8		0.0	0.0%
22	9	11 0	0.8	0.0%
23	9		1.6	0.1%
24	10	12 1	0.0	0.0%
25	10		0.0	0.0%
26	11	13 44	0.0	0.0%
27	12		0.0	0.0%
28	12	2557	0.0	0.0%
29	13		0.0	0.0%
30	13		0.0	0.0%
31	13		0.0	0.0%
32	12		0.8	0.0%
33	13		0.8	0.0%
34	13		6.8	0.8%
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	18	14.4	0.7%
42	13		0.0	0.0%
43	13		0.0	0.0%
44	13		0.0	0.0%
GRAND TOTAL		2557 383	2045.6 306	100.0%

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 15
STATE CODE 83
SHRP SECTION ID 6452

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
BEGINNING DATE 06-Dec-86 ENDING DATE 06-Dec-86
BEGINNING TIME 7 A.M. ENDING TIME 8 P.M. DURATION (HRS) 13 ~~14~~

VEHICLE CLASSES	MANITOBA	FHWA	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE	PERCENT OF VEH.
1	1	2	1609	1287.2	91.1%
2	2	2	8	6.4	0.5%
3	3	2	1	0.8	0.1%
4	4	3	2	1.6	0.1%
5	4	4	0	0.0	0.0%
6	4	4	1	0.8	0.1%
7	3	3	0	0.0	0.0%
8	5	5	11	8.8	0.6%
9	6	6	12	9.6	0.7%
10	8	8	0	0.0	0.0%
11	8	8	0	0.0	0.0%
12	9	9	0	0.0	0.0%
13	8	8	0	0.0	0.0%
14	9	2	1620	1296	0.1%
15	10	10	1	1.6	4.8%
16	8	4	1	2.4	0.1%
17	8	8	1	2.4	0.2%
18	8	5	11	9	0.2%
19	9	9	9	0.0	0.0%
20	9	6	12	10	0.0%
21	8	6	12	0.0	0.0%
22	9	7	0	0.8	0.1%
23	9	7	0	1.6	0.1%
24	10	8	7	6	0.0%
25	10	8	7	0.0	0.0%
26	11	9	87	70	0.0%
27	12	9	87	70	0.0%
28	12	10	2	2	0.0%
29	13	10	2	0.0	0.0%
30	13	11	0	0.0	0.0%
31	13	11	0	0.0	0.0%
32	12	12	3	2	0.0%
33	13	12	3	2.4	0.2%
34	13	13	23	18	0.1%
35	13	13	23	18	0.3%
36	13	13	23	18	0.1%
37	13	13	1766	1414	0.0%
38	13	13	146	118	0.0%
39	13	13	146	118	0.0%
40	13	13	146	118	0.0%
41	13	13	146	118	0.0%
42	13	13	146	118	0.0%
43	13	13	146	118	0.0%
44	13	13	146	118	0.0%

GRAND TOTAL

1766 146 1412.8 118 100.0%

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

ATTACHMENT TO SHEET 6	STATE ASSIGNED ID	15
LTPP TRAFFIC DATA	STATE CODE	83
VEHICLE CLASSIFICATION DATA	SHRP SECTION ID	6452
AGENCY DEFINED CLASSES		

FOR 44 BIN MANITOBA SYSTEM

HIGHWAY ROUTE NO. (THIS COUNT) PTH 100 LOCATION (THIS COUNT) ST. ANNE'S ROAD
 BEGINNING DATE 07-Dec-86 ENDING DATE 07-Dec-86
 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	1537		1229.6		89.8%
2	2	16		12.8		0.9%
3	2	2		1.6		0.1%
4	3	0		0.0		0.0%
5	4	0		0.0		0.0%
6	4	1		0.8		0.1%
7	3			0.0		0.0%
8	5	4		3.2		0.2%
9	6	5		4.0		0.3%
10	8	1		0.8		0.1%
11	8	4		3.2		0.2%
12	9	2 1555	1244	0.0		0.0%
13	8	4 1	1	0.0		0.0%
14	9			37.2		6.4%
15	10	5 4	3	0.0		0.0%
16	8			0.8		0.1%
17	8	6 5	4	6.4		0.5%
18	8			0.0		0.0%
19	9			0.8		0.1%
20	9	7 0	0	0.0		0.0%
21	8			0.0		0.0%
22	9	8 14	11	0.0		0.0%
23	9			1.6		0.1%
24	10	9 112	90	0.0		0.0%
25	10			0.8		0.1%
26	11	10 1	1	0.0		0.0%
27	12			0.0		0.0%
28	12	11 0	0	0.0		0.0%
29	13	12 7	6	0.0		0.0%
30	13			0.0		0.0%
31	13	13 13	10	0.0		0.0%
32	12			5.6		0.4%
33	13			0.0		0.0%
34	13			3.2		0.2%
35	13	1712	1370	2.4		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			4.8		0.4%
42	13			0.0		0.0%
43	13			0.0		0.0%
44	13			0.0		0.0%
GRAND TOTAL		1712 157		1369.6 126		100.0%

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

836452

Permanent System	AVC
Installation Date	5/1/90
Manufacturer	Golden River
Model	M600
Type	Capacitive Strip
Permanent System	AVC
Installation Date	5/1/90
Manufacturer	Golden River
Model	M600
Type	Capacitive Strip

Agency ID: 83

SHRP ID: 6452

Agency Name: **Manitoba**

Historical Traffic Data

Year:	KESAL:
1965	20.9
1966	32.9
1967	31.5
1968	18.4
1969	23
1970	14.2
1971	21.7
1972	24.6
1973	27.9
1974	32.3
1975	35.2
1976	53.5
1977	58.1
1978	59.4
1979	61.4
1980	56
1981	56
1982	54.8
1983	54.2
1984	51.6
1985	51.8
1986	61
1987	72.1
1988	80.7
1989	80.7
1990	81
1991	72

Year:	KESAL:	SRO:
1990	81	
1991	72	

Site Location	HW-100
MP or Station	
Design KESAL	56
Level	D
Number of Lanes	4
Lanes Monitored	4
Equipment Location	PORT

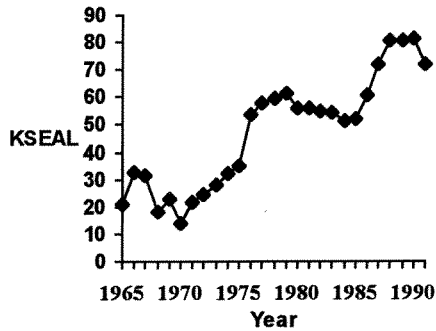
Construction Event: 1			
Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	4.5	4.5
3	GB	8	7.4
4	PC	5	5.6

Agency ID: 83

SHRP ID: 6452

Agency Name: Manitoba

Historical Traffic Data



Year:	KESAL:	SRO:
1990	81	
1991	72	

Permanent System AVC

Installation Date 5/1/90

Manufacturer Golden River

Model M600

Type Capacitive Strip

Permanent System AVC

Installation Date 5/1/90

Manufacturer Golden River

Model M600

Type Capacitive Strip

Site Location HW-100 WB

MP or Station

Design KESAL 56

Level D

Number of Lanes 4

Lanes Monitored 4

Equipment Location PORT

Construction Event 1

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	4.5	4.5
3	GB	8	7.4
4	PC	5	5.4

Construction Event 2

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	4.5	4.5
3	GB	8	7.4
4	PC	5	5.4
5	AC	4.2	4.2