

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>03</u>] *SHRP SECTION ID [<u>6454</u>]
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STATE OR PROVINCE Manitoba COUNTY _____
 HIGHWAY ROUTE NO. Hwy 1 MILEPOST# _____
 NEAREST CITY/TOWN 2.69 mi west of MacGregor NEAREST INTERSECTION 2.69 mi. west of Hwy 350
 FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
 DIRECTION OF TRAVEL GPS LANE West DATE OPENED TO TRAF. - - - 77
 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> DATE PREPARED <u>AUG. 1990</u>	PHONE # <u>(204)-945-3779</u>
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SHEET 2	STATE ASSIGNED ID	<u>15</u>
LTPP TRAFFIC DATA	STATE CODE	<u>03</u>
TRAFFIC VOLUMES AND LOAD ESTIMATES	SHRP SECTION ID	<u>5454</u>

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	4364	751	1746	300	205.6
1988	4294	739	1713	295	202.4
1987	4250	731	1700	292	200.3
1986	4186	720	1674	288	197.6
1985	4010	551	1604	225	154.4
1984	3938	551	1575	221	155.4
1983	3946	553	1579	221	155.4
1982	3902	546	1561	219	154.0
1981	4200	588	1680	235	155.3
1980	4113	577	1647	231	162.4
1979	4040	566	1616	226	165.7
1978	3948	553	1579	221	162.1
1977	3370	556	1588	222	162.8
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					
1964					
1963					
1962					
1961					

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

SHEET 3

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

*STATE ASSIGNED ID [15]
 *STATE CODE [83]
 *SHRP SECTION ID [6454]

1. Year Applicable 1977-1989

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. 1986
☐ 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 obtained near GPS site in 1986

(B) Weight Scale Type

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

NAME OF PREPARER DOUG HUAL

PHONE # (204) 945-3779

DATE PREPARED Nov. 1990

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1977 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

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)	<u>3970</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.5</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.8</u>	
6. AADT GPS LANE	<u>1588</u>	

INFORMATION
NO LONGER
AVAILABLE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1978 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEFFENS NAME/MODEL # N/A

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)		<u>3948</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.8</u>
6. AADT GPS LANE		<u>1579</u>

INFORMATION
NO LONGER
AVAILABLE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1979 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

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)		<u>4040</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.8</u>
6. AADT GPS LANE		<u>1616</u>

INFORMATION
NO LONGER
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NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
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 HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

 MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

 BEGINNING DATE 1980 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

 TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

 } INFORMATION
NO LONGER
AVAILABLE

ACTUAL COUNTS	
ITEM	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)	<u>4118</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR	<u>0.8</u>
6. AADT GPS LANE	<u>1647</u>

 } INFORMATION
NO LONGER
AVAILABLE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>DOUG HURL</u>	PHONE # <u>(204) 995-5660</u>
DATE PREPARED <u>DEC. 1990</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1981 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

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)		<u>4200</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.8</u>
6. AADT GPS LANE		<u>1680</u>

INFORMATION
NO LONGER
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DATE PREPARED <u>DEC. 1990</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1982 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

INFORMATION
NO LONGER
AVAILABLE

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
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)		<u>3902</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.8</u>
6. AADT GPS LANE		<u>1561</u>

INFORMATION
NO LONGER
AVAILABLE

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DATE PREPARED <u>DEC. 1990</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1983 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

INFORMAT.
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)		<u>3948</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.8</u>
6. AADT GPS LANE		<u>1575</u>

INFORMATION
NO LONGER
AVAILABLE

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DATE PREPARED <u>DEC. 1990</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1984 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

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)		<u>3938</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.8</u>
6. AADT GPS LANE		<u>1575</u>

INFORMATION
NO LONGER
AVAILABLE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1985 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

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)		<u>4010</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.8</u>
6. AADT GPS LANE		<u>1604</u>

INFORMATION
NO LONGER
AVAILABLE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1986 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

INFORMATION
NO LONGER
AVAILABLE

ACTUAL COUNTS	
ITEM	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)	<u>4186</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR	<u>0.8</u>
6. AADT GPS LANE	<u>1674</u>

INFORMATION
NO LONGER
AVAILABLE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>15</u>] *STATE CODE [<u>83</u>] *SHRP SECTION ID [<u>6454</u>]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1987 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

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)	<u>4250</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.5</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.8</u>	
6. AADT GPS LANE	<u>1700</u>	

INFORMATION
NO LONGER
AVAILABLE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [<u>15</u>]
	*STATE CODE [<u>83</u>]
	*SHRP SECTION ID [<u>6454</u>]

HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1988 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

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)	<u>4294</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.5</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.8</u>	
6. AADT GPS LANE	<u>1218</u>	

INFORMATION
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DATE PREPARED <u>DEC. 1990</u>	

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HIGHWAY ROUTE NO. (THIS COUNT) PTH #1

MILEPOST# OR LOCATION (THIS COUNT) EAST OF PTH #34

BEGINNING DATE 1989 ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STEPHENS NAME/MODEL # N/A

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

INFORMAT.
NO LONGER
AVAILABLE

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
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)		<u>4364</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.8</u>
6. AADT GPS LANE		<u>1746</u>

INFORMATION
NO LONGER
AVAILABLE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

<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>15</u>]</p> <p>*STATE CODE [<u>83</u>]</p> <p>*SHRP SECTION ID [<u>6454</u>]</p>
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HIGHWAY RT. NO. (THIS COUNT) PTH #1 MILEPOST# (THIS COUNT) _____

LOCATION (THIS COUNT) AT PTH #34 FUNCTIONAL CLASS 02
 BEGINNING DATE MARCH 19, 1986 ENDING DATE MARCH 23, 1986
 BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) 56

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 14699 # TRUCKS 2258 % TRUCKS 15.4

NO. OF TRUCKS IN GPS LANE 804 % OF TRUCKS IN GPS LANE 17.7

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-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>	

<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>15</u>]</p> <p>*STATE CODE [<u>83</u>]</p> <p>*SHRP SECTION ID [<u>6454</u>]</p>
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HIGHWAY RT. NO. (THIS COUNT) PTH #1 MILEPOST# (THIS COUNT) _____

LOCATION (THIS COUNT) AT PTH #34 FUNCTIONAL CLASS 02

BEGINNING DATE JUNE 25, 1986 ENDING DATE JUNE 29, 1986

BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) 63

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 25,450 * TRUCKS 3085 % TRUCKS 12.1

NO. OF TRUCKS IN GPS LANE 1117 % OF TRUCKS IN GPS LANE 12.3

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 [15]

*STATE CODE [83]

*SHRP SECTION ID [6454]

HIGHWAY RT. NO. (THIS COUNT) PTH #1 MILEPOST# (THIS COUNT) _____LOCATION (THIS COUNT) At PTH #34 FUNCTIONAL CLASS 02BEGINNING DATE SEPT. 24, 1986 ENDING DATE SEPT. 28, 1986BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) 42TYPE 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 14790 # TRUCKS 1610 % TRUCKS 10.9NO. OF TRUCKS IN GPS LANE 606 % OF TRUCKS IN GPS LANE 13.2VEHICLE 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) 945-5560
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>15</u>]</p> <p>*STATE CODE [<u>03</u>]</p> <p>*SHRP SECTION ID [<u>6454</u>]</p>
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HIGHWAY RT. NO. (THIS COUNT) PTH #1 MILEPOST# (THIS COUNT) _____

LOCATION (THIS COUNT) At PTH #34 FUNCTIONAL CLASS 02
 BEGINNING DATE Nov. 26, 1986 ENDING DATE Nov. 30, 1986
 BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) 56

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 14933 # TRUCKS 2384 % TRUCKS 16.0

NO. OF TRUCKS IN GPS LANE 889 % OF TRUCKS IN GPS LANE 20.1

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) 945-5560</u>
DATE PREPARED <u>JANUARY 1991</u>	

* 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>15</u>]
	*STATE CODE [<u>83</u>]
	*SHRP SECTION ID [<u>6454</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 _____	PHONE # _____
DATE PREPARED _____	

Agency ID: 83

Agency Name: Manitoba

SHRP ID: 6454

Historical Traffic Data

Year:	KESAL:
1977	162.8
1978	162.1
1979	165.7
1980	162.4
1981	165.3
1982	154
1983	155.4
1984	155.4
1985	154.4
1986	197.6
1987	200.3
1988	202.4
1989	205.8
1990	224
1991	222

Year:	KESAL:	SRO:
1990	224	
1991	222	

Site Location TC-1 WB

MP or Station

Design KESAL 150

Level D

Number of Lanes 4

Lanes Monitored 4

Equipment Location PORT

Construction Event: 1

Layer Number	Layer Type	Thickness0:	Thickness5:
1	SS		
2	TB	7.9	7.4
3	AC	3	3.2

Permanent System AVC

Installation Date 5/1/90

Manufacturer Golden River

Model M600

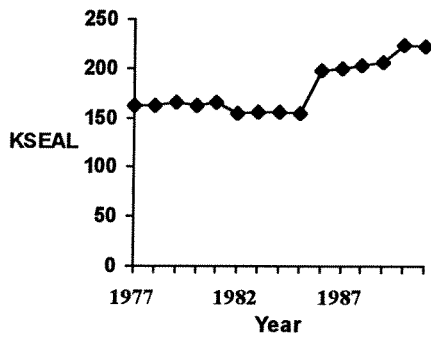
Type Capacitive Strip

Agency ID: 83

Agency Name: Manitoba

SHRP ID: 6454

Historical Traffic Data



Year:	KESAL:	SRO:
1990	224	
1991	222	

Permanent System AVC

Installation Date 5/1/90

Manufacturer Golden River

Model M600

Type Capacitive Strip

Site Location TC-1 WB

MP or Station

Design KESAL 150

Level D

Number of Lanes 4

Lanes Monitored 4

Equipment Location PORT

Construction Event 1

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	TB	7.9	7.4
3	AC	3	3.2