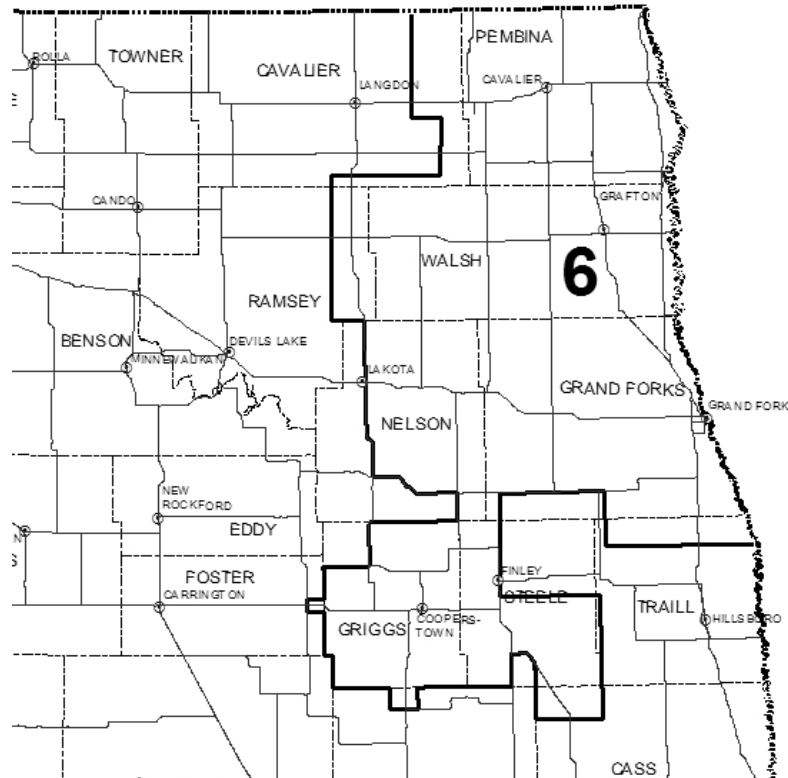


# NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

## GRAND FORKS DISTRICT HIGHWAY INFORMATION

2023 Data



PREPARED BY

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION**

**BISMARCK, NORTH DAKOTA**

Website: <http://www.dot.nd.gov/>

**DIRECTOR**

Ronald J. Henke, P.E.

**PLANNING/ASSET MANAGEMENT DIVISION**

SCOTT D. ZAINHOFSKY P.E.

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## INTRODUCTION

This report contains summary information of the pavement condition data collected in the fall of 2023. It is a compilation of information related to the pavement distress, IRI, traffic volumes, and construction history, of the North Dakota state highway system for the District referenced on the cover. Much of the data is presented in a more general form than its original source. While more detailed information can be obtained by going directly to individual files, this report provides an accurate overall picture of the state highway system for the referenced District. Similar books are available for the other 7 Districts.

### PAVEMENT MANAGEMENT CONDITION RATINGS

Category	Distress	IRI (in/mile)	Rut (in)
Excellent	>=97	0-60	<0.25
Good	91-96	61-99	0.25-0.37
Fair	84-90	100-145	0.38-0.50
Poor	<84	>145	>0.50

### DISTRESS SECTION RANKING

This section contains a ranking of all highway segments for the District sorted by distress score from worst to best. Automated "scoring" is done to arrive at a distress score. A distress score of 99 is the starting point and describes a pavement with no distresses. Deduct values are assigned to distresses and are subtracted from 99 to arrive at a distress score. The lower the distress score, the worse the pavement distress condition. Sections that were not scored will have a N/A in the distress score column.

### IRI SECTION RANKING

This section contains the ranking of all highway segments for the District sorted by the International Roughness Index (IRI) from worst to best. The IRI is a measure of pavement smoothness that is calculated from the longitudinal profile of the roadway surface. The higher the IRI, the worse the pavement surface smoothness. Sections that were not scored will have a N/A in the IRI column. The IRI category ranges were modified in fall 2008.

### MAINTENANCE SECTION RANKINGS

\*\*Due to software changes to the maintenance data system in 2004, we are not able to query this data at this time\*\*

### MISCELLANEOUS INFORMATION

Starting with data collected in 2018, the distress scores were calculated with a new method. The changes to distress scoring were:

- Microsurface and Thin Lift Overlay projects are reset to a distress score of 99 (if no cracking is visible) rather than the previous method of being assigned a 6 point patch score.
- Distresses are based on the percent severity of each type of distress within each mile rather than the worst severity of each distress for each mile.

Starting in 2018, the faulting was collected using the 3D system on the data collection vehicle.

Starting in 2013, pavement distress data was collected using Pathway Service's 3D automated crack detection and analysis system. The automated 3D system scores the entire mile rather than the first tenth of a mile as previously scored. NDDOT's existing distress deduct values were used with the 3D system.

As stated previously, the IRI ranges were modified in fall 2008. The following chart shows the history of the IRI ranges, since there was also a revision to the IRI ranges in 2004. This is provided for informational purposes only. Any past IRI value can be compared to the current ranges.

Category	2003 & earlier IRI Ranges	2004-2007 IRI Ranges	Current IRI Ranges (adopted 2008)
<b>Excellent</b>	0-60	0-80	0-60
<b>Good</b>	61-95	81-129	61-99
<b>Fair</b>	96-132	130-177	100-145
<b>Poor</b>	>=133	>177	>145

The following scale is used to categorize average rut.

Category	Rut (in)
<b>Excellent</b>	<0.25
<b>Good</b>	0.25-0.37
<b>Fair</b>	0.38-0.50
<b>Poor</b>	>0.50

Average rut (inches) is calculated as the average of the raw rut data collected for the mile. The rut deduct used in the distress score is arrived at by a severity analysis. The category, from the rut scale above, with the worst 20% of the values is used to assign the deduct.

PRPI and Ride scores are listed in this document; however, pavement management is no longer using these measures to describe ride quality. Refer to the IRI score and the IRI ranges to describe ride quality.

### On Line

All data found in this book is easily accessible and in more detail through the mainframe database. Contact the RIMS coordinator in your district or division or the Pavement Management Section of Planning/Asset Management Division if you need help in using the mainframe.

*This document was created by the Planning/Asset Management Division's Pavement Management Section. Please forward any comments on this document to Stephanie Weigel, PE, at 328-2528 or by email at [sjweigel@nd.gov](mailto:sjweigel@nd.gov). Further assistance pertaining to this document may also be obtained from Aaron Berger at 328-2411 or by email at [aberger@nd.gov](mailto:aberger@nd.gov).*

# LEGENDS

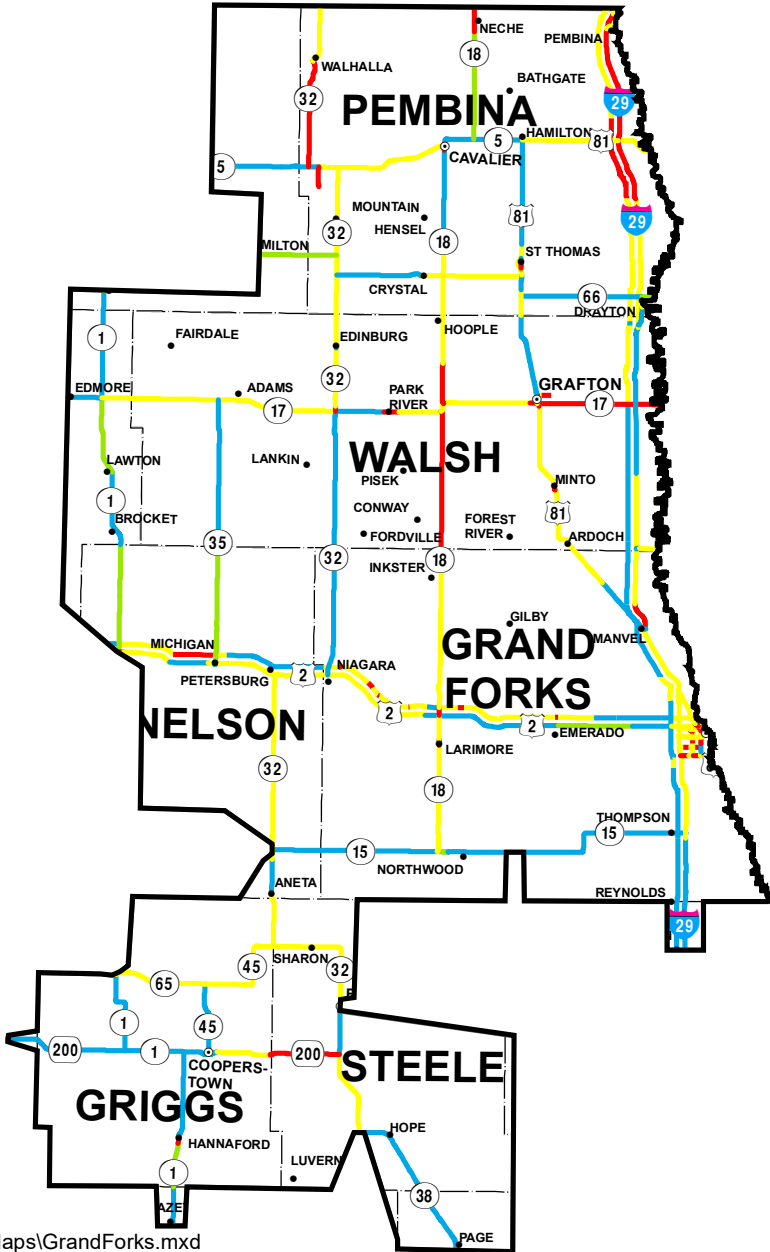
## DISTRESS

**DC**=•D• CRACKING, **LJS**=LONGITUDINAL JOINT SPALLING, **LC**=LONGITUDINAL CRACKING, **TC**=TRANSVERSE CRACKING, **TCS**=TRANSVERSE CRACK SPALLING, **BP**=BITUMINOUS PATCHING, **CP**=CONCRETE PATCH DETERIORATION, **BU**=BLOW-UP REPAIRS, **AC**=ALLIGATOR CRACKING, **BLD**=BLEEDING, **BC**=BLOCK CRACKING, **RW**=RAVELING AND/OR WEATHERING, **RT**=RUTTING, **CB**=CORNER BREAKS, **BS**=BROKEN SLABS, **CP**=CONCRETE PATCH DETERIORATION, **FLT**=FAULTING,

## MAINTENANCE

**BPC**=BLADE PATCHING COST, **HPC**=HAND PATCHING COST, **SPC**=SCOTCH PATCHING COST, **CPC**=CRACK POUR COST, **RFC**=RUBBER FILL COST, **SCC**=SEAL COAT COST, **SHC**=SHOULDER WORK COST, **CRC**=CONCRETE REPAIR COST, **RMC**=BITUMINOUS MILLING COST, **ROC**=ROUTINE ROADWAY OPERATIONS COST, **BOC**=CONTRACT BITUMINOUS OVERLAY COST.

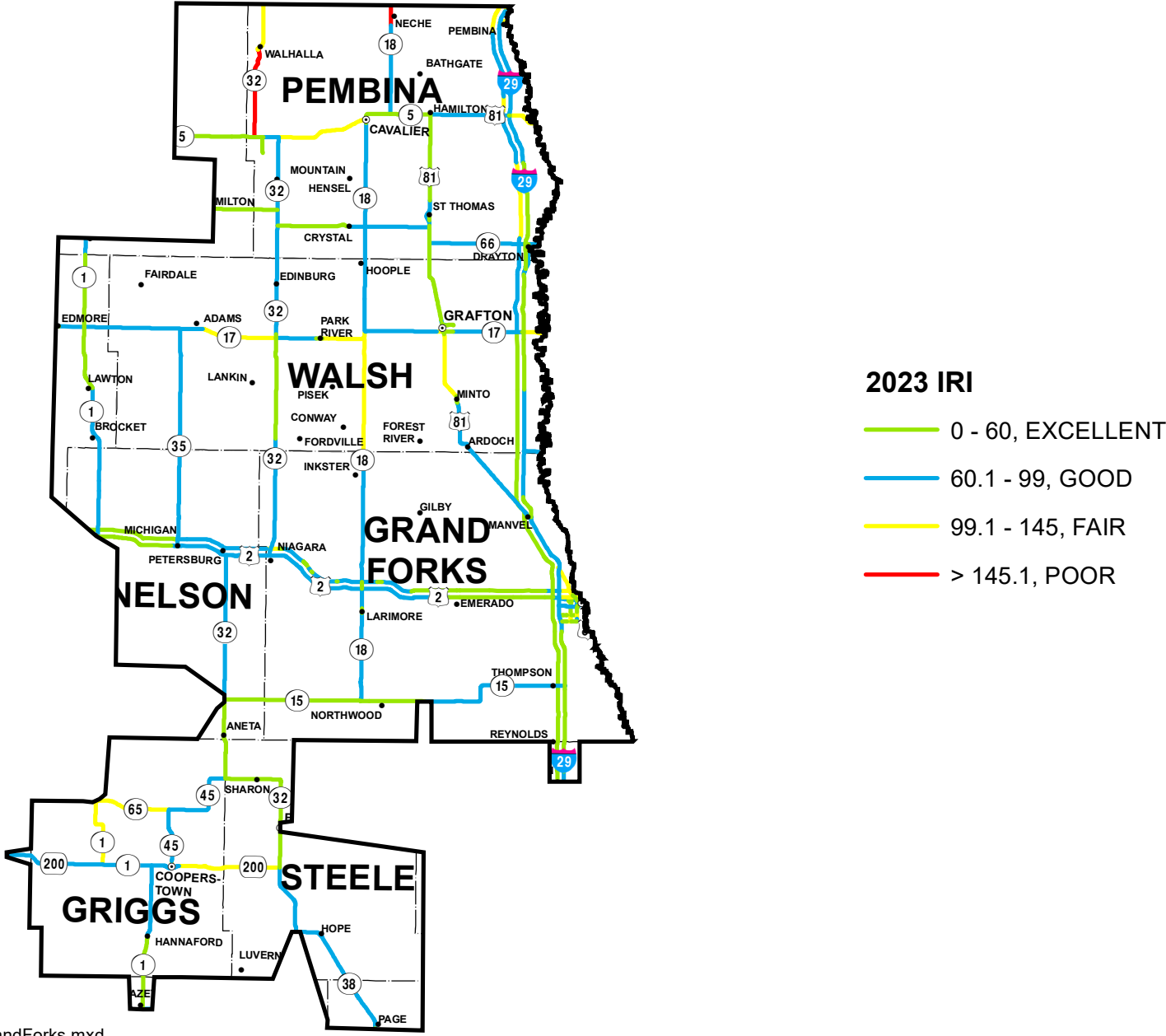
# GRAND FORKS DISTRICT



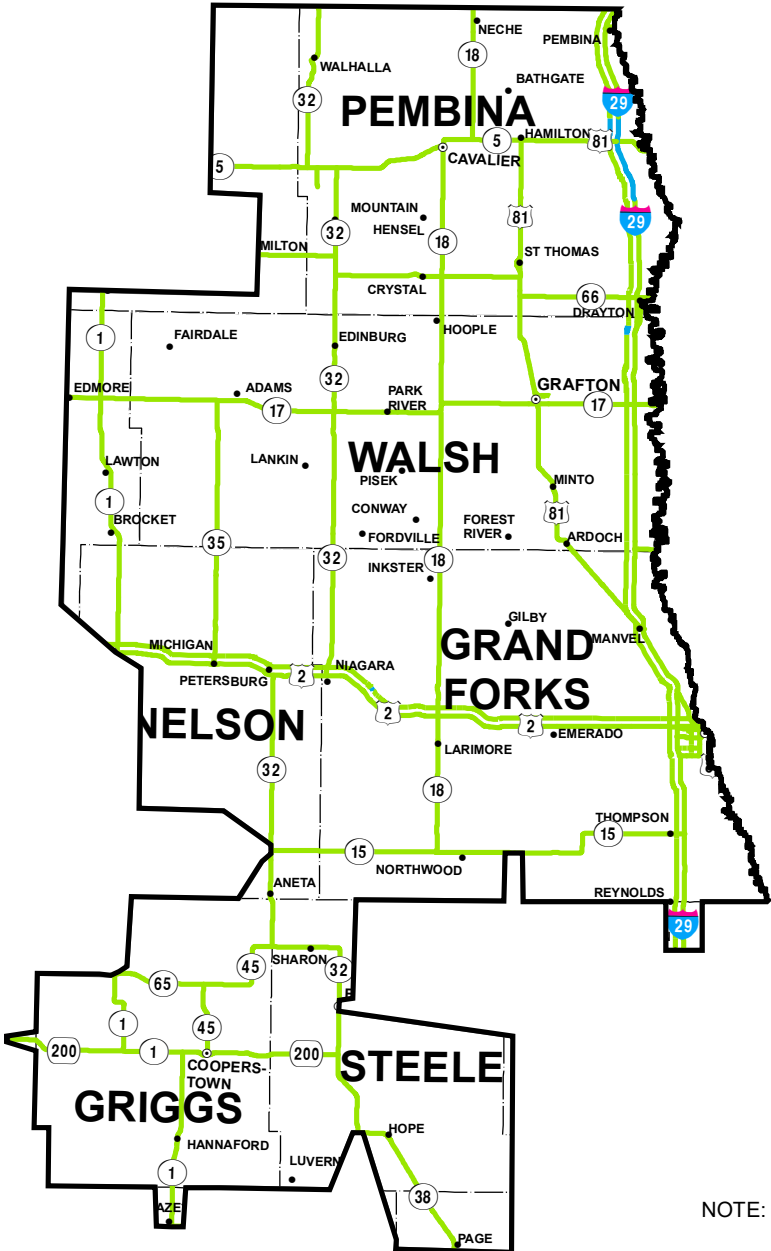
### 2023 DISTRESS

- => 97 EXCELLENT
- 91 - 96 GOOD
- 84 - 90 FAIR
- < 84 POOR

# GRAND FORKS DISTRICT



# GRAND FORKS DISTRICT



- 2023 RUT**
- .02 TO .249 EXCELLENT
  - .25 TO .379 GOOD
  - .38 TO .509 FAIR
  - > .51 POOR

NOTE: SEGMENTS SHOW ASPHALT-SURFACED ROADS ONLY.

PROJECT SPECIFIC CONSTRUCTION, TRAFFIC, PAVEMENT  
DATA, AND PAVEMENT CONDITION DATA

The various fields of information and their sources are as follows:

**D** – District

**HWY** – Highway

**S** – Suffix (900 mileage will have a B here for business loop)

**D** – Direction

**FROM REF PT** – Reference point defining start of a segment

**FROM OFFSET (MI)** – Distance from a reference point, defining start of a segment

**TO REF PT** – Reference point defining end of a segment

**TO OFFSET (MI)** – Distance from a reference point, defining end of a segment

**LENGTH** – Length of a segment

**LEFT SHLDR WIDTH** – Left shoulder width

**DRIVING LANE WIDTH** – Driving lane width

**RIGHT SHLDR WIDTH** – Right shoulder width

**SURF DPTH** – Total pavement depth

**BASE DPTH** – Total base depth

**GRAD WDTN** – Graded width of section below base

**FIN WDTN** – Finished width of section below pavement

**TAADT** – Truck Annual Average Daily Traffic

**AADT** – Annual Average Daily Traffic

**ESALS** – Equivalent Single Axle Loads (18 kip)

**PAV AGE** – The number of years since last (20 year design life) rehab

**EFF PAV AGE** – The effective age of a pavement based on the design life of the last rehabilitation. See examples #1 and #2 on following pages.

**LAST YEAR SEAL** – The last year this segment was sealed

**PVMT TYPE** – Flex for asphalt, Concr for concrete, and Compo for composite pavement of asphalt over concrete or concrete over asphalt

**PVMT DESC** – If PVMT TPE is Flex then PVMT DESC will be asphalt, if PVMT TYPE is concr then PVMT DESC will either be CRCP or jointed, if PVMT TYPE is compo then PVMT DESC will be AOCRC (asphalt over CRCP), AOPJC (asphalt over jointed), AOB&S (asphalt over break and seat), AOC&S (asphalt over crack and seat), or PCCOA (concrete over asphalt)

**HWY PTY SYS** – RI (rural interstate), UI (urban interstate), RIC (rural interregional corridor), UIC (urban interregional corridor), RSC (rural state corridor), USC (urban state corridor), RCR (rural district corridor), UCR (urban district corridor), RCL (rural district collector), UCL (urban district collector), RCN (rural district collector on the National Highway System)

**INTL CONS** – Year of first construction

**PREV CONS** – Year of first rehabilitation

**LTST CONS** – Year of most recent rehabilitation

**LTST REHAB** – Type of latest rehabilitation (overlay, CPR, seal, etc...)



EXAMPLE # 1

All asphalt pavement life is based on a 20 year design. All concrete pavement life is based on a 30 year design life unless otherwise noted.

```

Aug 20,98      - HIGHWAY COMPONENTS INQUIRY -          1 more >
*PRIORITIES  *PROPOSED      ENGLISH          SEGMENT  *JUMP
HWY:   1  SUF:  DIR:  N  REG:  E  DIST:  2  LOC STATE LINE N TO JCT 11 W OF LUDDEN
FR DT3506 ***** NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS ***** DT3506M1 RFPT:
0.000 OFF: 0.0000 MI TO RFPT:  5.178 OFF: 0.0000 MI LEN:  5.1555 MI
LSHL  DRLN  RSHL  SURF BASE GRAD FIN  PVMT EFF LAST PVMT  PVMT  *PTY INTL  PREV LTST
WDTH  WDTH  WDTH  DPTH  DPTH  WDTH  WDTH  AGE AGE SEAL TYPE  DESC  SYS  CON  CONS  CONS
  2.0  24.0  2.0   3.5   6.0   38.0  28.0  35  35 1996 FLEX ASPHLT HL  1958 1963 1963
*DISTRESS: 80  *RIDE: 3.09  *ESALS: 78  *AADT: 415  *AVG RUT (IN): 0.15
7 OCCURS COMMENTS  LSHL RDWY  RSHL  *MAINT: 7.92 4YR MAINT: 2706.12
DPTH              WDTH  WDTH  WDTH              OIL/CON CLS      COST  DSN
(IN) COMPONENTS   (FT)  (FT)  (FT)              TYPE  AGG YEAR THOUS LFE _PCN SUB H
  GRADE              38.0
6.0 AGGREGATE BASE  34.0
1.5 HOT BIT PAVEMENT 28.0
2.0 HOT BIT PAVEMENT 24.0
  DISTRICT CHIP SEAL 24.0
  DRIVE SLOPE FLATTENING
  CONTRACT CHIP SEAL 24.0
  
```

1. 20 - theoretical design life of asphalt  
 -20 - Actual design life for component(2.0 hot bit pavement)  
 -----  
 0
  
2. 1963 - Initial construction year of pavement component  
 - 0 - Remaining life(theoretical)  
 -----  
 1963
  
3. 1998 - Current year  
 -1963 - Initial construction year of pavement component  
 -----  
 35 - Years old
  
4. This segment has had no subsequent treatments since its initial pavement component  
 in 1963. Its pavement age is then the same as its effective pavement age.

EXAMPLE # 2

All asphalt pavement life is based on a 20 year design. All concrete pavement life is based on a 30 year design life unless otherwise noted.

```
DT3506 ***** NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS ***** DT3506M1
Aug 20,98 - HIGHWAY COMPONENTS INQUIRY - 1 more >
*PRIORITIES *PROPOSED ENGLISH SEGMENT *JUMP
HWY: 1 SUF: DIR: N REG: E DIST: 2 LOC JCT 1 W OF LUDDEN TO JCT 11 OAKES
FR RFPT: 5.178 OFF: 0.0000 MI TO RFPT: 14.933 OFF: 0.0000 MI LEN: 9.7521 MI
LSHL DRLN RSHL SURF BASE GRAD FIN PVMT EFF LAST PVMT PVMT *PTY INTL PREV LTST
WDTH WDTH WDTH DPTH DPTH WDTH WDTH AGE AGE SEAL TYPE DESC SYS CONS CONS CONS
5.0 24.0 5.0 3.5 6.0 38.0 34.0 35 13 1996 FLEX ASPHT HL 1959 1963 1995
*DISTRESS: 79 *RIDE: 3.10 *ESALS: 129 *AADT: 1109 *AVG RUT (IN) : 0.15
8 OCCURS LSHL RDWY RSHL *MAINT: 51.82 4YR MAINT: 3473.71
DPTH WDTH WDTH WDTH OIL/CON CLS COST DSN
(IN) COMPONENTS (FT) (FT) (FT) TYPE AGG YEAR THOUS LFE PCN SUB H
GRADE 38.0 1959 98
6.0 EMULSIFIED BASE 34.0 SS-1 1959 156
1.5 HOT BIT PAVEMENT 34.0 120-150 1963
2.0 HOT BIT PAVEMENT 24.0 120-150 1963 98 20
DISTRICT CHIP SEAL 24.0 AE-150S 1985 62
DRIVE SLOPE FLATTENING 1992 35
INT CONT PATCH-1.5" 24.0 120-150 1995 119 10
CONTRACT CHIP SEAL 4.0 MC-3000 1996 68
```

1. 20 - Theoretical design life  
 -10 - Actual design life for component  
 -----  
 10
  
2. 1995 - Subsequent treatment that supercedes the initial 20 year design life component  
 -10  
 -----  
 1985
  
3. 1998 - Current year  
 -1985  
 -----  
 13 - Is the effective pavement age.
  
4. Since the subsequent treatment was not a 20 year design life treatment, the pavement age is not reset but, continues to be calculated from the original 20 year design life

## Flexible Pavement Condition Rating Deduct Values

CONDITION		EXTENT				SEVERITY
CODE	NONE	<10%	10-30%	>30%	LENGTH	
ALLIGATOR CRACKING	0	3	6	9	HAIRLINE	
	<b>AC</b>	12	15	18	SPALLED & TIGHT	
		21	24	27	SPALLED & LOOSE	
BLEEDING	NONE	<10%	10-30%	>30%	LENGTH	
	0	1	2	3	OCCASIONAL SMALL PATCHES	
	<b>BLD</b>	4	5	6	WHEEL TRACKS SMOOTH	
7		8	9	LITTLE VISIBLE AGGREGATE		
LONGITUDINAL CRACKING	NONE	<1000'	1000'-2000'	>2000'	L.F. PER MILE	
	0	1	2	3	<1/4" WIDTH	
	<b>LC</b>	4	5	6	1/4-1"	
7		8	9	>1" AND/OR SPALLED		
TRANSVERSE CRACKING	NONE	<1000'	1000'-2000'	>2000'	L.F. PER MILE	
	0	1	2	3	<1/4" WIDTH	
	<b>TC</b>	4	5	6	1/4-1"	
7		8	9	>1" OR SPALLED OR		
BLOCK CRACKING	NONE	<10%	10-30%	>30%	LENGTH	
	0	1	2	3	<1/4" WIDTH	
	<b>BC</b>	4	5	6	1/4-1"	
7		8	9	>1" AND/OR SPALLED		
RAVELING AND/OR WEATHERING	NONE	<10%	10-30%	>30%	AREA OF SAMPLE	
	0	1	2	3	MINOR LOSS	
	<b>RW</b>	4	5	6	SOME SMALL HOLES / PITS	
7		8	9	HIGHLY PITTED / ROUGH		
BITUMINOUS PATCHING	NONE	< 5%	5-15%	>15%	AREA OF SAMPLE	
	0	2	4	6	GOOD CONDITION	
	<b>BP</b>	8	10	12	FAIR CONDITION	
14		16	18	POOR CONDITION		
RUTTING	< 1/4 ■	1/4-3/8"	3/8-1/2"	>1/2"	DEPTH SEVERITY CATEGORY WITH 20% TRIGGER	
	0	6	14	27		

## Continuous Reinforced Concrete Pavement Condition Rating Deduct Values

CONDITION	EXTENT				SEVERITY
	NONE	<10%	10-30%	>30%	#LENGTH
■D. CRACKING  <b>DC</b>	0	2	4	6	<12" WIDTH
		8	10	12	12-14" WIDTH, MINOR SPALL
		14	16	18	>24" SPALL & LOOSE
	NONE	<10%	10-30%	>30%	LENGTH
LONGITUDINAL JOINT SPALLING <b>LJS</b>	0	1	2	3	<2" WIDTH
		4	5	6	2-6"
		7	8	9	> 6"
	NONE	<1000'	1000'-2000'	>2000'	L.F. PER MILE
LONGITUDINAL CRACKING <b>LC</b>	0	2	4	6	<1/4" WIDTH
		8	10	12	1/4-1"
		14	16	18	>1"
	NONE	<1000'	1000'-2000'	>2000'	L.F. PER MILE
TRANSVERSE CRACKING <b>TC</b>	0				
		4	5	6	1/4"-1" WIDTH
		7	8	9	>1"
	NONE	<10%	10-30%	>30%	#CRACKS
TRANSVERSE CRACK SPALLING <b>TCS</b>	0	1	2	3	MINOR SPALL < 3"
		4	5	6	ISOLATED SPALL > 3"
		7	8	9	SEVERE SPALL & FAULTED
	NONE	< 5%	5-15%	>15%	LENGTH
BITUMINOUS PATCHING <b>BP</b>	0	2	4	6	GOOD CONDITION
		8	10	12	FAIR CONDITION
		14	16	18	POOR CONDITION
	NONE	< 5%	5-15%	>15%	LENGTH
CONCRETE PATCH DETERIORATION <b>CP</b>	0	2	4	6	GOOD CONDITION
		8	10	12	FAIR CONDITION
		14	16	18	POOR CONDITION
		COUNT			# PER MILE
BLOW-UP REPAIRS	0	1	TO	6	COUNT X 3, MAX = 18

### SURFACE DISTRESS SCORE RANGES

97.00- OR MORE	EXCELLENT
91.00-96.00	GOOD
84.00-90.00	FAIR
83.00- OR LESS	POOR

**Rigid (Jointed) Pavement  
Condition Rating Deduct Values**

CONDITION		EXTENT				SEVERITY	
	CODE	NONE	<10%	10-30%	>30%	#JOINTS	
D. CRACKING	DC	0	2	4	6	<12" WIDTH	
			8	10	12	12-14" WIDTH, MINOR SPALL	
			14	16	18	>24" SPALL & LOOSE	
			COUNT		# PER SAMPLE		
CORNER BREAKS	CB	0	1	TO	99	<12" WIDTH	
		NONE	<10%	10-30%	>30%	LENGTH	
LONGITUDINAL JOINT SPALLING	LJS	0	1	2	3	<1" WIDTH	
			4	5	6	1-6"	
			7	8	9	> 6"	
		NONE	<10%	10-30%	>30%	PER MILE	
LONGITUDINAL CRACKING	LC	0	1	2	3	<1/4" WIDTH	
			4	5	6	1/4-1"	
			7	8	9	>1"	
		NONE	<10%	10-30%	>30%	PER MILE	
TRANSVERSE CRACKING	TC	0	1	2	3	<1/4" WIDTH	
			4	5	6	1/4-1"	
			7	8	9	>1"	
		NONE	<10%	10-30%	>30%	#JOINTS	
TRANSVERSE JOINT SPALLING	TJS	0	1	2	3	MINOR SPALL < 2"	
			4	5	6	ISOLATED SPALL > 2"	
			7	8	9	CRUSHED JOINT	
		NONE	< 5%	5-15%	>15%	SLABS	
BROKEN SLABS	BS	0	1	2	3	HAIRLINE CRACKS	
			4	5	6	INTERLOCKING PIECES	
			7	8	9	LOOSE PIECES	
		NONE	< 5%	5-15%	>15%	SLABS	
BITUMINOUS PATCHING	BP	0	1	2	3	GOOD CONDITION	
			4	5	6	FAIR CONDITION	
			7	8	9	POOR CONDITION	
		NONE	< 5%	5-15%	>15%	SLABS	
CONCRETE PATCH DETERIORATION	CP	0	1	2	3	GOOD CONDITION	
			4	5	6	FAIR CONDITION	
			7	8	9	POOR CONDITION	
		DENSITY	.06-.10	.11-.13	.14-.17	>.17"	SEVERITY AVERAGE INCHES PER MILE
FAULTING	FLT	16	1	2	4	6	
		28	1	3	5	7	
		40	1	4	6	8	
		46	2	4	6	8	
		52	2	5	7	9	
		64	2	6	8	10	
		76	3	7	9	11	
		125	4	7	9	11	
		174	5	8	10	12	
		380	6	8	10	12	
		587	7	9	11	12	
		793	8	9	11	12	
999	9	10	11	12			

**SEGMENT  
RANKING  
BASED ON**

**2023 DATA**

**AVERAGE  
SEGMENT  
DISTRESS  
SCORES**

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
32	N	219.556	230.000	W JCT 5 CONCRETE TO WALHALLA	ASPHT	41	23	2011	77	0.19	167
17	E	137.911	140.372	STA 539 NEAR JCT I-29 TO RED RIVER	ASPHT	27	14	2023	80	0.13	118
18	N	239.000	242.147	E JCT 5 N TO STATE LINE	ASPHT	49	23	2011	80	0.16	182
29	N	205.000	206.000	SOUTH OF BATHGATE SEP TO N OF S	AOPJC	16	16	2008	81	0.21	73
17	E	112.000	112.000	MUNICIPAL 11 TO 52 E PARK RIVER	ASPHT	10	10	2014	81	0.15	120
17	E	127.000	127.738	SCHOOL ROAD E TO HILL AVE -(US 81)	JOINT	36	28	2019	81	0.20	136
17	E	129.000	137.000	GRAFTON E NEAR JCT I-29	ASPHT	66	14	2023	81	0.16	98
29	N	152.337	155.000	MANVEL N TO N OF JCT CO RD 18	JOINT	33	14	2020	81	-1.00	55
29	N	197.000	205.000	N BOWESMONT INTR N TO BATHGATE	AOPJC	16	16	2008	81	0.29	74
29	N	206.000	216.000	N OF BATHGATE TO NEAR PEMBINA X	AOPJC	15	15	2009	81	0.20	82
29	S	197.000	203.410	S N. BOWESMONT SEP N TO MP 203 S	AOPJC	11	11	2013	81	0.21	96
29	S	203.410	205.000	ASPHALT OVERLAY SECTION SB 1-29	AOC&S	11	11	2013	81	0.26	110
18	N	183.000	197.571	CO LN N TO S JCT 17	ASPHT	26	23	2014	82	0.14	107
81	N	940.000	940.000	I-29 TO WEST OF 38TH STREET SOUT	JOINT	47	47	1977	82	-1.00	135
2	W	300.000	305.000	MAPES X-OVER TO MICHIGAN BYPASS	JOINT	40	28	2006	83	-1.00	53
18	N	198.447	202.000	N JCT 17 N-4 MILES	ASPHT	21	21	2014	83	0.19	88
17	E	127.896	128.000	GRAFTON MUNICIPAL STA 4+98 TO 5+	ASPHT	41	14	2023	83	0.14	92
200	E	347.000	354.115	CO LN E COOPERSTOWN E TO S JCT	ASPHT	35	21	2016	83	0.22	117
65	E	0.000	9.383	JCT 1-BINFORD E TO JCT 45	ASPHT	44	29	2008	84	0.17	116
29	N	155.000	161.000	CO RD 18 TO HWY 54	JOINT	33	14	2020	84	-1.00	62
29	S	190.000	197.000	PITTSBURG INTER TO BOWESMONT I	AOPJC	11	11	2013	84	0.21	106

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
29	S	187.000	190.000	N OF JCT 66 TO PITTSBURG INTERCH	AOPJC	11	11	2013	84	0.20	107
2	W	322.000	322.000	5.028 MI E CO LN E 0.369 MI	ASPHT	10	10	2023	84	0.29	103
2	E	354.000	355.000	GF-55TH ST E TO I-29-EB	JOINT	29	29	2014	84	-1.00	93
200	E	341.000	347.000	COOPERSTOWN EAST TO COUNTY LI	ASPHT	35	21	2016	85	0.24	107
29	S	205.000	213.000	RPT 205 TO S OF PEMBINA RIVER BRI	AOPJC	11	11	2013	85	0.19	81
18	N	167.000	169.000	JCT 2-LARIMORE-N 3 MILES	ASPHT	24	24	2010	85	0.20	85
81	S	940.000	940.000	I-29 TO WEST OF 38TH ST SOUTH	JOINT	47	47	1977	85	-1.00	124
32	N	230.000	231.000	WALHALLA MUNICIPAL SECTION	ASPHT	41	23	2011	85	0.11	132
297	E	0.000	3.060	GF-DEMERS AVE (34TH ST TO US 2)	JOINT	31	27	2017	85	-1.00	89
17	E	118.119	127.000	N JCT 18 E TO SCHOOL ROAD	ASPHT	10	10	2014	85	0.13	87
2	W	317.000	318.000	CO LN E 1.567 MI	ASPHT	10	10	2014	85	0.22	105
29	N	216.000	217.517	NEAR PEMBINA XCROSSING TO CANA	AOPJC	11	11	2013	86	0.16	107
29	N	136.000	141.000	NEAR 32ND AVE S N TO HWY 2 INTER.	JOINT	35	14	2020	86	-1.00	61
2	W	318.000	321.000	1.947 MI E CO LN EAST	ASPHT	10	10	2014	86	0.22	96
29	S	183.000	183.000	HERRICK SOUTH	AOPJC	20	18	2016	86	0.25	69
5	E	300.000	302.000	PAR.-ROAD E TO JCT 32-HALLSON	ASPHT	52	32	2002	86	0.16	77
2	E	295.468	300.000	.5 MILES E LAKOTA TO MAPES X-OVER	JOINT	40	6	2018	86	-1.00	43
2	E	304.000	318.000	MICHIGAN X-OVER E TO E CO LN	JOINT	40	28	2006	86	-1.00	74
29	S	184.000	187.000	N OF HERRICK N TO N OF JCT 66	AOPJC	20	18	2016	86	0.20	73
18	N	202.000	207.000	N JCT 17 N VIA HOOPLE TO CO LN	ASPHT	51	22	2012	86	0.16	76
29	N	141.000	147.000	HWY 2 INTER. TO NORTH OF GRAND F	JOINT	35	14	2020	86	-1.00	74



## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
18	N	197.571	198.447	S JCT 17 TO N JCT 17	ASPHT	30	30	1994	86	0.14	112
297	W	0.190	3.060	GRAND FORKS-DEMERS AVE (I-29-US	JOINT	30	27	2017	86	-1.00	78
29	S	213.000	217.517	S OF PEMBINA RIVER TO CANADIAN LI	AOC&S	11	11	2013	86	0.20	112
297	E	0.000	0.000	GF-DEMERS AVE (I-29 TO NEAR 34TH)	JOINT	30	27	2017	87	-1.00	65
18	N	163.000	166.225	LARIMORE N TO JCT 2	ASPHT	24	20	2014	87	0.17	97
29	N	147.000	152.337	N OF N GF INTR N TO MANVEL INTR	JOINT	33	14	2020	87	-1.00	73
81	N	940.000	941.000	EAST OF 31ST ST TO EAST OF 25TH S	JOINT	47	47	1977	87	-1.00	133
32	N	231.000	236.674	WALHALLA N TO STATE LINE	ASPHT	66	23	2011	87	0.09	104
2	W	354.000	355.479	GF-55TH ST E TO I-29-WB	JOINT	29	29	2014	87	-1.00	98
18	N	207.000	216.000	COUNTY LINE N 9 MILES	ASPHT	51	22	2012	87	0.16	74
2	W	323.000	327.000	6.341 MI E CO LN E 3.89 MI	ASPHT	10	10	2014	87	0.24	82
17	E	112.000	117.243	PARK RIVER E TO S JCT 18	ASPHT	10	10	2014	87	0.13	107
2	E	324.000	329.000	7.3 MI E CO LN E TO 1.4 MI W JCT 18	PCCOA	11	11	2013	87	-1.00	95
2	W	356.000	358.090	GATEWAY DR-COLUMBIA RD TO RED	JOINT	37	33	2011	87	-1.00	122
5	E	302.000	313.000	JCT 32-HALLSON E TO CAVALIER	ASPHT	71	19	2015	87	0.14	101
81	N	200.000	202.271	CO LN N TO TRUCK INSPECTION SITE	ASPHT	19	16	2021	87	0.10	48
2	W	295.468	300.000	LAKOTA E TO MAPES X-OVER-INCL T	JOINT	9	9	2015	87	-1.00	57
17	W	127.896	128.000	GRAFTON-MUNICIPAL STA 4+98 TO 17	ASPHT	41	14	2023	87	0.12	85
2	E	355.000	356.000	GF I-29 EAST TO COLUMBIA ROAD	JOINT	36	33	2011	87	-1.00	108
81	N	175.000	181.000	ARDOCH N TO MINTO	ASPHT	23	19	2015	87	0.08	78
2	W	322.000	323.000	5.397 MI E CO LN E 0.758 MI	ASPHT	10	10	2014	87	0.23	93

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
81	S	940.000	941.000	EAST OF 31ST TO WEST OF 23RD ST S	JOINT	21	21	2003	88	-1.00	128
29	S	141.000	141.196	S US 2 N TO US 2	JOINT	30	14	2020	88	-1.00	46
29	S	143.000	147.000	S OF N GF INTR TO N OF N GF INTR-S	JOINT	31	14	2020	88	-1.00	54
45	N	7.385	18.048	JCT ND 65 E-N-E TO JCT 32	ASPHT	44	20	2017	88	0.12	89
81	N	190.993	191.000	GRAFTON-W JCT 17 TO 7TH ST	CRCP	54	35	1970	88	-1.00	127
81	N	945.105	948.000	GF-STA 105 TO N GRAND FORKS INTR	AOC&S	21	21	2015	88	0.11	106
2	W	305.000	306.000	MICHIGAN BYPASS	JOINT	9	9	2015	88	-1.00	70
81	N	945.000	945.105	GF-N WAST ST (13TH AVE NE TO US 2)	JOINT	23	14	2020	88	0.12	120
29	N	161.000	168.000	N OF JCT ND 54 N TO FOREST RIVER	AOCRC	26	20	2017	88	0.16	70
44	N	31.000	32.000	DRAYTON MUNICIPAL	JOINT	70	24	2010	88	-1.00	105
2	W	333.000	337.000	NEAR RPT 333 TO NEAR ARVILLA	ASPHT	10	10	2014	88	0.19	71
32	N	205.496	207.500	S JCT 66 N TO N JCT 66	ASPHT	52	18	2016	88	0.11	76
2	W	343.000	346.000	E OF GF AFB EAST	JOINT	35	13	2021	88	-1.00	31
32	N	207.500	216.551	N JCT 66 N TO E JCT 5 HALLSON	ASPHT	52	18	2016	88	0.11	87
32	N	191.471	198.000	0.5 MI N JCT 17 TO EDINBURG	ASPHT	32	18	2016	88	0.12	79
81	S	941.000	942.000	GF-S WASH ST(32ND AVE S-26TH AVE	JOINT	26	20	2014	89	-1.00	100
81	N	944.000	944.000	GF-N WASH ST (DYKE TO .05MI S 8TH)	AOPJC	22	19	2018	89	0.13	88
81	N	941.000	942.000	GF-S WASH ST(32ND AVE S-26TH AVE	JOINT	26	20	2014	89	-1.00	93
81	N	218.530	228.353	JCT 5 HAMILTON E TO I-29	ASPHT	71	21	2013	89	0.16	98
29	S	136.000	138.146	NEAR 32ND AVE N TO 32ND AVE	JOINT	30	14	2020	89	-1.00	40
81	N	204.273	206.414	N JCT 66 TO NORTH OF ST THOMAS	ASPHT	16	16	2016	89	0.10	77

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
2	E	318.000	324.000	E CO LN E APPROX 5.4 MILES	PCCOA	11	11	2013	89	-1.00	98
81	N	182.000	184.000	MINTO N APPROX 2.5 MI	ASPHT	29	14	2023	89	0.14	105
2	E	356.000	358.090	GATEWAY DR-COLUMBIA RD TO RED	JOINT	37	33	2011	89	-1.00	141
18	N	169.000	183.000	3 MI N JCT 2 N TO CO LN	ASPHT	21	18	2016	89	0.13	68
32	N	204.000	205.496	1 MI S OF SOUTH JCT 66 TO S JCT 66	ASPHT	47	19	2018	89	0.11	85
81	N	948.000	949.222	N GRAND FORKS INTERCHANGE TO I-	ASPHT	21	21	2015	89	0.08	132
29	N	187.000	197.000	N OF JCT 66 TO N BOWESMONT INTR	AOPJC	20	18	2016	89	0.23	59
32	N	117.882	130.732	FINLEY N TO JCT 45-W SHARON	ASPHT	17	16	2021	89	0.11	59
59	E	0.000	1.063	JCT I-29 E TO RED RIVER	ASPHT	20	20	2013	89	0.14	113
2	W	327.000	329.000	10.435 MI E CO LN E 1.749 MI	ASPHT	10	10	2014	89	0.22	80
29	N	129.000	136.000	N OF ND 15 N TO NEAR 32ND AVE-GF	JOINT	15	15	2009	89	-1.00	53
81	S	944.000	944.000	GF-N WASH ST (DYKE TO .05 MILE S 8	AOPJC	22	19	2018	89	0.12	113
32	N	104.086	112.875	JCT 38 NORTH TO SOUTH JCT 200	ASPHT	46	20	2017	89	0.13	82
32	N	140.714	158.736	JCT 15 N TO JCT 2-PETERSBURG	ASPHT	59	20	2017	89	0.13	72
5	E	332.003	335.813	JCT I-29 JOLIETTE E TO RED RIVER	ASPHT	50	21	2013	89	0.15	105
29	N	184.038	187.000	N OF HERRICK N TO N OF JCT 66	AOPJC	20	18	2016	90	0.23	55
18	N	152.185	163.000	W JCT 15 N TO LARIMORE	ASPHT	23	22	2015	90	0.14	94
29	N	183.000	184.038	HERRICK NORTH	ASPHT	20	18	2016	90	0.22	60
32	N	139.000	140.714	3 MI N OF ANETA N TO JCT 15	ASPHT	16	16	2021	90	0.10	57
81	N	184.000	190.000	APPROX 2.5 MI N MINTO N TO GRAFTO	ASPHT	29	14	2023	90	0.17	127
81	N	169.000	175.000	LEVANT NW TO N EDGE ARDOCH	ASPHT	31	31	1993	90	0.13	81

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
66	E	112.000	122.947	CRYSTAL E TO N JCT 81 ST THOMAS	ASPHT	46	14	2023	90	0.13	96
54	E	8.000	9.958	I-29 CROSS RD E TO RED RIVER-OSLO	ASPHT	10	10	2014	90	0.10	80
2	W	330.520	332.000	JCT 18 E TO NEAR CMC 1815	ASPHT	10	10	2014	90	0.19	96
2	W	337.000	341.000	NEAR ARVILLA E TO 1.2 MI W GF AFB	JOINT	35	13	2021	90	-1.00	36
2	W	341.000	342.000	1.254 MI W GF AFB EAST	JOINT	35	13	2021	90	-1.00	30
17	E	96.000	106.314	ADAMS TO JCT 32	ASPHT	57	18	2016	90	0.11	100
32	N	136.000	136.000	MUNICIPAL SECTION IN ANETA	ASPHT	16	16	2021	90	0.13	64
32	N	130.732	136.000	JCT 45-SHARON N TO ANETA	ASPHT	16	16	2021	90	0.12	47
2	W	355.479	356.000	GF I-29 EAST TO COLUMBIA ROAD	JOINT	36	33	2011	90	-1.00	100
81	S	942.000	943.000	GF-S WASH ST(26TH AVE S-HAMMERL	JOINT	72	20	2014	90	0.11	108
29	S	175.792	183.000	JCT 17 N TO S OF HERRICK	JOINT	28	28	1996	90	-1.00	77
17	E	82.122	96.000	JCT 1 E TO ADAMS	ASPHT	52	19	2018	90	0.07	92
32	N	198.000	204.000	EDINBURG N TO 1 M S OF S JCT 66	ASPHT	47	19	2018	90	0.09	62
2	W	349.000	353.000	APPROX 4 MI W OF GF TO 69TH ST N	JOINT	35	13	2021	91	-1.00	39
2	E	910.126	911.328	GF-5TH ST (GATEWAY TO UNIVERSITY	AOPJC	76	17	2020	91	0.07	146
1	N	119.821	128.493	W JCT 200 N TO JCT ND 65	ASPHT	66	22	2015	91	0.11	109
29	S	141.196	143.000	N OF US 2 N TO S OF N GF INTR	JOINT	30	14	2020	91	-1.00	49
32	N	112.875	117.000	S JCT 200 N TO FINLEY	ASPHT	35	16	2021	91	0.11	52
32	N	136.000	139.000	ANETA N 3 MI TO 1 MI S OF JCT 15	ASPHT	16	16	2021	91	0.11	42
32	N	164.197	178.000	NIAGARA N TO FORDVILLE ROAD	ASPHT	16	16	2019	91	0.13	72
45	N	0.000	0.000	MUNICIPAL SECTION COOPERSTOWN	ASPHT	57	18	2019	91	0.12	127

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
66	E	136.933	137.339	I-29 E TO JCT 44 DRAYTON	ASPHT	27	19	2018	91	0.09	77
29	S	151.000	152.337	S MANVEL INTR N TO MANVEL INTR-S	JOINT	31	12	2022	91	-1.00	36
81	N	191.000	192.000	GRAFTON N TO NORTH URBAN LIMITS	ASPHT	25	17	2020	91	0.08	71
29	S	118.000	119.000	N OF BUXTON N TO R.P. 119.245	JOINT	33	33	1991	91	-1.00	49
200	E	319.423	331.806	JCT 20-GLENFIELD E TO W JCT 1	ASPHT	30	20	2017	91	0.12	77
200	E	337.913	341.000	EAST JCT 1 THRU COOPERSTOWN	ASPHT	30	17	2020	91	0.14	82
81	N	942.000	943.000	GF-S WAST ST(26TH AVE S-HAMMERLI	JOINT	60	20	2014	91	0.14	104
29	N	183.000	183.000	HERRICK SOUTH	AOPJC	20	18	2016	91	0.23	65
29	N	174.000	183.000	S OF JCT 17 N TO NEAR HERRICK INT	JOINT	29	29	1995	91	-1.00	58
81	N	202.271	204.273	TRUCK INSPECT TO N JCT 66 ST THO	ASPHT	19	16	2021	91	0.10	59
1	N	113.714	119.821	E JCT 200 TO W JCT 200-COOPERSTO	ASPHT	30	17	2020	92	0.13	80
29	N	118.000	119.000	N OF BUXTON N TO R.P. 119.245	JOINT	32	32	1992	92	-1.00	62
2	W	329.000	330.520	12.184 MI E CO LN E TO JCT 18	ASPHT	10	10	2014	92	0.18	80
45	N	0.000	7.385	COOPERSTOWN N TO JCT ND 65	ASPHT	44	34	1998	92	0.14	73
66	E	103.872	112.000	JCT 32 GARDAR E TO CRYSTAL	ASPHT	46	17	2020	92	0.09	58
17	E	106.314	111.000	JCT 32 E TO PARK RIVER	ASPHT	32	20	2017	92	0.10	82
81	N	163.105	169.000	MANVEL N TO LEVANT	AOPJC	22	22	2015	92	0.09	84
29	S	183.000	184.000	HERRICK NORTH	ASPHT	20	18	2016	92	0.21	68
32	N	198.000	198.000	EDINBURG MUNICIPAL SECTION	ASPHT	32	19	2018	92	0.10	63
29	S	138.146	141.000	32ND AVE N TO S US 2	JOINT	30	14	2020	92	-1.00	40
2	E	329.000	341.000	1.4 MI W JCT 18 E TO 1 MI W GF AFB	ASPHT	26	18	2016	92	0.16	73

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
81	N	196.000	200.000	RPT 196.000 N TO COUNTY LINE	ASPHT	19	16	2021	92	0.09	43
15	E	114.902	134.137	E JCT 18 EAST TO I-29	ASPHT	10	10	2014	92	0.14	63
2	E	353.000	354.000	69TH ST N TO 2 MI W COLUMBIA RD	AOPJC	3	3	2021	93	0.10	59
35	N	0.000	0.000	JCT 2 N MUNICIPAL SEC IN MICHIGAN	ASPHT	58	12	2022	93	0.09	112
18	N	216.000	224.000	1 MILE S HENSEL N TO CAVALIER	ASPHT	10	10	2014	93	0.14	68
1	N	173.000	181.000	CO LN N TO LAWTON	ASPHT	13	13	2020	93	0.10	68
17	E	77.000	78.000	EDMORE-W EDGE OF CITY TO MADIS	ASPHT	12	12	2022	93	0.10	60
29	S	168.000	175.792	FOREST RIVER N TO JCT 17	JOINT	27	27	1997	93	-1.00	55
29	S	152.337	155.000	MANVEL N TO N OF CO. RD. 18	JOINT	31	12	2022	93	-1.00	34
29	S	155.000	161.000	CO. RD. 18 TO WALSH CO. LINE	JOINT	31	12	2022	93	-1.00	39
29	S	147.000	151.000	N OF N GF INTR N TO S MANVEL INT-S	JOINT	31	12	2022	93	-1.00	43
1	N	198.000	200.000	CAVALIER CO LN N TO NEKOMA SPUR	ASPHT	12	12	2022	94	0.10	66
66	E	124.950	136.933	SOUTH JCT 81-ST THOMAS E TO I-29	ASPHT	27	19	2018	94	0.09	67
2	W	306.000	317.000	MICHIGAN BYPASS E TO CO LN-WB	ASPHT	27	18	2019	94	0.17	65
81	N	206.414	218.530	N OF ST THOMAS TO JCT 5 HAMILTON	ASPHT	16	16	2018	94	0.08	52
32	N	178.000	191.471	FORDVILLE NORTH TO JCT 17	ASPHT	16	16	2019	94	0.11	60
2	W	346.000	349.000	APPROX 4 MI E GF AFB EAST	JOINT	35	13	2021	94	-1.00	40
2	W	353.000	354.000	69TH ST N TO 2 MI W COLUMBIA RD	AOPJC	3	3	2021	94	0.09	63
29	S	161.000	168.000	N OF JCT ND 54 N TO FOREST RIVER	JOINT	27	27	1997	94	-1.00	48
5	E	296.000	300.000	EAST OF LANGDON TO PARR ROAD	ASPHT	24	15	2022	94	0.10	55
29	N	119.000	129.000	N OF BUXTON_N TO S OF ND 15	JOINT	10	10	2014	94	-1.00	43

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
2	E	300.000	304.000	MAPES X-OVER TO MICHIGAN X-OVER	PCCOA	6	6	2018	94	-1.00	59
2	E	341.000	343.000	1.061 MI W GF AFB EAST	JOINT	63	14	2020	95	-1.00	48
17	E	78.000	82.122	E EDGE EDMORE TO JCT 1	ASPHT	12	12	2022	95	0.12	62
15	E	107.000	114.902	1 MILE W OF NORTHWOOD E TO E JC	ASPHT	72	15	2022	95	0.07	43
29	N	168.000	174.000	FOREST RIVER N TO JCT 17	JOINT	25	25	1999	95	-1.00	48
54	E	7.695	8.000	I-29 CROSS ROAD PORTION	ASPHT	10	10	2014	95	0.11	86
5	E	288.000	296.000	EAST OF LANGDON	ASPHT	24	15	2022	95	0.10	59
38	N	19.000	36.332	PAGE N TO JCT 32-HOPE	ASPHT	25	17	2020	95	0.10	72
5	E	314.000	317.185	CAVALIER TO JCT 18	ASPHT	74	15	2022	95	0.12	51
29	S	129.000	136.000	S OF ND 15 TO NEAR 32ND AVE-GF	JOINT	14	14	2010	95	-1.00	52
1	N	104.000	113.714	MUNICIPAL SEC HANNAFORD TO JCT	ASPHT	54	17	2020	96	0.13	63
1	N	95.662	99.000	JCT 26 N TO COUNTY LINE	ASPHT	54	17	2020	96	0.12	53
1	N	189.521	198.000	JCT 17-EDMORE-N TO CAVALIER CO L	ASPHT	12	12	2022	96	0.10	50
5	E	317.185	322.180	JCT 18 TO JCT 81 HAMILTON	ASPHT	74	15	2022	96	0.08	47
91	N	900.000	901.262	ST THOMAS SPUR STA 26 TO STA 4	ASPHT	17	15	2022	96	0.13	141
81	N	192.000	196.000	NORTH URBAN LIMITS TO RPT 196.000	ASPHT	19	16	2021	96	0.08	48
35	N	12.000	27.264	CO LINE N TO JCT 17-ADAMS	ASPHT	47	12	2022	96	0.08	75
2	E	350.000	353.000	8 MI E GF AFB TO 69TH ST N	JOINT	33	14	2020	96	-1.00	33
44	N	29.434	31.000	JCT I-29 TO DRAYTON MUNICIPAL	AOPJC	14	14	2010	96	0.09	99
29	S	119.000	129.000	N OF BUXTON N TO S OF ND 15	JOINT	11	11	2013	96	-1.00	40
15	E	89.872	106.836	APPROX.7 M. W OF JCT 32 E TO JCT 1	ASPHT	12	12	2022	96	0.07	45

## Grand Forks District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
1	N	181.000	189.521	LAWTON N TO JCT 17 EDMORE	ASPHT	12	12	2022	97	0.10	54
1	N	99.000	104.000	CO LN N TO MUNICIPAL SEC HANNAF	ASPHT	54	17	2020	97	0.12	54
1	N	104.000	104.000	MUNICIPAL SECTION HANNAFORD_(R	ASPHT	15	15	2020	97	0.14	68
15	E	106.836	107.000	JCT 18_E TO 1 MILE W NORTHWOOD	ASPHT	12	12	2022	97	0.08	42
18	N	228.609	239.000	E.JCT 5 TO 1.5 MILES SOUTH OF NECH	ASPHT	49	15	2019	97	0.14	63
1	N	162.802	168.000	JCT 2-LAKOTA-N TO GRADE RAISE	ASPHT	13	13	2020	97	0.13	67
1	N	168.000	169.000	GRADE RAISE	ASPHT	13	13	2020	97	0.10	64
91	N	900.000	900.000	ST THOMAS SPUR STA 70 TO STA 62	ASPHT	17	15	2022	97	0.10	98
1	N	169.000	173.000	GRADE RAISE N TO COUNTY LINE	ASPHT	13	13	2020	97	0.11	64
2	E	343.000	349.000	0.3 MI E GF AFB E 6.93 MI	JOINT	33	14	2020	97	-1.00	31
66	E	93.000	101.868	DISTRICT BNDRY E TO JCT 32	ASPHT	52	15	2022	97	0.10	57
35	N	0.000	12.000	MICHIGAN N TO NELSON-WALSH CO L	ASPHT	54	12	2022	98	0.07	71
2	E	349.000	350.000	6.93 MI E GF AFB EAST	JOINT	33	14	2020	98	-1.00	27
66	E	137.339	138.720	JCT 44 DRAYTON TO RED RIVER	ASPHT	64	19	2018	98	0.10	85



**SEGMENT  
RANKING  
BASED ON**

**2023 DATA**

**AVERAGE  
SEGMENT  
IRI  
VALUES**

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
18	N	239.000	242.147	E JCT 5 N TO STATE LINE	ASPHT	49	23	2011	80	0.16	182
32	N	219.556	230.000	W JCT 5 CONCRETE TO WALHALLA	ASPHT	41	23	2011	77	0.19	167
2	E	910.126	911.328	GF-5TH ST (GATEWAY TO UNIVERSIT	AOPJC	76	17	2020	91	0.07	146
2	E	356.000	358.090	GATEWAY DR-COLUMBIA RD TO RED	JOINT	37	33	2011	89	-1.00	141
91	N	900.000	901.262	ST THOMAS SPUR STA 26 TO STA 4	ASPHT	17	15	2022	96	0.13	141
17	E	127.000	127.738	SCHOOL ROAD E TO HILL AVE -(US 81	JOINT	36	28	2019	81	0.20	136
81	N	940.000	940.000	I-29 TO WEST OF 38TH STREET SOUT	JOINT	47	47	1977	82	-1.00	135
81	N	940.000	941.000	EAST OF 31ST ST TO EAST OF 25TH S	JOINT	47	47	1977	87	-1.00	133
81	N	948.000	949.222	N GRAND FORKS INTERCHANGE TO I-	ASPHT	21	21	2015	89	0.08	132
32	N	230.000	231.000	WALHALLA MUNICIPAL SECTION	ASPHT	41	23	2011	85	0.11	132
81	S	940.000	941.000	EAST OF 31ST TO WEST OF 23RD ST	JOINT	21	21	2003	88	-1.00	128
81	N	184.000	190.000	APPROX 2.5 MI N MINTO N TO GRAFT	ASPHT	29	14	2023	90	0.17	127
81	N	190.993	191.000	GRAFTON-W JCT 17 TO 7TH ST	CRCP	54	35	1970	88	-1.00	127
45	N	0.000	0.000	MUNICIPAL SECTION COOPERSTOW	ASPHT	57	18	2019	91	0.12	127
81	S	940.000	940.000	I-29 TO WEST OF 38TH ST SOUTH	JOINT	47	47	1977	85	-1.00	124
2	W	356.000	358.090	GATEWAY DR-COLUMBIA RD TO RED	JOINT	37	33	2011	87	-1.00	122
17	E	112.000	112.000	MUNICIPAL 11 TO 52 E PARK RIVER	ASPHT	10	10	2014	81	0.15	120
81	N	945.000	945.105	GF-N WAST ST (13TH AVE NE TO US 2	JOINT	23	14	2020	88	0.12	120
17	E	137.911	140.372	STA 539 NEAR JCT I-29 TO RED RIVER	ASPHT	27	14	2023	80	0.13	118
200	E	347.000	354.115	CO LN E COOPERSTOWN E TO S JCT	ASPHT	35	21	2016	83	0.22	117
65	E	0.000	9.383	JCT 1-BINFORD E TO JCT 45	ASPHT	44	29	2008	84	0.17	116

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
81	S	944.000	944.000	GF-N WASH ST (DYKE TO .05 MILE S 8	AOPJC	22	19	2018	89	0.12	113
59	E	0.000	1.063	JCT I-29 E TO RED RIVER	ASPHT	20	20	2013	89	0.14	113
35	N	0.000	0.000	JCT 2 N MUNICIPAL SEC IN MICHIGAN	ASPHT	58	12	2022	93	0.09	112
18	N	197.571	198.447	S JCT 17 TO N JCT 17	ASPHT	30	30	1994	86	0.14	112
29	S	213.000	217.517	S OF PEMBINA RIVER TO CANADIAN L	AOC&S	11	11	2013	86	0.20	112
29	S	203.410	205.000	ASPHALT OVERLAY SECTION SB 1-29	AOC&S	11	11	2013	81	0.26	110
1	N	119.821	128.493	W JCT 200 N TO JCT ND 65	ASPHT	66	22	2015	91	0.11	109
81	S	942.000	943.000	GF-S WASH ST(26TH AVE S-HAMMER	JOINT	72	20	2014	90	0.11	108
2	E	355.000	356.000	GF I-29 EAST TO COLUMBIA ROAD	JOINT	36	33	2011	87	-1.00	108
18	N	183.000	197.571	CO LN N TO S JCT 17	ASPHT	26	23	2014	82	0.14	107
29	S	187.000	190.000	N OF JCT 66 TO PITTSBURG INTERCH	AOPJC	11	11	2013	84	0.20	107
17	E	112.000	117.243	PARK RIVER E TO S JCT 18	ASPHT	10	10	2014	87	0.13	107
29	N	216.000	217.517	NEAR PEMBINA XCROSSING TO CAN	AOPJC	11	11	2013	86	0.16	107
200	E	341.000	347.000	COOPERSTOWN EAST TO COUNTY LI	ASPHT	35	21	2016	85	0.24	107
29	S	190.000	197.000	PITTSBURG INTER TO BOWESMONT I	AOPJC	11	11	2013	84	0.21	106
81	N	945.105	948.000	GF-STA 105 TO N GRAND FORKS INTR	AOC&S	21	21	2015	88	0.11	106
44	N	31.000	32.000	DRAYTON MUNICIPAL	JOINT	70	24	2010	88	-1.00	105
2	W	317.000	318.000	CO LN E 1.567 MI	ASPHT	10	10	2014	85	0.22	105
5	E	332.003	335.813	JCT I-29 JOLIETTE E TO RED RIVER	ASPHT	50	21	2013	89	0.15	105
81	N	182.000	184.000	MINTO N APPROX 2.5 MI	ASPHT	29	14	2023	89	0.14	105
81	N	942.000	943.000	GF-S WAST ST(26TH AVE S-HAMMERL	JOINT	60	20	2014	91	0.14	104

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
32	N	231.000	236.674	WALHALLA N TO STATE LINE	ASPHT	66	23	2011	87	0.09	104
2	W	322.000	322.000	5.028 MI E CO LN E 0.369 MI	ASPHT	10	10	2023	84	0.29	103
5	E	302.000	313.000	JCT 32-HALLSON E TO CAVALIER	ASPHT	71	19	2015	87	0.14	101
17	E	96.000	106.314	ADAMS TO JCT 32	ASPHT	57	18	2016	90	0.11	100
2	W	355.479	356.000	GF I-29 EAST TO COLUMBIA ROAD	JOINT	36	33	2011	90	-1.00	100
81	S	941.000	942.000	GF-S WASH ST(32ND AVE S-26TH AVE	JOINT	26	20	2014	89	-1.00	100
44	N	29.434	31.000	JCT I-29 TO DRAYTON MUNICIPAL	AOPJC	14	14	2010	96	0.09	99
2	E	318.000	324.000	E CO LN E APPROX 5.4 MILES	PCCOA	11	11	2013	89	-1.00	98
81	N	218.530	228.353	JCT 5 HAMILTON E TO I-29	ASPHT	71	21	2013	89	0.16	98
17	E	129.000	137.000	GRAFTON E NEAR JCT I-29	ASPHT	66	14	2023	81	0.16	98
91	N	900.000	900.000	ST THOMAS SPUR STA 70 TO STA 62	ASPHT	17	15	2022	97	0.10	98
2	W	354.000	355.479	GF-55TH ST E TO I-29-WB	JOINT	29	29	2014	87	-1.00	98
18	N	163.000	166.225	LARIMORE N TO JCT 2	ASPHT	24	20	2014	87	0.17	97
2	W	318.000	321.000	1.947 MI E CO LN EAST	ASPHT	10	10	2014	86	0.22	96
66	E	112.000	122.947	CRYSTAL E TO N JCT 81 ST THOMAS	ASPHT	46	14	2023	90	0.13	96
2	W	330.520	332.000	JCT 18 E TO NEAR CMC 1815	ASPHT	10	10	2014	90	0.19	96
29	S	197.000	203.410	S N. BOWESMONT SEP N TO MP 203	AOPJC	11	11	2013	81	0.21	96
2	E	324.000	329.000	7.3 MI E CO LN E TO 1.4 MI W JCT 18	PCCOA	11	11	2013	87	-1.00	95
18	N	152.185	163.000	W JCT 15 N TO LARIMORE	ASPHT	23	22	2015	90	0.14	94
2	W	322.000	323.000	5.397 MI E CO LN E 0.758 MI	ASPHT	10	10	2014	87	0.23	93
81	N	941.000	942.000	GF-S WASH ST(32ND AVE S-26TH AVE	JOINT	26	20	2014	89	-1.00	93

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
2	E	354.000	355.000	GF-55TH ST E TO I-29-EB	JOINT	29	29	2014	84	-1.00	93
17	E	127.896	128.000	GRAFTON MUNICIPAL STA 4+98 TO 5+	ASPHT	41	14	2023	83	0.14	92
17	E	82.122	96.000	JCT 1 E TO ADAMS	ASPHT	52	19	2018	90	0.07	92
45	N	7.385	18.048	JCT ND 65 E-N-E TO JCT 32	ASPHT	44	20	2017	88	0.12	89
297	E	0.000	3.060	GF-DEMERS AVE (34TH ST TO US 2)	JOINT	31	27	2017	85	-1.00	89
18	N	198.447	202.000	N JCT 17 N-4 MILES	ASPHT	21	21	2014	83	0.19	88
81	N	944.000	944.000	GF-N WASH ST (DYKE TO .05MI S 8TH	AOPJC	22	19	2018	89	0.13	88
17	E	118.119	127.000	N JCT 18 E TO SCHOOL ROAD	ASPHT	10	10	2014	85	0.13	87
32	N	207.500	216.551	N JCT 66 N TO E JCT 5 HALLSON	ASPHT	52	18	2016	88	0.11	87
54	E	7.695	8.000	I-29 CROSS ROAD PORTION	ASPHT	10	10	2014	95	0.11	86
66	E	137.339	138.720	JCT 44 DRAYTON TO RED RIVER	ASPHT	64	19	2018	98	0.10	85
32	N	204.000	205.496	1 MI S OF SOUTH JCT 66 TO S JCT 66	ASPHT	47	19	2018	89	0.11	85
17	W	127.896	128.000	GRAFTON-MUNICIPAL STA 4+98 TO 17	ASPHT	41	14	2023	87	0.12	85
18	N	167.000	169.000	JCT 2-LARIMORE-N 3 MILES	ASPHT	24	24	2010	85	0.20	85
81	N	163.105	169.000	MANVEL N TO LEVANT	AOPJC	22	22	2015	92	0.09	84
29	N	206.000	216.000	N OF BATHGATE TO NEAR PEMBINA X	AOPJC	15	15	2009	81	0.20	82
2	W	323.000	327.000	6.341 MI E CO LN E 3.89 MI	ASPHT	10	10	2014	87	0.24	82
17	E	106.314	111.000	JCT 32 E TO PARK RIVER	ASPHT	32	20	2017	92	0.10	82
200	E	337.913	341.000	EAST JCT 1 THRU COOPERSTOWN	ASPHT	30	17	2020	91	0.14	82
32	N	104.086	112.875	JCT 38 NORTH TO SOUTH JCT 200	ASPHT	46	20	2017	89	0.13	82
29	S	205.000	213.000	RPT 205 TO S OF PEMBINA RIVER BRI	AOPJC	11	11	2013	85	0.19	81

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
81	N	169.000	175.000	LEVANT NW TO N EDGE ARDOCH	ASPHT	31	31	1993	90	0.13	81
2	W	329.000	330.520	12.184 MI E CO LN E TO JCT 18	ASPHT	10	10	2014	92	0.18	80
1	N	113.714	119.821	E JCT 200 TO W JCT 200-COOPERSTO	ASPHT	30	17	2020	92	0.13	80
54	E	8.000	9.958	I-29 CROSS RD E TO RED RIVER-OSL	ASPHT	10	10	2014	90	0.10	80
2	W	327.000	329.000	10.435 MI E CO LN E 1.749 MI	ASPHT	10	10	2014	89	0.22	80
32	N	191.471	198.000	0.5 MI N JCT 17 TO EDINBURG	ASPHT	32	18	2016	88	0.12	79
297	W	0.190	3.060	GRAND FORKS-DEMERS AVE (I-29-US	JOINT	30	27	2017	86	-1.00	78
81	N	175.000	181.000	ARDOCH N TO MINTO	ASPHT	23	19	2015	87	0.08	78
200	E	319.423	331.806	JCT 20-GLENFIELD E TO W JCT 1	ASPHT	30	20	2017	91	0.12	77
66	E	136.933	137.339	I-29 E TO JCT 44 DRAYTON	ASPHT	27	19	2018	91	0.09	77
5	E	300.000	302.000	PAR.-ROAD E TO JCT 32-HALLSON	ASPHT	52	32	2002	86	0.16	77
29	S	175.792	183.000	JCT 17 N TO S OF HERRICK	JOINT	28	28	1996	90	-1.00	77
81	N	204.273	206.414	N JCT 66 TO NORTH OF ST THOMAS	ASPHT	16	16	2016	89	0.10	77
18	N	202.000	207.000	N JCT 17 N VIA HOOPLE TO CO LN	ASPHT	51	22	2012	86	0.16	76
32	N	205.496	207.500	S JCT 66 N TO N JCT 66	ASPHT	52	18	2016	88	0.11	76
35	N	12.000	27.264	CO LINE N TO JCT 17-ADAMS	ASPHT	47	12	2022	96	0.08	75
29	N	141.000	147.000	HWY 2 INTER. TO NORTH OF GRAND	JOINT	35	14	2020	86	-1.00	74
2	E	304.000	318.000	MICHIGAN X-OVER E TO E CO LN	JOINT	40	28	2006	86	-1.00	74
18	N	207.000	216.000	COUNTY LINE N 9 MILES	ASPHT	51	22	2012	87	0.16	74
29	N	197.000	205.000	N BOWESMONT INTR N TO BATHGAT	AOPJC	16	16	2008	81	0.29	74
2	E	329.000	341.000	1.4 MI W JCT 18 E TO 1 MI W GF AFB	ASPHT	26	18	2016	92	0.16	73

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
29	S	184.000	187.000	N OF HERRICK N TO N OF JCT 66	AOPJC	20	18	2016	86	0.20	73
45	N	0.000	7.385	COOPERSTOWN N TO JCT ND 65	ASPHT	44	34	1998	92	0.14	73
29	N	205.000	206.000	SOUTH OF BATHGATE SEP TO N OF S	AOPJC	16	16	2008	81	0.21	73
29	N	147.000	152.337	N OF N GF INTR N TO MANVEL INTR	JOINT	33	14	2020	87	-1.00	73
38	N	19.000	36.332	PAGE N TO JCT 32-HOPE	ASPHT	25	17	2020	95	0.10	72
32	N	140.714	158.736	JCT 15 N TO JCT 2-PETERSBURG	ASPHT	59	20	2017	89	0.13	72
32	N	164.197	178.000	NIAGARA N TO FORDVILLE ROAD	ASPHT	16	16	2019	91	0.13	72
35	N	0.000	12.000	MICHIGAN N TO NELSON-WALSH CO	ASPHT	54	12	2022	98	0.07	71
81	N	191.000	192.000	GRAFTON N TO NORTH URBAN LIMIT	ASPHT	25	17	2020	91	0.08	71
2	W	333.000	337.000	NEAR RPT 333 TO NEAR ARVILLA	ASPHT	10	10	2014	88	0.19	71
29	N	161.000	168.000	N OF JCT ND 54 N TO FOREST RIVER	AOCRC	26	20	2017	88	0.16	70
2	W	305.000	306.000	MICHIGAN BYPASS	JOINT	9	9	2015	88	-1.00	70
29	S	183.000	183.000	HERRICK SOUTH	AOPJC	20	18	2016	86	0.25	69
18	N	216.000	224.000	1 MILE S HENSEL N TO CAVALIER	ASPHT	10	10	2014	93	0.14	68
1	N	104.000	104.000	MUNICIPAL SECTION HANNAFORD_(R	ASPHT	15	15	2020	97	0.14	68
29	S	183.000	184.000	HERRICK NORTH	ASPHT	20	18	2016	92	0.21	68
18	N	169.000	183.000	3 MI N JCT 2 N TO CO LN	ASPHT	21	18	2016	89	0.13	68
1	N	173.000	181.000	CO LN N TO LAWTON	ASPHT	13	13	2020	93	0.10	68
66	E	124.950	136.933	SOUTH JCT 81-ST THOMAS E TO I-29	ASPHT	27	19	2018	94	0.09	67
1	N	162.802	168.000	JCT 2-LAKOTA-N TO GRADE RAISE	ASPHT	13	13	2020	97	0.13	67
1	N	198.000	200.000	CAVALIER CO LN N TO NEKOMA SPU	ASPHT	12	12	2022	94	0.10	66

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
297	E	0.000	0.000	GF-DEMERS AVE (I-29 TO NEAR 34TH)	JOINT	30	27	2017	87	-1.00	65
29	N	183.000	183.000	HERRICK SOUTH	AOPJC	20	18	2016	91	0.23	65
2	W	306.000	317.000	MICHIGAN BYPASS E TO CO LN-WB	ASPHT	27	18	2019	94	0.17	65
1	N	168.000	169.000	GRADE RAISE	ASPHT	13	13	2020	97	0.10	64
32	N	136.000	136.000	MUNICIPAL SECTION IN ANETA	ASPHT	16	16	2021	90	0.13	64
1	N	169.000	173.000	GRADE RAISE N TO COUNTY LINE	ASPHT	13	13	2020	97	0.11	64
15	E	114.902	134.137	E JCT 18 EAST TO I-29	ASPHT	10	10	2014	92	0.14	63
2	W	353.000	354.000	69TH ST N TO 2 MI W COLUMBIA RD	AOPJC	3	3	2021	94	0.09	63
18	N	228.609	239.000	E.JCT 5 TO 1.5 MILES SOUTH OF NEC	ASPHT	49	15	2019	97	0.14	63
32	N	198.000	198.000	EDINBURG MUNICIPAL SECTION	ASPHT	32	19	2018	92	0.10	63
1	N	104.000	113.714	MUNICIPAL SEC HANNAFORD TO JCT	ASPHT	54	17	2020	96	0.13	63
29	N	155.000	161.000	CO RD 18 TO HWY 54	JOINT	33	14	2020	84	-1.00	62
29	N	118.000	119.000	N OF BUXTON N TO R.P. 119.245	JOINT	32	32	1992	92	-1.00	62
32	N	198.000	204.000	EDINBURG N TO 1 M S OF S JCT 66	ASPHT	47	19	2018	90	0.09	62
17	E	78.000	82.122	E EDGE EDMORE TO JCT 1	ASPHT	12	12	2022	95	0.12	62
29	N	136.000	141.000	NEAR 32ND AVE S N TO HWY 2 INTER	JOINT	35	14	2020	86	-1.00	61
17	E	77.000	78.000	EDMORE-W EDGE OF CITY TO MADIS	ASPHT	12	12	2022	93	0.10	60
29	N	183.000	184.038	HERRICK NORTH	ASPHT	20	18	2016	90	0.22	60
32	N	178.000	191.471	FORDVILLE NORTH TO JCT 17	ASPHT	16	16	2019	94	0.11	60
29	N	187.000	197.000	N OF JCT 66 TO N BOWESMONT INTR	AOPJC	20	18	2016	89	0.23	59
81	N	202.271	204.273	TRUCK INSPECT TO N JCT 66 ST THO	ASPHT	19	16	2021	91	0.10	59



## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
2	E	353.000	354.000	69TH ST N TO 2 MI W COLUMBIA RD	AOPJC	3	3	2021	93	0.10	59
32	N	117.882	130.732	FINLEY N TO JCT 45-W SHARON	ASPHT	17	16	2021	89	0.11	59
2	E	300.000	304.000	MAPES X-OVER TO MICHIGAN X-OVE	PCCOA	6	6	2018	94	-1.00	59
5	E	288.000	296.000	EAST OF LANGDON	ASPHT	24	15	2022	95	0.10	59
66	E	103.872	112.000	JCT 32 GARDAR E TO CRYSTAL	ASPHT	46	17	2020	92	0.09	58
29	N	174.000	183.000	S OF JCT 17 N TO NEAR HERRICK INT	JOINT	29	29	1995	91	-1.00	58
32	N	139.000	140.714	3 MI N OF ANETA N TO JCT 15	ASPHT	16	16	2021	90	0.10	57
2	W	295.468	300.000	LAKOTA E TO MAPES X-OVER-INCL T	JOINT	9	9	2015	87	-1.00	57
66	E	93.000	101.868	DISTRICT BNDRY E TO JCT 32	ASPHT	52	15	2022	97	0.10	57
29	N	184.038	187.000	N OF HERRICK N TO N OF JCT 66	AOPJC	20	18	2016	90	0.23	55
29	N	152.337	155.000	MANVEL N TO N OF JCT CO RD 18	JOINT	33	14	2020	81	-1.00	55
29	S	168.000	175.792	FOREST RIVER N TO JCT 17	JOINT	27	27	1997	93	-1.00	55
5	E	296.000	300.000	EAST OF LANGDON TO PARR ROAD	ASPHT	24	15	2022	94	0.10	55
1	N	99.000	104.000	CO LN N TO MUNICIPAL SEC HANNAF	ASPHT	54	17	2020	97	0.12	54
1	N	181.000	189.521	LAWTON N TO JCT 17 EDMORE	ASPHT	12	12	2022	97	0.10	54
29	S	143.000	147.000	S OF N GF INTR TO N OF N GF INTR-S	JOINT	31	14	2020	88	-1.00	54
2	W	300.000	305.000	MAPES X-OVER TO MICHIGAN BYPAS	JOINT	40	28	2006	83	-1.00	53
1	N	95.662	99.000	JCT 26 N TO COUNTY LINE	ASPHT	54	17	2020	96	0.12	53
29	N	129.000	136.000	N OF ND 15 N TO NEAR 32ND AVE-GF	JOINT	15	15	2009	89	-1.00	53
29	S	129.000	136.000	S OF ND 15 TO NEAR 32ND AVE-GF	JOINT	14	14	2010	95	-1.00	52
81	N	206.414	218.530	N OF ST THOMAS TO JCT 5 HAMILTON	ASPHT	16	16	2018	94	0.08	52

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
32	N	112.875	117.000	S JCT 200 N TO FINLEY	ASPHT	35	16	2021	91	0.11	52
5	E	314.000	317.185	CAVALIER TO JCT 18	ASPHT	74	15	2022	95	0.12	51
1	N	189.521	198.000	JCT 17-EDMORE-N TO CAVALIER CO L	ASPHT	12	12	2022	96	0.10	50
29	S	118.000	119.000	N OF BUXTON N TO R.P. 119.245	JOINT	33	33	1991	91	-1.00	49
29	S	141.196	143.000	N OF US 2 N TO S OF N GF INTR	JOINT	30	14	2020	91	-1.00	49
29	S	161.000	168.000	N OF JCT ND 54 N TO FOREST RIVER	JOINT	27	27	1997	94	-1.00	48
81	N	192.000	196.000	NORTH URBAN LIMITS TO RPT 196.00	ASPHT	19	16	2021	96	0.08	48
2	E	341.000	343.000	1.061 MI W GF AFB EAST	JOINT	63	14	2020	95	-1.00	48
81	N	200.000	202.271	CO LN N TO TRUCK INSPECTION SITE	ASPHT	19	16	2021	87	0.10	48
29	N	168.000	174.000	FOREST RIVER N TO JCT 17	JOINT	25	25	1999	95	-1.00	48
32	N	130.732	136.000	JCT 45-SHARON N TO ANETA	ASPHT	16	16	2021	90	0.12	47
5	E	317.185	322.180	JCT 18 TO JCT 81 HAMILTON	ASPHT	74	15	2022	96	0.08	47
29	S	141.000	141.196	S US 2 N TO US 2	JOINT	30	14	2020	88	-1.00	46
15	E	89.872	106.836	APPROX.7 M. W OF JCT 32 E TO JCT 1	ASPHT	12	12	2022	96	0.07	45
15	E	107.000	114.902	1 MILE W OF NORTHWOOD E TO E JC	ASPHT	72	15	2022	95	0.07	43
2	E	295.468	300.000	.5 MILES E LAKOTA TO MAPES X-OVE	JOINT	40	6	2018	86	-1.00	43
81	N	196.000	200.000	RPT 196.000 N TO COUNTY LINE	ASPHT	19	16	2021	92	0.09	43
29	S	147.000	151.000	N OF N GF INTR N TO S MANVEL INT-	JOINT	31	12	2022	93	-1.00	43
29	N	119.000	129.000	N OF BUXTON_N TO S OF ND 15	JOINT	10	10	2014	94	-1.00	43
15	E	106.836	107.000	JCT 18_E TO 1 MILE W NORTHWOOD	ASPHT	12	12	2022	97	0.08	42
32	N	136.000	139.000	ANETA N 3 MI TO 1 MI S OF JCT 15	ASPHT	16	16	2021	91	0.11	42

## Grand Forks District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
29	S	119.000	129.000	N OF BUXTON N TO S OF ND 15	JOINT	11	11	2013	96	-1.00	40
2	W	346.000	349.000	APPROX 4 MI E GF AFB EAST	JOINT	35	13	2021	94	-1.00	40
29	S	138.146	141.000	32ND AVE N TO S US 2	JOINT	30	14	2020	92	-1.00	40
29	S	136.000	138.146	NEAR 32ND AVE N TO 32ND AVE	JOINT	30	14	2020	89	-1.00	40
29	S	155.000	161.000	CO. RD. 18 TO WALSH CO. LINE	JOINT	31	12	2022	93	-1.00	39
2	W	349.000	353.000	APPROX 4 MI W OF GF TO 69TH ST N	JOINT	35	13	2021	91	-1.00	39
2	W	337.000	341.000	NEAR ARVILLA E TO 1.2 MI W GF AFB	JOINT	35	13	2021	90	-1.00	36
29	S	151.000	152.337	S MANVEL INTR N TO MANVEL INTR-S	JOINT	31	12	2022	91	-1.00	36
29	S	152.337	155.000	MANVEL N TO N OF CO. RD. 18	JOINT	31	12	2022	93	-1.00	34
2	E	350.000	353.000	8 MI E GF AFB TO 69TH ST N	JOINT	33	14	2020	96	-1.00	33
2	W	343.000	346.000	E OF GF AFB EAST	JOINT	35	13	2021	88	-1.00	31
2	E	343.000	349.000	0.3 MI E GF AFB E 6.93 MI	JOINT	33	14	2020	97	-1.00	31
2	W	341.000	342.000	1.254 MI W GF AFB EAST	JOINT	35	13	2021	90	-1.00	30
2	E	349.000	350.000	6.93 MI E GF AFB EAST	JOINT	33	14	2020	98	-1.00	27

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTX	FIN WDTX	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	1	N		95.662	0.0000	99.000	0.6690	4.0052		24.0		7.0	7.0	32.0	24.0	150	585 2022	120	54	17	2023	FLEX	ASPHT	RSC	2	1970	2009	2020	F CHIP SEAL				
JCT 26 N TO COUNTY LINE																		2014	DIST 85	RIDE 3.57	PRPI	GOOD	IRI 80										
																		2015	DIST 85	RIDE 3.13	PRPI	GOOD	IRI 101										
																		2016	DIST 78	RIDE 2.96	PRPI	FAIR	IRI 109										
																		2017	DIST 82	RIDE 2.78	PRPI	FAIR	IRI 118										
																		2018	DIST 91	RIDE 2.60	PRPI	POOR	IRI 127										
																		2019	DIST 84	RIDE 2.69	PRPI	POOR	IRI 122										
																		2020	DIST 85	RIDE 2.38	PRPI	POOR	IRI 138										
																		2021	DIST 99	RIDE 4.31	PRPI	GOOD	IRI 47										
																		2022	DIST 96	RIDE 4.22	PRPI	GOOD	IRI 51										
																		2023	DIST 96	RIDE 4.18	PRPI	GOOD	IRI 52										

2012 PCN 17839 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
96	4.07	98	0.13	58.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
97	4.16	98	0.12	54.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
98	4.24	95	0.12	50.00	GOOD	N/A	N/A	0	0	3	1	0	0	0
99	4.26	94	0.12	49.00	GOOD	N/A	N/A	0	0	3	2	0	0	0
AVG	4.18	96	0.12	52.75	GOOD	N/A	N/A	0	0	2	1	0	0	0

16 OCCURS	LSHL WDTX (FT)	RDWY WDTX (FT)	RSHL WDTX (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)											
GRADE		32.0				1953	48				
5.0 AGGREGATE BASE		29.0				1955					
2.0 STABILIZED BASE		29.0				1955					
2.5 HOT BIT PAVEMENT		24.0		120-150		1955	69	20			
1.2 HOT BIT PAVEMENT		24.0		SC-3000		1970	81				
1.3 HOT BIT PAVEMENT		28.0		SC-3000		1970		20			
4.5 BITUMINOUS BASE	2.0		2.0	SC-3000		1970					
CONTRACT CHIP SEAL		24.0		MC-3000		1990	28				
INT CONT PATCH-1.5"		24.0		120-150		1994	53				
SAFETY PROJECT						1997			77	1	
FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2000	38		13525	1	
2.0 HOT BIT PAVEMENT		24.0		PG 58-28	29	2009	398	7	16804	1	
FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2012	126		17839	1	
-2.0 MILLING		26.3				2020			22590	1	
2.0 RAP-SUPERPAVE FAA 43		24.0		PG 58S28	SP	2020	559	7	22590	1	
FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	155		23830	1	

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D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	1	N		99.000	0.6690	104.000	0.0700	4.3973		24.0		7.0	7.0	32.0	24.0	150	565 2022	120	54	17	2023	FLEX	ASPHT	RSC	2	1970	2009	2020	F CHIP SEAL																				
CO LN N TO MUNICIPAL SEC HANNAFORD																		2014	DIST 87	RIDE 3.52	PRPI GOOD	IRI 82																											
2012 PCN 17839 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																		2015	DIST 87	RIDE 2.99	PRPI FAIR	IRI 108																											
																		2016	DIST 81	RIDE 2.89	PRPI FAIR	IRI 113																											
																		2017	DIST 83	RIDE 2.48	PRPI POOR	IRI 133																											
																		2018	DIST 85	RIDE 2.41	PRPI POOR	IRI 137																											
																		2019	DIST 85	RIDE 2.30	PRPI POOR	IRI 144																											
																		2020	DIST 83	RIDE 2.13	PRPI POOR	IRI 153																											
																		2021	DIST 99	RIDE 4.30	PRPI GOOD	IRI 47																											
																		2022	DIST 97	RIDE 4.16	PRPI GOOD	IRI 54																											
																		2023	DIST 97	RIDE 4.16	PRPI GOOD	IRI 54																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
100	4.17	97	0.12	54.00	GOOD	N/A	N/A	0	0	2	0	0	0
101	4.19	97	0.11	52.00	GOOD	N/A	N/A	0	0	2	0	0	0
102	4.16	97	0.12	54.00	GOOD	N/A	N/A	0	1	1	0	0	0
103	4.11	97	0.13	56.00	GOOD	N/A	N/A	0	0	2	0	0	0
AVG	4.16	97	0.12	54.00	GOOD	N/A	N/A	0	0	2	0	0	0

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		34.0				1953	66				
5.0	AGGREGATE BASE		31.0				1957					
2.0	STABILIZED BASE		30.0				1957					
2.5	HOT BIT PAVEMENT		24.0		120-150		1957	110	20			
1.2	HOT BIT PAVEMENT		24.0		SC-3000		1970					
1.3	HOT BIT PAVEMENT		28.0		SC-3000		1970		20			
4.5	BITUMINOUS BASE	3.0		3.0	SC-3000		1970					
	CONTRACT CHIP SEAL		24.0		MC-3000		1990	31				
	INT CONT PATCH-1.5"		24.0		120-150		1994	38				
	SAFETY PROJECT						1997			77	1	
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2000	42		13525	1	
2.0	HOT BIT PAVEMENT		24.0		PG 58-28	29	2009	437	7	16804	1	
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2012	139		17839	1	
-2.0	MILLING		26.3				2020			22590	1	
2.0	RAP-SUPERPAVE FAA 43		24.0		PG 58S28	SP	2020	615	7	22590	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	170		23830	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	1	N		104.000	0.0700	104.000	0.2026	0.1326	6.0	24.0	6.0	4.5	12.0	56.0	36.0	150	565 2022	120	15	15	2023	FLEX	ASPHT	RSC	2	2009	2020	2020	F CHIP SEAL																																																
MUNICIPAL SECTION HANNAFORD_(RURAL)																		2014	DIST 85	RIDE 3.00	PRPI	FAIR	IRI 107	2015	DIST 83	RIDE 3.12	PRPI	GOOD	IRI 102	2016	DIST 83	RIDE 2.71	PRPI	FAIR	IRI 121	2017	DIST 84	RIDE 2.94	PRPI	GOOD	IRI 110	2018	DIST 89	RIDE 2.49	PRPI	POOR	IRI 133	2019	DIST 84	RIDE 2.89	PRPI	FAIR	IRI 112	2020	DIST 89	RIDE 2.41	PRPI	POOR	IRI 137	2021	DIST 99	RIDE 3.88	PRPI	GOOD	IRI 66	2022	DIST 97	RIDE 3.91	PRPI	GOOD	IRI 65	2023	DIST 97	RIDE 3.84	PRPI	GOOD	IRI 68

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
104	3.84	97	0.14	68.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
AVG	3.84	97	0.14	68.00	GOOD	N/A	N/A	0	0	2	0	0	0	0

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	SALVAGED AGGR BASE		56.0				2009			12153	1	
4.5	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-34	29	2009	20		12153	1	
4.0	SALVAGED AGGR BASE	4.0		4.0			2009			12153	1	
	FEDERAL AID CHIP SEAL		28.0		CRS-2	41	2012	4		17839	1	
-2.0	MILLING		28.0				2020			22590	1	
2.0	RAP-SUPERPAVE FAA 43		28.0		PG 58S28	SP	2020	19	7	22590	1	
	FEDERAL AID CHIP SEAL		28.0		CRS2P	11	2023	5		23830	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
6	1	N	104.000	0.2026	104.000	0.5690	0.3664	14.0	24.0	14.0	4.5	12.0	60.0	52.0	150	565	198	15	15	2023	FLEX	ASPHT	RSC	2	2009	2020	2020	F	CHIP SEAL																			
MUNICIPAL SECTION HANNAFORD (RURAL)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						

2009 PCN 12153 - RAILROAD OVERPASS BRIDGE REPLACEMENT.  
2009 PCN 12153 - GUARDRAIL INSTALLED ALMOST ENTIRE LENGTH OF THIS SEGMENT. LOCATION OF GUARDRAIL VARIES IN DISTANCE FROM CENTERLINE.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		60.0				2009			12153	1	
	12.0	SALVAGED AGGR BASE		54.0				2009			12153	1	
	4.5	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-34	29	2009	20		12153	1	
	2.0	SALVAGED AGGR BASE	12.0		12.0			2009			12153	1	
	2.0	HOT BIT PAVEMENT	12.0		12.0	PG 58-34	29	2009			12153	1	
	-2.0	FEDERAL AID CHIP SEAL		28.0		CRS-2	41	2012	12		17839	1	
	-2.0	MILLING		28.0				2020			22590	1	
	2.0	RAP-SUPERPAVE FAA 43		28.0		PG 58S28	SP	2020	51	7	22590	1	
		FEDERAL AID CHIP SEAL		28.0		CRS2P	11	2023	14		23830	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
6	1	N		104.000	0.5690	104.000	0.7890	0.2200	13.5	24.0	13.5	4.5	12.0	53.0	51.0	178	626 2022	334	15	15	2023	FLEX	ASPHT	RSC	2	2009	2020	2020	F CHIP SEAL						
MUNICIPAL SECTION AT HANNAFORD																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RUT BC	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	GRADE		51.0				2009			16333	1	
12.0	SALVAGED AGGR BASE		51.0				2009			16333	1	
4.5	HOT BIT PAVEMENT		48.0		PG 58-34	29	2009	20		16333	1	
	CURB & GUTTER FACE-FACE		48.0				2009			16333	1	
	FEDERAL AID CHIP SEAL		48.0		CRS-2	41	2012	7		17839	1	
-2.0	MILLING		48.0				2020			22590	1	
2.0	RAP-SUPERPAVE FAA 43		48.0		PG 58S28	SP	2020	31	7	22590	1	
	FEDERAL AID CHIP SEAL		48.0		CRS2P	11	2023	9		23830	1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																							
6	1	N	104.000	0.7890	113.714	0.0000	8.9235		24.0			7.0	7.0	32.0	24.0	235	738 2022	204	54	17	2023	FLEX	ASPHT	RSC	2	1970	2009	2020	F CHIP SEAL																							
MUNICIPAL SEC HANNAFORD TO JCT 200																		2014	DIST 85	RIDE 3.63	PRPI	GOOD	IRI 78																													
																		2015	DIST 88	RIDE 3.30	PRPI	FAIR	IRI 93	1,600 TONS HBP (PAVER LAID) USED BY MAINTENANCE FORCES FOR PATCHING IN 1992.																												
																		2016	DIST 85	RIDE 3.30	PRPI	GOOD	IRI 93	2012 PCN 17839 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																												
																		2017	DIST 90	RIDE 2.98	PRPI	FAIR	IRI 108																													
																		2018	DIST 92	RIDE 2.89	PRPI	FAIR	IRI 113																													
																		2019	DIST 91	RIDE 2.83	PRPI	POOR	IRI 115																													
																		2020	DIST 90	RIDE 2.62	PRPI	POOR	IRI 126																													
																		2021	DIST 99	RIDE 4.16	PRPI	GOOD	IRI 53																													
																		2022	DIST 96	RIDE 3.95	PRPI	GOOD	IRI 63																													
																		2023	DIST 96	RIDE 3.96	PRPI	GOOD	IRI 62																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) AVG RIDE	DISTRESS & RUT									
								BLD	LC	TC	BC	RW	BP	RT			
105	4.07	97	0.13	58.00	GOOD	N/A	N/A	0	0	0	2	0	0	0			
106	4.06	93	0.12	58.00	GOOD	N/A	N/A	0	0	4	2	0	0	0			
107	4.12	95	0.13	56.00	GOOD	N/A	N/A	3	0	0	1	0	0	0			
108	4.15	97	0.11	55.00	GOOD	N/A	N/A	0	0	0	2	0	0	0			
109	3.94	93	0.13	63.00	GOOD	N/A	N/A	0	0	4	2	0	0	0			
110	4.02	98	0.13	60.00	GOOD	N/A	N/A	0	0	0	1	0	0	0			
111	3.77	97	0.14	72.00	GOOD	N/A	N/A	0	0	0	2	0	0	0			
112	3.91	93	0.13	65.00	GOOD	N/A	N/A	0	0	4	2	0	0	0			
113	3.60	97	0.14	79.00	GOOD	N/A	N/A	0	0	0	2	0	0	0			
AVG	3.96	96	0.13	62.89	GOOD	N/A	N/A	0	0	1	2	0	0	0			

15 OCCURS														
DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H		
	GRADE		34.0				1953	125						
5.0	AGGREGATE BASE		31.0				1957							
2.0	STABILIZED BASE		30.0				1957							
2.5	HOT BIT PAVEMENT		24.0		120-150		1957	210	20					
2.5	HOT BIT PAVEMENT		24.0		SC-3000		1970	215	20					
4.5	BITUMINOUS BASE	3.0	24.0	3.0	SC-3000		1970							
	CONTRACT CHIP SEAL		24.0		MC-3000		1990	63						
	INT CONT PATCH-1.5"		24.0		120-150		1994	159						
	SAFETY PROJECT						1997			77	1			
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2000	83		13525	1			
2.0	HOT BIT PAVEMENT		24.0		PG 58-28	29	2009	887	7	16804	1			
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2012	281		17839	1			
-2.0	MILLING		26.3				2020			22590	1			
2.0	RAP-SUPERPAVE FAA 43		24.0		PG 58S28	SP	2020	1248	7	22590	1			
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	345		23830	1			

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
6	1	N		113.714	0.0000	119.821	0.0000	6.1065	6.0	24.0	6.0	8.0	7.0	44.0	36.0	310	940 2022	270	30	17	2023	FLEX	ASPHT	RSC	1	1994	2007	2020	F CHIP SEAL							
E JCT 200 TO W JCT 200-COOPERSTOWN																		2014	DIST	80	RIDE	3.70	PRPI	GOOD	IRI	74										
																		2015	DIST	80	RIDE	3.39	PRPI	GOOD	IRI	88										
																		2016	DIST	79	RIDE	3.32	PRPI	GOOD	IRI	92										
																		2017	DIST	79	RIDE	3.24	PRPI	GOOD	IRI	95										
																		2018	DIST	87	RIDE	3.15	PRPI	FAIR	IRI	100										
																		2019	DIST	87	RIDE	3.22	PRPI	GOOD	IRI	96										
																		2020	DIST	98	RIDE	4.01	PRPI	GOOD	IRI	60										
																		2021	DIST	99	RIDE	3.94	PRPI	GOOD	IRI	63										
																		2022	DIST	92	RIDE	3.83	PRPI	GOOD	IRI	68										
																		2023	DIST	92	RIDE	3.59	PRPI	GOOD	IRI	79										

2010 PCN 17673 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
114	3.65	90	0.14	77.00	GOOD	N/A	N/A	3	0	4	2	0	0
115	3.66	92	0.12	77.00	GOOD	N/A	N/A	3	0	2	2	0	0
116	3.51	96	0.13	83.00	GOOD	N/A	N/A	0	0	1	2	0	0
117	3.78	91	0.12	71.00	GOOD	N/A	N/A	3	0	4	1	0	0
118	3.55	90	0.13	82.00	GOOD	N/A	N/A	3	0	4	2	0	0
119	3.40	93	0.13	89.00	GOOD	N/A	N/A	3	0	0	3	0	0
AVG	3.59	92	0.13	79.83	GOOD	N/A	N/A	3	0	3	2	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1962	84				
3.5	AGGREGATE BASE		42.0				1962					
3.5	EMULSIFIED BASE		40.0		SS-1		1962	120				
1.5	HOT BIT PAVEMENT		41.0		120-150		1967					
1.5	HOT BIT PAVEMENT		24.0		120-150		1967	114	20			
3.5	HOT BIT PAVEMENT		36.0		120-150		1994	695	20			
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	1997	61		1366	1	
1.5	HOT BIT PAVEMENT	6.0	24.0	6.0	PG 58-28	29	2007	611	7	16318	1	
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2010	174		17673	1	
-2.0	MILLING		24.0				2020			22344	1	
2.0	RAP-SUPERPAVE FAA 43		24.0		PG 58S28	SP	2020	848	7	22344	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	236		23830	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	1	N		119.821	0.0000	128.493	0.0000	8.6682		24.0		5.0	7.0	32.0	24.0	110	343 2022	99	66	22	2018	FLEX	ASPHT	RCR	2	1958	2003	2015	F CHIP SEAL																																																
W JCT 200 N TO JCT ND 65																		2014	DIST 79	RIDE 2.22	PRPI	POOR	IRI 148	2015	DIST 81	RIDE 2.28	PRPI	POOR	IRI 145	2016	DIST 86	RIDE 3.80	PRPI	GOOD	IRI 70	2017	DIST 84	RIDE 3.78	PRPI	GOOD	IRI 70	2018	DIST 93	RIDE 3.38	PRPI	GOOD	IRI 89	2019	DIST 95	RIDE 3.50	PRPI	GOOD	IRI 83	2020	DIST 93	RIDE 3.08	PRPI	FAIR	IRI 103	2021	DIST 93	RIDE 3.09	PRPI	GOOD	IRI 103	2022	DIST 91	RIDE 2.69	PRPI	POOR	IRI 122	2023	DIST 91	RIDE 2.97	PRPI	GOOD	IRI 108

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT BP	RT		
120	2.87	87	0.12	113.00	POOR	N/A	N/A	3	0	3	4	0	0	2	0
121	2.64	92	0.11	125.00	POOR	N/A	N/A	3	0	1	3	0	0	0	0
122	3.12	92	0.10	101.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
123	2.95	88	0.11	109.00	POOR	N/A	N/A	3	0	4	4	0	0	0	0
124	3.19	92	0.08	98.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
125	2.71	92	0.13	122.00	POOR	N/A	N/A	3	0	1	3	0	0	0	0
126	3.02	93	0.13	107.00	POOR	N/A	N/A	0	0	1	3	0	0	2	0
127	2.94	93	0.11	110.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
128	3.31	92	0.12	92.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
AVG	2.97	91	0.11	108.56	GOOD	N/A	N/A	3	0	1	3	0	0	0	0

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	COST THOUS	DSN LFE	PCN	SUB	H
GRADE	32.0					1951				
5.0 AGGREGATE BASE		29.0				1958				
2.0 STABILIZED BASE		28.0				1958				
2.5 HOT BIT PAVEMENT		24.0		120-150		1958	164	20		
CONTRACT CHIP SEAL		24.0		AE-150S		1987	47			
1.5 HOT BIT PAVEMENT		24.0		PG 58-28	27	2003	450	7	15371	1
-1.0 MILLING		24.0				2015			18938	1
2.0 HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2015	1197	7	18938	1
FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2018	231		22115	1

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D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
6	1	N		162.802	0.0000	168.000	0.5080	5.7106	2.0	24.0	2.0	7.5	7.0	37.0	28.0	220	856 2022	194	13	13	2023	FLEX	ASPHT	RCR	2	2011	2020	2020	F CHIP SEAL																			
JCT 2-LAKOTA-N TO GRADE RAISE																		2014	DIST	87	RIDE	3.19	PRPI	FAIR	IRI	98																						
																		2015	DIST	88	RIDE	2.70	PRPI	POOR	IRI	123																						
																		2016	DIST	93	RIDE	2.56	PRPI	POOR	IRI	129																						
																		2017	DIST	83	RIDE	2.29	PRPI	POOR	IRI	146																						
																		2018	DIST	87	RIDE	2.02	PRPI	POOR	IRI	160																						
																		2019	DIST	84	RIDE	2.18	PRPI	POOR	IRI	151																						
																		2020	DIST	80	RIDE	1.85	PRPI	POOR	IRI	170																						
																		2021	DIST	99	RIDE	4.30	PRPI	GOOD	IRI	48																						
																		2022	DIST	97	RIDE	4.09	PRPI	GOOD	IRI	56																						
																		2023	DIST	97	RIDE	3.87	PRPI	GOOD	IRI	67																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	BC	RW	BP	RT
163	4.06	97	0.13	58.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
164	3.97	97	0.13	63.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
165	3.88	97	0.14	66.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
166	3.53	98	0.15	83.00	GOOD	N/A	N/A	0	0	1	0	0	0	0
167	3.87	97	0.12	67.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
168	3.89	96	0.12	66.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
AVG	3.87	97	0.13	67.17	GOOD	N/A	N/A	0	0	2	0	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1948	62				
5.0	AGGREGATE BASE		29.0				1951					
2.0	STABILIZED BASE		28.0				1951					
2.5	HOT BIT PAVEMENT		22.0		150-200		1951	107	20			
2.0	HOT BIT PAVEMENT		24.0		200-300		1972	110	20			
	CONTRACT CHIP SEAL		26.0		MC-3000		1990	49				
	DRIVE SLOPE FLATTENING						1994					
2.0	HBP-SUPERPAVE-FAA 42		28.0		PG 58-28	SP	2011	1782	20	17831		1
	CONTRACT CHIP SEAL		28.0		CRS2P	41	2014	166		18948		1
-1.0	MILLING		28.0				2020			22591		1
2.0	RAP-SUPERPAVE FAA 43		28.0		PG 58S28	SP	2020	1006	7	22591		1
	FEDERAL AID CHIP SEAL		28.0		CRS2P	11	2023	230		23829		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																										
6	1	N		168.000	0.5080	169.000	0.7271	1.2208	5.5	24.0	5.5	7.0	15.0	50.0	34.9	220	850 2022	194	13	13	2023	FLEX	ASPHT	RCR	2	2011	2020	2020	F CHIP SEAL																																																										
GRADE RAISE																		2014	DIST 92	RIDE 3.67	PRPI	GOOD	IRI	76	2015	DIST 92	RIDE 3.45	PRPI	GOOD	IRI	86	2016	DIST 92	RIDE 3.38	PRPI	GOOD	IRI	89	2017	DIST 88	RIDE 3.15	PRPI	GOOD	IRI	100	2018	DIST 98	RIDE 3.16	PRPI	GOOD	IRI	100	2019	DIST 87	RIDE 2.94	PRPI	FAIR	IRI	110	2020	DIST 86	RIDE 2.78	PRPI	POOR	IRI	118	2021	DIST 99	RIDE 4.22	PRPI	GOOD	IRI	51	2022	DIST 97	RIDE 4.20	PRPI	GOOD	IRI	52	2023	DIST 97	RIDE 3.93	PRPI	GOOD	IRI	64

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
169	3.93	97	0.10	64.00	GOOD	N/A	N/A	0	0	0	2	0	0	0
AVG	3.93	97	0.10	64.00	GOOD	N/A	N/A	0	0	0	2	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE RAISE		50.0				2006			16411	1	
	GRADE		50.0				2006			16411	1	
15.0	AGGREGATE BASE		38.0			05	2006			16411	1	
4.0	HOT BIT PAVEMENT RIPRAP	6.0	24.0	6.0	PG 58-28	27	2006	1262	20	16411	1	
2.0	HBP-SUPERPAVE-FAA 42 CONTRACT CHIP SEAL	6.0	24.0	6.0	PG 58-28 CRS2P	41	2014	35	20	17831	1	
-1.0	MILLING		36.5				2020			22591	1	
2.0	RAP-SUPERPAVE FAA 43 FEDERAL AID CHIP SEAL	5.4	24.0	5.4	PG 58S28 CRS2P	11	2023	215	7	22591	1	
			28.0					49		23829	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	1	N		169.000	0.7271	173.000	0.8330	4.1033	2.0	24.0	2.0	7.5	7.0	37.0	28.0	213	762 2022	185	13	13	2023	FLEX	ASPHT	RCR	2	2011	2020	2020	F CHIP SEAL
GRADE RAISE N TO COUNTY LINE																		2014	DIST 89	RIDE 3.15	PRPI	FAIR	IRI 100						
																		2015	DIST 90	RIDE 2.82	PRPI	POOR	IRI 116						
																		2016	DIST 92	RIDE 2.67	PRPI	POOR	IRI 124						
																		2017	DIST 82	RIDE 2.50	PRPI	POOR	IRI 132						
																		2018	DIST 90	RIDE 2.58	PRPI	FAIR	IRI 128						
																		2019	DIST 85	RIDE 2.16	PRPI	POOR	IRI 151						
																		2020	DIST 84	RIDE 2.00	PRPI	POOR	IRI 159						
																		2021	DIST 99	RIDE 4.35	PRPI	GOOD	IRI 45						
																		2022	DIST 97	RIDE 4.08	PRPI	GOOD	IRI 57						
																		2023	DIST 97	RIDE 3.95	PRPI	GOOD	IRI 63						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
170	3.97	97	0.12	63.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
171	3.98	97	0.10	62.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
172	3.87	96	0.11	67.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
173	3.96	96	0.11	63.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
AVG	3.95	97	0.11	63.75	GOOD	N/A	N/A	0	0	3	0	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		32.0				1948	45				
2.0	STABILIZED BASE		29.0				1951					
2.5	HOT BIT PAVEMENT		28.0				1951					
2.0	HOT BIT PAVEMENT		22.0		150-200		1951	77	20			
	CONTRACT CHIP SEAL		24.0		200-300		1972	79	20			
	DRIVE SLOPE FLATTENING		26.0		MC-3000		1990	35				
2.0	HBP-SUPERPAVE-FAA 42		28.0		PG 58-28	SP	2011	1281	20	17831		1
	CONTRACT CHIP SEAL		28.0		CRS2P	41	2014	119		18948		1
-1.0	MILLING		28.4				2020			22591		1
2.0	RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG 58S28	SP	2020	723	7	22591		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	165		23829		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	1	N		173.000	0.8330	181.000	0.5810	7.7471	2.0	24.0	2.0	7.5	7.0	37.0	28.0	110	459 2023	69	13	13	2023	FLEX	ASPHT	RCR	2	2011	2020	2020	F CHIP SEAL				
CO LN N TO LAWTON																		2014	DIST 91	RIDE 2.96	PRPI	FAIR	IRI 109										
																		2015	DIST 90	RIDE 2.76	PRPI	POOR	IRI 119										
																		2016	DIST 91	RIDE 2.46	PRPI	POOR	IRI 134										
																		2017	DIST 85	RIDE 2.49	PRPI	POOR	IRI 133										
																		2018	DIST 88	RIDE 2.09	PRPI	POOR	IRI 154										
																		2019	DIST 89	RIDE 2.34	PRPI	POOR	IRI 141										
																		2020	DIST 80	RIDE 1.91	PRPI	POOR	IRI 165										
																		2021	DIST 98	RIDE 4.18	PRPI	GOOD	IRI 53										
																		2022	DIST 93	RIDE 3.94	PRPI	GOOD	IRI 63										
																		2023	DIST 93	RIDE 3.86	PRPI	GOOD	IRI 67										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)		AVERAGE RIDE, DISTRESS & RUT												
PT						FLT	FLT AC	BLD	LC	TC	BC	RW	BP	RT						
174	4.20	92	0.09	52.00	GOOD	N/A	N/A	3	0	1	3	0	0	0						
175	3.88	93	0.10	67.00	GOOD	N/A	N/A	3	0	1	2	0	0	0						
176	3.81	92	0.10	70.00	GOOD	N/A	N/A	3	0	1	3	0	0	0						
177	3.91	96	0.10	65.00	GOOD	N/A	N/A	0	0	1	2	0	0	0						
178	3.90	94	0.09	66.00	GOOD	N/A	N/A	3	0	0	2	0	0	0						
179	3.73	94	0.10	73.00	GOOD	N/A	N/A	3	0	0	2	0	0	0						
180	3.59	93	0.12	80.00	GOOD	N/A	N/A	3	0	0	3	0	0	0						
181	3.84	92	0.09	68.00	GOOD	N/A	N/A	3	0	0	2	0	0	2						
AVG	3.86	93	0.10	67.63	GOOD	N/A	N/A	3	0	1	2	0	0	0						

13 OCCURS		LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)	COMPONENTS	(FT)	(FT)	(FT)								
	GRADE		32.0				1949	74				
5.0	AGGREGATE BASE		29.0				1952					
2.0	STABILIZED BASE		28.0				1952					
2.5	HOT BIT PAVEMENT		24.0		150-200		1952	145	20			
2.0	HOT BIT PAVEMENT		24.0		200-300		1972	147	20			
	CONTRACT CHIP SEAL		24.0		MC-3000		1987	49				
	DRIVE SLOPE FLATTENING						1994					
	CONTRACT CHIP SEAL	2.0	24.0	2.0	HFMS-2	42	1998	51		12039		1
2.0	HBP-SUPERPAVE-FAA		28.0		PG 58-28	SP	2011	2418	20	17831		1
	CONTRACT CHIP SEAL		28.0		CRS2P	41	2014	225		18948		1
-1.0	MILLING		28.4				2020			22591		1
2.0	RAP-SUPERPAVE FAA	43	24.0	2.0	PG 58S28	SP	2020	1364	7	22591		1
	FEDERAL AID CHIP SEAL		28.0		CRS2P	11	2023	311		23829		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
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ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	1	N		181.000	0.5810	189.521	0.0000	7.9424	1.7	24.0	1.5	7.5	7.0	32.0	27.2	90	380 2023	66	12	12		FLEX	ASPHT	RCR	2	2012	2022	2022	RAP-FAA 43																																																
LAWTON N TO JCT 17 EDMORE																		2014	DIST 93	RIDE 3.56	PRPI	GOOD	IRI 81	2015	DIST 90	RIDE 3.35	PRPI	GOOD	IRI 90	2016	DIST 93	RIDE 3.13	PRPI	FAIR	IRI 101	2017	DIST 84	RIDE 3.02	PRPI	FAIR	IRI 106	2018	DIST 91	RIDE 2.72	PRPI	FAIR	IRI 121	2019	DIST 88	RIDE 2.76	PRPI	FAIR	IRI 119	2020	DIST 87	RIDE 2.57	PRPI	POOR	IRI 128	2021	DIST 87	RIDE 2.32	PRPI	POOR	IRI 142	2022	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A	2023	DIST 97	RIDE 4.16	PRPI	GOOD	IRI 54

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																								
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																					
182	4.16	97	0.10	54.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183	3.94	96	0.12	64.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184	4.17	97	0.11	53.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	4.22	97	0.09	51.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	4.16	97	0.10	54.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	4.19	96	0.10	52.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188	4.22	97	0.10	51.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	4.18	97	0.09	53.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	4.16	97	0.10	54.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

15 OCCURS														
DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H		
	GRADE		32.0				1949	76						
5.0	AGGREGATE BASE		29.0				1952							
2.0	STABILIZED BASE		28.0				1952							
2.5	HOT BIT PAVEMENT		24.0		150-200		1952	149	20					
2.0	HOT BIT PAVEMENT		24.0		200-300		1972	151	20					
	CONTRACT CHIP SEAL		24.0		MC-3000		1987	51						
	DRIVE SLOPE FLATTENING						1994							
	CONTRACT CHIP SEAL	2.0	24.0	2.0	HFMS-2	42	1998	53		12039		1		
	WIDENING	3.5		3.5			2012			18280		1		
9.5	SALVAGED AGGR BASE	3.5		3.5			2012			18280		1		
2.0	HBP-SUPERPAVE-FAA 42	2.0		2.0	PG 58-28	SP	2012			18280		1		
2.0	HBP-SUPERPAVE-FAA 42		28.0		PG 58-28	SP	2012	2547	20	18280		1		
	CONTRACT CHIP SEAL		28.0		CRS2P	41	2014	230		18948		1		
-1.0	MILLING		28.7				2022			22592		1		
2.0	RAP-SUPERPAVE FAA 43	1.7	24.0	1.5	PG58S-34	SP	2022	1707	7	22592		1		



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	1	N		189.521	0.0000	198.000	0.5270	9.0151	1.7	24.0	1.5	7.0	7.0	32.0	27.2	180	500 2022	149	12	12		FLEX	ASPHT	RCR	2	2012	2022	2022	RAP-FAA 43				
JCT 17-EDMORE-N TO CAVALIER CO LN																		2014	DIST	92	RIDE	3.76	PRPI	GOOD	IRI	71							
																		2015	DIST	91	RIDE	3.33	PRPI	GOOD	IRI	91							
																		2016	DIST	92	RIDE	3.40	PRPI	GOOD	IRI	88							
																		2017	DIST	87	RIDE	3.02	PRPI	GOOD	IRI	106							
																		2018	DIST	91	RIDE	3.05	PRPI	GOOD	IRI	105							
																		2019	DIST	88	RIDE	2.82	PRPI	GOOD	IRI	116							
																		2020	DIST	86	RIDE	2.84	PRPI	POOR	IRI	115							
																		2021	DIST	86	RIDE	2.44	PRPI	POOR	IRI	135							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	96	RIDE	4.24	PRPI	GOOD	IRI	50							

2005 PCN 16220 - SEALED SHOULDERS WITH HFMS-2 OIL ONLY.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
190	4.18	96	0.09	53.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
191	4.34	97	0.10	46.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
192	4.20	97	0.10	52.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
193	4.24	97	0.09	51.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
194	4.21	96	0.11	51.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
195	4.28	94	0.10	48.00	GOOD	N/A	N/A	3	0	2	0	0	0	0
196	4.18	96	0.10	53.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
197	4.35	95	0.10	46.00	GOOD	N/A	N/A	0	0	4	0	0	0	0
198	4.22	96	0.10	51.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
AVG	4.24	96	0.10	50.11	GOOD	N/A	N/A	0	0	3	0	0	0	0

15 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		32.0				1949	94				
		5.0 AGGREGATE BASE		29.0				1955					
		2.0 STABILIZED BASE		28.0				1955					
		2.5 HOT BIT PAVEMENT		22.0		120-150		1955	133	20			
		1.5 HOT BIT PAVEMENT		24.0		200-300		1972	148	20			
		CONTRACT CHIP SEAL		24.0		MC-3000		1987	58				
		CONTRACT CHIP SEAL		24.0		HFMS-2	42	1997	72		1462	1	
		CONTRACT CHIP SEAL		24.0		HFMS-2	43	2005	118		16220	1	
		WIDENING	3.5		3.5			2012			18280	1	
		9.5 SALVAGED AGGR BASE	3.5		3.5			2012			18280	1	
		2.0 HBP-SUPERPAVE-FAA 42	2.0		2.0	PG 58-28	SP	2012			18280	1	
		2.0 HBP-SUPERPAVE-FAA 42		28.0		PG 58-28	SP	2012	2892	20	18280	1	
		CONTRACT CHIP SEAL		28.0		CRS2P	41	2014	261		18948	1	
		-1.0 MILLING		28.7				2022			22592	1	
		2.0 RAP-SUPERPAVE FAA 43	1.7	24.0	1.5	PG58S-34	SP	2022	1938	7	22592	1	

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 FOR GRAND FORKS DISTRICT

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	1	N		198.000	0.5270	200.000	0.5260	1.9897	1.2	24.0	0.9	6.5	12.0	32.0	26.1	190	655 2022	158	12	12		FLEX	ASPHT	RCR	2	2012	2022	2022	RAP-FAA 43				
CAVALIER CO LN N TO NEKOMA SPUR																		2014	DIST 83	RIDE 3.91	PRPI	GOOD	IRI 65										
																		2015	DIST 84	RIDE 3.49	PRPI	GOOD	IRI 84										
																		2016	DIST 89	RIDE 3.58	PRPI	GOOD	IRI 80										
																		2017	DIST 84	RIDE 3.13	PRPI	GOOD	IRI 101										
																		2018	DIST 87	RIDE 3.27	PRPI	GOOD	IRI 94										
																		2019	DIST 86	RIDE 3.17	PRPI	GOOD	IRI 99										
																		2020	DIST 86	RIDE 3.05	PRPI	GOOD	IRI 105										
																		2021	DIST 81	RIDE 2.83	PRPI	GOOD	IRI 116										
																		2022	DIST 80	RIDE 2.36	PRPI	POOR	IRI 140										
																		2023	DIST 94	RIDE 3.91	PRPI	GOOD	IRI 65										

2005 PCN 16220 - SEALED SHOULDERS WITH HFMS-2 OIL ONLY.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
199	4.26	96	0.10	50.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
200	3.55	91	0.10	81.00	GOOD	N/A	N/A	3	0	5	0	0	0	0
AVG	3.91	94	0.10	65.50	GOOD	N/A	N/A	2	0	4	0	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	BLENDED BASE		32.0				1950	37				
4.5	HOT BIT PAVEMENT		33.0				1993					
4.5	HOT BIT PAVEMENT		24.0		120-150		1993	466	20			
4.5	HOT BIT PAVEMENT	3.0	3.0		120-150		1993					
	CONTRACT CHIP SEAL		24.0		HFMS-2	42	1997	50		1370		1
	CONTRACT CHIP SEAL		24.0		HFMS-2	43	2005	26		16220		1
2.0	HBP-SUPERPAVE-FAA		26.0		PG 58-28	SP	2012	638	20	18999		1
	CONTRACT CHIP SEAL		26.0		CRS2P	41	2014	58		18948		1
-2.0	MILLING		27.6				2022			22592		1
2.0	RAP-SUPERPAVE FAA	1.2	24.0	.9	PG58S-34	SP	2022	427	7	22592		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	E		295.468	0.0030	295.468	0.4808	0.4778	2.0	24.0	6.0	15.0	8.0	48.0	32.0	350	1830	290	6	6		COMPO	PCCOA	RIC	1	2018	2018	2018	PCC	JOINTED			
LAKOTA E .5 MILES																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

SECTION PERFORMING GOOD-SOME FAULTING.  
2007 PCN 16897 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE DC	RIDE LJS	DISTRESS LC	& RUT TC	BP	CP	BU
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

18 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		48.0				1981	1277			1	
C-C 84 FEET						1981				1	
2.5 AGGREGATE BASE	3.0		7.0			1982				1	
8.0 AGGREGATE BASE		37.0				1983	483			1	
3.5 HOT BIT PAVEMENT		27.0		120-150	27	1983	1018	20		1	
2.5 BITUMINOUS BASE	3.0		7.0			1987		5		1	
3.5 HOT BIT PAVEMENT		27.0		85-100	27	1987	1492			1	
CONTRACT CHIP SEAL		27.0		HFMS-2	43	1990	107			1	
CONTRACT CHIP SEAL		30.0		HFMS-2	43	1998	122		12038	1	
1.5 HOT BIT PAVEMENT		24.0		PG 58-28	31	2004	75	7	15631	1	
SLURRY SEAL		24.0			SS	2007	10		16897	1	
1.5 HBP-SUPERPAVE-FAA 43		34.0		PG 58-28	SP	2011		10	19246	1	
-4.0 MILLING		33.0				2014			18949	1	
5.0 HBP-SUPERPAVE-FAA 45	2.0	24.0		PG 58-28	SP	2014	103	20	18949	1	
-3.0 MILLING		34.0				2018	244		21341	1	
7.0 NON-REINF PCC		27.0		AE		2018		20	21341	1	
DOWELED						2018			21341	1	
7.0 RECYCLED HOT BIT PAVMNT	2.0		6.0	PG 58-28		2018			21341	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	E		295.468	0.4808	300.000	0.9690	5.0278	3.0	24.0	10.0	8.0	2.0	48.0	37.0	346	1729 2021	290	40	6		CONCR	JOINT	RIC	1	1984	2004	2018	CPR/GRINDING
.5 MILES E LAKOTA TO MAPES X-OVER																		2014	DIST	82	RIDE	3.62	PRPI	GOOD	IRI	78			
																		2015	DIST	81	RIDE	3.71	PRPI	GOOD	IRI	73			
																		2016	DIST	80	RIDE	3.75	PRPI	GOOD	IRI	72			
																		2017	DIST	80	RIDE	3.37	PRPI	FAIR	IRI	90			
																		2018	DIST	86	RIDE	3.94	PRPI	GOOD	IRI	64			
																		2019	DIST	90	RIDE	4.55	PRPI	GOOD	IRI	36			
																		2020	DIST	89	RIDE	4.52	PRPI	GOOD	IRI	37			
																		2021	DIST	87	RIDE	4.52	PRPI	GOOD	IRI	37			
																		2022	DIST	89	RIDE	4.48	PRPI	GOOD	IRI	39			
																		2023	DIST	86	RIDE	4.41	PRPI	GOOD	IRI	43			

SECTION PERFORMING GOOD-SOME FAULTING.  
PCN 14923 - 2004 - RUMBLE STRIPS

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)		AVERAGE RIDE, DISTRESS & RUT																			
FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP																	
296	4.44	87	N/A	42.00	GOOD	0.08	74	0	0	0	3	2	3	2	0	1	1										
297	4.42	85	N/A	43.00	GOOD	0.08	57	0	0	0	3	4	3	2	0	1	1										
298	4.32	88	N/A	47.00	GOOD	0.07	73	0	0	1	2	0	4	2	0	1	1										
299	4.52	86	N/A	38.00	GOOD	0.07	79	0	0	0	4	0	4	3	0	1	1										
300	4.36	82	N/A	45.00	GOOD	0.10	114	0	0	0	2	3	3	7	0	1	1										
AVG	4.41	86	N/A	43.00	GOOD	0.08	79	0	0	0	3	2	3	3	0	1	1										

10 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS											
GRADE		48.0				1983	618				
2.0 AGGREGATE BASE		27.0				1984					
8.0 NON-REINF PCC		27.0				1984	1278	20			
C-C 84 FEET						1984					
GRINDING		18.0				2004		20	14923	1	
CPR/DOWEL BAR RETROFIT		18.0			01	2004	577	20	14923	1	
CONCRETE PAVEMENT REPAIR					S3	2004			14923	1	
STITCHING CONC. CNTRLINE						2004			14923	1	
CONCRETE PAVEMENT REPAIR		24.0				2018	2569	20	21346	1	
GRINDING		13.0	1.0			2018			21346	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB														
6	2	E		300.000	0.9690	304.000	0.8560	3.8979	3.0	24.0	6.0	9.5	5.5	50.0	36.0	355	1925 2021	298	6	6		COMPO	PCCOA	RIC	1	2018	2018	2018	PCC	JOINTED													
MAPES X-OVER TO MICHIGAN X-OVER																		2014	DIST	87	RIDE	3.63	PRPI	GOOD	IRI	77																	
																		2015	DIST	80	RIDE	3.40	PRPI	GOOD	IRI	88																	
																		2016	DIST	76	RIDE	3.14	PRPI	GOOD	IRI	100																	
																		2017	DIST	75	RIDE	3.07	PRPI	FAIR	IRI	104																	
																		2018	DIST	97	RIDE	3.71	PRPI	GOOD	IRI	74																	
																		2019	DIST	95	RIDE	4.24	PRPI	GOOD	IRI	50																	
																		2020	DIST	96	RIDE	4.22	PRPI	GOOD	IRI	51																	
																		2021	DIST	94	RIDE	4.20	PRPI	GOOD	IRI	52																	
																		2022	DIST	92	RIDE	4.13	PRPI	GOOD	IRI	55																	
																		2023	DIST	94	RIDE	4.05	PRPI	GOOD	IRI	58																	

2013 PCN 19724 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI	IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT									
AVG	N/A	NA	N/A	N/A	N/A	N/A	FLT	FLT	DC	LJS	LC	TC	TCS	BP	CP	BU
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT										THESE REF POINTS	HAVE THE INCORRECT	PAVEMENT TYPE								
AVG	N/A	NA	N/A	N/A	N/A	FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT	TYPE
301	3.99	93	N/A	61.00	GOOD	0.07	55	NA	NA	1	1	NA	NA	0	NA	0	0	0	2	2	0	0	NA	NA	CONCR	
302	3.97	91	N/A	62.00	GOOD	0.07	63	NA	NA	2	1	NA	NA	0	NA	0	0	0	3	2	0	0	NA	NA	CONCR	
303	4.02	95	N/A	60.00	GOOD	0.07	47	NA	NA	0	1	NA	NA	0	NA	0	0	0	1	2	0	0	NA	NA	CONCR	
304	4.21	95	N/A	51.00	GOOD	0.07	32	NA	NA	1	1	NA	NA	0	NA	0	0	0	1	1	0	0	NA	NA	CONCR	

18 OCCURS	DPHTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	4.0	STABILIZED BASE		32.0				1938					
	1.5	COLD BITUMINOUS PAVEMENT		22.0		SC-6		1939		20			
	1.5	HOT BIT PAVEMENT		32.0		120-150		1955					
	1.5	HOT BIT PAVEMENT WIDENING		24.0		120-150		1955	53	20			
				42.0				1973	121				
	1.5	HOT BIT PAVEMENT		24.0		200-300		1973	338	20			
	4.3	AGGREGATE BASE	7.0		7.0			1973					
	3.0	HOT BIT PAVEMENT	10.0		10.0	200-300		1973					
	-1.0	MILLING		24.0				1981	68				
	2.0	HOT BIT PAVEMENT		46.0		120-150		1983	192	20			
		CONTRACT CHIP SEAL		26.0		HFMS-2		1990	31				
	-3.0	MILLING		38.0				2010			15921	1	
	3.0	HBP-SUPERPAVE-FAA 45 SLURRY SEAL	5.0	24.0	9.0	PG 58-28	SP	2010	1095	20	15921	1	
				24.0			SS	2013	151		19724	1	
	-3.0	MILLING		36.0				2018	1987		21341	1	
	7.0	NON-REINF PCC		27.0		AE		2018		20	21341	1	
		DOWELED						2018			21341	1	
	7.0	RECYCLED HOT BIT PAVMNT	3.0		6.0	PG 58-28		2018			21341	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	E		304.000	0.8560	318.000	0.9840	14.1204	3.0	24.0	10.0	8.0	2.0	48.0	37.0	416	1642 2021	464	40	28			CONCR JOINT RIC		1	1984	2006	2006	CPR/GRINDING
MICHIGAN X-OVER E TO E CO LN																		2014	DIST 86	RIDE 3.57	PRPI	GOOD	IRI 80						
SECTION PERFORMING GOOD-SOME FAULTING.																		2015	DIST 82	RIDE 3.60	PRPI	GOOD	IRI 79						
																		2016	DIST 83	RIDE 3.64	PRPI	GOOD	IRI 76						
																		2017	DIST 84	RIDE 3.48	PRPI	GOOD	IRI 84						
																		2018	DIST 87	RIDE 3.65	PRPI	GOOD	IRI 76						
																		2019	DIST 88	RIDE 3.84	PRPI	GOOD	IRI 68						
																		2020	DIST 87	RIDE 3.70	PRPI	GOOD	IRI 74						
																		2021	DIST 87	RIDE 3.75	PRPI	GOOD	IRI 72						
																		2022	DIST 88	RIDE 3.73	PRPI	GOOD	IRI 73						
																		2023	DIST 86	RIDE 3.70	PRPI	GOOD	IRI 74						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)	FLT	FLT DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
305	3.93	87	N/A	64.00	GOOD	0.07	99	0	0	0	3	4	0	3	0	1	1
306	3.78	84	N/A	71.00	GOOD	0.08	102	0	0	0	4	3	3	3	0	1	1
307	3.50	85	N/A	83.00	FAIR	0.08	98	0	0	0	3	5	3	3	0	1	1
308	3.73	82	N/A	73.00	GOOD	0.10	92	0	0	0	3	3	2	7	0	1	1
309	3.49	89	N/A	84.00	FAIR	0.08	100	0	0	0	3	1	1	3	0	1	1
310	3.47	85	N/A	85.00	GOOD	0.08	123	0	0	0	4	2	3	3	0	1	1
311	3.71	84	N/A	74.00	GOOD	0.08	98	0	0	0	4	6	0	3	0	1	1
312	3.99	91	N/A	61.00	GOOD	0.08	85	0	0	0	1	2	0	3	0	1	1
313	4.12	80	N/A	56.00	GOOD	0.08	102	0	0	0	5	7	2	3	0	1	1
314	3.97	89	N/A	62.00	GOOD	0.07	88	0	0	0	2	1	3	3	0	0	1
315	3.55	87	N/A	81.00	GOOD	0.08	92	0	0	0	2	2	3	3	0	1	1
316	3.36	83	N/A	90.00	GOOD	0.08	88	0	0	0	3	5	3	3	0	1	1
317	3.55	87	N/A	81.00	GOOD	0.08	90	0	0	0	4	1	2	3	0	1	1
318	3.71	89	N/A	74.00	GOOD	0.08	96	0	0	0	3	3	0	3	0	0	1
AVG	3.70	86	N/A	74.21	GOOD	0.08	97	0	0	0	3	3	2	3	0	1	1

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)											
COMPONENTS											
GRADE		48.0				1983	1768				
2.0 AGGREGATE BASE		27.0				1984					
8.0 NON-REINF PCC		27.0				1984	3653	20			
C-C 84 FEET						1984					
CPR/DOWEL BAR RETROFIT		24.0			S3	2006	1477	20	15643	1	
GRINDING		18.0				2006			15643	1	
CONCRETE PAVEMENT REPAIR		24.0				2016	2445		20681	1	
GRINDING		14.0				2016			20681	1	
2.0 AGGREGATE BASE	3.0		7.0		04	2016			20681	1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	2	E		324.000	0.3540	329.000	0.0730	4.7164	4.0	24.0	8.0	12.0	5.0	48.0	36.0	455	1750 2021	614	11	11		COMPO	PCCOA	RIC	1	2013	2013	2013	PCC	JOINTED																																																																													
7.3 MI E CO LN E TO 1.4 MI W JCT 18																		2014	DIST	97	RIDE	3.30	PRPI	FAIR	IRI	93	2015	DIST	93	RIDE	3.20	PRPI	FAIR	IRI	97	2016	DIST	95	RIDE	3.09	PRPI	FAIR	IRI	102	2017	DIST	91	RIDE	2.95	PRPI	FAIR	IRI	109	2018	DIST	91	RIDE	2.99	PRPI	FAIR	IRI	108	2019	DIST	89	RIDE	3.76	PRPI	GOOD	IRI	71	2020	DIST	88	RIDE	3.62	PRPI	GOOD	IRI	78	2021	DIST	88	RIDE	3.53	PRPI	GOOD	IRI	82	2022	DIST	86	RIDE	3.37	PRPI	FAIR	IRI	90	2023	DIST	87	RIDE	3.25	PRPI	FAIR	IRI	95

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT	AVERAGE DC	RIDE LJS	DISTRESS LC	& RUT TC	THOSE BC	REF RW	POINTS BP	HAVE RT	THE INCORRECT DC	PAVEMENT CB	TYPE LJS	TJS	FLT	BS	CP	TCS	BU	PVMT	TYPE	
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RUT TC	THOSE BC	REF RW	POINTS BP	HAVE RT	THE INCORRECT DC	PAVEMENT CB	TYPE LJS	TJS	FLT	BS	CP	TCS	BU	PVMT	TYPE
325	3.33	87	N/A	91.00	FAIR	0.08	173	NA	NA	5	3	NA	NA	0	NA	0	0	0	0	0	4	0	0	NA	NA	CONCR
326	2.72	92	N/A	121.00	FAIR	0.08	287	NA	NA	0	2	NA	NA	0	NA	0	0	0	0	5	0	0	NA	NA	CONCR	
327	3.46	85	N/A	85.00	FAIR	0.07	186	NA	NA	3	3	NA	NA	0	NA	0	0	0	3	5	0	0	NA	NA	CONCR	
328	3.48	85	N/A	84.00	GOOD	0.07	189	NA	NA	4	3	NA	NA	0	NA	0	0	0	2	5	0	0	NA	NA	CONCR	

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1962	125				
	5.0 AGGREGATE BASE		44.0				1963					
	4.0 HOT BIT PAVEMENT		42.0		120-150		1963					
	2.0 HOT BIT PAVEMENT		24.0		120-150		1963	268	20			
	1.5 HOT BIT PAVEMENT		24.0		85-100		1969	50	20			
	2.0 HOT BIT PAVEMENT	9.0		9.0	85-100		1969					
	.5 PLANT MIX SEAL		24.0		85-100		1972	62				
	-2.0 MILLING		24.0				1992					
	2.8 HOT BIT PAVEMENT		25.0		120-150		1992	216	20			
	2.4 RECYCLED HOT BIT PAVMNT	4.0		10.0	120-150		1992					
	SAFETY PROJECT						1992					
	FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	56		1371	1	
	MICROSURFACING		25.0				2005	134		16235	1	
	-5.0 MILLING		42.0				2013			18281	1	
	7.0 BLENDED BASE	3.0		6.0			2013			18281	1	
	7.0 NON-REINF PCC		27.0		AE	S3	2013	3115	20	18281	1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
6	2	E		329.000	0.0730	341.000	0.7210	12.6487	3.0	24.0	8.0	7.0	7.2	48.0	35.0	456	2569 2021	342	26	18	2019	FLEX	ASPHT	RIC	1	1998	2008	2016	F CHIP SEAL			
1.4 MI W JCT 18 E TO 1 MI W GF AFB																	2014	DIST 87	RIDE 3.77	PRPI	GOOD	IRI 71										
																	2015	DIST 84	RIDE 3.64	PRPI	GOOD	IRI 77										
																	2016	DIST 92	RIDE 4.09	PRPI	GOOD	IRI 56										
																	2017	DIST 88	RIDE 4.05	PRPI	GOOD	IRI 58										
																	2018	DIST 95	RIDE 3.93	PRPI	GOOD	IRI 64										
																	2019	DIST 95	RIDE 4.01	PRPI	GOOD	IRI 60										
																	2020	DIST 94	RIDE 3.98	PRPI	GOOD	IRI 62										
																	2021	DIST 90	RIDE 3.90	PRPI	GOOD	IRI 65										
																	2022	DIST 91	RIDE 3.85	PRPI	GOOD	IRI 68										
																	2023	DIST 92	RIDE 3.72	PRPI	GOOD	IRI 73										

SUBCUT 2.5', PVC DRAIN TILE INSTALLED STATION 80+20 TO 81+50. SUBCUT  
2.5' STATION 264+30 TO 266+00.  
2011 PCN 17832 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2016 PCN 20140- REST AREA AND INTERSECTION IMPROVEMENTS WITH ND 18

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																														
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																											
329	3.50	90	0.20	84.00	GOOD	N/A	N/A	6	0	1	2	0	0	0	0																					
330	3.65	89	0.15	77.00	GOOD	N/A	N/A	6	0	1	3	0	0	0	0																					
331	3.89	93	0.15	66.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0																					
332	3.62	88	0.15	78.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	2																					
333	3.84	93	0.13	68.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0																					
334	3.89	96	0.14	66.00	GOOD	N/A	N/A	0	0	1	2	0	0	0	0																					
335	3.43	93	0.18	87.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0																					
336	3.69	93	0.16	75.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0																					
337	3.65	87	0.17	77.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0																					
338	3.77	94	0.17	71.00	GOOD	N/A	N/A	3	0	1	1	0	0	0	0																					
339	3.74	88	0.19	73.00	GOOD	N/A	N/A	3	0	1	1	0	0	0	0																					
340	3.91	94	0.15	65.00	GOOD	N/A	N/A	3	0	1	1	0	0	0	0																					
341	3.84	94	0.14	68.00	GOOD	N/A	N/A	3	0	1	1	0	0	0	0																					
AVG	3.72	92	0.16	73.46	GOOD	N/A	N/A	3	0	1	2	0	0	0	1																					

16 OCCURS		LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN	
DPTH	COMPONENTS	WIDTH (FT)	WIDTH (FT)	WIDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB H
(IN)	GRADE		48.0				1978	992			
	C-C 104 FEET						1978				
	2.0 AGGREGATE BASE		46.0				1979				
	6.0 LEAN CONCRETE BASE		27.0				1979	1311			
	2.5 HOT BIT PAVEMENT		27.0		120-150		1979	485	20		
	7.5 AGGREGATE BASE	3.0		7.0			1979				
	CONTRACT CHIP SEAL		27.0		HFMS-2		1990	119			
	-3.2 MILLING		27.0				1998			12181	1
	5.0 HOT BIT PAVEMENT	3.0	24.0		PG 58-28	31	1998	1718	20	12181	1
	5.0 HOT BIT PAVEMENT			8.0	PG 58-28	27	1998	448	20	12181	1
	FEDERAL AID CHIP SEAL	3.0	24.0	8.0	HFMS-2	43	2000	102		13546	1
	2.0 HOT BIT PAVEMENT	3.0	24.0	8.0	PG 58-28	31	2008	2262	7	16798	1
	SLURRY SEAL		24.0			SS	2011	410		17832	1
	-2.0 MILLING		24.0				2016			21277	1
	2.0 HBP-SUPERPAVE-FAA 45	3.0	24.0		PG 64-28	SP	2016	2166	10	21277	1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2019	383		22378	1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	E		341.000	0.7210	343.000	0.1130	1.3890	4.0	24.0	7.0	18.8	3.0	45.0	35.0	531	3252 2023	1117	63	14	2023	CONCR	JOINT	RIC	1	1961	2006	2020	F CHIP SEAL
1.061 MI W GF AFB EAST																		2014 DIST 86 RIDE 4.03 PRPI GOOD IRI 60											
																		2015 DIST 80 RIDE 3.96 PRPI GOOD IRI 63											
																		2016 DIST 80 RIDE 3.78 PRPI GOOD IRI 71											
																		2017 DIST 78 RIDE 3.70 PRPI GOOD IRI 74											
																		2018 DIST 87 RIDE 3.39 PRPI GOOD IRI 89											
																		2019 DIST 84 RIDE 3.62 PRPI GOOD IRI 78											
																		2020 DIST NA RIDE N/A PRPI N/A IRI N/A											
																		2021 DIST 96 RIDE 4.33 PRPI GOOD IRI 46											
																		2022 DIST 95 RIDE 4.34 PRPI GOOD IRI 46											
																		2023 DIST 95 RIDE 4.30 PRPI GOOD IRI 48											

2008 PCN 17248 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
342	4.32	93	N/A	47.00	GOOD	0.07	53	0	0	0	1	3	2	0	0	0
343	4.27	96	N/A	49.00	GOOD	0.07	43	0	0	0	0	2	1	0	0	0
AVG	4.30	95	N/A	48.00	GOOD	0.07	48	0	0	0	1	3	2	0	0	0

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		45.0				1961	23				
3.0	AGGREGATE BASE		27.0				1961					
9.0	NON-REINF PCC		24.0				1961	116	20			
	DISTRICT SAND SEAL				AE-150S		1979	4				
	PCC JOINT REPAIR						1984	9				
	CRACK AND SEAT						1989					
	DRIVE SLOPE FLATTENING						1989					
2.8	HOT BIT PAVEMENT		24.0		120-150		1989	220	5			
1.5	HOT BIT PAVEMENT	3.0		10.0	120-150		1989	9				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	19				
2.5	HBP-SUPERPAVE-FAA 45	4.0	24.0	8.0	PG 58-28	SP	2006	329	20	15922		1
	SLURRY SEAL		24.0			SS	2008	39		17248		1
-4.0	MILLING		36.0				2020			21982		1
8.5	NON-REINF PCC		29.0				2020	3627	20	21982		1
8.5	RECYCLED HOT BIT PAVMNT DOWELED			6.0	PG 58S28		2020			21982		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	47		21982		1
										23442		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	E		343.000	0.1130	349.000	0.7120	6.6011	4.0	24.0	8.0	14.3	3.0	45.0	35.0	749	4446 2023	1117	33	14	2023	CONCR	JOINT	RIC	1	1991	2006	2020	F CHIP SEAL
				0.3 MI E GF AFB E 6.93 MI				2004 - PCN 15741 - 1.5" INTERMITTENT PATCH FROM 343.070 - 343.520 2008 PCN 17248 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.										2014	DIST 87	RIDE 3.80	PRPI	GOOD	IRI 70						
																		2015	DIST 82	RIDE 3.70	PRPI	GOOD	IRI 74						
																		2016	DIST 85	RIDE 3.57	PRPI	GOOD	IRI 80						
																		2017	DIST 83	RIDE 3.49	PRPI	GOOD	IRI 84						
																		2018	DIST 89	RIDE 3.08	PRPI	FAIR	IRI 103						
																		2019	DIST 83	RIDE 3.35	PRPI	FAIR	IRI 90						
																		2020	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A						
																		2021	DIST 94	RIDE 4.70	PRPI	EXCL	IRI 30						
																		2022	DIST 93	RIDE 4.74	PRPI	EXCL	IRI 28						
																		2023	DIST 97	RIDE 4.69	PRPI	EXCL	IRI 30						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
344	4.53	95	N/A	38.00	GOOD	0.07	35	0	0	0	0	3	1	0	0	0
345	4.72	96	N/A	29.00	EXCL	0.07	47	0	0	0	1	0	2	0	0	0
346	4.80	97	N/A	25.00	EXCL	0.06	49	0	0	0	0	0	2	0	0	0
347	4.72	98	N/A	29.00	EXCL	0.07	43	0	0	0	0	0	1	0	0	0
348	4.72	98	N/A	29.00	EXCL	0.07	41	0	0	0	0	0	1	0	0	0
349	4.64	97	N/A	33.00	EXCL	0.07	38	0	0	0	1	0	1	0	0	0
AVG	4.69	97	N/A	30.50	EXCL	0.07	42	0	0	0	0	1	1	0	0	0

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		45.0				1963	370				
3.0	AGGREGATE BASE		27.0				1964					
9.0	NON-REINF PCC		24.0				1964	508	20			
	DISTRICT SAND SEAL				AE-150S		1979	20				
	PCC JOINT REPAIR						1984	44				
	SAFETY ENHANCEMENTS 90-1						1991	299		2739	1	
3.0	HOT BIT PAVEMENT		24.0		120-150	33	1991	513	20	2739	1	
1.5	HOT BIT PAVEMENT	3.0		10.0	120-150	25	1991	151		2739	1	
	CRACK AND SEAT		24.0				1991			2739	1	
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	92				
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2003	33		15540	1	
2.5	HBP-SUPERPAVE-FAA 45	4.0		8.0	PG 58-28	SP	2006	1564	20	15922	1	
	SLURRY SEAL		24.0			SS	2008	186		17248	1	
-4.0	MILLING		36.0				2020			21982	1	
8.5	NON-REINF PCC		29.0				2020	17232	20	21982	1	
8.5	RECYCLED HOT BIT PAVMNT			6.0	PG 58S28		2020			21982	1	
	DOWELED						2020			21982	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	225		23442	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	E		349.000	0.7120	350.000	0.7350	1.0209	4.0	24.0	7.0	14.3	3.0	45.0	36.0	768	5015 2023	1117	33	14	2023	CONCR	JOINT	UIC	1	1991	2006	2020	F CHIP SEAL
6.93 MI E GF AFB EAST																		2014	DIST	91	RIDE	3.94	PRPI	GOOD	IRI	64			
																		2015	DIST	85	RIDE	3.87	PRPI	GOOD	IRI	67			
																		2016	DIST	92	RIDE	3.74	PRPI	GOOD	IRI	72			
																		2017	DIST	88	RIDE	3.67	PRPI	GOOD	IRI	76			
																		2018	DIST	93	RIDE	3.40	PRPI	FAIR	IRI	89			
																		2019	DIST	85	RIDE	3.58	PRPI	GOOD	IRI	80			
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A			
																		2021	DIST	98	RIDE	4.82	PRPI	EXCL	IRI	25			
																		2022	DIST	95	RIDE	4.86	PRPI	EXCL	IRI	23			
																		2023	DIST	98	RIDE	4.76	PRPI	EXCL	IRI	27			

2008 PCN 17248 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
350	4.76	98	N/A	27.00	EXCL	0.06	29	0	0	0	0	0	1	0	0	0
AVG	4.76	98	N/A	27.00	EXCL	0.06	29	0	0	0	0	0	1	0	0	0

17 OCCURS	DPH	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		45.0				1963	56				
	3.0	AGGREGATE BASE		27.0				1964					
	9.0	NON-REINF PCC		24.0				1964	77	20			
		DISTRICT SAND SEAL				AE-150S		1979	3				
		PCC JOINT REPAIR						1984	7				
		SAFETY ENHANCEMENTS 90-1						1991			2739	1	
	3.0	HOT BIT PAVEMENT		24.0		120-150	33	1991	123	20	2739	1	
	1.5	HOT BIT PAVEMENT	3.0		10.0	120-150	25	1991			2739	1	
		CRACK AND SEAT		24.0				1991			2739	1	
		CONTRACT CHIP SEAL		24.0		HFMS-2		1995	14				
	2.5	HBP-SUPERPAVE-FAA 45	4.0	24.0	8.0	PG 58-28	SP	2006	242	20	15922	1	
		SLURRY SEAL		24.0			SS	2008	29		17248	1	
	-4.0	MILLING		36.0				2020			21982	1	
	8.5	NON-REINF PCC		29.0				2020	2663	20	21982	1	
	8.5	RECYCLED HOT BIT PAVMNT			6.0	PG 58S28		2020			21982	1	
		DOWELED						2020			21982	1	
		FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	34		23442	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
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ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	2	E		350.000	0.7350	353.000	0.7210	2.9844	4.0	24.0	7.0	18.8	3.0	45.0	35.0	764	4941 2023	1125	33	14	2023	CONCR	JOINT	UIC	1	1991	2006	2020	F CHIP SEAL																																																																														
8 MI E GF AFB TO 69TH ST N																		2014	DIST	84	RIDE	3.77	PRPI	FAIR	IRI	83	2015	DIST	76	RIDE	3.68	PRPI	FAIR	IRI	83	2016	DIST	80	RIDE	3.59	PRPI	FAIR	IRI	83	2017	DIST	79	RIDE	3.50	PRPI	FAIR	IRI	83	2018	DIST	85	RIDE	3.12	PRPI	FAIR	IRI	83	2019	DIST	80	RIDE	3.36	PRPI	FAIR	IRI	83	2020	DIST	89	RIDE	4.67	PRPI	EXCL	IRI	31	2021	DIST	93	RIDE	4.75	PRPI	EXCL	IRI	28	2022	DIST	92	RIDE	4.74	PRPI	EXCL	IRI	28	2023	DIST	96	RIDE	4.64	PRPI	EXCL	IRI	32
2008 PCN 17248 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
351	4.63	97	N/A	33.00	EXCL	0.07	55	0	0	0	0	0	2	0	0	0
352	4.77	96	N/A	27.00	EXCL	0.06	45	0	0	0	1	0	1	0	1	0
353	4.53	94	N/A	38.00	GOOD	0.06	33	0	0	0	3	0	1	0	0	1
AVG	4.64	96	N/A	32.67	EXCL	0.06	44	0	0	0	1	0	1	0	0	0

17 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		45.0				1963	168				
	3.0	AGGREGATE BASE		27.0				1964					
	9.0	NON-REINF PCC		24.0				1964	228	20			
		DISTRICT SAND SEAL				AE-150S		1979	10				
		PCC JOINT REPAIR						1984	20				
		SAFETY ENHANCEMENTS 90-1						1991	136		2739	1	
	3.0	HOT BIT PAVEMENT		24.0		120-150	33	1991	233	20	2739	1	
	1.5	HOT BIT PAVEMENT		3.0		120-150	25	1991	68		2739	1	
		CRACK AND SEAT		24.0				1991			2739	1	
		CONTRACT CHIP SEAL		24.0		HFMS-2		1995	42				
	2.5	HBP-SUPERPAVE-FAA 45		4.0		PG 58-28	SP	2006	707	20	15922	1	
		SLURRY SEAL		24.0			SS	2008	84		17248	1	
	-4.0	MILLING		36.0				2020			21982	1	
	8.5	NON-REINF PCC		29.0				2020	7948	20	21982	1	
	8.5	RECYCLED HOT BIT PAVMNT				6.0	PG 58S28	2020			21982	1	
		DOWELED						2020			21982	1	
		FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	102		23442	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	E		353.000	0.7210	354.000	0.7240	1.0027	3.5	24.0	7.5	16.3	3.0	45.0	35.0	800	5861 2023	1180	3	3	2023	COMPO	AOPJC	UIC	1	2021	2021	2021	F CHIP SEAL				
69TH ST N TO 2 MI W COLUMBIA RD																		2014	DIST	85	RIDE	3.77	PRPI	GOOD	IRI	71							
																		2015	DIST	79	RIDE	3.77	PRPI	GOOD	IRI	71							
																		2016	DIST	82	RIDE	3.71	PRPI	GOOD	IRI	74							
																		2017	DIST	76	RIDE	3.70	PRPI	GOOD	IRI	75							
																		2018	DIST	85	RIDE	3.38	PRPI	GOOD	IRI	89							
																		2019	DIST	85	RIDE	3.51	PRPI	FAIR	IRI	83							
																		2020	DIST	79	RIDE	3.34	PRPI	GOOD	IRI	91							
																		2021	DIST	99	RIDE	4.04	PRPI	GOOD	IRI	59							
																		2022	DIST	96	RIDE	3.97	PRPI	GOOD	IRI	63							
																		2023	DIST	93	RIDE	4.03	PRPI	GOOD	IRI	59							

2008 PCN 17248 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
354	4.03	93	0.10	59.00	GOOD	N/A	N/A	3	0	2	1	0	0	0
AVG	4.03	93	0.10	59.00	GOOD	N/A	N/A	3	0	2	1	0	0	0

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE		45.0				1963	57				
9.0	NON-REINF PCC		27.0				1964					
	DISTRICT SAND SEAL		24.0		AE-150S		1964	77	20			
	PCC JOINT REPAIR						1979	3				
	SAFETY ENHANCEMENTS 90-1						1984	7				
3.0	HOT BIT PAVEMENT		24.0		120-150	33	1991	78	20	2739		1
1.5	HOT BIT PAVEMENT	3.0		10.0	120-150	25	1991	23		2739		1
	CRACK AND SEAT		24.0				1991			2739		1
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	14				
2.5	HBP-SUPERPAVE-FAA 45	4.0	24.0	8.0	PG 58-28	SP	2006	238	20	15922		1
	SLURRY SEAL		24.0			SS	2008	28		17248		1
-1.0	MILLING		31.0				2021			22680		1
3.0	RAP-SUPERPAVE FAA 45	3.5	24.0	7.5	PG 58S28	SP	2021	556	20	22680		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	34		22932		1

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ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	2	E		354.000	0.7240	355.000	0.4790	0.7555		24.0		11.0	24.0	30.0	24.0	902	8454 2021	1193	29	29		CONCR	JOINT	UIC	1	1995	2014	2014	GRINDING																																																																														
GF-55TH ST E TO I-29-EB																		2014	DIST	89	RIDE	3.31	PRPI	FAIR	IRI	93	2015	DIST	89	RIDE	3.28	PRPI	GOOD	IRI	94	2016	DIST	88	RIDE	3.38	PRPI	GOOD	IRI	89	2017	DIST	89	RIDE	3.25	PRPI	GOOD	IRI	96	2018	DIST	80	RIDE	3.28	PRPI	GOOD	IRI	94	2019	DIST	90	RIDE	3.31	PRPI	FAIR	IRI	93	2020	DIST	75	RIDE	3.38	PRPI	GOOD	IRI	89	2021	DIST	88	RIDE	3.29	PRPI	GOOD	IRI	94	2022	DIST	87	RIDE	3.35	PRPI	GOOD	IRI	91	2023	DIST	84	RIDE	3.30	PRPI	FAIR	IRI	93

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE LJS	RIDE LC	TJS	DISTRESS FLT	BS	BP	RUT CP
355	3.30	84	N/A	93.00	FAIR	0.10	85	0	0	1	2	3	7	0	1
AVG	3.30	84	N/A	93.00	FAIR	0.10	85	0	0	1	2	3	7	0	1

7 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
4.0	EDGE DRAIN						1995					
4.0	PERM ASPH STAB BASE		30.0				1995					
	CURB & GUTTER FACE-FACE		28.0				1995					
20.0	AGGREGATE BASE		30.0				1995					
11.0	NON-REINF PCC		24.0				1995		30			
	CPR/DOWEL BAR RETROFIT		24.0			S3	2014	500	10	20103		1
	GRINDING		24.0				2014			20103		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																						
6	2	E		355.000	0.4790	356.000	0.7320	1.2605		24.0		10.0	12.0	30.0	24.0	637	8774 2021	838	36	33			CONCR JOINT UIC	1	1988	2011	2011	GRINDING																																							
GF I-29 EAST TO COLUMBIA ROAD																		2014	DIST 89	RIDE 3.17	PRPI FAIR	IRI 99	2015	DIST 88	RIDE 3.10	PRPI FAIR	IRI 102	2016	DIST 86	RIDE 2.91	PRPI FAIR	IRI 112	2017	DIST 88	RIDE 3.23	PRPI FAIR	IRI 97	2018	DIST 87	RIDE 3.21	PRPI FAIR	IRI 97	2019	DIST 88	RIDE 3.05	PRPI FAIR	IRI 105	2020	DIST 88	RIDE 3.26	PRPI FAIR	IRI 95	2021	DIST 88	RIDE 3.10	PRPI FAIR	IRI 103	2022	DIST 89	RIDE 3.19	PRPI FAIR	IRI 98	2023	DIST 87	RIDE 2.98	PRPI FAIR	IRI 108
																		2012 PCN 15082 CPR/DOWEL BAR RETROFIT/GRINDING RP 356.431 - 356.743																																																	

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
356	2.98	87	N/A	108.00	FAIR	0.07	110	0	0	0	1	3	3	3	0	1	1
AVG	2.98	87	N/A	108.00	FAIR	0.07	110	0	0	0	1	3	3	3	0	1	1

6 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSBL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		CURB & GUTTER FACE-FACE		27.0				1988					
	8.0	AGGREGATE BASE						1988					
	4.0	BITUMINOUS BASE						1988					
	10.0	NON-REINF PCC		24.0				1988	1969	30			
		CPR/DOWEL BAR RETROFIT		24.0		S3		2011	452	10	17032		1
		GRINDING		24.0				2011			17032		1



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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	E		356.000	0.7320	358.090	0.0000	1.3599		24.0	6.0	10.0	12.0	33.0	30.0	615	8720 2021	759	37	33			CONCR JOINT UIC	1	1987	2011	2011	GRINDING					
GATEWAY DR-COLUMBIA RD TO RED RIVER																		2014	DIST 86	RIDE 1.97	PRPI	POOR	IRI 165										
																		2015	DIST 89	RIDE 1.66	PRPI	POOR	IRI 225										
																		2016	DIST 90	RIDE 1.62	PRPI	POOR	IRI 227										
																		2017	DIST 84	RIDE 2.49	PRPI	POOR	IRI 133										
																		2018	DIST 85	RIDE 2.19	PRPI	POOR	IRI 149										
																		2019	DIST 83	RIDE 2.42	PRPI	POOR	IRI 136										
																		2020	DIST 85	RIDE 2.66	PRPI	POOR	IRI 124										
																		2021	DIST 87	RIDE 2.50	PRPI	POOR	IRI 133										
																		2022	DIST 86	RIDE 2.59	PRPI	POOR	IRI 127										
																		2023	DIST 89	RIDE 2.33	PRPI	POOR	IRI 141										

GEOTEXTILE FABRIC 65' 1987.  
 2012 PCN 15082 CPR/DOWEL BAR RETROFIT/GRINDING RP 356.431 - 356.743

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
357	2.33	89	N/A	141.00	POOR	0.09	109	0	0	1	3	1	3	0	1	1
358	N/A	NA	N/A	N/A	N/A	0.15	8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	2.33	89	N/A	141.00	POOR	0.12	59	0	0	1	3	1	3	0	1	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		32.0				1987					
6.0	AGGREGATE BASE		35.0				1987					
6.0	RECYCLED PCC		35.0				1987					
10.0	NON-REINF PCC		30.0				1987	3050	30			
	CPR/DOWEL BAR RETROFIT		24.0			S3	2011	487	10	17032	1	
	GRINDING		24.0				2011			17032	1	

ENGLISH

D	HWY	S	D	REF	PT	FROM	FROM	TO	TO	LENGTH	LEFT	DRVNG	RIGHT	SURF	BASE	GRAD	FIN	TAADT	AAADT	ESALS	PAV	PAV	EFF	LAST	PVMT	PVMT	HWY	FRT	INTL	PREV	LTST	LTST															
						REF	OFFSET	REF	OFFSET	(XX)	SHLDR	LANE	SHLDR	DEPTH	DEPTH	WIDTH	WIDTH				AGE	AGE	YEAR	SEAL	TYPE	DESC	PTY	LVL	CONS	CONS	CONS	REHAB															
6	2	W		295.468		0.0000	300.000	0.7640	5.3096	8.0	24.0	4.0	8.0	8.0	54.0	36.0	360	1728	313	9	9			CONCR	JOINT	RIC	1	2015	2015	2015	PCC	JOINED															
LAKOTA E TO MAPES X-OVER-INCL T SEC																																															
1997: INTERM PATCHING THROUGHOUT.																																															
2007 PCN 16897 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.																																															
2011 PCN 19246 - 1.5" CONTRACT PATCH 295.468 TO 295.968																																															
																						2014	DIST	77	RIDE	2.82	PRPI	FAIR	IRI	116																	
																						2015	DIST	93	RIDE	3.82	PRPI	GOOD	IRI	68																	
																						2016	DIST	98	RIDE	3.50	PRPI	GOOD	IRI	83																	
																						2017	DIST	97	RIDE	3.37	PRPI	GOOD	IRI	89																	
																						2018	DIST	95	RIDE	3.30	PRPI	FAIR	IRI	92																	
																						2019	DIST	96	RIDE	4.28	PRPI	GOOD	IRI	48																	
																						2020	DIST	93	RIDE	3.79	PRPI	GOOD	IRI	70																	
																						2021	DIST	95	RIDE	3.76	PRPI	GOOD	IRI	71																	
																						2022	DIST	92	RIDE	3.65	PRPI	GOOD	IRI	76																	
																						2023	DIST	87	RIDE	4.09	PRPI	GOOD	IRI	56																	

REF	RUT	IRI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT														
PT	RIDE	DST	(IN)	IN/MI	PRPI	FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
296	4.15	83	N/A	54.00	GOOD	0.12	171	0	0	0	1	7	1	7	0	0	0
297	3.98	87	N/A	62.00	GOOD	0.10	121	0	0	0	1	3	1	7	0	0	0
298	4.09	86	N/A	57.00	GOOD	0.12	141	0	0	0	1	3	2	7	0	0	0
299	4.17	92	N/A	53.00	GOOD	0.12	168	0	0	0	0	0	0	7	0	0	0
300	4.07	86	N/A	58.00	GOOD	0.11	150	0	0	0	2	2	1	7	0	1	0
AVG			4.09	87	N/A	56.80	GOOD	0.11	150	0	0	1	3	1	7	0	0

7 OCCURS	LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN	PCN	SUB	H
DPTH	WIDTH	WIDTH	WIDTH	TYPE	AGG	YEAR	THOUS	LFE				
(IN)	COMPONENTS	(FT)	(FT)	(FT)								
	GRADE	54.0				2015			18951		1	
	8.0 SALVAGED BIT BASE	34.0				2015			18951		1	
	8.0 NON-REINF PCC	2.0	24.0	4.0	AE	S3	2015	30	18951		1	
	12.0 SALVAGED BIT BASE	6.0				2015			18951		1	
	4.0 HBP-SUPERPAVE-FAA 40 DOWELED	6.0			PG 58-28	SP	2015		18951		1	
	JOINT SPACE 15 FOOT					2015			18951		1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		300.000	0.7640	305.000	0.2190	4.4587	10.0	24.0	3.0	8.0	2.0	51.0	37.0	370	1885 2021	322	40	28			CONCR	JOINT	RIC	1	1984	2006	2006	CPR/GRINDING

MAPES X-OVER TO MICHIGAN BYPASS

SECTION PERFORMING GOOD-SOME FAULTING.

2014	DIST 80	RIDE	2.95	PRPI	FAIR	IRI 111
2015	DIST 89	RIDE	3.81	PRPI	GOOD	IRI 69
2016	DIST 89	RIDE	3.80	PRPI	GOOD	IRI 69
2017	DIST 85	RIDE	3.79	PRPI	GOOD	IRI 70
2018	DIST 87	RIDE	3.76	PRPI	GOOD	IRI 72
2019	DIST 89	RIDE	4.35	PRPI	GOOD	IRI 45
2020	DIST 89	RIDE	3.95	PRPI	GOOD	IRI 63
2021	DIST 89	RIDE	3.89	PRPI	GOOD	IRI 65
2022	DIST 89	RIDE	3.80	PRPI	GOOD	IRI 70
2023	DIST 83	RIDE	4.18	PRPI	GOOD	IRI 52

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)		AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	FLT DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
301	4.04	79	N/A	59.00	GOOD	0.11	173	0	0	0	5	6	0	7	0	1	1
302	4.08	85	N/A	57.00	GOOD	0.09	163	0	0	0	4	4	0	4	0	1	1
303	4.27	82	N/A	49.00	GOOD	0.10	171	0	0	0	4	4	0	7	0	1	1
304	4.30	82	N/A	47.00	GOOD	0.10	183	0	0	0	3	4	0	8	0	1	1
305	4.20	87	N/A	52.00	GOOD	0.11	129	0	0	0	2	2	0	7	0	0	1
AVG	4.18	83	N/A	52.80	GOOD	0.10	164	0	0	0	4	4	0	7	0	1	1

8 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)		(FT)	(FT)			1983	558				
GRADE		48.0				1984					
2.0 AGGREGATE BASE		27.0				1984	1153	20			
8.0 NON-REINF PCC		27.0				1984					
C-C 84 FEET						2006	466	20	15641	1	
CPR/DOWEL BAR RETROFIT		24.0			S3	2006			15641	1	
GRINDING		18.0				2006			15641	1	
CONCRETE PAVEMENT REPAIR		24.0				2015			20603	1	
GRINDING		25.0				2015			20603	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	W		305.000	0.2190	306.000	0.8190	1.5895	8.0	24.0	4.0	8.0	8.0	54.0	36.0	375	1612 2021	439	9	9		CONCR	JOINT	RIC	1	2015	2015	2015	PCC	JOINTED			
MICHIGAN BYPASS																		2014	DIST	73	RIDE	2.76	PRPI	POOR	IRI	119							
																		2015	DIST	90	RIDE	3.77	PRPI	GOOD	IRI	72							
																		2016	DIST	84	RIDE	3.47	PRPI	GOOD	IRI	85							
																		2017	DIST	85	RIDE	3.24	PRPI	FAIR	IRI	96							
																		2018	DIST	91	RIDE	3.27	PRPI	FAIR	IRI	95							
																		2019	DIST	95	RIDE	4.10	PRPI	GOOD	IRI	57							
																		2020	DIST	94	RIDE	3.63	PRPI	FAIR	IRI	78							
																		2021	DIST	93	RIDE	3.60	PRPI	FAIR	IRI	79							
																		2022	DIST	94	RIDE	3.47	PRPI	FAIR	IRI	85							
																		2023	DIST	88	RIDE	3.81	PRPI	GOOD	IRI	70							

2007 PCN 16898 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
306	3.81	88	N/A	70.00	GOOD	0.10	116	0	0	0	1	2	1	7	0	0	0
AVG	3.81	88	N/A	70.00	GOOD	0.10	116	0	0	0	1	2	1	7	0	0	0

7 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
8.0	SALVAGED BIT BASE		54.0				2015			18952	1	
8.0	NON-REINF PCC		34.0				2015			18952	1	
12.0	SALVAGED BIT BASE	2.0	24.0	4.0	AE	S3	2015	30		18952	1	
4.0	HBP-SUPERPAVE-FAA 40 DOWELED	6.0					2015			18952	1	
	JOINT SPACE 15 FOOT	6.0			PG 58-28	SP	2015			18952	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		306.000	0.8190	317.000	0.0460	10.2283	7.5	24.0	2.5	15.5	9.0	49.5	33.5	407	1595 2021	277	27	18	2022	FLEX	ASPHT	RIC	1	1997	2010	2019	F CHIP SEAL
MICHIGAN BYPASS E TO CO LN-WB																													
FEDERAL AID CHIP SEAL R.P. 306.280 TO R.P. 317..045.																													
2014 DIST 85 RIDE 3.87 PRPI GOOD IRI 67																													
2015 DIST 81 RIDE 3.65 PRPI GOOD IRI 77																													
2016 DIST 83 RIDE 3.64 PRPI GOOD IRI 77																													
2017 DIST 79 RIDE 3.62 PRPI GOOD IRI 78																													
2018 DIST 91 RIDE 3.38 PRPI GOOD IRI 89																													
2019 DIST 99 RIDE 4.30 PRPI GOOD IRI 47																													
2020 DIST 97 RIDE 4.26 PRPI GOOD IRI 49																													
2021 DIST 97 RIDE 4.20 PRPI GOOD IRI 52																													
2022 DIST 97 RIDE 4.08 PRPI GOOD IRI 57																													
2023 DIST 94 RIDE 3.92 PRPI GOOD IRI 64																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
307	3.97	91	0.20	63.00	GOOD	N/A	N/A	0	0	0	2	0	0	6
308	3.87	91	0.18	67.00	GOOD	N/A	N/A	0	0	0	2	0	0	6
309	3.70	92	0.19	75.00	GOOD	N/A	N/A	0	0	0	1	0	0	6
310	3.81	97	0.16	70.00	GOOD	N/A	N/A	0	0	0	2	0	0	0
311	3.65	91	0.17	77.00	GOOD	N/A	N/A	0	0	0	2	0	0	6
312	3.88	95	0.13	66.00	GOOD	N/A	N/A	0	0	1	3	0	0	0
313	3.92	93	0.11	65.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
314	4.10	97	0.15	57.00	GOOD	N/A	N/A	0	0	0	2	0	0	0
315	4.17	98	0.17	53.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
316	4.17	91	0.20	53.00	GOOD	N/A	N/A	0	0	0	2	0	0	6
AVG	3.92	94	0.17	64.60	GOOD	N/A	N/A	0	0	0	2	0	0	1

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1955	154				
9.0	AGGREGATE BASE		41.0				1957					
2.0	HOT BIT PAVEMENT		40.0		150-200		1957					
3.0	HOT BIT PAVEMENT		24.0		120-150		1957	549	20			
.5	PLANT MIX SEAL		24.0		85-100		1966	72				
3.0	HOT BIT PAVEMENT	7.0		7.0	200-300		1975	183				
-3.0	MILLING		24.0				1981					
3.0	RECYCLED HOT BIT PAVMNT CONTRACT CHIP SEAL		24.0		120-150		1981	315	20			
			24.0		MC-3000		1989	118				
4.5	HOT BIT PAVEMENT			3.0	120-150	27	1997			63	1	
4.5	HOT BIT PAVEMENT	8.0	24.0		120-150	33	1997	1272	20	63	1	
	FEDERAL AID CHIP SEAL	8.0	24.0	3.0	HFMS-2	43	1999	103		12532	1	
2.0	HBP-SUPERPAVE-FAA 45 SLURRY SEAL	8.0	24.0	3.0	PG 58-28	SP	2010	1546	7	16838	1	
			24.0			SS	2013	395		18282	1	
-1.0	MILLING		29.0				2019			22345	1	
2.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL	2.5	24.0	2.0	PG58H28	SP	2019	1322	7	22345	1	
			24.0		CRS2P	11	2022	383		23445	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		317.000	0.0460	318.000	0.6130	1.5669	10.0	24.0	7.0	5.5	9.0	48.0	41.0	442	1666 2021	374	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL
CO LN E 1.567 MI																		2014	DIST	96	RIDE	4.13	PRPI	GOOD	IRI	55			
																		2015	DIST	88	RIDE	3.93	PRPI	GOOD	IRI	64			
																		2016	DIST	90	RIDE	3.84	PRPI	GOOD	IRI	68			
																		2017	DIST	89	RIDE	3.72	PRPI	GOOD	IRI	74			
																		2018	DIST	92	RIDE	3.59	PRPI	GOOD	IRI	79			
																		2019	DIST	93	RIDE	3.67	PRPI	GOOD	IRI	76			
																		2020	DIST	91	RIDE	3.46	PRPI	GOOD	IRI	86			
																		2021	DIST	92	RIDE	3.41	PRPI	GOOD	IRI	88			
																		2022	DIST	92	RIDE	3.33	PRPI	GOOD	IRI	92			
																		2023	DIST	85	RIDE	3.05	PRPI	GOOD	IRI	105			

2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.  
2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
317	2.91	84	0.21	112.00	FAIR	N/A	N/A	6	0	1	2	0	0	6
318	3.19	86	0.23	98.00	GOOD	N/A	N/A	3	0	1	3	0	0	6
AVG	3.05	85	0.22	105.00	GOOD	N/A	N/A	5	0	1	3	0	0	6

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1981	145				
	C-C 84 FEET						1981					
8.0	AGGREGATE BASE		30.0				1982					
2.0	HOT BIT PAVEMENT		30.0		120-150		1982					
1.5	HOT BIT PAVEMENT		27.0		120-150		1982	198	20			
11.0	AGGREGATE BASE	5.5		1.5			1982					
-2.0	MILLING		24.0				1992					
2.8	HOT BIT PAVEMENT SAFETY PROJECT		25.0		120-150		1992	131	20			
2.4	RECYCLED HOT BIT PAVMNT FEDERAL AID CHIP SEAL	10.0		4.0	120-150		1992					
	FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	19		1371		1
1.5	HOT BIT PAVEMENT SLURRY SEAL		24.0		PG 58-28	31	2004	69	7	15630		1
	SLURRY SEAL		24.0			SS	2007	34		16899		1
-2.0	MILLING		32.5				2014			18953		1
3.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL	7.0	24.0	3.0	PG 58-28	SP	2014	337	20	18953		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	40		21602		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		318.000	0.6130	318.000	0.9930	0.3800	9.0	24.0	3.0	10.0	11.5	48.0	36.0	445	1720 2021	614	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL
				1.6 MI E CO L N E 0.380 MI				PLANT MIX SEAL-1992-POLYMER MOD AC.---RECYCLED OUTSIDE SHOULDER ONLY. 2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL. 2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																					
				2014 DIST NA RIDE N/A PRPI N/A IRI N/A 2015 DIST NA RIDE N/A PRPI N/A IRI N/A 2016 DIST NA RIDE N/A PRPI N/A IRI N/A 2017 DIST NA RIDE N/A PRPI N/A IRI N/A 2018 DIST NA RIDE N/A PRPI N/A IRI N/A 2019 DIST NA RIDE N/A PRPI N/A IRI N/A 2020 DIST NA RIDE N/A PRPI N/A IRI N/A 2021 DIST NA RIDE N/A PRPI N/A IRI N/A 2022 DIST NA RIDE N/A PRPI N/A IRI N/A 2023 DIST NA RIDE N/A PRPI N/A IRI N/A																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE BC	AVERAGE RIDE RW	AVERAGE RIDE BP	AVERAGE RIDE RT	DISTRESS	RUT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET		48.0				1981	36				
8.0	AGGREGATE BASE		32.0				1982					
2.0	HOT BIT PAVEMENT		30.0		120-150		1982					
1.5	HOT BIT PAVEMENT		27.0		120-150		1982	49	20			
11.0	AGGREGATE BASE	5.5		1.5			1982					
4.0	HBP-LARGE STONE		29.0		200-300		1992	91	20			
-1.0	MILLING		24.0				1992					
	SAFETY PROJECT						1992					
.8	PLANT MIX SEAL		29.0				1992					
4.0	RECYCLED HOT BIT PAVMNT	7.0			120-150		1992					
	FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	5		1371		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	31	2004	18	7	15630		1
	SLURRY SEAL		24.0			SS	2007	8		16899		1
-2.0	MILLING		32.0				2014			18953		1
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	82	20	18953		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	10		21602		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		318.000	0.9930	321.000	0.5740	2.5885	9.5	24.0	3.0	8.0	18.0	58.0	36.5	445	1711	374	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL
1.947 MI E CO LN EAST																	2014	DIST	99	RIDE	4.19	PRPI	GOOD	IRI	52				
																	2015	DIST	89	RIDE	4.12	PRPI	GOOD	IRI	55				
																	2016	DIST	95	RIDE	4.06	PRPI	GOOD	IRI	58				
																	2017	DIST	92	RIDE	3.98	PRPI	GOOD	IRI	62				
																	2018	DIST	95	RIDE	3.82	PRPI	GOOD	IRI	69				
																	2019	DIST	93	RIDE	3.76	PRPI	GOOD	IRI	72				
																	2020	DIST	90	RIDE	3.54	PRPI	GOOD	IRI	81				
																	2021	DIST	93	RIDE	3.48	PRPI	GOOD	IRI	84				
																	2022	DIST	90	RIDE	3.37	PRPI	GOOD	IRI	89				
																	2023	DIST	86	RIDE	3.23	PRPI	GOOD	IRI	96				

PLANT MIX SEAL-1992-POLYMER MOD AC.---RECYCLED OUTSIDE SHOULDER ONLY.  
 PAVEMENT EDGE DRAINS MP 321.074 TO MP 321.574.  
 2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
319	3.14	84	0.22	100.00	GOOD	N/A	N/A	3	0	1	3	0	0	2	6
320	3.44	88	0.23	87.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	6
321	3.11	86	0.22	102.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	6
AVG	3.23	86	0.22	96.33	GOOD	N/A	N/A	2	0	1	3	0	0	1	6

17 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1981	236				
		C-C 84 FEET						1981					
	18.0	SUBCUT AREAS						1992					
	8.0	AGGR FOR SUBGRADE REPAIR		50.0				1992					
	4.0	SALVAGED AGGR BASE		46.0				1992					
	6.0	AGGREGATE BASE		41.0				1992					
	5.5	HBP-LARGE STONE		29.0		200-300		1992	619	20			
	4.8	RECYCLED HOT BIT PAVMNT	8.0			120-150		1992					
	.8	PLANT MIX SEAL		29.0				1992					
		EDGE DRAIN						1992					
		SAFETY PROJECT						1992					
		FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	31		1371		1
	1.5	HOT BIT PAVEMENT		24.0		PG 58-28	31	2004	120	7	15630		1
		SLURRY SEAL		24.0			SS	2007	57		16899		1
	-2.0	MILLING		32.0				2014			18953		1
	3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	557	20	18953		1
		FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	67		21602		1





ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
6	2	W		322.000	0.0740	322.000	0.4430	0.3690	7.0	24.0	3.0	8.0	18.0	58.0	36.5	445	1710 2021	374	10	10	2017	FLEX	ASPHT	RIC	1	2014	2023	2023	2.0" C_PATCH						
				5.028 MI E CO LN E 0.369 MI				PLANT MIX SEAL -1992-POLYMER MOD AC.---RECYCLED OUTSIDE SHOULDER ONLY. 2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL. 2011 PCN 19246 - 1.5" CONTRACT PATCH 322.000 TO 322.260 2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																											
																				2014	DIST 96	RIDE 4.20	PRPI	GOOD	IRI 52										
																				2015	DIST 92	RIDE 3.91	PRPI	GOOD	IRI 65										
																				2016	DIST 95	RIDE 3.72	PRPI	GOOD	IRI 74										
																				2017	DIST 82	RIDE 3.63	PRPI	GOOD	IRI 77										
																				2018	DIST 87	RIDE 3.45	PRPI	GOOD	IRI 86										
																				2019	DIST 86	RIDE 3.20	PRPI	GOOD	IRI 98										
																				2020	DIST 86	RIDE 2.93	PRPI	FAIR	IRI 111										
																				2021	DIST 86	RIDE 2.74	PRPI	FAIR	IRI 120										
																				2022	DIST 85	RIDE 2.56	PRPI	FAIR	IRI 129										
																				2023	DIST 84	RIDE 3.10	PRPI	FAIR	IRI 103										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	RT BP	
322	3.10	84	0.29	103.00	FAIR	N/A	N/A	0	0	1	2	0	6	6
AVG	3.10	84	0.29	103.00	FAIR	N/A	N/A	0	0	1	2	0	6	6

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1981	36				
	C-C 84 FEET						1981					
18.0	SUBCUT AREAS						1992					
8.0	AGGR FOR SUBGRADE REPAIR		50.0				1992					
4.0	SALVAGED AGGR BASE		46.0				1992					
6.0	AGGREGATE BASE		41.0				1992					
5.5	HBP-LARGE STONE		29.0		200-300		1992	89	20			
4.8	RECYCLED HOT BIT PAVMNT	8.0			120-150		1992					
.8	PLANT MIX SEAL SAFETY PROJECT		29.0				1992					
	FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	4		1371		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	31	2004	1	7	15630		1
	SLURRY SEAL		24.0			SS	2007	8		16899		1
-2.0	MILLING		36.5				2014			18953		1
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	80	20	18953		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	9		21602		1
	INT CONT PATCH-2.0"	7.0	24.0	3.0	PG58S-34	SP	2023	288	7	23585		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	W		322.000	0.4430	323.000	0.2010	0.7107	9.0	24.0	3.0	10.0	11.5	48.0	36.0	445	1710 2021	374	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL				
5.397 MI E CO LN E 0.758 MI																		2014	DIST	96	RIDE	4.24	PRPI	GOOD	IRI	51							
																		2015	DIST	88	RIDE	4.12	PRPI	GOOD	IRI	56							
																		2016	DIST	92	RIDE	4.00	PRPI	GOOD	IRI	61							
																		2017	DIST	89	RIDE	3.93	PRPI	GOOD	IRI	64							
																		2018	DIST	96	RIDE	3.87	PRPI	GOOD	IRI	67							
																		2019	DIST	95	RIDE	3.82	PRPI	GOOD	IRI	69							
																		2020	DIST	88	RIDE	3.63	PRPI	GOOD	IRI	77							
																		2021	DIST	94	RIDE	3.49	PRPI	GOOD	IRI	84							
																		2022	DIST	88	RIDE	3.40	PRPI	GOOD	IRI	89							
																		2023	DIST	87	RIDE	3.30	PRPI	GOOD	IRI	93							

RECYCLED OUTSIDE SHOULDER ONLY.  
2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL  
2011 PCN 19246 - 1.5" CONTRACT PATCH 322.450 TO 322.730  
2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
323	3.30	87	0.23	93.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
AVG	3.30	87	0.23	93.00	GOOD	N/A	N/A	3	0	1	2	0	0	6

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET		48.0				1981	73				
8.0	AGGREGATE BASE		30.0				1982					
2.0	HOT BIT PAVEMENT		30.0		120-150		1982					
1.5	HOT BIT PAVEMENT		27.0		120-150		1982	99				
11.0	AGGREGATE BASE	5.5		1.5			1982					
4.0	HBP-LARGE STONE		29.0		200-300		1992	182	20			
-1.0	MILLING		24.0				1992					
	SAFETY PROJECT						1992					
4.0	RECYCLED HOT BIT PAVMNT	7.0			120-150		1992					
	FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	8		1371		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	31	2004	65	7	15630		1
	SLURRY SEAL		24.0			SS	2007	16		16899		1
-2.0	MILLING		36.0				2014			18953		1
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	153	20	18953		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	18		21602		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	2	W		323.000	0.2010	323.000	0.3870	0.1860	9.5	24.0	3.0	7.5	20.5	58.0	36.5	445	1710 2021	614	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL																																																																														
				6.155 MI E CO LN E 0.186 MI				PLANT MIX SEAL-1992-POLYMER MOD AC.---RECYCLED OUTSIDE SHOULDER ONLY. 2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.										2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1981	18				
	C-C 84 FEET						1981					
20.0	SUBCUT AREAS						1992					
10.0	AGGR FOR SUBGRADE REPAIR		48.0				1992					
5.0	SALVAGED AGGR BASE		44.0				1992					
5.5	AGGREGATE BASE		39.0				1992					
5.0	HBP-LARGE STONE		29.0		200-300		1992	45	20			
4.3	RECYCLED HOT BIT PAVMNT	8.0			120-150		1992					
.8	PLANT MIX SEAL SAFETY PROJECT		29.0				1992					
	FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	2		1371		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	31	2004	7	7	15630		1
	SLURRY SEAL		24.0			SS	2007	4		16899		1
-2.0	MILLING		34.0				2014			18953		1
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	40	20	18953		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017			21602		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		323.000	0.3870	327.000	0.2770	3.9150	9.0	24.0	3.0	10.0	11.5	48.0	36.0	445	1710 2021	374	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL
				6.341 MI E CO LN E 3.89 MI				PLANT MIX SEAL-1992-POLYMER MOD AC.---RECYCLED OUTSIDE SHOULDER ONLY. 2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL. 2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																					
				2014 DIST 99 RIDE 4.11 PRPI GOOD IRI 56 2015 DIST 85 RIDE 4.05 PRPI GOOD IRI 59 2016 DIST 94 RIDE 4.03 PRPI GOOD IRI 60 2017 DIST 92 RIDE 3.94 PRPI GOOD IRI 63 2018 DIST 95 RIDE 3.90 PRPI GOOD IRI 65 2019 DIST 93 RIDE 3.90 PRPI GOOD IRI 65 2020 DIST 89 RIDE 3.76 PRPI GOOD IRI 72 2021 DIST 90 RIDE 3.71 PRPI GOOD IRI 74 2022 DIST 89 RIDE 3.70 PRPI GOOD IRI 74 2023 DIST 87 RIDE 3.53 PRPI GOOD IRI 82																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
324	3.51	87	0.24	83.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
325	3.67	89	0.23	76.00	GOOD	N/A	N/A	0	0	1	3	0	0	6
326	3.57	87	0.21	80.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
327	3.37	86	0.26	90.00	FAIR	N/A	N/A	3	0	1	3	0	0	6
AVG	3.53	87	0.24	82.25	GOOD	N/A	N/A	2	0	1	3	0	0	6

17 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1981	354				
		C-C 84 FEET						1981					
		8.0 AGGREGATE BASE		30.0				1982					
		2.0 HOT BIT PAVEMENT		30.0		120-150		1982					
		1.5 HOT BIT PAVEMENT		27.0		120-150		1982	482				
		11.0 AGGREGATE BASE	7.0					1982					
		-1.0 MILLING		24.0				1992					
		4.0 HBP-LARGE STONE SAFETY PROJECT		29.0		200-300		1992	934	20			
		4.0 RECYCLED HOT BIT PAVMNT	7.0			120-150		1992					
		.8 PLANT MIX SEAL		29.0				1992					
		FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	46		1371		1
		1.5 HOT BIT PAVEMENT SLURRY SEAL		24.0		PG 58-28	31	2004	177	7	15630		1
		-2.0 MILLING		24.0			SS	2007	86		16899		1
		3.0 HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	843	20	18953		1
		FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	101		21602		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		327.000	0.2770	327.000	0.4810	0.2040	9.5	24.0	3.0	7.5	20.5	58.0	36.5	445	1710 2021	614	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL
				10.231 MI E CO LN E 0.204 MI				PLANT MIX SEAL-1992-POLYMER MOD AC.---RECYCLED OUTSIDE SHOULDER ONLY. 2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL. 2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																					
				2014 DIST NA RIDE N/A PRPI N/A IRI N/A 2015 DIST NA RIDE N/A PRPI N/A IRI N/A 2016 DIST NA RIDE N/A PRPI N/A IRI N/A 2017 DIST NA RIDE N/A PRPI N/A IRI N/A 2018 DIST NA RIDE N/A PRPI N/A IRI N/A 2019 DIST NA RIDE N/A PRPI N/A IRI N/A 2020 DIST NA RIDE N/A PRPI N/A IRI N/A 2021 DIST NA RIDE N/A PRPI N/A IRI N/A 2022 DIST NA RIDE N/A PRPI N/A IRI N/A 2023 DIST NA RIDE N/A PRPI N/A IRI N/A																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1981	18				
	C-C 84 FEET						1981					
20.0	SUBCUT AREAS						1992					
10.0	AGGR FOR SUBGRADE REPAIR		48.0				1992					
5.0	SALVAGED AGGR BASE		44.0				1992					
5.5	AGGREGATE BASE		39.0				1992					
5.0	HBP-LARGE STONE		29.0		200-300		1992	49	20			
4.3	RECYCLED HOT BIT PAVMNT	8.0			120-150		1992					
.8	PLANT MIX SEAL SAFETY PROJECT		29.0				1992					
	FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	2		1371		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	31	2004	8	7	15630		1
	SLURRY SEAL		24.0			SS	2007	4		16899		1
-2.0	MILLING		34.0				2014			18953		1
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	44	20	18953		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	5		21602		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		327.000	0.4810	329.000	0.2300	1.7575	8.5	24.0	3.0	10.0	11.5	48.0	35.5	445	1710 2021	374	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL
				10.435 MI E CO LN E 1.749 MI				PLANT MIX SEAL-1992-POLYMER MOD AC.---RECYCLED OUTSIDE SHOULDER ONLY. 2007 PCN 16899 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.																					
				2014 DIST 99 RIDE 3.97 PRPI GOOD IRI 62 2015 DIST 90 RIDE 3.97 PRPI GOOD IRI 62 2016 DIST 95 RIDE 3.95 PRPI GOOD IRI 63 2017 DIST 91 RIDE 3.85 PRPI GOOD IRI 67 2018 DIST 96 RIDE 3.85 PRPI GOOD IRI 68 2019 DIST 93 RIDE 3.87 PRPI GOOD IRI 67 2020 DIST 90 RIDE 3.79 PRPI GOOD IRI 70 2021 DIST 92 RIDE 3.77 PRPI GOOD IRI 71 2022 DIST 90 RIDE 3.69 PRPI GOOD IRI 75 2023 DIST 89 RIDE 3.59 PRPI GOOD IRI 79																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
328	3.62	87	0.25	78.00	GOOD	N/A	N/A	3	0	0	3	0	0	6
329	3.56	91	0.18	81.00	GOOD	N/A	N/A	3	0	2	3	0	0	0
AVG		3.59	89	0.22	79.50	GOOD	N/A	N/A	3	0	1	3	0	3

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1981	154				
	C-C 84 FEET						1981					
8.0	AGGREGATE BASE		30.0				1982					
2.0	HOT BIT PAVEMENT		30.0		120-150		1982					
1.5	HOT BIT PAVEMENT		27.0		120-150		1982	210	20			
11.0	AGGREGATE BASE	5.5		1.5			1982					
-1.0	MILLING		24.0				1992					
4.0	HBP-LARGE STONE		29.0		200-300		1992	420	20			
4.0	RECYCLED HOT BIT PAVMNT	7.0			120-150		1992					
.8	PLANT MIX SEAL SAFETY PROJECT		29.0				1992					
	FEDERAL AID CHIP SEAL		25.0		HFMS-2	42	1997	21		1371		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	31	2004	75	7	15630		1
	SLURRY SEAL		24.0			SS	2007	39		16899		1
-2.0	MILLING		32.0				2014			18953		1
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	378	20	18953		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	45		21602		1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AA DT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	W		329.000	0.2300	330.520	0.0000	1.2895	10.0	24.0	4.0	5.5	9.0	48.0	38.0	445	1710 2021	374	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL				
12.184 MI E CO LN E TO JCT 18																		2014	DIST	99	RIDE	4.02	PRPI	GOOD	IRI	60							
																		2015	DIST	89	RIDE	3.88	PRPI	GOOD	IRI	66							
																		2016	DIST	92	RIDE	3.80	PRPI	GOOD	IRI	70							
																		2017	DIST	95	RIDE	3.69	PRPI	GOOD	IRI	75							
																		2018	DIST	96	RIDE	3.68	PRPI	GOOD	IRI	76							
																		2019	DIST	93	RIDE	3.81	PRPI	GOOD	IRI	69							
																		2020	DIST	92	RIDE	3.72	PRPI	GOOD	IRI	74							
																		2021	DIST	93	RIDE	3.74	PRPI	GOOD	IRI	73							
																		2022	DIST	92	RIDE	3.70	PRPI	GOOD	IRI	74							
																		2023	DIST	92	RIDE	3.58	PRPI	GOOD	IRI	80							

2000 1.5" OVERLAY STARTS AT R.P.329.073  
2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE RIDE BLD	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE BC	AVERAGE RIDE RW	AVERAGE RIDE BP	AVERAGE RIDE RT
330	3.58	92	0.18	80.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	3.58	92	0.18	80.00	GOOD	N/A	N/A	3	0	1	3	0	0	0

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1981	109				
	C-C 84 FEET						1981					
8.0	AGGREGATE BASE		30.0				1982					
2.0	HOT BIT PAVEMENT		30.0		120-150		1982					
1.5	HOT BIT PAVEMENT		27.0		120-150		1982	148	20			
11.0	AGGREGATE BASE	5.5		1.5			1982					
-2.0	MILLING		24.0				1992					
2.8	HOT BIT PAVEMENT		25.0		120-150		1992	100	20			
2.4	RECYCLED HOT BIT PAVMNT SAFETY PROJECT	10.0		4.0	120-150		1992					
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	13				
1.5	HOT BIT PAVEMENT		24.0		PG 52-28	27	2000	58	5	13961	1	
	CONTRACT CHIP SEAL		25.0		CHFRS-2P	43	2002	19		14996	1	
-2.0	MILLING		37.5				2014			18953	1	
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	278	20	18953	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	35		21602	1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	W		330.520	0.0000	332.000	0.3580	1.8366	10.0	24.0	4.0	9.0	9.0	48.0	38.0	445	2390 2021	298	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL				
JCT 18 E TO NEAR CMC 1815																		2014	DIST	99	RIDE	3.98	PRPI	GOOD	IRI	62							
																		2015	DIST	94	RIDE	3.87	PRPI	GOOD	IRI	67							
																		2016	DIST	94	RIDE	3.82	PRPI	GOOD	IRI	69							
																		2017	DIST	89	RIDE	3.71	PRPI	GOOD	IRI	74							
																		2018	DIST	96	RIDE	3.62	PRPI	GOOD	IRI	78							
																		2019	DIST	96	RIDE	3.70	PRPI	GOOD	IRI	74							
																		2020	DIST	94	RIDE	3.64	PRPI	GOOD	IRI	77							
																		2021	DIST	93	RIDE	3.55	PRPI	GOOD	IRI	82							
																		2022	DIST	94	RIDE	3.46	PRPI	GOOD	IRI	86							
																		2023	DIST	90	RIDE	3.26	PRPI	GOOD	IRI	95							

PCN 14996 - YR 2002 - BRIDGE EXCEPTIONS AT 332.308-332.340 AND  
335.869 - 335.903  
2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
331	3.71	87	0.20	74.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
332	2.80	92	0.17	117.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	3.26	90	0.19	95.50	GOOD	N/A	N/A	3	0	1	3	0	0	3

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		42.0				1943	28				
	C-C 104 FEET						1943					
5.0	STABILIZED BASE		38.0				1944					
2.0	COLD BITUMINOUS PAVEMENT		22.0		MC-3		1944	28	20			
1.5	HOT BIT PAVEMENT		28.0		150-200		1962					
2.0	HOT BIT PAVEMENT		24.0		150-200		1962	35	20			
6.0	AGGREGATE BASE	8.0		8.0			1962					
	SAFETY ENHANCEMENTS 90-1						1991	17				
3.0	HOT BIT PAVEMENT		24.0		120-150		1991	173	20			
3.0	HOT BIT PAVEMENT	8.0		3.0	120-150		1991	35				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	19				
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2000	83	5	13961		1
	CONTRACT CHIP SEAL		36.0		CHFRS-2P	43	2002	29		14996		1
-2.0	MILLING		28.0				2014			18953		1
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	395	20	18953		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	47		21602		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	W		332.000	0.3580	333.000	0.0019	0.6438	8.0	24.0	4.0	8.0	18.0	59.0	36.0	445	2390 2021	472	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL				
NEAR CMC 1815 TO NEAR RPT 333																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

PCN 14996 - YR 2002 - BRIDGE EXCEPTIONS AT 332.308-332.340 AND  
 335.869 - 335.903  
 2011 PCN 17832 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
 2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	18.0	SALVAGED BIT BASE		41.0				2008			17003	1	
	4.0	HOT BIT PAVEMENT	8.0	24.0	4.0	PG 58-28	31	2008			17003	1	
	2.0	HOT BIT PAVEMENT	8.0	24.0	4.0	PG 58-34	31	2008	340	20	17003	1	
		SLURRY SEAL		24.0		SS	2011	23			17832	1	
	2.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	139	20	18954	1	
		FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	17		21602	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		333.000	0.0019	337.000	0.3250	4.3226	8.0	24.0	3.0	9.0	7.0	45.0	35.0	445	2401 2021	298	10	10	2017	FLEX	ASPHT	RIC	1	2014	2014	2014	F CHIP SEAL
NEAR RPT 333 TO NEAR ARVILLA																		2014	DIST	96	RIDE	4.17	PRPI	GOOD	IRI	53			
																		2015	DIST	92	RIDE	4.06	PRPI	GOOD	IRI	58			
																		2016	DIST	94	RIDE	4.01	PRPI	GOOD	IRI	60			
																		2017	DIST	90	RIDE	3.89	PRPI	GOOD	IRI	66			
																		2018	DIST	95	RIDE	3.81	PRPI	GOOD	IRI	69			
																		2019	DIST	93	RIDE	3.94	PRPI	GOOD	IRI	63			
																		2020	DIST	92	RIDE	3.81	PRPI	GOOD	IRI	69			
																		2021	DIST	94	RIDE	3.89	PRPI	GOOD	IRI	65			
																		2022	DIST	91	RIDE	3.83	PRPI	GOOD	IRI	68			
																		2023	DIST	88	RIDE	3.79	PRPI	GOOD	IRI	71			

PCN 14996 - YR 2002 - BRIDGE EXCEPTIONS AT 332.308-332.340 AND  
335.869 - 335.903  
2008 PCN 16798 - THIN LIFT OVERLAY BETWEEN RPT 335.850 TO RPT 335.922  
2017 PCN 21602 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)		AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	AC	BLD	LC	TC	BC	RW	BP	RT			
333	4.03	94	0.17	60.00	GOOD	N/A	N/A	3	0	0	2	0	0	0			
334	3.96	92	0.17	63.00	GOOD	N/A	N/A	3	0	1	3	0	0	0			
335	3.36	84	0.19	90.00	GOOD	N/A	N/A	3	0	3	3	0	0	6			
336	3.42	86	0.23	88.00	GOOD	N/A	N/A	3	0	2	2	0	0	6			
AVG	3.69	89	0.19	75.25	GOOD	N/A	N/A	3	0	2	3	0	0	3			

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023)		AVERAGE RIDE, DISTRESS & RUT										THESE REF POINTS HAVE THE INCORRECT PAVEMENT TYPE									
PT						FLT	AC	BLD	LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE			
337	4.16	86	N/A	54.00	GOOD	0.11	116	NA	NA	2	3	NA	NA	0	NA	0	0	0	1	7	0	0	NA	NA	CONCR		

16 OCCURS		LSHL	RDWY	RSHL	OIL/CON	CLS	COST		DSN			
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
	GRADE		42.0				1943	65				
	C-C 104 FEET						1943					
5.0	STABILIZED BASE		38.0				1944					
2.0	COLD BITUMINOUS PAVEMENT		22.0		MC-3		1944	67	20			
1.5	HOT BIT PAVEMENT		28.0		150-200		1962					
2.0	HOT BIT PAVEMENT		24.0		150-200		1962	83	20			
6.0	AGGREGATE BASE	8.0		8.0			1962					
	SAFETY ENHANCEMENTS 90-1						1991	41				
3.0	HOT BIT PAVEMENT		24.0		120-150		1991	408	20			
3.0	HOT BIT PAVEMENT	8.0		3.0	120-150		1991	81				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	44				
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2000	196	5	13961	1	
	CONTRACT CHIP SEAL		36.0		CHFRS-2P	43	2002	69		14996	1	
-2.0	MILLING		28.0				2014			18953	1	
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	3.0	PG 58-28	SP	2014	931	20	18953	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	111		21602	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	W		337.000	0.3250	341.000	0.5280	4.2028	6.0	24.0	3.0	11.6	12.0	50.0	35.0	463	2912 2021	493	35	13	2023	CONCR	JOINT	RIC	1	1989	2011	2021	F CHIP SEAL				
NEAR ARVILLA E TO 1.2 MI W GF AFB																		2014	DIST	90	RIDE	4.29	PRPI	GOOD	IRI	48							
																		2015	DIST	90	RIDE	4.25	PRPI	GOOD	IRI	50							
																		2016	DIST	91	RIDE	4.21	PRPI	GOOD	IRI	51							
																		2017	DIST	86	RIDE	4.14	PRPI	GOOD	IRI	54							
																		2018	DIST	94	RIDE	4.00	PRPI	GOOD	IRI	61							
																		2019	DIST	92	RIDE	4.13	PRPI	GOOD	IRI	55							
																		2020	DIST	90	RIDE	4.03	PRPI	GOOD	IRI	59							
																		2021	DIST	98	RIDE	4.58	PRPI	GOOD	IRI	35							
																		2022	DIST	97	RIDE	4.55	PRPI	GOOD	IRI	36							
																		2023	DIST	90	RIDE	4.55	PRPI	GOOD	IRI	36							

2013 PCN 18283 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
338	4.62	92	N/A	33.00	GOOD	0.09	145	0	0	0	1	2	4	0	0	0
339	4.51	90	N/A	38.00	GOOD	0.10	157	0	0	0	0	2	7	0	0	0
340	4.52	90	N/A	38.00	GOOD	0.11	150	0	0	0	0	2	7	0	0	0
341	4.56	88	N/A	36.00	GOOD	0.11	192	0	0	0	1	2	8	0	0	0
AVG	4.55	90	N/A	36.25	GOOD	0.10	161	0	0	0	1	2	7	0	0	0

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE		50.0				1960	127				
9.0	NON-REINF PCC		27.0				1961					
	DISTRICT SAND SEAL		24.0		AE-150S		1961	407	30			
	PCC JOINT REPAIR						1979	14				
	CRACK AND SEAT						1984	29				
	DRIVE SLOPE FLATTENING						1989					
2.8	HOT BIT PAVEMENT		24.0		120-150		1989	659	20			
1.5	HOT BIT PAVEMENT	10.0		4.0	120-150		1989	28				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1996	67				
2.5	HBP-SUPERPAVE-FAA 45		36.0		PG 58-28	SP	2011	1157	20	16839	1	
	SLURRY SEAL		24.0			SS	2013	163		18283	1	
-2.4	MILLING		41.0				2021			21980	1	
8.0	NON-REINF PCC		26.0				2021		20	21980	1	
8.0	RECYCLED HOT BIT PAVMNT	6.0		3.0	PG 58S28	SP	2021			21980	1	
	DOWELED						2021			21980	1	
	JOINT SPACE 15 FOOT						2021			21980	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	143		23442	1	

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ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		341.000	0.5280	342.000	0.6960	1.1630	6.0	24.0	1.0	12.3	12.0	44.0	31.0	461	2883 2021	488	35	13	2023	CONCR	JOINT	RIC	1	1989	2011	2021	F CHIP SEAL
1.254 MI W GF AFB EAST																		2014	DIST	92	RIDE	4.15	PRPI	GOOD	IRI	54			
2013 PCN 18283 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																		2015	DIST	82	RIDE	4.11	PRPI	GOOD	IRI	56			
																		2016	DIST	88	RIDE	4.08	PRPI	GOOD	IRI	58			
																		2017	DIST	82	RIDE	4.01	PRPI	GOOD	IRI	60			
																		2018	DIST	88	RIDE	3.88	PRPI	GOOD	IRI	67			
																		2019	DIST	86	RIDE	3.98	PRPI	GOOD	IRI	62			
																		2020	DIST	84	RIDE	3.91	PRPI	GOOD	IRI	65			
																		2021	DIST	98	RIDE	4.69	PRPI	EXCL	IRI	30			
																		2022	DIST	98	RIDE	4.60	PRPI	GOOD	IRI	35			
																		2023	DIST	90	RIDE	4.71	PRPI	EXCL	IRI	30			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
342	4.71	90	N/A	30.00	EXCL	0.11	179	0	0	0	0	1	8	0	0	0
AVG	4.71	90	N/A	30.00	EXCL	0.11	179	0	0	0	0	1	8	0	0	0

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE		44.0				1960	29				
9.0	NON-REINF PCC		27.0				1961		90	30		
	DISTRICT SAND SEAL		24.0		AE-150S		1979	3				
	PCC JOINT REPAIR						1984	7				
	CRACK AND SEAT						1989					
	DRIVE SLOPE FLATTENING						1989					
2.8	HOT BIT PAVEMENT		24.0		120-150		1989	190	20			
1.5	HOT BIT PAVEMENT	10.0		3.0	120-150		1989	8				
2.5	HBP-SUPERPAVE-FAA 45		33.0		PG 58-28	SP	2011	320	20	16839		1
	SLURRY SEAL		24.0			SS	2013	45		18283		1
-2.2	MILLING		38.2				2021			21980		1
8.5	NON-REINF PCC		26.0				2021	1293	20	21980		1
8.5	RECYCLED HOT BIT PAVMNT DOWELED	6.0			PG 58S28	SP	2021			21980		1
	JOINT SPACE 15 FOOT						2021			21980		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	40		23442		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																							
6	2	W		342.000	0.6960	343.000	0.0750	0.3814	6.0	24.0	1.0	12.3	12.0	48.0	31.0	634	4009 2023	1015	35	13	2023	CONCR	JOINT	RIC	1	1989	2011	2021	F CHIP SEAL																							
GF AFB EAST 0.379 MILES																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
2013 PCN 18283 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																									

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVG NUM (2023) LJS	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) TJS	AVG NUM (2023) FLT	AVG NUM (2023) BS	AVG NUM (2023) BP	AVG NUM (2023) CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE		48.0				1959	13				
10.0	NON-REINF PCC		27.0				1959	46	30			
	DISTRICT SAND SEAL				AE-150S		1979	1				
	PCC JOINT REPAIR						1984	3				
	CRACK AND SEAT						1989					
	DRIVE SLOPE FLATTENING						1989					
2.8	HOT BIT PAVEMENT		24.0		120-150		1989	63	20			
1.5	HOT BIT PAVEMENT	10.0		4.0	120-150		1989	3				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1996	6				
2.5	HBP-SUPERPAVE-FAA 45		35.0		PG 58-28	SP	2011	105	20	16839		1
	SLURRY SEAL		24.0			SS	2013	15		18283		1
-3.3	MILLING		38.9				2021			21981		1
8.5	RECYCLED HOT BIT PAVMNT	6.0			PG 58S28	SP	2021			21981		1
8.5	NON-REINF PCC		26.0				2021	424	20	21981		1
	DOWELED						2021			21981		1
	JOINT SPACE 15 FOOT						2021			21981		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	13		23442		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		343.000	0.0750	346.000	0.7380	3.6633	6.0	24.0	1.0	11.2	12.0	45.0	31.0	693	4568 2023	1015	35	13	2023	CONCR	JOINT	RIC	1	1989	2011	2021	F CHIP SEAL
E OF GF AFB EAST																		2014	DIST	92	RIDE	4.15	PRPI	GOOD	IRI	54			
																		2015	DIST	89	RIDE	4.13	PRPI	GOOD	IRI	55			
																		2016	DIST	95	RIDE	4.10	PRPI	GOOD	IRI	56			
																		2017	DIST	89	RIDE	4.05	PRPI	GOOD	IRI	59			
																		2018	DIST	97	RIDE	3.89	PRPI	GOOD	IRI	66			
																		2019	DIST	93	RIDE	4.03	PRPI	GOOD	IRI	59			
																		2020	DIST	90	RIDE	3.94	PRPI	GOOD	IRI	64			
																		2021	DIST	98	RIDE	4.70	PRPI	EXCL	IRI	30			
																		2022	DIST	98	RIDE	4.60	PRPI	GOOD	IRI	35			
																		2023	DIST	88	RIDE	4.68	PRPI	EXCL	IRI	30			

TACONITE 1989-MP 346.113 TO MP 346.738  
2013 PCN 18283 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
343	4.63	90	N/A	33.00	EXCL	0.10	160	0	0	0	0	2	7	0	0	0
344	4.68	85	N/A	31.00	EXCL	0.11	177	0	0	0	4	2	8	0	0	0
345	4.64	89	N/A	32.00	GOOD	0.10	138	0	0	0	0	3	7	0	0	0
346	4.76	89	N/A	27.00	EXCL	0.11	169	0	0	0	1	2	7	0	0	0
AVG	4.68	88	N/A	30.75	EXCL	0.11	161	0	0	0	1	2	7	0	0	0

20 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		45.0				1960	106				
	3.0	AGGREGATE BASE		27.0				1961					
	9.0	NON-REINF PCC		24.0				1961	339	30			
		DISTRICT SAND SEAL				AE-150S		1979	12				
		PCC JOINT REPAIR						1984	25				
		CRACK AND SEAT						1989					
		DRIVE SLOPE FLATTENING						1989					
	2.8	HOT BIT PAVEMENT		24.0		120-150		1989	582	20			
	1.5	HOT BIT PAVEMENT	10.0		4.0	120-150		1989	24				
		CONTRACT CHIP SEAL		24.0		HFMS-2		1996	59				
		INT CONT PATCH-1.5"		24.0		PG 58-28	27	2003	18		15540	1	
		INT CONT PATCH-1.5"		24.0		PG 58-28	27	2005	177		16221	1	
	2.5	HBP-SUPERPAVE-FAA 45		36.0		PG 58-28	SP	2011	1009	20	16839	1	
		SLURRY SEAL		24.0			SS	2013	142		18283	1	
	-3.3	MILLING		38.9				2021			21981	1	
	8.5	NON-REINF PCC		26.0				2021	4073	20	21981	1	
	8.5	RECYCLED HOT BIT PAVMNT	6.0			PG 58S28		2021			21981	1	
		DOWELED						2021			21981	1	
		JOINT SPACE 15 FOOT						2021			21981	1	
		FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	125		23442	1	

ENGLISH

D	HWY	S	D	REF	FROM PT OFFSET (XX)	TO REF PT OFFSET (XX)	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DEPTH	BASE DEPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY SYS	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		346.000	0.7380	349.000	0.0490	2.3110	7.0	24.0	1.0	11.8	12.0	40.0	32.0	706	4891 2023	1015	35	13	2023	CONCR	JOINT	RIC	1	1989	2011	2021	F CHIP SEAL
APPROX 4 MI E GF AFB EAST																		2014	DIST	91	RIDE	4.06	PRPI	GOOD	IRI	59			
																		2015	DIST	90	RIDE	3.92	PRPI	GOOD	IRI	64			
																		2016	DIST	94	RIDE	3.85	PRPI	GOOD	IRI	68			
																		2017	DIST	88	RIDE	3.76	PRPI	GOOD	IRI	72			
																		2018	DIST	96	RIDE	3.24	PRPI	FAIR	IRI	96			
																		2019	DIST	92	RIDE	3.54	PRPI	GOOD	IRI	81			
																		2020	DIST	91	RIDE	3.21	PRPI	FAIR	IRI	97			
																		2021	DIST	99	RIDE	4.50	PRPI	GOOD	IRI	39			
																		2022	DIST	98	RIDE	4.36	PRPI	GOOD	IRI	45			
																		2023	DIST	94	RIDE	4.48	PRPI	GOOD	IRI	40			

TACONITE 1989-MP 346.738 TO 347.004  
INTERMITTENT PATCH FROM 346.720 TO 346.738 YR 2004 - PCN 15741  
2013 PCN 18283 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
347	4.43	93	N/A	42.00	GOOD	0.09	149	0	0	0	0	1	1	4	0	0	0
348	4.52	94	N/A	38.00	GOOD	0.09	106	0	0	0	0	0	2	3	0	0	0
AVG	4.48	94	N/A	40.00	GOOD	0.09	128	0	0	0	0	1	2	4	0	0	0

22 OCCURS DPTH (IN)	COMPONENTS	LSHL DPTH (FT)	RDWY DPTH (FT)	RSHL DPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1948	39				
3.0	AGGREGATE BASE		38.0				1948					
7.0	NON-REINF PCC		22.0				1948	114	30			
	DISTRICT SAND SEAL				AE-150S		1979	7				
	PCC JOINT REPAIR						1984	15				
	CRACK AND SEAT						1989					
	DRIVE SLOPE FLATTENING						1989					
	WIDENING		46.0				1989	6				
2.8	HOT BIT PAVEMENT		24.0		120-150		1989	364	20			
	AGGREGATE BASE		11.0				1989	10				
1.5	HOT BIT PAVEMENT		10.0		120-150		1989	15				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1996	37				
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2003	10		15540		1
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2004			15741		1
2.5	HBP-SUPERPAVE-FAA 45		34.0		PG 58-28	SP	2011	636	20	16839		1
	SLURRY SEAL		24.0			SS	2013	90		18283		1
-2.7	MILLING		37.1				2021			21981		1
8.5	NON-REINF PCC		26.0				2021	2570	20	21981		1
8.5	RECYCLED HOT BIT PAVMNT		6.0		PG 58S28		2021			21981		1
	DOWELED						2021			21981		1
	JOINT SPACE 15 FOOT						2021			21981		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	68		23442		1



NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	2	W		349.000	0.0490	353.000	0.7210	4.6713	7.0	24.0	1.0	12.2	12.0	40.0	32.0	711	5089 2023	1015	35	13	2023	CONCR	JOINT	UIC	1	1989	2011	2021	F CHIP SEAL

APPROX 4 MI W OF GF TO 69TH ST N

TACONITE 1989-MP 346.738 TO 347.004  
2013 PCN 18283 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

2014	DIST 91	RIDE 4.14	PRPI	GOOD	IRI 73
2015	DIST 93	RIDE 4.05	PRPI	GOOD	IRI 73
2016	DIST 90	RIDE 3.94	PRPI	GOOD	IRI 73
2017	DIST 84	RIDE 3.88	PRPI	GOOD	IRI 73
2018	DIST 93	RIDE 3.58	PRPI	GOOD	IRI 73
2019	DIST 85	RIDE 3.74	PRPI	GOOD	IRI 73
2020	DIST 86	RIDE 3.51	PRPI	GOOD	IRI 73
2021	DIST 98	RIDE 4.55	PRPI	GOOD	IRI 36
2022	DIST 97	RIDE 4.49	PRPI	GOOD	IRI 39
2023	DIST 91	RIDE 4.49	PRPI	GOOD	IRI 39

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)	FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
349	4.70	92	N/A	30.00	EXCL	0.11	109	0	0	0	0	0	0	0	7	0	0	0
350	4.54	86	N/A	37.00	GOOD	0.11	126	0	0	0	0	4	2	7	0	0	0	0
351	4.51	91	N/A	39.00	GOOD	0.11	163	0	0	0	0	0	1	7	0	0	0	0
352	4.46	93	N/A	40.00	GOOD	0.09	132	0	0	0	0	1	1	4	0	0	0	0
353	4.26	91	N/A	50.00	GOOD	0.10	105	0	0	0	0	1	0	7	0	0	0	0
AVG	4.49	91	N/A	39.20	GOOD	0.10	127	0	0	0	0	1	1	6	0	0	0	0

22 OCCURS	DPH	WIDTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
			GRADE	40.0					1948	79				
3.0			AGGREGATE BASE	38.0					1948					
7.0			NON-REINF PCC	22.0					1948	230	30			
			DISTRICT SAND SEAL				AE-150S		1979	15				
			PCC JOINT REPAIR						1984	31				
			CRACK AND SEAT						1989					
			DRIVE SLOPE FLATTENING						1989					
			WIDENING	46.0					1989	12				
2.8			HOT BIT PAVEMENT	24.0			120-150		1989	736	20			
			AGGREGATE BASE	11.0					1989	21				
1.5			HOT BIT PAVEMENT	10.0			120-150		1989	30				
			CONTRACT CHIP SEAL	24.0			HFMS-2		1996	74				
			INT CONT PATCH-1.5"	24.0			PG 58-28	27	2003	23		15540	1	
			INT CONT PATCH-1.5"	24.0			PG 58-28	27	2004			15741	1	
2.5			HBP-SUPERPAVE-FAA 45	34.0			PG 58-28	SP	2011	1286	20	16839	1	
			SLURRY SEAL	24.0				SS	2013	181		18283	1	
-2.3			MILLING	36.7					2021			21981	1	
8.5			NON-REINF PCC	26.0					2021	5194	20	21981	1	
8.5			RECYCLED HOT BIT PAVMNT	6.0			PG 58S28		2021			21981	1	
			DOWELED						2021			21981	1	
			JOINT SPACE 15 FOOT						2021			21981	1	
			FEDERAL AID CHIP SEAL	24.0			CRS2P	11	2023	159		23442	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	2	W		353.000	0.7210	354.000	0.7240	1.0043	7.0	24.0	3.5	8.0	12.0	40.0	35.0	740	5562 2023	605	3	3	2023	COMPO	AOPJC	UIC	1	2021	2021	2021	F CHIP SEAL				
69TH ST N TO 2 MI W COLUMBIA RD																		2014	DIST	85	RIDE	3.96	PRPI	GOOD	IRI	63							
																		2015	DIST	91	RIDE	4.08	PRPI	GOOD	IRI	57							
																		2016	DIST	89	RIDE	4.04	PRPI	GOOD	IRI	59							
																		2017	DIST	82	RIDE	3.99	PRPI	GOOD	IRI	61							
																		2018	DIST	93	RIDE	3.76	PRPI	GOOD	IRI	72							
																		2019	DIST	84	RIDE	3.78	PRPI	GOOD	IRI	71							
																		2020	DIST	82	RIDE	3.72	PRPI	GOOD	IRI	73							
																		2021	DIST	98	RIDE	4.06	PRPI	GOOD	IRI	58							
																		2022	DIST	93	RIDE	3.97	PRPI	GOOD	IRI	62							
																		2023	DIST	94	RIDE	3.94	PRPI	GOOD	IRI	63							

TACONITE 1989-MP 346.738 TO 347.004  
2013 PCN 18283 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI	IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE	
354	3.94	94	0.09	63.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

19 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	GRADE		40.0				1948	17				
3.0	AGGREGATE BASE		38.0				1948					
7.0	NON-REINF PCC		22.0				1948	50	30			
	DISTRICT SAND SEAL				AE-150S		1979	3				
	PCC JOINT REPAIR						1984	7				
	CRACK AND SEAT						1989					
	DRIVE SLOPE FLATTENING						1989					
	WIDENING		46.0				1989	2				
2.8	HOT BIT PAVEMENT		24.0		120-150		1989	158	20			
	AGGREGATE BASE	11.0					1989	4				
1.5	HOT BIT PAVEMENT	10.0			120-150		1989	6				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1996	16				
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2003	5		15540	1	
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2004			15741	1	
2.5	HBP-SUPERPAVE-FAA 45		34.0		PG 58-28	SP	2011	276	20	16839	1	
	SLURRY SEAL		24.0			SS	2013	39		18283	1	
-1.0	MILLING		31.0				2021			22680	1	
3.0	RAP-SUPERPAVE FAA 45	7.0	24.0		PG 58S28	SP	2021	556	20	22680	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	34		22932	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																	
6	2	W		354.000	0.7240	355.479	0.0000	0.7543		24.0		11.0	24.0	30.0	24.0	866	7904 2021	1116	29	29		CONCR	JOINT	UIC	1	1995	2014	2014	GRINDING																	
GF-55TH ST E TO I-29-WB																		2014	DIST	86	RIDE	3.08	PRPI	GOOD	IRI	103																				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE LJS	RIDE LC	DISTRESS TC	RUT TJS	FLT	BS	BP	CP
355	3.19	87	N/A	98.00	GOOD	0.16	77	0	0	0	0	2	9	0	1	0
AVG	3.19	87	N/A	98.00	GOOD	0.16	77	0	0	0	0	2	9	0	1	0

7 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
4.0	EDGE DRAIN						1995					
4.0	PERM ASPH STAB BASE		30.0				1995					
	CURB & GUTTER FACE-FACE		28.0				1995					
20.0	AGGREGATE BASE		30.0				1995					
11.0	NON-REINF PCC		24.0				1995		30			
	CPR/DOWEL BAR RETROFIT		24.0			S3	2014	500	10	20103	1	
	GRINDING		24.0				2014			20103	1	

ENGLISH

D	Hwy	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
6	2	W		355.479	0.0000	356.000	0.7320	1.2583		24.0		10.0	12.0	30.0	24.0	663	8596 2021	874	36	33		CONCR	JOINT	UIC	1	1988	2011	2011	GRINDING																		
GF I-29 EAST TO COLUMBIA ROAD																		2014	DIST	90	RIDE	3.24	PRPI	FAIR	IRI	96																					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE LJS	RIDE LC	DISTRESS TC	RUT TJS	FLT	BS	BP	CP	
356	3.16	90	N/A	100.00	GOOD	0.08	78	0	0	0	1	3	0	3	0	1	1
AVG	3.16	90	N/A	100.00	GOOD	0.08	78	0	0	0	1	3	0	3	0	1	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		27.0				1988					
	8.0 AGGREGATE BASE						1988					
	4.0 BITUMINOUS BASE						1988					
	10.0 NON-REINF PCC		24.0				1988	1969	30			
	CPR/DOWEL BAR RETROFIT		24.0		S3		2011	451	10	17032	1	
	GRINDING		24.0				2011			17032	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																									
6	2	W		356.000	0.7320	358.090	0.0000	1.3608	6.0	24.0		10.0	12.0	33.0	30.0	613	9306 2021	662	37	33			CONCR	JOINT	UIC	1	1987	2011	2011	GRINDING																									
GATEWAY DR-COLUMBIA RD TO RED RIVER																		2014	DIST	87	RIDE	1.75	PRPI	POOR	IRI	231																													
																		2015	DIST	85	RIDE	1.72	PRPI	POOR	IRI	233																													
																		2016	DIST	86	RIDE	2.48	PRPI	POOR	IRI	134																													
																		2017	DIST	82	RIDE	2.55	PRPI	POOR	IRI	130																													
																		2018	DIST	79	RIDE	2.62	PRPI	POOR	IRI	126																													
																		2019	DIST	87	RIDE	2.73	PRPI	POOR	IRI	121																													
																		2020	DIST	85	RIDE	2.89	PRPI	POOR	IRI	113																													
																		2021	DIST	86	RIDE	2.82	PRPI	POOR	IRI	116																													
																		2022	DIST	86	RIDE	2.81	PRPI	POOR	IRI	116																													
																		2023	DIST	87	RIDE	2.69	PRPI	POOR	IRI	122																													

2012 PCR 15082 CPR/DOWEL BAR RETROFIT/GRINDING RP 356.431 - 356.743

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
357	2.69	87	N/A	122.00	POOR	0.10	102	0	0	0	1	3	0	7	0	1	0
358	N/A	NA	N/A	N/A	N/A	0.09	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
AVG	2.69	87	N/A	122.00	POOR	0.10	54	0	0	0	1	3	0	7	0	1	0

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	RECYCLED PCC		35.0				1987					
6.0	CURB & GUTTER FACE-FACE		30.0				1987					
6.0	AGGREGATE BASE		35.0				1987					
10.0	NON-REINF PCC		30.0				1987	3050	30			
	CPR/DOWEL BAR RETROFIT		24.0			S3	2011	487	10	17032	1	
	GRINDING		24.0				2011			17032	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
6	2	B	E	910.126	0.0000	911.328	0.0000	1.3170	10.5	24.0	10.5	7.5		51.0	45.0	62	5614 2021	99	76	17	2023	COMPO	AOPJC	UIC	3	1948	2020	2020	F	CHIP SEAL
GF-5TH ST (GATEWAY TO UNIVERSITY)																														
THERE IS TRANSVERSE CRACKING AND SOME MINOR SETTLEMENTS. THIS SECTION IS PERFORMING WELL.																														
2012 - PCN 18821 - TRAFFIC SIGNAL REHABILITATION																														
2020 - PCN 21842 - STA 580+07 TO 584+13 CPR - FULL DEPTH - DOWLED																														
2020 - PCN 21842 - STA 584+13 TO 586+60 RECONSTRUCTION - 9IN NON-REIN CONCRETE PAVEMENT CL AE - DOWLWD																														
2014 DIST 76 RIDE 1.62 PRPI POOR IRI 257																														
2015 DIST 79 RIDE 1.48 PRPI POOR IRI 253																														
2016 DIST 81 RIDE 1.89 PRPI POOR IRI 286																														
2017 DIST 82 RIDE 1.60 PRPI POOR IRI 276																														
2018 DIST 90 RIDE 1.72 PRPI POOR IRI 297																														
2019 DIST 86 RIDE 1.68 PRPI POOR IRI 180																														
2020 DIST 86 RIDE 1.44 PRPI POOR IRI 198																														
2021 DIST 98 RIDE 2.84 PRPI GOOD IRI 115																														
2022 DIST 91 RIDE 2.10 PRPI POOR IRI 160																														
2023 DIST 91 RIDE 2.29 PRPI POOR IRI 145																														

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) AVG NUM FLT	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT
910	2.79	92	0.07	118.00	FAIR	N/A	N/A	3	0	2	2	0	0	0
AVG	2.79	92	0.07	118.00	FAIR	N/A	N/A	3	0	2	2	0	0	0

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM FLT	(2023) AVG NUM FLT	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE	
911	1.78	90	N/A	173.00	POOR	0.11	62	NA	NA	3	0	NA	NA	0	NA	0	0	0	0	5	0	1	NA	NA	CONCR

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7.0	NON-REINF PCC CURB & GUTTER FACE-FACE		31.0				1948		20			
1.5	HOT BIT PAVEMENT		48.0				1973					
7.0	NON-REINF PCC MICROSURFACING	7.0	45.0	7.0	120-150		1973	542				
-2.0	MILLING		44.0			MC	2009	147		17527		1
2.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL		44.0		PG58E-34 CRS2P	SP	2020	2257	7	21842		1
			44.0			11	2023	89		22909		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	5	E		288.000	0.9660	296.000	0.1000	7.1273	9.0	24.0	9.0	7.5	13.0	55.0	42.0	148	777 2021	111	24	15		FLEX	ASPHT	RSC	2	2000	2013	2022	RAP-FAA 43
EAST OF LANGDON																			2014	DIST 86	RIDE 3.77	PRPI	GOOD	IRI	71				
																			2015	DIST 86	RIDE 3.23	PRPI	GOOD	IRI	96				
																			2016	DIST 81	RIDE 3.44	PRPI	GOOD	IRI	86				
																			2017	DIST 84	RIDE 3.06	PRPI	POOR	IRI	104				
																			2018	DIST 93	RIDE 3.48	PRPI	GOOD	IRI	84				
																			2019	DIST 93	RIDE 3.39	PRPI	GOOD	IRI	89				
																			2020	DIST 90	RIDE 3.06	PRPI	POOR	IRI	105				
																			2021	DIST 91	RIDE 2.85	PRPI	POOR	IRI	115				
																			2022	DIST NA	RIDE N/A	PRPI	N/A	IRI	N/A				
																			2023	DIST 95	RIDE 4.06	PRPI	GOOD	IRI	58				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT												
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT									
289	4.08	93	0.10	57.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	0	0	0
290	4.17	96	0.11	54.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0
291	4.09	96	0.11	57.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0
292	3.94	95	0.13	64.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0	0	0
293	3.84	96	0.10	68.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0
294	4.02	95	0.08	60.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0	0	0
295	4.24	96	0.09	50.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0
296	4.07	96	0.10	58.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0
AVG	4.06	95	0.10	58.50	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0

18 OCCURS		LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN					
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H			
5.0	AGGREGATE BASE		34.0				1954								
2.5	STABILIZED BASE		32.0				1954								
2.5	HOT BIT PAVEMENT		22.0		120-150		1954	68	20						
7.0	WIDENING		55.0				1973	74							
3.5	BITUMINOUS BASE		42.0		200-300		1974								
2.0	HOT BIT PAVEMENT		40.0		200-300		1974								
1.5	HOT BIT PAVEMENT		24.0		200-300		1974	369	20						
8.0	AGGREGATE BASE	6.0		6.0			1974								
	CONTRACT CHIP SEAL		26.0		HFMS-2		1993	71							
1.0	HOT BIT PAVEMENT	5.0	24.0	5.0	PG 52-28	SP	2000	355	20	13245	1				
2.0	HOT BIT PAVEMENT	5.0	24.0	5.0	PG 58-34	SP	2000	814	20	13245	1				
	DRIVE SLOPE FLATTENING						2000			13245	1				
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	42	2001			14487	1				
-1.0	MILLING		28.0				2013			16817	1				
2.0	HBP-SUPERPAVE-FAA 43		28.0		PG 58-28	SP	2013	1726	10	16817	1				
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	203		20721	1				
-2.0	MILLING		34.0				2022			23477	1				
2.0	RAP-SUPERPAVE FAA 43	7.0	24.0	7.0	PG58S-34	SP	2022	2053	7	23477	1				

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	5	E		296.000	0.1000	300.000	0.1000	4.0025	9.0	24.0	9.0	4.5	7.5	47.0	42.0	151	800 2021	107	24	15		FLEX	ASPHT	RSC	2	2000	2013	2022	RAP-FAA 43
EAST OF LANGDON TO PARR ROAD																		2014	DIST 88	RIDE 3.85	PRPI	GOOD	IRI	68					
																		2015	DIST 88	RIDE 3.25	PRPI	GOOD	IRI	96					
																		2016	DIST 80	RIDE 3.70	PRPI	GOOD	IRI	74					
																		2017	DIST 84	RIDE 3.06	PRPI	POOR	IRI	106					
																		2018	DIST 94	RIDE 3.54	PRPI	GOOD	IRI	81					
																		2019	DIST 93	RIDE 3.36	PRPI	GOOD	IRI	90					
																		2020	DIST 92	RIDE 3.65	PRPI	GOOD	IRI	77					
																		2021	DIST 89	RIDE 3.02	PRPI	POOR	IRI	107					
																		2022	DIST 94	RIDE 4.04	PRPI	GOOD	IRI	59					
																		2023	DIST 94	RIDE 4.15	PRPI	GOOD	IRI	54					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
297	4.02	93	0.09	60.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
298	4.24	96	0.08	50.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
299	4.36	96	0.08	45.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
300	3.97	90	0.13	63.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
AVG	4.15	94	0.10	54.50	GOOD	N/A	N/A	2	0	1	3	0	0	0

14 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	4.0	AGGREGATE BASE		47.0				1974					
	3.5	BITUMINOUS BASE		42.0		200-300		1974					
	2.0	HOT BIT PAVEMENT		40.0		200-300		1974					
	1.5	HOT BIT PAVEMENT		24.0		200-300		1974	186	20			
		CONTRACT CHIP SEAL		26.0		HFMS-2		1993	40				
	1.0	HOT BIT PAVEMENT	5.0	24.0	5.0	PG 58-28	SP	2000	355	20	13245	1	
	2.0	HOT BIT PAVEMENT	5.0	24.0	5.0	PG 58-34	SP	2000	814	20	13245	1	
		DRIVE SLOPE FLATTENING						2000	40	20	13248	1	
		FEDERAL AID CHIP SEAL		24.0		HFMS-2	42	2001			14487	1	
	-1.0	MILLING		28.0				2013			16817	1	
	2.0	HBP-SUPERPAVE-FAA 43		28.0		PG 58-28	SP	2013	969	10	16817	1	
		FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	114		20721	1	
	-2.0	MILLING		35.4				2022			23477	1	
	2.0	RAP-SUPERPAVE FAA 43	6.5	24.0	6.5	PG58S-34	SP	2022	1152	7	23477	1	



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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	5	E		300.000	0.1000	302.000	0.0010	1.8997	2.5	24.0	2.5	5.5	7.0	36.0	29.0	165	974 2021	135	52	32	2014	FLEX	ASPHT	RSC	2	1972	2002	2002	F CHIP SEAL				
PAR.-ROAD E TO JCT 32-HALLSON																		2014	DIST	85	RIDE	4.36	PRPI	GOOD	IRI	45							
																		2015	DIST	86	RIDE	4.34	PRPI	GOOD	IRI	46							
																		2016	DIST	82	RIDE	4.32	PRPI	GOOD	IRI	47							
																		2017	DIST	85	RIDE	4.21	PRPI	GOOD	IRI	51							
																		2018	DIST	90	RIDE	4.04	PRPI	GOOD	IRI	59							
																		2019	DIST	91	RIDE	4.12	PRPI	GOOD	IRI	56							
																		2020	DIST	95	RIDE	4.30	PRPI	GOOD	IRI	48							
																		2021	DIST	89	RIDE	4.02	PRPI	GOOD	IRI	60							
																		2022	DIST	92	RIDE	4.17	PRPI	GOOD	IRI	53							
																		2023	DIST	86	RIDE	3.66	PRPI	GOOD	IRI	77							

2006 PCN 16168 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
301	3.66	86	0.16	77.00	GOOD	N/A	N/A	6	0	3	4	0	0	0
AVG	3.66	86	0.16	77.00	GOOD	N/A	N/A	6	0	3	4	0	0	0

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		36.0				1952	33				
2.0	STABILIZED BASE		34.0				1953					
2.5	HOT BIT PAVEMENT		32.0				1953					
1.5	HOT BIT PAVEMENT		22.0		120-150		1953	37	20			
1.5	HOT BIT PAVEMENT		24.0		200-300		1972	225	20			
	CONTRACT CHIP SEAL		26.0		HFMS-2		1993	19				
1.5	HOT BIT SPECIAL 408	2.5	24.0	2.5	PG 58-28	27	2002	88	10	14859		1
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2006	32		16168		1
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	54		20721		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	5	E		302.000	0.0010	313.000	0.2570	11.2552	2.0	24.0	2.0	6.5	7.0	36.0	28.0	169	1221 2021	120	71	19	2018	FLEX	ASPHT	RSC	2	1953	2002	2015	F CHIP SEAL				
JCT 32-HALLSON E TO CAVALIER																		2014	DIST	80	RIDE	2.90	PRPI	FAIR	IRI	113							
																		2015	DIST	90	RIDE	3.88	PRPI	GOOD	IRI	67							
																		2016	DIST	84	RIDE	3.92	PRPI	GOOD	IRI	65							
																		2017	DIST	84	RIDE	3.76	PRPI	GOOD	IRI	72							
																		2018	DIST	90	RIDE	3.69	PRPI	GOOD	IRI	75							
																		2019	DIST	92	RIDE	3.55	PRPI	GOOD	IRI	81							
																		2020	DIST	91	RIDE	3.67	PRPI	GOOD	IRI	76							
																		2021	DIST	90	RIDE	3.36	PRPI	GOOD	IRI	90							
																		2022	DIST	90	RIDE	3.45	PRPI	GOOD	IRI	85							
																		2023	DIST	88	RIDE	3.19	PRPI	GOOD	IRI	98							

2006 PCN 16168 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.  
2008 PCN 17215 - ROADWAY WIDENING FOR RIGHT AND LEFT TURN LANES FOR ICELANDIC STATE PARK AND PEMBINA COUNTY HISTORICAL SOCIETY.  
2018 PCN 22116 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)		AVERAGE RIDE, DISTRESS & RUT												
PT						FLT	AC	BLD	LC	TC	BC	RW	BP	RT						
302	2.97	86	0.14	109.00	GOOD	N/A	N/A	6	0	3	4	0	0	0	0					
303	2.61	87	0.14	127.00	POOR	N/A	N/A	6	0	0	4	0	0	2	0					
304	3.06	89	0.12	105.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0					
305	2.78	87	0.11	118.00	POOR	N/A	N/A	3	0	5	4	0	0	0	0					
306	3.56	90	0.11	81.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0					
307	3.42	89	0.14	87.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0					
308	3.50	89	0.14	84.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0					
309	3.70	88	0.13	74.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0					
310	3.48	87	0.15	85.00	GOOD	N/A	N/A	3	0	4	5	0	0	0	0					
311	2.72	85	0.16	121.00	POOR	N/A	N/A	6	0	0	6	0	0	2	0					
312	3.26	88	0.15	95.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0					
AVG	3.19	88	0.14	98.73	GOOD	N/A	N/A	4	0	3	4	0	0	0	0					

12 OCCURS	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1952	201				
	5.0 AGGREGATE BASE		34.0				1953					
	2.0 STABILIZED BASE		32.0				1953					
	2.5 HOT BIT PAVEMENT		22.0		120-150		1953	225	20			
	2.5 HOT BIT PAVEMENT		27.0		120-150		1983	933	10			
	CONTRACT CHIP SEAL		27.0		AE-150S		1985	123				
	CONTRACT CHIP SEAL		27.0		HFMS-2	42	1997	140		1464	1	
	1.5 HOT BIT SPECIAL 408		27.0		PG 58-28	27	2002	530	10	14859	1	
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2006	192		16168	1	
	-2.0 MILLING		29.0				2015			18336	1	
	2.0 HBP-SUPERPAVE-FAA 43		28.0		PG 58-28	SP	2015	1631	10	18336	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2018	329		22116	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
6	5	E		313.000	0.2570	313.000	0.4370	0.1800	16.5	24.0	16.5	8.0	12.0	63.0	57.0	216	3031 2021	250	28	28		CONCR	JOINT	RSC	2	1996	1996	1996	CPR/GRINDING																		
CAVALIER-RR TRACKS TO W. FIRST AVE																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																					
																		2023	DIST	82	RIDE	2.68	PRPI	POOR	IRI	123																					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE LJS	RIDE LC	DISTRESS TC	TJS	RUT FLT	BS	BP	CP
313	2.68	82	N/A	123.00	POOR	0.10	146	0	0	4	3	1	7	0	1	1
AVG	2.68	82	N/A	123.00	POOR	0.10	146	0	0	4	3	1	7	0	1	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		60.0				1996					
	12.0 AGGREGATE BASE		63.0				1996					
	8.0 NON-REINF PCC		57.0				1996	30				
	EDGE DRAIN						1996					
	CONCRETE PAVEMENT REPAIR						2016	179	17842		1	
	GRINDING	26.0					2016		17842		1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	5	E		313.000	0.4370	313.487	0.0000	0.0488	18.5	24.0	18.5	8.0	12.0	67.0	61.0	210	2785 2021	250	28	28			CONCR	JOINT	RSC	2	1996	1996	1996	CPR/GRINDING				
CAVALIER-W. FIRST AVE TO DIVISION																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
COMPONENTS											
CURB & GUTTER FACE-FACE		64.0				1996					
AGGREGATE BASE		67.0				1996					
8.0 NON-REINF PCC		61.0				1996		30			
EDGE DRAIN						1996					
CONCRETE PAVEMENT REPAIR						2016	49	17842		1	
GRINDING	26.0					2016		17842		1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
6	5	E		313.487	0.0000	313.487	0.0700	0.0700	16.5	24.0	10.0	8.0	12.0	56.5	50.5	275	2755 2021	382	28	28		CONCR	JOINT	RSC	2	1996	1996	1996	CPR/GRINDING																					
CAVALIER-DIV ST (MAIN TO ELIZABETH)																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVERAGE RIDE LJS	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE TJS	DISTRESS FLT	DISTRESS BS	DISTRESS BP	DISTRESS CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0 CURB & GUTTER FACE-FACE		53.0				1996					
8.0 AGGREGATE BASE		56.0				1996					
8.0 NON-REINF PCC		50.0				1996	30				
EDGE DRAIN						1996					
CONCRETE PAVEMENT REPAIR						2016	70	17842		1	
GRINDING	26.0					2016		17842		1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
6	5	E		313.487	0.0700	313.487	0.2930	0.2230	8.0	24.0	8.0	8.0	12.0	46.0	40.0	275	2755 2021	382	28	28			CONCR	JOINT	RSC	2	1996	1996	1996	CPR/GRINDING			
CAVALIER-DIV ST (ELIZABETH TO RIV)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT	LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		CURB & GUTTER FACE-FACE		43.0				1996					
	12.0	AGGREGATE BASE		46.0				1996					
	8.0	NON-REINF PCC		40.0				1996		30			
		EDGE DRAIN						1996					
		CONCRETE PAVEMENT REPAIR						2016	221	17842		1	
		GRINDING	26.0					2016		17842		1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	5	E		313.487	0.2930	314.000	0.0091	0.1913	6.0	24.0	6.0	8.0	12.0	42.0	36.0	251	2147 2021	341	28	28			CONCR JOINT RSC	2	1996	1996	1996	CPR/GRINDING																					
CAVALIER-DIV ST (RIVER TO CITY LIM)																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
COMPONENTS											
CURB & GUTTER FACE-FACE		39.0				1996					
AGGREGATE BASE		42.0				1996					
8.0 NON-REINF PCC		36.0				1996		30			
EDGE DRAIN						1996					
CONCRETE PAVEMENT REPAIR						2016	190	17842		1	
GRINDING	26.0					2016		17842		1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	5	E		314.000	0.0091	317.185	0.0000	3.1763	3.3	24.0	2.3	9.5	6.0	36.0	30.0	215	1242 2021	185	74	15		FLEX	ASPHT	RSC	2	1950	2011	2022	RAP-FAA 43																																																
CAVALIER TO JCT 18																		2014	DIST 90	RIDE 3.64	PRPI	GOOD	IRI 77	2015	DIST 89	RIDE 3.39	PRPI	GOOD	IRI 89	2016	DIST 87	RIDE 3.47	PRPI	GOOD	IRI 85	2017	DIST 84	RIDE 3.22	PRPI	GOOD	IRI 97	2018	DIST 89	RIDE 3.13	PRPI	GOOD	IRI 101	2019	DIST 84	RIDE 2.94	PRPI	POOR	IRI 110	2020	DIST 87	RIDE 3.14	PRPI	GOOD	IRI 100	2021	DIST 79	RIDE 2.73	PRPI	POOR	IRI 120	2022	DIST 99	RIDE 4.34	PRPI	GOOD	IRI 46	2023	DIST 95	RIDE 4.21	PRPI	GOOD	IRI 51

ACTUAL R.P. 314.027-322.240.  
2014 PCN 19138 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
314	3.97	96	0.09	62.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
315	4.28	96	0.14	48.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
316	4.24	93	0.14	50.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
317	4.36	94	0.12	45.00	GOOD	N/A	N/A	3	0	0	2	0	0	0
AVG	4.21	95	0.12	51.25	GOOD	N/A	N/A	2	0	0	3	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	STABILIZED BASE		36.0				1940	19				
2.0	HOT BIT PAVEMENT		32.0				1941	37				
2.0	HOT BIT PAVEMENT		24.0				1950					
2.0	HOT BIT PAVEMENT		22.0		120-150		1950	65	20			
2.0	HOT BIT PAVEMENT		27.0		120-150		1983	201	8			
	CONTRACT CHIP SEAL		27.0		AE-150S		1985	29				
1.5	HOT BIT PAVEMENT	2.0	24.0	2.0	120-150	27	1998	101	10	12169		1
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2000	25		13531		1
2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	SP	2011	494	10	17843		1
	CONTRACT CHIP SEAL		24.0		CRS2P	41	2014	92		19138		1
-2.0	MILLING		31.0				2022			23295		1
2.0	RAP-SUPERPAVE FAA 43		24.0	2.3	PG58S-34	SP	2022	870	7	23295		1



NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
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ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																															
6	5	E		317.185	0.0000	322.180	0.0000	4.9941	3.3	24.0	2.3	9.5	6.0	36.0	30.0	165	1030 2021	130	74	15			FLEX	ASPHT	RSC	1	1950	2011	2022	RAP-FAA 43																																															
JCT 18 TO JCT 81 HAMILTON																		2014	DIST 88	RIDE 3.74	PRPI	GOOD	IRI 73	2015	DIST 89	RIDE 3.49	PRPI	GOOD	IRI 84	2016	DIST 86	RIDE 3.58	PRPI	GOOD	IRI 80	2017	DIST 87	RIDE 3.24	PRPI	GOOD	IRI 96	2018	DIST 91	RIDE 3.17	PRPI	GOOD	IRI 99	2019	DIST 89	RIDE 3.05	PRPI	GOOD	IRI 105	2020	DIST 89	RIDE 3.32	PRPI	GOOD	IRI 92	2021	DIST 87	RIDE 2.89	PRPI	POOR	IRI 113	2022	DIST 99	RIDE 4.48	PRPI	GOOD	IRI 40	2023	DIST 95	RIDE 4.33	PRPI	GOOD	IRI 46

ACTUAL R.P. 314.027-322.240.  
2014 PCN 19138 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT	
317	4.36	94	0.12	45.00	GOOD	N/A	N/A	3	0	0	2	0	0	0
318	4.44	93	0.11	42.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
319	4.38	96	0.08	44.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
320	4.37	96	0.08	45.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
321	4.43	96	0.07	42.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
322	4.00	97	0.08	61.00	GOOD	N/A	N/A	0	0	0	2	0	0	0
AVG	4.33	95	0.09	46.50	GOOD	N/A	N/A	1	0	0	3	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1940	30				
6.0	STABILIZED BASE		32.0				1941	58				
2.0	HOT BIT PAVEMENT		24.0				1950					
2.0	HOT BIT PAVEMENT		22.0		120-150		1950	102	20			
2.0	HOT BIT PAVEMENT		27.0		120-150		1983	316	8			
	CONTRACT CHIP SEAL		27.0		AE-150S		1985	45				
1.5	HOT BIT PAVEMENT	2.0	24.0	2.0	120-150	27	1998	160	10	12169		1
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2000	39		13531		1
2.0	HBP-SUPERPAVE-FAA 45	3.0	24.0	3.0	PG 58-28	SP	2011	777	10	17843		1
	CONTRACT CHIP SEAL		24.0		CRS2P	41	2014	145		19138		1
-2.0	MILLING		31.0				2022			23295		1
2.0	RAP-SUPERPAVE FAA 43	3.3	24.0	2.3	PG58S-34	SP	2022	1368	7	23295		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	5	E		332.003	0.0000	335.813	0.0000	3.8038	9.0	24.0	7.0	3.5	9.0	48.0	40.0	120	315 2021	116	50	21	2015	FLEX	ASPHT	RCR	1	1974	2013	2013	F CHIP SEAL				
JCT I-29 JOLIETTE E TO RED RIVER																		2014	DIST	84	RIDE	4.07	PRPI	GOOD	IRI	58							
																		2015	DIST	81	RIDE	3.82	PRPI	GOOD	IRI	69							
																		2016	DIST	78	RIDE	3.64	PRPI	GOOD	IRI	78							
																		2017	DIST	82	RIDE	3.63	PRPI	GOOD	IRI	77							
																		2018	DIST	92	RIDE	3.39	PRPI	GOOD	IRI	88							
																		2019	DIST	89	RIDE	3.12	PRPI	GOOD	IRI	102							
																		2020	DIST	91	RIDE	3.55	PRPI	GOOD	IRI	81							
																		2021	DIST	86	RIDE	3.11	PRPI	GOOD	IRI	101							
																		2022	DIST	87	RIDE	3.43	PRPI	GOOD	IRI	87							
																		2023	DIST	89	RIDE	3.06	PRPI	GOOD	IRI	104							

2006 PCN 16180 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.  
2017 PCN 21901 - MILL, PATCH, & HMA OVERLAY RP 335.288 TO RP 335.686  
2023 PCN 23895 - CONTRACT PATCHING RP'S 334.932 - 335.132

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT		
332	2.76	87	0.14	119.00	POOR	N/A	N/A	3	0	3	4	0	0	2	0
333	3.05	88	0.15	105.00	GOOD	N/A	N/A	3	0	2	4	0	0	2	0
334	3.01	90	0.13	107.00	GOOD	N/A	N/A	3	0	2	2	0	0	2	0
335	3.41	89	0.18	88.00	GOOD	N/A	N/A	0	0	2	2	0	0	6	0
AVG	3.06	89	0.15	104.75	GOOD	N/A	N/A	2	0	2	3	0	0	3	0

11 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WIDTH (FT)	WIDTH (FT)	WIDTH (FT)	TYPE	AGG	YEAR	THOUS LFE	PCN	SUB	H
GRADE		48.0				1966	138			
3.0 AGGREGATE BASE		48.0				1966	38			
6.0 BITUMINOUS BASE		44.0		SM-K		1969	185			
2.0 HOT BIT PAVEMENT		24.0		200-300		1974	98	20		
CONTRACT CHIP SEAL		24.0		HFMS-2		1993	23			
1.5 HOT BIT SPECIAL 408		24.0		PG 58-28	27	2002	175		14770	1
FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2006	57		16180	1
-1.5 MILLING		27.0				2013			20169	1
1.5 HBP-SUPERPAVE-FAA 43		26.0		PG 58-28	SP	2013	1168	10	20169	1
1.5 AGGREGATE BASE	8.0		6.0		04	2013			20169	1
FEDERAL AID CHIP SEAL		26.0		CRS-2	41	2015	121		20916	1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	15	E		89.872	0.0000	106.836	0.0000	16.9606	1.4	24.0	1.5	6.0	8.0	45.0	26.9	53	596 2021	38	12	12		FLEX	ASPHT	RCR	2	2012	2022	2022	RAP-FAA 43
APPROX.7 M. W OF JCT 32 E TO JCT 18																		2014	DIST 89	RIDE 4.06	PRPI	GOOD	IRI	58					
																		2015	DIST 88	RIDE 3.84	PRPI	GOOD	IRI	67					
																		2016	DIST 82	RIDE 3.77	PRPI	GOOD	IRI	71					
																		2017	DIST 84	RIDE 3.59	PRPI	GOOD	IRI	79					
																		2018	DIST 90	RIDE 3.43	PRPI	GOOD	IRI	86					
																		2019	DIST 89	RIDE 3.38	PRPI	GOOD	IRI	89					
																		2020	DIST 85	RIDE 3.38	PRPI	GOOD	IRI	89					
																		2021	DIST 89	RIDE 3.09	PRPI	GOOD	IRI	103					
																		2022	DIST 84	RIDE 2.94	PRPI	GOOD	IRI	110					
																		2023	DIST 96	RIDE 4.37	PRPI	GOOD	IRI	44					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)		AVERAGE RIDE, DISTRESS & RUT									
						FLT	AC	BLD	LC	TC	BC	RW	BP	RT			
90	4.32	93	0.08	47.00	GOOD	N/A	N/A	0	0	4	2	0	0	0			
91	4.30	97	0.08	47.00	GOOD	N/A	N/A	0	0	2	0	0	0	0			
92	4.41	97	0.08	43.00	GOOD	N/A	N/A	0	0	2	0	0	0	0			
93	4.30	97	0.07	47.00	GOOD	N/A	N/A	0	0	2	0	0	0	0			
94	4.33	96	0.07	47.00	GOOD	N/A	N/A	0	0	3	0	0	0	0			
95	4.45	96	0.07	41.00	GOOD	N/A	N/A	0	0	3	0	0	0	0			
96	4.42	97	0.07	43.00	GOOD	N/A	N/A	0	0	2	0	0	0	0			
97	4.33	96	0.07	47.00	GOOD	N/A	N/A	0	0	3	0	0	0	0			
98	4.34	96	0.07	46.00	GOOD	N/A	N/A	0	0	3	0	0	0	0			
99	4.36	97	0.07	45.00	GOOD	N/A	N/A	0	0	2	0	0	0	0			
100	4.42	97	0.06	42.00	GOOD	N/A	N/A	0	0	2	0	0	0	0			
101	4.34	96	0.07	46.00	GOOD	N/A	N/A	0	0	3	0	0	0	0			
102	4.37	96	0.07	44.00	GOOD	N/A	N/A	0	0	3	0	0	0	0			
103	4.39	96	0.08	44.00	GOOD	N/A	N/A	0	0	3	0	0	0	0			
104	4.41	97	0.08	43.00	GOOD	N/A	N/A	0	0	2	0	0	0	0			
105	4.51	96	0.08	39.00	GOOD	N/A	N/A	0	0	3	0	0	0	0			
106	4.32	97	0.09	47.00	GOOD	N/A	N/A	0	0	2	0	0	0	0			
AVG	4.37	96	0.07	44.59	GOOD	N/A	N/A	0	0	2	0	0	0	0			

13 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS	(FT)	(FT)	(FT)								
GRADE	38.0					1962	243				
3.3 SALVAGED BIT BASE		29.0				1991	131				
4.7 AGGREGATE BASE		32.0				1991	483				
4.5 RECYCLED HOT BIT PAVMNT SAFETY PROJECT		26.0		200-300		1991	2454	20			
CONTRACT SAND SEAL		26.0		HFMS-2		1993	101				
CONTRACT CHIP SEAL	1.0	24.0	1.0	HFMS-2	43	1999	157		12967	1	
3.5 COLD IN-PLACE RECYCLING		26.0				2012			17833	1	
1.5 HBP-SUPERPAVE-FAA 44		25.0		PG 58-34	SP	2012	3743	20	17833	1	
CONTRACT CHIP SEAL		25.0		CRS2P	41	2014	436		18955	1	
-2.0 MILLING		26.5				2022			23474	1	
2.0 RAP-SUPERPAVE FAA 43	.5	24.0	.5	PG58S-34	SP	2022	3577	7	23474	1	
2.0 RECYCLED HOT BIT PAVMNT	.9		1.0	PG58S-34	SP	2022			23474	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
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ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
6	15	E		106.836	0.0000	107.000	0.9340	1.0975	2.9	24.0	2.5	5.5	8.0	43.0	29.4	200	1305 2021	152	12	12		FLEX	ASPHT	RSC	2	2012	2022	2022	RAP-FAA 43							
JCT 18_E TO 1 MILE W NORTHWOOD																		2014	DIST	85	RIDE	3.91	PRPI	GOOD	IRI	65										
																		2015	DIST	82	RIDE	3.88	PRPI	GOOD	IRI	66										
																		2016	DIST	85	RIDE	3.76	PRPI	GOOD	IRI	72										
																		2017	DIST	76	RIDE	3.69	PRPI	GOOD	IRI	75										
																		2018	DIST	92	RIDE	3.36	PRPI	GOOD	IRI	90										
																		2019	DIST	85	RIDE	3.51	PRPI	GOOD	IRI	83										
																		2020	DIST	83	RIDE	3.26	PRPI	GOOD	IRI	95										
																		2021	DIST	84	RIDE	3.26	PRPI	GOOD	IRI	95										
																		2022	DIST	81	RIDE	2.80	PRPI	GOOD	IRI	117										
																		2023	DIST	97	RIDE	4.42	PRPI	GOOD	IRI	62										

2014 PCN 18955 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
107	4.42	97	0.08	42.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
AVG	4.42	97	0.08	42.00	GOOD	N/A	N/A	0	0	2	0	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1961	15				
3.3	SALVAGED BIT BASE		29.0				1991	8				
4.7	AGGREGATE BASE		32.0				1991	29				
4.5	RECYCLED HOT BIT PAVMNT SAFETY PROJECT		26.0		200-300		1991	149	20			
	CONTRACT SAND SEAL		26.0		HFMS-2		1993	6				
3.5	COLD IN-PLACE RECYCLING		26.0				2012			17833		1
1.5	HBP-SUPERPAVE-FAA 44		24.0		PG 58-34	SP	2012	42	20	17833		1
	CONTRACT CHIP SEAL		24.0		CRS2P	41	2014	29		18955		1
-2.0	MILLING		29.2				2022			23474		1
2.0	RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG58S-34	SP	2022	231	7	23474		1
2.0	RECYCLED HOT BIT PAVMNT	.9		.5	PG58S-34	SP	2022			23474		1



ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	15	E		114.902	0.0000	134.137	0.0000	19.3085	2.0	24.0	2.0	5.0	8.0	38.0	28.0	215	1727 2021	118	10	10	2016	FLEX	ASPHT	RCR	2	2014	2014	2014	F CHIP SEAL
E JCT 18 EAST TO I-29																		2014	DIST	88	RIDE	3.40	PRPI	GOOD	IRI	88			
																		2015	DIST	94	RIDE	4.35	PRPI	GOOD	IRI	45			
																		2016	DIST	92	RIDE	4.18	PRPI	GOOD	IRI	53			
																		2017	DIST	89	RIDE	4.20	PRPI	GOOD	IRI	52			
																		2018	DIST	93	RIDE	4.07	PRPI	GOOD	IRI	57			
																		2019	DIST	96	RIDE	4.19	PRPI	GOOD	IRI	53			
																		2020	DIST	94	RIDE	4.12	PRPI	GOOD	IRI	55			
																		2021	DIST	97	RIDE	4.11	PRPI	GOOD	IRI	56			
																		2022	DIST	94	RIDE	3.96	PRPI	GOOD	IRI	63			
																		2023	DIST	92	RIDE	3.97	PRPI	GOOD	IRI	63			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)	AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
115	4.12	93	0.13	55.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	
116	4.04	93	0.15	59.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	
117	4.06	93	0.14	59.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	
118	3.97	93	0.14	63.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	
119	3.93	97	0.13	64.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	
120	4.10	90	0.13	57.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0	
121	4.03	97	0.15	59.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	
122	4.26	94	0.13	49.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0	
123	4.21	94	0.13	52.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0	
124	4.20	91	0.12	52.00	GOOD	N/A	N/A	3	0	3	2	0	0	0	0	
125	3.90	90	0.11	66.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0	
126	4.16	87	0.10	54.00	GOOD	N/A	N/A	3	0	7	2	0	0	0	0	
127	4.33	94	0.12	46.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0	
128	4.35	94	0.12	46.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0	
129	4.34	97	0.13	46.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	
130	4.16	87	0.14	54.00	GOOD	N/A	N/A	3	0	7	2	0	0	0	0	
131	4.10	93	0.13	57.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	
132	3.84	93	0.15	68.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	
133	3.80	88	0.17	70.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	6	
134	1.57	81	0.21	187.00	POOR	N/A	N/A	3	0	4	3	0	0	2	6	
AVG	3.97	92	0.14	63.15	GOOD	N/A	N/A	3	0	1	2	0	0	0	1	

9 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WIDTH (FT)	WIDTH (FT)	WIDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE		
3.0		38.0				1955	228			
3.0		31.0				1989	426			
3.5		28.0		200-300		1989	1992	10		
						1989				
		28.0		HFMS-2		1991	176			
	3.0	24.0	3.0	HFMS-2	43	2002	200		14995	1
-1.0		28.0				2014			16799	1
2.5		28.0		PG 58-28	SP	2014	4513	20	16799	1
		28.0		CRS2P	41	2016	494		18337	1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
6	15	E		134.137	0.0000	134.137	0.0000		8.0	24.0	8.0	6.0	4.0	48.0	40.0	N/A	N/A	N/A	55	55			FLEX	ASPHT	RCR	2	1969	1969	1969	OVERLAY(HBP)																					
I-29 OVERHEAD																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

5 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1968	84				
		4.0 BITUMINOUS BASE		45.0		85-100		1968	17				
		4.0 HOT BIT PAVEMENT		40.0				1969					
		2.0 HOT BIT PAVEMENT		24.0		85-100		1969	11	20			
		CONTRACT CHIP SEAL				RC-800		1969					

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	17	E		77.000	0.9620	78.000	0.2800	0.3070	7.5	24.0	7.5	5.5	9.0	43.0	39.0	55	344 2022	41	12	12		FLEX	ASPHT	RCR	2	2012	2022	2022	RAP-FAA 43																																																
EDMORE-W EDGE OF CITY TO MADISON ST																		2014	DIST 88	RIDE 3.69	PRPI	GOOD	IRI 75	2015	DIST 88	RIDE 3.71	PRPI	GOOD	IRI 74	2016	DIST 89	RIDE 3.60	PRPI	GOOD	IRI 79	2017	DIST 85	RIDE 3.51	PRPI	GOOD	IRI 83	2018	DIST 89	RIDE 3.28	PRPI	GOOD	IRI 94	2019	DIST 91	RIDE 3.30	PRPI	GOOD	IRI 93	2020	DIST 90	RIDE 3.05	PRPI	GOOD	IRI 105	2021	DIST 88	RIDE 3.01	PRPI	GOOD	IRI 107	2022	DIST 99	RIDE 3.87	PRPI	GOOD	IRI 67	2023	DIST 93	RIDE 4.02	PRPI	GOOD	IRI 60

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
78	4.02	93	0.10	60.00	GOOD	N/A	N/A	3	0	2	1	0	0	0
AVG	4.02	93	0.10	60.00	GOOD	N/A	N/A	3	0	2	1	0	0	0

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		42.0				1950	5				
7.0	AGGREGATE BASE		39.0				1955					
2.0	STABILIZED BASE		39.0				1955					
3.0	HOT BIT PAVEMENT		39.0		120-150		1955	7	20			
1.5	HOT BIT PAVEMENT		39.0		200-300		1972	2	10			
-2.5	MILLING		39.0				1996					
3.5	HOT BIT PAVEMENT		39.0		120-150	29	1996	16	20			
	CONTRACT CHIP SEAL		24.0		MC-3000		1996	2				
-2.0	MILLING		39.0				2012			19816		1
2.0	HBP-SUPERPAVE-FAA 42		39.0		PG 58-28	SP	2012	98	20	19846		1
	CONTRACT CHIP SEAL		39.0		CRS2P	41	2014	9		20462		1
-2.0	MILLING		39.0				2022			22593		1
2.0	RAP-SUPERPAVE FAA 43		39.0		PG58S-34	SP	2022	66	7	22593		1



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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	17	E		78.000	0.2800	78.000	0.3400	0.0600	6.5	24.0	6.5	4.0	34.0	43.0	37.0	55	345 2022	67	12	12		FLEX	ASPHT	RCR	2	2012	2022	2022	RAP-FAA 43				
EDMORE-MADISON ST TO E EDGE EDMO RE																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPH (IN) COMPONENTS											
CURB & GUTTER FACE-FACE			40.0			1996					
34.0 AGGREGATE BASE			43.0			1996					
4.0 HOT BIT PAVEMENT			37.0	120-150	29	1996	8	20			
CONTRACT CHIP SEAL			37.0	MC-3000		1996	1				
-2.0 MILLING			37.0			2012		19816		1	
2.0 HBP-SUPERPAVE-FAA 42			37.0	PG 58-28	SP	2012	19	20	19816	1	
CONTRACT CHIP SEAL			37.0	CRS2P	41	2014	2		20462	1	
-2.0 MILLING			37.0			2022			22593	1	
2.0 RAP-SUPERPAVE FAA 43			37.0	PG58S-34	SP	2022	13	7	22593	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	17	E		78.000	0.3400	82.122	0.0000	3.1262	6.0	24.0	6.0	4.0	10.0	50.0	36.0	55	301 2022	41	12	12		FLEX	ASPHT	RCR	2	2012	2022	2022	RAP-FAA 43																																																
E EDGE EDMORE TO JCT 1																		2014	DIST 88	RIDE 3.68	PRPI	GOOD	IRI 76	2015	DIST 87	RIDE 3.52	PRPI	GOOD	IRI 84	2016	DIST 89	RIDE 3.46	PRPI	GOOD	IRI 86	2017	DIST 85	RIDE 3.30	PRPI	GOOD	IRI 94	2018	DIST 92	RIDE 3.60	PRPI	GOOD	IRI 79	2019	DIST 94	RIDE 3.66	PRPI	GOOD	IRI 76	2020	DIST 87	RIDE 3.57	PRPI	GOOD	IRI 80	2021	DIST 87	RIDE 3.24	PRPI	GOOD	IRI 96	2022	DIST 96	RIDE 3.95	PRPI	GOOD	IRI 63	2023	DIST 95	RIDE 4.00	PRPI	GOOD	IRI 61

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
79	4.50	96	0.13	39.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
80	4.30	97	0.13	48.00	GOOD	N/A	N/A	0	0	0	2	0	0	0
81	4.13	96	0.11	55.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
82	3.06	92	0.09	104.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	4.00	95	0.12	61.50	GOOD	N/A	N/A	1	0	0	3	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
10.0	AGGREGATE BASE		50.0				1995					
4.0	HOT BIT PAVEMENT		40.0				1995	1293				
3.0	AGGREGATE BASE	4.5	27.0	4.5	120-150	29	1996	248	20			
	CONTRACT CHIP SEAL		27.0		MC-3000		1996	34				
-2.0	MILLING		27.0				2012			19816		1
2.0	HBP-SUPERPAVE-FAA 42		27.0		PG 58-28	SP	2012	1002	20	19816		1
	CONTRACT CHIP SEAL		27.0		CRS2P	41	2014	91		20462		1
-2.0	MILLING		28.9				2022			22593		1
2.0	RAP-SUPERPAVE FAA 43		27.0		PG58S-34	SP	2022	672	7	22593		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	17	E		82.122	0.0000	96.000	0.9730	14.8148	0.9	24.0	0.9	6.5	7.0	34.0	25.8	73	409 2021	44	52	19	2021	FLEX	ASPHT	RCR	2	1972	2009	2018	F CHIP SEAL																																																																														
JCT 1 E TO ADAMS																		2014	DIST	82	RIDE	2.67	PRPI	POOR	IRI	123	2015	DIST	82	RIDE	2.64	PRPI	POOR	IRI	125	2016	DIST	74	RIDE	2.05	PRPI	POOR	IRI	157	2017	DIST	74	RIDE	2.31	PRPI	POOR	IRI	142	2018	DIST	99	RIDE	4.06	PRPI	GOOD	IRI	58	2019	DIST	99	RIDE	4.22	PRPI	GOOD	IRI	51	2020	DIST	90	RIDE	3.97	PRPI	GOOD	IRI	62	2021	DIST	90	RIDE	3.47	PRPI	GOOD	IRI	85	2022	DIST	90	RIDE	3.52	PRPI	GOOD	IRI	83	2023	DIST	90	RIDE	3.33	PRPI	GOOD	IRI	91

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
83	3.46	90	0.08	86.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
84	3.50	91	0.07	84.00	GOOD	N/A	N/A	3	0	0	5	0	0	0
85	3.40	87	0.07	89.00	GOOD	N/A	N/A	3	0	4	5	0	0	0
86	3.34	92	0.08	91.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
87	3.30	92	0.07	93.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
88	3.34	91	0.06	91.00	GOOD	N/A	N/A	3	0	0	5	0	0	0
89	3.40	92	0.07	88.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
90	3.48	89	0.06	85.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
91	3.53	89	0.06	83.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
92	3.27	91	0.07	94.00	FAIR	N/A	N/A	3	0	0	3	0	0	2
93	3.08	87	0.08	103.00	GOOD	N/A	N/A	3	0	4	3	0	0	2
94	3.04	90	0.08	106.00	GOOD	N/A	N/A	3	0	0	4	0	0	2
95	3.32	88	0.08	92.00	GOOD	N/A	N/A	3	0	4	4	0	0	0
96	3.19	87	0.08	98.00	GOOD	N/A	N/A	3	0	3	4	0	0	2
AVG	3.33	90	0.07	91.64	GOOD	N/A	N/A	3	0	2	4	0	0	1

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1951	172				
	RESHAPED		34.0				1956					
5.0	AGGREGATE BASE		31.0				1956					
2.0	STABILIZED BASE		30.0				1956					
2.5	HOT BIT PAVEMENT		24.0		120-150		1956	370	20			
1.5	HOT BIT PAVEMENT		24.0		200-300		1972	247	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	112				
	MICROSURFACING		25.0				2005	381		16237		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2009	1049	7	17699		1
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2013	383		18939		1
-1.0	MILLING		24.0				2018	1452		21887		1
2.0	HBP-SUPERPAVE-FAA 43		25.8		PG 58-28	SP	2018		7	21887		1
	FEDERAL AID CHIP SEAL		25.8		CRS2P	11	2021	395		23080		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	17	E		96.000	0.9730	106.314	0.0000	9.3648	7.5	24.0	7.5	5.0	5.0	42.0	39.0	145	645 2021	75	57	18	2019	FLEX	ASPHT	RCR	2	1967	2005	2016	F CHIP SEAL
ADAMS TO JCT 32																		2014	DIST 78	RIDE 2.98	PRPI	FAIR	IRI 108						
																		2015	DIST 77	RIDE 2.80	PRPI	FAIR	IRI 117						
																		2016	DIST 91	RIDE 3.81	PRPI	GOOD	IRI 69						
																		2017	DIST 84	RIDE 4.03	PRPI	GOOD	IRI 59						
																		2018	DIST 91	RIDE 3.41	PRPI	GOOD	IRI 87						
																		2019	DIST 91	RIDE 3.71	PRPI	GOOD	IRI 74						
																		2020	DIST 91	RIDE 3.40	PRPI	GOOD	IRI 88						
																		2021	DIST 91	RIDE 3.32	PRPI	GOOD	IRI 91						
																		2022	DIST 92	RIDE 3.13	PRPI	GOOD	IRI 101						
																		2023	DIST 90	RIDE 3.14	PRPI	GOOD	IRI 100						

2008 PCN 17246 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
97	3.17	92	0.10	99.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
98	3.14	90	0.11	100.00	FAIR	N/A	N/A	3	0	0	4	0	0	2
99	3.13	89	0.10	101.00	GOOD	N/A	N/A	3	0	1	4	0	0	2
100	3.00	87	0.11	107.00	FAIR	N/A	N/A	3	0	3	6	0	0	0
101	3.25	88	0.10	95.00	GOOD	N/A	N/A	3	0	3	5	0	0	0
102	3.10	89	0.11	102.00	GOOD	N/A	N/A	3	0	1	4	0	0	2
103	3.07	88	0.11	104.00	GOOD	N/A	N/A	3	0	4	4	0	0	0
104	3.38	90	0.12	89.00	GOOD	N/A	N/A	3	0	3	3	0	0	0
105	3.03	95	0.14	106.00	GOOD	N/A	N/A	0	0	0	2	0	0	2
106	3.16	88	0.14	100.00	FAIR	N/A	N/A	3	0	3	3	0	0	2
AVG	3.14	90	0.11	100.30	GOOD	N/A	N/A	3	0	2	4	0	0	1

12 OCCURS DPTH (IN)	COMPONENTS	L SHL WIDTH (FT)	RDWY WIDTH (FT)	RS HL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		42.0				1966	213				
5.0	AGGREGATE BASE		39.0				1966	72				
2.0	HOT BIT PAVEMENT		24.0		120-150		1967	122	20			
1.5	HOT BIT PAVEMENT		24.0		120-150		1972	153	10			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	70				
1.5	HOT BIT PAVEMENT		27.0		PG 58-28	27	2005	556	10	14858	1	
4.5	AGGREGATE BASE	2.0		2.0		04	2005			14858	1	
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2008	171		17246	1	
3.5	BLENDED BASE	4.0		4.0			2014			20702	1	
-2.0	MILLING		28.0				2016			21276	1	
2.0	HBP-SUPERPAVE-FAA 43		27.0		PG 58-28	SP	2016	894	10	21276	1	
	FEDERAL AID CHIP SEAL		27.0		CRS2P	11	2019	289		22410	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	17	E		106.314	0.0000	111.000	0.3100	4.9956	7.5	24.0	7.5	7.0	7.0	48.0	39.0	241	1609 2021	178	32	20	2020	FLEX	ASPHT	RCR	2	1992	2017	2017	F CHIP SEAL
JCT 32 E TO PARK RIVER																		2014 DIST 87 RIDE 3.60 PRPI GOOD IRI 79											
																		2015 DIST 87 RIDE 3.57 PRPI GOOD IRI 80											
																		2016 DIST 85 RIDE 3.49 PRPI GOOD IRI 84											
																		2017 DIST 90 RIDE 4.01 PRPI GOOD IRI 61											
																		2018 DIST 94 RIDE 3.94 PRPI GOOD IRI 63											
																		2019 DIST 94 RIDE 3.89 PRPI GOOD IRI 66											
																		2020 DIST 94 RIDE 3.82 PRPI GOOD IRI 69											
																		2021 DIST 94 RIDE 3.58 PRPI GOOD IRI 80											
																		2022 DIST 90 RIDE 3.80 PRPI GOOD IRI 70											
																		2023 DIST 93 RIDE 3.83 PRPI GOOD IRI 68											

2008 PCN 16800 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT									
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
107	3.35	94	0.11	90.00	GOOD	N/A	N/A	0	0	2	3	0	0	0	0
108	4.01	91	0.08	61.00	GOOD	N/A	N/A	0	0	4	4	0	0	0	0
109	4.08	93	0.08	58.00	GOOD	N/A	N/A	0	0	2	4	0	0	0	0
110	3.88	92	0.09	66.00	GOOD	N/A	N/A	0	0	4	3	0	0	0	0
AVG	3.83	93	0.09	68.75	GOOD	N/A	N/A	0	0	3	4	0	0	0	0

13 OCCURS													LSHL	RDWY	RSHL								
DPTH (IN) COMPONENTS													WDTH (FT)	WDTH (FT)	WDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE													48.0					1966	114				
5.0 AGGREGATE BASE													45.0					1966	38				
2.0 HOT BIT PAVEMENT													24.0			120-150		1967	66				
2.0 HOT BIT PAVEMENT													24.0			200-300		1975	162	20			
2.0 HOT BIT PAVEMENT													4.5		4.5	200-300		1975					
3.0 HOT BIT PAVEMENT													24.0			120-150		1992	406	20			
SAFETY PROJECT																		1992					
2.0 HOT BIT PAVEMENT													8.0		8.0	120-150		1992					
CONTRACT CHIP SEAL													24.0			HFMS-2		1996	62				
MICROSURFACING													24.0				MC	2008	343		16800	1	
-2.0 MILLING													2.0	24.0	2.0			2017	507		21603	1	
2.0 HBP-SUPERPAVE-FAA 43													2.0	24.0	2.0	PG 58-28	SP	2017		7	21603	1	
FEDERAL AID CHIP SEAL													24.0			CRS2P	11	2020	174		22686	1	

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D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	17	E		111.000	0.3100	112.000	0.0630	0.7513	10.5	24.0	10.5	6.0	12.0	49.0	45.0	328	3369 2021	318	10	10	2017	FLEX	ASPHT	RCR	2	2014	2014	2014	F CHIP SEAL																																																																														
MUNICIPAL STA 757 TO 797 PARK RIVER																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	90	RIDE	2.43	PRPI	POOR	IRI	136

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) AVG NUM FLT	AC	BLD	LC	TC	BC	RW	BP	RT
111	2.43	90	0.14	136.00	POOR	N/A	N/A	3	0	2	2	0	0	2	0
AVG	2.43	90	0.14	136.00	POOR	N/A	N/A	3	0	2	2	0	0	2	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1967		9			
	CURB & GUTTER FACE-FACE		45.0				1967					
12.0	LIME TREATED SUBGRADE		45.0				1967					
4.0	HOT BIT PAVEMENT		45.0		85-100		1967					
2.0	HOT BIT PAVEMENT		45.0		85-100		1967	148	20			
-6.0	MILLING		45.0				1989					
6.0	HOT BIT PAVEMENT		45.0		120-150		1989	476	8			
	MICROSURFACING		45.0			MC	2008	52		16800		1
-2.0	MILLING		45.0				2014			18943		1
2.0	HBP-SUPERPAVE-FAA 43		45.0		PG 58-28	SP	2014	105	20	18943		1
	FEDERAL AID CHIP SEAL		45.0		CRS2P	41	2017	18		21782		1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	17	E		112.000	0.0630	112.000	0.8480	0.7850	10.5	24.0	10.5	4.5	18.0	49.0	45.0	315	3100 2021	198	10	10	2017	FLEX	ASPHT	RCR	2	2014	2014	2014	F CHIP SEAL				
MUNICIPAL 11 TO 52 E PARK RIVER																		2014	DIST	89	RIDE	4.12	PRPI	GOOD	IRI	56							
																		2015	DIST	86	RIDE	3.79	PRPI	GOOD	IRI	70							
																		2016	DIST	79	RIDE	4.03	PRPI	GOOD	IRI	59							
																		2017	DIST	79	RIDE	3.37	PRPI	GOOD	IRI	90							
																		2018	DIST	90	RIDE	3.71	PRPI	GOOD	IRI	74							
																		2019	DIST	96	RIDE	3.07	PRPI	GOOD	IRI	104							
																		2020	DIST	86	RIDE	3.47	PRPI	GOOD	IRI	85							
																		2021	DIST	86	RIDE	2.87	PRPI	GOOD	IRI	113							
																		2022	DIST	85	RIDE	3.16	PRPI	GOOD	IRI	100							
																		2023	DIST	81	RIDE	2.74	PRPI	GOOD	IRI	120							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
112	2.74	81	0.15	120.00	GOOD	N/A	N/A	3	0	4	3	0	2	6
AVG	2.74	81	0.15	120.00	GOOD	N/A	N/A	3	0	4	3	0	2	6

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1975	141				
	CURB & GUTTER FACE-FACE		45.0				1975					
	8.0 HOT BIT PAVEMENT		45.0		120-150		1975	113	20			
	-8.0 MILLING		45.0				1994					
	8.0 AGGREGATE BASE		45.0				1994					
	10.0 BLENDED BASE		45.0				1994					
	4.5 HOT BIT PAVEMENT		45.0		120-150		1994	342	20			
	EDGE DRAIN		41.0				1994					
	CONTRACT CHIP SEAL		24.0		HFMS-2		1996	5				
	MICROSURFACING		45.0			MC	2008	54	16800		1	
	-2.0 MILLING		45.0				2014		18943		1	
	2.0 HBP-SUPERPAVE-FAA 43		45.0		PG 58-28	SP	2014	110	20	18943	1	
	FEDERAL AID CHIP SEAL		45.0		CRS2P	41	2017	18	21782		1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	17	E		112.000	0.8480	117.243	0.0000	4.3922	11.0	24.0	11.0	7.5	7.5	58.0	46.0	285	2459 2021	180	10	10	2017	FLEX	ASPHT	RSC	2	2014	2014	2014	F CHIP SEAL
PARK RIVER E TO S JCT 18																													
2017 PCN 21782 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																													
2014 DIST 91 RIDE 4.21 PRPI GOOD IRI 52																													
2015 DIST 87 RIDE 3.93 PRPI GOOD IRI 64																													
2016 DIST 85 RIDE 3.94 PRPI GOOD IRI 63																													
2017 DIST 84 RIDE 3.68 PRPI GOOD IRI 75																													
2018 DIST 92 RIDE 3.49 PRPI GOOD IRI 84																													
2019 DIST 94 RIDE 3.57 PRPI GOOD IRI 80																													
2020 DIST 92 RIDE 3.48 PRPI GOOD IRI 84																													
2021 DIST 92 RIDE 3.25 PRPI GOOD IRI 95																													
2022 DIST 90 RIDE 3.16 PRPI GOOD IRI 100																													
2023 DIST 87 RIDE 3.00 PRPI GOOD IRI 107																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RUT, TC	RT, BC	RT, RW	RT, BP	RT, RT
113	3.04	82	0.15	105.00	GOOD	N/A	N/A	6	0	6	3	0	0	2	0
114	2.95	92	0.13	109.00	FAIR	N/A	N/A	3	0	0	4	0	0	0	0
115	3.17	86	0.12	99.00	GOOD	N/A	N/A	3	0	4	4	0	0	2	0
116	2.94	87	0.14	110.00	GOOD	N/A	N/A	3	0	4	3	0	0	2	0
117	2.89	86	0.13	112.00	GOOD	N/A	N/A	3	0	4	4	0	0	2	0
AVG	3.00	87	0.13	107.00	GOOD	N/A	N/A	4	0	4	4	0	0	2	0

18 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0 STABILIZED BASE GRADE	36.0					1940					
1.5 COLD BITUMINOUS PAVEMENT	22.0					1941	52	20			
1.5 HOT BIT PAVEMENT	32.0			120-150		1956					
1.5 HOT BIT PAVEMENT WIDENING	24.0			120-150		1956	104	20			
2.0 HOT BIT PAVEMENT	58.0					1974	205				
2.0 HOT BIT PAVEMENT	24.0			200-300		1975	225	20			
8.0 AGGREGATE BASE	9.0		9.0			1975					
2.0 HOT BIT PAVEMENT	6.0		6.0	200-300		1975					
-2.5 MILLING	24.0					1994					
5.0 HOT BIT PAVEMENT	24.0			120-150	33	1994	545	20			
3.5 RECYCLED HOT BIT PAVMNT DRIVE SLOPE FLATTENING	11.0		11.0			1994					
CONTRACT CHIP SEAL	24.0			HFMS-2		1996	37				
MICROSURFACING	24.0				MC	2007	211		16367		1
-2.0 MILLING	30.0					2014			18943		1
2.0 HBP-SUPERPAVE-FAA 43 FEDERAL AID CHIP SEAL	3.0	24.0	3.0	PG 58-28 CRS2P	SP	2014	613	20	18943		1
	24.0				41	2017	103		21782		1



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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	17	E		118.119	0.0000	127.000	0.0300	8.9067	11.0	24.0	11.0	7.5	7.5	58.0	46.0	349	2708 2021	191	10	10	2017	FLEX	ASPHT	RSC	2	2014	2014	2014	F CHIP SEAL
N JCT 18 E TO SCHOOL ROAD																		2014	DIST	90	RIDE	4.25	PRPI	GOOD	IRI	50			
																		2015	DIST	86	RIDE	4.11	PRPI	GOOD	IRI	55			
																		2016	DIST	85	RIDE	4.00	PRPI	GOOD	IRI	61			
																		2017	DIST	83	RIDE	3.85	PRPI	GOOD	IRI	68			
																		2018	DIST	90	RIDE	3.64	PRPI	GOOD	IRI	77			
																		2019	DIST	94	RIDE	3.69	PRPI	GOOD	IRI	74			
																		2020	DIST	90	RIDE	3.63	PRPI	GOOD	IRI	77			
																		2021	DIST	91	RIDE	3.45	PRPI	GOOD	IRI	86			
																		2022	DIST	88	RIDE	3.46	PRPI	GOOD	IRI	85			
																		2023	DIST	85	RIDE	3.42	PRPI	GOOD	IRI	87			

2017 PCN 21782 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2023 PCN 23585 - RP'S 118.119 - 118.511-2" MILL AND OVERLAY

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
118	3.60	78	0.16	79.00	GOOD	N/A	N/A	3	0	4	6	0	0	2	6
119	3.03	78	0.20	106.00	FAIR	N/A	N/A	3	0	5	5	0	0	2	6
120	3.51	91	0.11	83.00	GOOD	N/A	N/A	3	0	0	5	0	0	0	0
121	3.49	87	0.10	84.00	GOOD	N/A	N/A	3	0	4	5	0	0	0	0
122	3.34	88	0.12	91.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0
123	3.21	87	0.13	97.00	GOOD	N/A	N/A	3	0	4	5	0	0	0	0
124	3.65	88	0.11	77.00	GOOD	N/A	N/A	3	0	3	5	0	0	0	0
125	3.66	84	0.10	77.00	GOOD	N/A	N/A	6	0	4	5	0	0	0	0
126	3.29	82	0.10	93.00	GOOD	N/A	N/A	9	0	3	5	0	0	0	0
AVG	3.42	85	0.13	87.44	GOOD	N/A	N/A	4	0	3	5	0	0	0	1

18 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1940					
	6.0	STABILIZED BASE		32.0				1941					
	1.5	COLD BITUMINOUS PAVEMENT		22.0				1941	103	20			
	1.5	HOT BIT PAVEMENT		32.0		120-150		1956					
	1.5	HOT BIT PAVEMENT		24.0		120-150		1956	204	20			
		WIDENING		58.0				1974	405				
	2.0	HOT BIT PAVEMENT		24.0		200-300		1975	444	20			
	8.0	AGGREGATE BASE	9.0		9.0			1975					
	2.0	HOT BIT PAVEMENT	6.0		6.0	200-300		1975					
	-2.5	MILLING		24.0				1994					
	5.0	HOT BIT PAVEMENT		24.0		120-150	33	1994	1078	20			
	3.5	RECYCLED HOT BIT PAVMNT	11.0		11.0			1994					
		DRIVE SLOPE FLATTENING						1994					
		CONTRACT CHIP SEAL		24.0		HFMS-2		1996	73				
		MICROSURFACING		24.0			MC	2007	427		16367		1
	-2.0	MILLING		30.0				2014			18943		1
	2.0	HBP-SUPERPAVE-FAA 43	3.0	24.0	3.0	PG 58-28	SP	2014	1242	20	18943		1
		FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	206		21782		1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																						
6	17	E		127.000	0.0300	127.738	0.0000	0.7084	1.0	24.0	1.0	8.0	12.0	45.0	26.0	558	6083 2021	373	36	28	2019	CONCR JOINT	RSC	2	1988	2011	2019	MICROSURFACI																																							
SCHOOL ROAD E TO HILL AVE -(US 81)																		2014	DIST 82	RIDE 3.04	PRPI POOR	IRI 105	2015	DIST 84	RIDE 2.82	PRPI POOR	IRI 116	2016	DIST 89	RIDE 2.56	PRPI POOR	IRI 130	2017	DIST 86	RIDE 2.91	PRPI POOR	IRI 111	2018	DIST 85	RIDE 2.55	PRPI POOR	IRI 129	2019	DIST 94	RIDE 2.66	PRPI POOR	IRI 124	2020	DIST 91	RIDE 2.57	PRPI POOR	IRI 129	2021	DIST 89	RIDE 2.48	PRPI POOR	IRI 134	2022	DIST 88	RIDE 2.49	PRPI POOR	IRI 134	2023	DIST 83	RIDE 2.56	PRPI POOR	IRI 129

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																												
FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP																							
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A											

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT THESE REF POINTS HAVE THE INCORRECT PAVEMENT TYPE																																			
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT	TYPE																					
127	2.56	83	0.21	129.00	POOR	N/A	N/A	3	0	4	3	0	0	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX											

DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7	OCCURS											
12.0	CURB & GUTTER FACE-FACE		42.0				1988					
12.0	AGGREGATE BASE		44.0				1988					
8.0	NON-REINF PCC		42.0				1988	1300	30			
	CPR/DOWEL BAR RETROFIT		42.0			03	2011	621	10	17044	1	
	GRINDING		42.0				2011			17044	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			22346	1	
	MICROSURFACING		39.0			06	2019	202	7	22346	1	

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6	17	E		127.896	0.0000	127.896	0.0943	0.0943		12.0	10.5	10.5	2.0	24.5	22.5	195	2225 2021	246	41	18	2019	FLEX	ASPHT	USC	2	1983	2009	2019	MICROSURFACI																				
GRAFTON MUNICIPAL STA 0+00 TO 4+98																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER CTRLN-FACE		24.0				1983					
2.0	AGGREGATE BASE		24.0				1983					
8.0	HOT BIT PAVEMENT		22.5				1983		20			
	CONTRACT CHIP SEAL		22.5		HFMS-2		1991	1				
1.5	HOT BIT PAVEMENT		22.5		120-150	25	1997	4	8	1601	1	
	CONTRACT CHIP SEAL		22.5		HFMS-2	43	2000			13534	1	
-2.0	MILLING		22.5				2009			17130	1	
3.0	HBP-SUPERPAVE-FAA 42		22.5		PG 58-28	SP	2009	24	7	17130	1	
	SLURRY SEAL		22.5			SS	2013	4		17844	1	
	MICROSURFACING		22.5				2019	7		22346	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
6	17	E		127.896	0.0943	128.000	0.1100	0.1200		24.0	10.0	8.5	6.0	35.5	34.0	195	2225 2021	150	41	14		FLEX	ASPHT	USC	2	1983	2009	2023	RAP-FAA 45																		
GRAFTON MUNICIPAL STA 4+98 TO 5+58																		2014	DIST 82	RIDE 4.26	PRPI	GOOD	IRI 50																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
128	3.32	83	0.14	92.00	GOOD	N/A	N/A	9	0	3	4	0	0	0
AVG	3.32	83	0.14	92.00	GOOD	N/A	N/A	9	0	3	4	0	0	0

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	AGGREGATE BASE		34.0				1983					
6.0	HOT BIT PAVEMENT		34.0				1983					
6.0	HOT BIT PAVEMENT		24.0				1983	20				
2.0	HOT BIT PAVEMENT CONTRACT CHIP SEAL		24.0	6.0	HFMS-2		1991					
1.5	HOT BIT PAVEMENT CONTRACT CHIP SEAL		24.0		120-150	25	1997	7	1601		1	
-2.0	MILLING		24.0		HFMS-2	43	2000			13534		1
3.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2009	31	7	17130		1
3.7	HBP-SUPERPAVE-FAA 42		24.0	6.0	PG 58-28	SP	2009			17130		1
-2.0	MILLING		24.0			SS	2013	5		17844		1
-2.0	MILLING		24.0				2023			23652		1
2.0	RAP-SUPERPAVE FAA 45		24.0		PG58H-34	SP	2023	15	7	23652		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	17	E		128.000	0.1100	128.000	0.2000	0.0900		24.0	10.0	8.5	6.0	35.5	34.0	174	1502 2021	208	41	14		FLEX	ASPHT	USC	2	1983	2009	2023	RAP-FAA 45																				
GRAFTON STA 5+58 TO 17+00 4 LANE																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RW	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	AGGREGATE BASE		34.0				1983					
6.0	HOT BIT PAVEMENT		34.0				1983		20			
2.0	HOT BIT PAVEMENT		24.0	6.0			1983					
	CONTRACT CHIP SEAL		24.0		HFMS-2		1991					
1.5	HOT BIT PAVEMENT		24.0		120-150	25	1997	7	1601		1	
	CONTRACT CHIP SEAL		24.0		HFMS-2	43	2000		13534		1	
-2.0	MILLING		24.9				2009		17130		1	
3.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2009	23	7	17130	1	
3.7	HBP-SUPERPAVE-FAA 42		24.0	6.0	PG 58-28	SP	2009		17130		1	
	SLURRY SEAL		24.0			SS	2013	4	17844		1	
-2.0	MILLING		24.0				2023		23652		1	
2.0	RAP-SUPERPAVE FAA 45		24.0		PG58H-34	SP	2023	11	7	23652	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	17	E		128.000	0.2000	129.000	0.0500	0.8491		24.0	4.0	6.5	27.0	32.0	28.0	167	1160 2021	340	51	14		FLEX	ASPHT	USC	2	1973	2009	2023	RAP-FAA 45				
GRAFTON STA 17+00 TO 61+00																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	RT BP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1957					
4.8	AGGREGATE BASE		30.0				1958					
4.7	EMULSIFIED BASE		28.0		SS-1		1958	20				
2.5	HOT BIT PAVEMENT		24.0		120-150		1958					
2.0	HOT BIT PAVEMENT		26.0		200-300		1973					
1.5	HOT BIT PAVEMENT WIDENING		24.0		200-300		1973	20				
			34.0				1983					
11.5	AGGREGATE BASE		34.0				1983					
2.0	HOT BIT PAVEMENT		12.0				1983					
2.0	HOT BIT PAVEMENT		28.0				1983					
	CONTRACT CHIP SEAL		48.0		HFMS-2		1991	12				
1.5	HOT BIT PAVEMENT		24.0		120-150	25	1997	64	4	1601	1	
	CONTRACT CHIP SEAL		24.0		HFMS-2	43	2000	4		13534	1	
-2.0	MILLING		25.4				2009			17130	1	
3.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2009	217	7	17130	1	
	SLURRY SEAL		24.0			SS	2013	33		17844	1	
-2.0	MILLING		24.0				2023			23652	1	
2.0	RAP-SUPERPAVE FAA 45		24.0		PG58H-34	SP	2023	103	7	23652	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	17	E		129.000	0.0500	137.000	0.6880	8.6191	8.0	24.0	8.0	8.5	9.5	58.0	40.0	292	1702 2021	248	66	14		FLEX	ASPHT	RSC	2	1958	2009	2023	RAP-FAA 45																				
GRAFTON E NEAR JCT I-29																		2014	DIST 89	RIDE 4.42	PRPI	GOOD	IRI	42																									
PCN 15503 - 2004 - BOX CULVERT AT RP 133																		2015	DIST 93	RIDE 4.32	PRPI	GOOD	IRI	47																									
																		2016	DIST 89	RIDE 4.27	PRPI	GOOD	IRI	48																									
																		2017	DIST 85	RIDE 4.06	PRPI	GOOD	IRI	58																									
																		2018	DIST 93	RIDE 3.99	PRPI	GOOD	IRI	61																									
																		2019	DIST 87	RIDE 3.77	PRPI	GOOD	IRI	71																									
																		2020	DIST 87	RIDE 3.93	PRPI	GOOD	IRI	64																									
																		2021	DIST 84	RIDE 3.49	PRPI	GOOD	IRI	84																									
																		2022	DIST 86	RIDE 3.75	PRPI	GOOD	IRI	72																									
																		2023	DIST 81	RIDE 3.21	PRPI	GOOD	IRI	98																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BULD	LC	TC	BC	RW	BP	RT
129	3.68	87	0.13	76.00	GOOD	N/A	N/A	3	0	4	5	0	0	0
130	3.80	88	0.14	70.00	GOOD	N/A	N/A	3	0	3	5	0	0	0
131	3.74	87	0.14	73.00	GOOD	N/A	N/A	3	0	4	5	0	0	0
132	3.28	79	0.14	94.00	GOOD	N/A	N/A	9	0	4	5	0	2	0
133	2.96	74	0.18	109.00	POOR	N/A	N/A	9	0	4	6	0	0	6
134	3.11	80	0.17	102.00	FAIR	N/A	N/A	9	0	4	6	0	0	0
135	3.15	82	0.16	100.00	GOOD	N/A	N/A	9	0	3	5	0	0	0
136	2.83	74	0.19	116.00	POOR	N/A	N/A	9	0	4	6	0	0	6
137	2.31	79	0.15	142.00	POOR	N/A	N/A	9	0	3	6	0	2	0
AVG	3.21	81	0.16	98.00	GOOD	N/A	N/A	7	0	4	5	0	0	1

17 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		52.0				1957	156				
	4.8	AGGREGATE BASE		30.0				1958					
	4.7	EMULSIFIED BASE		28.0		SS-1		1958					
	2.5	HOT BIT PAVEMENT		26.0		120-150		1958	293	20			
	2.0	HOT BIT PAVEMENT		25.0		200-300		1973					
	1.5	HOT BIT PAVEMENT		24.0		200-300		1973	290				
	11.0	AGGREGATE BASE	10.0		10.0			1983					
	2.0	HOT BIT PAVEMENT	10.0		10.0	120-150		1983	784				
		CONTRACT CHIP SEAL		26.0		HFMS-2		1991	103				
	1.5	HOT BIT PAVEMENT		24.0		120-150	25	1997	327	7	1601	1	
		CONTRACT CHIP SEAL		24.0		HFMS-2	43	2000	81		13534	1	
	-2.0	MILLING		25.2				2009			17130	1	
	3.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2009	2199	7	17130	1	
	3.5	HBP-SUPERPAVE-FAA 42	8.0		8.0	PG 58-28	SP	2009			17130	1	
		SLURRY SEAL		24.0			SS	2013	338		17844	1	
	-2.0	MILLING		29.0				2023			23652	1	
	2.0	RAP-SUPERPAVE FAA 45	2.5	24.0	2.5	PG58H-34	SP	2023	2098	7	23652	1	

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6	17	E		137.000	0.6880	137.911	0.0000	0.2233	2.0	24.0	2.0	5.5	9.5	32.0	28.0	310	1475 2021	406	50	14		FLEX	ASPHT	RSC	2	1974	2009	2023	RAP-FAA 45																			
STA 517 TO STA 539 NEAR JCT I-29																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1972					
	4.0 BITUMINOUS BASE		35.0		SM-K		1972					
	2.5 HOT BIT PAVEMENT		32.0		200-300		1974					
	1.5 HOT BIT PAVEMENT		24.0		200-300		1974	24	20			
	1.5 HOT BIT PAVEMENT		32.0				1983					
	CONTRACT CHIP SEAL		32.0		HFMS-2		1991	5				
	1.5 HOT BIT PAVEMENT		24.0		120-150	25	1997	8	2	1601		1
	FEDERAL AID CHIP SEAL	4.0	24.0	4.0	HFMS-2	43	2000			13534		1
	-2.5 MILLING		25.4				2009			17130		1
	2.5 HBP-SUPERPAVE-FAA 42		26.0		PG 58-28	SP	2009	57	7	17130		1
	SLURRY SEAL		24.0			SS	2013	9		17844		1
	-2.0 MILLING		29.0				2023			23652		1
	2.0 RAP-SUPERPAVE FAA 45	2.5	24.0	2.5	PG58H-34	SP	2023	54	7	23652		1



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6	17	E		137.911	0.0000	140.372	0.0000	2.4858	2.0	24.0	2.0	5.5	9.5	32.0	28.0	73	288 2021	56	27	14		FLEX	ASPHT	RCR	2	1997	2009	2023	RAP-FAA 45					
STA 539 NEAR JCT I-29 TO RED RIVER																		2014		DIST 89	RIDE 4.03	PRPI	GOOD	IRI 59										
																		2015		DIST 87	RIDE 3.85	PRPI	GOOD	IRI 67										
																		2016		DIST 86	RIDE 3.84	PRPI	GOOD	IRI 68										
																		2017		DIST 85	RIDE 3.62	PRPI	GOOD	IRI 78										
																		2018		DIST 93	RIDE 3.52	PRPI	GOOD	IRI 82										
																		2019		DIST 89	RIDE 3.37	PRPI	GOOD	IRI 89										
																		2020		DIST 87	RIDE 3.51	PRPI	GOOD	IRI 83										
																		2021		DIST 81	RIDE 3.10	PRPI	GOOD	IRI 102										
																		2022		DIST 85	RIDE 3.09	PRPI	GOOD	IRI 102										
																		2023		DIST 80	RIDE 2.79	PRPI	POOR	IRI 118										

2011 PCN 19346 - INSLOPE REPAIR AND DEBRIS REMOVAL

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RW	BP	RT
138	3.02	85	0.11	107.00	GOOD	N/A	N/A	6	0	4	4	0	0	0
139	2.80	79	0.15	117.00	FAIR	N/A	N/A	9	0	4	5	0	0	2
140	2.55	77	0.14	130.00	POOR	N/A	N/A	9	0	3	4	0	0	6
AVG	2.79	80	0.13	118.00	POOR	N/A	N/A	8	0	4	4	0	0	1

13 OCCURS	DPH	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE	32.0					1957	33				
	4.8	AGGREGATE BASE	30.0					1958					
	4.7	EMULSIFIED BASE	28.0		SS-1			1958					
	2.5	HOT BIT PAVEMENT	24.0		120-150			1958	63				
	1.5	HOT BIT PAVEMENT	24.0		120-150			1983	88				
		CONTRACT CHIP SEAL	24.0		HFMS-2			1991	26				
	1.5	HOT BIT PAVEMENT	24.0		120-150	25	1997	94	20	1601		1	
		FEDERAL AID CHIP SEAL	24.0		HFMS-2	43	2000	15		13534		1	
	-2.5	MILLING	25.4					2009		17130		1	
	2.5	HBP-SUPERPAVE-FAA 42	26.0		PG 58-28	SP	2009	634	7	17130		1	
		SLURRY SEAL	24.0		SS		2013	97		17844		1	
	-2.0	MILLING	27.0					2023		23652		1	
	2.0	RAP-SUPERPAVE FAA 45	.5	24.0	.5	PG58H-34	SP	2023	605	7	23652		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	17	W		127.896	0.0000	127.896	0.0943	0.0943	10.5	12.0		10.5	2.0	24.5	22.5	215	2240 2021	230	41	14		FLEX	ASPHT	USC	2	1983	2009	2023	RAP-FAA 45																				
GRAFTON-MUNICIPAL STA 0+00 TO 4+98																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER CTRLN-FACE		24.0				1983					
2.0	AGGREGATE BASE		24.0				1983					
8.0	HOT BIT PAVEMENT		22.5				1983	20				
	CONTRACT CHIP SEAL		22.5		HFMS-2		1991					
1.5	HOT BIT PAVEMENT		22.5		120-150	25	1997	8	1601		1	
	CONTRACT CHIP SEAL		22.5		HFMS-2	43	2000		13534		1	
-2.0	MILLING		22.5				2009		17130		1	
3.0	HBP-SUPERPAVE-FAA 42 SLURRY SEAL		22.5		PG 58-28	SP	2009	24	7	17130	1	
			22.5			SS	2013		17844		1	
-2.0	MILLING		22.5				2023		23652		1	
2.0	RAP-SUPERPAVE FAA 45	8.0	14.5		PG58H-34	SP	2023	11	7	23652	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
6	17	W		127.896	0.0943	128.000	0.2000	0.2099	10.0	24.0		8.5	6.0	35.5	34.0	203	1943 2021	116	41	14		FLEX	ASPHT	USC	2	1983	2009	2023	RAP-FAA 45																			
GRAFTON-MUNICIPAL STA 4+98 TO 17+00																			2014	DIST 85	RIDE 4.20	PRPI	GOOD	IRI 52																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
128	3.47	87	0.12	85.00	GOOD	N/A	N/A	6	0	3	3	0	0	0
AVG	3.47	87	0.12	85.00	GOOD	N/A	N/A	6	0	3	3	0	0	0

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	AGGREGATE BASE		34.0				1983					
6.0	HOT BIT PAVEMENT		34.0				1983					
6.0	HOT BIT PAVEMENT		24.0				1983	20				
2.0	HOT BIT PAVEMENT CONTRACT CHIP SEAL	6.0	24.0		HFMS-2		1983					
1.5	HOT BIT PAVEMENT CONTRACT CHIP SEAL		24.0		120-150	25	1997		7	1601		1
-2.0	MILLING		24.0		HFMS-2	43	2000			13534		1
-2.0	MILLING		24.9				2009			17130		1
3.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2009	54	7	17130		1
3.7	HBP-SUPERPAVE-FAA 42	6.0	24.0		PG 58-28	SP	2009			17130		1
-2.0	MILLING		24.0			SS	2013			17844		1
-2.0	MILLING		25.4				2023			23652		1
2.0	RAP-SUPERPAVE FAA 45		24.0		PG58H-34	SP	2023	26	7	23652		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
6	17	W		128.000	0.2000	129.038	0.0000	0.8376	4.0	24.0		6.5	27.0	32.0	28.0	172	1209 2021	202	51	14		FLEX	ASPHT	USC	2	1973	2009	2023	RAP-FAA 45																					
GRAFTON-MUNICIPAL STA 17+00 TO END																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1957					
4.8	AGGREGATE BASE		30.0				1958					
4.7	EMULSIFIED BASE		28.0		SS-1		1958	20				
2.5	HOT BIT PAVEMENT		24.0		120-150		1958					
2.0	HOT BIT PAVEMENT		26.0		200-300		1973					
1.5	HOT BIT PAVEMENT WIDENING		24.0		200-300		1973	20				
			34.0				1983					
11.5	AGGREGATE BASE		34.0				1983					
2.0	HOT BIT PAVEMENT		12.0				1983					
2.0	HOT BIT PAVEMENT		28.0				1983					
	CONTRACT CHIP SEAL		24.0		HFMS-2		1991					
1.5	HOT BIT PAVEMENT		24.0		120-150	25	1997	4	1601		1	
	CONTRACT CHIP SEAL		24.0		HFMS-2	43	2000			13534		1
-2.0	MILLING		25.4				2009			17130		1
3.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2009	214	7	17130		1
	SLURRY SEAL		24.0			SS	2013			17844		1
-2.0	MILLING		25.2				2023			23652		1
2.0	RAP-SUPERPAVE FAA 45		24.0		PG58H-34	SP	2023	102	7	23652		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	18	N		152.185	0.0000	163.000	0.1860	10.9921	5.1	24.0	5.1	6.5	6.0	44.0	34.2	140	711 2021	112	23	22	2018	FLEX	ASPHT	RSC	2	2001	2015	2015	F CHIP SEAL

W JCT 15 N TO LARIMORE

EXCESSIVE OIL IN WHEEL TRACKS. SECTION IS RUTTING.  
2003 - SHOULDERS SEALED ONLY - NO AGGREGATE  
2018 PCN 22117 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

2014	DIST 81	RIDE 3.01	PRPI	FAIR	IRI 107
2015	DIST 91	RIDE 4.26	PRPI	GOOD	IRI 49
2016	DIST 87	RIDE 4.11	PRPI	GOOD	IRI 56
2017	DIST 79	RIDE 4.04	PRPI	GOOD	IRI 59
2018	DIST 93	RIDE 3.86	PRPI	GOOD	IRI 67
2019	DIST 93	RIDE 3.85	PRPI	GOOD	IRI 67
2020	DIST 91	RIDE 3.68	PRPI	GOOD	IRI 75
2021	DIST 92	RIDE 3.53	PRPI	GOOD	IRI 82
2022	DIST 88	RIDE 3.23	PRPI	GOOD	IRI 96
2023	DIST 90	RIDE 3.28	PRPI	GOOD	IRI 94

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																								
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																					
152	2.54	90	0.12	130.00	POOR	N/A	N/A	3	0	2	2	0	0	2	0															
153	3.48	94	0.12	85.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0															
154	3.08	82	0.18	103.00	FAIR	N/A	N/A	3	0	4	2	0	0	2	6															
155	3.60	93	0.13	79.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0															
156	3.62	91	0.12	78.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0															
157	3.54	87	0.18	82.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	6															
158	3.36	89	0.16	90.00	FAIR	N/A	N/A	6	0	2	2	0	0	0	0															
159	3.25	90	0.15	95.00	FAIR	N/A	N/A	6	0	0	3	0	0	0	0															
160	3.54	86	0.14	82.00	GOOD	N/A	N/A	9	0	1	3	0	0	0	0															
161	3.43	91	0.11	87.00	GOOD	N/A	N/A	6	0	0	2	0	0	0	0															
162	3.42	93	0.15	87.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0															
163	2.51	91	0.12	132.00	POOR	N/A	N/A	3	0	1	2	0	0	2	0															
AVG	3.28	90	0.14	94.17	GOOD	N/A	N/A	4	0	1	2	0	0	1	1															

11 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN				
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
GRADE		44.0				1968	283				
4.0 BITUMINOUS BASE		40.0		SM-K		1968	252				
2.0 BITUMINOUS BASE		38.0		SM-K		1970					
1.5 HOT BIT PAVEMENT		24.0		SC-3000		1970	281	20			
CONTRACT CHIP SEAL				MC-3000		1983	90				
CONTRACT CHIP SEAL		24.0		HFMS-2		1996	103				
5.0 HOT BIT PAVEMENT		34.2		PG 58-28	27	2001		20	950	1	
FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2003	146		15288	1	
-2.0 MILLING		24.0				2015			18338	1	
2.0 HBP-SUPERPAVE-FAA 43		24.0		PG 58-28	SP	2015	14831	7	18338	1	
FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2018	345		22117	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	18	N		163.000	0.1860	163.000	0.4370	0.2510	10.5	48.0	10.5	6.5	6.0	73.0	69.0	215	1424 2021	284	23	23	2018	FLEX	ASPHT	RSC	2	2001	2001	2001	F CHIP SEAL																																																																														
MUNIC SEC-LARIMORE STA 301 TO 311																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
TRANSVERSE CRACKS SPACED 20 TO 40 FT-SOME SLIGHTLY DEPRESSED. THIS SECTION IS GENERALLY IN GOOD CONDITION. 2003 - SHOULDERS SEALED ONLY - NO AGGREGATE																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS	LSHL WDT	RDWY WDT	RSHL WDT	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPATH (IN) COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)								
CURB & GUTTER FACE-FACE	72.0					1970	8				
6.0 BITUMINOUS BASE	69.0			85-100		1970					
2.0 HOT BIT PAVEMENT	69.0			85-100		1970					
2.0 HOT BIT PAVEMENT	69.0			85-100		1970	143	20			
CONTRACT CHIP SEAL				MC-3000		1983	2				
CONTRACT CHIP SEAL	69.0			HFMS-2		1996	2				
2.5 HOT BIT PAVEMENT	69.0			PG 58-28	27	2001		20	950	1	
FEDERAL AID CHIP SEAL	38.2			HFMS-2	43	2003	3		15288	1	
FEDERAL AID CHIP SEAL	69.0			CRS2P	41	2018	8		22117	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
6	18	N		163.000	0.4370	163.000	0.7860	0.3490	10.5	24.0	10.5	6.5	6.0	49.0	45.0	264	1989 2021	278	23	23	2018	FLEX	ASPHT	RSC	2	2001	2001	2001	F CHIP SEAL															
LARIMORE-STA 281 TO 301																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	TRANSVERSE CRACKS SPACED 20 TO 40 FT-SOME ARE SLIGHTLY DEPRESSED. THIS SECTION IS GENERALLY IN GOOD CONDITION.																
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2003 - SHOULDERS SEALED ONLY - NO AGGREGATE																
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		48.0				1970					
6.0	BITUMINOUS BASE		45.0		85-100		1970					
2.0	HOT BIT PAVEMENT		45.0		85-100		1970					
2.0	HOT BIT PAVEMENT		45.0		85-100		1970		20			
	CONTRACT CHIP SEAL				MC-3000		1983	3				
	CONTRACT CHIP SEAL		45.0		HFMS-2		1996	4				
2.5	HOT BIT PAVEMENT		45.0		PG 58-28	27	2001		20	950		1
	FEDERAL AID CHIP SEAL		45.0		HFMS-2	43	2003	5		15288		1
	FEDERAL AID CHIP SEAL		45.0		CRS2P	41	2018	9		22117		1





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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	18	N		166.225	0.0000	167.000	0.0250	0.8304	7.0	24.0	7.0	10.0	6.0	45.0	38.0	200	870 2021	178	24	24	2013	FLEX	ASPHT	RCR	2	2000	2010	2010	C CHIP SEAL				
JCT 2-LARIMORE-N 3 MILES																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

2003 - SHOULDERS SEALED ONLY - NO AGGREGATE  
 2013 PCN 18946 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	AGGREGATE BASE		42.0				1985					
4.0	HOT BIT PAVEMENT		27.0		120-150		1986	91	20			
4.0	AGGREGATE BASE	5.5		5.5			1986					
	CONTRACT SAND SEAL		27.0		HFMS-2		1987	50				
	CONTRACT CHIP SEAL		27.0		HFMS-2		1996	7				
1.0	HOT BIT PAVEMENT	4.0	24.0	4.0	PG 52-28	27	2000	160	20	13244		1
2.0	HOT BIT PAVEMENT	4.0	24.0	4.0	PG 52-34	27	2000	376	20	13244		1
	DRIVE SLOPE FLATTENING						2000	17		13244		1
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2003	11		15288		1
3.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	4.0	PG 58-28	SP	2010	187	10	17845		1
	CONTRACT CHIP SEAL		24.0		CRS-2	41	2013	30		18946		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
6	18	N		167.000	0.0250	169.000	0.2250	2.1606	7.0	24.0	7.0	8.0	10.5	46.0	38.0	197	843 2021	114	24	24	2013	FLEX	ASPHT	RCR	2	2000	2010	2010	C CHIP SEAL					
JCT 2-LARIMORE-N 3 MILES																		2014	DIST 85	RIDE 3.71	PRPI	GOOD	IRI	74										
																		2015	DIST 84	RIDE 3.79	PRPI	GOOD	IRI	70										
																		2016	DIST 90	RIDE 3.83	PRPI	GOOD	IRI	68										
																		2017	DIST 84	RIDE 3.87	PRPI	GOOD	IRI	66										
																		2018	DIST 91	RIDE 3.75	PRPI	GOOD	IRI	72										
																		2019	DIST 94	RIDE 3.81	PRPI	GOOD	IRI	69										
																		2020	DIST 91	RIDE 3.69	PRPI	GOOD	IRI	75										
																		2021	DIST 93	RIDE 3.60	PRPI	GOOD	IRI	79										
																		2022	DIST 84	RIDE 3.47	PRPI	GOOD	IRI	85										
																		2023	DIST 85	RIDE 3.48	PRPI	GOOD	IRI	84										

2003 - SHOULDERS SEALED ONLY - NO AGGREGATE  
2013 PCN 18946 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	RIDE TC	DISTRESS BC	RUT RW	RUT BP	RUT RT
167	3.65	81	0.24	77.00	GOOD	N/A	N/A	3	0	6	3	0	0	6
168	3.44	82	0.22	86.00	GOOD	N/A	N/A	3	0	4	4	0	0	6
169	3.35	92	0.15	91.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	3.48	85	0.20	84.67	GOOD	N/A	N/A	3	0	4	3	0	0	4

16 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		32.0				1936					
	6.0	AGGREGATE BASE		24.0				1937					
	2.5	COLD BITUMINOUS PAVEMENT		22.0		SC-6		1938					
	2.0	COLD BITUMINOUS PAVEMENT		22.0		SC-7		1956		20			
	2.2	WIDENING		46.0				1985	178				
	9.0	AGGREGATE BASE	5.5		5.5			1985					
	2.0	HOT BIT PAVEMENT		27.0		120-150		1986		13			
	2.0	HOT BIT PAVEMENT	2.5		2.5			1986					
		CONTRACT SAND SEAL		27.0		HFMS-2		1987	12				
		CONTRACT CHIP SEAL		27.0		HFMS-2		1996	21				
	1.0	HOT BIT PAVEMENT	4.0	24.0	4.0	PG 52-28	27	2000	160	20	13244	1	
	2.0	HOT BIT PAVEMENT	4.0	24.0	4.0	PG 52-34	27	2000	376	20	13244	1	
		DRIVE SLOPE FLATTENING						2000	17		13244	1	
		FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2003	29		15288	1	
	3.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	4.0	PG 58-28	SP	2010	487	10	17845	1	
		CONTRACT CHIP SEAL		24.0		CRS-2	41	2013	79		18946	1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	18	N		183.000	0.3780	197.571	0.0000	14.1892	3.0	24.0	3.0	4.5	13.0	42.0	30.0	174	621 2021	100	26	23	2017	FLEX	ASPHT	RCR	2	1998	2014	2014	F CHIP SEAL
CO LN N TO S JCT 17																													
2017 PCN 21780 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																													
2014 DIST 80 RIDE 2.83 PRPI POOR IRI 115																													
2015 DIST 85 RIDE 4.18 PRPI GOOD IRI 53																													
2016 DIST 84 RIDE 4.04 PRPI GOOD IRI 59																													
2017 DIST 82 RIDE 3.83 PRPI GOOD IRI 68																													
2018 DIST 91 RIDE 3.59 PRPI GOOD IRI 79																													
2019 DIST 93 RIDE 3.67 PRPI GOOD IRI 75																													
2020 DIST 92 RIDE 3.42 PRPI GOOD IRI 87																													
2021 DIST 91 RIDE 3.31 PRPI GOOD IRI 92																													
2022 DIST 88 RIDE 2.92 PRPI POOR IRI 111																													
2023 DIST 82 RIDE 3.00 PRPI GOOD IRI 107																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT	RIDE, DISTRESS & RUT
184	3.00	86	0.10	108.00	POOR	N/A	N/A	3	0	4	6	0	0	0	0	0
185	3.00	84	0.11	108.00	POOR	N/A	N/A	3	0	5	5	0	0	2	0	0
186	2.87	79	0.10	113.00	GOOD	N/A	N/A	6	0	5	7	0	0	2	0	0
187	2.68	76	0.16	123.00	POOR	N/A	N/A	6	0	4	5	0	0	2	6	0
188	2.98	79	0.15	108.00	POOR	N/A	N/A	9	0	3	6	0	0	2	0	0
189	3.32	80	0.14	92.00	GOOD	N/A	N/A	6	0	4	7	0	0	2	0	0
190	3.15	81	0.13	100.00	GOOD	N/A	N/A	6	0	4	6	0	0	2	0	0
191	3.01	86	0.16	107.00	GOOD	N/A	N/A	6	0	0	5	0	0	2	0	0
192	3.20	84	0.16	97.00	GOOD	N/A	N/A	6	0	2	5	0	0	2	0	0
193	3.12	82	0.16	102.00	GOOD	N/A	N/A	6	0	4	5	0	0	2	0	0
194	2.89	82	0.17	112.00	POOR	N/A	N/A	3	0	1	5	0	0	2	6	0
195	2.87	79	0.18	113.00	GOOD	N/A	N/A	3	0	4	5	0	0	2	6	0
196	3.07	84	0.15	104.00	GOOD	N/A	N/A	6	0	2	5	0	0	2	0	0
197	2.87	89	0.14	114.00	POOR	N/A	N/A	3	0	3	4	0	0	0	0	0
AVG	3.00	82	0.14	107.21	GOOD	N/A	N/A	5	0	3	5	0	0	2	1	0

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE		36.0				1958	181				
10.0	BLENDED BASE		32.0			05	1998			11488	1	
4.5	HOT BIT PAVEMENT		32.0				1998			11488	1	
	FEDERAL AID CHIP SEAL	5.0	24.0	5.0	120-150	27	1998	2393	20	11488	1	
-1.5	MILLING		30.0		HFMS-2	43	2000	104		13533	1	
1.5	HBP-SUPERPAVE-FAA 43	3.0	24.0	3.0	PG 58-28	SP	2014		7	17846	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	290		21780	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	18	N		197.571	0.0000	198.447	0.0000	0.8782	11.0	24.0	11.0	7.5	7.5	58.0	46.0	310	2180 2021	233	30	30	1996	FLEX	ASPHT	RSC	2	1994	1994	1994	C CHIP SEAL
S JCT 17 TO N JCT 17																		2014	DIST 67	RIDE 3.56	PRPI POOR	IRI 81							
2017 PCN 21780 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																		2015	DIST 85	RIDE 3.92	PRPI GOOD	IRI 64							
																		2016	DIST 83	RIDE 3.69	PRPI GOOD	IRI 75							
																		2017	DIST 83	RIDE 3.43	PRPI GOOD	IRI 87							
																		2018	DIST 89	RIDE 3.00	PRPI FAIR	IRI 107							
																		2019	DIST 91	RIDE 3.02	PRPI GOOD	IRI 106							
																		2020	DIST 82	RIDE 2.89	PRPI POOR	IRI 112							
																		2021	DIST 91	RIDE 2.47	PRPI GOOD	IRI 134							
																		2022	DIST 82	RIDE 2.46	PRPI POOR	IRI 134							
																		2023	DIST 86	RIDE 2.90	PRPI FAIR	IRI 112							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
198	2.90	86	0.14	112.00	FAIR	N/A	N/A	3	0	4	4	0	2	0
AVG	2.90	86	0.14	112.00	FAIR	N/A	N/A	3	0	4	4	0	2	0

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	STABILIZED BASE GRADE		36.0				1940					
1.5	COLD BITUMINOUS PAVEMENT		32.0				1941					
1.5	HOT BIT PAVEMENT		22.0				1941	10				
1.5	HOT BIT PAVEMENT		32.0		120-150		1956					
1.5	HOT BIT PAVEMENT WIDENING		24.0		120-150		1956	21	20			
2.0	HOT BIT PAVEMENT		58.0				1974	41				
2.0	HOT BIT PAVEMENT		24.0		200-300		1975	45	20			
8.0	AGGREGATE BASE	9.0		9.0			1975					
2.0	HOT BIT PAVEMENT	6.0		6.0	200-300		1975					
-2.5	MILLING		24.0				1994					
5.0	HOT BIT PAVEMENT		24.0		120-150	33	1994	109	20			
3.5	RECYCLED HOT BIT PAVMNT DRIVE SLOPE FLATTENING CONTRACT CHIP SEAL	11.0		11.0			1994					
			24.0		HFMS-2		1996	7				

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	18	N		198.447	0.0000	202.000	0.5710	4.1270	8.5	24.0	8.5	8.0	5.0	46.0	41.0	120	870 2021	84	21	21	2017	FLEX	ASPHT	RCR	2	2003	2014	2014	F CHIP SEAL				
N JCT 17 N-4 MILES																		2014	DIST	88	RIDE	2.93	PRPI	GOOD	IRI	110							
																		2015	DIST	86	RIDE	4.18	PRPI	GOOD	IRI	53							
																		2016	DIST	82	RIDE	4.12	PRPI	GOOD	IRI	55							
																		2017	DIST	81	RIDE	3.93	PRPI	GOOD	IRI	64							
																		2018	DIST	91	RIDE	3.63	PRPI	GOOD	IRI	77							
																		2019	DIST	95	RIDE	3.82	PRPI	GOOD	IRI	69							
																		2020	DIST	91	RIDE	3.52	PRPI	GOOD	IRI	82							
																		2021	DIST	90	RIDE	3.62	PRPI	GOOD	IRI	78							
																		2022	DIST	88	RIDE	3.27	PRPI	GOOD	IRI	94							
																		2023	DIST	83	RIDE	3.41	PRPI	GOOD	IRI	88							

PCN 12271 - 2002 YEAR - RUMBLE STRIPS  
2007 PCN 16896 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2023 PCN 23585 - RP'S 198.486 - 198.583-2" MILL AND OVERLAY  
2023 PCN 23585 - RP'S 198.583 - 198.768-2" MILL AND OVERLAY  
2023 PCN 23585 - RP'S 198.793 - 198.812-2" MILL AND OVERLAY

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT AC	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT	
199	3.42	80	0.18	88.00	GOOD	N/A	N/A	3	0	4	4	0	0	2	6
200	3.40	82	0.19	89.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	6
201	3.54	82	0.18	82.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	6
202	3.28	86	0.19	94.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	6
AVG	3.41	83	0.19	88.25	GOOD	N/A	N/A	3	0	3	4	0	0	1	6

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	WIDENING		35.0				1957					
5.0	EMULSIFIED BASE WIDENING		32.0		SS-1		1957	53				
	WIDENING		46.0				1973	144				
2.0	HOT BIT PAVEMENT		41.0		200-300		1973					
1.5	HOT BIT PAVEMENT		24.0		200-300		1973	219	20			
3.0	AGGREGATE BASE	5.5		5.5			1973					
2.0	BITUMINOUS BASE	2.5		2.5	SC-3000		1973					
	CONTRACT CHIP SEAL		24.0		HFMS-2		1993	33				
2.5	HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2003		20	12272		1
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2007	80		16896		1
-1.5	MILLING		30.0				2014			17846		1
2.0	HBP-SUPERPAVE-FAA	43	30.0		PG 58-28	SP	2014		7	17846		1
2.0	AGGREGATE BASE	3.0		3.0		04	2014			17846		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	84		21780		1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	18	N		202.000	0.5710	207.000	0.5820	5.0071	9.5	24.0	9.5	7.0	5.0	46.0	43.0	133	1130 2021	95	51	22	2015	FLEX	ASPHT	RCR	2	1973	1998	2012	F CHIP SEAL																																																																														
N JCT 17 N VIA HOOPLER TO CO LN																		2014	DIST	83	RIDE	4.13	PRPI	GOOD	IRI	54	2015	DIST	83	RIDE	4.09	PRPI	GOOD	IRI	57	2016	DIST	83	RIDE	3.95	PRPI	GOOD	IRI	63	2017	DIST	87	RIDE	4.01	PRPI	GOOD	IRI	60	2018	DIST	91	RIDE	3.58	PRPI	GOOD	IRI	79	2019	DIST	91	RIDE	3.93	PRPI	GOOD	IRI	64	2020	DIST	90	RIDE	3.68	PRPI	GOOD	IRI	75	2021	DIST	91	RIDE	3.84	PRPI	GOOD	IRI	68	2022	DIST	86	RIDE	3.51	PRPI	GOOD	IRI	83	2023	DIST	86	RIDE	3.67	PRPI	GOOD	IRI	76

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																	
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT														
203	2.97	80	0.22	109.00	GOOD	N/A	N/A	3	0	2	6	0	0	2	6								
204	3.55	87	0.17	82.00	GOOD	N/A	N/A	3	0	4	5	0	0	0	0								
205	3.94	87	0.14	63.00	GOOD	N/A	N/A	3	0	4	5	0	0	0	0								
206	4.06	89	0.16	58.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0								
207	3.84	87	0.13	68.00	GOOD	N/A	N/A	3	0	3	4	0	0	2	0								
AVG	3.67	86	0.16	76.00	GOOD	N/A	N/A	3	0	3	5	0	0	1	1								

14 OCCURS													
DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H	
	WIDENING		35.0				1957						
5.0	EMULSIFIED BASE WIDENING		32.0		SS-1		1957	65					
2.0	HOT BIT PAVEMENT		46.0				1973	175					
1.5	HOT BIT PAVEMENT		41.0		200-300		1973						
3.0	AGGREGATE BASE	5.5	24.0	5.5	200-300		1973	266	20				
2.0	BITUMINOUS BASE	2.5		2.5	SC-3000		1973						
	CONTRACT CHIP SEAL		24.0		HFMS-2		1993	39					
1.5	HOT BIT PAVEMENT	4.0	24.0	4.0	120-150	27	1998	507	10	12177		1	
	FEDERAL AID CHIP SEAL	7.0	24.0	7.0	HFMS-2	43	2000	132		13530		1	
-1.0	MILLING		26.0				2012			18940		1	
2.0	HBP-SUPERPAVE-FAA 43		28.0		PG 58-28	SP	2012	747	10	18940		1	
2.0	SALVAGED BIT BASE	7.5		7.5			2012			18940		1	
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2015	142		20915		1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	18	N		207.000	0.5820	216.000	0.5970	9.0160	8.7	24.0	8.7	7.0	3.0	46.0	41.5	109	839 2021	84	51	22	2015	FLEX	ASPHT	RCR	2	1973	1998	2012	F CHIP SEAL
COUNTY LINE N 9 MILES																		2014	DIST 84	RIDE	4.21	PRPI	GOOD	IRI	51				
																		2015	DIST 84	RIDE	4.14	PRPI	GOOD	IRI	55				
																		2016	DIST 84	RIDE	4.07	PRPI	GOOD	IRI	58				
																		2017	DIST 85	RIDE	4.01	PRPI	GOOD	IRI	60				
																		2018	DIST 92	RIDE	3.74	PRPI	GOOD	IRI	72				
																		2019	DIST 91	RIDE	3.87	PRPI	GOOD	IRI	67				
																		2020	DIST 91	RIDE	3.72	PRPI	GOOD	IRI	73				
																		2021	DIST 89	RIDE	3.72	PRPI	GOOD	IRI	73				
																		2022	DIST 88	RIDE	3.62	PRPI	GOOD	IRI	78				
																		2023	DIST 87	RIDE	3.72	PRPI	GOOD	IRI	73				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
208	3.62	83	0.18	78.00	GOOD	N/A	N/A	3	0	2	5	0	0	6
209	3.25	82	0.24	95.00	FAIR	N/A	N/A	3	0	3	3	0	0	6
210	3.91	88	0.14	65.00	GOOD	N/A	N/A	3	0	3	3	0	0	2
211	3.91	88	0.12	65.00	GOOD	N/A	N/A	3	0	3	3	0	0	2
212	3.82	89	0.14	69.00	GOOD	N/A	N/A	3	0	3	2	0	0	2
213	3.90	88	0.14	65.00	GOOD	N/A	N/A	3	0	4	2	0	0	2
214	3.56	88	0.16	81.00	GOOD	N/A	N/A	3	0	3	3	0	0	2
215	3.72	88	0.14	73.00	GOOD	N/A	N/A	3	0	3	3	0	0	2
216	3.79	89	0.15	71.00	GOOD	N/A	N/A	3	0	2	3	0	0	2
AVG	3.72	87	0.16	73.56	GOOD	N/A	N/A	3	0	3	3	0	0	2

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE WIDENING		24.0				1955	19				
			46.0				1973	312				
2.0	HOT BIT PAVEMENT		41.0		200-300		1973					
1.5	HOT BIT PAVEMENT		24.0		200-300		1973	474	20			
2.0	BITUMINOUS BASE CONTRACT CHIP SEAL	5.0	24.0	5.0	SC-3000		1973					
1.5	HOT BIT PAVEMENT	4.0	24.0	4.0	120-150	27	1998	1134	10	12177		1
	FEDERAL AID CHIP SEAL	7.0	24.0	7.0	HFMS-2	43	2000			13530		1
-1.0	MILLING		27.0				2012			18940		1
2.0	HBP-SUPERPAVE-FAA 43		28.0		PG 58-28	SP	2012	1344	10	18940		1
2.0	SALVAGED BIT BASE	6.7	24.0	6.7			2012			18940		1
	FEDERAL AID CHIP SEAL				CRS-2	41	2015	256		20915		1



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
6	18	N		216.000	0.5970	224.000	0.5220	7.9221		6.0	24.0	6.0	4.0	15.0	44.0	36.0	111	1022 2021	81	10	10	2017	FLEX	ASPHT	RCR	2	2014	2014	2014	F CHIP SEAL															
1 MILE S HENSEL N TO CAVALIER																																													
_SUBCUT AREA: 11852+80.88 TO 11855+85.88 HAS 30" OF BLENDED BASE AND 4.5" OF CL 27 PAVEMENT. ROADWAY WIDTHS REMAIN THE SAME. 2017 PCN 21779 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																																													
																					2014	DIST 88	RIDE 4.22	PRPI	GOOD	IRI	51																		
																					2015	DIST 87	RIDE 4.14	PRPI	GOOD	IRI	54																		
																					2016	DIST 81	RIDE 4.08	PRPI	GOOD	IRI	57																		
																					2017	DIST 79	RIDE 3.96	PRPI	GOOD	IRI	62																		
																					2018	DIST 90	RIDE 3.77	PRPI	GOOD	IRI	71																		
																					2019	DIST 92	RIDE 3.92	PRPI	GOOD	IRI	64																		
																					2020	DIST 92	RIDE 3.78	PRPI	GOOD	IRI	71																		
																					2021	DIST 93	RIDE 3.87	PRPI	GOOD	IRI	66																		
																					2022	DIST 91	RIDE 3.86	PRPI	GOOD	IRI	67																		
																					2023	DIST 93	RIDE 3.88	PRPI	GOOD	IRI	66																		

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																								
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																					
217	3.98	95	0.15	62.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
218	3.82	96	0.15	69.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219	3.79	96	0.14	71.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
220	3.92	93	0.14	65.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
221	3.91	92	0.14	65.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
222	3.83	90	0.15	68.00	GOOD	N/A	N/A	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
223	3.88	90	0.13	66.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	3.88	93	0.14	66.57	GOOD	N/A	N/A	1	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0 STABILIZED BASE		24.0				1954	15				
WIDENING		44.0				1967	211				
5.0 AGGREGATE BASE		32.0			05	1998	379		112	1	
-12.0 MILLING		32.0				1998			112	1	
12.0 BLENDED BASE		32.0				1998			112	1	
4.0 HOT BIT PAVEMENT	3.0	24.0	3.0	120-150	27	1998	1299	20	112	1	
FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2000	62		13529	1	
-2.0 MILLING		30.0				2014			17847	1	
2.0 HBP-SUPERPAVE-FAA 43		29.0		PG 58-28	SP	2014	1095	20	17847	1	
3.5 BLENDED BASE	3.5		3.5			2014			17847	1	
FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	165		21779	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
6	18	N		224.000	0.5220	224.000	0.8390	0.3170	10.5	24.0	10.5	9.0	24.0	51.0	45.0	168	2274 2021	216	28	28			CONCR JOINT RCR	2	1996	1996	1996	CPR/GRINDING							
S END OF CAVALIER N TO MOUNTAIN ST																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	88	RIDE	3.59	PRPI	GOOD	IRI	79									

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVERAGE RIDE LJS	DISTRESS LC	& RUT TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVERAGE RIDE LC	DISTRESS TC	& RUT BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE
224	3.59	88	0.12	79.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		CURB & GUTTER FACE-FACE		48.0				1996					
	12.0	AGGREGATE BASE		51.0				1996					
	12.0	AGGREGATE BASE		51.0				1996					
	9.0	NON-REINF PCC		45.0				1996		30			
		EDGE DRAIN						1996					
		CONCRETE PAVEMENT REPAIR						2016	316		18279	1	
		GRINDING		26.0				2016			18279	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	18	N		224.000	0.8390	224.991	0.0000	0.0683	16.0	24.0	11.0	9.0	24.0	56.0	51.0	180	2545 2021	216	28	28			CONCR JOINT RCR	2	1996	1996	1996	CPR/GRINDING																					
CAVALIER-MOUNTAIN ST N TO MAIN ST																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPH (IN) COMPONENTS											
CURB & GUTTER FACE-FACE		53.0				1996					
12.0 AGGREGATE BASE		56.0				1996					
12.0 AGGREGATE BASE		56.0				1996					
9.0 NON-REINF PCC		50.0				1996		30			
EDGE DRAIN						1996					
CONCRETE PAVEMENT REPAIR						2016	68	18279		1	
GRINDING	26.0					2016		18279		1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	18	N		228.609	0.0000	239.000	0.6580	11.0460	3.0	24.0	3.0	6.5	7.0	39.5	30.0	112	394 2021	70	49	15	2022	FLEX	ASPHT	RSC	1	1975	2011	2019	F CHIP SEAL																																																																														
E.JCT 5 TO 1.5 MILES SOUTH OF NECHE																		2014	DIST	90	RIDE	3.21	PRPI	GOOD	IRI	95	2015	DIST	88	RIDE	3.08	PRPI	GOOD	IRI	95	2016	DIST	85	RIDE	2.83	PRPI	GOOD	IRI	95	2017	DIST	80	RIDE	2.63	PRPI	GOOD	IRI	95	2018	DIST	85	RIDE	2.56	PRPI	GOOD	IRI	95	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	99	RIDE	4.48	PRPI	GOOD	IRI	40	2021	DIST	97	RIDE	4.18	PRPI	GOOD	IRI	53	2022	DIST	97	RIDE	4.28	PRPI	GOOD	IRI	48	2023	DIST	97	RIDE	3.96	PRPI	GOOD	IRI	63

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
228	3.58	97	0.13	80.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
229	3.97	97	0.14	63.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
230	3.99	97	0.15	61.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
231	4.08	96	0.14	58.00	GOOD	N/A	N/A	0	0	0	1	0	0	2	0
232	4.07	98	0.15	58.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
233	4.02	97	0.15	60.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
234	4.16	97	0.13	54.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
235	4.09	98	0.14	57.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
236	3.96	98	0.14	63.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
237	4.06	98	0.14	58.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
238	4.04	97	0.14	59.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
239	3.47	92	0.15	85.00	GOOD	N/A	N/A	0	0	4	3	0	0	0	0
AVG	3.96	97	0.14	63.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0

14 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN			
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	THOUS	LFE	PCN	SUB	H
RESHAPED		32.0				1957				
5.0 AGGREGATE BASE		29.0				1957				
2.0 STABILIZED BASE		28.0				1957				
2.5 HOT BIT PAVEMENT		24.0		120-150		1957	332			
2.0 HOT BIT PAVEMENT		24.0		200-300		1975	408	20		
CONTRACT CHIP SEAL		28.0		MC-3000		1990	95			
DRIVE SLOPE FLATTENING						1995	87			
-2.0 MILLING		26.0				2011			17134	1
2.0 HBP-SUPERPAVE-FAA 45		26.0		PG 58-28	SP	2011	1716	10	17134	1
CONTRACT CHIP SEAL		26.0		CRS2P	41	2014	320		18957	1
10.5 WIDENING	2.0		2.0		05	2019			21810	1
-1.0 MILLING		26.3				2019			21810	1
3.0 HBP-SUPERPAVE-FAA 43		3.0	24.0	PG 58S28	SP	2019	7337	10	21810	1
FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2022	489		23443	1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WPTH	FIN WPTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	18	N		239.000	0.6580	242.147	0.0000	2.4895	1.0	24.0	1.0	4.5	7.0	34.0	26.0	53	203 2021	12	49	23	2014	FLEX	ASPHT	RSC	1	1975	2011	2011	C CHIP SEAL
E JCT 5 N TO STATE LINE																		2014	DIST 88	RIDE 2.41	PRPI	POOR	IRI 146						
																		2015	DIST 90	RIDE 2.38	PRPI	POOR	IRI 147						
																		2016	DIST 80	RIDE 2.64	PRPI	POOR	IRI 161						
																		2017	DIST 79	RIDE 2.57	PRPI	POOR	IRI 128						
																		2018	DIST 59	RIDE 1.54	PRPI	GOOD	IRI 95						
																		2019	DIST 56	RIDE 1.17	PRPI	POOR	IRI 116						
																		2020	DIST 58	RIDE 1.55	PRPI	GOOD	IRI 94						
																		2021	DIST 54	RIDE 1.12	PRPI	POOR	IRI 119						
																		2022	DIST 56	RIDE 1.36	PRPI	POOR	IRI 105						
																		2023	DIST 80	RIDE 1.66	PRPI	POOR	IRI 182						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT						
240	1.88	78	0.17	167.00	POOR	N/A	N/A	3	0	4	6	0	2	6						
241	1.43	82	0.14	197.00	POOR	N/A	N/A	6	4	5	0	0	2	0						
242	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
AVG						1.66	80	0.16	182.00	POOR	N/A	N/A	5	0	4	6	0	0	2	3

10 OCCURS	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	RESHAPED		32.0				1957					
	5.0 AGGREGATE BASE		29.0				1957					
	2.0 STABILIZED BASE		28.0				1957					
	2.5 HOT BIT PAVEMENT		24.0		120-150		1957	75				
	2.0 HOT BIT PAVEMENT		24.0		200-300		1975	92	20			
	CONTRACT CHIP SEAL		28.0		MC-3000		1990	22				
	DRIVE SLOPE FLATTENING						1995	20				
	-2.0 MILLING		26.0				2011			17134		1
	2.0 HBP-SUPERPAVE-FAA 45		26.0		PG 58-28	SP	2011	387	10	17134		1
	CONTRACT CHIP SEAL		26.0		CRS2P	41	2014	72		18957		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		118.000	0.0120	119.000	0.2450	1.2317	4.0	24.0	10.0	10.0	8.0	55.0	38.0	1555	7630 2023	2410	32	32		CONCR	JOINT	RI	1	1992	1992	1992	CPR_ONLY
N OF BUXTON N TO R.P. 119.245																		2014	DIST 98	RIDE 3.97	PRPI	GOOD	IRI	62					
																		2015	DIST 94	RIDE 4.03	PRPI	GOOD	IRI	60					
																		2016	DIST 96	RIDE 4.03	PRPI	GOOD	IRI	59					
																		2017	DIST 92	RIDE 3.97	PRPI	GOOD	IRI	62					
																		2018	DIST 94	RIDE 4.06	PRPI	GOOD	IRI	58					
																		2019	DIST 93	RIDE 4.13	PRPI	GOOD	IRI	55					
																		2020	DIST 93	RIDE 4.35	PRPI	GOOD	IRI	45					
																		2021	DIST 94	RIDE 4.20	PRPI	GOOD	IRI	51					
																		2022	DIST 93	RIDE 4.18	PRPI	GOOD	IRI	53					
																		2023	DIST 92	RIDE 3.99	PRPI	GOOD	IRI	62					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	FLC	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
118	3.62	89	N/A	78.00	FAIR	0.09	161	0	0	0	0	1	4	4	0	0	1
119	4.35	94	N/A	46.00	GOOD	0.09	120	0	0	0	0	0	1	3	0	0	1
AVG	3.99	92	N/A	62.00	GOOD	0.09	141	0	0	0	0	1	3	4	0	0	1

DPHTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7	OCCURS											
	GRADE		53.0				1968					
	C-C 104 FEET						1968					
5.0	AGGREGATE BASE		52.0				1992					
5.0	RECYCLED BITUMINOUS BASE		39.0				1992					
10.0	RECYCLED PCC	4.0	24.0	10.0			1992	4700	30			
	CONCRETE PAVEMENT REPAIR						2010			16768		1
	CONCRETE PAVEMENT REPAIR	4.0	24.0	10.0			2017	70		21653		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		119.000	0.2450	129.000	0.5390	10.2744	4.0	24.0	10.0	12.5	8.0	56.0	38.0	1555	7598 2023	2410	10	10			CONCR JOINT RI	1	2014	2014	2014	PCC	JOINTED
N OF BUXTON_N TO S OF ND 15																		2014	DIST 97	RIDE 3.94	PRPI	GOOD	IRI	63					
																		2015	DIST 94	RIDE 3.95	PRPI	GOOD	IRI	63					
																		2016	DIST 94	RIDE 3.99	PRPI	GOOD	IRI	61					
																		2017	DIST 92	RIDE 4.02	PRPI	GOOD	IRI	60					
																		2018	DIST 94	RIDE 3.88	PRPI	GOOD	IRI	66					
																		2019	DIST 96	RIDE 4.38	PRPI	GOOD	IRI	44					
																		2020	DIST 95	RIDE 4.54	PRPI	GOOD	IRI	37					
																		2021	DIST 97	RIDE 4.44	PRPI	GOOD	IRI	41					
																		2022	DIST 95	RIDE 4.49	PRPI	GOOD	IRI	39					
																		2023	DIST 94	RIDE 4.41	PRPI	GOOD	IRI	42					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)		AVERAGE RIDE, DISTRESS & RUT									
						FLT	FLT DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
120	4.44	95	N/A	41.00	GOOD	0.08	103	0	0	0	0	1	3	0	0	0	
121	4.42	94	N/A	42.00	GOOD	0.09	126	0	0	0	0	1	4	0	0	0	
122	4.25	95	N/A	50.00	GOOD	0.09	115	0	0	0	0	1	3	0	0	0	
123	4.42	94	N/A	42.00	GOOD	0.08	94	0	0	0	0	2	3	0	0	0	
124	4.46	94	N/A	40.00	GOOD	0.08	121	0	0	0	0	2	3	0	0	0	
125	4.45	94	N/A	41.00	GOOD	0.09	105	0	0	0	0	2	3	0	0	0	
126	4.42	95	N/A	42.00	GOOD	0.08	108	0	0	0	0	1	3	0	0	0	
127	4.37	95	N/A	45.00	GOOD	0.08	103	0	0	0	0	1	3	0	0	0	
128	4.54	95	N/A	37.00	GOOD	0.08	105	0	0	0	0	1	3	0	0	0	
129	4.36	87	N/A	45.00	GOOD	0.10	155	0	0	0	4	1	7	0	0	0	
AVG	4.41	94	N/A	42.50	GOOD	0.09	114	0	0	0	0	1	4	0	0	0	

6 OCCURS		LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN			
DPTH (IN)	COMPONENTS	WIDTH (FT)	WIDTH (FT)	WIDTH (FT)	TYPE	AGG	THOUS	LFE	PCN	SUB	H
	GRADE		56.0				2014		18694	1	
8.0	SALVAGED BIT BASE		41.0				2014		18694	1	
12.5	NON-REINF PCC	1.0	24.0	2.0	AE	S3	2014	15391	30	18694	1
16.5	SALVAGED BIT BASE	3.0		8.0			2014		18694	1	
4.0	HBP-SUPERPAVE-FAA 40 DOWELED	3.0		8.0	PG 58-28	SP	2014		18694	1	
							2014		18694	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	29	N		129.000	0.5390	136.000	0.8740	7.3324	4.0	24.0	10.0	11.0	8.0	56.0	38.0	2077	8567 2023	3574	15	15		CONCR	JOINT	RI	1	2009	2009	2009	PCC JOINTED				
N OF ND 15 N TO NEAR 32ND AVE-GF																		2014	DIST	97	RIDE	4.28	PRPI	GOOD	IRI	48							
2008 PCN 16384 - MEDIAN CROSSOVER																		2015	DIST	94	RIDE	4.16	PRPI	GOOD	IRI	54							
																		2016	DIST	96	RIDE	3.95	PRPI	GOOD	IRI	63							
																		2017	DIST	92	RIDE	4.14	PRPI	GOOD	IRI	55							
																		2018	DIST	94	RIDE	4.18	PRPI	GOOD	IRI	53							
																		2019	DIST	96	RIDE	4.12	PRPI	GOOD	IRI	55							
																		2020	DIST	94	RIDE	4.37	PRPI	GOOD	IRI	44							
																		2021	DIST	96	RIDE	4.14	PRPI	GOOD	IRI	55							
																		2022	DIST	93	RIDE	4.23	PRPI	GOOD	IRI	50							
																		2023	DIST	89	RIDE	4.18	PRPI	GOOD	IRI	52							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
130	4.13	90	N/A	55.00	GOOD	0.11	181	0	0	0	0	1	8	0	0	0
131	4.08	88	N/A	57.00	GOOD	0.11	190	0	0	0	0	3	8	0	0	0
132	4.32	84	N/A	47.00	GOOD	0.10	183	0	0	0	0	7	8	0	0	0
133	4.26	90	N/A	49.00	GOOD	0.10	173	0	0	0	1	0	7	0	0	0
134	4.28	90	N/A	48.00	GOOD	0.10	183	0	0	0	0	1	8	0	0	0
135	4.03	90	N/A	59.00	GOOD	0.10	174	0	0	0	0	1	8	0	0	0
136	4.19	89	N/A	53.00	GOOD	0.10	161	0	0	0	0	3	7	0	0	0
AVG	4.18	89	N/A	52.57	GOOD	0.10	178	0	0	0	0	2	8	0	0	0

8 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		56.0				2009			16387		1
	5.0	SALVAGED AGGR BASE		31.0				2009			16387		1
	3.0	PERM CEMENT STAB BASE		28.0				2009			16387		1
	11.0	NON-REINF PCC DOWELED	1.0	24.0	2.0	AE	S3	2009	8968	30	16387		1
	15.0	SALVAGED AGGR BASE		3.4		8.4		2009			16387		1
	4.0	HOT BIT PAVEMENT		3.0		8.0	PG 58-28	27	2009		16387		1
		EDGE DRAIN		27.0				2009			16387		1



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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
6	29	N		136.000	0.8740	141.000	0.0000	4.1214	4.0	24.0	10.0	10.0	4.0	54.0	38.0	1889	8265 2023	2936	35	14			CONCR JOINT UI	1	1989	2011	2020	CPR_ONLY							
NEAR 32ND AVE S N TO HWY 2 INTER.																																			
																				2014	DIST 90	RIDE 4.07	PRPI	GOOD	IRI 58										
																				2015	DIST 87	RIDE 2.92	PRPI	FAIR	IRI 111										
																				2016	DIST 89	RIDE 3.06	PRPI	FAIR	IRI 105										
																				2017	DIST 90	RIDE 3.18	PRPI	FAIR	IRI 99										
																				2018	DIST 87	RIDE 2.80	PRPI	FAIR	IRI 118										
																				2019	DIST 89	RIDE 4.32	PRPI	GOOD	IRI 47										
																				2020	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A										
																				2021	DIST 90	RIDE 4.21	PRPI	GOOD	IRI 52										
																				2022	DIST 87	RIDE 4.14	PRPI	GOOD	IRI 55										
																				2023	DIST 86	RIDE 4.00	PRPI	GOOD	IRI 61										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
137	3.63	79	N/A	78.00	GOOD	0.15	231	0	0	0	4	4	10	0	1	1
138	4.15	85	N/A	55.00	GOOD	0.13	208	0	0	0	0	4	8	0	1	1
139	4.21	91	N/A	52.00	GOOD	0.07	49	0	0	0	0	4	2	0	1	1
140	4.02	89	N/A	60.00	GOOD	0.07	57	0	0	0	2	4	2	0	1	1
AVG	4.00	86	N/A	61.25	GOOD	0.11	136	0	0	0	2	4	6	0	1	1

11 OCCURS	DPATH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE						1967					
		C-C 84 FEET						1967					
		RESHAPED		50.0				1989					
	4.0	RECYCLED BITUMINOUS BASE		50.0				1989					
	10.0	RECYCLED PCC		24.0				1989	2203	30			
		NON-REINF PCC	4.0		10.0			1989					
		CONCRETE PAVEMENT REPAIR		24.0				2011	332	20	18272		1
		GRINDING		25.0				2011			18272		1
		CONCRETE PAVEMENT REPAIR		24.0				2015			20783		1
		GRINDING		24.0				2015			20783		1
		CONCRETE PAVEMENT REPAIR		24.0				2020	101	10	22961		1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	29	N		141.000	0.0000	147.000	0.2260	6.2333	4.0	24.0	10.0	10.0	4.0	54.0	38.0	1407	5105 2023	1929	35	14		CONCR	JOINT	RI	1	1989	2011	2020	CPR_ONLY																																																																														
HWY 2 INTER. TO NORTH OF GRAND FORKS																		2014	DIST	88	RIDE	3.97	PRPI	GOOD	IRI	62	2015	DIST	91	RIDE	3.08	PRPI	FAIR	IRI	103	2016	DIST	86	RIDE	3.47	PRPI	GOOD	IRI	85	2017	DIST	88	RIDE	3.22	PRPI	FAIR	IRI	96	2018	DIST	89	RIDE	3.03	PRPI	FAIR	IRI	106	2019	DIST	88	RIDE	4.07	PRPI	GOOD	IRI	57	2020	DIST	85	RIDE	4.25	PRPI	GOOD	IRI	50	2021	DIST	92	RIDE	3.99	PRPI	GOOD	IRI	61	2022	DIST	87	RIDE	4.00	PRPI	GOOD	IRI	60	2023	DIST	86	RIDE	3.70	PRPI	GOOD	IRI	74

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																						
FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP																	
141	3.74	88	N/A	72.00	GOOD	0.08	53	0	0	0	1	2	4	2	0	1	1											
142	3.65	79	N/A	77.00	GOOD	0.10	77	0	0	0	3	4	4	7	0	1	1											
143	3.72	84	N/A	74.00	GOOD	0.10	72	0	0	0	3	0	4	6	0	1	1											
144	3.78	88	N/A	71.00	GOOD	0.09	53	0	0	0	1	2	4	2	0	1	1											
145	3.70	89	N/A	75.00	GOOD	0.08	51	0	0	0	1	1	4	2	0	1	1											
146	3.49	84	N/A	84.00	FAIR	0.06	58	0	0	0	3	4	4	2	0	1	1											
147	3.84	87	N/A	68.00	GOOD	0.07	67	0	0	0	4	1	4	2	0	0	1											
AVG	3.70	86	N/A	74.43	GOOD	0.08	62	0	0	0	2	2	4	3	0	1	1											

12 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE						1967					
		C-C 84 FEET						1967					
		RESHAPED		50.0				1989					
	4.0	RECYCLED BITUMINOUS BASE		50.0				1989					
	10.0	RECYCLED PCC		24.0				1989	3331	30			
		NON-REINF PCC	4.0		10.0			1989					
		CONCRETE PAVEMENT REPAIR		24.0			S3	2000		20	13597		1
		CONCRETE PAVEMENT REPAIR		24.0				2011	502	20	18272		1
		GRINDING		25.0				2011			18272		1
		CONCRETE PAVEMENT REPAIR		24.0				2015			20783		1
		GRINDING		24.0				2015			20783		1
		CONCRETE PAVEMENT REPAIR		24.0				2020	153	10	22961		1



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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
6	29	N		152.337	0.0000	155.000	0.2050	2.8685	4.0	24.0	10.0	10.0	4.0	48.0	38.0	1230	4485 2023	2079	33	14			CONCR	JOINT	RI	1	1991	2018	2020	CPR_ONLY																			
MANVEL N TO N OF JCT CO RD 18																		2014	DIST	87	RIDE	3.93	PRPI	GOOD	IRI	64																							
2007 PCN 16754 - THIS PROJECT ALSO INCLUDED REPLACING APPROACH SLABS AND E-RAIL RETROFIT ON THE TURTLE RIVER BRIDGE																		2015	DIST	85	RIDE	3.66	PRPI	GOOD	IRI	76																							
																		2016	DIST	82	RIDE	3.73	PRPI	GOOD	IRI	73																							
																		2017	DIST	86	RIDE	3.28	PRPI	FAIR	IRI	93																							
																		2018	DIST	91	RIDE	4.10	PRPI	GOOD	IRI	56																							
																		2019	DIST	87	RIDE	4.47	PRPI	GOOD	IRI	40																							
																		2020	DIST	82	RIDE	4.02	PRPI	GOOD	IRI	60																							
																		2021	DIST	80	RIDE	4.08	PRPI	GOOD	IRI	57																							
																		2022	DIST	80	RIDE	3.89	PRPI	GOOD	IRI	66																							
																		2023	DIST	81	RIDE	4.13	PRPI	GOOD	IRI	55																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
153	4.03	79	N/A	59.00	GOOD	0.12	111	0	0	0	1	4	6	7	0	1	1
154	4.16	82	N/A	54.00	GOOD	0.10	112	0	0	0	1	1	6	7	0	1	1
155	4.20	83	N/A	52.00	GOOD	0.13	92	0	0	0	0	1	6	7	0	1	1
AVG	4.13	81	N/A	55.00	GOOD	0.12	105	0	0	0	1	2	6	7	0	1	1

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
COMPONENTS						1971					
GRADE			48.0			1971					
C-C 104 FEET						1991					
4.0 RECYCLED BITUMINOUS BASE		50.0				1991					
10.0 RECYCLED PCC		24.0				1991		30			
10.0 NON-REINF PCC	4.0		10.0			1991					
CONCRETE PAVEMENT REPAIR		24.0				2007	569	20	16754		1
CONCRETE PAVEMENT REPAIR		24.0				2018	1034	20	21663		1
GRINDING		12.0	1.0			2018			21663		1
CONCRETE PAVEMENT REPAIR		24.0				2020	71	10	22961		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
6	29	N		155.000	0.2050	161.000	0.7000	6.5231	4.0	24.0	10.0	10.0	4.0	48.0	38.0	1214	4040 2023	2062	33	14		CONCR	JOINT	RI	1	1991	2018	2020	CPR_ONLY					
CO RD 18 TO HWY 54																			2014	DIST 89	RIDE 4.00	PRPI	GOOD	IRI 61										
																			2015	DIST 90	RIDE 3.88	PRPI	GOOD	IRI 66										
																			2016	DIST 86	RIDE 3.96	PRPI	GOOD	IRI 62										
																			2017	DIST 88	RIDE 3.55	PRPI	GOOD	IRI 81										
																			2018	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A										
																			2019	DIST 91	RIDE 4.57	PRPI	GOOD	IRI 35										
																			2020	DIST 90	RIDE 4.46	PRPI	GOOD	IRI 40										
																			2021	DIST 89	RIDE 4.41	PRPI	GOOD	IRI 42										
																			2022	DIST 88	RIDE 4.37	PRPI	GOOD	IRI 44										
																			2023	DIST 84	RIDE 3.98	PRPI	GOOD	IRI 62										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																					
FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP																
156	3.98	84	N/A	62.00	GOOD	0.13	85	0	0	0	0	0	6	7	0	1	1										
157	3.72	85	N/A	74.00	GOOD	0.15	66	0	0	0	0	0	4	8	0	1	1										
158	3.89	83	N/A	66.00	GOOD	0.25	70	0	0	0	0	0	4	10	0	1	1										
159	4.29	86	N/A	48.00	GOOD	0.18	49	0	0	0	0	0	4	8	0	0	1										
160	4.08	85	N/A	58.00	GOOD	0.14	42	0	0	0	0	2	4	6	0	1	1										
161	3.90	81	N/A	65.00	GOOD	0.15	41	0	0	0	3	3	4	6	0	1	1										
AVG	3.98	84	N/A	62.17	GOOD	0.17	59	0	0	0	1	1	4	8	0	1	1										

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1971					
	C-C 104 FEET						1971					
4.0	RECYCLED BITUMINOUS BASE		50.0				1991					
10.0	RECYCLED PCC		24.0				1991	4444	30			
10.0	NON-REINF PCC	4.0		10.0			1991					
	CONCRETE PAVEMENT REPAIR GRINDING		24.0				2008	223	20	16757		1
	CONCRETE PAVEMENT REPAIR GRINDING		26.0				2011	226		18603		1
	CONCRETE PAVEMENT REPAIR GRINDING		24.0				2018	2352	20	21663		1
	CONCRETE PAVEMENT REPAIR		12.0	1.0			2018			21663		1
	CONCRETE PAVEMENT REPAIR		24.0				2020	160	10	22961		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		161.000	0.7000	168.000	0.6290	6.8959	3.0	24.0	10.0	12.0	8.0	54.0	37.0	1150	3523 2023	1990	26	20	2020	COMPO	AOCRC	RI	1	1998	2017	2017	F CHIP SEAL
N OF JCT ND 54 N TO FOREST RIVER																			2014	DIST	85	RIDE	3.63	PRPI	GOOD	IRI	78		
SOME LONGITUDINAL AND TRANSVERSE CRACKS WHICH ARE SPALLING. SEVERAL AREAS WHERE CENTERLINE TIE BARS ARE APPARENTLY MISSING. TRANSVERSE BLOWUPS WHERE STEEL HAS FAILED.																			2015	DIST	83	RIDE	3.58	PRPI	GOOD	IRI	80		
1998-DEPTH OF OVERLAY VARIED. 4" ON DRIVING LANE, 4" TO 3.25" ON PASSING LANE, & 3.25" TO 2" ON MEDIAN SHOULDER.																			2016	DIST	78	RIDE	3.56	PRPI	GOOD	IRI	80		
																			2017	DIST	89	RIDE	4.07	PRPI	GOOD	IRI	58		
																			2018	DIST	96	RIDE	3.99	PRPI	GOOD	IRI	61		
																			2019	DIST	90	RIDE	4.06	PRPI	GOOD	IRI	58		
																			2020	DIST	90	RIDE	3.96	PRPI	GOOD	IRI	62		
																			2021	DIST	90	RIDE	3.90	PRPI	GOOD	IRI	65		
																			2022	DIST	88	RIDE	3.84	PRPI	GOOD	IRI	68		
																			2023	DIST	88	RIDE	3.79	PRPI	GOOD	IRI	70		

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RT
162	3.67	89	0.17	76.00	GOOD	N/A	N/A	3	0	3	2	0
163	3.58	82	0.17	80.00	GOOD	N/A	N/A	3	0	4	2	0
164	3.74	89	0.16	72.00	GOOD	N/A	N/A	3	0	2	3	0
165	3.84	89	0.15	68.00	GOOD	N/A	N/A	3	0	3	2	0
166	3.94	89	0.15	64.00	GOOD	N/A	N/A	3	0	2	3	0
167	3.93	89	0.16	64.00	GOOD	N/A	N/A	3	0	3	2	0
168	3.82	89	0.13	69.00	GOOD	N/A	N/A	3	0	3	2	0
AVG	3.79	88	0.16	70.43	GOOD	N/A	N/A	3	0	3	2	0

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	LIME TREATED SUBGRADE GRADE		48.0				1971					
6.0	LIME TREATED SUBGRADE C-C 104 FEET		48.0				1971	1758				
2.0	PLANT MIX BIT BASE		41.0		120-150		1972					
8.0	CONT - REINF PCC		24.0				1972		20			
8.0	NON-REINF PCC CONCRETE PAVEMENT REPAIR	3.0		10.0			1972	1495				
4.0	HOT BIT PAVEMENT	3.0	24.0		120-150	S3	1998	641		971		1
4.0	HOT BIT PAVEMENT			10.0	120-150	33	1998	544	20	971		1
	FEDERAL AID CHIP SEAL		37.0		CHFRS-2P	27	1998	213		971		1
	MICROSURFACING		24.0			43	2001	140		14219		1
-2.0	MILLING	3.0	24.0	3.0		MC	2009	320		16787		1
2.0	HBP-SUPERPAVE-FAA 45	3.0	24.0	3.0	PG 64-28	SP	2017	1007		21604		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2020	280	7	21604		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	29	N		168.000	0.6290	174.000	0.9000	6.2706	4.0	24.0	10.0	10.0	8.0	54.0	38.0	1150	3575 2023	1990	25	25		CONCR	JOINT	RI	1	1999	1999	1999	CPR/GRINDING																				
FOREST RIVER N TO JCT 17																			2014	DIST	92	RIDE	3.67	PRPI	GOOD	IRI	76																						
																			2015	DIST	96	RIDE	3.89	PRPI	GOOD	IRI	65																						
																			2016	DIST	95	RIDE	4.28	PRPI	GOOD	IRI	48																						
																			2017	DIST	96	RIDE	4.23	PRPI	GOOD	IRI	51																						
																			2018	DIST	95	RIDE	4.31	PRPI	GOOD	IRI	47																						
																			2019	DIST	96	RIDE	4.48	PRPI	GOOD	IRI	39																						
																			2020	DIST	94	RIDE	4.58	PRPI	GOOD	IRI	35																						
																			2021	DIST	95	RIDE	4.38	PRPI	GOOD	IRI	44																						
																			2022	DIST	95	RIDE	4.55	PRPI	GOOD	IRI	36																						
																			2023	DIST	95	RIDE	4.31	PRPI	GOOD	IRI	47																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
169	4.34	96	N/A	46.00	GOOD	0.07	53	0	0	0	0	0	0	2	0	0	1
170	4.29	93	N/A	48.00	GOOD	0.08	48	0	0	0	0	0	3	2	0	0	1
171	4.30	94	N/A	48.00	GOOD	0.06	32	0	0	0	0	0	3	1	0	0	1
172	4.26	94	N/A	50.00	GOOD	0.07	48	0	0	0	0	1	1	2	0	0	1
173	4.34	96	N/A	46.00	GOOD	0.07	47	0	0	0	0	0	1	2	0	0	0
174	4.32	94	N/A	47.00	GOOD	0.06	36	0	0	0	0	0	3	1	0	0	1
AVG	4.31	95	N/A	47.50	GOOD	0.07	44	0	0	0	0	0	2	2	0	0	1

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		54.0				1999			1215	1	
4.0	SALVAGED BIT BASE		42.0				1999			1215	1	
4.0	PERM CEMENT STAB BASE		29.0		AE	07	1999			1215	1	
10.0	NON-REINF PCC	4.0	24.0		AE	S4	1999	6100	30	1215	1	
9.5	RECYCLED PCC			10.0	AE	S4	1999			1215	1	
	EDGE DRAIN		28.0				1999			1215	1	
	CONCRETE PAVEMENT REPAIR		24.0				2015			16777	1	
	GRINDING		14.0				2015			16777	1	





ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		183.000	0.0140	183.000	0.7613	0.7473	4.0	24.0	10.0	17.0	3.0	48.0	38.0	1055	3155 2023	1783	20	18	2019	COMPO	AOPJC	RI	1	2004	2016	2016	F CHIP SEAL
HERRICK SOUTH																		2014	DIST	85	RIDE	3.53	PRPI	GOOD	IRI	83			
PCN 14675 - 1.5 INTERMITTENT PATCHING 183.045 - 183.537 - YR 2001																		2015	DIST	76	RIDE	3.54	PRPI	GOOD	IRI	82			
2007 PCN 16900 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.																		2016	DIST	93	RIDE	4.35	PRPI	GOOD	IRI	45			
																		2017	DIST	86	RIDE	4.32	PRPI	GOOD	IRI	47			
																		2018	DIST	97	RIDE	4.17	PRPI	GOOD	IRI	54			
																		2019	DIST	97	RIDE	4.16	PRPI	GOOD	IRI	54			
																		2020	DIST	97	RIDE	4.17	PRPI	GOOD	IRI	53			
																		2021	DIST	98	RIDE	4.09	PRPI	GOOD	IRI	57			
																		2022	DIST	98	RIDE	3.99	PRPI	GOOD	IRI	61			
																		2023	DIST	91	RIDE	3.92	PRPI	GOOD	IRI	65			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
183	3.92	91	0.23	65.00	GOOD	N/A	N/A	0	0	2	0	0	0	6
AVG	3.92	91	0.23	65.00	GOOD	N/A	N/A	0	0	2	0	0	0	6

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	SAND BASE		48.0				1961	95				
10.0	NON-REINF PCC		27.0				1961	62	20			
	C-C 75 FEET		24.0				1961					
	JOINT SPACE 20 FOOT						1961					
8.7	AGGREGATE BASE	7.1		11.2			1961					
3.0	HOT BIT PAVEMENT	6.0		10.0	150-200		1961					
4.0	HOT BIT PAVEMENT		38.0		85-100		1988	113	20			
	CONTRACT CHIP SEAL		24.0		MC-2		1994					
	CONTRACT SAND SEAL	6.0		10.0	HFMS-2		1994					
	INT CONT PATCH-1.5"		38.0		PG 58-28	27	2001	42		14675		1
3.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG 58-28	SP	2004	414	20	14870		1
	SLURRY SEAL		24.0		SS		2007	21		16900		1
-2.0	MILLING		24.0				2016			18961		1
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG 64-28	SP	2016	121	10	18961		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2019	31		21978		1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		183.000	0.7613	184.038	0.3510	0.6318	4.0	24.0	10.0	9.5	27.0	80.0	38.0	1027	2903 2023	1709	20	18	2019	FLEX	ASPHT	RI	1	2004	2016	2016	F CHIP SEAL
HERRICK NORTH																		2014	DIST	89	RIDE	3.38	PRPI	GOOD	IRI	89			
																		2015	DIST	82	RIDE	3.30	PRPI	FAIR	IRI	93			
																		2016	DIST	93	RIDE	4.25	PRPI	GOOD	IRI	50			
																		2017	DIST	89	RIDE	4.22	PRPI	GOOD	IRI	51			
																		2018	DIST	97	RIDE	4.15	PRPI	GOOD	IRI	54			
																		2019	DIST	98	RIDE	4.15	PRPI	GOOD	IRI	54			
																		2020	DIST	98	RIDE	4.18	PRPI	GOOD	IRI	53			
																		2021	DIST	98	RIDE	4.13	PRPI	GOOD	IRI	55			
																		2022	DIST	97	RIDE	4.07	PRPI	GOOD	IRI	58			
																		2023	DIST	90	RIDE	4.02	PRPI	GOOD	IRI	60			

PCN 14675 - 1.5 INTERMITTENT PATCHING 183.045 - 183.537 - YR 2001  
 2007 PCN 16900 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2023)	AVG RIDE	DISTRESS	RUT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023)	AVG RIDE	DISTRESS	RUT	THESE REF POINTS HAVE THE INCORRECT PAVEMENT TYPE																
184	4.02	90	0.22	60.00	GOOD	N/A	N/A	0	0	1	2	0	0	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COMPO

8 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS LFE
15.0	80.0	63.0	63.0	03	2004	14870	1
12.0	49.0	49.0	49.0	05	2004	14870	1
9.5	24.0	24.0	24.0	PG 58-28	SP	2004	354 20 14870
-2.0	24.0	24.0	24.0	SS	2007	18	16900
2.0	24.0	24.0	24.0	PG 64-28	SP	2016	102 10 18961
FEDERAL AID CHIP SEAL	24.0	24.0	24.0	CRS2P	11	2019	25 21978

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		184.038	0.3510	187.000	0.3470	2.9318	4.0	24.0	10.0	17.0	3.0	48.0	38.0	967	2595 2023	1709	20	18	2019	COMPO	AOPJC	RI	1	2004	2016	2016	F CHIP SEAL
N OF HERRICK N TO N OF JCT 66																		2014	DIST	88	RIDE	3.64	PRPI	GOOD	IRI	77			
MINOR TRANSVERSE JOINT SPALLING. SEALED IN 1994.																		2015	DIST	76	RIDE	3.50	PRPI	GOOD	IRI	84			
PCN 14870 STATION 9861+00 TO 9739+00 GRADE LOWERING AT STRUCTURE																		2016	DIST	93	RIDE	4.28	PRPI	GOOD	IRI	48			
2007 PCN 16900 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL																		2017	DIST	88	RIDE	4.23	PRPI	GOOD	IRI	51			
																		2018	DIST	98	RIDE	4.30	PRPI	GOOD	IRI	48			
																		2019	DIST	98	RIDE	4.19	PRPI	GOOD	IRI	52			
																		2020	DIST	98	RIDE	4.26	PRPI	GOOD	IRI	49			
																		2021	DIST	93	RIDE	4.24	PRPI	GOOD	IRI	50			
																		2022	DIST	93	RIDE	4.16	PRPI	GOOD	IRI	53			
																		2023	DIST	90	RIDE	4.12	PRPI	GOOD	IRI	55			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
185	4.28	90	0.22	48.00	GOOD	N/A	N/A	0	0	3	0	0	0	6
186	3.98	90	0.24	62.00	GOOD	N/A	N/A	0	0	3	0	0	0	6
187	4.10	90	0.23	56.00	GOOD	N/A	N/A	0	0	3	0	0	0	6
AVG	4.12	90	0.23	55.33	GOOD	N/A	N/A	0	0	3	0	0	0	6

16 OCCURS	DPH	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1958	111				
	3.0	SAND BASE		27.0				1959					
	10.0	NON-REINF PCC		24.0				1959	193	20			
		C-C 75 FEET						1959					
		JOINT SPACE 20 FOOT						1959					
	8.7	AGGREGATE BASE	7.1		11.2			1960					
	3.0	HOT BIT PAVEMENT	6.0		10.0	150-200		1960					
		RECLAMITE				RC-3		1960	50				
	4.0	HOT BIT PAVEMENT		38.0		85-100		1988	445	20			
		CONTRACT CHIP SEAL		24.0		HFMS-2		1994	56				
		CONTRACT SAND SEAL	10.0		10.0	HFMS-2		1994					
	3.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG 58-28	SP	2004	1614	20	14870	1	
		SLURRY SEAL		24.0			SS	2007	84		16900	1	
	-2.0	MILLING		24.0				2016			18691	1	
	2.0	HBP-SUPERPAVE-FAA 45		24.0		PG 64-28	SP	2016	475	10	18961	1	
		FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2019	121		21978	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		187.000	0.3470	197.000	0.0800	9.7619	4.0	24.0	10.0	17.0	3.0	52.0	38.0	763	1869 2023	1262	20	18	2019	COMPO	AOPJC	RI	1	2004	2016	2016	F CHIP SEAL
N OF JCT 66 TO N BOWESMONT INTR																		2014	DIST	89	RIDE	3.72	PRPI	GOOD	IRI	73			
																		2015	DIST	79	RIDE	3.67	PRPI	GOOD	IRI	76			
																		2016	DIST	93	RIDE	4.26	PRPI	GOOD	IRI	49			
																		2017	DIST	89	RIDE	4.20	PRPI	GOOD	IRI	52			
																		2018	DIST	98	RIDE	4.28	PRPI	GOOD	IRI	48			
																		2019	DIST	97	RIDE	4.15	PRPI	GOOD	IRI	54			
																		2020	DIST	96	RIDE	4.23	PRPI	GOOD	IRI	51			
																		2021	DIST	95	RIDE	4.15	PRPI	GOOD	IRI	54			
																		2022	DIST	93	RIDE	4.10	PRPI	GOOD	IRI	57			
																		2023	DIST	89	RIDE	4.04	PRPI	GOOD	IRI	59			

PCN 14870 STATION 10075+00 TO 10089+00, 10182+50 TO 10195+00,  
10344+00 TO 10356+00 GRADE LOWERING AT STRUCTURES  
2007 PCN 16900 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
188	4.12	90	0.25	56.00	GOOD	N/A	N/A	0	0	0	3	0	0	6
189	4.03	90	0.24	60.00	GOOD	N/A	N/A	0	0	0	3	0	0	6
190	3.98	86	0.25	62.00	GOOD	N/A	N/A	3	0	0	2	0	0	6
191	3.96	87	0.25	63.00	GOOD	N/A	N/A	0	0	1	3	0	0	6
192	4.13	89	0.22	55.00	GOOD	N/A	N/A	0	0	1	3	0	0	6
193	4.11	89	0.22	56.00	GOOD	N/A	N/A	0	0	1	3	0	0	6
194	4.12	95	0.19	55.00	GOOD	N/A	N/A	0	0	1	3	0	0	0
195	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
196	3.87	87	0.21	67.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
AVG	4.04	89	0.23	59.25	GOOD	N/A	N/A	1	0	1	3	0	0	5

14 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	3.0	SAND BASE		52.0				1958	422				
	10.0	NON-REINF PCC		27.0				1959	232				
		JOINT SPACE 20 FOOT		24.0				1959	817	20			
	8.7	AGGREGATE BASE	11.2		11.2			1960					
	3.0	HOT BIT PAVEMENT	10.0		10.0	150-200		1960					
	4.0	HOT BIT PAVEMENT		44.0		85-100		1988	1450	20			
		CONTRACT CHIP SEAL		24.0		HFMS-2		1994	176				
		CONTRACT SAND SEAL		20.0		HFMS-2		1994					
	3.0	HBP-SUPERPAVE-FAA 45 SLURRY SEAL	4.0	24.0	10.0	PG 58-28	SP	2004	5302	20	14870	1	
	-2.0	MILLING		24.0			SS	2007	281		16900	1	
	2.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL		24.0		PG 64-28	SP	2016		10	18961	1	
				24.0		CRS2P	11	2019	408		21978	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		197.000	0.0800	205.000	0.9320	8.8544	4.0	24.0	10.0	18.0	3.0	52.0	38.0	737	1610 2023	1254	16	16	2011	COMPO	AOPJC	RI	1	2008	2008	2008	SLURRY SEAL
N BOWSMONT INTR N TO BATHGATE SEP.																													
2008 PCN 15924 - LOWER GRADE UNDER BOWSMONT, CARLISLE, JOLIETTE AND BATHGATE SEPERATIONS.																													
2011 PCN 18604 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.																													
2014 DIST 92 RIDE 4.19 PRPI GOOD IRI 52																													
2015 DIST 85 RIDE 4.12 PRPI GOOD IRI 55																													
2016 DIST 81 RIDE 4.07 PRPI GOOD IRI 57																													
2017 DIST 85 RIDE 4.04 PRPI GOOD IRI 59																													
2018 DIST 89 RIDE 3.87 PRPI GOOD IRI 66																													
2019 DIST 85 RIDE 4.02 PRPI GOOD IRI 60																													
2020 DIST 84 RIDE 3.94 PRPI GOOD IRI 64																													
2021 DIST 84 RIDE 3.89 PRPI GOOD IRI 65																													
2022 DIST 83 RIDE 3.80 PRPI GOOD IRI 69																													
2023 DIST 81 RIDE 3.72 PRPI GOOD IRI 73																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
197	3.49	80	0.29	84.00	GOOD	N/A	N/A	6	0	2	3	0	0	2	6
198	3.92	82	0.25	65.00	GOOD	N/A	N/A	6	0	2	3	0	0	0	6
199	3.60	81	0.29	79.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	6
200	3.81	86	0.23	70.00	GOOD	N/A	N/A	3	0	2	2	0	0	0	6
201	3.60	81	0.30	79.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	6
202	3.87	80	0.30	67.00	GOOD	N/A	N/A	6	0	2	3	0	0	2	6
203	3.63	81	0.26	77.00	GOOD	N/A	N/A	6	0	2	2	0	0	2	6
204	3.84	83	0.34	68.00	GOOD	N/A	N/A	6	0	1	3	0	0	0	6
205	3.73	71	0.38	73.00	GOOD	N/A	N/A	9	0	3	2	0	0	0	14
AVG	3.72	81	0.29	73.56	GOOD	N/A	N/A	6	0	2	3	0	0	1	7

16 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS										
GRADE		52.0				1958	396			
3.0 SAND BASE		27.0				1959	218			
10.0 NON-REINF PCC		24.0				1959	764	20		
JOINT SPACE 20 FOOT						1959				
8.7 AGGREGATE BASE		22.0				1960				
3.0 HOT BIT PAVEMENT		20.0		150-200		1960				
DISTRICT SAND SEAL				RC-3		1960	530			
CRACK AND SEAT						1989				
3.3 HOT BIT PAVEMENT		24.0		120-150		1989	1224	20		
SAFETY PROJECT						1989				
2.8 HOT BIT PAVEMENT	4.0		10.0			1989				
CONTRACT CHIP SEAL		24.0		HFMS-2		1996	132		665	1
INT CONT PATCH-1.5"	4.0	24.0	5.0	PG 58-28	27	2005	386		15679	1
-1.5 MILLING		38.0				2008			16850	1
4.0 HBP-SUPERPAVE-FAA 42	4.0	24.0	10.0	PG 58-28	SP	2008		20	16850	1
SLURRY SEAL		24.0			SS	2011			18604	1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
6	29	N		205.000	0.9320	206.000	0.6313	0.6993	4.0	24.0	10.0	10.0	18.0	48.0	38.0	680	1465 2023	1190	16	16	2011	COMPO	AOPJC	RI	1	2008	2008	2008	SLURRY SEAL					
SOUTH OF BATHGATE SEP TO N OF SEP																			2014	DIST	92	RIDE	4.09	PRPI	GOOD	IRI	57							
																			2015	DIST	88	RIDE	4.08	PRPI	GOOD	IRI	57							
																			2016	DIST	77	RIDE	4.07	PRPI	GOOD	IRI	58							
																			2017	DIST	86	RIDE	3.99	PRPI	GOOD	IRI	61							
																			2018	DIST	92	RIDE	3.93	PRPI	GOOD	IRI	64							
																			2019	DIST	85	RIDE	4.03	PRPI	GOOD	IRI	60							
																			2020	DIST	83	RIDE	4.02	PRPI	GOOD	IRI	60							
																			2021	DIST	85	RIDE	3.87	PRPI	GOOD	IRI	67							
																			2022	DIST	85	RIDE	3.90	PRPI	GOOD	IRI	65							
																			2023	DIST	81	RIDE	3.73	PRPI	GOOD	IRI	73							

2008 PCN 15924 - LOWER GRADE UNDER BOWSMONT, CARLISLE, JOLIETTE AND BATHGATE SEPERATIONS.  
2011 PCN 17851 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE RIDE, DISTRESS & RUT							
						BLD	LC	TC	BC	RW	BP	RT			
206	3.73	81	0.21	73.00	GOOD	N/A	N/A	6	0	2	2	0	0	2	6
AVG	3.73	81	0.21	73.00	GOOD	N/A	N/A	6	0	2	2	0	0	2	6

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	SAND BASE		52.0				1958	14				
10.0	NON-REINF PCC		27.0				1959	7				
	JOINT SPACE 20 FOOT		24.0				1959	26	20			
8.7	AGGREGATE BASE	11.2		11.2			1960					
3.0	HOT BIT PAVEMENT	10.0		10.0	150-200		1960					
	EDGE DRAIN						1995					
	CRACK AND SEAT						1995					
5.0	HOT BIT PAVEMENT		24.0		120-150		1995	95	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1996	4				
	INT CONT PATCH-1.5"	4.0	24.0	5.0	PG 58-28	27	2005	8		15679	1	
-1.5	MILLING		38.0				2008			16850	1	
4.0	HBP-SUPERPAVE-FAA 42	4.0	24.0	10.0	PG 58-28	SP	2008		20	16850	1	
	SLURRY SEAL		24.0			SS	2011			17851	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	N		206.000	0.6313	216.000	0.8620	10.2252	4.0	24.0	10.0	7.0	13.0	52.0	38.0	679	1571 2023	1190	15	15	2011	COMPO	AOPJC	RI	1	2009	2009	2009	SLURRY SEAL
N OF BATHGATE TO NEAR PEMBINA XCROSS																													
2014 DIST 88 RIDE 4.40 PRPI GOOD IRI 43																													
2015 DIST 89 RIDE 4.35 PRPI GOOD IRI 45																													
2016 DIST 85 RIDE 4.28 PRPI GOOD IRI 48																													
2017 DIST 84 RIDE 4.18 PRPI GOOD IRI 53																													
2018 DIST 93 RIDE 4.00 PRPI GOOD IRI 60																													
2019 DIST 85 RIDE 4.10 PRPI GOOD IRI 56																													
2020 DIST 87 RIDE 3.98 PRPI GOOD IRI 61																													
2021 DIST 85 RIDE 3.86 PRPI GOOD IRI 67																													
2022 DIST 83 RIDE 3.76 PRPI GOOD IRI 72																													
2023 DIST 81 RIDE 3.53 PRPI GOOD IRI 82																													

2008 PCN 15924 - LOWER GRADE AT BATHGATE, NECHE, PEMBINA INTERCHANGES  
2011 PCN 17851 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2018 PCN 20330 - PEMBINA BORDER CROSSING IMPROVEMENTS RP 216.779 TO RP 216.862

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
207	3.48	79	0.22	85.00	GOOD	N/A	N/A	9	0	2	3	0	0	6
208	3.38	78	0.19	89.00	GOOD	N/A	N/A	9	0	2	2	0	0	6
209	3.61	79	0.20	79.00	GOOD	N/A	N/A	9	0	2	3	0	0	6
210	3.42	80	0.23	88.00	GOOD	N/A	N/A	9	0	2	2	0	0	6
211	3.27	76	0.21	95.00	FAIR	N/A	N/A	9	0	3	3	0	0	6
212	3.40	81	0.19	88.00	GOOD	N/A	N/A	6	0	2	2	0	0	6
213	3.58	86	0.20	80.00	GOOD	N/A	N/A	6	0	3	4	0	0	0
214	3.63	86	0.18	77.00	GOOD	N/A	N/A	6	0	2	3	0	0	2
215	3.90	86	0.17	66.00	GOOD	N/A	N/A	6	0	2	3	0	0	2
216	3.66	79	0.23	77.00	GOOD	N/A	N/A	6	0	3	3	0	0	2
AVG	3.53	81	0.20	82.40	GOOD	N/A	N/A	8	0	2	3	0	0	4

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	SAND BASE		52.0				1958	445				
10.0	NON-REINF PCC		27.0				1959	245				
	JOINT SPACE 20 FOOT		24.0				1959	860	20			
8.7	AGGREGATE BASE	11.2		11.2			1960					
3.0	HOT BIT PAVEMENT	10.0		10.0	150-200		1960					
	EDGE DRAIN						1995					
	CRACK AND SEAT						1995					
5.0	HOT BIT PAVEMENT		24.0		120-150		1995	3105	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1996	142				
	INT CONT PATCH-1.5"	4.0	24.0	5.0	PG 58-28	27	2005	246		15679	1	
-1.5	MILLING		38.0				2009			16886	1	
3.5	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 58-28	SP	2009	3243	20	16886	1	
3.5	HBP-SUPERPAVE-FAA 40			10.0	PG 58-28	SP	2009			17851	1	
	SLURRY SEAL		24.0			SS	2011			17851	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																								
6	29	N		216.000	0.8620	217.517	0.0000	0.6447	4.0	24.0	10.0	7.0	13.0	52.0	38.0	675	1565 2023	1161	11	11		COMPO	AOPJC	RI	1	2013	2013	2013	PCC	JOINTED																							
NEAR PEMBINA XCROSSING TO CANADA																			2014	DIST	86	RIDE	3.56	PRPI	GOOD	IRI	81																										
																			2015	DIST	83	RIDE	3.47	PRPI	GOOD	IRI	85																										
																			2016	DIST	86	RIDE	3.55	PRPI	GOOD	IRI	82																										
																			2017	DIST	86	RIDE	3.24	PRPI	GOOD	IRI	96																										
																			2018	DIST	95	RIDE	3.23	PRPI	GOOD	IRI	96																										
																			2019	DIST	90	RIDE	3.18	PRPI	GOOD	IRI	99																										
																			2020	DIST	89	RIDE	3.25	PRPI	GOOD	IRI	96																										
																			2021	DIST	90	RIDE	3.00	PRPI	POOR	IRI	107																										
																			2022	DIST	90	RIDE	3.06	PRPI	GOOD	IRI	105																										
																			2023	DIST	86	RIDE	3.01	PRPI	GOOD	IRI	107																										

2018 PCN 20330 - PEMBINA BORDER CROSSING IMPROVEMENTS RP 216.862 TO RP 217.507

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
217	3.01	86	0.16	107.00	GOOD	N/A	N/A	6	0	2	3	0	2	0
AVG	3.01	86	0.16	107.00	GOOD	N/A	N/A	6	0	2	3	0	2	0

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	SAND BASE		52.0				1958	28				
10.0	NON-REINF PCC		27.0				1959	15				
	JOINT SPACE 20 FOOT		24.0				1959	54	20			
8.7	AGGREGATE BASE			11.2			1960					
3.0	HOT BIT PAVEMENT			10.0	150-200		1960					
	EDGE DRAIN						1995					
	CRACK AND SEAT						1995					
5.0	HOT BIT PAVEMENT		24.0		120-150		1995	196	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1996	9				
	INT CONT PATCH-1.5"	4.0	24.0		PG 58-28	27	2005	16		15679	1	
-1.5	MILLING		38.0				2009			16886	1	
3.5	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 58-28	SP	2009	204	20	16886	1	
3.5	HBP-SUPERPAVE-FAA 40		24.0		PG 58-28	SP	2009			17851	1	
	SLURRY SEAL		24.0			SS	2011			17851	1	
8.0	SALVAGED AGGR BASE		12.0	12.0			2013			19233	1	
11.0	NON-REINF PCC		12.0	10.0	AE	S3	2013	1598	30	19233	1	



NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																									
6	29	S		118.000	0.0120	119.000	0.2450	1.2324	10.0	24.0	4.0	10.0	5.0	55.0	38.0	1565	7315 2023	2269	33	33			CONCR	JOINT	RI	1	1991	1991	1991	CPR_ONLY																																																									
N OF BUXTON N TO R.P. 119.245																		2014	DIST 96	RIDE 4.19	PRPI	GOOD	IRI	52	2015	DIST 94	RIDE 4.24	PRPI	GOOD	IRI	50	2016	DIST 93	RIDE 4.23	PRPI	GOOD	IRI	50	2017	DIST 89	RIDE 4.11	PRPI	GOOD	IRI	56	2018	DIST 94	RIDE 4.09	PRPI	GOOD	IRI	57	2019	DIST 92	RIDE 4.36	PRPI	GOOD	IRI	45	2020	DIST 93	RIDE 4.41	PRPI	GOOD	IRI	42	2021	DIST 91	RIDE 4.23	PRPI	GOOD	IRI	50	2022	DIST 91	RIDE 4.04	PRPI	GOOD	IRI	59	2023	DIST 91	RIDE 4.28	PRPI	GOOD	IRI	49

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
118	4.07	89	N/A	58.00	GOOD	0.08	54	0	0	0	1	1	4	2	0	1	1
119	4.49	92	N/A	40.00	GOOD	0.06	31	0	0	0	3	2	1	0	0	1	
AVG	4.28	91	N/A	49.00	GOOD	0.07	43	0	0	0	1	2	3	2	0	1	1

7 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		55.0				1968	79				
	C-C 104 FEET						1968					
5.0	RECYCLED BITUMINOUS BASE		50.0				1991					
10.0	RECYCLED PCC	10.0	24.0	4.0			1991	5800	30			
	CONCRETE PAVEMENT REPAIR						2010		16768			1
	GRINDING		16.0				2013		18340			1
	CONCRETE PAVEMENT REPAIR	10.0	24.0	4.0			2017	70	21653			1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		119.000	0.2450	129.000	0.5390	10.2736	10.0	24.0	4.0	12.5	8.0	56.0	38.0	1568	7471 2023	2277	11	11		CONCR	JOINT	RI	1	2013	2013	2013	PCC JOINTED
N OF BUXTON N TO S OF ND 15																		2014	DIST	97	RIDE	4.00	PRPI	GOOD	IRI	61			
																		2015	DIST	96	RIDE	3.87	PRPI	GOOD	IRI	66			
																		2016	DIST	93	RIDE	4.02	PRPI	GOOD	IRI	60			
																		2017	DIST	94	RIDE	3.95	PRPI	GOOD	IRI	63			
																		2018	DIST	94	RIDE	3.94	PRPI	GOOD	IRI	64			
																		2019	DIST	96	RIDE	4.53	PRPI	GOOD	IRI	37			
																		2020	DIST	95	RIDE	4.40	PRPI	GOOD	IRI	43			
																		2021	DIST	96	RIDE	4.50	PRPI	GOOD	IRI	38			
																		2022	DIST	96	RIDE	4.45	PRPI	GOOD	IRI	41			
																		2023	DIST	96	RIDE	4.47	PRPI	GOOD	IRI	40			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
120	4.67	96	N/A	31.00	EXCL	0.07	24	0	0	0	0	2	1	0	0	0
121	4.61	97	N/A	34.00	EXCL	0.08	36	0	0	0	0	1	1	0	0	0
122	4.54	97	N/A	37.00	GOOD	0.07	40	0	0	0	0	1	1	0	0	0
123	4.49	94	N/A	39.00	GOOD	0.07	57	0	0	0	1	2	2	0	0	0
124	4.67	97	N/A	32.00	EXCL	0.07	34	0	0	0	0	1	1	0	0	0
125	4.55	95	N/A	37.00	GOOD	0.07	47	0	0	0	1	1	2	0	0	0
126	4.21	96	N/A	52.00	GOOD	0.06	48	0	0	0	0	1	2	0	0	0
127	4.34	96	N/A	46.00	GOOD	0.07	57	0	0	0	0	1	2	0	0	0
128	4.44	96	N/A	42.00	GOOD	0.08	55	0	0	0	0	1	2	0	0	0
129	4.16	97	N/A	54.00	GOOD	0.06	41	0	0	0	0	1	1	0	0	0
AVG	4.47	96	N/A	40.40	GOOD	0.07	44	0	0	0	0	1	2	0	0	0

8 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH											
(IN) COMPONENTS											
C-C 104 FEET						1969					
GRADE		56.0				2013			18340	1	
8.0 SALVAGED BIT BASE		34.0				2013			18340	1	
12.5 NON-REINF PCC	2.0	24.0	4.0	AE	S3	2013	13507	30	18340	1	
DOWELED						2013			18340	1	
JOINT SPACE 15 FOOT						2013			18340	1	
16.5 SALVAGED BIT BASE		10.0				2013			18340	1	
4.0 HBP-SUPERPAVE-FAA 40		8.0		PG 58-28	SP	2013			18340	1	

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D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	29	S		129.000	0.5390	136.000	0.8740	7.3321	10.0	24.0	4.0	11.0	8.0	55.5	38.0	2064	8286 2023	3549	14	14		CONCR	JOINT	RI	1	2010	2010	2010	PCC JOINTED																																																																														
S OF ND 15 TO NEAR 32ND AVE-GF																		2014	DIST	96	RIDE	3.92	PRPI	GOOD	IRI	64	2015	DIST	95	RIDE	3.87	PRPI	GOOD	IRI	66	2016	DIST	93	RIDE	3.92	PRPI	GOOD	IRI	64	2017	DIST	93	RIDE	3.88	PRPI	GOOD	IRI	66	2018	DIST	95	RIDE	3.75	PRPI	GOOD	IRI	72	2019	DIST	95	RIDE	4.14	PRPI	GOOD	IRI	54	2020	DIST	95	RIDE	4.31	PRPI	GOOD	IRI	47	2021	DIST	96	RIDE	4.01	PRPI	GOOD	IRI	60	2022	DIST	95	RIDE	3.90	PRPI	GOOD	IRI	65	2023	DIST	95	RIDE	4.20	PRPI	GOOD	IRI	52

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023)	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
130	4.21	95	N/A	52.00	GOOD	0.06	37	0	0	0	0	0	3	1	0	0	0
131	4.30	95	N/A	47.00	GOOD	0.07	40	0	0	0	0	0	3	1	0	0	0
132	4.26	96	N/A	49.00	GOOD	0.06	45	0	0	0	0	0	2	1	0	0	0
133	4.06	96	N/A	58.00	GOOD	0.07	52	0	0	0	0	0	1	2	0	0	0
134	4.10	96	N/A	56.00	GOOD	0.07	41	0	0	0	0	0	2	1	0	0	0
135	4.10	95	N/A	56.00	GOOD	0.06	44	0	0	0	0	0	3	1	0	0	0
136	4.34	95	N/A	46.00	GOOD	0.06	40	0	0	0	0	0	3	1	0	0	0
AVG	4.20	95	N/A	52.00	GOOD	0.06	43	0	0	0	0	0	2	1	0	0	0

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS											
GRADE		55.0				2010			17036		1
5.0 SALVAGED AGGR BASE		31.0				2010			17036		1
3.0 PERM CEMENT STAB BASE		27.0				2010			17036		1
11.0 NON-REINF PCC		27.0		AE	S3	2010	817	30	17036		1
DOWELED						2010			17036		1
JOINT SPACE 15 FOOT						2010			17036		1
EDGE DRAIN		27.0				2010			17036		1
10.0 SALVAGED AGGR BASE	8.0		3.0			2010			17036		1
4.0 HOT BIT PAVEMENT	8.0		3.0	PG 58-28	27	2010			17036		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																													
6	29	S		136.000	0.8740	138.146	0.0000	1.2646	10.0	24.0	4.0	10.0	7.0	57.0	38.0	2100	8340 2023	3549	30	14			CONCR	JOINT	UI	1	1994	2011	2020	CPR_ONLY																																																																													
NEAR 32ND AVE N TO 32ND AVE																		2014	DIST	93	RIDE	4.28	PRPI	GOOD	IRI	48	2015	DIST	93	RIDE	2.82	PRPI	FAIR	IRI	116	2016	DIST	90	RIDE	2.89	PRPI	FAIR	IRI	113	2017	DIST	88	RIDE	3.06	PRPI	FAIR	IRI	105	2018	DIST	93	RIDE	2.79	PRPI	FAIR	IRI	118	2019	DIST	92	RIDE	4.72	PRPI	EXCL	IRI	29	2020	DIST	91	RIDE	4.79	PRPI	EXCL	IRI	26	2021	DIST	92	RIDE	4.58	PRPI	EXCL	IRI	35	2022	DIST	88	RIDE	4.24	PRPI	GOOD	IRI	50	2023	DIST	89	RIDE	4.49	PRPI	GOOD	IRI	39

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
137	4.46	89	N/A	41.00	GOOD	0.08	61	0	0	0	1	1	4	2	0	1	1
138	4.51	89	N/A	38.00	GOOD	0.07	96	0	0	0	1	0	4	3	0	1	1
AVG	4.49	89	N/A	39.50	GOOD	0.08	79	0	0	0	1	1	4	3	0	1	1

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	GRADE		57.0				1994					
3.0	SALVAGED AGGR BASE		50.0				1994					
4.0	PERM CEMENT STAB BASE		44.0				1994					
10.0	RECYCLED PCC		24.0				1994	1471	30			
10.0	DOWELED NON-REINF PCC		10.0	4.0			1994					
	EDGE DRAIN						1994					
	CONCRETE PAVEMENT REPAIR		24.0				2011	102	20	18272		1
	GRINDING		25.0				2011			18272		1
	CONCRETE PAVEMENT REPAIR		24.0				2015			20783		1
	GRINDING		24.0				2015			20783		1
	CONCRETE PAVEMENT REPAIR		24.0				2020	31	10	22961		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	29	S		138.146	0.0000	141.000	0.0070	2.8619	10.0	24.0	4.0	11.0	7.0	57.0	38.0	1888	7587 2023	3090	30	14			CONCR	JOINT	UI	1	1994	2011	2020	CPR_ONLY				
																			2014	DIST	88	RIDE	4.28	PRPI	GOOD	IRI	48							
																			2015	DIST	96	RIDE	2.86	PRPI	FAIR	IRI	114							
																			2016	DIST	92	RIDE	3.38	PRPI	FAIR	IRI	89							
																			2017	DIST	92	RIDE	3.31	PRPI	FAIR	IRI	93							
																			2018	DIST	93	RIDE	3.40	PRPI	FAIR	IRI	88							
																			2019	DIST	92	RIDE	4.65	PRPI	EXCL	IRI	32							
																			2020	DIST	92	RIDE	4.68	PRPI	EXCL	IRI	31							
																			2021	DIST	92	RIDE	4.61	PRPI	EXCL	IRI	34							
																			2022	DIST	92	RIDE	4.31	PRPI	GOOD	IRI	47							
																			2023	DIST	92	RIDE	4.47	PRPI	GOOD	IRI	40							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
139	4.47	93	N/A	40.00	GOOD	0.09	74	0	0	0	1	1	2	0	1	1
140	4.46	90	N/A	40.00	GOOD	0.09	54	0	0	0	1	4	2	0	1	1
AVG	4.47	92	N/A	40.00	GOOD	0.09	64	0	0	0	1	3	2	0	1	1

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		57.0				1994					
3.0	SALVAGED AGGR BASE		50.0				1994					
4.0	PERM CEMENT STAB BASE		44.0				1994					
11.0	RECYCLED PCC		24.0				1994	3050	30			
	DOWELED						1994					
11.0	NON-REINF PCC		10.0		4.0		1994					
	EDGE DRAIN						1994					
	CONCRETE PAVEMENT REPAIR		24.0				2011	230	20	18272		1
	GRINDING		25.0				2011			18272		1
	CONCRETE PAVEMENT REPAIR		24.0				2015			20783		1
	GRINDING		24.0				2015			20783		1
	CONCRETE PAVEMENT REPAIR		24.0				2020	70	10	22961		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		141.000	0.0070	141.196	0.0269	0.2218	6.0	36.0	4.0	10.0	7.0	65.0	46.0	1911	7098 2023	2460	30	14		CONCR	JOINT	UI	1	1994	2011	2020	CPR_ONLY
S US 2 N TO US 2																		2014	DIST	87	RIDE	3.87	PRPI	GOOD	IRI	67			
																		2015	DIST	89	RIDE	2.92	PRPI	FAIR	IRI	111			
																		2016	DIST	92	RIDE	3.36	PRPI	FAIR	IRI	90			
																		2017	DIST	89	RIDE	2.94	PRPI	FAIR	IRI	110			
																		2018	DIST	91	RIDE	3.19	PRPI	FAIR	IRI	98			
																		2019	DIST	90	RIDE	4.49	PRPI	GOOD	IRI	39			
																		2020	DIST	91	RIDE	4.59	PRPI	GOOD	IRI	35			
																		2021	DIST	92	RIDE	4.37	PRPI	GOOD	IRI	44			
																		2022	DIST	92	RIDE	4.09	PRPI	GOOD	IRI	57			
																		2023	DIST	88	RIDE	4.34	PRPI	GOOD	IRI	46			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																	
FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP												
141	4.34	88	N/A	46.00	GOOD	0.08	78	0	0	0	1	1	4	3	0	1	1						
AVG	4.34	88	N/A	46.00	GOOD	0.08	78	0	0	0	1	1	4	3	0	1	1						

13 OCCURS												
DPTH (IN)	COMPONENTS		L SHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB H
3.0	SALVAGED AGGR BASE			65.0				1994				
4.0	PERM CEMENT STAB BASE			58.0				1994				
11.0	RECYCLED PCC DOWELED			52.0				1994	237	30		
10.0	NON-REINF PCC		6.0		4.0			1994				
	EDGE DRAIN							1994				
	CONCRETE PAVEMENT REPAIR			24.0		S3		2000	20	13597		1
	CONCRETE PAVEMENT REPAIR			24.0				2011	17	20	18272	1
	GRINDING			25.0				2011			18272	1
	CONCRETE PAVEMENT REPAIR			24.0				2015			20783	1
	GRINDING			24.0				2015			20783	1
	CONCRETE PAVEMENT REPAIR			24.0				2020	5	10	22961	1

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6	29	S		141.196	0.0269	141.196	0.1079	0.0810	6.0	36.0	4.0	10.0	7.0	65.0	46.0	1390	3885 2023	2460	30	14		CONCR	JOINT	UI	1	1994	2011	2020	CPR_ONLY																																																																														
US 2 NORTH																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE LJS	DISTRESS LC	& RUT TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

13 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	3.0	SALVAGED AGGR BASE		65.0				1994					
	4.0	PERM CEMENT STAB BASE		58.0				1994					
	10.0	RECYCLED PCC		52.0				1994	2806	30			
	10.0	DOWELED NON-REINF PCC	6.0		4.0			1994					
		EDGE DRAIN						1994					
		CONCRETE PAVEMENT REPAIR		24.0		S3		2000		20	13597		1
		CONCRETE PAVEMENT REPAIR		24.0				2011	6	20	18272		1
		GRINDING		25.0				2011			18272		1
		CONCRETE PAVEMENT REPAIR		24.0				2015			20783		1
		GRINDING		24.0				2015			20783		1
		CONCRETE PAVEMENT REPAIR		24.0				2020		10	22961		1

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6	29	S		141.196	0.1079	143.000	0.9390	2.6296	10.0	24.0	4.0	10.0	7.0	57.0	38.0	1390	3885 2023	2460	30	14		CONCR	JOINT	UI	1	1994	2011	2020	CPR_ONLY
N OF US 2 N TO S OF N GF INTR																		2014	DIST 93	RIDE 4.13	PRPI	GOOD	IRI 55						
																		2015	DIST 96	RIDE 2.78	PRPI	FAIR	IRI 118						
																		2016	DIST 93	RIDE 2.99	PRPI	FAIR	IRI 108						
																		2017	DIST 90	RIDE 3.19	PRPI	FAIR	IRI 98						
																		2018	DIST 94	RIDE 2.82	PRPI	FAIR	IRI 116						
																		2019	DIST 89	RIDE 4.34	PRPI	GOOD	IRI 46						
																		2020	DIST 89	RIDE 4.39	PRPI	EXCL	IRI 44						
																		2021	DIST 94	RIDE 4.39	PRPI	GOOD	IRI 44						
																		2022	DIST 92	RIDE 4.02	PRPI	GOOD	IRI 60						
																		2023	DIST 91	RIDE 4.28	PRPI	GOOD	IRI 48						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
142	4.41	92	N/A	43.00	GOOD	0.07	96	0	0	0	1	1	1	3	0	1	0
143	4.15	89	N/A	54.00	GOOD	0.08	68	0	0	0	1	1	4	2	0	1	1
AVG	4.28	91	N/A	48.50	GOOD	0.08	82	0	0	0	1	1	3	3	0	1	1

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		57.0				1994					
3.0	SALVAGED AGGR BASE		50.0				1994					
4.0	PERM CEMENT STAB BASE		44.0				1994					
10.0	RECYCLED PCC		24.0				1994	2806	30			
	DOWELED						1994					
10.0	NON-REINF PCC		10.0		4.0		1994					
	EDGE DRAIN						1994					
	CONCRETE PAVEMENT REPAIR		24.0			S3	2000		20	13597		1
	CONCRETE PAVEMENT REPAIR		24.0				2011	212	20	18272		1
	GRINDING		25.0				2011			18272		1
	CONCRETE PAVEMENT REPAIR		24.0				2015			20783		1
	GRINDING		24.0				2015			20783		1
	CONCRETE PAVEMENT REPAIR		24.0				2020	64	10	22961		1



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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
6	29	S		143.000	0.9390	147.000	0.2260	3.2838	10.0	24.0	4.0	9.0	8.0	64.0	38.0	1650	5978 2023	2855	31	14		CONCR	JOINT	RI	1	1993	2011	2020	CPR_ONLY																		
S OF N GF INTR TO N OF N GF INTR-SB																		2014	DIST	88	RIDE	4.02	PRPI	GOOD	IRI	60																					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
144	4.08	86	N/A	58.00	GOOD	0.08	62	0	0	3	2	4	2	0	1	1
145	4.22	86	N/A	51.00	GOOD	0.08	60	0	0	3	2	4	2	0	1	1
146	3.87	87	N/A	67.00	GOOD	0.09	95	0	0	1	2	3	3	0	0	3
147	4.52	92	N/A	38.00	GOOD	0.06	53	0	0	1	2	1	2	0	0	1
AVG	4.17	88	N/A	53.50	GOOD	0.08	68	0	0	2	2	3	2	0	1	2

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1968					
	RESHAPED		53.0				1993					
3.0	SALVAGED AGGR BASE		46.0				1993					
4.0	PERM CEMENT STAB BASE		44.0				1993					
9.0	RECYCLED PCC		24.0				1993	2520	30			
9.0	NON-REINF PCC	10.0		4.0			1993					
	EDGE DRAIN						1993					
	CONCRETE PAVEMENT REPAIR		24.0			S3	2000		20	13597		1
	CONCRETE PAVEMENT REPAIR		24.0				2011	264	20	18272		1
	GRINDING		25.0				2011			18272		1
	CONCRETE PAVEMENT REPAIR		24.0				2015			20783		1
	GRINDING		24.0				2015			20783		1
	CONCRETE PAVEMENT REPAIR		24.0				2020	80	10	22961		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
6	29	S		147.000	0.2260	151.000	0.4770	4.2515	10.0	24.0	4.0	9.0	7.0	55.0	38.0	1730	6620 2023	2855	31	12		CONCR	JOINT	RI	1	1993	2020	2022	CPR/GRINDING																		
N OF N GF INTR N TO S MANVEL INT-SB																		2014	DIST	90	RIDE	4.13	PRPI	GOOD	IRI	55																					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
148	4.41	90	N/A	43.00	GOOD	0.06	49	0	0	0	3	1	1	2	0	1	1
149	4.30	93	N/A	47.00	GOOD	0.07	73	0	0	0	1	1	1	2	0	0	1
150	4.38	94	N/A	44.00	GOOD	0.07	50	0	0	0	0	1	1	2	0	0	1
151	4.54	95	N/A	37.00	GOOD	0.07	44	0	0	0	0	1	1	1	0	0	1
AVG	4.41	93	N/A	42.75	GOOD	0.07	54	0	0	0	1	1	1	2	0	0	1

14 OCCURS	DPATH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		46.0				1949	103				
		RESHAPED		64.0				1993					
	12.0	AGGREGATE BASE		53.0				1993					
	4.0	SALVAGED AGGR BASE		46.0				1993					
	4.0	PERM CEMENT STAB BASE		44.0				1993					
	9.0	RECYCLED PCC		24.0				1993	3259	30			
	9.0	NON-REINF PCC	10.0		4.0			1993					
		EDGE DRAIN						1993					
		CONCRETE PAVEMENT REPAIR		24.0			S3	2000		20	13597		1
		CONCRETE PAVEMENT REPAIR		24.0				2013	279	20	17763		1
		GRINDING		15.0				2013			17763		1
		CONCRETE PAVEMENT REPAIR		24.0				2020	104	10	22961		1
		CONCRETE PAVEMENT REPAIR		24.0				2022		10	23297		1
		GRINDING		24.0				2022	1101		23297		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
6	29	S		151.000	0.4770	152.337	0.0000	0.8649	10.0	24.0	4.0	9.0	7.0	55.0	38.0	1730	6620 2023	2855	31	12		CONCR	JOINT	RI	1	1993	2020	2022	CPR/GRINDING																					
S MANVEL INTR N TO MANVEL INTR-SB																			2014	DIST	90	RIDE	3.93	PRPI	GOOD	IRI	64																							
																			2015	DIST	86	RIDE	3.96	PRPI	GOOD	IRI	63																							
																			2016	DIST	84	RIDE	4.13	PRPI	GOOD	IRI	55																							
																			2017	DIST	85	RIDE	3.88	PRPI	GOOD	IRI	67																							
																			2018	DIST	93	RIDE	3.69	PRPI	GOOD	IRI	75																							
																			2019	DIST	91	RIDE	3.91	PRPI	GOOD	IRI	65																							
																			2020	DIST	90	RIDE	4.08	PRPI	GOOD	IRI	57																							
																			2021	DIST	88	RIDE	3.63	PRPI	GOOD	IRI	77																							
																			2022	DIST	95	RIDE	4.69	PRPI	EXCL	IRI	30																							
																			2023	DIST	91	RIDE	4.56	PRPI	GOOD	IRI	36																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
152	4.56	91	N/A	36.00	GOOD	0.07	47	0	0	0	1	1	3	2	0	0	1
AVG	4.56	91	N/A	36.00	GOOD	0.07	47	0	0	0	1	1	3	2	0	0	1

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1971					
	RESHAPED		55.0				1993					
4.0	SALVAGED AGGR BASE		47.0				1993					
4.0	PERM CEMENT STAB BASE		44.0				1993					
9.0	RECYCLED PCC		24.0				1993	659	30			
9.0	NON-REINF PCC	10.0		4.0			1993					
	EDGE DRAIN						1993					
	CONCRETE PAVEMENT REPAIR		24.0			S3	2000		20	13597		1
	CONCRETE PAVEMENT REPAIR		24.0				2013	57	20	17763		1
	GRINDING		15.0				2013			17763		1
	CONCRETE PAVEMENT REPAIR		24.0				2020	21	10	22961		1
	CONCRETE PAVEMENT REPAIR		24.0				2022	224	10	23297		1
	GRINDING		24.0				2022			23297		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
6	29	S		152.337	0.0000	155.000	0.2050	2.8660	10.0	24.0	4.0	10.0	7.5	55.5	38.0	1230	4290 2023	2165	31	12		CONCR	JOINT	RI	1	1993	2020	2022	CPR/GRINDING																					
MANVEL N TO N OF CO. RD. 18																		2014	DIST	90	RIDE	3.89	PRPI	GOOD	IRI	66																								
																		2015	DIST	91	RIDE	3.98	PRPI	GOOD	IRI	62																								
																		2016	DIST	93	RIDE	4.08	PRPI	GOOD	IRI	57																								
																		2017	DIST	90	RIDE	3.95	PRPI	GOOD	IRI	63																								
																		2018	DIST	93	RIDE	3.92	PRPI	GOOD	IRI	65																								
																		2019	DIST	92	RIDE	4.04	PRPI	GOOD	IRI	59																								
																		2020	DIST	92	RIDE	4.30	PRPI	GOOD	IRI	48																								
																		2021	DIST	91	RIDE	3.85	PRPI	GOOD	IRI	68																								
																		2022	DIST	97	RIDE	4.85	PRPI	EXCL	IRI	23																								
																		2023	DIST	93	RIDE	4.61	PRPI	EXCL	IRI	34																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE LJS	RIDE LC	DISTRESS TC	& RUT TJS	FLT	BS	BP	CP
153	4.43	92	N/A	42.00	GOOD	0.07	38	0	0	0	1	3	1	0	1	1
154	4.68	94	N/A	31.00	EXCL	0.06	41	0	0	0	0	3	1	0	0	1
155	4.71	94	N/A	29.00	EXCL	0.06	32	0	0	0	0	3	1	0	0	1
AVG	4.61	93	N/A	34.00	EXCL	0.06	37	0	0	0	0	3	1	0	0	1

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1971					
	RESHAPED		55.0				1993					
8.0	BLENDED BASE		46.0				1993					
10.0	RECYCLED PCC		24.0				1993	1798	30			
10.0	NON-REINF PCC	10.0		4.0			1993					
	CONCRETE PAVEMENT REPAIR		24.0			S3	2000		20	13597		1
	CONCRETE PAVEMENT REPAIR		24.0				2013	188	20	17763		1
	GRINDING		15.0				2013			17763		1
	CONCRETE PAVEMENT REPAIR		24.0				2020	70	10	22961		1
	CONCRETE PAVEMENT REPAIR		24.0				2022	742	10	23297		1
	GRINDING		24.0				2022			23297		1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	29	S		155.000	0.2050	161.000	0.7000	6.4956	10.0	24.0	4.0	10.0	7.5	55.5	38.0	1230	3948 2023	2156	31	12		CONCR	JOINT	RI	1	1993	2020	2022	CPR/GRINDING																				
CO. RD. 18 TO WALSH CO. LINE																			2014	DIST	91	RIDE	3.91	PRPI	GOOD	IRI	65																						
																			2015	DIST	92	RIDE	3.97	PRPI	GOOD	IRI	62																						
																			2016	DIST	92	RIDE	4.09	PRPI	GOOD	IRI	57																						
																			2017	DIST	90	RIDE	3.94	PRPI	GOOD	IRI	64																						
																			2018	DIST	92	RIDE	3.94	PRPI	GOOD	IRI	64																						
																			2019	DIST	90	RIDE	4.03	PRPI	GOOD	IRI	59																						
																			2020	DIST	88	RIDE	4.25	PRPI	GOOD	IRI	50																						
																			2021	DIST	86	RIDE	3.89	PRPI	GOOD	IRI	66																						
																			2022	DIST	96	RIDE	4.69	PRPI	EXCL	IRI	30																						
																			2023	DIST	93	RIDE	4.49	PRPI	GOOD	IRI	39																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG FLT	NUM FLT	(2023) DC	AVERAGE CB	RIDE LJS	DISTRESS LC	& RUT TC	TJS	FLT	BS	BP	CP
156	4.70	93	N/A	30.00	EXCL	0.07	35	0	0	0	1	0	3	1	0	0	1
157	4.72	94	N/A	29.00	EXCL	0.07	60	0	0	0	0	0	2	2	0	0	1
158	4.51	94	N/A	38.00	EXCL	0.07	61	0	0	0	0	0	2	2	0	0	1
159	4.58	90	N/A	36.00	EXCL	0.12	88	0	0	0	0	0	1	7	0	0	1
160	4.01	91	N/A	61.00	GOOD	0.10	40	0	0	0	1	1	1	4	0	1	1
161	4.44	95	N/A	42.00	GOOD	0.07	72	0	0	0	0	0	1	2	0	0	1
AVG	4.49	93	N/A	39.33	GOOD	0.08	59	0	0	0	0	0	2	3	0	0	1

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1971					
	RESHAPED		55.0				1993					
8.0	BLENDED BASE		46.0				1993					
10.0	RECYCLED PCC		24.0				1993	4075	30			
10.0	NON-REINF PCC	10.0		4.0			1993					
	CONCRETE PAVEMENT REPAIR		24.0				2013	426	20	17763		1
	GRINDING		15.0				2013			17763		1
	CONCRETE PAVEMENT REPAIR		24.0				2020	159	10	22961		1
	CONCRETE PAVEMENT REPAIR		24.0				2022	1681	10	23297		1
	GRINDING		24.0				2022			23297		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		161.000	0.7000	168.000	0.6290	6.9264	10.0	24.0	4.0	10.0	8.0	55.5	38.0	1252	3361 2023	2113	27	27			CONCR JOINT RI		1	1997	1997	1997	CPR/GRINDING	
N OF JCT ND 54 N TO FOREST RIVER																		2014	DIST 92	RIDE 3.25	PRPI	FAIR	IRI 95							
																		2015	DIST 95	RIDE 4.10	PRPI	GOOD	IRI 56							
																		2016	DIST 96	RIDE 4.31	PRPI	GOOD	IRI 47							
																		2017	DIST 96	RIDE 4.29	PRPI	GOOD	IRI 48							
																		2018	DIST 95	RIDE 4.31	PRPI	GOOD	IRI 47							
																		2019	DIST 95	RIDE 4.47	PRPI	GOOD	IRI 40							
																		2020	DIST 94	RIDE 4.65	PRPI	EXCL	IRI 32							
																		2021	DIST 94	RIDE 4.25	PRPI	GOOD	IRI 50							
																		2022	DIST 95	RIDE 4.49	PRPI	GOOD	IRI 39							
																		2023	DIST 94	RIDE 4.28	PRPI	GOOD	IRI 48							

1997: THE GRADE DURING THIS YEARS CONSTRUCTION WAS WIDENED. THE LEFT SHOULDER WAS WIDENED 1.5 FEET AND THE RIGHT 2.0 FEET. THIS WAS ALSO A TEST SECTION PROJECT: THIS PORTION HAD TEST SECTION 3 STATION: 8632+90 TO 8537+67.7, TEST SECTION 4: STATION 8702+28 TO 8632+90 AND A PORTION OF TEST SECTION 2: TOTAL LENGTH STATION TO STATION: 8945+69 TO 8702+28. PROPERTIES: #3: WELL GRADED, WATER REDUCER, W/C RATIO 0.40. #4: WELL GRADED, NO WATER REDUCER, W/C RATIO OF 0.40. #2: WATER REDUCER, W/C RATIO OF 0.474 SPEC GRADED UNDER 816.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT DC	AVERAGE RIDE	DISTRESS & RUT	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
162	4.27	96	N/A	49.00	GOOD	0.07	43	0	0	0	0	0	0	1	1	0	0	1
163	4.30	94	N/A	48.00	GOOD	0.07	62	0	0	0	0	1	1	2	0	0	0	1
164	4.42	95	N/A	42.00	GOOD	0.07	72	0	0	0	0	0	1	2	0	0	0	1
165	4.36	94	N/A	45.00	GOOD	0.07	53	0	0	0	0	0	2	2	0	0	0	1
166	4.34	94	N/A	46.00	GOOD	0.06	51	0	0	0	0	0	2	2	0	0	0	1
167	4.19	87	N/A	53.00	GOOD	0.10	76	0	0	0	1	1	2	7	0	0	0	1
168	4.11	95	N/A	56.00	GOOD	0.08	56	0	0	0	0	0	1	2	0	0	0	1
AVG	4.28	94	N/A	48.43	GOOD	0.07	59	0	0	0	0	0	1	3	0	0	0	1

10 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		55.5				1997			182		1
	4.0	SALVAGED BIT BASE		32.0				1997	114		182		1
	8.0	AGGREGATE BASE	12.0				05	1997	121		182		1
	4.0	PERM CEMENT STAB BASE		29.0		AE	07	1997	412		182		1
	10.0	RECYCLED PCC		24.0		AE	S4	1997	1068	30	182		1
	9.0	RECYCLED PCC	10.0		4.0	AE	S4	1997			182		1
		JOINT SPACE 15 FOOT						1997			182		1
		EDGE DRAIN	12.5		16.5			1997	132		182		1
		CONCRETE PAVEMENT REPAIR		24.0				2015			16765		1
		GRINDING		14.0				2015			16765		1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR	EFF SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		168.000	0.6290	175.792	0.0000	7.1614	10.0	24.0	4.0	10.0	8.0	55.5	38.0	1252	3323 2023	2113	27	27			CONCR JOINT RI		1	1997	1997	1997	CPR/GRINDING	
FOREST RIVER N TO JCT 17																		2014	DIST 94	RIDE 3.26	PRPI	FAIR	IRI 95							
																		2015	DIST 97	RIDE 4.08	PRPI	GOOD	IRI 57							
																		2016	DIST 95	RIDE 4.21	PRPI	GOOD	IRI 51							
																		2017	DIST 91	RIDE 4.17	PRPI	GOOD	IRI 53							
																		2018	DIST 96	RIDE 4.17	PRPI	GOOD	IRI 53							
																		2019	DIST 95	RIDE 4.33	PRPI	GOOD	IRI 46							
																		2020	DIST 95	RIDE 4.50	PRPI	GOOD	IRI 38							
																		2021	DIST 93	RIDE 4.12	PRPI	GOOD	IRI 55							
																		2022	DIST 95	RIDE 4.34	PRPI	GOOD	IRI 45							
																		2023	DIST 93	RIDE 4.14	PRPI	GOOD	IRI 54							

\_1997: GRADE WIDTH WAS CHANGED DURING THIS YEARS CONSTRUCTION. THE LEFT SHOULDER WAS LENGTHENED 3.5 FEET AND THE RIGHT 4.0 FEET. THIS PROJECT WAS A TEST SECTION PROJECT; THIS SECTION INCLUDED TEST SECTION #1: NO WATER REDUCER, W/C RATIO OF 0.474, SPEC GRADED CONCRET E FOLLOWING 816. STATIONING OF TEST SECTION #1: 9234+70.8 TO 8945+69. ALSO PART OF TEST SECTION #2: 8945+69 TO 8702+28. #2: WATER REDUCER, W/C RATIO OF 0.474.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
169	4.17	96	N/A	53.00	GOOD	0.06	61	0	0	0	0	1	2	0	0	0
170	4.32	90	N/A	47.00	GOOD	0.07	65	0	0	0	4	2	2	0	0	1
171	4.29	94	N/A	48.00	GOOD	0.07	73	0	0	0	0	2	2	0	0	1
172	4.17	94	N/A	53.00	GOOD	0.06	59	0	0	0	1	1	2	0	0	1
173	4.21	96	N/A	52.00	GOOD	0.07	72	0	0	0	0	1	2	0	0	0
174	4.12	92	N/A	55.00	GOOD	0.07	65	0	0	0	0	4	2	0	0	1
175	3.68	92	N/A	76.00	GOOD	0.07	51	0	0	1	1	2	2	0	0	1
AVG	4.14	93	N/A	54.86	GOOD	0.07	64	0	0	0	1	2	2	0	0	1

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
4.0	SALVAGED BIT BASE		55.5				1997			182	1	
8.0	SALVAGED BIT BASE	18.5	32.0				1997	279		182	1	
4.0	PERM CEMENT STAB BASE		29.0		AE	07	1997	430		182	1	
10.0	RECYCLED PCC		24.0		AE	S4	1997	1115	30	182	1	
9.0	RECYCLED PCC	10.0		4.0	AE	S4	1997			182	1	
	JOINT SPACE 15 FOOT						1997			182	1	
	EDGE DRAIN	12.5		16.5			1997	138		182	1	
	CONCRETE PAVEMENT REPAIR		24.0				2015			16765	1	
	GRINDING		14.0				2015			16765	1	





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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		183.000	0.0140	183.000	0.7613	0.7473	10.0	24.0	4.0	17.0	3.0	48.0	38.0	1270	3200 2023	2223	20	18	2019	COMPO	AOPJC	RI	1	2004	2016	2016	F CHIP SEAL
HERRICK SOUTH																			2014	DIST 88	RIDE 3.76	PRPI	GOOD	IRI	72				
PROJECT ALSO INCLUDES REPLACEMENT OF HERRICK STRUCTURE																			2015	DIST 76	RIDE 3.68	PRPI	GOOD	IRI	75				
2007 PCN 16900 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.																			2016	DIST 82	RIDE 4.37	PRPI	GOOD	IRI	45				
																			2017	DIST 92	RIDE 4.35	PRPI	GOOD	IRI	46				
																			2018	DIST 96	RIDE 4.22	PRPI	GOOD	IRI	51				
																			2019	DIST 96	RIDE 4.17	PRPI	GOOD	IRI	54				
																			2020	DIST 96	RIDE 4.15	PRPI	GOOD	IRI	55				
																			2021	DIST 95	RIDE 4.17	PRPI	GOOD	IRI	54				
																			2022	DIST 93	RIDE 4.04	PRPI	GOOD	IRI	59				
																			2023	DIST 86	RIDE 3.81	PRPI	GOOD	IRI	69				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
183	3.81	86	0.25	69.00	GOOD	N/A	N/A	3	0	0	2	0	2	6
AVG	3.81	86	0.25	69.00	GOOD	N/A	N/A	3	0	0	2	0	2	6

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	SAND BASE GRADE		48.0				1961	95				
10.0	NON-REINF PCC C-C 75 FEET		27.0				1961	62	20			
	JOINT SPACE 20 FOOT		24.0				1961					
8.7	AGGREGATE BASE	11.2		7.1			1961					
3.0	HOT BIT PAVEMENT	10.0		6.0	150-200		1961					
4.0	HOT BIT PAVEMENT		38.0		85-100		1988	113	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1994	14				
	CONTRACT SAND SEAL	10.0		10.0	HFMS-2		1994					
3.0	HBP-SUPERPAVE-FAA 45 SLURRY SEAL	10.0	24.0	4.0	PG 58-28	SP	2004	340	20	14870		1
			24.0			SS	2007	21		16900		1
-2.0	MILLING		24.0				2016			20796		1
2.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL		24.0		PG 64-28	SP	2016	121	10	20796		1
			24.0		CRS2P	11	2019	31		21979		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		183.000	0.7613	184.000	0.3910	0.6303	10.0	24.0	4.0	9.5	27.0	80.0	38.0	1276	3026 2023	2202	20	18	2019	FLEX	ASPHT	RI	1	2004	2016	2016	F CHIP SEAL
HERRICK NORTH																		2014	DIST 88	RIDE 3.56	PRPI	GOOD	IRI	81					
PROJECT ALSO INCLUDES REPLACEMENT OF HERRICK STRUCTURE																		2015	DIST 82	RIDE 3.46	PRPI	GOOD	IRI	85					
2007 PCN 16900 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.																		2016	DIST 88	RIDE 4.19	PRPI	GOOD	IRI	53					
																		2017	DIST 92	RIDE 4.18	PRPI	GOOD	IRI	53					
																		2018	DIST 98	RIDE 4.15	PRPI	GOOD	IRI	55					
																		2019	DIST 98	RIDE 4.01	PRPI	GOOD	IRI	61					
																		2020	DIST 98	RIDE 4.00	PRPI	GOOD	IRI	61					
																		2021	DIST 98	RIDE 3.99	PRPI	GOOD	IRI	62					
																		2022	DIST 97	RIDE 3.91	PRPI	GOOD	IRI	65					
																		2023	DIST 92	RIDE 3.83	PRPI	GOOD	IRI	68					

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE	
184	3.83	92	0.21	68.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	COMPO

8 OCCURS	DPH	WIDTH (IN)	COMPONENTS	LSHL (FT)	RDWY (FT)	RSHL (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
			GRADE		80.0				2004			14870	1	
	15.0		AGGREGATE BASE		63.0			03	2004			14870	1	
	12.0		AGGREGATE BASE		49.0			05	2004			14870	1	
	9.5		HBP-SUPERPAVE-FAA 45	10.0	24.0	4.0	PG 58-28	SP	2004	300	20	14870	1	
			SLURRY SEAL		24.0			SS	2007	18		16900	1	
	-2.0		MILLING		24.0				2016			20796	1	
	2.0		HBP-SUPERPAVE-FAA 45		24.0		PG 64-28	SP	2016	102	10	20796	1	
			FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2019	26		21979	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		184.000	0.3910	187.000	0.3470	2.9318	10.0	24.0	4.0	17.0	3.0	48.0	38.0	1200	2790 2023	2202	20	18	2019	COMPO	AOPJC	RI	1	2004	2016	2016	F CHIP SEAL
N OF HERRICK N TO N OF JCT 66																		2014	DIST	89	RIDE	3.94	PRPI	GOOD	IRI	63			
																		2015	DIST	86	RIDE	3.79	PRPI	GOOD	IRI	70			
																		2016	DIST	87	RIDE	4.30	PRPI	GOOD	IRI	47			
																		2017	DIST	89	RIDE	4.24	PRPI	GOOD	IRI	50			
																		2018	DIST	95	RIDE	4.14	PRPI	GOOD	IRI	54			
																		2019	DIST	95	RIDE	4.07	PRPI	GOOD	IRI	58			
																		2020	DIST	95	RIDE	3.97	PRPI	GOOD	IRI	62			
																		2021	DIST	94	RIDE	3.97	PRPI	GOOD	IRI	62			
																		2022	DIST	93	RIDE	3.77	PRPI	GOOD	IRI	71			
																		2023	DIST	86	RIDE	3.73	PRPI	GOOD	IRI	73			

MINOR LONGITUDINAL CRACKING AND JOINT SPALLING ON CONCRETE. ASPHALT SHOULDERS HAVE SETTLED. ALONG THE CONCRETE. SHOULDER RECYCLING-BOTH LANES. SEALED IN 1994. PCN 14870 STATION 9861+00 TO 9739+00 GRADE LOWERING AT STRUCTURE  
2007 PCN 16900 - SHOULDERS HAVE SEAL COAT APPLIED NO SLURRY SEAL.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
185	4.02	88	0.20	60.00	GOOD	N/A	N/A	0	0	0	3	0	2	6
186	3.85	90	0.19	68.00	GOOD	N/A	N/A	0	0	1	0	0	2	6
187	3.31	81	0.22	92.00	GOOD	N/A	N/A	3	0	4	3	0	2	6
AVG	3.73	86	0.20	73.33	GOOD	N/A	N/A	1	0	1	2	0	2	6

16 OCCURS	DEPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1958	111				
	3.0	SAND BASE		27.0				1959					
	10.0	NON-REINF PCC		24.0				1959	193	20			
		C-C 75 FEET						1959					
		JOINT SPACE 20 FOOT						1959					
	8.7	AGGREGATE BASE	11.2		7.1			1960					
	3.0	HOT BIT PAVEMENT	10.0		6.0	150-200		1960					
		RECLAMITE				RC-3		1960	50				
	4.0	HOT BIT PAVEMENT		38.0		85-100		1988	445	20			
		CONTRACT CHIP SEAL		24.0		HFMS-2		1994	56				
		CONTRACT SAND SEAL	10.0		6.0	HFMS-2		1994					
	3.0	HBP-SUPERPAVE-FAA 45	10.0	24.0	4.0	PG 58-28	SP	2004	1358	20	14870	1	
		SLURRY SEAL		24.0			SS	2007	84		16900	1	
	-2.0	MILLING		24.0				2016			20796	1	
	2.0	HBP-SUPERPAVE-FAA 45		24.0		PG 64-28	SP	2016	475	10	20796	1	
		FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2019	122		21979	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	29	S		187.000	0.3470	190.000	0.5180	3.1923	10.0	24.0	3.0	13.0	8.0	48.0	37.0	770	2255 2023	1271	11	11	2015	COMPO	AOPJC	RI	1	2013	2013	2013	2.0" C_PATCH				
N OF JCT 66 TO PITTSBURG INTERCHANGE																		2014	DIST 97	RIDE 4.34	PRPI	GOOD	IRI 45										
A FEW LONGITUDINAL CRACKS. THIS SECTION IS PERFORMING WELL. 3 MILES OF DOWEL BAR RETROFIT.																		2015	DIST 91	RIDE 4.10	PRPI	GOOD	IRI 56										
																		2016	DIST 92	RIDE 3.89	PRPI	GOOD	IRI 65										
																		2017	DIST 91	RIDE 3.88	PRPI	GOOD	IRI 66										
																		2018	DIST 93	RIDE 3.59	PRPI	GOOD	IRI 79										
																		2019	DIST 93	RIDE 3.76	PRPI	GOOD	IRI 71										
																		2020	DIST 93	RIDE 3.30	PRPI	FAIR	IRI 92										
																		2021	DIST 92	RIDE 3.40	PRPI	FAIR	IRI 89										
																		2022	DIST 91	RIDE 3.05	PRPI	FAIR	IRI 104										
																		2023	DIST 84	RIDE 3.01	PRPI	FAIR	IRI 107										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT	
188	2.91	81	0.20	112.00	FAIR	N/A	N/A	6	0	1	3	0	2	6
189	3.05	90	0.19	105.00	FAIR	N/A	N/A	3	0	1	3	0	2	0
190	3.06	81	0.21	104.00	FAIR	N/A	N/A	6	0	1	3	0	2	6
AVG	3.01	84	0.20	107.00	FAIR	N/A	N/A	5	0	1	3	0	2	4

16 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1976	397				
	6.0	LIME TREATED SUBGRADE		48.0				1977					
	2.0	PLANT MIX BIT BASE		41.0		85-100		1977					
	9.0	NON-REINF PCC		24.0				1977		20			
		JOINT SPACE 16 FOOT						1977					
		C-C VARIABLE WIDTH						1977					
	9.0	NON-REINF PCC	10.0		3.0			1977	900				
		GRINDING						1995	85				
		GRINDING		15.0	3.0			2000	217		12002		1
		CPR/DOWEL BAR RETROFIT		12.0			S3	2011	716	20	17129		1
		GRINDING		24.0				2011			17129		1
	2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	SP	2013			20029		1
	2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 64-28	SP	2013	980	20	20029		1
	4.0	HBP-SUPERPAVE-FAA 40	10.0			PG 58-28	SP	2013			20029		1
		MICROSURFACING		24.0			MC	2015			20912		1
		INT CONT PATCH-2.0"		24.0		PG 58S28	SP	2021	70		23049		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		190.000	0.5180	197.000	0.3500	6.8322	10.0	24.0	3.0	13.0	8.0	48.0	37.0	764	1824 2023	1262	11	11	2015	COMPO	AOPJC	RI	1	2013	2013	2013	2.0" C_PATCH
PITTSBURG INTER TO BOWESMONT INTER.																	2014	DIST 98	RIDE 4.37	PRPI	GOOD	IRI	44						
A FEW LONGITUDINAL CRACKS. THIS SECTION IS PERFORMING WELL. 3 MILES OF DOWEL BAR RETROFIT.																	2015	DIST 97	RIDE 4.28	PRPI	GOOD	IRI	48						
																	2016	DIST 96	RIDE 4.17	PRPI	GOOD	IRI	53						
																	2017	DIST 92	RIDE 4.09	PRPI	GOOD	IRI	57						
																	2018	DIST 94	RIDE 3.91	PRPI	GOOD	IRI	65						
																	2019	DIST 94	RIDE 3.98	PRPI	GOOD	IRI	61						
																	2020	DIST 93	RIDE 3.60	PRPI	GOOD	IRI	78						
																	2021	DIST 90	RIDE 3.67	PRPI	GOOD	IRI	76						
																	2022	DIST 91	RIDE 3.32	PRPI	FAIR	IRI	92						
																	2023	DIST 84	RIDE 3.03	PRPI	FAIR	IRI	106						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) AVG FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
191	2.84	85	0.19	115.00	POOR	N/A	N/A	6	0	2	4	0	0	2	0
192	2.25	85	0.20	145.00	POOR	N/A	N/A	6	0	1	5	0	0	2	0
193	3.18	81	0.22	98.00	FAIR	N/A	N/A	6	0	1	3	0	0	2	6
194	3.20	83	0.22	98.00	GOOD	N/A	N/A	6	0	1	3	0	0	0	6
195	3.21	87	0.20	97.00	FAIR	N/A	N/A	6	0	1	3	0	0	2	0
196	3.05	83	0.21	105.00	GOOD	N/A	N/A	6	0	1	3	0	0	0	6
197	3.50	83	0.21	84.00	GOOD	N/A	N/A	6	0	1	3	0	0	0	6
AVG	3.03	84	0.21	106.00	FAIR	N/A	N/A	6	0	1	3	0	0	1	3

17 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1976	849				
	6.0	LIME TREATED SUBGRADE		48.0				1977					
	2.0	PLANT MIX BIT BASE		41.0		85-100		1977					
	9.0	NON-REINF PCC		24.0				1977		20			
		JOINT SPACE 16 FOOT						1977					
		C-C VARIABLE WIDTH						1977					
	9.0	NON-REINF PCC	10.0		3.0			1977	1927				
		GRINDING						1995	183				
		CPR/DOWEL BAR RETROFIT		12.0			S3	2000		20	12002		1
		GRINDING		15.0	3.0			2000	465		12002		1
		CONCRETE PAVEMENT REPAIR		24.0				2011	1532	20	17129		1
		GRINDING		24.0				2011			17129		1
	2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	SP	2013			20029		1
	2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 64-28	SP	2013	2097	20	20029		1
	4.0	HBP-SUPERPAVE-FAA 40	10.0			PG 58-28	SP	2013			20029		1
		MICROSURFACING		24.0			MC	2015			20912		1
		INT CONT PATCH-2.0"		24.0		PG 58S28	SP	2021	150		23049		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		197.000	0.3500	203.410	0.1438	6.2103	10.0	24.0	3.0	13.0	8.0	48.0	37.0	762	1647 2023	1254	11	11	2015	COMPO	AOPJC	RI	1	2013	2013	2013	2.0" C_PATCH
S N. BOWSMONT SEP N TO MP 203 SB																		2014	DIST	97	RIDE	4.30	PRPI	GOOD	IRI	47			
1996 CRACK & SEAT-HBP MP 203.560 TO 205.757. CPR/GRINDING-DRIVING LANE.																		2015	DIST	95	RIDE	4.22	PRPI	GOOD	IRI	51			
																		2016	DIST	94	RIDE	4.18	PRPI	GOOD	IRI	52			
																		2017	DIST	90	RIDE	4.13	PRPI	GOOD	IRI	55			
																		2018	DIST	94	RIDE	3.84	PRPI	GOOD	IRI	68			
																		2019	DIST	93	RIDE	4.05	PRPI	GOOD	IRI	59			
																		2020	DIST	91	RIDE	3.73	PRPI	GOOD	IRI	73			
																		2021	DIST	91	RIDE	3.74	PRPI	GOOD	IRI	72			
																		2022	DIST	89	RIDE	3.43	PRPI	GOOD	IRI	86			
																		2023	DIST	81	RIDE	3.25	PRPI	GOOD	IRI	95			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT	
198	3.30	84	0.20	93.00	GOOD	N/A	N/A	3	0	1	3	0	2	6
199	3.69	83	0.21	75.00	GOOD	N/A	N/A	6	0	1	3	0	0	6
200	3.23	79	0.22	96.00	FAIR	N/A	N/A	6	0	2	4	0	2	6
201	3.49	80	0.20	84.00	GOOD	N/A	N/A	6	0	2	3	0	2	6
202	3.26	81	0.20	95.00	FAIR	N/A	N/A	6	0	1	3	0	2	6
203	2.55	79	0.20	130.00	POOR	N/A	N/A	6	0	3	3	0	2	6
AVG	3.25	81	0.21	95.50	GOOD	N/A	N/A	6	0	2	3	0	2	6

20 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1976	747				
6.0	LIME TREATED SUBGRADE		48.0				1977					
2.0	PLANT MIX BIT BASE		41.0		85-100		1977					
9.0	NON-REINF PCC		24.0				1977		20			
	JOINT SPACE 16 FOOT						1977					
	C-C VARIABLE WIDTH						1977					
9.0	NON-REINF PCC	10.0		3.0			1977	1695				
	GRINDING						1995	161				
	EDGE DRAIN						1996					
	GRINDING						1996					
	CONCRETE PAVEMENT REPAIR						1996					
	CPR/DOWEL BAR RETROFIT		12.0			S3	2000		20	12002		1
	GRINDING		15.0	3.0			2000	610		12002		1
	CONCRETE PAVEMENT REPAIR		24.0				2011	1392	20	17129		1
	GRINDING		24.0				2011			17129		1
2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	SP	2013			20029		1
2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 64-28	SP	2013	1907	20	20029		1
4.0	HBP-SUPERPAVE-FAA 40	10.0			PG 58-28	SP	2013		20	20029		1
	MICROSURFACING		24.0			MC	2015			20912		1
	INT CONT PATCH-2.0"		24.0		PG 58S28	SP	2021	137		23049		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
6	29	S		203.410	0.1438	205.000	0.7570	2.2022	10.0	24.0	3.0	14.5	17.0	54.0	37.0	865	1305 2023	1522	11	11	2015	COMPO	AOC&S	RI	1	2013	2013	2013	2.0" C_PATCH					
ASPHALT OVERLAY SECTION SB 1-29																		2014	DIST	93	RIDE	4.48	PRPI	GOOD	IRI	39								
																		2015	DIST	93	RIDE	4.41	PRPI	GOOD	IRI	43								
																		2016	DIST	91	RIDE	4.34	PRPI	GOOD	IRI	46								
																		2017	DIST	89	RIDE	4.22	PRPI	GOOD	IRI	51								
																		2018	DIST	94	RIDE	3.71	PRPI	GOOD	IRI	74								
																		2019	DIST	88	RIDE	3.86	PRPI	GOOD	IRI	67								
																		2020	DIST	87	RIDE	3.49	PRPI	GOOD	IRI	84								
																		2021	DIST	86	RIDE	3.54	PRPI	GOOD	IRI	82								
																		2022	DIST	84	RIDE	3.24	PRPI	FAIR	IRI	96								
																		2023	DIST	81	RIDE	2.96	PRPI	FAIR	IRI	109								

1996 CRACK & SEAT-HBP MP 203.560 TO 205.757. CPR/GRINDING-DRIVING LANE.  
2011 PCN 17849 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
204	2.68	80	0.29	123.00	FAIR	N/A	N/A	9	0	1	3	0	0	6
205	3.24	81	0.23	96.00	GOOD	N/A	N/A	6	0	3	3	0	0	6
AVG	2.96	81	0.26	109.50	FAIR	N/A	N/A	8	0	2	3	0	0	6

23 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1976	265				
6.0	LIME TREATED SUBGRADE		48.0				1977					
2.0	PLANT MIX BIT BASE		41.0		85-100		1977					
9.0	NON-REINF PCC		24.0				1977		20			
	JOINT SPACE 16 FOOT C-C VARIABLE WIDTH						1977					
9.0	NON-REINF PCC GRINDING	10.0		3.0			1977	601				
	EDGE DRAIN						1995	57				
	CRACK AND SEAT GRINDING						1996					
							1996					
3.5	HOT BIT PAVEMENT		37.0		120-150	33	1996		20			
	FEDERAL AID CHIP SEAL	10.0	24.0	3.0	HFMS-2	43	2000	24		12533	1	
-3.5	MILLING		37.0				2009			16432	1	
	CRACK AND SEAT		37.0				2009					
5.5	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	SP	2009	698	20	16432	1	
5.5	HBP-SUPERPAVE-FAA 40 SLURRY SEAL	10.0			PG 58-28	SP	2009			16432	1	
			24.0			SS	2011			17849	1	
-2.0	MILLING	10.0	24.0	3.0			2013			20029	1	
2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	SP	2013	621	20	20029	1	
2.0	HBP-SUPERPAVE-FAA 40	10.0			PG 58-28	SP	2013			20029	1	
	MICROSURFACING		24.0			MC	2015			20912	1	
	INT CONT PATCH-2.0"		24.0		PG 58S28	SP	2021	48		23049	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		205.000	0.7570	213.000	0.8960	8.1345	10.0	24.0	3.0	13.0	8.0	54.0	37.0	868	1504 2023	1531	11	11	2015	COMPO	AOPJC	RI	1	2013	2013	2013	MICROSURFACI
RPT 205 TO S OF PEMBINA RIVER BRIDGE																		2014	DIST	98	RIDE	4.29	PRPI	GOOD	IRI	48			
1996 CRACK & SEAT-HBP MP 203.560 TO 205.757. CPR/GRINDING-DRIVING LANE.																		2015	DIST	95	RIDE	4.31	PRPI	GOOD	IRI	47			
																		2016	DIST	94	RIDE	4.27	PRPI	GOOD	IRI	49			
																		2017	DIST	94	RIDE	4.24	PRPI	GOOD	IRI	50			
																		2018	DIST	96	RIDE	3.92	PRPI	GOOD	IRI	64			
																		2019	DIST	96	RIDE	4.20	PRPI	GOOD	IRI	52			
																		2020	DIST	96	RIDE	3.93	PRPI	GOOD	IRI	64			
																		2021	DIST	94	RIDE	3.92	PRPI	GOOD	IRI	64			
																		2022	DIST	92	RIDE	3.57	PRPI	GOOD	IRI	80			
																		2023	DIST	85	RIDE	3.57	PRPI	GOOD	IRI	80			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT	
206	2.87	81	0.23	114.00	POOR	N/A	N/A	6	0	1	3	0	2	6
207	3.51	83	0.19	83.00	GOOD	N/A	N/A	6	0	1	3	0	0	6
208	3.30	87	0.18	93.00	GOOD	N/A	N/A	6	0	1	3	0	2	0
209	3.94	89	0.19	64.00	GOOD	N/A	N/A	6	0	1	3	0	0	0
210	4.02	88	0.18	60.00	GOOD	N/A	N/A	6	0	2	3	0	0	0
211	3.91	89	0.18	65.00	GOOD	N/A	N/A	6	0	1	3	0	0	0
212	3.54	84	0.17	82.00	GOOD	N/A	N/A	6	0	4	3	0	2	0
213	3.47	82	0.18	85.00	GOOD	N/A	N/A	6	0	2	3	0	0	6
AVG	3.57	85	0.19	80.75	GOOD	N/A	N/A	6	0	2	3	0	1	2

17 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1976	976				
	6.0	LIME TREATED SUBGRADE		48.0				1977					
	2.0	PLANT MIX BIT BASE		41.0		85-100		1977					
	9.0	NON-REINF PCC		24.0				1977		20			
		JOINT SPACE 16 FOOT						1977					
		C-C VARIABLE WIDTH						1977					
	9.0	NON-REINF PCC	10.0		3.0			1977	2214				
		GRINDING						1995	210				
		EDGE DRAIN						1996					
		GRINDING						1996					
		CONCRETE PAVEMENT REPAIR						1996					
		CONCRETE PAVEMENT REPAIR		37.0				2009	2580	20	16432	1	
		GRINDING		28.0				2009			16432	1	
	2.0	HBP-SUPERPAVE-FAA		24.0	3.0	PG 58-28	SP	2013			20029	1	
	2.0	HBP-SUPERPAVE-FAA		24.0	3.0	PG 64-28	SP	2013	275	20	20029	1	
	4.0	HBP-SUPERPAVE-FAA			10.0	PG 58-28	SP	2013			20029	1	
		MICROSURFACING		24.0			MC	2015			20912	1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	29	S		213.000	0.8960	217.517	0.0000	3.5984	10.0	24.0	3.0	14.5	17.0	54.0	37.0	883	1505 2023	1558	11	11	2015	COMPO	AOC&S	RI	1	2013	2013	2013	MICROSURFACI
S OF PEMBINA RIVER TO CANADIAN LINE																		2014	DIST	86	RIDE	4.13	PRPI	GOOD	IRI	55			
1996 CRACK & SEAT-HBP MP 203.560 TO 205.757. CPR/GRINDING-DRIVING LANE.																		2015	DIST	88	RIDE	4.08	PRPI	GOOD	IRI	57			
2011 PCN 17849 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT																		2016	DIST	85	RIDE	4.02	PRPI	GOOD	IRI	60			
																		2017	DIST	84	RIDE	3.74	PRPI	GOOD	IRI	73			
																		2018	DIST	97	RIDE	3.35	PRPI	GOOD	IRI	91			
																		2019	DIST	92	RIDE	3.65	PRPI	GOOD	IRI	77			
																		2020	DIST	93	RIDE	3.30	PRPI	GOOD	IRI	94			
																		2021	DIST	93	RIDE	3.31	PRPI	GOOD	IRI	93			
																		2022	DIST	94	RIDE	3.17	PRPI	FAIR	IRI	99			
																		2023	DIST	86	RIDE	2.92	PRPI	POOR	IRI	111			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
214	3.35	91	0.19	91.00	FAIR	N/A	N/A	3	0	1	2	0	0
215	3.15	84	0.19	100.00	GOOD	N/A	N/A	6	0	1	2	0	0
216	2.82	85	0.22	116.00	POOR	N/A	N/A	6	0	1	3	0	0
217	2.37	87	0.19	140.00	POOR	N/A	N/A	3	0	1	2	0	0
AVG	2.92	86	0.20	111.75	POOR	N/A	N/A	5	0	1	2	0	1

19 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	LIME TREATED SUBGRADE		48.0				1976	432				
2.0	PLANT MIX BIT BASE		48.0				1977					
9.0	NON-REINF PCC JOINT SPACE 16 FOOT C-C VARIABLE WIDTH		41.0		85-100		1977					
9.0	NON-REINF PCC GRINDING	10.0		3.0			1977	979				
	EDGE DRAIN						1995	93				
	CRACK AND SEAT GRINDING						1996					
	CONCRETE PAVEMENT REPAIR						1996					
5.5	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	SP	2009	1141	20	16432		1
5.5	HBP-SUPERPAVE-FAA 40	10.0			PG 58-28	SP	2009			16432		1
	SLURRY SEAL		24.0			SS	2011			17849		1
-2.0	MILLING	10.0	24.0	3.0			2013			20029		1
2.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	SP	2013	1105	20	20029		1
2.0	HBP-SUPERPAVE-FAA 40	10.0			PG 58-28	SP	2013			20029		1
	MICROSURFACING		24.0			MC	2015			20912		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	32	N		104.086	0.0000	112.875	0.0000	8.7868	6.0	24.0	6.0	7.0	5.0	40.0	36.0	207	711 2021	187	46	20	2020	FLEX	ASPHT	RCR	2	1978	2010	2017	F CHIP SEAL				
JCT 38 NORTH TO SOUTH JCT 200																		2014	DIST 92	RIDE 3.34	PRPI	GOOD	IRI 91										
																		2015	DIST 89	RIDE 3.22	PRPI	FAIR	IRI 96										
																		2016	DIST 86	RIDE 3.09	PRPI	FAIR	IRI 103										
																		2017	DIST 93	RIDE 4.28	PRPI	GOOD	IRI 48										
																		2018	DIST 94	RIDE 4.24	PRPI	GOOD	IRI 50										
																		2019	DIST 94	RIDE 4.16	PRPI	GOOD	IRI 53										
																		2020	DIST 91	RIDE 4.11	PRPI	GOOD	IRI 56										
																		2021	DIST 91	RIDE 3.69	PRPI	GOOD	IRI 75										
																		2022	DIST 91	RIDE 3.70	PRPI	GOOD	IRI 74										
																		2023	DIST 89	RIDE 3.54	PRPI	GOOD	IRI 81										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
104	3.60	89	0.14	79.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
105	3.65	89	0.12	77.00	GOOD	N/A	N/A	3	0	2	5	0	0	0
106	3.50	90	0.13	83.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
107	3.47	88	0.13	85.00	GOOD	N/A	N/A	3	0	4	4	0	0	0
108	3.38	89	0.13	89.00	GOOD	N/A	N/A	3	0	2	5	0	0	0
109	3.59	91	0.13	80.00	GOOD	N/A	N/A	3	0	2	3	0	0	0
110	3.77	90	0.11	71.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
111	3.44	89	0.14	87.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
112	3.47	87	0.14	85.00	GOOD	N/A	N/A	3	0	3	4	0	0	2
AVG	3.54	89	0.13	81.78	GOOD	N/A	N/A	3	0	3	4	0	0	0

16 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS											
GRADE		38.0					1962	130			
5.0 AGGREGATE BASE		37.0					1963				
2.0 HOT BIT PAVEMENT		24.0		120-150			1963	124			
1.5 HOT BIT PAVEMENT		24.0		85-100			1969	149	20		
3.0 HOT BIT PAVEMENT	2.5		2.5	SH-1H			1969				
1.5 HOT BIT PAVEMENT		24.0		120-150			1978	250	20		
1.5 HOT BIT PAVEMENT	2.5		2.5	SM-K			1978				
RECLAMITE							1979				
CONTRACT CHIP SEAL		24.0		MC-3000			1991	54			
2.0 HOT BIT PAVEMENT	1.0	24.0	1.0	PG 58-28	29	2010	1232	10	17132	1	
7.0 AGGREGATE BASE	6.0		6.0		04	2010			17132	1	
FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	43		18341	1	
-2.0 MILLING	1.4	24.0	1.4			2017	897		21664	1	
2.0 HBP-SUPERPAVE-FAA 43	1.0	24.0	1.0	PG 58-28	SP	2017		7	21664	1	
3.0 SALVAGED AGGR BASE	5.0		5.0			2017			21664	1	
FEDERAL AID CHIP SEAL		26.0		CRS2P	11	2020	255		22688	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
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ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
6	32	N		112.875	0.0000	117.000	0.3620	4.4758	9.0	24.0	9.0	9.5	3.5	52.0	42.0	246	1060 2021	273	35	16			FLEX	ASPHT	RSC	1	1989	2010	2021	RAP-FAA 43					
S JCT 200 N TO FINLEY																			2014	DIST 88	RIDE 3.86	PRPI	GOOD	IRI 67											
																			2015	DIST 88	RIDE 3.76	PRPI	GOOD	IRI 72											
																			2016	DIST 87	RIDE 3.65	PRPI	GOOD	IRI 76											
																			2017	DIST 87	RIDE 3.60	PRPI	GOOD	IRI 79											
																			2018	DIST 94	RIDE 3.42	PRPI	GOOD	IRI 87											
																			2019	DIST 93	RIDE 3.51	PRPI	GOOD	IRI 83											
																			2020	DIST 94	RIDE 3.36	PRPI	GOOD	IRI 91											
																			2021	DIST 99	RIDE 4.30	PRPI	GOOD	IRI 47											
																			2022	DIST 96	RIDE 4.19	PRPI	GOOD	IRI 52											
																			2023	DIST 91	RIDE 4.21	PRPI	GOOD	IRI 51											

2021-PCN 22974-RELAY MILLED MATERIAL ON SHOULDERS - 7.5' LEFT & RIGHT

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
113	4.27	91	0.12	49.00	GOOD	N/A	N/A	3	0	3	2	0	0	0
114	4.16	93	0.10	54.00	GOOD	N/A	N/A	0	0	4	2	0	0	0
115	4.47	89	0.11	40.00	GOOD	N/A	N/A	3	0	4	3	0	0	0
116	4.37	90	0.12	44.00	GOOD	N/A	N/A	3	0	4	2	0	0	0
117	3.77	90	0.12	71.00	GOOD	N/A	N/A	3	0	3	3	0	0	0
AVG	4.21	91	0.11	51.60	GOOD	N/A	N/A	2	0	4	2	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	GRADE	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.5	AGGREGATE BASE		52.0	50.0				1988	821				
4.5	HOT BIT PAVEMENT		44.0					1988					
2.5	HOT BIT PAVEMENT		27.0			120-150		1989	260	20			
2.0	AGGREGATE BASE		6.5		6.5			1989					
	CONTRACT SAND SEAL		27.0			MC-3000		1991	32				
-1.0	MILLING		26.5					2010			16822		1
3.0	HBP-SUPERPAVE-FAA 43		26.0			PG 58-28	SP	2010	1019	10	16822		1
3.0	AGGREGATE BASE		8.0		8.0			04	2010		16822		1
	FEDERAL AID CHIP SEAL		26.0			CRS-2	41	2014	192		18341		1
-1.5	MILLING		27.3					2021			22974		1
2.0	RAP-SUPERPAVE FAA 43		24.0		2.0	PG58H-34	SP	2021	732	7	22974		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
6	32	N		117.000	0.3620	117.882	0.0000	0.5308	8.5	24.0	8.5	11.0	12.0	45.0	41.0	310	2100 2021	453	17	16		FLEX	ASPHT	RSC	1	2007	2021	2021	RAP-FAA 43																			
MUNICIPAL SECTION IN FINLEY																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	RT BP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		44.0					1969	14			
4.0	HOT BIT PAVEMENT		41.0		85-100		1969					
2.0	HOT BIT PAVEMENT		41.0		85-100		1969	110	20			
-2.0	MILLING		41.0				1987					
3.5	RECYCLED HOT BIT PAVMNT CONTRACT SAND SEAL		41.0		200-300 HFMS-2		1987	51	20			
1.5	HBP-SUPERPAVE-FAA 45		25.0		PG 58-28	SP	2007			15644		1
2.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL	8.0	25.0	8.0	PG 58-28	SP	2007	88	20	15644		1
			41.0		HFMS-2	43	2010	13		17830		1
-2.0	MILLING		41.0				2021			22974		1
2.0	RAP-SUPERPAVE FAA 43	8.5	24.0	8.5	PG58H-34	SP	2021	82	7	22974		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	32	N		117.882	0.0000	130.732	0.0000	12.8449	1.2	24.0	1.2	9.5	7.0	38.0	26.5	386	729 2021	373	17	16		FLEX	ASPHT	RCR	2	2007	2021	2021	RAP-FAA 43																				
FINLEY N TO JCT 45-W SHARON																		2014	DIST 89	RIDE 3.75	PRPI	GOOD	IRI 72																										
																		2015	DIST 88	RIDE 3.21	PRPI	GOOD	IRI 97																										
																		2016	DIST 86	RIDE 3.54	PRPI	GOOD	IRI 81																										
																		2017	DIST 84	RIDE 2.84	PRPI	POOR	IRI 115																										
																		2018	DIST 90	RIDE 3.25	PRPI	GOOD	IRI 95																										
																		2019	DIST 89	RIDE 2.76	PRPI	POOR	IRI 119																										
																		2020	DIST 86	RIDE 3.11	PRPI	GOOD	IRI 102																										
																		2021	DIST 99	RIDE 4.17	PRPI	GOOD	IRI 53																										
																		2022	DIST 96	RIDE 4.09	PRPI	GOOD	IRI 57																										
																		2023	DIST 89	RIDE 4.06	PRPI	GOOD	IRI 58																										

1998 SEAL COAT BEGINS AT R.P. 118.056 R.P. 140.700.  
2003 CONTRACT PATCHING 1.5" FROM 118.000 TO 140.550 - 5.878 MILES -  
\_PCN 15451

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT									
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
118	3.73	92	0.13	73.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
119	3.87	90	0.10	67.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0
120	4.10	91	0.12	57.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0
121	4.19	89	0.12	52.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0
122	4.33	90	0.13	47.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0
123	4.17	89	0.11	54.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0
124	4.19	90	0.10	53.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0
125	4.16	92	0.09	54.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
126	4.09	89	0.10	57.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0
127	4.16	87	0.12	54.00	GOOD	N/A	N/A	6	0	4	2	0	0	0	0
128	4.04	90	0.10	59.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0
129	3.84	87	0.13	68.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	0
130	3.87	87	0.13	67.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	0
AVG	4.06	89	0.11	58.62	GOOD	N/A	N/A	4	0	3	3	0	0	0	0

14 OCCURS										LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN	
DPTH (IN)	COMPONENTS			WIDTH (FT)	WIDTH (FT)	WIDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H					
	GRADE			38.0					1960	96									
	DRIVE SLOPE FLATTENING								1987										
	RESHAPED								1987										
7.0	AGGREGATE BASE			33.0					1987										
2.0	RECYCLED BITUMINOUS BASE			31.0					1987										
3.5	RECYCLED HOT BIT PAVMNT			28.0			200-300		1987	815	6								
	CONTRACT SAND SEAL			28.0			HFMS-2		1988	85									
	INT CONT PATCH-1.5"			24.0			120-150		1993	100									
	CONTRACT CHIP SEAL			4.0	24.0	4.0	HFMS-2	42	1998	108		12040	1						
	INT CONT PATCH-1.5"			24.0			PG 58-28	27	2003			15451	1						
2.0	HBP-SUPERPAVE-FAA 45			1.2	24.0	1.2	PG 58-28	SP	2007	2134	20	15644	1						
	FEDERAL AID CHIP SEAL			26.0			HFMS-2	43	2010	323		17830	1						
-2.0	MILLING			28.0					2021			22974	1						
2.0	RAP-SUPERPAVE FAA 43			2.0	24.0	2.0	PG58H-34	SP	2021	2102	7	22974	1						

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
6	32	N		130.732	0.0000	136.000	0.0000	5.2653	6.0	24.0	6.0	8.5	7.0	44.0	36.0	188	636 2021	173	16	16		FLEX	ASPHT	RCR	2	2008	2021	2021	RAP-FAA 43																		
JCT 45-SHARON N TO ANETA																							2014	DIST	91	RIDE	4.09	PRPI	GOOD	IRI	57																
																							2015	DIST	89	RIDE	3.77	PRPI	GOOD	IRI	71																
																							2016	DIST	87	RIDE	3.80	PRPI	GOOD	IRI	70																
																							2017	DIST	87	RIDE	3.44	PRPI	GOOD	IRI	86																
																							2018	DIST	91	RIDE	3.61	PRPI	GOOD	IRI	78																
																							2019	DIST	90	RIDE	3.39	PRPI	GOOD	IRI	88																
																							2020	DIST	89	RIDE	3.38	PRPI	GOOD	IRI	89																
																							2021	DIST	99	RIDE	4.41	PRPI	GOOD	IRI	43																
																							2022	DIST	97	RIDE	4.41	PRPI	GOOD	IRI	42																
																							2023	DIST	90	RIDE	4.31	PRPI	GOOD	IRI	47																

2003 CONTRACT PATCHING 1.5" FROM 118.100 TO 140.550 - 5.878 MILES - PCN 15451

2021-PCN 22975-RELAY MILLED MATERIAL ON SHOULDERS - 5.5' LEFT & RIGHT

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	RT BP
131	4.43	92	0.12	42.00	GOOD	N/A	N/A	3	0	1	3	0	0
132	4.21	88	0.12	51.00	GOOD	N/A	N/A	6	0	1	4	0	0
133	4.27	87	0.11	49.00	GOOD	N/A	N/A	6	0	3	3	0	0
134	4.33	91	0.12	46.00	GOOD	N/A	N/A	3	0	2	3	0	0
135	4.33	91	0.13	47.00	GOOD	N/A	N/A	6	0	0	2	0	0
AVG	4.31	90	0.12	47.00	GOOD	N/A	N/A	5	0	1	3	0	0

19 OCCURS	LSHL DPTH (IN)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		30.0				1952					
WIDENING		44.0				1969	105				
DRIVE SLOPE FLATTENING						1987					
RESHAPED						1987					
4.0 AGGREGATE BASE			41.0			1987					
3.0 STABILIZED BASE			39.0			1987					
2.0 RECYCLED BITUMINOUS BASE			30.0			1987					
3.5 RECYCLED HOT BIT PAVMNT			27.0	200-300		1987	340	6			
5.5 AGGREGATE BASE		4.5		4.5		1987					
CONTRACT SAND SEAL		27.0		HFMS-2		1988	31				
CONTRACT CHIP SEAL	4.0	24.0	4.0	HFMS-2	42	1998	44		12040		1
INT CONT PATCH-1.5"		24.0		PG 58-28	27	2003			15451		1
-2.0 MILLING			27.0			2008			16350		1
3.0 RECYCLED HOT BIT PAVMNT			27.0	HFMS-2		2008			16350		1
3.0 HBP-SUPERPAVE-FAA 40			27.0	PG 58-34	SP	2008	1405	20	16350		1
1.5 SALVAGED BIT BASE		5.5		5.5		2008			16350		1
FEDERAL AID CHIP SEAL		25.0		HFMS-2	43	2010	132		17835		1
-1.0 MILLING			25.6			2021			22975		1
2.0 RAP-SUPERPAVE FAA 43			25.0	PG 58S28	SP	2021	862	7	22975		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	32	N		136.000	0.0000	136.000	0.4120	0.4120	8.5	24.0	8.5	8.0		45.0	41.0	195	765 2021	177	16	16		FLEX	ASPHT	RCR	2	2008	2021	2021	RAP-FAA 43																																																
MUNICIPAL SECTION IN ANETA																		2014	DIST 82	RIDE 3.80	PRPI	GOOD	IRI 70	2015	DIST 82	RIDE 3.61	PRPI	GOOD	IRI 78	2016	DIST 88	RIDE 3.34	PRPI	GOOD	IRI 91	2017	DIST 80	RIDE 3.04	PRPI	GOOD	IRI 106	2018	DIST 89	RIDE 3.12	PRPI	GOOD	IRI 102	2019	DIST 85	RIDE 2.55	PRPI	POOR	IRI 130	2020	DIST 91	RIDE 2.75	PRPI	POOR	IRI 119	2021	DIST 99	RIDE 4.04	PRPI	GOOD	IRI 59	2022	DIST 94	RIDE 3.97	PRPI	GOOD	IRI 62	2023	DIST 90	RIDE 3.94	PRPI	GOOD	IRI 64

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
136	3.94	90	0.13	64.00	GOOD	N/A	N/A	3	0	3	3	0	0	0
AVG	3.94	90	0.13	64.00	GOOD	N/A	N/A	3	0	3	3	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		44.0				1969	12				
4.0	HOT BIT PAVEMENT		41.0		85-100		1969					
2.0	HOT BIT PAVEMENT		41.0		85-100		1969	38	20			
-2.0	MILLING		41.0				1987					
3.5	RECYCLED HOT BIT PAVMNT		41.0		200-300		1987	33	20			
	CONTRACT SAND SEAL		41.0		HFMS-2		1988	2				
	CONTRACT CHIP SEAL		41.0		HFMS-2	42	1998	4		12040	2	
-2.0	MILLING		41.0				2008			16350	1	
3.0	HBP-SUPERPAVE-FAA 40		41.0		PG 58-34	SP	2008	110	20	16350	1	
	FEDERAL AID CHIP SEAL		41.0		HFMS-2	43	2010	10		17835	1	
-2.0	MILLING		41.0				2021			22975	1	
2.0	RAP-SUPERPAVE FAA 43		41.0		PG 58S28	SP	2021		7	22975	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	32	N		136.000	0.4120	139.000	0.7120	3.3010	6.0	24.0	6.0	9.5	7.0	44.0	36.0	181	465 2021	164	16	16		FLEX	ASPHT	RCR	2	2008	2021	2021	RAP-FAA 43
ANETA N 3 MI TO 1 MI S OF JCT 15																													
PLASTIC PVMT MK FILF MESSAGE PLACED FOR RAILWAY CROSSING R.P. 136.434. 2003 CONTRACT PATCHING 1.5" FROM 118.100 TO 140.550 = 5.878 MILES - PCN 15451																													
2014 DIST 91 RIDE 4.12 PRPI GOOD IRI 55																													
2015 DIST 89 RIDE 3.97 PRPI GOOD IRI 62																													
2016 DIST 83 RIDE 3.91 PRPI GOOD IRI 65																													
2017 DIST 82 RIDE 3.86 PRPI GOOD IRI 67																													
2018 DIST 92 RIDE 3.88 PRPI GOOD IRI 66																													
2019 DIST 87 RIDE 3.86 PRPI GOOD IRI 67																													
2020 DIST 90 RIDE 3.91 PRPI GOOD IRI 64																													
2021 DIST 99 RIDE 4.47 PRPI GOOD IRI 40																													
2022 DIST 96 RIDE 4.45 PRPI GOOD IRI 41																													
2023 DIST 91 RIDE 4.44 PRPI GOOD IRI 41																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
137	4.41	93	0.12	43.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
138	4.42	91	0.10	43.00	GOOD	N/A	N/A	3	0	3	2	0	0	0
139	4.50	89	0.10	39.00	GOOD	N/A	N/A	3	0	4	3	0	0	0
AVG	4.44	91	0.11	41.67	GOOD	N/A	N/A	3	0	2	3	0	0	0

22 OCCURS	DEPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		30.0				1951					
	5.0	AGGREGATE BASE		26.0				1951					
	2.0	BITUMINOUS BASE		22.0		SC-4		1951					
		WIDENING		44.0				1969	67				
	2.0	HOT BIT PAVEMENT		24.0		85-100		1969	125	20			
		DRIVE SLOPE FLATTENING						1987					
		RESHAPED						1987					
	-4.0	MILLING		28.0				1987					
	2.0	STABILIZED BASE		39.0				1987					
	2.0	RECYCLED BITUMINOUS BASE		30.0				1987					
	3.5	RECYCLED HOT BIT PAVMNT		27.0		200-300		1987	268	10			
	5.5	AGGREGATE BASE	4.5		4.5			1987					
		CONTRACT SAND SEAL		27.0		HFMS-2		1988	19				
		CONTRACT CHIP SEAL	4.0	24.0	4.0	HFMS-2	42	1998	28		12040	1	
		INT CONT PATCH-1.5"		24.0		PG 58-28	27	2003			15451	1	
	-2.0	MILLING		27.0				2008			16350	1	
	4.0	RECYCLED HOT BIT PAVMNT		27.0		HFMS-2		2008			16350	1	
	3.0	HBP-SUPERPAVE-FAA 40		27.0		PG 58-34	SP	2008	881	20	16350	1	
	1.0	SALVAGED BIT BASE	4.5		4.5			2008			16350	1	
		FEDERAL AID CHIP SEAL		25.0		HFMS-2	43	2010	83		17835	1	
	-1.0	MILLING		25.6				2021			22975	1	
	2.0	RAP-SUPERPAVE FAA 43		25.0		PG 58S28	SP	2021	540	7	22975	1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	32	N		139.000	0.7120	140.714	0.0000	1.0000	1.2	24.0	1.2	9.0	9.0	38.0	26.4	180	435 2021	164	16	16		FLEX	ASPHT	RCR	2	2008	2017	2021	RAP-FAA 43
3 MI N OF ANETA N TO JCT 15																													
1997: PLACED RIPRAP BLANKETS. THIS WAS NOT LOOSE ROCK RIP RAP. THIS WAS A SHOULDER REHABILITATION PROJECT.																													
1999 INSTALLED 708 5810 EROSION CONTROL BLANKET AND 708 1020 RIPRAP FROM R.P. 140.144 TO R.P. 140.542.																													
2003 CONTRACT PATCHING 1.5" FROM 118.100 TO 140.550 = 5.878 MILES - PCN 15451																													
2014 DIST 74 RIDE 3.46 PRPI GOOD IRI 85 2015 DIST 86 RIDE 3.38 PRPI GOOD IRI 89 2016 DIST 77 RIDE 3.43 PRPI GOOD IRI 87 2017 DIST 93 RIDE 4.27 PRPI GOOD IRI 49 2018 DIST 95 RIDE 4.21 PRPI GOOD IRI 52 2019 DIST 94 RIDE 4.24 PRPI GOOD IRI 50 2020 DIST 94 RIDE 3.99 PRPI GOOD IRI 62 2021 DIST 94 RIDE 4.27 PRPI GOOD IRI 49 2022 DIST 94 RIDE 4.30 PRPI GOOD IRI 47 2023 DIST 90 RIDE 4.08 PRPI GOOD IRI 57																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RUT TC	RT
140	4.08	90	0.10	57.00	GOOD	N/A	N/A	3	0	3	3	0
AVG	4.08	90	0.10	57.00	GOOD	N/A	N/A	3	0	3	3	0

24 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1960	11				
4.0	AGGREGATE BASE		35.0				1964					
2.0	HOT BIT PAVEMENT		24.0		120-150		1964	15				
2.0	HOT BIT PAVEMENT		24.0		85-100		1969	13	20			
3.0	BITUMINOUS BASE	5.0		5.0	SS-1		1969					
	DRIVE SLOPE FLATTENING						1987					
	RESHAPED						1987					
-4.0	MILLING		28.0				1987					
3.0	AGGREGATE BASE		33.0				1987					
2.0	RECYCLED BITUMINOUS BASE		31.0				1987					
3.5	RECYCLED HOT BIT PAVMNT		28.0		200-300		1987	80	6			
	CONTRACT SAND SEAL		28.0		HFMS-2		1988	6				
	RIPRAP						1997	58		1380		1
	CONTRACT CHIP SEAL	4.0	24.0	4.0	HFMS-2	42	1998	8		12040		1
	RIPRAP						1999	129		13353		1
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2003			15451		1
-2.0	MILLING		28.0				2008			16350		1
4.0	RECYCLED HOT BIT PAVMNT		28.0		HFMS-2		2008			16350		1
3.0	HBP-SUPERPAVE-FAA 40		28.0		PG 58-34	SP	2008	267	20	16350		1
	FEDERAL AID CHIP SEAL		28.0		HFMS-2	43	2010	25		17835		1
-1.0	MILLING	1.9	24.0	1.9			2017	102		21665		1
2.0	HBP-SUPERPAVE-FAA 43	1.2	24.0	1.2	PG 58-28	SP	2017		7	21665		1
-1.0	MILLING		28.0				2021			22975		1
2.0	RAP-SUPERPAVE FAA 43		26.4		PG 58S28	SP	2021	164	7	22975		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	32	N	140.714	0.0000	158.736	0.0000	18.0179		2.8	24.0	2.8	4.5	11.0	38.0	29.6	87	245	59	59	20	2020	FLEX	ASPHT	RCL	3	1965	2010	2017	F CHIP SEAL
JCT 15 N TO JCT 2-PETERSBURG																		2014	DIST	91	RIDE	3.54	PRPI	GOOD	IRI	81			
																		2015	DIST	82	RIDE	3.21	PRPI	GOOD	IRI	97			
																		2016	DIST	81	RIDE	3.23	PRPI	GOOD	IRI	96			
																		2017	DIST	93	RIDE	4.25	PRPI	GOOD	IRI	50			
																		2018	DIST	96	RIDE	4.20	PRPI	GOOD	IRI	52			
																		2019	DIST	94	RIDE	4.24	PRPI	GOOD	IRI	50			
																		2020	DIST	94	RIDE	4.08	PRPI	GOOD	IRI	57			
																		2021	DIST	93	RIDE	3.83	PRPI	GOOD	IRI	68			
																		2022	DIST	92	RIDE	3.99	PRPI	GOOD	IRI	61			
																		2023	DIST	89	RIDE	3.76	PRPI	GOOD	IRI	71			

PCN 14685 - INTERMITTENT PATCHING RP 142.249 TO 150.282 - 4.149 MILES  
2014 PCN 18947 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2023 PCN 23585 - RP'S 157.568 - 157.726 REMOVE,SALVAGE,SURFACE & BASE  
2023 PCN 23585 - RP'S 158.486 - 158.675 REMOVE,SALVAGE,SURFACE & BASE

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT
141	3.50	89	0.14	83.00	GOOD	N/A	N/A	3	0	2	5	0	0	0
142	3.92	87	0.10	65.00	GOOD	N/A	N/A	3	0	3	6	0	0	0
143	3.90	88	0.10	65.00	GOOD	N/A	N/A	3	0	2	6	0	0	0
144	3.63	90	0.14	77.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
145	3.77	90	0.13	71.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
146	3.99	89	0.11	62.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
147	4.01	89	0.11	61.00	GOOD	N/A	N/A	3	0	2	5	0	0	0
148	4.01	89	0.10	60.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
149	4.01	90	0.10	60.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
150	4.09	89	0.10	57.00	GOOD	N/A	N/A	3	0	2	5	0	0	0
151	3.68	90	0.10	75.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
152	3.78	90	0.12	71.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
153	3.92	90	0.11	65.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
154	3.89	90	0.14	66.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
155	3.70	91	0.17	75.00	GOOD	N/A	N/A	3	0	1	4	0	0	0
156	3.68	91	0.15	75.00	GOOD	N/A	N/A	3	0	1	4	0	0	0
157	3.31	86	0.19	93.00	GOOD	N/A	N/A	3	0	1	3	0	0	6
158	2.88	92	0.14	113.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	3.76	89	0.13	71.89	GOOD	N/A	N/A	3	0	2	5	0	0	0

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0					1965	341			
5.0	AGGREGATE BASE		36.0					1966				
2.0	BITUMINOUS BASE		24.0		120-150			1966	363			
4.0	BITUMINOUS BASE		33.0		SM-K			1969	506			
	DISTRICT CHIP SEAL				MC-3000			1987	86			
1.5	HOT BIT PAVEMENT		24.0		120-150	27	1997	195	5			
	CONTRACT CHIP SEAL		24.0		HFMS-2	42	1997	181		1463	1	
	INT CONT PATCH-1.5"		30.0		PG 58-28	27	2001	155		14685	1	
2.0	HOT BIT PAVEMENT	4.5	24.0	4.5	PG 58-28	27	2010	2238	7	17133	1	
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	476		18947	1	
-1.0	MILLING		2.5	24.0	2.5		2017	1868		21665	1	
2.0	HBP-SUPERPAVE-FAA 43	2.8	24.0	2.8	PG 58-28	SP	2017		7	21665	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2020	480		22689	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																						
6	32	N		164.197	0.0000	178.000	0.8720	14.6938	3.6	24.0	3.6	5.0	7.0	38.0	31.2	330	601 2021	368	16	16	2022	FLEX	ASPHT	RCR	2	2008	2019	2019	F CHIP SEAL																																						
NIAGARA N TO FORDVILLE ROAD TRANSVERSE CRACKS SPACED 1 TO 15 FEET-SOME SPALLING AND ALLIGATOR CRACKING. NORTH 4 MILES CONTRACT PATCHED (1.5") IN 1994. ND 32 -164.440 TO 191.463 2.575 MILES PATCHING IN 2001 - PCN 14503 ND 32 - 168.000 TO 186.712 8.10 MI PATCHING IN 2003 - PCN 15469 2004 - PCN 15740 - 164.200 - 177.450 - 5.685 MILES TOTAL																		2014	DIST 85	RIDE 3.73	PRPI GOOD	IRI 73	2015	DIST 83	RIDE 2.88	PRPI FAIR	IRI 113	2016	DIST 83	RIDE 3.60	PRPI GOOD	IRI 78	2017	DIST 83	RIDE 2.58	PRPI POOR	IRI 128	2018	DIST 90	RIDE 3.30	PRPI GOOD	IRI 93	2019	DIST 99	RIDE 4.35	PRPI GOOD	IRI 45	2020	DIST 96	RIDE 4.38	PRPI GOOD	IRI 44	2021	DIST 94	RIDE 3.79	PRPI GOOD	IRI 70	2022	DIST 91	RIDE 4.22	PRPI GOOD	IRI 51	2023	DIST 91	RIDE 3.76	PRPI GOOD	IRI 71

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RUT BC	IRI RW	IRI BP	IRI RT
164	3.15	93	0.14	100.00	POOR	N/A	N/A	3	0	1	2	0	0	0
165	3.93	91	0.13	64.00	GOOD	N/A	N/A	3	0	2	3	0	0	0
166	3.53	93	0.14	83.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
167	3.69	96	0.12	75.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
168	3.87	91	0.12	67.00	GOOD	N/A	N/A	3	0	2	3	0	0	0
169	3.83	89	0.12	69.00	GOOD	N/A	N/A	3	0	4	3	0	0	0
170	3.57	93	0.12	80.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
171	3.90	90	0.11	65.00	GOOD	N/A	N/A	3	0	3	3	0	0	0
172	3.88	88	0.12	66.00	GOOD	N/A	N/A	3	0	3	3	0	0	2
173	3.94	91	0.12	63.00	GOOD	N/A	N/A	3	0	2	3	0	0	0
174	3.73	90	0.14	73.00	GOOD	N/A	N/A	3	0	1	3	0	0	2
175	3.83	90	0.13	69.00	GOOD	N/A	N/A	3	0	3	3	0	0	0
176	3.72	91	0.13	73.00	GOOD	N/A	N/A	3	0	2	3	0	0	0
177	4.08	92	0.13	58.00	GOOD	N/A	N/A	3	0	2	2	0	0	0
178	3.82	89	0.13	69.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
AVG	3.76	91	0.13	71.60	GOOD	N/A	N/A	3	0	2	3	0	0	0

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1963	282				
3.5	AGGREGATE BASE		37.0				1963					
3.5	EMULSIFIED BASE		34.0				1963	233				
1.5	HOT BIT PAVEMENT		24.0				1978	419	20			
	RECLAMITE						1978	12				
	CONTRACT CHIP SEAL		24.0		MC-3000		1990	122				
	INT CONT PATCH-1.5"		30.0		PG 58-28	27	2001	56		14503		1
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2003			15469		1
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2004	315		15740		1
	INT CONT PATCH-1.5"		24.0		PG 58-28	27	2008	1917	20	12519		1
2.5	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2008	1917	20	12519		1
2.5	AGGREGATE BASE	3.0		3.0		04	2008			12519		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2011	393		17836		1
-1.0	MILLING		24.8				2019			21885		1
2.0	HBP-SUPERPAVE-FAA 43	3.6	24.0	3.6	PG 58S28	SP	2019	1777	7	21885		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2022	553		23444		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	32	N		178.000	0.8720	191.471	0.0000	12.5762	3.6	24.0	3.6	5.0	7.0	38.0	31.2	443	1150 2021	340	16	16	2022	FLEX	ASPHT	RCR	2	2008	2019	2019	F CHIP SEAL				
FORDVILLE NORTH TO JCT 17																		2014	DIST	90	RIDE	3.87	PRPI	GOOD	IRI	67							
																		2015	DIST	88	RIDE	3.26	PRPI	GOOD	IRI	95							
																		2016	DIST	88	RIDE	3.81	PRPI	GOOD	IRI	69							
																		2017	DIST	89	RIDE	3.33	PRPI	GOOD	IRI	92							
																		2018	DIST	95	RIDE	3.47	PRPI	GOOD	IRI	85							
																		2019	DIST	99	RIDE	4.52	PRPI	GOOD	IRI	38							
																		2020	DIST	97	RIDE	4.42	PRPI	GOOD	IRI	42							
																		2021	DIST	95	RIDE	4.23	PRPI	GOOD	IRI	50							
																		2022	DIST	94	RIDE	4.22	PRPI	GOOD	IRI	51							
																		2023	DIST	94	RIDE	4.03	PRPI	GOOD	IRI	59							

TRANSVERSE CRACKS SPACED 1 TO 25 FEET. SOME DEPRESSED. RUTTING.  
ALLIGATOR SPOTS.  
ND 32 - 164.440 TO 191.463 2.575 MILES PATCHING - 2001 - PCN 14503  
ND 32 - 168.000 TO 186.712 8.10 MI PATHCING - 2003 - PCN 15469

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																								
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																					
179	3.90	97	0.14	65.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	3.84	93	0.11	68.00	GOOD	N/A	N/A	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	4.00	92	0.11	61.00	GOOD	N/A	N/A	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	4.25	92	0.11	50.00	GOOD	N/A	N/A	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183	4.19	92	0.12	53.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184	4.08	92	0.10	57.00	GOOD	N/A	N/A	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	4.01	93	0.10	61.00	GOOD	N/A	N/A	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	4.04	94	0.11	59.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	4.06	97	0.12	58.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188	4.09	97	0.11	57.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	4.20	97	0.12	52.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190	3.97	97	0.11	63.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191	3.71	93	0.13	74.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	4.03	94	0.11	59.85	GOOD	N/A	N/A	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

14 OCCURS		LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)	COMPONENTS	(FT)	(FT)	(FT)								
	GRADE	38.0					1963	219				
	3.5 AGGREGATE BASE	37.0					1963					
	3.5 EMULSIFIED BASE	34.0			SS-1		1963	201				
	1.5 HOT BIT PAVEMENT	24.0			200-300		1972	208	20			
	CONTRACT CHIP SEAL	24.0			MC-3000		1990	97				
	DRIVE SLOPE FLATTENING						1995	50				
	INT CONT PATCH-1.5"	30.0			PG 58-28	27	2001	57		14503	1	
	INT CONT PATCH-1.5"	24.0			PG 58-28	27	2003			15469	1	
	2.5 HBP-SUPERPAVE-FAA 42	24.0			PG 58-28	SP	2008	2052	20	17096	1	
	2.5 AGGREGATE BASE	3.0		3.0		04	2008			17096	1	
	FEDERAL AID CHIP SEAL	24.0			CRS2P	41	2011	337		17836	1	
	-1.0 MILLING	24.8					2019			21885	1	
	2.0 HBP-SUPERPAVE-FAA 43	3.6	24.0	3.6	PG 58S28	SP	2019	1521	7	21885	1	
	FEDERAL AID CHIP SEAL	24.0			CRS2P	11	2022	473		23444	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	32	N		191.471	0.0000	191.471	0.4910	0.4910	4.0	24.0	4.0	12.0	7.0	54.0	32.0	140	776 2021	154	32	18	2019	FLEX	ASPHT	RCR	2	1992	2009	2016	F CHIP SEAL																																																																														
JCT 17 N 0.5 MILES																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

13 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	5.0	AGGREGATE BASE		29.0				1956					
	2.0	STABILIZED BASE		28.0				1956					
	2.5	HOT BIT PAVEMENT WIDENING		22.0		120-150		1956	8	20			
	2.0	HOT BIT PAVEMENT		54.0				1976	35				
	2.0	HOT BIT PAVEMENT		24.0		200-300		1977	15	20			
	9.5	AGGREGATE BASE	11.5		11.5			1977					
	3.5	HOT BIT PAVEMENT SAFETY PROJECT		24.0		120-150		1992	45	20			
	4.7	HOT BIT PAVEMENT FEDERAL AID CHIP SEAL	6.0		6.0	120-150		1992					
	2.0	HOT BIT PAVEMENT	4.0	24.0	4.0	PG 58-28	42	1997	5	7	16818		1
	2.0	HBP-SUPERPAVE-FAA 43 FEDERAL AID CHIP SEAL	4.0	24.0	4.0	PG 58-28	SP	2016	47	10	21538		1
				24.0		CRS2P	11	2019	15		22411		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	32	N		191.471	0.4910	198.000	0.0020	6.0370	9.5	24.0	9.5	9.5	8.0	48.0	43.0	140	779 2021	97	32	18	2019	FLEX	ASPHT	RCR	2	1992	2009	2016	F CHIP SEAL																																																																														
0.5 MI N JCT 17 TO EDINBURG																		2014	DIST	88	RIDE	3.46	PRPI	GOOD	IRI	85	2015	DIST	74	RIDE	2.89	PRPI	FAIR	IRI	113	2016	DIST	93	RIDE	4.34	PRPI	GOOD	IRI	46	2017	DIST	88	RIDE	4.26	PRPI	GOOD	IRI	49	2018	DIST	93	RIDE	4.07	PRPI	GOOD	IRI	58	2019	DIST	96	RIDE	4.05	PRPI	GOOD	IRI	58	2020	DIST	96	RIDE	4.04	PRPI	GOOD	IRI	59	2021	DIST	92	RIDE	3.85	PRPI	GOOD	IRI	68	2022	DIST	92	RIDE	3.83	PRPI	GOOD	IRI	69	2023	DIST	88	RIDE	3.61	PRPI	GOOD	IRI	78
2013 PCN 17852 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
192	3.49	83	0.17	84.00	GOOD	N/A	N/A	3	0	3	4	0	0	6
193	3.85	89	0.12	67.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
194	3.53	88	0.13	83.00	GOOD	N/A	N/A	3	0	4	4	0	0	0
195	3.66	91	0.11	76.00	GOOD	N/A	N/A	0	0	4	4	0	0	0
196	3.51	88	0.12	83.00	FAIR	N/A	N/A	3	0	4	4	0	0	0
197	3.61	89	0.09	79.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
AVG	3.61	88	0.12	78.67	GOOD	N/A	N/A	3	0	4	4	0	0	1

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1976					
2.0	TRAFFIC SERVICE GRAVEL		46.0				1976					
6.0	AGGREGATE BASE		43.0				1977					
2.0	HOT BIT PAVEMENT		24.0		200-300		1977	25	20			
3.5	HOT BIT PAVEMENT SAFETY PROJECT		24.0		120-150		1992	553	20			
4.7	HOT BIT PAVEMENT FEDERAL AID CHIP SEAL	6.0		6.0	120-150		1992					
			24.0		HFMS-2	42	1997	67		1372		1
2.0	HOT BIT PAVEMENT FEDERAL AID CHIP SEAL	4.0	24.0	4.0	PG 58-28	29	2009	682	7	16818		1
			24.0		CRS-2	41	2013	156		17852		1
2.0	HBP-SUPERPAVE-FAA 43 FEDERAL AID CHIP SEAL	4.0	24.0	4.0	PG 58-28	SP	2016	577	10	21538		1
			24.0		CRS2P	11	2019	184		22411		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
6	32	N		198.000	0.0020	198.000	0.2700	0.2680	8.0	24.0	9.0	11.0	7.0	57.0	41.0	134	689 2021	86	32	19	2021	FLEX	ASPHT	RCR	2	1992	2011	2018	F CHIP SEAL																					
EDINBURG MUNICIPAL SECTION																		2014	DIST	82	RIDE	3.83	PRPI	GOOD	IRI	69																								
																		2015	DIST	79	RIDE	3.47	PRPI	GOOD	IRI	85																								
																		2016	DIST	83	RIDE	3.68	PRPI	GOOD	IRI	75																								
																		2017	DIST	86	RIDE	3.18	PRPI	GOOD	IRI	99																								
																		2018	DIST	86	RIDE	3.35	PRPI	GOOD	IRI	91																								
																		2019	DIST	95	RIDE	4.26	PRPI	GOOD	IRI	50																								
																		2020	DIST	89	RIDE	4.18	PRPI	GOOD	IRI	53																								
																		2021	DIST	91	RIDE	4.15	PRPI	GOOD	IRI	55																								
																		2022	DIST	91	RIDE	4.09	PRPI	GOOD	IRI	57																								
																		2023	DIST	92	RIDE	3.97	PRPI	GOOD	IRI	63																								

2014 PCN 17854 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
198	3.97	92	0.10	63.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	3.97	92	0.10	63.00	GOOD	N/A	N/A	3	0	1	3	0	0	0

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		29.0				1956					
2.0	STABILIZED BASE		28.0				1956					
2.5	HOT BIT PAVEMENT		22.0		120-150		1956	4	20			
1.5	HOT BIT PAVEMENT WIDENING		24.0		200-300		1972	4	20			
1.5	HOT BIT PAVEMENT		24.0		200-300		1976	17				
1.5	HOT BIT PAVEMENT		24.0		200-300		1977	16	20			
8.0	AGGREGATE BASE	11.5		11.5			1977					
2.0	HOT BIT PAVEMENT	10.5		10.5	200-300		1977					
3.5	HOT BIT PAVEMENT		24.0		120-150		1992	25	20			
5.5	HOT BIT PAVEMENT	9.0		9.0	120-150		1992					
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	42	1997	4		1372		1
	FEDERAL AID SAND SEAL	8.5		8.5	HFMS-2	45	1997			1372		1
2.0	HBP-SUPERPAVE-FAA 42	6.0	24.0	6.0	PG 58-28	SP	2011	33	10	17597		1
	CONTRACT CHIP SEAL		24.0		CRS2P	41	2014	8		17854		1
-2.0	MILLING		34.7				2018	32		22156		1
2.0	HBP-SUPERPAVE-FAA 43		32.0		PG 58-28	SP	2018		7	22156		1
	FEDERAL AID CHIP SEAL		37.0		CRS2P	11	2021	7		23081		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	32	N		198.000	0.2700	204.000	0.5000	6.2298	10.0	24.0	10.0	8.5	7.0	57.0	44.0	123	555 2021	83	47	19	2021	FLEX	ASPHT	RCR	2	1977	2011	2018	F CHIP SEAL
EDINBURG N TO I M S OF S JCT 66																													
_SEAL COAT ND 32 FROM RP 198.270 TO 205.496 AND ND 66 FROM RP 103.872 TO RP 122.947 -- PCN 13548 2014 PCN 17854 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																													
2014 DIST 88 RIDE 3.47 PRPI GOOD IRI 85 2015 DIST 82 RIDE 3.30 PRPI GOOD IRI 93 2016 DIST 86 RIDE 3.22 PRPI GOOD IRI 97 2017 DIST 85 RIDE 3.15 PRPI FAIR IRI 100 2018 DIST 88 RIDE 2.84 PRPI FAIR IRI 115 2019 DIST 94 RIDE 4.39 PRPI GOOD IRI 43 2020 DIST 92 RIDE 4.34 PRPI GOOD IRI 45 2021 DIST 90 RIDE 4.21 PRPI GOOD IRI 51 2022 DIST 90 RIDE 4.08 PRPI GOOD IRI 57 2023 DIST 90 RIDE 3.99 PRPI GOOD IRI 61																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
199	4.22	91	0.09	51.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0	0
200	4.00	90	0.10	61.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0	0
201	3.92	90	0.09	65.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0	0
202	3.90	92	0.09	65.00	GOOD	N/A	N/A	0	0	4	3	0	0	0	0	0
203	3.78	90	0.09	71.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0	0
204	4.10	89	0.09	56.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0	0
AVG	3.99	90	0.09	61.50	GOOD	N/A	N/A	3	0	3	3	0	0	0	0	0

15 OCCURS DPTH (IN)	COMPONENTS	LSHL DPTH (FT)	RDWY DPTH (FT)	RSHL DPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		29.0				1956					
2.0	STABILIZED BASE		28.0				1956					
2.5	HOT BIT PAVEMENT		22.0		120-150		1956	118	20			
1.5	HOT BIT PAVEMENT WIDENING		54.0		200-300		1976	501				
1.5	HOT BIT PAVEMENT		24.0		200-300		1977	388	20			
8.0	AGGREGATE BASE	11.5		11.5			1977					
2.0	HOT BIT PAVEMENT	10.5		10.5			1977					
	CONTRACT CHIP SEAL		24.0		MC-3000		1988	47				
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2001	66		13548	1	
2.0	HBP-SUPERPAVE-FAA 42	6.0	24.0	6.0	PG 58-28	SP	2011	775	10	17597	1	
	CONTRACT CHIP SEAL		24.0		CRS2P	41	2014	193		17854	1	
-1.0	MILLING		27.5				2018	750		22156	1	
2.0	HBP-SUPERPAVE-FAA 43	8.1	24.0	8.1	PG 58-28	41	2018		7	22156	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2021	166		23081	1	



NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	32	N		204.000	0.5000	205.496	0.0000	0.9818	10.0	24.0	10.0	6.0	6.0	48.0	44.0	120	545 2021	83	47	19	2021	FLEX	ASPHT	RCR	2	1977	2011	2018	F CHIP SEAL																																																																														
1 MI S OF SOUTH JCT 66 TO S JCT 66																		2014	DIST	88	RIDE	3.54	PRPI	GOOD	IRI	82	2015	DIST	88	RIDE	3.02	PRPI	FAIR	IRI	106	2016	DIST	82	RIDE	3.54	PRPI	GOOD	IRI	82	2017	DIST	79	RIDE	3.44	PRPI	GOOD	IRI	86	2018	DIST	89	RIDE	2.93	PRPI	FAIR	IRI	110	2019	DIST	96	RIDE	4.03	PRPI	GOOD	IRI	59	2020	DIST	93	RIDE	3.82	PRPI	GOOD	IRI	69	2021	DIST	88	RIDE	3.79	PRPI	GOOD	IRI	71	2022	DIST	88	RIDE	3.60	PRPI	GOOD	IRI	79	2023	DIST	89	RIDE	3.47	PRPI	GOOD	IRI	85

2014 PCN 17854 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
205	3.47	89	0.11	85.00	GOOD	N/A	N/A	3	0	3	4	0	0
AVG	3.47	89	0.11	85.00	GOOD	N/A	N/A	3	0	3	4	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	AGGREGATE BASE		48.0				1976	71				
1.5	HOT BIT PAVEMENT		43.0				1977					
1.5	HOT BIT PAVEMENT		41.0		200-300		1977					
1.5	HOT BIT PAVEMENT		24.0		200-300		1977	65	20			
	CONTRACT CHIP SEAL		24.0		MC-3000		1988	8				
2.0	HBP-SUPERPAVE-FAA 42	6.0	24.0	6.0	PG 58-28	SP	2011	122	10	17597		1
	CONTRACT CHIP SEAL		24.0		CRS2P		41	2014	30	17854		1
-1.0	MILLING		27.5				2018	118		22156		1
2.0	HBP-SUPERPAVE-FAA 43	8.1	24.0	8.1	PG 58-28	41	2018	7	7	22156		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2021	26		23081		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	32	N		205.496	0.0000	207.500	0.0000	2.0021	5.0	24.0	5.0	4.5	7.0	38.0	34.0	135	745 2021	97	52	18	2019	FLEX	ASPHT	RCR	2	1972	2011	2016	C CHIP SEAL																																																																														
S JCT 66 N TO N JCT 66																		2014	DIST	80	RIDE	3.93	PRPI	GOOD	IRI	64	2015	DIST	78	RIDE	3.57	PRPI	GOOD	IRI	80	2016	DIST	93	RIDE	4.33	PRPI	GOOD	IRI	46	2017	DIST	89	RIDE	4.27	PRPI	GOOD	IRI	49	2018	DIST	95	RIDE	4.00	PRPI	GOOD	IRI	60	2019	DIST	97	RIDE	4.05	PRPI	GOOD	IRI	58	2020	DIST	97	RIDE	3.93	PRPI	GOOD	IRI	64	2021	DIST	94	RIDE	3.88	PRPI	GOOD	IRI	67	2022	DIST	90	RIDE	3.80	PRPI	GOOD	IRI	70	2023	DIST	88	RIDE	3.68	PRPI	GOOD	IRI	75
ND 32 - 213.428 TO 215.822 PATCHING 2001 - PCN 14504																																																																																																											
ND 32 - 205.496 TO 216.551 THIN LIFT OVERLAY - PCN 14768																																																																																																											
2006 PCN - 16044 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
206	3.54	87	0.12	82.00	GOOD	N/A	N/A	3	0	2	5	0	2	0
207	3.82	89	0.10	69.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
AVG	3.68	88	0.11	75.50	GOOD	N/A	N/A	3	0	3	5	0	1	0

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1959	28				
7.0	STABILIZED BASE		34.0				1959	29				
1.5	HOT BIT PAVEMENT		24.0		200-300		1972	36	20			
	CONTRACT CHIP SEAL		24.0		MC-3000		1988	15				
	DRIVE SLOPE FLATTENING						1995	11				
	INT CONT PATCH-1.5"		30.0		PG 58-28	27	2001	8		14504		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2002	72		14768		1
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2006	34		16044		1
1.5	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2011	249	10	17597		1
	CONTRACT CHIP SEAL		24.0		CRS2P	41	2014	62		17854		1
-2.0	MILLING		24.0				2016			20684		1
2.0	HBP-SUPERPAVE-FAA 43		26.0		PG 58-28	SP	2016	211	10	20684		1
4.0	AGGREGATE BASE	3.0		3.0		04	2016			20684		1
	CONTRACT CHIP SEAL		26.0		CRS2P	11	2019	61		22412		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	32	N		207.500	0.0000	216.551	0.0000	9.0474	5.0	24.0	5.0	3.0	7.0	38.0	34.0	82	495 2021	58	52	18	2019	FLEX	ASPHT	RCR	2	1972	2016	2016	F CHIP SEAL																																																																														
N JCT 66 N TO E JCT 5 HALLSON																		2014	DIST	79	RIDE	3.25	PRPI	GOOD	IRI	95	2015	DIST	81	RIDE	2.82	PRPI	GOOD	IRI	116	2016	DIST	93	RIDE	4.17	PRPI	GOOD	IRI	53	2017	DIST	89	RIDE	4.13	PRPI	GOOD	IRI	55	2018	DIST	97	RIDE	3.77	PRPI	GOOD	IRI	71	2019	DIST	96	RIDE	3.84	PRPI	GOOD	IRI	67	2020	DIST	96	RIDE	3.72	PRPI	GOOD	IRI	73	2021	DIST	89	RIDE	3.66	PRPI	GOOD	IRI	76	2022	DIST	91	RIDE	3.49	PRPI	GOOD	IRI	84	2023	DIST	88	RIDE	3.43	PRPI	GOOD	IRI	86
ND 32 - 213.428 TO 215.822 PATCHING 2001 - PCN 14504																																																																																																											
ND 32 - 205.496 TO 216.551 THIN LIFT OVERLAY - PCN 14768																																																																																																											
2006 PCN - 16044 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
208	4.04	90	0.11	59.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
209	3.57	89	0.11	80.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
210	3.51	86	0.10	83.00	GOOD	N/A	N/A	3	0	3	5	0	0	2
211	3.20	88	0.11	98.00	GOOD	N/A	N/A	3	0	3	5	0	0	0
212	3.38	92	0.10	89.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
213	3.40	87	0.10	88.00	GOOD	N/A	N/A	3	0	4	5	0	0	0
214	3.13	89	0.10	101.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
215	3.18	88	0.12	99.00	GOOD	N/A	N/A	3	0	3	5	0	0	0
216	3.49	86	0.12	84.00	GOOD	N/A	N/A	3	0	3	5	0	0	2
AVG	3.43	88	0.11	86.78	GOOD	N/A	N/A	3	0	3	5	0	0	0

12 OCCURS	LSHL WIDTH (IN)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE	38.0					1959	125				
7.0 STABILIZED BASE	34.0					1959	129				
1.5 HOT BIT PAVEMENT	24.0			200-300		1972	164	20			
CONTRACT CHIP SEAL	24.0			MC-3000		1988	68				
DRIVE SLOPE FLATTENING						1995	49				
INT CONT PATCH-1.5"	30.0			PG 58-28	27	2001	36		14504		1
1.5 HOT BIT PAVEMENT	24.0			PG 58-28	27	2002	325		14768		1
FEDERAL AID CHIP SEAL	24.0			HFMS-2	43	2006	155		16044		1
-2.0 MILLING	24.0					2016			20684		1
2.0 HBP-SUPERPAVE-FAA 43	26.0			PG 58-28	SP	2016	952	10	20684		1
4.0 AGGREGATE BASE	3.0		3.0		04	2016			20684		1
FEDERAL AID CHIP SEAL	26.0			CRS2P	11	2019	276		22412		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																						
6	32	N		219.556	0.0000	230.000	0.6380	11.0775	1.5	24.0	1.5	5.0	7.0	34.0	27.0	148	698 2021	128	41	23	2014	FLEX	ASPHT	RCR	2	1983	2011	2011	C CHIP SEAL																																						
W JCT 5 CONCRETE TO WALHALLA																		2014	DIST 89	RIDE 3.41	PRPI GOOD	IRI 88	2015	DIST 88	RIDE 2.88	PRPI FAIR	IRI 113	2016	DIST 87	RIDE 3.22	PRPI FAIR	IRI 97	2017	DIST 85	RIDE 2.58	PRPI POOR	IRI 130	2018	DIST 89	RIDE 2.85	PRPI FAIR	IRI 115	2019	DIST 86	RIDE 2.44	PRPI POOR	IRI 138	2020	DIST 84	RIDE 2.72	PRPI POOR	IRI 121	2021	DIST 80	RIDE 2.27	PRPI POOR	IRI 147	2022	DIST 81	RIDE 2.32	PRPI POOR	IRI 142	2023	DIST 77	RIDE 1.98	PRPI POOR	IRI 167

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT	
219	0.72	83	0.24	282.00	POOR	N/A	N/A	3	0	2	3	0	2	6
220	1.14	59	0.35	221.00	POOR	N/A	N/A	3	0	4	4	0	2	27
221	1.82	82	0.19	171.00	POOR	N/A	N/A	3	0	3	3	0	2	6
222	2.18	75	0.20	150.00	POOR	N/A	N/A	3	0	5	4	0	6	6
223	2.10	77	0.22	154.00	POOR	N/A	N/A	3	0	4	3	0	6	6
224	1.65	75	0.18	181.00	POOR	N/A	N/A	3	0	5	4	0	6	6
225	1.81	76	0.16	171.00	POOR	N/A	N/A	6	0	3	4	0	4	6
226	2.02	82	0.16	159.00	POOR	N/A	N/A	6	0	4	5	0	2	0
227	2.81	81	0.16	117.00	FAIR	N/A	N/A	6	0	3	3	0	6	0
228	2.59	74	0.20	128.00	FAIR	N/A	N/A	3	0	4	6	0	6	6
229	2.61	80	0.15	126.00	FAIR	N/A	N/A	3	0	4	6	0	6	0
230	2.28	84	0.12	144.00	POOR	N/A	N/A	6	0	3	4	0	2	0
AVG	1.98	77	0.19	167.00	POOR	N/A	N/A	4	0	4	4	0	4	6

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	GRADE		34.0				1957	278				
2.0	AGGREGATE BASE		31.0				1958					
2.0	STABILIZED BASE		30.0				1958					
2.5	HOT BIT PAVEMENT		24.0		120-150		1958	235	20			
2.5	HOT BIT PAVEMENT		24.0		120-150		1983	690	20			
	DRIVE SLOPE FLATTENING						1992	67				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1995	93				
	CONTRACT CHIP SEAL	3.0	24.0	3.0	CRS2P	43	2004	132		15718	1	
-2.0	MILLING		25.0				2011			17853	1	
2.0	HBP-SUPERPAVE-FAA 43		27.0		PG 58-28	SP	2011	1681	10	17853	1	
	CONTRACT CHIP SEAL		27.0		CRS2P	41	2014	377		18962	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	32	N		230.000	0.6380	231.000	0.4380	0.7770	8.8	24.0	8.5	9.5	11.0	45.0	41.3	149	1737 2021	113	41	23	2014	FLEX	ASPHT	RCR	2	1983	2011	2011	C CHIP SEAL				
WALHALLA MUNICIPAL SECTION																		2014	DIST	85	RIDE	3.63	PRPI	GOOD	IRI	78							
																		2015	DIST	82	RIDE	3.16	PRPI	GOOD	IRI	100							
																		2016	DIST	85	RIDE	3.25	PRPI	GOOD	IRI	96							
																		2017	DIST	83	RIDE	3.24	PRPI	GOOD	IRI	96							
																		2018	DIST	88	RIDE	3.26	PRPI	GOOD	IRI	95							
																		2019	DIST	88	RIDE	2.90	PRPI	GOOD	IRI	112							
																		2020	DIST	87	RIDE	3.02	PRPI	GOOD	IRI	107							
																		2021	DIST	85	RIDE	2.91	PRPI	GOOD	IRI	112							
																		2022	DIST	86	RIDE	2.81	PRPI	GOOD	IRI	117							
																		2023	DIST	85	RIDE	2.50	PRPI	POOR	IRI	132							

2023 PCN 23585 - RP'S 231.383 - 231.438-2" MILL AND OVERLAY

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
231	2.50	85	0.11	132.00	POOR	N/A	N/A	6	0	3	3	0	2	0
AVG	2.50	85	0.11	132.00	POOR	N/A	N/A	6	0	3	3	0	2	0

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		44.0				1975					
4.0	HOT BIT PAVEMENT		41.0				1975	205				
2.0	HOT BIT PAVEMENT		41.0		120-150		1975		20			
2.0	HOT BIT PAVEMENT		41.0		120-150		1983	30	20			
	CONTRACT CHIP SEAL		41.0		HFMS-2		1995	7				
	CONTRACT CHIP SEAL	3.0	24.0	3.0	CRS2P	43	2004	8		15718		1
-2.0	MILLING		41.0				2011			17853		1
2.0	HBP-SUPERPAVE-FAA 43		41.0		PG 58-28	SP	2011	118	10	17853		1
	CONTRACT CHIP SEAL		41.0		CRS2P	41	2014	26		18962		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	32	N		231.000	0.4380	236.674	0.0000	5.2121	1.0	24.0	1.0	4.5	7.0	34.0	26.0	93	219 2021	76	66	23	2014	FLEX	ASPHT	RCR	2	1958	1983	2011	C CHIP SEAL				
WALHALLA N TO STATE LINE																		2014	DIST 89	RIDE 3.56	PRPI	GOOD	IRI 81										
																		2015	DIST 88	RIDE 3.36	PRPI	FAIR	IRI 90										
																		2016	DIST 87	RIDE 3.42	PRPI	GOOD	IRI 87										
																		2017	DIST 87	RIDE 3.33	PRPI	GOOD	IRI 91										
																		2018	DIST 90	RIDE 3.20	PRPI	FAIR	IRI 98										
																		2019	DIST 91	RIDE 3.34	PRPI	GOOD	IRI 91										
																		2020	DIST 91	RIDE 3.18	PRPI	FAIR	IRI 98										
																		2021	DIST 87	RIDE 3.21	PRPI	GOOD	IRI 97										
																		2022	DIST 89	RIDE 2.96	PRPI	FAIR	IRI 109										
																		2023	DIST 87	RIDE 3.08	PRPI	FAIR	IRI 103										

2023 PCN 23585 - RP'S 231.438 - 231.468-2" MILL AND OVERLAY

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
232	3.51	84	0.09	83.00	GOOD	N/A	N/A	3	0	4	6	0	0	2	0
233	3.09	86	0.09	103.00	FAIR	N/A	N/A	3	0	4	6	0	0	0	0
234	3.19	87	0.09	98.00	FAIR	N/A	N/A	3	0	3	6	0	0	0	0
235	3.27	89	0.08	94.00	FAIR	N/A	N/A	3	0	2	5	0	0	0	0
236	2.35	89	0.09	140.00	POOR	N/A	N/A	3	0	3	4	0	0	0	0
AVG	3.08	87	0.09	103.60	FAIR	N/A	N/A	3	0	3	5	0	0	0	0

10 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSBL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE	34.0					1957	122				
		5.0 AGGREGATE BASE	31.0					1958					
		2.0 STABILIZED BASE	30.0					1958					
		2.5 HOT BIT PAVEMENT	24.0			120-150		1958	103	20			
		2.0 HOT BIT PAVEMENT	24.0			120-150		1983	232	11			
		CONTRACT CHIP SEAL	24.0			HFMS-2		1995	44				
		CONTRACT CHIP SEAL	3.0	24.0	3.0	CRS2P	43	2004	62		15718	1	
		-2.0 MILLING		26.0				2011			17853	1	
		2.0 HBP-SUPERPAVE-FAA 43		26.0		PG 58-28	SP	2011	791	10	17853	1	
		CONTRACT CHIP SEAL		26.0		CRS2P	41	2014	177		18962	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	35	N		0.000	0.0000	0.000	0.4010	0.4010	8.5	24.0	8.5	6.0	7.0	45.0	41.0	36	288 2021	25	58	12		FLEX	ASPHT	RCL	3	1966	2007	2022	RAP-FAA 43
JCT 2 N MUNICIPAL SEC IN MICHIGAN																		2014	DIST 79	RIDE 1.76	PRPI	POOR	IRI 175						
																		2015	DIST 79	RIDE 1.65	PRPI	POOR	IRI 181						
																		2016	DIST 79	RIDE 1.21	PRPI	POOR	IRI 214						
																		2017	DIST 79	RIDE 1.08	PRPI	POOR	IRI 226						
																		2018	DIST 87	RIDE 0.92	PRPI	POOR	IRI 244						
																		2019	DIST 86	RIDE 0.99	PRPI	POOR	IRI 236						
																		2020	DIST 88	RIDE 1.13	PRPI	POOR	IRI 221						
																		2021	DIST 86	RIDE 0.79	PRPI	POOR	IRI 264						
																		2022	DIST 99	RIDE 2.80	PRPI	GOOD	IRI 117						
																		2023	DIST 93	RIDE 2.91	PRPI	GOOD	IRI 112						

2010 PCN 17674 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
0	2.91	93	0.09	112.00	GOOD	N/A	N/A	3	0	1	2	0	0	0
AVG	2.91	93	0.09	112.00	GOOD	N/A	N/A	3	0	1	2	0	0	0

8 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		CURB & GUTTER FACE-FACE		44.0				1966					
	7.0	CEMENT TREATED BASE		41.0				1966					
	2.0	HOT BIT PAVEMENT		41.0		120-150		1966					
	2.5	HOT BIT PAVEMENT		41.0		120-150		1984	30	11			
	1.5	HOT BIT PAVEMENT	2.5	24.0	2.5	PG 58-28	27	2007	26	7	16932		1
		FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2010	10		17674		1
	-2.0	MILLING		41.0				2022			23145		1
	2.0	RAP-SUPERPAVE FAA 43		41.0		PG 58S28	SP	2022	92	10	23145		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	35	N		0.000	0.4010	12.000	0.1830	11.7823	5.0	24.0	5.0	6.0	5.0	38.0	34.0	34	237 2021	22	54	12		FLEX	ASPHT	RCL	3	1970	2007	2022	RAP-FAA 43
MICHIGAN N TO NELSON-WALSH CO LN																		2014	DIST	79	RIDE	3.67	PRPI	GOOD	IRI	76			
																		2015	DIST	82	RIDE	3.60	PRPI	GOOD	IRI	79			
																		2016	DIST	81	RIDE	3.55	PRPI	GOOD	IRI	81			
																		2017	DIST	79	RIDE	3.43	PRPI	GOOD	IRI	87			
																		2018	DIST	91	RIDE	3.39	PRPI	GOOD	IRI	88			
																		2019	DIST	89	RIDE	3.43	PRPI	GOOD	IRI	87			
																		2020	DIST	88	RIDE	3.29	PRPI	FAIR	IRI	93			
																		2021	DIST	88	RIDE	3.07	PRPI	FAIR	IRI	104			
																		2022	DIST	99	RIDE	3.92	PRPI	GOOD	IRI	64			
																		2023	DIST	98	RIDE	3.78	PRPI	GOOD	IRI	71			

PCN 14677 - INTERMITTENT PATCHING RP 11.770 TO 27.000 2.992 MILES  
2010 PCN 17674 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
1	3.72	98	0.08	73.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
2	3.76	98	0.06	72.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
3	3.63	98	0.08	77.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
4	3.57	98	0.07	81.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
5	3.54	98	0.08	82.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
6	3.96	98	0.07	63.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
7	3.90	98	0.08	66.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
8	3.70	98	0.06	75.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
9	3.70	97	0.07	75.00	GOOD	N/A	N/A	0	0	0	2	0	0	0
10	4.03	98	0.07	60.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
11	4.02	97	0.08	60.00	GOOD	N/A	N/A	0	0	1	1	0	0	0
12	3.82	98	0.07	69.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
AVG	3.78	98	0.07	71.08	GOOD	N/A	N/A	0	0	0	1	0	0	0

11 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS LFE			
GRADE		38.0				1970	325			
5.0 BITUMINOUS BASE		34.0		SM-K		1971	412			
1.2 RECYCLED HOT BIT PAVMNT		27.0		200-300		1984		5		
1.3 HOT BIT PAVEMENT		27.0		120-150		1984	896	8		
CONTRACT CHIP SEAL		27.0		MC-3000		1991	89			
INT CONT PATCH-1.5"		30.0		PG 58-28	27	2001	114		14677	1
1.5 HOT BIT PAVEMENT	2.5	24.0	2.5	PG 58-28	27	2007	755	7	16932	1
FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2010	295		17674	1
-1.0 MILLING		25.2				2022			23144	1
3.0 RAP-SUPERPAVE FAA 43		24.2		PG58S-34	SP	2022	2715	10	23144	1
2.0 AGGREGATE BASE	4.9		4.9		05	2022			23144	1



ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	35	N		12.000	0.1830	27.264	0.0000	15.0790	5.0	24.0	5.0	5.5	6.0	38.0	34.0	25	115 2021	16	47	12		FLEX	ASPHT	RCL	3	1977	2007	2022	RAP-FAA 43																				
CO LINE N TO JCT 17-ADAMS																		2014	DIST	80	RIDE	3.65	PRPI	GOOD	IRI	77																							
2010 PCN 17674 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																		2015	DIST	80	RIDE	3.59	PRPI	GOOD	IRI	79																							
																		2016	DIST	81	RIDE	3.45	PRPI	GOOD	IRI	85																							
																		2017	DIST	79	RIDE	3.37	PRPI	GOOD	IRI	90																							
																		2018	DIST	89	RIDE	3.16	PRPI	FAIR	IRI	99																							
																		2019	DIST	86	RIDE	3.25	PRPI	GOOD	IRI	96																							
																		2020	DIST	83	RIDE	3.07	PRPI	FAIR	IRI	104																							
																		2021	DIST	83	RIDE	2.95	PRPI	FAIR	IRI	110																							
																		2022	DIST	99	RIDE	3.84	PRPI	GOOD	IRI	68																							
																		2023	DIST	96	RIDE	3.71	PRPI	GOOD	IRI	74																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
13	3.65	98	0.07	77.00	GOOD	N/A	N/A	0	0	0	1	0	0
14	3.76	97	0.07	72.00	GOOD	N/A	N/A	0	0	0	2	0	0
15	3.85	98	0.07	67.00	GOOD	N/A	N/A	0	0	0	1	0	0
16	4.02	97	0.08	60.00	GOOD	N/A	N/A	0	0	0	2	0	0
17	4.12	97	0.06	55.00	GOOD	N/A	N/A	0	0	0	2	0	0
18	4.18	94	0.07	53.00	GOOD	N/A	N/A	3	0	0	2	0	0
19	4.12	96	0.10	56.00	GOOD	N/A	N/A	0	0	1	2	0	0
20	4.02	97	0.09	60.00	GOOD	N/A	N/A	0	0	1	1	0	0
21	3.90	98	0.07	66.00	GOOD	N/A	N/A	0	0	0	1	0	0
22	3.88	94	0.07	67.00	GOOD	N/A	N/A	0	0	2	3	0	0
23	3.69	96	0.08	75.00	GOOD	N/A	N/A	0	0	0	3	0	0
24	3.69	96	0.08	75.00	GOOD	N/A	N/A	0	0	0	3	0	0
25	3.43	94	0.08	87.00	GOOD	N/A	N/A	0	0	1	4	0	0
26	3.11	95	0.08	102.00	FAIR	N/A	N/A	0	0	1	3	0	0
27	2.25	97	0.12	146.00	POOR	N/A	N/A	0	0	0	2	0	0
AVG	3.71	96	0.08	74.53	GOOD	N/A	N/A	0	0	0	2	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1976	720				
	2.0 TRAFFIC SERVICE GRAVEL		36.0				1976					
	6.0 AGGREGATE BASE		34.0				1977					
	2.0 HOT BIT PAVEMENT RECLAMITE		24.0		200-300		1977	794	20			
	CONTRACT CHIP SEAL		24.0		MC-3000		1978	14				
	1.5 HOT BIT PAVEMENT	2.5	24.0	2.5	PG 58-28	27	2007	968	7	16932		1
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2010	378			17674	1
	-1.0 MILLING		25.2				2022				23144	1
	3.0 RAP-SUPERPAVE FAA 43		24.2		PG58S-34	SP	2022	3475	10		23144	1
	2.0 AGGREGATE BASE	4.9		4.9		05	2022				23144	1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	38	N		19.000	0.5190	36.332	0.0000	16.8170	2.5	24.0	2.5	5.5	7.0	38.0	29.0	159	623 2021	107	25	17	2023	FLEX	ASPHT	RCR	2	1999	2020	2020	F CHIP SEAL

PAGE N TO JCT 32-HOPE

2009 PCN 17697 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.

2014	DIST 83	RIDE	3.13	PRPI	FAIR	IRI 101
2015	DIST 84	RIDE	2.72	PRPI	FAIR	IRI 121
2016	DIST 84	RIDE	2.80	PRPI	FAIR	IRI 117
2017	DIST 85	RIDE	2.40	PRPI	POOR	IRI 137
2018	DIST 89	RIDE	2.34	PRPI	POOR	IRI 141
2019	DIST 87	RIDE	2.55	PRPI	POOR	IRI 130
2020	DIST 87	RIDE	2.68	PRPI	FAIR	IRI 123
2021	DIST 98	RIDE	4.00	PRPI	GOOD	IRI 61
2022	DIST 95	RIDE	4.08	PRPI	GOOD	IRI 57
2023	DIST 95	RIDE	3.76	PRPI	GOOD	IRI 71

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RT, TC	RT, BC	RT, RW	RT, BP	RT, RT
20	3.70	98	0.10	75.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
21	3.89	97	0.10	66.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
22	3.94	97	0.09	64.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
23	3.78	97	0.10	71.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
24	3.82	97	0.10	69.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
25	3.96	90	0.10	63.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0
26	3.99	93	0.09	62.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0
27	3.57	94	0.09	80.00	GOOD	N/A	N/A	0	0	3	2	0	0	0	0
28	3.78	96	0.08	71.00	GOOD	N/A	N/A	0	0	1	2	0	0	0	0
29	3.68	97	0.09	76.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
30	3.62	97	0.11	78.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
31	3.72	98	0.10	73.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
32	3.79	90	0.10	71.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0
33	3.59	90	0.11	80.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0
34	3.82	96	0.12	69.00	GOOD	N/A	N/A	0	0	2	1	0	0	0	0
35	3.93	97	0.13	64.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
36	3.35	93	0.12	91.00	GOOD	N/A	N/A	0	0	4	2	0	0	0	0
AVG	3.76	95	0.10	71.94	GOOD	N/A	N/A	1	0	1	2	0	0	0	0

13 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0					1962	177			
		1.0 TRAFFIC SERVICE GRAVEL		37.0					1962	46			
		3.5 AGGREGATE BASE		36.0					1963				
		3.5 EMULSIFIED BASE		34.0		SS-1		1963	297	20			
		1.5 HOT BIT PAVEMENT		24.0		120-150		1978	349	20			
		CONTRACT CHIP SEAL		24.0		HFMS-2		1989	118				
		3.0 AGGREGATE BASE	3.0		3.0			05	1999	113		12407	1
		3.0 HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28		27	1999	1055	20	12407	1
		FEDERAL AID CHIP SEAL		24.0		HFMS-2		43	2002	184		14773	1
		CONTRACT CHIP SEAL		24.0		HFMS-2		43	2009	351		17697	1
		-1.0 MILLING		30.7					2020			22452	1
		2.0 RAP-SUPERPAVE FAA 43		29.0		PG 58S28	SP		2020	2532	7	22452	1
		FEDERAL AID CHIP SEAL		29.0		CRS2P		11	2023	752		23833	1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	44	N		29.434	0.0000	31.000	0.8360	1.9897	5.0	24.0	5.0	10.0	6.0	38.0	34.0	76	689 2021	59	14	14	2014	COMPO	AOPJC	RCR	3	2010	2010	2010	F CHIP SEAL				
JCT I-29 TO DRAYTON MUNICIPAL																		2014	DIST	90	RIDE	3.08	PRPI	FAIR	IRI	104							
																		2015	DIST	87	RIDE	2.81	PRPI	GOOD	IRI	99							
																		2016	DIST	91	RIDE	3.21	PRPI	GOOD	IRI	97							
																		2017	DIST	89	RIDE	3.31	PRPI	GOOD	IRI	92							
																		2018	DIST	93	RIDE	3.09	PRPI	FAIR	IRI	103							
																		2019	DIST	94	RIDE	3.17	PRPI	GOOD	IRI	99							
																		2020	DIST	94	RIDE	3.00	PRPI	FAIR	IRI	108							
																		2021	DIST	94	RIDE	3.11	PRPI	GOOD	IRI	103							
																		2022	DIST	95	RIDE	2.80	PRPI	POOR	IRI	117							
																		2023	DIST	96	RIDE	3.19	PRPI	GOOD	IRI	98							

CONCRETE SECTION GENERALLY IN GOOD CONDITION. SOME MINOR JOINT SPALLING.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) AVG NUM FLT	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT
30	3.28	97	0.10	94.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
31	3.61	94	0.10	79.00	GOOD	N/A	N/A	0	0	1	2	0	0	2
AVG	3.45	96	0.10	86.50	GOOD	N/A	N/A	0	0	1	2	0	0	1

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM FLT	(2023) AVG NUM FLT	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE	
29	2.68	96	0.08	123.00	POOR	N/A	N/A	0	0	3	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	COST THOUS	DSN LFE	PCN	SUB	H
3.9	TRAFFIC SERVICE GRAVEL		38.0				1951	28			
6.0	AGGREGATE BASE	5.0	24.0	5.0			1954	104			
8.0	NON-REINF PCC		24.0				1954	20			
	JOINT SPACE 20 FOOT CONCRETE PAVEMENT REPAIR						1954				
2.0	HBP-SUPERPAVE-FAA 43 FEDERAL AID CHIP SEAL		26.0		PG 58-28 CRS-2	SP	2010	1549	20	17092	1
2.0	AGGREGATE BASE	5.0	24.0	5.0			41	2014	66	18342	1
							04	2014		18342	1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																										
6	44	N		31.000	0.8360	32.000	0.6360	0.7986	17.5	24.0	17.5	8.0	3.0	63.0	59.0	115	1486 2021	109	70	24		CONCR	JOINT	RCR	3	1954	2010	2010	GRINDING																																																										
DRAYTON MUNICIPAL																		2014	DIST 87	RIDE	2.81	PRPI	FAIR	IRI 116	2015	DIST 87	RIDE	3.05	PRPI	FAIR	IRI 105	2016	DIST 87	RIDE	2.59	PRPI	POOR	IRI 128	2017	DIST 84	RIDE	2.76	PRPI	FAIR	IRI 119	2018	DIST 84	RIDE	2.63	PRPI	POOR	IRI 125	2019	DIST 87	RIDE	2.71	PRPI	FAIR	IRI 121	2020	DIST 81	RIDE	2.68	PRPI	POOR	IRI 123	2021	DIST 85	RIDE	3.02	PRPI	FAIR	IRI 107	2022	DIST 87	RIDE	2.46	PRPI	POOR	IRI 134	2023	DIST 88	RIDE	3.04	PRPI	GOOD	IRI 105

CONCRETE SECTION GENERALLY IN GOOD CONDITION. SOME MINOR JOINT SPALLING.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
32	3.04	88	N/A	105.00	GOOD	0.09	72	0	0	0	3	2	2	2	0	1	1
AVG	3.04	88	N/A	105.00	GOOD	0.09	72	0	0	0	3	2	2	2	0	1	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		62.0				1954	20				
	3.0 SAND BASE		62.0				1954					
	8.0 NON-REINF PCC		62.0				1954	163				
	JOINT SPACE 20 FOOT						1954					
	CPR/DOWEL BAR RETROFIT		24.0			S3	2010	622	20	17092		1
	GRINDING		30.0				2010			17092		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	44	N		32.000	0.6360	32.883	0.0000	0.2464	5.0	24.0	5.0	10.0	6.0	38.0	34.0	130	1785 2021	109	14	14	2014	COMPO	AOPJC	RCR	3	2010	2010	2010	F CHIP SEAL				
DRAYTON MUNICIPAL TO JCT ND 66																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

CONCRETE SECTION GENERALLY IN GOOD CONDITION. SOME MINOR JOINT SPALLING.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	RIDE TC	DISTRESS BC	& RUT RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.9	TRAFFIC SERVICE GRAVEL		38.0	22.0			1951		3			
6.0	AGGREGATE BASE	5.0	24.0	5.0			1954	13				
8.0	NON-REINF PCC		24.0				1954		20			
	JOINT SPACE 20 FOOT CONCRETE PAVEMENT REPAIR						1954					
2.0	HBP-SUPERPAVE-FAA 43		26.0		PG 58-28	SP	2010	192	20	17092		1
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	8		18342		1
2.0	AGGREGATE BASE	5.0		5.0		04	2014			18342		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	45	N		0.000	0.0000	0.000	0.7880	0.7880	8.5	24.0	8.5	2.0	10.0	45.0	41.0	220	1380 2021	73	57	18	2022	FLEX	ASPHT	RCL	3	1967	2011	2019	F CHIP SEAL																																																
MUNICIPAL SECTION COOPERSTOWN																		2014	DIST 88	RIDE 2.90	PRPI	FAIR	IRI 112	2015	DIST 88	RIDE 3.03	PRPI	FAIR	IRI 106	2016	DIST 85	RIDE 2.66	PRPI	POOR	IRI 124	2017	DIST 82	RIDE 2.60	PRPI	FAIR	IRI 127	2018	DIST 90	RIDE 2.27	PRPI	POOR	IRI 145	2019	DIST 88	RIDE 2.39	PRPI	POOR	IRI 138	2020	DIST 97	RIDE 3.14	PRPI	GOOD	IRI 101	2021	DIST 91	RIDE 2.89	PRPI	FAIR	IRI 112	2022	DIST 91	RIDE 2.85	PRPI	FAIR	IRI 114	2023	DIST 91	RIDE 2.60	PRPI	FAIR	IRI 127

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
0	2.60	91	0.12	127.00	FAIR	N/A	N/A	3	0	3	2	0	0	0
AVG	2.60	91	0.12	127.00	FAIR	N/A	N/A	3	0	3	2	0	0	0

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1967					
	CURB & GUTTER FACE-FACE		44.0				1967	128				
6.0	AGGREGATE BASE		41.0				1967					
4.0	PLANT MIX BIT BASE		41.0		85-100		1967					
2.0	HOT BIT PAVEMENT		41.0		85-100		1967		20			
	HOT BIT PAVEMENT		41.0		120-150		1980	47				
	DISTRICT CHIP SEAL		26.0		AE-150S		1981	1				
-2.0	MILLING		41.0				2011			17855		1
2.0	HBP-SUPERPAVE-FAA 45		41.0		PG 58-28	SP	2011	51	10	17855		1
	FEDERAL AID CHIP SEAL		41.0		CRS-2	41	2012	25		19144		1
-2.0	MILLING		41.0				2019			22471		1
2.0	HBP-SUPERPAVE-FAA 43		41.0		PG 58S28	SP	2019	125	7	22471		1
	FEDERAL AID CHIP SEAL		41.0		CRS2P	11	2022	35		23445		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	45	N		0.000	0.7880	7.385	0.0000	6.5926	5.0	24.0	5.0	4.2	7.0	38.0	34.0	135	576 2021	73	44	34	2022	FLEX	ASPHT	RCL	3	1980	1998	1998	F CHIP SEAL																																																
COOPERSTOWN N TO JCT ND 65																		2014	DIST 86	RIDE 3.21	PRPI	FAIR	IRI 97	2015	DIST 85	RIDE 3.16	PRPI	FAIR	IRI 100	2016	DIST 81	RIDE 2.75	PRPI	FAIR	IRI 119	2017	DIST 82	RIDE 2.98	PRPI	FAIR	IRI 108	2018	DIST 85	RIDE 2.21	PRPI	POOR	IRI 148	2019	DIST 83	RIDE 2.89	PRPI	FAIR	IRI 112	2020	DIST 96	RIDE 3.91	PRPI	GOOD	IRI 64	2021	DIST 92	RIDE 3.73	PRPI	GOOD	IRI 73	2022	DIST 92	RIDE 3.72	PRPI	GOOD	IRI 73	2023	DIST 92	RIDE 3.72	PRPI	GOOD	IRI 73
																		3,484 TONS OF HOT BITUMINOUS PAVEMENT USED BY MAINTENANCE FORCES, BEFORE SEAL IN 1991. THIS INCLUDES THE CURB AND GUTTER SECTION IN COOPERSTOWN.																																																											
																		2011 PCN 17855 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP	RT	
1	3.89	94	0.13	66.00	GOOD	N/A	N/A	3	0	0	2	0	0	0
2	3.79	93	0.13	70.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
3	3.83	94	0.14	68.00	GOOD	N/A	N/A	3	0	0	2	0	0	0
4	3.55	94	0.15	81.00	GOOD	N/A	N/A	3	0	0	2	0	0	0
5	3.65	93	0.16	77.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
6	3.74	89	0.15	72.00	GOOD	N/A	N/A	3	0	4	3	0	0	0
7	3.60	87	0.13	79.00	GOOD	N/A	N/A	3	0	4	3	0	0	2
AVG	3.72	92	0.14	73.29	GOOD	N/A	N/A	3	0	1	3	0	0	0

11 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0				1967	140				
	3.5	AGGREGATE BASE		36.0				1967					
	3.5	BITUMINOUS BASE		34.0		SM-K		1967		20			
	1.5	HOT BIT PAVEMENT		27.0		120-150		1980	282	20			
		AGGREGATE BASE	1.5		1.5			1980	12				
		CONTRACT CHIP SEAL		24.0		MC-3000		1991	58				
	1.5	HOT BIT PAVEMENT		27.0		120-150	27	1998	227	12	12157		1
		MICROSURFACING		24.0			MC	2011	429		17855		1
	-.7	MILLING		28.4				2019			22471		1
	2.0	HBP-SUPERPAVE-FAA 43		26.0		PG 58S28	SP	2019	1027		22471		1
		FEDERAL AID CHIP SEAL		26.0		CRS2P	11	2022	296		23446		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	45	N		7.385	0.0000	18.048	0.0000	10.6573	4.5	24.0	4.5	4.0	7.0	40.0	33.0	115	370 2021	62	44	20	2020	FLEX	ASPHT	RCL	3	1980	1998	2017	C CHIP SEAL
JCT ND 65 E-N-E TO JCT 32																													
522 TONS HBP (PAVER LAID) 1.5" 120-150 \$14,110-1995. 2011 PCN 17855 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.																													
2014 DIST 84 RIDE 2.81 PRPI FAIR IRI 116																													
2015 DIST 85 RIDE 2.60 PRPI FAIR IRI 127																													
2016 DIST 82 RIDE 2.44 PRPI FAIR IRI 136																													
2017 DIST 93 RIDE 3.93 PRPI GOOD IRI 64																													
2018 DIST 96 RIDE 3.87 PRPI GOOD IRI 67																													
2019 DIST 94 RIDE 3.74 PRPI GOOD IRI 72																													
2020 DIST 94 RIDE 3.62 PRPI GOOD IRI 78																													
2021 DIST 94 RIDE 3.43 PRPI GOOD IRI 87																													
2022 DIST 90 RIDE 3.48 PRPI GOOD IRI 84																													
2023 DIST 88 RIDE 3.39 PRPI GOOD IRI 88																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT										
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
8	3.29	87	0.14	93.00	GOOD	N/A	N/A	3	0	2	5	0	0	2	0	
9	3.47	89	0.11	85.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0	
10	3.43	88	0.11	87.00	GOOD	N/A	N/A	3	0	3	5	0	0	0	0	
11	3.49	90	0.12	84.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0	
12	3.17	88	0.13	99.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0	
13	2.84	87	0.14	115.00	FAIR	N/A	N/A	3	0	3	4	0	0	2	0	
14	3.29	89	0.13	94.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0	
15	3.45	89	0.13	86.00	GOOD	N/A	N/A	3	0	2	5	0	0	0	0	
16	3.71	87	0.11	74.00	GOOD	N/A	N/A	3	0	2	5	0	0	2	0	
17	3.80	88	0.11	70.00	GOOD	N/A	N/A	3	0	3	5	0	0	0	0	
18	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
AVG		3.39	88	0.12	88.70	GOOD	N/A	N/A	3	0	3	5	0	0	1	0

12 OCCURS	DPTH (IN)	COMPONENTS	L SHL WDT (FT)	RDWY WDT (FT)	R SHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0				1967	229				
	3.5	AGGREGATE BASE		36.0				1967					
	3.5	BITUMINOUS BASE		34.0		SM-K		1967		20			
	1.5	HOT BIT PAVEMENT		27.0		120-150		1980	459	20			
		AGGREGATE BASE	1.5		1.5			1980	20				
		CONTRACT CHIP SEAL		24.0		MC-3000		1991	94				
	1.5	HOT BIT PAVEMENT		27.0		120-150	27	1998	478	12	12036	1	
		MICROSURFACING		24.0			MC	2011	694		17855	1	
	-1.0	MILLING		24.0	2.5			2017	1133		21902	1	
	2.0	HBP-SUPERPAVE-FAA 43		.5	24.0	.5	PG 58-28	SP	2017		7	21902	1
	2.0	RECYCLED HOT BIT PAVMNT		4.0	4.0	120-150		2017			21902	1	
		CONTRACT CHIP SEAL		24.0		CRS2P	11	2020	274		22709	1	



ENGLISH

D	HWY	S	D	REF	PT	FROM	FROM	TO	TO	LENGTH	LEFT	DRVNG	RIGHT	SURF	BASE	GRAD	FIN	TAADT	AAADT	ESALS	PAV	PAV	LAST	PVMT	PVMT	HWY	FRT	INTL	PREV	LTST	LTST				
						REF	OFFSET	REF	OFFSET	(XX)	SHLDR	LANE	SHLDR	DPTH	DPTH	WDTH	WDTH				AGE	AGE	YEAR	TYPE	DESC	PTY	LVL	CONS	CONS	CONS	REHAB				
6	54	E		7.695	0.0000	8.000	0.0580	0.3778	5.0	24.0	5.0	5.5	4.0	44.0	34.0	158	616	2021	122	10	10	2017	FLEX	ASPHT	RCR	3	2014	2014	2014	F	CHIP SEAL				
I-29 CROSS ROAD PORTION																				2014	DIST	93	RIDE	3.92	PRPI	GOOD	IRI	64							
																				2015	DIST	89	RIDE	4.04	PRPI	GOOD	IRI	59							
																				2016	DIST	86	RIDE	3.84	PRPI	GOOD	IRI	68							
																				2017	DIST	86	RIDE	3.79	PRPI	GOOD	IRI	70							
																				2018	DIST	98	RIDE	3.65	PRPI	GOOD	IRI	77							
																				2019	DIST	96	RIDE	3.77	PRPI	GOOD	IRI	72							
																				2020	DIST	94	RIDE	3.71	PRPI	GOOD	IRI	74							
																				2021	DIST	95	RIDE	3.63	PRPI	GOOD	IRI	78							
																				2022	DIST	90	RIDE	3.59	PRPI	GOOD	IRI	80							
																				2023	DIST	95	RIDE	3.45	PRPI	GOOD	IRI	86							

2017 PCN 21781 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF	RUT	IRI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT													
PT	RIDE	DST	(IN)	IN/MI	PRPI	FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

9 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN				
DPTH	WDTH	WDTH	WDTH	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
(IN)	COMPONENTS	(FT)	(FT)	(FT)							
	GRADE	44.0				1969	40				
4.0	BITUMINOUS BASE	40.0		SM-K		1969	20				
4.0	HOT BIT PAVEMENT	36.0		SC-3000		1971	18				
1.5	HOT BIT PAVEMENT	24.0		120-150		1972	8	20			
	CONTRACT CHIP SEAL	24.0		MC-3000		1988	4				
	FEDERAL AID CHIP SEAL	6.0	24.0	6.0	HFMS-2	43	2000	17	13535	1	
-2.0	MILLING		24.0			2014			18343	1	
2.0	HBP-SUPERPAVE-FAA 42	5.0	24.0	5.0	PG 58-28	SP	2014	110	20	18343	1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	9	21781	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	54	E		8.000	0.0580	9.958	0.0000	1.8905	5.0	24.0	5.0	5.0	10.0	44.0	34.0	175	938 2021	133	10	10	2017	FLEX	ASPHT	RCR	3	2014	2014	2014	F CHIP SEAL
I-29 CROSS RD E TO RED RIVER-OSLO																		2014	DIST 89	RIDE 4.19	PRPI	GOOD	IRI	52					
																		2015	DIST 84	RIDE 4.14	PRPI	GOOD	IRI	55					
																		2016	DIST 86	RIDE 3.99	PRPI	GOOD	IRI	62					
																		2017	DIST 86	RIDE 3.79	PRPI	GOOD	IRI	71					
																		2018	DIST 95	RIDE 3.68	PRPI	GOOD	IRI	75					
																		2019	DIST 94	RIDE 3.88	PRPI	GOOD	IRI	66					
																		2020	DIST 95	RIDE 3.65	PRPI	GOOD	IRI	77					
																		2021	DIST 91	RIDE 3.74	PRPI	GOOD	IRI	73					
																		2022	DIST 93	RIDE 3.64	PRPI	GOOD	IRI	77					
																		2023	DIST 90	RIDE 3.60	PRPI	GOOD	IRI	79					

2011 PCN 19348 - SHOULDER REPAIR, INSLOPE REPAIR, DEBRIS REMOVAL AND INCIDENTALS  
2017 PCN 21781 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
8	3.55	89	0.10	82.00	GOOD	N/A	N/A	3	0	1	4	0	2	0
9	3.65	91	0.10	77.00	GOOD	N/A	N/A	3	0	1	4	0	0	0
AVG	3.60	90	0.10	79.50	GOOD	N/A	N/A	3	0	1	4	0	1	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
10.0	EMULSIFIED BASE		44.0				1959	41				
2.0	HOT BIT PAVEMENT		38.0		SS-1		1959	56				
1.5	HOT BIT PAVEMENT		36.0		120-150		1972		20			
	CONTRACT CHIP SEAL		24.0		120-150		1972	58				
	DRIVE SLOPE FLATTENING		24.0		MC-3000		1988	17				
1.5	HOT BIT PAVEMENT		24.0		120-150	25	1997	65	5	1602		1
	FEDERAL AID CHIP SEAL	6.0	24.0	6.0	HFMS-2	43	2000			13535		1
-2.0	MILLING		24.0				2014			18343		1
2.0	HBP-SUPERPAVE-FAA 42	5.0	24.0	5.0	PG 58-28	SP	2014	600	20	18343		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	42		21781		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	59	E		0.000	0.0000		1.063	0.0000		1.1428	9.0	24.0	9.0	13.0	9.0	48.0	42.0	109	773 2021	70	20	20	2015	FLEX	ASPHT	RCR	3	2004	2013	2013	F CHIP SEAL																																																
JCT I-29 E TO RED RIVER																				2014	DIST 86	RIDE 2.37	PRPI	POOR	IRI 147	2015	DIST 86	RIDE 2.34	PRPI	POOR	IRI 149	2016	DIST 79	RIDE 3.24	PRPI	GOOD	IRI 96	2017	DIST 82	RIDE 2.86	PRPI	POOR	IRI 114	2018	DIST 90	RIDE 2.65	PRPI	POOR	IRI 124	2019	DIST 90	RIDE 3.01	PRPI	POOR	IRI 107	2020	DIST 88	RIDE 3.03	PRPI	POOR	IRI 106	2021	DIST 91	RIDE 2.92	PRPI	GOOD	IRI 111	2022	DIST 89	RIDE 3.00	PRPI	POOR	IRI 107	2023	DIST 89	RIDE 2.88	PRPI	POOR	IRI 113

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
0	2.88	89	0.14	113.00	POOR	N/A	N/A	3	0	2	3	0	2	0
1	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	2.88	89	0.14	113.00	POOR	N/A	N/A	3	0	2	3	0	2	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
9.0	HOT BIT PAVEMENT		48.0				1983					
9.0	AGGREGATE BASE CONTRACT CHIP SEAL	8.5	27.0	8.5	120-150		1983	492	20			
4.0	HOT BIT PAVEMENT		27.0		AE-150S		1983	10				
4.0	AGGREGATE BASE	9.0	27.0	9.0	PG 58-28	05	2004	168	20	15196	1	
-1.5	MILLING		24.0			05	2004			15196	1	
1.5	HBP-SUPERPAVE-FAA 43 FEDERAL AID CHIP SEAL		27.0			SS	2007	24		16901	1	
			26.0				2013			20170	1	
			26.0		PG 58-28	SP	2013	351	10	20170	1	
			26.0		CRS-2	41	2015	36		20917	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
6	65	E		0.000	0.0000	9.383	0.0000	9.3791	5.0	24.0	5.0	3.0	7.0	38.0	34.0	55	358 2021	30	44	29	2011	FLEX	ASPHT	RCL	3	1980	2008	2008	F CHIP SEAL						
JCT 1-BINFORD E TO JCT 45																		960 TONS OF HBP PATCHING BY MAINTENANCE FORCES IN 1991, BEFORE SEAL.																	
																		2014	DIST 79	RIDE 3.88	PRPI	GOOD	IRI	66											
																		2015	DIST 79	RIDE 3.65	PRPI	GOOD	IRI	76											
																		2016	DIST 79	RIDE 3.65	PRPI	GOOD	IRI	76											
																		2017	DIST 78	RIDE 3.37	PRPI	GOOD	IRI	90											
																		2018	DIST 89	RIDE 3.37	PRPI	GOOD	IRI	89											
																		2019	DIST 86	RIDE 3.31	PRPI	GOOD	IRI	92											
																		2020	DIST 86	RIDE 3.25	PRPI	GOOD	IRI	96											
																		2021	DIST 85	RIDE 3.00	PRPI	FAIR	IRI	107											
																		2022	DIST 85	RIDE 3.02	PRPI	FAIR	IRI	106											
																		2023	DIST 84	RIDE 2.83	PRPI	FAIR	IRI	116											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
0	2.46	89	0.13	134.00	POOR	N/A	N/A	3	0	3	4	0	0	0
1	2.79	86	0.12	118.00	FAIR	N/A	N/A	6	0	3	4	0	0	0
2	3.43	89	0.13	87.00	GOOD	N/A	N/A	3	0	2	5	0	0	0
3	3.07	84	0.16	104.00	FAIR	N/A	N/A	3	0	4	6	0	0	2
4	3.41	88	0.15	88.00	GOOD	N/A	N/A	3	0	3	5	0	0	0
5	3.16	82	0.16	99.00	FAIR	N/A	N/A	3	0	3	5	0	0	0
6	2.51	79	0.21	132.00	FAIR	N/A	N/A	3	0	4	5	0	0	2
7	2.39	79	0.22	138.00	POOR	N/A	N/A	3	0	5	6	0	0	0
8	2.52	82	0.20	132.00	FAIR	N/A	N/A	3	0	3	5	0	0	0
9	2.53	81	0.23	131.00	FAIR	N/A	N/A	3	0	2	5	0	0	2
AVG	2.83	84	0.17	116.30	FAIR	N/A	N/A	3	0	3	5	0	0	1

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0					1966	300			
3.5	AGGREGATE BASE		36.0					1967				
3.5	BITUMINOUS BASE		34.0		SM-K			1967	219	20		
1.5	HOT BIT PAVEMENT		24.0		120-150			1980	324	20		
	AGGREGATE BASE	2.0		2.0				1980	24			
	CONTRACT CHIP SEAL		24.0		MC-3000			1991	65			
	DISTRICT CHIP SEAL	3.0	24.0	3.0	HFMS-2	43	2002	60				
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2008	803	7	17344	1	
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2011	243		17837	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	66	E		93.000	0.8300	101.868	0.0000	8.0337	4.2	24.0	4.2	6.0	5.0	38.0	32.4	70	320 2021	51	52	15		FLEX	ASPHT	RCR	2	1972	2010	2022	RAP-FAA 43																																																
DISTRICT BNDRY E TO JCT 32																		2014	DIST 86	RIDE 3.66	PRPI	GOOD	IRI 76	2015	DIST 90	RIDE 3.34	PRPI	GOOD	IRI 91	2016	DIST 90	RIDE 3.42	PRPI	GOOD	IRI 87	2017	DIST 87	RIDE 3.19	PRPI	GOOD	IRI 98	2018	DIST 91	RIDE 3.00	PRPI	FAIR	IRI 107	2019	DIST 91	RIDE 2.85	PRPI	POOR	IRI 115	2020	DIST 89	RIDE 2.75	PRPI	POOR	IRI 119	2021	DIST 85	RIDE 2.48	PRPI	POOR	IRI 133	2022	DIST 87	RIDE 2.25	PRPI	POOR	IRI 146	2023	DIST 97	RIDE 4.10	PRPI	GOOD	IRI 56

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
94	3.99	97	0.09	62.00	GOOD	N/A	N/A	0	0	2	0	0	0
95	4.28	97	0.10	49.00	GOOD	N/A	N/A	0	0	2	0	0	0
96	4.22	97	0.11	51.00	GOOD	N/A	N/A	0	0	2	0	0	0
97	4.11	97	0.12	56.00	GOOD	N/A	N/A	0	0	2	0	0	0
98	3.99	98	0.10	61.00	GOOD	N/A	N/A	0	0	1	0	0	0
99	4.17	97	0.08	53.00	GOOD	N/A	N/A	0	0	2	0	0	0
100	4.13	97	0.09	55.00	GOOD	N/A	N/A	0	0	2	0	0	0
101	3.92	92	0.10	65.00	GOOD	N/A	N/A	3	0	2	0	0	0
AVG	4.10	97	0.10	56.50	GOOD	N/A	N/A	0	0	2	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		38.0				1964	203				
2.0	HOT BIT PAVEMENT		36.0				1965					
2.0	HOT BIT PAVEMENT		24.0				1965	157	20			
2.0	HOT BIT PAVEMENT		24.0		200-300		1972	144	20			
	INT CONT PATCH-1.5"		24.0		120-150		1994	155				
	CONTRACT CHIP SEAL		24.0		HFMS-2		1994	64				
2.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2010	995	7	17418		1
5.0	AGGREGATE BASE	5.0		5.0		04	2010			17418		1
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	268		18344		1
-2.0	MILLING		28.4				2022			23296		1
2.0	RAP-SUPERPAVE FAA 43		24.0		PG58S-34	SP	2022	1505	7	23296		1
2.0	RECYCLED HOT BIT PAVMNT	4.2		4.2	PG58S-34		2022			23296		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	66	E		103.872	0.0000	112.000	0.8110	8.9380	5.0	24.0	5.0	6.0	3.0	38.0	34.0	91	447 2021	72	46	17	2023	FLEX	ASPHT	RCR	2	1978	2010	2020	F CHIP SEAL				
JCT 32 GARDAR E TO CRYSTAL																		2014	DIST 85	RIDE 3.17	PRPI	FAIR	IRI 99										
																		2015	DIST 89	RIDE 3.44	PRPI	GOOD	IRI 86										
																		2016	DIST 87	RIDE 3.03	PRPI	FAIR	IRI 106										
																		2017	DIST 86	RIDE 3.32	PRPI	GOOD	IRI 91										
																		2018	DIST 93	RIDE 2.52	PRPI	POOR	IRI 133										
																		2019	DIST 89	RIDE 2.92	PRPI	FAIR	IRI 112										
																		2020	DIST 89	RIDE 2.28	PRPI	POOR	IRI 145										
																		2021	DIST 98	RIDE 4.06	PRPI	GOOD	IRI 58										
																		2022	DIST 95	RIDE 3.72	PRPI	GOOD	IRI 74										
																		2023	DIST 92	RIDE 4.07	PRPI	GOOD	IRI 58										

2014 PCN 18345 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
103	4.03	95	0.11	60.00	POOR	N/A	N/A	0	0	2	2	0	0
104	3.98	90	0.08	62.00	GOOD	N/A	N/A	3	0	3	3	0	0
105	4.02	91	0.09	60.00	GOOD	N/A	N/A	3	0	2	3	0	0
106	4.08	92	0.09	58.00	GOOD	N/A	N/A	3	0	1	3	0	0
107	4.19	91	0.07	53.00	GOOD	N/A	N/A	3	0	2	3	0	0
108	4.09	97	0.08	57.00	GOOD	N/A	N/A	0	0	0	2	0	0
109	4.29	91	0.09	48.00	GOOD	N/A	N/A	3	0	2	3	0	0
110	4.17	91	0.07	54.00	GOOD	N/A	N/A	3	0	2	3	0	0
111	3.94	91	0.08	64.00	GOOD	N/A	N/A	3	0	2	3	0	0
112	3.89	90	0.10	66.00	GOOD	N/A	N/A	3	0	2	4	0	0
AVG	4.07	92	0.09	58.20	GOOD	N/A	N/A	2	0	2	3	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0					1966	236			
3.0	BITUMINOUS BASE		36.0		SM-K			1968				
1.5	HOT BIT PAVEMENT		24.0		85-100			1969	219	10		
1.5	HOT BIT PAVEMENT		24.0		200-300			1978	284	20		
	RECLAMITE							1979				
	CONTRACT CHIP SEAL		24.0		HFMS-2			1992	95			
	FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2001	195		13549	1	
2.0	HBP-SUPERPAVE-FAA 42	5.0	24.0	5.0	PG 58-28	SP	2010	1107	7	17419	1	
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	299		18345	1	
-1.0	MILLING		26.6				2020			22745	1	
2.0	RAP-SUPERPAVE FAA 43		26.6		PG 58S28	SP	2020	1461	7	22745	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	488		23832	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
6	66	E		112.000	0.8110	122.947	0.0000	10.1326	5.0	24.0	5.0	5.0	8.0	38.0	34.0	171	613 2021	122	46	14		FLEX	ASPHT	RCR	2	1978	2010	2023	RAP-FAA 43															
CRYSTAL E TO N JCT 81 ST THOMAS																				2014	DIST 90	RIDE 3.74	PRPI	GOOD	IRI 72																			
																				2015	DIST 88	RIDE 3.78	PRPI	GOOD	IRI 70																			
																				2016	DIST 90	RIDE 3.47	PRPI	GOOD	IRI 85																			
																				2017	DIST 87	RIDE 3.54	PRPI	GOOD	IRI 81																			
																				2018	DIST 94	RIDE 3.02	PRPI	FAIR	IRI 106																			
																				2019	DIST 90	RIDE 3.41	PRPI	GOOD	IRI 87																			
																				2020	DIST 90	RIDE 3.45	PRPI	GOOD	IRI 86																			
																				2021	DIST 91	RIDE 3.56	PRPI	GOOD	IRI 80																			
																				2022	DIST 90	RIDE 3.37	PRPI	GOOD	IRI 89																			
																				2023	DIST 90	RIDE 3.24	PRPI	GOOD	IRI 95																			

SEAL COAT ND 66 FROM 112.799 TO 112.828-RAILROAD CROSSING AND FROM 114.899 TO 114.937 - ND 18 ROW - PCN 13548  
2014 PCN 18345 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
113	3.29	90	0.18	93.00	GOOD	N/A	N/A	3	0	3	3	0	0	0
114	2.95	89	0.14	109.00	FAIR	N/A	N/A	3	0	2	3	0	0	2
115	3.19	89	0.10	98.00	FAIR	N/A	N/A	3	0	3	4	0	0	0
116	3.41	90	0.11	88.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
117	3.40	91	0.11	89.00	GOOD	N/A	N/A	3	0	2	3	0	0	0
118	3.63	89	0.12	77.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
119	3.35	90	0.14	91.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
120	3.06	90	0.14	104.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
121	3.40	90	0.13	88.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
122	2.72	88	0.15	121.00	POOR	N/A	N/A	3	0	3	3	0	0	2
AVG	3.24	90	0.13	95.80	GOOD	N/A	N/A	3	0	2	4	0	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		38.0					1966	169			
3.0	BITUMINOUS BASE		36.0					1966	98			
1.5	HOT BIT PAVEMENT		24.0		SM-K			1968				
1.5	HOT BIT PAVEMENT		24.0		85-100			1969	247	10		
	CONTRACT CHIP SEAL		24.0		200-300			1978	322	20		
	FEDERAL AID CHIP SEAL		24.0		HFMS-2			1992	63			
2.0	HBP-SUPERPAVE-FAA 42	5.0	24.0	5.0	PG 58-28	SP	2010	1256	7	17420	1	
	FEDERAL AID CHIP SEAL		24.0		CRS-2		41	2014	339	18345	1	
-2.0	MILLING		36.0					2023		23654	1	
2.0	RAP-SUPERPAVE FAA 43	5.0	24.0	5.0	PG58S-34	SP	2023	2561	7	23654	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	66	E		124.950	0.0000	136.933	0.0000	11.9753	3.5	25.0	3.5	6.0	7.0	34.0	32.0	177	625 2021	116	27	19	2021	FLEX	ASPHT	RCR	2	1997	2010	2018	F CHIP SEAL
SOUTH JCT 81-ST THOMAS E TO I-29																		2014	DIST	89	RIDE	3.38	PRPI	GOOD	IRI	89			
																		2015	DIST	88	RIDE	3.81	PRPI	GOOD	IRI	69			
																		2016	DIST	88	RIDE	2.92	PRPI	FAIR	IRI	111			
																		2017	DIST	86	RIDE	3.40	PRPI	GOOD	IRI	88			
																		2018	DIST	99	RIDE	4.23	PRPI	GOOD	IRI	51			
																		2019	DIST	97	RIDE	4.44	PRPI	GOOD	IRI	41			
																		2020	DIST	96	RIDE	4.14	PRPI	GOOD	IRI	54			
																		2021	DIST	95	RIDE	4.19	PRPI	GOOD	IRI	52			
																		2022	DIST	95	RIDE	3.75	PRPI	GOOD	IRI	72			
																		2023	DIST	94	RIDE	3.86	PRPI	GOOD	IRI	67			

2014 PCN 18346 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT											
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT								
124	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
125	3.92	94	0.11	65.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0	0	
126	3.87	95	0.10	67.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0	
127	3.89	92	0.09	66.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0	
128	3.79	91	0.08	70.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0	0	
129	3.76	97	0.10	72.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	
130	3.88	94	0.11	67.00	GOOD	N/A	N/A	0	0	2	3	0	0	0	0	0	
131	3.77	95	0.09	71.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0	
132	4.01	95	0.10	61.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0	
133	3.92	95	0.10	65.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0	
134	3.79	92	0.08	70.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0	0	
135	3.99	96	0.07	62.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0	
136	3.72	91	0.09	73.00	GOOD	N/A	N/A	3	0	3	2	0	0	0	0	0	
AVG	3.86	94	0.09	67.42	GOOD	N/A	N/A	1	0	1	3	0	0	0	0	0	

13 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	7.0	EMULSIFIED BASE		34.0				1958	235				
	2.0	HOT BIT PAVEMENT		30.0		SS-1		1960					
	1.5	HOT BIT PAVEMENT		24.0		150-200		1960	498	20			
	1.5	HOT BIT PAVEMENT		24.0		200-300		1978	377	20			
	1.5	HOT BIT PAVEMENT		24.0		HFMS-2		1992	95				
	1.5	HOT BIT PAVEMENT		24.0		120-150	25	1997	397	20	1600	1	
	-2.0	MILLING		26.0				2010					1
	2.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2010	1484	7	16841	1	
	2.0	HBP-SUPERPAVE-FAA 45		24.0		CRS-2	41	2014	400		18346	1	
	-1.0	MILLING		27.1				2018	1932		21958	1	
	2.0	HBP-SUPERPAVE-FAA 45		25.0		PG 58-28	SP	2018		7	21958	1	
	2.0	HBP-SUPERPAVE-FAA 45		25.0		CRS2P	11	2021	320		23082	1	



NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	66	E		136.933	0.0000	137.339	0.0000	0.4061	7.0	24.0	7.0	10.0	12.0	42.0	38.0	470	2005 2021	367	27	19	2021	FLEX	ASPHT	RCR	2	1997	2010	2018	F CHIP SEAL																																																																														
I-29 E TO JCT 44 DRAYTON																		2014	DIST	82	RIDE	3.10	PRPI	FAIR	IRI	102	2015	DIST	85	RIDE	3.19	PRPI	FAIR	IRI	98	2016	DIST	85	RIDE	3.10	PRPI	FAIR	IRI	103	2017	DIST	77	RIDE	2.84	PRPI	FAIR	IRI	115	2018	DIST	99	RIDE	3.93	PRPI	GOOD	IRI	64	2019	DIST	97	RIDE	4.01	PRPI	GOOD	IRI	61	2020	DIST	90	RIDE	3.91	PRPI	GOOD	IRI	65	2021	DIST	91	RIDE	3.88	PRPI	GOOD	IRI	67	2022	DIST	91	RIDE	3.54	PRPI	GOOD	IRI	82	2023	DIST	91	RIDE	3.66	PRPI	GOOD	IRI	77
																		2014 PCN 18346 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.										2018 PCN 21958 - ROADWAY HAS SEAL COAT APPLIED NO COVER COAT.																																																																															

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
137	3.66	91	0.09	77.00	GOOD	N/A	N/A	3	0	2	3	0	0	0
AVG	3.66	91	0.09	77.00	GOOD	N/A	N/A	3	0	2	3	0	0	0

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	AGGREGATE BASE		38.0				1958	15				
2.0	HOT BIT PAVEMENT		35.0				1959					
2.0	HOT BIT PAVEMENT		34.0		150-200		1959		20			
3.0	HOT BIT PAVEMENT		24.0		150-200		1959	33				
1.5	HOT BIT PAVEMENT		24.0		200-300		1978	19	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1992	3				
	DRIVE SLOPE FLATTENING						1995	4				
1.5	HOT BIT PAVEMENT		24.0		120-150	25	1997	13	20	1600		1
	FEDERAL AID CHIP SEAL	5.0	24.0	5.0	HFMS-2	43	2000	3		13536		1
2.0	HBP-SUPERPAVE-FAA 43	7.0	24.0	7.0	PG 58-28	SP	2010	316	10	16819		1
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	14		18346		1
-2.0	MILLING		39.5				2018	66		21958		1
2.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	7.0	PG 58-28	SP	2018		7	21958		1
	FEDERAL AID CHIP SEAL		38.0		CRS2P	44	2021	11		23082		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	66	E		137.339	0.0000	138.720	0.0000	1.3811	8.0	24.0	8.0	5.0	15.0	58.0	40.0	305	1538 2021	253	64	19	2021	FLEX	ASPHT	RCR	2	1960	2018	2018	F CHIP SEAL
JCT 44 DRAYTON TO RED RIVER																		2014	DIST	91	RIDE	3.18	PRPI	FAIR	IRI	98			
																		2015	DIST	89	RIDE	1.78	PRPI	FAIR	IRI	173			
																		2016	DIST	96	RIDE	1.73	PRPI	FAIR	IRI	176			
																		2017	DIST	90	RIDE	1.48	PRPI	GOOD	IRI	193			
																		2018	DIST	99	RIDE	3.15	PRPI	FAIR	IRI	100			
																		2019	DIST	99	RIDE	3.82	PRPI	FAIR	IRI	69			
																		2020	DIST	99	RIDE	3.41	PRPI	GOOD	IRI	88			
																		2021	DIST	99	RIDE	3.79	PRPI	EXCL	IRI	71			
																		2022	DIST	99	RIDE	3.32	PRPI	GOOD	IRI	92			
																		2023	DIST	98	RIDE	3.47	PRPI	FAIR	IRI	85			

ACTUAL AREA SEALED WAS R.P. 137.117-137.332.  
2014 PCN 18346 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2018 PCN 21958 - ROADWAY HAS SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
138	3.47	98	0.10	85.00	FAIR	N/A	N/A	0	0	0	1	0	0	0
AVG	3.47	98	0.10	85.00	FAIR	N/A	N/A	0	0	0	1	0	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7.0	EMULSIFIED BASE		38.0				1952	38				
2.0	HOT BIT PAVEMENT		34.0		SS-1		1960					
	CONTRACT CHIP SEAL		24.0		150-200		1960	56	20			
	DRIVE SLOPE FLATTENING		24.0		HFMS-2		1992	11				
	FEDERAL AID CHIP SEAL	5.0	24.0	5.0	HFMS-2	43	2000	2		13536		1
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	46		18346		1
-2.0	MILLING		29.9				2018	223		21958		1
2.0	HBP-SUPERPAVE-FAA 45	2.0	24.0	2.0	PG 58-28	SP	2018		7	21958		1
2.0	AGGREGATE BASE	6.0	24.0	6.0		04	2018			21958		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2021	37		23082		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	N		163.105	0.0000	169.000	0.6190	6.5877	6.0	24.0	6.0	17.5	3.0	46.0	36.0	213	2040 2021	267	22	22	2018	COMPO	AOPJC	RSC	1	2002	2015	2015	F	CHIP SEAL			
MANVEL N TO LEVANT																		2014	DIST	86	RIDE	2.89	PRPI	FAIR	IRI	112							
																		2015	DIST	87	RIDE	4.16	PRPI	GOOD	IRI	53							
																		2016	DIST	80	RIDE	4.01	PRPI	GOOD	IRI	60							
																		2017	DIST	83	RIDE	3.95	PRPI	GOOD	IRI	63							
																		2018	DIST	92	RIDE	3.68	PRPI	GOOD	IRI	75							
																		2019	DIST	92	RIDE	3.84	PRPI	GOOD	IRI	68							
																		2020	DIST	92	RIDE	3.60	PRPI	GOOD	IRI	79							
																		2021	DIST	92	RIDE	3.69	PRPI	GOOD	IRI	75							
																		2022	DIST	92	RIDE	3.25	PRPI	GOOD	IRI	95							
																		2023	DIST	92	RIDE	3.49	PRPI	GOOD	IRI	84							

2002 PCN 13236 - RUMBLE STRIPS AT MANVEL INTERSECTION RP 163.437  
2006 PCN 16043 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2018 PCN 22118 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
163	2.89	89	0.10	113.00	POOR	N/A	N/A	3	0	2	3	0	0	2	0	0
164	3.59	91	0.09	80.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0	0
165	3.54	92	0.07	82.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0
166	3.60	92	0.09	79.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0
167	3.70	92	0.07	74.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0
168	3.53	92	0.09	83.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0
169	3.61	93	0.12	79.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	0
AVG	3.49	92	0.09	84.29	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0

12 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1950	116				
	3.0	AGGREGATE BASE		46.0				1950					
	8.0	NON-REINF PCC		22.0				1950	332	30			
		CRACK AND SEAT		22.0				1983					
	4.0	RECYCLED HOT BIT PAVMNT		27.0		200-300		1983		20			
	8.0	AGGREGATE BASE	6.5		6.5			1983					
	.7	PLANT MIX SEAL		24.0		120-150		1993	110				
	3.5	HBP-SUPERPAVE-FAA 43	6.0	24.0	6.0	PG 58-28	05	2002	1438	20	13236		1
		SLURRY SEAL		25.0				SS 2006	153		16043		1
	2.0	HBP-SUPERPAVE-FAA 45		28.0		PG 58-28	SP	2015	1062	7	20712		1
	2.0	AGGREGATE BASE	4.0		4.0			04 2015			20712		1
		FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2018	189		22118		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
6	81	N		169.000	0.6190	175.000	0.2914	5.6676	6.0	24.0	6.0	8.0	12.0	60.0	36.0	245	1704 2021	217	31	31	2018	FLEX	ASPHT	RSC	1	1993	1993	1993	F CHIP SEAL																					
LEVANT NW TO N EDGE ARDOCH																		2014	DIST 83	RIDE 3.72	PRPI	GOOD	IRI	74																										
																		2015	DIST 90	RIDE 4.27	PRPI	GOOD	IRI	49																										
																		2016	DIST 82	RIDE 4.22	PRPI	GOOD	IRI	51																										
																		2017	DIST 83	RIDE 4.16	PRPI	GOOD	IRI	53																										
																		2018	DIST 93	RIDE 3.89	PRPI	GOOD	IRI	66																										
																		2019	DIST 93	RIDE 3.89	PRPI	GOOD	IRI	66																										
																		2020	DIST 91	RIDE 3.83	PRPI	GOOD	IRI	68																										
																		2021	DIST 92	RIDE 3.75	PRPI	GOOD	IRI	72																										
																		2022	DIST 90	RIDE 3.54	PRPI	GOOD	IRI	82																										
																		2023	DIST 90	RIDE 3.58	PRPI	GOOD	IRI	80																										

2006 PCN 16206 - STRUCTURE REPLACEMENT, CONSTRUCTION OF RECOVERY APPROACH, CONSTRUCTION OF TURN LANES, AND OTHER SAFETY IMPROVEMENTS.  
2008 - PCN 17245 SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2011 PCN 16443 - 1.5" CONTRACT PATCH 173.900 TO 174.200  
2018 PCN 22118 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
170	3.94	94	0.14	63.00	GOOD	N/A	N/A	3	0	1	1	0	0	0	0
171	3.91	88	0.12	65.00	GOOD	N/A	N/A	6	0	3	2	0	0	0	0
172	3.96	92	0.13	63.00	GOOD	N/A	N/A	3	0	2	2	0	0	0	0
173	3.62	89	0.14	78.00	GOOD	N/A	N/A	6	0	2	2	0	0	0	0
174	3.46	91	0.12	86.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0
175	2.58	86	0.11	128.00	POOR	N/A	N/A	6	0	3	4	0	0	0	0
AVG	3.58	90	0.13	80.50	GOOD	N/A	N/A	5	0	2	2	0	0	0	0

9 OCCURS	DPATH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	12.0	BLENDED BASE		60.0				1993					
	4.5	HOT BIT PAVEMENT		40.0				1993					
	4.0	HOT BIT PAVEMENT	6.0	24.0	6.0	120-150		1993	2020	20			
	3.5	HBP-SUPERPAVE-FAA 45		24.0		PG 58-28	05	2005	924		15318	1	
	2.0	HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-28	05	2005			15318	1	
		SLURRY SEAL		24.0			SS	2008	164		17245	1	
		FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2018	163		22118	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
6	81	N		175.000	0.2914	181.000	0.2458	6.0027	8.0	24.0	8.0	6.0	15.0	66.0	40.0	289	1929 2021	220	23	19	2018	FLEX	ASPHT	RSC	1	2001	2015	2015	F	CHIP SEAL						
ARDOCH N TO MINTO																		2014	DIST	81	RIDE	3.19	PRPI	GOOD	IRI	98										
																		2015	DIST	91	RIDE	4.16	PRPI	GOOD	IRI	54										
																		2016	DIST	86	RIDE	4.03	PRPI	GOOD	IRI	60										
																		2017	DIST	85	RIDE	4.01	PRPI	GOOD	IRI	60										
																		2018	DIST	90	RIDE	3.57	PRPI	GOOD	IRI	81										
																		2019	DIST	90	RIDE	3.65	PRPI	GOOD	IRI	77										
																		2020	DIST	86	RIDE	3.50	PRPI	GOOD	IRI	83										
																		2021	DIST	88	RIDE	3.72	PRPI	GOOD	IRI	73										
																		2022	DIST	82	RIDE	3.13	PRPI	GOOD	IRI	101										
																		2023	DIST	87	RIDE	3.64	PRPI	GOOD	IRI	77										

2006 PCN 16042 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2011 PCN 19246 - 1.5" CONTRACT PATCH 175.550 TO 175.700  
2018 PCN 22118 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) AVG FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
176	3.46	87	0.08	86.00	GOOD	N/A	N/A	6	0	2	4	0	0	0	0
177	3.83	86	0.06	69.00	GOOD	N/A	N/A	9	0	1	3	0	0	0	0
178	3.66	84	0.08	77.00	GOOD	N/A	N/A	9	0	2	2	0	0	2	0
179	3.74	88	0.08	73.00	GOOD	N/A	N/A	6	0	2	3	0	0	0	0
180	3.77	88	0.07	72.00	GOOD	N/A	N/A	3	0	3	3	0	0	2	0
181	3.37	88	0.09	90.00	FAIR	N/A	N/A	3	0	3	3	0	0	2	0
AVG	3.64	87	0.08	77.83	GOOD	N/A	N/A	6	0	2	3	0	0	1	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	BITUMINOUS BASE GRADE		32.0	66.0			1940					
6.0	AGGREGATE BASE	14.0		14.0		05	2001	3309		64	1	
-4.0	MILLING		28.0				2001			64	1	
15.0	BLENDED BASE		54.0				2001			64	1	
1.5	HOT BIT PAVEMENT		44.0		PG 58-28	29	2001		20	64	1	
1.5	HOT BIT PAVEMENT		42.0		PG 58-28	29	2001		20	64	1	
2.0	HOT BIT PAVEMENT		40.0		PG 58-34	29	2001		20	64	1	
	SLURRY SEAL		25.0			SS	2006	140		16042	1	
-1.0	MILLING		30.0				2015			18963	1	
2.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL		30.0	24.0	PG 58-28	SP	2015	968	10	18963	1	
					CRS2P	41	2018	172		22118	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	81	N		181.000	0.2458	182.000	0.0880	0.8499	10.5	24.0	10.5	7.5	18.0	49.0	45.0	310	2304 2021	397	29	17		FLEX	ASPHT	RSC	1	1995	2009	2020	RAP-FAA 45																				
MINTO MUNICIPAL																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

2018 PCN 22157 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RUT BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPH (IN) COMPONENTS											
CURB & GUTTER FACE-FACE		48.0				1995					
18.0 AGGREGATE BASE		50.0				1995					
5.5 HOT BIT PAVEMENT		45.0		120-150		1995	1114	20			
FEDERAL AID CHIP SEAL		45.0		HFMS-2	42	1997	10		1374	1	
2.0 HBP-SUPERPAVE-FAA 45		45.0		PG 58-28	SP	2009	124	7	16842	1	
SLURRY SEAL		45.0			SS	2012	33		17856	1	
FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2018	22		22157	1	
-2.0 MILLING		25.0				2020			22655	1	
2.0 RAP-SUPERPAVE FAA 45		25.0		PG 58S28	SP	2020	261	7	22655	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
6	81	N		182.000	0.0880	184.000	0.5860	2.4139	6.5	24.0	6.5	10.5	9.0	48.0	37.0	287	1887 2021	217	29	14		FLEX	ASPHT	RSC	1	1995	2009	2023	RAP-FAA 45					
MINTO N APPROX 2.5 MI																		2014	DIST 87	RIDE 4.09	PRPI	GOOD	IRI 56											
																		2015	DIST 89	RIDE 4.08	PRPI	GOOD	IRI 58											
																		2016	DIST 90	RIDE 3.80	PRPI	GOOD	IRI 69											
																		2017	DIST 84	RIDE 3.85	PRPI	GOOD	IRI 68											
																		2018	DIST 90	RIDE 3.54	PRPI	GOOD	IRI 81											
																		2019	DIST 88	RIDE 3.65	PRPI	GOOD	IRI 77											
																		2020	DIST 88	RIDE 3.38	PRPI	GOOD	IRI 89											
																		2021	DIST 90	RIDE 3.56	PRPI	GOOD	IRI 81											
																		2022	DIST 90	RIDE 3.06	PRPI	FAIR	IRI 104											
																		2023	DIST 89	RIDE 3.06	PRPI	GOOD	IRI 104											

2012 PCN 17856 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2018 PCN 22157 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT	
182	3.53	87	0.10	83.00	GOOD	N/A	N/A	3	0	2	5	0	0	2	0
183	2.98	89	0.14	108.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
184	2.67	90	0.17	123.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
AVG	3.06	89	0.14	104.67	GOOD	N/A	N/A	3	0	1	5	0	0	1	0

13 OCCURS	LSHL DPTH (IN)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		48.0				1967	94				
5.0 AGGREGATE BASE		44.0				1967	142				
4.0 PLANT MIX BIT BASE		41.0		120-150		1968					
1.5 HOT BIT PAVEMENT		40.0		85-100		1968	171	20			
-2.5 MILLING		27.0				1995					
2.0 HOT BIT PAVEMENT		40.0		120-150		1995	503				
2.0 RECYCLED HOT BIT PAVMNT		27.0		200-300		1995		20			
FEDERAL AID CHIP SEAL		24.0		HFMS-2	42	1997	41		1374		1
2.0 HBP-SUPERPAVE-FAA 45		36.5		PG 58-28	SP	2009	352	7	16842		1
SLURRY SEAL		24.0			SS	2012	92		17856		1
FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2018	70		22157		1
-2.0 MILLING		36.9				2023			23655		1
2.0 RAP-SUPERPAVE FAA 45		6.5	24.0	6.5	PG58H-34	SP	2023	588	7	23655	1





ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	81	N		190.000	0.4690	190.775	0.0000	0.3031	8.5	24.0	8.5	8.0	24.0	47.0	41.0	184	2465 2021	202	32	32		CONCR	JOINT	USC	1	1992	2011	2011	GRINDING																				
GRAFTON-CITY SEC-RR N TO E JCT 17																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	91	RIDE	2.72	PRPI	FAIR	IRI	121																							

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
190	2.72	91	N/A	121.00	FAIR	0.07	34	0	0	3	2	0	1	0	1	1
AVG	2.72	91	N/A	121.00	FAIR	0.07	34	0	0	3	2	0	1	0	1	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
24.0	CURB & GUTTER FACE-FACE		44.0				1992					
8.0	AGGREGATE BASE		47.0				1992					
8.0	NON-REINF PCC		44.0				1992	415	30			
	MUNICIPAL ITEMS						1992					
	CPR/DOWEL BAR RETROFIT		44.0			03	2011	266	10	17033	1	
	GRINDING		44.0				2011			17033	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	N		190.775	0.0000	190.993	0.0000	0.1570	8.5	24.0	8.5	8.0	12.0	47.0	41.0	425	6140 2021	429	36	28	2019	CONCR	JOINT	USC	1	1988	2019	2019	MICROSURFACI				
GRAFTON-E JCT US 81 W TO HILL AVE																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

4 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		CURB & GUTTER FACE-FACE		44.0	44.0			1988					
	12.0	AGGREGATE BASE		46.0	44.0			1988					
		NON-REINF PCC		44.0				1988	371	30			
		MICROSURFACING		39.0			06	2019	46	7	22346	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	N		190.993	0.0000	191.000	0.2780	0.3457	7.5	24.0	7.5	9.0	12.0	45.0	39.0	258	2889 2021	253	54	35			CONCR CRCP	USC	1	1970	1970	1970	RUBBLIZE				
GRAFTON-W JCT 17 TO 7TH ST																		2014	DIST 76	RIDE 1.13	PRPI	POOR	IRI 222										
																		2015	DIST 81	RIDE 1.27	PRPI	POOR	IRI 209										
																		2016	DIST 80	RIDE 1.13	PRPI	POOR	IRI 222										
																		2017	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A										
																		2018	DIST 81	RIDE 2.18	PRPI	POOR	IRI 149										
																		2019	DIST 90	RIDE 2.38	PRPI	POOR	IRI 138										
																		2020	DIST 96	RIDE 2.41	PRPI	POOR	IRI 137										
																		2021	DIST 90	RIDE 2.59	PRPI	POOR	IRI 128										
																		2022	DIST 90	RIDE 2.32	PRPI	POOR	IRI 142										
																		2023	DIST 88	RIDE 2.59	PRPI	POOR	IRI 127										

AGGREGATE BASE COARSE WAS CL5 AND SALVAGED BASE COARSE MIX. EXISTING  
HOT. BIT. PAVE. WAS REMOVED. CURB AND GUTTER AND PCC PAVEMENT WERE  
REMOVED.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	LJS	LC	TC	TCS	BP	CP	BU	
191	2.59	88	N/A	127.00	POOR	0.10	58	0	0	2	2	N/A	0	1	N/A
AVG	2.59	88	N/A	127.00	POOR	0.10	58	0	0	2	2	0	0	1	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		42.0				1948					
8.0	CONT - REINF PCC		39.0				1948	137	20			
1.5	HOT BIT PAVEMENT		39.0		85-100		1970	10	20			
-1.5	MILLING		39.0				1999	32		853	1	
8.0	RUBBLIZE		39.0				1999	190		853	1	
	RUBBLIZE		42.0				1999			853	1	
12.0	SUBCUT AREAS		44.0				1999	103		853	1	
	EDGE DRAIN		43.0				1999	31		853	1	
12.0	AGGREGATE BASE		44.0			05	1999	193		853	1	
15.0	JOINT SPACE 15 FOOT		39.0		AE	S3	1999	827	20	853	1	
	CURB & GUTTER FACE-FACE		42.0		AE	S3	1999	121		853	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB													
6	81	N		191.000	0.2780	191.000	0.5770	0.2990	12.5	24.0	12.5	9.0	12.0	52.0	49.0	235	2453 2021	202	76	35			CONCR	CRCP	USC	1	1948	1948	1948	RUBBLIZE													
GRAFTON-7TH ST TO 3RD ST																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	

AGGREGATE BASE COARSE WAS CL5 AND SALVAGED BASE COARSE MIX. EXISTING HOT. BIT. PAVE. WAS REMOVED. CURB AND GUTTER AND PCC PAVEMENT WERE RE MOVED.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT DC	AVG NUM (2023) LJS	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) TCS	AVG NUM (2023) BP	AVG NUM (2023) CP	AVG NUM (2023) BU
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		52.0				1948					
	CONT - REINF PCC		49.0				1948	20				
8.0	RUBBLIZE		49.0				1999			853	1	
	RUBBLIZE		52.0				1999			853	1	
12.0	SUBCUT AREAS		54.0				1999	63		853	1	
	EDGE DRAIN		53.0				1999	31		853	1	
12.0	AGGREGATE BASE		54.0			05	1999	193		853	1	
15.0	JOINT SPACE 15 FOOT		49.0		AE	S3	1999	827	20	853	1	
	CURB & GUTTER FACE-FACE DOWELED		52.0		AE	S3	1999	121		853	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
6	81	N		191.000	0.5770	191.000	0.7900	0.2130	7.5	24.0	7.5	9.0	12.0	42.0	39.0	200	1795 2021	202	54	35			CONCR	CRCP	USC	1	1970	1970	1970	RUBBLIZE																			
GRAFTON-3RD ST TO BRIDGE																	2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
AGGREGATE BASE COARSE WAS CL5 AND SALVAGED BASE COARSE MIX. HOT. BIT PAVEMENT WAS REMOVED. CURB AND GUTTER WAS REMOVED.																	EXISTING	2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) LJS	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) TCS	AVG NUM (2023) BP	AVG NUM (2023) CP	AVG NUM (2023) BU
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		CURB & GUTTER FACE-FACE		42.0				1970					
	3.0	HOT BIT PAVEMENT		45.0		85-100		1970		20			
		CONTRACT CHIP SEAL		45.0		RC-800		1970					
	-3.0	MILLING		45.0				1999	22		853	1	
		RUBBLIZE		42.0				1999			853	1	
	12.0	SUBCUT AREAS		45.0				1999	71		853	1	
		EDGE DRAIN		44.0				1999	21		853	1	
	12.0	AGGREGATE BASE		45.0			05	1999	193		853	1	
	15.0	JOINT SPACE 15 FOOT		39.0		AE	S3	1999	827	20	853	1	
		CURB & GUTTER FACE-FACE		42.0		AE	S3	1999	121		853	1	
		DOWELED						1999					

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D	Hwy	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	N		191.000	0.7900	191.000	0.9807	0.1907	7.5	24.0	7.5	6.5		42.0	39.0	195	1692 2021	192	25	17		FLEX	ASPHT	USC	1	1999	2020	2020	RAP-FAA 45				
BRIDGE TO CITY LIMITS																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		42.0				1970					
3.0	HOT BIT PAVEMENT		45.0		85-100		1970		20			
	CONTRACT CHIP SEAL		45.0		RC-800		1970					
-6.0	MILLING		39.0				1999	32		853		1
4.3	HOT BIT PAVEMENT		39.0		PG 58-28	31	1999	34	20	853		1
2.2	HOT BIT PAVEMENT		39.0		PG 52-34	31	1999	37	20	853		1
-2.0	MILLING		39.0				2020			22594		1
2.0	RAP-SUPERPAVE FAA 45		43.0		PG 58S28	SP	2020	61	7	22594		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
6	81	N		191.000	0.9807	192.000	0.4135	0.4283	8.0	24.0	8.0	11.0	6.0	53.0	40.0	185	1479 2021	120	25	17		FLEX	ASPHT	USC	1	1999	2020	2020	RAP-FAA 45					
GRAFTON N TO NORTH URBAN LIMITS																		2014	DIST 80	RIDE 3.18	PRPI	FAIR	IRI 98											
																		2015	DIST 80	RIDE 3.42	PRPI	GOOD	IRI 87											
																		2016	DIST 86	RIDE 2.94	PRPI	FAIR	IRI 110											
																		2017	DIST 80	RIDE 3.20	PRPI	FAIR	IRI 97											
																		2018	DIST 84	RIDE 2.47	PRPI	POOR	IRI 134											
																		2019	DIST 87	RIDE 2.97	PRPI	GOOD	IRI 108											
																		2020	DIST 82	RIDE 3.16	PRPI	GOOD	IRI 99											
																		2021	DIST 98	RIDE 3.88	PRPI	GOOD	IRI 67											
																		2022	DIST 91	RIDE 3.82	PRPI	GOOD	IRI 69											
																		2023	DIST 91	RIDE 3.77	PRPI	GOOD	IRI 71											

2008 - PCN SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE RIDE, DISTRESS & RUT						
								BLD	LC	TC	BC	RW	BP	RT
192	3.77	91	0.08	71.00	GOOD	N/A	N/A	3	0	3	2	0	0	0
AVG	3.77	91	0.08	71.00	GOOD	N/A	N/A	3	0	3	2	0	0	0

16 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0 STABILIZED BASE		36.0				1940					
1.5 COLD BITUMINOUS PAVEMENT		32.0				1944					
1.5 HOT BIT PAVEMENT		22.0		MC-3		1944	20				
2.0 HOT BIT PAVEMENT		32.0		150-200		1958					
2.0 HOT BIT PAVEMENT		24.0		120-150		1958	13	20			
2.0 HOT BIT PAVEMENT		24.0		200-300		1975	16	20			
2.0 HOT BIT PAVEMENT	1.5		1.5	200-300		1975					
RECLAMITE						1977					
CONTRACT CHIP SEAL		24.0		MC-3000		1989	4				
INT CONT PATCH-1.5"		24.0		120-150		1993	8				
16.0 AGGREGATE BASE	9.5		9.5		05	1999	37		853		1
2.0 HOT BIT PAVEMENT	8.0	24.0	8.0	PG 58-28	31	1999	16	20	853		1
2.0 HOT BIT PAVEMENT	8.0	24.0	8.0	PG 58-34	31	1999	38	20	853		1
SLURRY SEAL		24.0			SS	2008	12		17244		1
-2.0 MILLING		43.0				2020			22594		1
2.0 RAP-SUPERPAVE FAA 45		43.0		PG 58S28	SP	2020	132	7	22594		1

ENGLISH

D	Hwy	S	D	FROM REF	FROM PT	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	81	N		192.000	0.4135	196.000	0.0000	3.5815		8.0	24.0	8.0	11.5	6.0	70.0	40.0	150	1472 2021	102	19	16		FLEX	ASPHT	RSC	1	2005	2021	2021	RAP-FAA 45
				NORTH URBAN LIMITS TO RPT 196.000				PCN 12201 WIDENED SHOULDERS AND PLACED CLASS 5 AGGREGATE ON WIDENED PART OF SHOULDER ALSO INSTALLED RIGHT AND LEFT TURN LANES. 2008 - PCN 17244 SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.																						
				2014 DIST 85 RIDE 3.45 PRPI GOOD IRI 86 2015 DIST 90 RIDE 3.74 PRPI GOOD IRI 72 2016 DIST 85 RIDE 3.19 PRPI GOOD IRI 97 2017 DIST 85 RIDE 3.46 PRPI GOOD IRI 85 2018 DIST 84 RIDE 2.84 PRPI GOOD IRI 115 2019 DIST 83 RIDE 3.39 PRPI GOOD IRI 88 2020 DIST 76 RIDE 3.00 PRPI GOOD IRI 106 2021 DIST 99 RIDE 4.35 PRPI GOOD IRI 45 2022 DIST 97 RIDE 4.25 PRPI GOOD IRI 50 2023 DIST 96 RIDE 4.28 PRPI GOOD IRI 48																										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP
193	4.21	97	0.07	51.00	GOOD	N/A	N/A	0	0	2	0	0
194	4.32	94	0.07	47.00	GOOD	N/A	N/A	3	0	2	0	0
195	4.30	97	0.09	47.00	GOOD	N/A	N/A	0	0	2	0	0
AVG	4.28	96	0.08	48.33	GOOD	N/A	N/A	1	0	2	0	0

14 OCCURS	DPH	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1940					
		6.0 STABILIZED BASE		32.0				1944					
		1.5 COLD BITUMINOUS PAVEMENT		22.0		MC-3		1944		20			
		1.5 HOT BIT PAVEMENT		32.0		150-200		1958					
		2.0 HOT BIT PAVEMENT		24.0		120-150		1958	96	20			
		2.0 HOT BIT PAVEMENT		24.0		200-300		1975	122	20			
		2.0 HOT BIT PAVEMENT	1.5		1.5	200-300		1975					
		RECLAMITE						1977	3				
		CONTRACT CHIP SEAL		24.0		MC-3000		1989	27				
		INT CONT PATCH-1.5"		24.0		120-150		1993	64				
		3.5 HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-28	SP	2005	932	20	12590	1	
		SLURRY SEAL		24.0			SS	2008	99		17244	1	
		-1.0 MILLING	3.0	24.0	3.0			2021			22595	1	
		2.0 RAP-SUPERPAVE FAA 45	3.0	24.0	3.0	PG 58S28	SP	2021	3469	7	22595	1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	81	N		196.000	0.0000	200.000	0.2680	4.2601	6.0	24.0	6.0	13.0	6.0	56.6	36.0	123	1109 2023	82	19	16			FLEX	ASPHT	RSC	1	2005	2021	2021	RAP-FAA 45
RPT 196.000 N TO COUNTY LINE																		2014	DIST	90	RIDE	3.89	PRPI	GOOD	IRI	65				
																		2015	DIST	91	RIDE	3.94	PRPI	GOOD	IRI	64				
																		2016	DIST	84	RIDE	3.70	PRPI	GOOD	IRI	74				
																		2017	DIST	88	RIDE	3.80	PRPI	GOOD	IRI	70				
																		2018	DIST	88	RIDE	3.41	PRPI	GOOD	IRI	88				
																		2019	DIST	82	RIDE	3.80	PRPI	GOOD	IRI	70				
																		2020	DIST	79	RIDE	3.61	PRPI	GOOD	IRI	78				
																		2021	DIST	99	RIDE	4.48	PRPI	GOOD	IRI	39				
																		2022	DIST	97	RIDE	4.33	PRPI	GOOD	IRI	46				
																		2023	DIST	92	RIDE	4.42	PRPI	GOOD	IRI	42				

PCN 12201 WIDENED SHOULDERS AND PLACED CLASS 5 AGGREGATE ON WIDENED PART OF SHOULDER ALSO INSTALLED RIGHT AND LEFT TURN LANES.  
2008 - PCN 17244 SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	BC	RT	
196	4.34	93	0.10	46.00	GOOD	N/A	N/A	0	0	4	2	0	0
197	4.42	93	0.09	43.00	GOOD	N/A	N/A	3	0	1	2	0	0
198	4.46	90	0.10	41.00	GOOD	N/A	N/A	3	0	4	2	0	0
199	4.41	91	0.09	43.00	GOOD	N/A	N/A	3	0	3	2	0	0
200	4.45	92	0.08	41.00	GOOD	N/A	N/A	3	0	2	2	0	0
AVG	4.42	92	0.09	42.80	GOOD	N/A	N/A	2	0	3	2	0	0

14 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1940					
		6.0 STABILIZED BASE		32.0				1944					
		1.5 COLD BITUMINOUS PAVEMENT		22.0		MC-3		1944		20			
		1.5 HOT BIT PAVEMENT		32.0		150-200		1958					
		2.0 HOT BIT PAVEMENT		24.0		120-150		1958		114	20		
		2.0 HOT BIT PAVEMENT		24.0		200-300		1975		146	20		
		2.0 HOT BIT PAVEMENT	1.5		1.5	200-300		1975					
		RECLAMITE						1977		3			
		CONTRACT CHIP SEAL		24.0		MC-3000		1989		32			
		INT CONT PATCH-1.5"		24.0		120-150		1993		76			
		5.0 HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-28	SP	2005	1108	20	12590	1	
		SLURRY SEAL		24.0			SS	2008	117		17244	1	
		-1.0 MILLING		3.0	24.0	3.0		2021			22595	1	
		2.0 RAP-SUPERPAVE FAA 45		3.0	24.0	3.0	PG 58S28	SP	2021	4128	7	22595	1

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	81	N		200.000	0.2680	202.271	0.6210	2.6307	6.0	24.0	6.0	13.0	6.0	56.6	36.0	172	1142 2023	82	19	16		FLEX	ASPHT	RSC	1	2005	2021	2021	RAP-FAA 45																				
CO LN N TO TRUCK INSPECTION SITE																		2014	DIST	90	RIDE	3.93	PRPI	GOOD	IRI	64																							
																		2015	DIST	88	RIDE	3.90	PRPI	GOOD	IRI	65																							
																		2016	DIST	82	RIDE	3.75	PRPI	GOOD	IRI	72																							
																		2017	DIST	82	RIDE	3.72	PRPI	GOOD	IRI	74																							
																		2018	DIST	88	RIDE	3.51	PRPI	GOOD	IRI	83																							
																		2019	DIST	78	RIDE	3.74	PRPI	GOOD	IRI	72																							
																		2020	DIST	79	RIDE	3.61	PRPI	GOOD	IRI	78																							
																		2021	DIST	99	RIDE	4.38	PRPI	GOOD	IRI	44																							
																		2022	DIST	97	RIDE	4.28	PRPI	GOOD	IRI	48																							
																		2023	DIST	87	RIDE	4.29	PRPI	GOOD	IRI	48																							

PCN 12201 WIDENED SHOULDERS AND PLACED CLASS 5 AGGREGATE ON WIDENED PART OF SHOULDER ALSO INSTALLED RIGHT AND LEFT TURN LANES.  
 2008 - PCN 17244 SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
201	4.45	87	0.09	41.00	GOOD	N/A	N/A	6	0	3	3	0	0	0
202	4.13	87	0.10	55.00	GOOD	N/A	N/A	6	0	3	3	0	0	0
AVG	4.29	87	0.10	48.00	GOOD	N/A	N/A	6	0	3	3	0	0	0

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1947	23				
	2.5 AGGREGATE BASE		26.0				1947	22				
	5.0 AGGREGATE BASE		33.0				1948					
	2.0 STABILIZED BASE		32.0				1948					
	2.0 HOT BIT PAVEMENT		22.0		120-150		1948	98	20			
	2.0 HOT BIT PAVEMENT		24.0		200-300		1975	88	20			
	2.5 HOT BIT PAVEMENT	1.5		1.5	200-300		1975					
	RECLAMITE						1977	2				
	CONTRACT CHIP SEAL		24.0		MC-3000		1989	19				
	INT CONT PATCH-1.5"		24.0		120-150		1993	7				
	5.0 HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-28	SP	2005	684	20	12590	1	
	SLURRY SEAL		24.0			SS	2008	73		17244	1	
	-1.0 MILLING	3.0	24.0	3.0			2021			22595	1	
	2.0 RAP-SUPERPAVE FAA 45	3.0	24.0	3.0	PG 58S28	SP	2021	2549	7	22595	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	81	N		202.271	0.6210	204.273	0.1800	1.5610	6.0	24.0	6.0	8.0	14.0	56.7	36.0	319	1294 2023	204	19	16		FLEX	ASPHT	RSC	1	2005	2021	2021	RAP-FAA 45																				
TRUCK INSPECT TO N JCT 66 ST THOMAS																		2014	DIST	81	RIDE	3.60	PRPI	GOOD	IRI	78																							
																		2015	DIST	82	RIDE	3.80	PRPI	GOOD	IRI	70																							
																		2016	DIST	80	RIDE	3.66	PRPI	GOOD	IRI	76																							
																		2017	DIST	84	RIDE	4.06	PRPI	GOOD	IRI	58																							
																		2018	DIST	83	RIDE	3.25	PRPI	GOOD	IRI	95																							
																		2019	DIST	74	RIDE	4.00	PRPI	GOOD	IRI	61																							
																		2020	DIST	70	RIDE	3.39	PRPI	GOOD	IRI	88																							
																		2021	DIST	95	RIDE	4.15	PRPI	GOOD	IRI	54																							
																		2022	DIST	93	RIDE	3.85	PRPI	GOOD	IRI	68																							
																		2023	DIST	91	RIDE	4.05	PRPI	GOOD	IRI	59																							

PCN 12201 WIDENED SHOULDERS AND PLACED CLASS 5 AGGREGATE ON WIDENED PART OF SHOULDER ALSO INSTALLED RIGHT AND LEFT TURN LANES.  
2008 - PCN 17244 SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
203	4.34	91	0.10	46.00	GOOD	N/A	N/A	3	0	3	2	0	0	0
204	3.76	90	0.10	72.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
AVG	4.05	91	0.10	59.00	GOOD	N/A	N/A	3	0	3	3	0	0	0

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	COST YEAR	DSN THOUS LFE	PCN	SUB	H
	GRADE		36.0				1947	14			
	2.5 AGGREGATE BASE		26.0				1947	13			
	5.0 AGGREGATE BASE		33.0				1948				
	2.0 STABILIZED BASE		32.0				1948				
	2.0 HOT BIT PAVEMENT		22.0		120-150		1948	58	20		
	2.0 HOT BIT PAVEMENT		24.0		200-300		1975	52	20		
	2.5 HOT BIT PAVEMENT	1.5		1.5	200-300		1975				
	RECLAMITE						1977	1			
	CONTRACT CHIP SEAL		24.0		MC-3000		1989	11			
	INT CONT PATCH-1.5"		24.0		120-150		1993	4			
14.0	BLENDED BASE		36.0				2005		12590	1	
5.0	HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-28	SP	2005	406	20	12590	1
2.0	HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-34	SP	2005	7	12590	1	
	SLURRY SEAL		24.0			SS	2008	43	17244	1	
-1.0	MILLING		3.0	24.0	3.0		2021		22595	1	
2.0	RAP-SUPERPAVE FAA 45	3.0	24.0	3.0	PG 58S28	SP	2021	1512	7	22595	1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	81	N		204.273	0.1800	206.414	0.8100	3.3563		7.5	24.0	7.5	6.5	18.0	56.7	39.0	142	571	116	16	16	2019	FLEX	ASPHT	RSC	1	2008	2016	2016	F CHIP SEAL
N JCT 66 TO NORTH OF ST THOMAS																			2014	DIST	88	RIDE	3.76	PRPI	GOOD	IRI	66			
2007 - PCN 13132 REPLACED THE CULVERTS AND WIDENED THE ROADWAY AND ADD GRAVEL SHOULDERS.																			2015	DIST	89	RIDE	3.71	PRPI	GOOD	IRI	66			
																			2016	DIST	95	RIDE	4.30	PRPI	GOOD	IRI	47			
																			2017	DIST	92	RIDE	4.23	PRPI	GOOD	IRI	51			
																			2018	DIST	91	RIDE	4.11	PRPI	GOOD	IRI	56			
																			2019	DIST	91	RIDE	4.08	PRPI	GOOD	IRI	57			
																			2020	DIST	91	RIDE	3.94	PRPI	GOOD	IRI	64			
																			2021	DIST	91	RIDE	3.93	PRPI	GOOD	IRI	64			
																			2022	DIST	92	RIDE	3.54	PRPI	GOOD	IRI	82			
																			2023	DIST	89	RIDE	3.66	PRPI	GOOD	IRI	76			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
205	3.59	88	0.11	80.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0
206	3.73	89	0.09	73.00	GOOD	N/A	N/A	3	0	2	5	0	0	0	0
AVG	3.66	89	0.10	76.50	GOOD	N/A	N/A	3	0	3	5	0	0	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1947	23				
	GRADE	10.4		10.4			2007			13132	1	
5.0	AGGREGATE BASE	10.4		10.4		05	2007	746		13132	1	
18.0	BLENDED BASE		30.0				2008			13133	1	
1.5	HBP-SUPERPAVE-FAA 45		28.0		PG 58-28	SP	2008	786	20	13133	1	
2.0	HBP-SUPERPAVE-FAA 45		28.0		PG 58-34	SP	2008			13133	1	
2.0	AGGREGATE BASE	5.5		5.5		04	2008			13133	1	
	SLURRY SEAL		24.0			SS	2011	84		17838	1	
3.0	HBP-SUPERPAVE-FAA 45		28.0		PG 58-28	SP	2016	413	10	21130	1	
3.0	AGGREGATE BASE	5.5		5.5		04	2016			21130	1	
	FEDERAL AID CHIP SEAL		28.0		CRS2P	11	2019	77		22413	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	81	N		206.414	0.8100	218.530	0.0000	10.7216	7.5	24.0	7.5	6.7	18.0	56.7	39.0	113	403 2021	101	16	16	2021	FLEX	ASPHT	RSC	1	2008	2018	2018	F CHIP SEAL
N OF ST THOMAS TO JCT 5 HAMILTON																			2014	DIST	89	RIDE	3.80	PRPI	GOOD	IRI	70		
2007 - PCN 13132 REPLACED THE CULVERTS AND WIDENED THE ROADWAY AND ADD GRAVEL SHOULDERS.																			2015	DIST	86	RIDE	3.88	PRPI	GOOD	IRI	66		
																			2016	DIST	82	RIDE	3.17	PRPI	GOOD	IRI	99		
																			2017	DIST	82	RIDE	3.43	PRPI	GOOD	IRI	87		
																			2018	DIST	98	RIDE	4.43	PRPI	GOOD	IRI	41		
																			2019	DIST	97	RIDE	4.51	PRPI	GOOD	IRI	38		
																			2020	DIST	96	RIDE	4.46	PRPI	GOOD	IRI	40		
																			2021	DIST	95	RIDE	4.36	PRPI	GOOD	IRI	45		
																			2022	DIST	95	RIDE	4.23	PRPI	GOOD	IRI	51		
																			2023	DIST	94	RIDE	4.21	PRPI	GOOD	IRI	51		

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT													
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT										
207	4.25	97	0.07	50.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0
208	4.27	97	0.06	49.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0	0	0
209	4.32	95	0.07	47.00	GOOD	N/A	N/A	3	0	0	1	0	0	0	0	0	0	0	0
210	4.35	96	0.08	45.00	GOOD	N/A	N/A	0	0	1	2	0	0	0	0	0	0	0	0
211	4.16	95	0.08	54.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0	0	0	0
212	4.33	95	0.08	46.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0	0	0	0
213	4.29	95	0.07	48.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0	0	0	0
214	4.29	95	0.07	48.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0	0	0	0
215	4.22	94	0.08	51.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0	0	0	0	0
216	4.19	91	0.08	53.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0	0	0	0	0
217	4.28	94	0.09	49.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0	0	0	0	0
218	3.53	88	0.16	82.00	GOOD	N/A	N/A	3	0	3	5	0	0	0	0	0	0	0	0
AVG	4.21	94	0.08	51.83	GOOD	N/A	N/A	1	0	1	3	0	0	0	0	0	0	0	0

13 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)											
GRADE		36.0				1947	102				
GRADE	10.4		10.4			2007			13132	1	
5.0 AGGREGATE BASE	10.4		10.4		05	2007	3380		13132	1	
18.0 BLENDED BASE		30.0				2008			13133	1	
1.5 HBP-SUPERPAVE-FAA 45		28.0		PG 58-28	SP	2008	3562	20	13133	1	
2.0 HBP-SUPERPAVE-FAA 45		28.0		PG 58-34	SP	2008			13133	1	
2.0 AGGREGATE BASE	5.5		5.5		04	2008			13133	1	
SLURRY SEAL		24.0			SS	2011	379		17838	1	
-.8 MICROMILL		28.2				2018	1838		21957	1	
UNDERSEAL		28.2		CRS2P	41	2018			21957	1	
3.0 HBP-SUPERPAVE-FAA 45		28.0		PG 58-28	SP	2018		10	21957	1	
3.0 AGGREGATE BASE	5.5		5.5		04	2018			21957	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	11	2021	314		23084	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	81	N		218.530	0.0000	228.353	0.0000	9.8212	2.0	24.0	2.0	6.5	10.0	36.0	30.0	130	823 2021	114	71	21	2015	FLEX	ASPHT	RSC	1	1953	1983	2013	F CHIP SEAL
JCT 5 HAMILTON E TO I-29																		2014	DIST	84	RIDE	4.39	PRPI	GOOD	IRI	43			
																		2015	DIST	84	RIDE	4.28	PRPI	GOOD	IRI	48			
																		2016	DIST	83	RIDE	4.03	PRPI	GOOD	IRI	59			
																		2017	DIST	82	RIDE	3.88	PRPI	GOOD	IRI	66			
																		2018	DIST	91	RIDE	3.66	PRPI	GOOD	IRI	76			
																		2019	DIST	90	RIDE	3.73	PRPI	GOOD	IRI	73			
																		2020	DIST	90	RIDE	3.68	PRPI	GOOD	IRI	75			
																		2021	DIST	89	RIDE	3.41	PRPI	GOOD	IRI	88			
																		2022	DIST	89	RIDE	3.44	PRPI	GOOD	IRI	86			
																		2023	DIST	89	RIDE	3.20	PRPI	GOOD	IRI	98			

2006 PCN 16179 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2015 PCN 20918 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RT, TC	RUT, BC	RT, BP	RT, RT	
219	3.79	87	0.15	70.00	GOOD	N/A	N/A	3	0	2	5	0	0	2	0
220	3.20	88	0.18	98.00	FAIR	N/A	N/A	6	0	1	4	0	0	0	0
221	3.37	87	0.14	89.00	GOOD	N/A	N/A	6	0	2	4	0	0	0	0
222	3.02	91	0.15	107.00	POOR	N/A	N/A	3	0	2	3	0	0	0	0
223	3.25	91	0.17	96.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0
224	3.27	90	0.18	95.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0
225	3.21	89	0.16	97.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0
226	3.18	90	0.17	99.00	POOR	N/A	N/A	3	0	2	4	0	0	0	0
227	3.23	90	0.13	97.00	POOR	N/A	N/A	3	0	3	3	0	0	0	0
228	2.47	86	0.16	134.00	POOR	N/A	N/A	3	0	4	4	0	0	2	0
AVG	3.20	89	0.16	98.20	GOOD	N/A	N/A	4	0	2	4	0	0	0	0

11 OCCURS	DEPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1951	146				
	5.0	AGGREGATE BASE		36.0				1951	52				
	5.0	AGGREGATE BASE		34.0				1953					
	2.0	HOT BIT PAVEMENT		32.0		150-200		1953		20			
	3.0	RECYCLED HOT BIT PAVMNT		27.0		120-150		1983	637	14			
		CONTRACT CHIP SEAL		27.0		HFMS-2		1993	81				
	1.5	HOT BIT SPECIAL 408		27.0		PG 58-28	27	2002	490		14769	1	
		FEDERAL AID CHIP SEAL		27.0		HFMS-2	43	2006	146		16179	1	
	-1.5	MILLING		28.0				2013			20168	1	
	1.5	HBP-SUPERPAVE-FAA 43	3.0	24.0	3.0	PG 58-28	SP	2013	3015	10	20168	1	
		FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2015	312		20918	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
6	81	B	N	940.000	0.0000	940.000	0.2418	0.2418		24.0		8.0	12.0	30.0	24.0	200	8330 2021	70	47	47		CONCR	JOINT	UIC	3	1977	1977	1977	PCC	JOINTED						
I-29 TO WEST OF 38TH STREET SOUTH																		2014	DIST	88	RIDE	2.97	PRPI	POOR	IRI	108										
																		2015	DIST	80	RIDE	3.12	PRPI	FAIR	IRI	102										
																		2016	DIST	78	RIDE	2.74	PRPI	POOR	IRI	120										
																		2017	DIST	84	RIDE	2.76	PRPI	POOR	IRI	119										
																		2018	DIST	80	RIDE	2.76	PRPI	POOR	IRI	119										
																		2019	DIST	86	RIDE	2.80	PRPI	POOR	IRI	117										
																		2020	DIST	84	RIDE	2.78	PRPI	POOR	IRI	118										
																		2021	DIST	87	RIDE	2.41	PRPI	POOR	IRI	137										
																		2022	DIST	82	RIDE	2.72	PRPI	POOR	IRI	121										
																		2023	DIST	82	RIDE	2.45	PRPI	POOR	IRI	135										

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD  
CONDITION.  
PCN 14246 - YR 2003-RECONSTRUCTION DONE AT CORNERS (GRADING,SURFACING)

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT	LJS	LC	TC	TJS	FLT	BS	BP	CP
940	2.45	82	N/A	135.00	POOR	0.10	78	0	0	0	2	3	3	7	0	1	1
AVG	2.45	82	N/A	135.00	POOR	0.10	78	0	0	0	2	3	3	7	0	1	1

6 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSBL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		40.0				1977	172				
		CURB & GUTTER FACE-FACE		27.0				1977					
	12.0	LIME TREATED SUBGRADE		30.0				1977					
	8.0	NON-REINF PCC		24.0				1977		20			
		MUNICIPAL ITEMS						1977	6				
		C-C VARIABLE WIDTH		49.0				1977					

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
6	81	B	N	940.000	0.2418	940.000	0.3575	0.1157		24.0		10.0	12.0	50.0	24.0	202	8472 2021	70	47	47			CONCR	JOINT	UIC	3	1977	1977	1977	CPR/GRINDING						
WEST OF 38TH TO 38TH STREET SOUTH																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD  
CONDITION.  
PCN 14246 - YR 2003-RECONSTRUCTION DONE AT CORNERS (GRADING,SURFACING)

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVG NUM (2023) LJS	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) TJS	AVG NUM (2023) FLT	AVG NUM (2023) BS	AVG NUM (2023) BP	AVG NUM (2023) CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		50.0				1977	82				
CURB & GUTTER FACE-FACE		27.0				1977					
8.0 BLENDED BASE		30.0				1977					
4.0 PERM CEMENT STAB BASE		30.0				1977					
10.0 NON-REINF PCC		24.0				1977	20				
C-C VARIABLE WIDTH		49.0				1977					
CONCRETE PAVEMENT REPAIR		24.0				2013		18756			1
GRINDING		26.0				2013		18756			1



ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LT23 CONS	LTST REHAB				
6	81	B	N	940.000	0.3575	940.000	0.7802	0.4227		24.0		10.0	12.0	30.0	24.0	225	9861 2021	80	47	14		COMPO	AOPJC	UIC	3	1977	2013	2023	HBP-SUPERPAV				
38TH STREET S TO EAST OF 31ST ST																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD  
CONDITION.  
PCN 14246 - YR 2003-RECONSTRUCTION DONE AT CORNERS (GRADING,SURFACING)

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1977	301				
	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC		24.0				1977		20			
	MUNICIPAL ITEMS						1977	10				
	C-C VARIABLE WIDTH		49.0				1977					
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG 64-34	SP	2013		10	18756		1
	MICROSURFACING		24.0			MC	2013			18756		1
-2.0	MILLING		24.0				2023			23349		1
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG58E-34	SP	2023	461	7	23349		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
6	81	B	N	940.000	0.7802	940.000	0.8477	0.0675		24.0		8.0	12.0	30.0	24.0	235	10465 2021	80	47	47			CONCR	JOINT	UIC	3	1977	1977	1977	GRINDING														
31ST STREET SOUTH																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD  
CONDITION.  
PCN 14246 - YR 2003-RECONSTRUCTION DONE AT CORNERS (GRADING,SURFACING)

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVG NUM (2023) LJS	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) TJS	AVG NUM (2023) FLT	AVG NUM (2023) BS	AVG NUM (2023) BP	AVG NUM (2023) CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1977	48				
	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC MUNICIPAL ITEMS		24.0				1977		20			
	C-C VARIABLE WIDTH		49.0				1977					
	CPR/DOWEL BAR RETROFIT		24.0			S3	2013		18756			1
	GRINDING		26.0				2013		18756			1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
6	81	B	N	940.000	0.8477	941.000	0.2686	0.5237		24.0		9.0	30.0	50.0	24.0	230	10182 2021	71	47	47		CONCR	JOINT	UIC	3	1977	1977	1977	CPR/GRINDING															
EAST OF 31ST ST TO EAST OF 25TH ST																			2014	DIST	84	RIDE	2.79	PRPI	POOR	IRI	117																	
																			2015	DIST	78	RIDE	2.79	PRPI	POOR	IRI	118																	
																			2016	DIST	84	RIDE	2.51	PRPI	POOR	IRI	132																	
																			2017	DIST	83	RIDE	2.70	PRPI	POOR	IRI	122																	
																			2018	DIST	77	RIDE	2.62	PRPI	POOR	IRI	126																	
																			2019	DIST	89	RIDE	2.55	PRPI	POOR	IRI	130																	
																			2020	DIST	83	RIDE	2.56	PRPI	POOR	IRI	130																	
																			2021	DIST	86	RIDE	2.54	PRPI	POOR	IRI	130																	
																			2022	DIST	86	RIDE	2.49	PRPI	POOR	IRI	133																	
																			2023	DIST	87	RIDE	2.49	PRPI	POOR	IRI	133																	

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD CONDITION.  
PCN 14246 - YR 2003-RECONSTRUCTION DONE AT CORNERS (GRADING,SURFACING)

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT	LJS	LC	TC	TJS	FLT	BS	BP	CP
941	2.49	87	N/A	133.00	POOR	0.12	33	0	0	0	3	3	1	3	0	1	1
AVG	2.49	87	N/A	133.00	POOR	0.12	33	0	0	0	3	3	1	3	0	1	1

8 OCCURS	DPH	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE	50.0					1977	373				
		CURB & GUTTER FACE-FACE	27.0					1977					
	18.0	AGGREGATE BASE	30.0				05	1977					
	12.0	AGGREGATE BASE	30.0				03	1977					
	9.0	NON-REINF PCC	24.0					1977	20				
		C-C VARIABLE WIDTH	49.0					1977					
		CONCRETE PAVEMENT REPAIR	24.0					2013		18756		1	
		GRINDING	26.0					2013		18756		1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
6	81	B	N	941.000	0.2686	941.000	0.8323	0.5637		24.0		10.0	12.0	30.0	24.0	227	9961 2021	71	47	14			COMPO	AOPJC	UIC	3	1977	2013	2023	HBP-SUPERPAV			
EAST OF 25TH ST TO EAST OF 17TH ST																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

THIS SECTION IS IN GENERALLY GOOD CONDITION.  
1999-PCN12382-PROJECT INVOLVES BOTH SIDES 81.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1977	198				
	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC		24.0				1977		20			
	MUNICIPAL ITEMS						1977	7				
	LANDSCAPING						1999	18		12382		1
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG 64-34	SP	2013		10	18756		1
	MICROSURFACING		24.0			MC	2013			18756		1
-2.0	MILLING		24.0				2023			23349		1
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG58E-34	SP	2023	332	7	23349		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	N	941.000	0.8323	941.000	0.9900	0.1577		24.0		8.0	12.0	30.0	24.0	236	10485 2021	71	47	47			CONCR	JOINT	UIC	3	1977	1977	1977	CPR/GRINDING			
EAST OF 17TH ST TO SOUTH WASHINGTON																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

THIS SECTION IS IN GENERALLY GOOD CONDITION.  
 1999-PCN12382-PROJECT INVOLVES BOTH SIDES 81.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT DC	AVG NUM (2023) CB	AVERAGE RIDE LJS	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE TJS	DISTRESS FLT	DISTRESS BS	DISTRESS BP	DISTRESS CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	GRADE		30.0				1977	56				
12.0	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC		24.0				1977		20			
	MUNICIPAL ITEMS						1977	2				
	LANDSCAPING						1999	5		12382		1
	CONCRETE PAVEMENT REPAIR		24.0				2013			18756		1
	GRINDING		26.0				2013			18756		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	N	941.000	0.9900	942.000	0.3498	0.3719		24.0		8.0	8.0	30.0	24.0	243	10847 2021	85	26	20		CONCR	JOINT	UIC	2	1998	2014	2014	CPR/GRINDING				
GF-S WASH ST(32ND AVE S-26TH AVE S)																		2014	DIST	84	RIDE	3.41	PRPI	GOOD	IRI	88							
																		2015	DIST	86	RIDE	3.27	PRPI	GOOD	IRI	95							
																		2016	DIST	83	RIDE	3.34	PRPI	GOOD	IRI	91							
																		2017	DIST	85	RIDE	3.44	PRPI	GOOD	IRI	87							
																		2018	DIST	80	RIDE	3.40	PRPI	GOOD	IRI	88							
																		2019	DIST	86	RIDE	3.41	PRPI	GOOD	IRI	88							
																		2020	DIST	84	RIDE	3.41	PRPI	GOOD	IRI	88							
																		2021	DIST	80	RIDE	3.45	PRPI	GOOD	IRI	86							
																		2022	DIST	86	RIDE	3.37	PRPI	GOOD	IRI	90							
																		2023	DIST	89	RIDE	3.30	PRPI	GOOD	IRI	93							

SOME SPALLING ON TRANSVERSE JOINTS. SCHEDULED FOR RECONSTRUCTION IN 1997.  
1998-PCN 70-PROJECT INVOLVES EAST FRONTAGE ROAD.  
2000-PCN 12382-PROJECT INVOLVES BOTH SIDES 81.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
942	3.30	89	N/A	93.00	GOOD	0.09	49	0	0	0	2	1	3	2	0	1	1
AVG	3.30	89	N/A	93.00	GOOD	0.09	49	0	0	0	2	1	3	2	0	1	1

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		30.0				1998	1870		70	1	
8.0	AGGREGATE BASE		30.0			05	1998			70	1	
8.0	NON-REINF PCC		24.0		AE	S3	1998		30	70	1	
	CURB & GUTTER FACE-FACE		28.0				1998			70	1	
	BIKEWAY/WALKWAY			14.0			1998			70	1	
	JOINT SPACE 16 FOOT						1998			70	1	
	DOWELED						1998			70	1	
	LANDSCAPING						2000	13		12382	1	
	CONCRETE PAVEMENT REPAIR		24.0				2014	494	10	20102	1	
	GRINDING		24.0				2014			20102	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
6	81	B	N	942.000	0.3498	943.000	0.2220	0.8504		24.0		9.0	9.0	30.0	24.0	240	12253 2021	92	60	20		CONCR	JOINT	UIC	2	1964	2014	2014	CPR/GRINDING							
GF-S WAST ST(26TH AVE S-HAMMERLING)																		2014	DIST	83	RIDE	2.51	PRPI	POOR	IRI	132										
																		2015	DIST	74	RIDE	2.48	PRPI	POOR	IRI	133										
																		2016	DIST	77	RIDE	2.24	PRPI	POOR	IRI	146										
																		2017	DIST	77	RIDE	2.49	PRPI	POOR	IRI	133										
																		2018	DIST	87	RIDE	3.28	PRPI	GOOD	IRI	94										
																		2019	DIST	90	RIDE	3.33	PRPI	GOOD	IRI	92										
																		2020	DIST	90	RIDE	3.36	PRPI	GOOD	IRI	90										
																		2021	DIST	90	RIDE	3.18	PRPI	GOOD	IRI	99										
																		2022	DIST	88	RIDE	3.18	PRPI	GOOD	IRI	98										
																		2023	DIST	91	RIDE	3.07	PRPI	GOOD	IRI	104										

SOME SPALLING ON TRANSVERSE JOINTS. SCHEDULED FOR RECONSTRUCTION IN 1997.  
2000-PCN12382-PROJECT INVOLVES BOTH SIDES 81.

REF PT	RIDE	DST	RUT (IN)	IRI	IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVERAGE RIDE LJS	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE TJS	DISTRESS FLT	DISTRESS BS	DISTRESS BP	DISTRESS CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVG NUM (2023) LJS	AVG NUM (2023) TJS	AVG NUM (2023) FLT	AVG NUM (2023) BS	AVG NUM (2023) CP	AVG NUM (2023) TCS	AVG NUM (2023) BU	AVG NUM (2023) PVMT TYPE	
943	3.07	91	0.14	104.00	GOOD	N/A	N/A	3	0	2	1	0	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COMPO

13 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		45.0				1964	56				
		3.0 SAND BASE		24.0				1964					
		6.0 LIME TREATED SUBGRADE		45.0				1964					
		7.0 AGGREGATE BASE	8.0		8.0			1964					
		9.0 NON-REINF PCC C-C 64 FEET		24.0				1964		20			
		2.0 BITUMINOUS BASE		7.5	7.5	120-150		1964					
		3.0 HOT BIT PAVEMENT		6.5	6.5	85-100		1964	186				
		CONTRACT CHIP SEAL		6.5	6.5	RC-3		1964					
		DISTRIC SAND SEAL		6.5	6.5	AE-150S		1979	2				
		LANDSCAPING						2000	31		12382	1	
		CONCRETE PAVEMENT REPAIR		24.0				2014	1167	10	20102	1	
		GRINDING		24.0				2014			20102	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	N	943.000	0.2220	943.000	0.7170	0.4950	6.0	24.0		11.5	3.0	33.0	30.0	181	13687 2021	92	22	19	2018	COMPO	AOPJC	UIC	2	2002	2018	2018	F	CHIP SEAL			
GF-S WASH ST (HAMMERLING-8TH AVE S)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
DIVIDED COMPONENTS BETWEEN NORTHBOUND AND SOUTHBOUND FOR PCN 14197																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

17 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0 AGGREGATE BASE		48.0				1952					
8.0 NON-REINF PCC		48.0				1952	20				
JOINT SPACE 20 FOOT						1952					
RESHAPED		63.0				1974					
CURB & GUTTER FACE-FACE		63.0				1974					
1.5 HOT BIT PAVEMENT		60.0		85-100		1974	20				
JOINT SPACE 20 FOOT						1974					
3.0 AGGREGATE BASE	7.5		7.5			1974					
-1.5 MILLING		60.0				1985					
2.0 HOT BIT PAVEMENT		60.0		85-100		1985	20				
-1.5 MILLING		30.0				2002		14197		1	
2.5 HOT BIT PAVEMENT		30.0		PG 52-28	33	2002	386	50	14197		1
FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2006	21		16395		1
-2.0 MILLING		30.0				2018	195		22210		1
2.0 HBP-SUPERPAVE-FAA 45		30.0		PG 58-28	SP	2018		7	22210		1
FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2018			22210		1



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	81	B	N	943.000	0.7170	943.000	0.8600	0.1430	5.5	22.0		11.5	3.0	29.5	27.5	177	13387 2021	87	22	19	2018	COMPO	AOPJC	UIC	2	2002	2018	2018	F	CHIP SEAL																			
GF-S WASH ST (8TH AVE S-DEMERS AVE)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
DIVIDED COMPONENTS BETWEEN NORTHBOUND AND SOUTHBOUND FOR PCN 14197																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RUT RIDE	IRI DST	AVG NUM (2023) FLT	AVERAGE RIDE BLD	DISTRESS LC	& RUT TC	RT BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE		48.0				1952					
8.0	NON-REINF PCC		48.0				1952		20			
	JOINT SPACE 20 FOOT						1952					
	RESHAPED		58.0				1974					
	CURB & GUTTER FACE-FACE		58.0				1974					
3.0	AGGREGATE BASE		5.0	5.0			1974					
1.5	HOT BIT PAVEMENT		7.5	7.5	85-100		1974					
	JOINT SPACE 20 FOOT						1974					
.5	PLANT MIX SEAL		55.0		85-100		1974	145				
-1.5	MILLING		55.0				1985					
2.0	HOT BIT PAVEMENT		55.0		85-100		1985	100	20			
-1.5	MILLING		33.5				2002			14197		1
2.5	HOT BIT PAVEMENT		33.5		PG 52-28	33	2002	386	50	14197		1
	FEDERAL AID CHIP SEAL		33.5		CRS2P	41	2006	6		16395		1
-2.0	MILLING		27.5				2018	56		22210		1
2.0	HBP-SUPERPAVE-FAA 45		27.5		PG 58-28	SP	2018		7	22210		1
	FEDERAL AID CHIP SEAL		27.5		CRS2P	41	2018			22210		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	N	943.000	0.8600	944.000	0.0470	0.1199	2.0	24.0	2.0	11.0	45.0	36.0	28.0	165	10610 2021	87	60	19	2018	COMPO	AOPJC	UIC	2	1964	2018	2018	F	CHIP SEAL			
GF-S WASH ST (DEMERS TO DYKE AVE)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

TRANSVERSE JOINT SPALLING. ALSO LONGITUDINAL CRACK SPALLING.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7	OCCURS											
6.0	CURB & GUTTER FACE-FACE		28.0				1964					
6.0	LIME TREATED SUBGRADE		33.0				1964					
39.0	AGGREGATE BASE		32.0				1964					
9.0	NON-REINF PCC		25.0				1964	20				
2.0	JOINT SPACE 20 FOOT						1964					
2.0	HBP-SUPERPAVE-FAA 45		28.0		PG 58-28	SP	2018	47	7	22210	1	
	FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2018			22210	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	N	944.000	0.0470	944.000	0.6300	0.5830	6.0	24.0		12.0	3.0	32.0	30.0	169	9758 2021	65	22	19	2018	COMPO	AOPJC	UIC	2	2002	2018	2018	F	CHIP SEAL			
GF-N WASH ST (DYKE TO .05MI S 8TH)																		2014	DIST	80	RIDE	2.16	PRPI	POOR	IRI	150							
DIVIDED COMPONENTS BETWEEN NORTHBOUND AND SOUTHBOUND FOR PCN 14197																		2015	DIST	83	RIDE	1.98	PRPI	POOR	IRI	161							
																		2016	DIST	77	RIDE	1.99	PRPI	POOR	IRI	161							
																		2017	DIST	80	RIDE	2.06	PRPI	POOR	IRI	156							
																		2018	DIST	87	RIDE	2.71	PRPI	POOR	IRI	122							
																		2019	DIST	88	RIDE	2.60	PRPI	POOR	IRI	127							
																		2020	DIST	88	RIDE	3.47	PRPI	GOOD	IRI	85							
																		2021	DIST	90	RIDE	3.50	PRPI	GOOD	IRI	83							
																		2022	DIST	89	RIDE	3.35	PRPI	GOOD	IRI	90							
																		2023	DIST	89	RIDE	3.42	PRPI	GOOD	IRI	88							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
944	3.42	89	0.13	88.00	GOOD	N/A	N/A	3	0	3	2	0	2	0
AVG	3.42	89	0.13	88.00	GOOD	N/A	N/A	3	0	3	2	0	2	0

20 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	NON-REINF PCC GRADE		30.0				1940					
6.0	JOINT SPACE 61.5 FOOT RESHAPED		30.0				1940	20				
3.0	AGGREGATE BASE	9.0		9.0			1952					
6.0	CEMENT TREATED BASE	9.0		9.0			1952					
2.5	HOT BIT PAVEMENT WIDENING		45.0		120-150		1952	110	20			
	CURB & GUTTER FACE-FACE		42.0				1970					
1.5	HOT BIT PAVEMENT		63.0				1970					
9.0	HOT BIT PAVEMENT CONTRACT CHIP SEAL	7.5	60.0		85-100		1970	284	20			
					85-100		1970					
-3.5	MILLING		60.0		RC-800		1970					
3.5	HOT BIT PAVEMENT		60.0		85-100		1985	300	20			
-2.5	MILLING		30.0				2002			14197		1
4.0	HOT BIT PAVEMENT FEDERAL AID CHIP SEAL		30.0		PG 52-28	33	2002	386	50	14197		1
			30.0		CRS2P	41	2006	24		16395		1
-2.0	MILLING		30.0				2018	229		22210		1
2.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL		30.0		PG 58-28	SP	2018		7	22210		1
			30.0		CRS2P	41	2018			22210		1

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	N	944.000	0.6300	944.000	0.6433	0.0133	6.0	24.0		9.0	18.0	33.0	30.0	134	6882 2021	65	23	14		CONCR	JOINT	UIC	2	2001	2020	2020	CPR_ONLY				
GF-N WASH ST (.05MI S 8TH TO 8TH AVE																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE LJS	DISTRESS LC	& RUT TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	18.0	BLENDED BASE		33.0				2001	66		12209	1	
	9.0	NON-REINF PCC	6.0	24.0		AE	S3	2001		30	12209	1	
		CURB & GUTTER CTRLN-FACE			32.0			2001			12209	1	
		BIKEWAY/WALKWAY		7.0				2001			12209	1	
		DOWELED						2001			12209	1	
		CONCRETE PAVEMENT REPAIR		24.0				2020	11	10	22180	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	81	B	N	944.000	0.6433	944.000	0.6849	0.0416		24.0		9.0	18.0	30.0	24.0	133	6812 2021	65	23	14		CONCR	JOINT	UIC	2	2001	2020	2020	CPR_ONLY																				
GF-N WASH ST (8TH AVE NE TO 9TH AVE)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	18.0	BLENDED BASE		30.0				2001	848		12209	1	
	9.0	NON-REINF PCC		24.0		AE	S3	2001		30	12209	1	
		EDGE DRAIN	15.0					2001			12209	1	
		CURB & GUTTER FACE-FACE		28.0				2001			12209	1	
		DOWELED						2001			12209	1	
		CONCRETE PAVEMENT REPAIR		24.0				2020	33	10	22180	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	N	944.000	0.6849	945.000	0.0542	0.4613		24.0		9.0	18.0	30.0	24.0	125	6299 2021	65	23	14		CONCR	JOINT	UIC	2	2001	2020	2020	CPR_ONLY				
GF-N WASH ST (9TH AVE NE TO 13TH)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS											
18.0 GRADE		30.0				2001	76		12209	1	
9.0 BLENDED BASE		30.0				2001			12209	1	
9.0 NON-REINF PCC		24.0		AE	S3	2001		30	12209	1	
EDGE DRAIN			15.0			2001			12209	1	
CURB & GUTTER FACE-FACE		28.0				2001			12209	1	
DOWELED						2001			12209	1	
CONCRETE PAVEMENT REPAIR		24.0				2020	367	10	22180	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	81	B	N	945.000	0.0542	945.105	0.0000	0.0362	12.0	24.0	12.0	9.0	18.0	53.0	48.0	116	5774 2021	41	23	14		CONCR	JOINT	UIC	2	2001	2020	2020	CPR_ONLY																				
GF-N WAST ST (13TH AVE NE TO US 2)																		2014	DIST	80	RIDE	2.15	PRPI	POOR	IRI	151																							
																		2015	DIST	76	RIDE	2.82	PRPI	FAIR	IRI	116																							
																		2016	DIST	82	RIDE	2.86	PRPI	GOOD	IRI	114																							
																		2017	DIST	76	RIDE	2.72	PRPI	FAIR	IRI	121																							
																		2018	DIST	90	RIDE	2.70	PRPI	FAIR	IRI	122																							
																		2019	DIST	90	RIDE	2.72	PRPI	FAIR	IRI	121																							
																		2020	DIST	90	RIDE	2.92	PRPI	FAIR	IRI	111																							
																		2021	DIST	88	RIDE	2.88	PRPI	FAIR	IRI	113																							
																		2022	DIST	81	RIDE	2.32	PRPI	POOR	IRI	142																							
																		2023	DIST	88	RIDE	2.75	PRPI	FAIR	IRI	120																							

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2023)	AVG RIDE	DISTRESS	RUT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023)	AVG RIDE	DISTRESS	RUT	THESE REF POINTS HAVE THE INCORRECT PAVEMENT TYPE																		
945	2.75	88	0.12	120.00	FAIR	N/A	N/A	3	0	2	4	0	0	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

DPHTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
18.0	GRADE		54.0				2001	24		12209	1	
9.0	BLENDED BASE		54.0				2001			12209	1	
	NON-REINF PCC	12.0	24.0	12.0	AE	S3	2001	30		12209	1	
	EDGE DRAIN		54.0				2001			12209	1	
	CURB & GUTTER FACE-FACE		52.0				2001			12209	1	
	DOWELED						2001			12209	1	
	CONCRETE PAVEMENT REPAIR		24.0				2020	29	10	22180	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	N	945.105	0.0000	945.105	0.3996	0.3996	3.0	24.0	6.0	15.0	3.0	46.0	33.0	75	3110 2021	39	21	21	2017	COMPO	AOPJC	UIC	2	2003	2015	2015	F	CHIP SEAL			
GF-N WASH ST (JCT US 2 TO STA 105)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE		46.0				1956					
2.5	COLD BITUMINOUS PAVEMENT	8.0	43.0	8.0	RC-3		1956	77				
8.0	NON-REINF PCC JOINT SPACE 20 FOOT		24.0				1956		20			
5.5	AGGREGATE BASE RECLAMITE	9.0		9.0	RC-3		1956					
4.0	DISTRICT SAND SEAL RECYCLED HOT BIT PAVMNT		35.0		AE-150S 200-300		1979	1	20			
.7	PLANT MIX SEAL		24.0		120-150		1993	7				
2.0	HOT BIT PAVEMENT FEDERAL AID CHIP SEAL	3.0	24.0	6.0	PG 64-28	31	2003	20	13949		1	
-1.0	MILLING		34.0		CRS2P	41	2006	16	16395		1	
2.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID CHIP SEAL	3.0	24.0	6.0	PG 58-28	SP	2015	84	7	20178	1	
		2.5	24.0	6.0	CRS2P	41	2017	12	21733		1	



ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB								
6	81	B	N	945.105	0.3996	948.000	0.9580	3.4455	6.0	24.0	6.0	15.0	3.0	46.0	36.0	409	3455 2021	493	21	21	2017	COMPO	AOC&S	UIC	2	2003	2015	2015	F	CHIP SEAL							
GF-STA 105 TO N GRAND FORKS INTR																			2014	DIST	83	RIDE	2.59	PRPI	FAIR	IRI	127										
																			2015	DIST	90	RIDE	3.40	PRPI	GOOD	IRI	88										
																			2016	DIST	84	RIDE	3.46	PRPI	GOOD	IRI	86										
																			2017	DIST	88	RIDE	3.32	PRPI	GOOD	IRI	92										
																			2018	DIST	94	RIDE	3.26	PRPI	FAIR	IRI	95										
																			2019	DIST	92	RIDE	3.28	PRPI	FAIR	IRI	94										
																			2020	DIST	89	RIDE	3.32	PRPI	FAIR	IRI	92										
																			2021	DIST	88	RIDE	3.26	PRPI	FAIR	IRI	95										
																			2022	DIST	86	RIDE	2.89	PRPI	FAIR	IRI	113										
																			2023	DIST	88	RIDE	3.03	PRPI	FAIR	IRI	105										

2006 PCN 16395 - SHOULDERS HAD OIL ONLY, NO CHIPS.  
2020 PCN 22180 RP 947.332 - 947.613 CPR AND 2" MILL AND OVERLAY ON SHOULDERS - COMMERCIAL GRADE HOT MIX ASPHALT

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
946	2.80	88	0.12	117.00	FAIR	N/A	N/A	3	0	2	4	0	2	0
947	3.36	88	0.10	90.00	FAIR	N/A	N/A	3	0	2	4	0	2	0
948	2.94	88	0.11	110.00	FAIR	N/A	N/A	3	0	3	5	0	0	0
AVG	3.03	88	0.11	105.67	FAIR	N/A	N/A	3	0	2	4	0	1	0

13 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		48.0				1949					
WIDENING		48.0				1949					
3.0 AGGREGATE BASE		46.0				1949					
8.0 NON-REINF PCC		22.0				1949		20			
JOINT SPACE 20 FOOT						1949					
3.0 BITUMINOUS BASE	10.0		10.0			1949	258				
4.0 RECYCLED HOT BIT PAVMNT		35.0		200-300		1983		20			
.7 PLANT MIX SEAL		24.0		120-150		1993	61				
2.0 HOT BIT PAVEMENT	6.0	24.0	6.0	PG 64-28	31	2003	1241	20	13949		1
FEDERAL AID CHIP SEAL	6.0	24.0	6.0	CRS2P	41	2006	141		16395		1
-1.0 MILLING		37.0				2015			20178		1
2.0 HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-28	SP	2015	728	7	20178		1
FEDERAL AID CHIP SEAL	6.0	24.0	6.0	CRS2P	41	2017	126		21733		1

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 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
6	81	B	N	948.000	0.9580	949.222	0.0000	0.5128	6.0	24.0	6.0	8.5	10.0	52.0	36.0	368	1896 2021	296	21	21	2017	FLEX	ASPHT	UIC	1	2003	2015	2015	F	CHIP SEAL
N GRAND FORKS INTERCHANGE TO I-29																		2014	DIST	90	RIDE	2.21	PRPI	POOR	IRI	148				
																		2015	DIST	93	RIDE	3.57	PRPI	GOOD	IRI	81				
																		2016	DIST	82	RIDE	3.59	PRPI	GOOD	IRI	80				
																		2017	DIST	86	RIDE	3.15	PRPI	FAIR	IRI	100				
																		2018	DIST	94	RIDE	3.10	PRPI	FAIR	IRI	103				
																		2019	DIST	93	RIDE	3.02	PRPI	FAIR	IRI	107				
																		2020	DIST	92	RIDE	2.64	PRPI	POOR	IRI	125				
																		2021	DIST	92	RIDE	2.80	PRPI	POOR	IRI	117				
																		2022	DIST	91	RIDE	2.53	PRPI	POOR	IRI	131				
																		2023	DIST	89	RIDE	2.50	PRPI	POOR	IRI	132				

2006 PCN 16395 - SHOULDERS HAD OIL ONLY, NO CHIPS  
 2017 PCN 21733 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
949	2.50	89	0.08	132.00	POOR	N/A	N/A	3	0	2	3	0	0	2	0
AVG	2.50	89	0.08	132.00	POOR	N/A	N/A	3	0	2	3	0	0	2	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	LIME TREATED SUBGRADE		48.0				1967					
4.0	EMULSIFIED BASE		48.0				1967					
2.0	HOT BIT PAVEMENT		45.0		SM-K		1967					
1.5	HOT BIT PAVEMENT		24.0		RC-4		1967	94				
2.0	RECYCLED HOT BIT PAVMNT		24.0		85-100		1970	4	20			
.7	PLANT MIX SEAL		40.0		200-300		1983		7			
2.0	HOT BIT PAVEMENT	6.0	24.0	6.0	120-150		1993	4				
	FEDERAL AID CHIP SEAL	6.0	24.0	6.0	PG 64-28	31	2003	200	20	13949		1
-1.0	MILLING	6.0	24.0	6.0	CRS2P	41	2006	21		16395		1
2.0	HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-28	SP	2015	108	7	20178		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	19		21733		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
6	81	B	S	940.000	0.0000	940.000	0.2395	0.2395		24.0		8.0	12.0	30.0	24.0	210	8908 2021	78	47	47		CONCR	JOINT	UIC	3	1977	1977	1977	PCC	JOINTED						
I-29 TO WEST OF 38TH ST SOUTH																		2014	DIST	90	RIDE	3.12	PRPI	GOOD	IRI	102										
																		2015	DIST	85	RIDE	3.08	PRPI	GOOD	IRI	103										
																		2016	DIST	82	RIDE	2.89	PRPI	POOR	IRI	113										
																		2017	DIST	88	RIDE	2.87	PRPI	POOR	IRI	114										
																		2018	DIST	78	RIDE	2.93	PRPI	POOR	IRI	110										
																		2019	DIST	82	RIDE	2.89	PRPI	POOR	IRI	112										
																		2020	DIST	87	RIDE	2.91	PRPI	POOR	IRI	111										
																		2021	DIST	85	RIDE	2.78	PRPI	POOR	IRI	118										
																		2022	DIST	79	RIDE	2.79	PRPI	POOR	IRI	118										
																		2023	DIST	85	RIDE	2.67	PRPI	POOR	IRI	124										

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD CONDITION.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
940	2.67	85	N/A	124.00	POOR	0.10	60	0	0	3	3	1	5	0	1	1
AVG	2.67	85	N/A	124.00	POOR	0.10	60	0	0	3	3	1	5	0	1	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1977	72				
	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC MUNICIPAL ITEMS		24.0				1977		20			
	C-C VARIABLE WIDTH		49.0				1977					

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
6	81	B	S	940.000	0.2395	940.000	0.3547	0.1152		24.0		10.0	12.0	50.0	24.0	210	8978 2021	78	47	47			CONCR	JOINT	UIC	3	1977	1977	1977	CPR/GRINDING			
WEST OF 38TH TO 38TH ST SOUTH																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD CONDITION.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVERAGE RIDE LJS	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE TJS	DISTRESS FLT	DISTRESS BS	DISTRESS BP	DISTRESS CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		50.0				1977	56				
	CURB & GUTTER FACE-FACE		27.0				1977					
8.0	BLENDED BASE		30.0				1977					
4.0	PERM CEMENT STAB BASE		30.0				1977					
10.0	NON-REINF PCC		24.0				1977	20				
	C-C VARIABLE WIDTH		49.0				1977					
	CONCRETE PAVEMENT REPAIR		24.0				2013		18756			1
	GRINDING		26.0				2013		18756			1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	PVMT SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
6	81	B	S	940.000	0.3547	940.000	0.7793	0.4246		24.0		10.0	12.0	30.0	24.0	233	10230 2021	91	47	14			COMPO	AOPJC	UIC	3	1977	2013	2023	HBP-SUPERPAV			
38TH ST TO EAST OF 31ST ST SOUTH																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD CONDITION.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1977	207				
	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC MUNICIPAL ITEMS		24.0				1977	1				
	C-C VARIABLE WIDTH		49.0				1977					
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG 64-34	SP	2013	10	18756			1
	MICROSURFACING		24.0			MC	2013		18756			1
-2.0	MILLING		24.0				2023		23349			1
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG58E-34	SP	2023	250	7	23349		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	S	940.000	0.7793	940.000	0.8467	0.0674		24.0		8.0	12.0	30.0	24.0	245	10850 2021	91	47	47			CONCR	JOINT	UIC	3	1977	1977	1977	GRINDING			
EAST OF 31ST STREET SOUTH																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD CONDITION.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVERAGE RIDE LJS	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE TJS	DISTRESS FLT	DISTRESS BS	DISTRESS BP	DISTRESS CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1977	33				
	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC MUNICIPAL ITEMS		24.0				1977		20			
	C-C VARIABLE WIDTH		49.0				1977					
	CPR/DOWEL BAR RETROFIT		24.0			S3	2013		18756			1
	GRINDING		26.0				2013		18756			1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	S	940.000	0.8467	941.000	0.2677	0.5223		24.0		9.0	30.0	50.0	24.0	242	10807 2021	83	21	21		CONCR	JOINT	UIC	3	2003	2003	2003	CPR/GRINDING				
EAST OF 31ST TO WEST OF 23RD ST S																		2014	DIST	83	RIDE	2.91	PRPI	FAIR	IRI	111							
																		2015	DIST	87	RIDE	2.86	PRPI	FAIR	IRI	114							
																		2016	DIST	87	RIDE	2.64	PRPI	POOR	IRI	125							
																		2017	DIST	86	RIDE	2.49	PRPI	FAIR	IRI	133							
																		2018	DIST	85	RIDE	2.37	PRPI	POOR	IRI	139							
																		2019	DIST	84	RIDE	2.69	PRPI	POOR	IRI	122							
																		2020	DIST	86	RIDE	2.69	PRPI	POOR	IRI	122							
																		2021	DIST	83	RIDE	2.67	PRPI	POOR	IRI	124							
																		2022	DIST	81	RIDE	2.68	PRPI	POOR	IRI	123							
																		2023	DIST	88	RIDE	2.59	PRPI	POOR	IRI	128							

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD CONDITION.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
941	2.59	88	N/A	128.00	POOR	0.13	41	0	0	0	3	2	0	4	0	1	1
AVG	2.59	88	N/A	128.00	POOR	0.13	41	0	0	0	3	2	0	4	0	1	1

7 OCCURS		LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPH	COMPONENTS											
	GRADE		34.0				2003			14246	1	
	CURB & GUTTER FACE-FACE		24.0				2003			14246	1	
	18.0 AGGREGATE BASE		24.0			03	2003			14246	1	
	12.0 AGGREGATE BASE		24.0			05	2003			14246	1	
	9.0 NON-REINF PCC		24.0		AE	S3	2003	1976	30	14246	1	
	CONCRETE PAVEMENT REPAIR		24.0				2013			18756	1	
	GRINDING		26.0				2013			18756	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	S	941.000	0.2677	941.000	0.8311	0.5634		24.0		10.0	12.0	30.0	24.0	236	10519 2021	83	47	14		COMPO	AOPJC	UIC	3	1977	2013	2023	HBP-SUPERPAV				
WEST OF 23RD TO EAST OF 17TH ST S																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD CONDITION.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1977	275				
	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC MUNICIPAL ITEMS		24.0				1977	1				
	C-C VARIABLE WIDTH		49.0				1977					
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG 64-34	SP	2013	10	18756			1
	MICROSURFACING		24.0			MC	2013		18756			1
-2.0	MILLING		24.0				2023		23349			1
2.0	HBP-SUPERPAVE-FAA 45		24.0		PG58E-34	SP	2023	332	7	23349		1



NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR GRAND FORKS DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	S	941.000	0.8311	941.000	0.9900	0.1589		24.0		8.0	12.0	30.0	24.0	241	10747 2021	83	47	47			CONCR	JOINT	UIC	3	1977	1977	1977	CPR/GRINDING			
EAST OF 17TH TO S WASHINGTON STREET																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

MINOR LONGITUDINAL CRACKING. THIS SECTION IS GENERALLY IN GOOD CONDITION.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVERAGE RIDE LJS	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE TJS	DISTRESS FLT	DISTRESS BS	DISTRESS BP	DISTRESS CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		40.0				1977	78				
	CURB & GUTTER FACE-FACE		27.0				1977					
12.0	LIME TREATED SUBGRADE		30.0				1977					
8.0	NON-REINF PCC		24.0				1977		20			
	MUNICIPAL ITEMS						1977					
	C-C VARIABLE WIDTH		49.0				1977					
	CONCRETE PAVEMENT REPAIR		24.0				2013		18756			1
	GRINDING		26.0				2013		18756			1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	81	B	S	941.000	0.9900	942.000	0.3498	0.3528		24.0		8.0	8.0	30.0	24.0	244	10895 2021	91	26	20			CONCR JOINT UIC	2	1998	2014	2014	CPR/GRINDING	
GF-S WASH ST(32ND AVE S-26TH AVE S)																		2014	DIST	90	RIDE	3.37	PRPI	GOOD	IRI	90			
																		2015	DIST	86	RIDE	3.35	PRPI	FAIR	IRI	90			
																		2016	DIST	85	RIDE	3.17	PRPI	FAIR	IRI	99			
																		2017	DIST	86	RIDE	3.33	PRPI	FAIR	IRI	92			
																		2018	DIST	88	RIDE	3.28	PRPI	GOOD	IRI	94			
																		2019	DIST	86	RIDE	3.34	PRPI	FAIR	IRI	91			
																		2020	DIST	87	RIDE	3.37	PRPI	FAIR	IRI	89			
																		2021	DIST	88	RIDE	3.48	PRPI	GOOD	IRI	84			
																		2022	DIST	89	RIDE	3.42	PRPI	GOOD	IRI	88			
																		2023	DIST	89	RIDE	3.15	PRPI	FAIR	IRI	100			

SOME TRANSVERSE JOINT SPALLING. ALSO SOME RANDOM LONGITUDINAL CRACKING. THIS SECTION IS PERFORMING WELL.  
 PCN-70-PROJECT INVOLVES WEST FRONTAGE ROAD AND HAS A BIKEWAY BETWEEN 81 AND FRONTAGE ROAD.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
942	3.15	89	N/A	100.00	FAIR	0.07	53	0	0	0	3	0	3	2	0	1	1
AVG	3.15	89	N/A	100.00	FAIR	0.07	53	0	0	0	3	0	3	2	0	1	1

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
8.0	AGGREGATE BASE		30.0			05	1998	1774		70	1	
8.0	NON-REINF PCC		24.0		AE	S3	1998		30	70	1	
	CURB & GUTTER FACE-FACE		28.0				1998			70	1	
	JOINT SPACE 16 FOOT						1998			70	1	
	DOWELED						1998			70	1	
	LANDSCAPING						2000	13	10	12382	1	
	CONCRETE PAVEMENT REPAIR		24.0				2014	484	10	20102	1	
	GRINDING		24.0				2014			20102	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
6	81	B	S	942.000	0.3498	943.000	0.2220	0.8501		24.0		8.0	3.0	30.0	24.0	238	12342 2021	91	72	20		CONCR	JOINT	UIC	2	1952	2014	2014	CPR/GRINDING							
GF-S WASH ST(26TH AVE S-HAMMERLING)																		2014	DIST	80	RIDE	2.45	PRPI	POOR	IRI	135										
																		2015	DIST	80	RIDE	2.56	PRPI	POOR	IRI	130										
																		2016	DIST	77	RIDE	2.30	PRPI	POOR	IRI	143										
																		2017	DIST	80	RIDE	2.24	PRPI	POOR	IRI	146										
																		2018	DIST	89	RIDE	3.02	PRPI	GOOD	IRI	106										
																		2019	DIST	89	RIDE	3.19	PRPI	FAIR	IRI	98										
																		2020	DIST	90	RIDE	3.26	PRPI	GOOD	IRI	95										
																		2021	DIST	90	RIDE	3.09	PRPI	GOOD	IRI	103										
																		2022	DIST	90	RIDE	3.01	PRPI	FAIR	IRI	107										
																		2023	DIST	90	RIDE	2.97	PRPI	FAIR	IRI	108										

SOME TRANSVERSE JOINT SPALLING. ALSO SOME RANDOM LONGITUDINAL CRACKING. THIS SECTION IS PERFORMING WELL.

REF PT	RIDE	DST	RUT (IN)	IRI	IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVG NUM (2023) LJS	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) TJS	AVG NUM (2023) FLT	AVG NUM (2023) BS	AVG NUM (2023) BP	AVG NUM (2023) CP	
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVG NUM (2023) LJS	AVG NUM (2023) TJS	AVG NUM (2023) FLT	AVG NUM (2023) BS	AVG NUM (2023) CP	AVG NUM (2023) TCS	AVG NUM (2023) BU	AVG NUM (2023) PVMT TYPE	
943	2.97	90	0.11	108.00	FAIR	N/A	N/A	3	0	2	2	0	0	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COMPO

13 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1952	22				
	3.0	AGGREGATE BASE		24.0				1952					
	8.0	NON-REINF PCC WIDENING		24.0				1952	68	20			
		C-C 64 FEET		45.0				1964	4				
	7.0	AGGREGATE BASE	8.0		8.0			1964					
	2.0	BITUMINOUS BASE	7.5		7.5	120-150		1964					
	3.0	HOT BIT PAVEMENT	6.5		6.5	85-100		1964	83				
		CONTRACT CHIP SEAL	6.5		6.5	RC-3		1964					
		DISTRICT SAND SEAL	6.5		6.5	AE-150S		1979	2				
		LANDSCAPING						2000	31		12382	1	
		CONCRETE PAVEMENT REPAIR		24.0				2014	1166	10	20102	1	
		GRINDING		24.0				2014			20102	1	

ENGLISH

D	HWY	S	D	REF	PT	FROM	FROM	TO	TO	LENGTH	LEFT	DRVNG	RIGHT	SURF	BASE	GRAD	FIN	TAADT	AAADT	ESALS	PAV	PAV	LAST	PVMT	PVMT	HWY	FRT	INTL	PREV	LTST	LTST																							
						REF	OFFSET	REF	OFFSET	(XX)	SHLDR	LANE	SHLDR	DPTH	DPTH	WDTH	WDTH				AGE	AGE	YEAR	TYPE	DESC	PTY	LVL	CONS	CONS	CONS	REHAB																							
6	81	B	S	943.000		0.2220	943.000	0.7170	0.4950		24.0	6.0	11.5	3.0	33.0	30.0	165	13459	2021	91	22	19	2018	COMPO	AOPJC	UIC	2	2002	2018	2018	F	CHIP SEAL																						
GF-S WASH ST (HAMMERLING - 8TH AVE S																				2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
ROADWAY WIDTHS ARE BOTH LANES COMBINED. NB IS 4 SEGMENTS WITH YEAR																				2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
GRADED AND GRADED WIDTH VARYING.																				2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
DIVIDED COMPONENTS BETWEEN NORTHBOUND AND SOUTHBOUND FOR PCN 14197																				2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
																				2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
																				2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
																				2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
																				2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
																				2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										
																				2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																										

REF	RUT	IRI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT													
PT	RIDE	DST	(IN)	IN/MI	PRPI	FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

7 OCCURS														
DPTH	COMPONENTS				LSHL	RDWY	RSHL	OIL/CON	CLS	COST		DSN	SUB H	
(IN)					WDTH	WDTH	WDTH	TYPE	AGG	YEAR	THOUS	LFE	PCN	H
					(FT)	(FT)	(FT)							
					48.0					1952				
-1.5	MILLING				30.0					2002		14197	1	
2.5	HOT BIT PAVEMENT				30.0		PG 52-28	33	2002	386	50	14197	1	
	FEDERAL AID CHIP SEAL				30.0		CRS2P	41	2006	21		16395	1	
-2.0	MILLING				30.0				2018	195		22210	1	
2.0	HBP-SUPERPAVE-FAA 45				30.0		PG 58-28	SP	2018		7	22210	1	
	FEDERAL AID CHIP SEAL				30.0		CRS2P	41	2018			22210	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	S	943.000	0.7170	943.000	0.8600	0.1430		22.0	5.5	11.5	3.0	29.5	27.5	169	13665	92	22	19	2018	COMPO	AOPJC	UIC	2	2002	2018	2018	F	CHIP SEAL			
GF-S WASH ST (8TH AVE S - DEMERS AVE																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
ROADWAY WIDTHS ARE BOTH LANES COMBINED. NB IS 4 SEGMENTS WITH YEAR GRADED AND GRADED WIDTH VARYING.																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
DIVIDED COMPONENTS BETWEEN NORTHBOUND AND SOUTHBOUND FOR PCN 14197																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1952					
	-1.5	MILLING		33.5				2002			14197	1	
	2.5	HOT BIT PAVEMENT		33.5		PG 52-28	33	2002	386	50	14197	1	
		FEDERAL AID CHIP SEAL		33.0		CRS2P	41	2006	6		16395	1	
	-2.0	MILLING		27.5				2018	56		22210	1	
	2.0	HBP-SUPERPAVE-FAA 45		27.5		PG 58-28	SP	2018		7	22210	1	
		FEDERAL AID CHIP SEAL		27.5		CRS2P	41	2018			22210	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	S	943.000	0.8600	944.000	0.0470	0.1201	2.0	24.0	2.0	11.0	45.0	36.0	28.0	165	10145	92	60	19	2018	COMPO	AOPJC	UIC	2	1964	2018	2018	F	CHIP SEAL			
GF-S WASH ST (DEMERS TO DYKE AVE)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

ROADWAY WIDTHS ARE BOTH LANES COMBINED. NB IS 4 SEGMENTS WITH YEAR GRADED AND GRADED WIDTH VARYING.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG RIDE (2023) FLT	DISTRESS (2023) BLD	RUT (2023) LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

5 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		NON-REINF PCC	48.0	28.0	28.0			1952		20			
	9.0	FEDERAL AID CHIP SEAL	28.0	28.0	28.0	CRS2P	41	2006	5	16395		1	
	2.0	HBP-SUPERPAVE-FAA 45	28.0	28.0	28.0	PG 58-28	SP	2018	47	7	22210	1	
		FEDERAL AID CHIP SEAL	28.0	28.0	28.0	CRS2P	41	2018			22210	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	S	944.000	0.0470	944.000	0.6300	0.5830		24.0	6.0	12.0	3.0	32.0	30.0	172	9444 2021	86	22	19	2018	COMPO	AOPJC	UIC	2	2002	2018	2018	F	CHIP SEAL			
GF-N WASH ST (DYKE TO .05 MILE S 8TH																		2014	DIST	80	RIDE	1.92	PRPI	POOR	IRI	165							
																		2015	DIST	85	RIDE	1.76	PRPI	POOR	IRI	174							
																		2016	DIST	82	RIDE	1.74	PRPI	POOR	IRI	176							
																		2017	DIST	83	RIDE	1.54	PRPI	POOR	IRI	189							
																		2018	DIST	89	RIDE	2.01	PRPI	POOR	IRI	160							
																		2019	DIST	89	RIDE	2.31	PRPI	POOR	IRI	142							
																		2020	DIST	90	RIDE	3.04	PRPI	FAIR	IRI	105							
																		2021	DIST	89	RIDE	3.02	PRPI	FAIR	IRI	107							
																		2022	DIST	88	RIDE	2.93	PRPI	POOR	IRI	110							
																		2023	DIST	89	RIDE	2.87	PRPI	POOR	IRI	113							

ROADWAY WIDTHS ARE BOTH LANES COMBINED. NB IS 4 SEGMENTS WITH YEAR GRADED AND GRADED WIDTH VARYING.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
944	2.87	89	0.12	113.00	POOR	N/A	N/A	3	0	3	2	0	2	0
AVG	2.87	89	0.12	113.00	POOR	N/A	N/A	3	0	3	2	0	2	0

7 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1952					
-2.5	MILLING		30.0				2002			14197	1	
4.0	HOT BIT PAVEMENT		30.0		PG 52-28	33	2002	386	50	14197	1	
	FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2006	24		16395	1	
-2.0	MILLING		30.0				2018	229		22210	1	
2.0	HBP-SUPERPAVE-FAA 45		30.0		PG 58-28	SP	2018		7	22210	1	
	FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2018			22210	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
6	81	B	S	944.000	0.6300	944.000	0.6433	0.0133		24.0	6.0	9.0	18.0	33.0	30.0	135	6164 2021	86	23	14		CONCR	JOINT	UIC	2	2001	2020	2020	CPR_ONLY																				
GF-N WASH ST (.05MI S 8TH TO 8TH AVE																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) DC	AVG NUM (2023) CB	AVERAGE RIDE LJS	AVERAGE RIDE LC	AVERAGE RIDE TC	AVERAGE RIDE TJS	DISTRESS FLT	DISTRESS BS	DISTRESS BP	DISTRESS CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
18.0	BLENDED BASE		33.0				2001	81		12209	1	
9.0	NON-REINF PCC	6.0	24.0		AE	S3	2001		30	12209	1	
	EDGE DRAIN			33.0			2001			12209	1	
	CURB & GUTTER CTRLN-FACE			32.0			2001			12209	1	
	BIKEWAY/WALKWAY		5.0				2001			12209	1	
	DOWELED						2001			12209	1	
	CONCRETE PAVEMENT REPAIR		24.0				2020	11	10	22180	1	



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6	81	B	S	944.000	0.6433	944.000	0.6849	0.0416		24.0		9.0	18.0	30.0	24.0	134	6106 2021	86	23	14			CONCR	JOINT	UIC	2	2001	2020	2020	CPR_ONLY			
GF-N WASH ST (8TH AVE NE TO 9TH AVE)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE LJS	DISTRESS LC	& RUT TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
18.0	BLENDED BASE		30.0				2001	839		12209	1	
9.0	NON-REINF PCC		24.0		AE	S3	2001		30	12209	1	
	EDGE DRAIN			15.0			2001			12209	1	
	CURB & GUTTER FACE-FACE		28.0				2001			12209	1	
	BIKEWAY/WALKWAY		10.0				2001			12209	1	
	DOWELED						2001			12209	1	
	CONCRETE PAVEMENT REPAIR		24.0				2020	33	10	22180	1	

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6	81	B	S	944.000	0.6849	945.000	0.0542	0.4565		24.0		9.0	18.0	30.0	24.0	128	5672 2021	86	23	14			CONCR	JOINT	UIC	2	2001	2020	2020	CPR_ONLY																			
GF-N WASH ST (9TH AVE NE TO 13TH AVE																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE LJS	DISTRESS LC	& RUT TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
18.0	BLENDED BASE		30.0				2001	76		12209	1	
9.0	NON-REINF PCC		24.0		AE	S3	2001		30	12209	1	
	EDGE DRAIN			15.0			2001			12209	1	
	CURB & GUTTER FACE-FACE		28.0				2001			12209	1	
	BIKEWAY/WALKWAY		10.0				2001			12209	1	
	DOWELED						2001			12209	1	
	CONCRETE PAVEMENT REPAIR		24.0				2020	363	10	22180	1	

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6	81	B	S	945.000	0.0542	945.105	0.0000	0.0441		24.0		9.0	18.0	30.0	24.0	121	5229 2021	86	23	14			CONCR	JOINT	UIC	2	2001	2020	2020	CPR_ONLY				
GF-N WASH ST (13TH AVE NE TO US 2)																			2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
18.0	BLENDED BASE		30.0				2001	24		12209	1	
9.0	NON-REINF PCC		24.0		AE	S3	2001		30	12209	1	
	EDGE DRAIN			15.0			2001			12209	1	
	CURB & GUTTER FACE-FACE		28.0				2001			12209	1	
	BIKEWAY/WALKWAY		10.0				2001			12209	1	
	DOWELED						2001			12209	1	
	CONCRETE PAVEMENT REPAIR		24.0				2020	35	10	22180	1	

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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (CX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	81	B	S	945.105	0.0000	945.555	0.0000	0.3344	6.0	24.0	3.0	15.0	3.0	46.0	33.0	90	3225 2021	59	21	21	2017	COMPO	AOPJC	UIC	2	2003	2015	2015	F	CHIP SEAL			
GF-N WASH ST (US 2 N 0.4 MI)																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVG NUM (2023) BLD	AVG NUM (2023) LC	AVG NUM (2023) TC	AVG NUM (2023) BC	AVG NUM (2023) RW	AVG NUM (2023) BP	AVG NUM (2023) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		50.0				1949					
	WIDENING		48.0				1949					
3.0	AGGREGATE BASE		48.0				1949					
3.0	COLD BITUMINOUS PAVEMENT	10.0		10.0	SC-3000		1949	33				
8.0	NON-REINF PCC		24.0				1949		20			
	JOINT SPACE 20 FOOT						1949					
	RESHAPED						1956					
	DISTRICT SAND SEAL				AE-150S		1979	1				
4.0	RECYCLED HOT BIT PAVMNT		35.0		200-300		1983		20			
.7	PLANT MIX SEAL		24.0		120-150		1993	7				
2.0	HOT BIT PAVEMENT	6.0	24.0	3.0	PG 64-28	31	2003		20	13949		1
	FEDERAL AID CHIP SEAL		35.0		CRS2P	41	2006	14		16395		1
-1.0	MILLING		34.0				2015			20178		1
2.0	HBP-SUPERPAVE-FAA 45	6.0	24.0	3.0	PG 58-28	SP	2015	71	7	20178		1
	FEDERAL AID CHIP SEAL	6.0	24.0	2.5	CRS2P	41	2017	12		21733		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	86	N		20.000	0.0000	21.400	0.0000	1.3998		24.0		2.0			24.0	5	75	2	30	30	1997	FLEX	ASPHT	RCL	9	1994	1994	1994	C CHIP SEAL

ICELANDIC STATE PARK

1994 SURFACING WAS FOR 0.55 MILES.

1997 SEAL COAT: THE WIDTH OF THE DRIVING LANE GOING INTO THE PARK WAS 24 FEET WIDE. THE PATH WIDTHS THAT WERE SEALED AT VARIOUS LOCATIONS HAD A WIDTH OF 10 TO 11 FEET.

2014	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2015	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2016	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2017	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2018	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2019	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2020	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2021	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2022	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2002) AVERAGE RIDE, DISTRESS & RUT									
PT	RIDE	DST	(IN)	IN/MI	PRPI	FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
20	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

3 OCCURS			LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
CONTRACT CHIP SEAL						MC-3000		1990					
2.0 HOT BIT PAVEMENT				24.0		120-150		1994	50	20			
CONTRACT CHIP SEAL				24.0		HFMS-2	42	1997	22		1475	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
6	88	N		30.000	0.0000	32.800	0.0000	2.7998		24.0		2.0	4.0	30.0	24.0	5	50	2	27	27	1997	FLEX	ASPHT	RCR	9	1997	1997	1997	C CHIP SEAL

TURTLE RIVER STATE PARK

\_SHOULD BE NOTED: THE WIDTH OF COVER COAT VARIED. THE WIDTHS THAT WERE USED WERE: 15 FEET, 16 FEET AND 24 FEET. THESE WIDTHS WERE USED IN VARIOUS LOCATIONS.

2014	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2015	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2016	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2017	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2018	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2019	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2020	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2021	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2022	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0
2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2002) FLT	AVG NUM (2002) FLT AC	AVG NUM (2002) BLD	AVG NUM (2002) LC	AVG NUM (2002) TC	AVG NUM (2002) BC	AVG NUM (2002) RW	AVG NUM (2002) BP	AVG NUM (2002) RT
30	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

2 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	COST YEAR	DSN THOUS	PCN LFE	SUB	H
	CONTRACT CHIP SEAL				HFMS-2		1990				
	CONTRACT CHIP SEAL		24.0		HFMS-2	42	1997	35	1445	1	

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ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	89	E		10.000	0.0000	11.960	0.0000	2.0034	7.5	24.0	7.5	5.5	6.0	44.0	24.0	10	175 2021	8	51	24	2014	FLEX	ASPHT	RCL	3	1973	2013	2013	F CHIP SEAL																																																																														
CONCRETE SPUR																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	BITUMINOUS BASE	44.0	39.0		CMS-2		1970					
2.0	HOT BIT PAVEMENT		24.0		85-100		1970					
1.5	HOT BIT PAVEMENT		24.0		200-300		1973		20			
	DISTRICT CHIP SEAL		24.0		MC-3000		1985	15				
	CONTRACT CHIP SEAL		24.0		HFMS-2	42	1997	15		1604	1	
2.0	HBP-SUPERPAVE-FAA 43		24.0		PG 58-28	SP	2013	485	7	20015	1	
	FEDERAL AID CHIP SEAL		24.0		CRS-2	41	2014	57		20722	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																	
6	91	B	N	900.000	0.0000	900.000	0.1610	0.1610		24.0		3.0	8.0	34.0	26.0	45	485 2021	27	17	15		FLEX	ASPHT	RSC	3	2007	2022	2022	RAP-FAA 43																	
ST THOMAS SPUR STA 70 TO STA 62																		2014	DIST 88	RIDE 3.27	PRPI	GOOD	IRI 95																							

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
900	3.19	97	0.10	98.00	FAIR	N/A	N/A	0	0	2	0	0	0	0
AVG	3.19	97	0.10	98.00	FAIR	N/A	N/A	0	0	2	0	0	0	0

6 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	THOUS	LFE			
GRADE	34.0					2007		13132	1	
8.0 AGGREGATE BASE	26.0				05	2007		13132	1	
3.0 HOT BIT PAVEMENT	26.0			PG 58-28	27	2007	47	20	13132	1
SLURRY SEAL	24.0				SS	2011	5	18671	1	
-2.0 MILLING	25.6					2022		23322	1	
2.0 RAP-SUPERPAVE FAA 43	24.0			PG58S-34	SP	2022	44	7	23322	1



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D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	91	B	N	900.000	0.1610	900.000	0.4640	0.3030	8.5	24.0	8.5	4.5	12.0	45.0	41.0	45	485 2021	42	61	15		FLEX	ASPHT	RSC	3	1963	2008	2022	RAP-FAA 43				
ST THOMAS SPUR STA 62-46 AND 36-26																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		44.0				1963	14				
6.0	AGGREGATE BASE		41.0				1963					
6.0	EMULSIFIED BASE		41.0		SS-1		1963					
2.5	HOT BIT PAVEMENT		41.0		85-100		1963	23	20			
	CONTRACT CHIP SEAL		41.0		MC-3000		1989	4				
2.0	HBP-SUPERPAVE-FAA 45		41.0		PG 58-28	SP	2008	93	7	14060	1	
	SLURRY SEAL		21.0			SS	2011			18671	1	
	FEDERAL AID CHIP SEAL		20.0		SS-1		44			18671	1	
-2.0	MILLING		41.0				2022			23322	1	
2.0	RAP-SUPERPAVE FAA 43		41.0		PG58S-34	SP	2022	83	7	23322	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	91	B	N	900.000	0.4640	900.000	0.8430	0.3790	18.5	24.0	18.5	4.5	12.0	65.0	61.0	39	336 2021	33	61	15		FLEX	ASPHT	RSC	3	1963	2008	2022	RAP-FAA 43				
ST THOMAS SPUR STA 46 TO 26																		2014	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		64.0				1963	25				
6.0	AGGREGATE BASE		64.0				1963					
6.0	EMULSIFIED BASE		64.0		SS-1		1963					
2.5	HOT BIT PAVEMENT		64.0		85-100		1963	49	20			
	CONTRACT CHIP SEAL		64.0		MC-3000		1989	4				
2.0	HBP-SUPERPAVE-FAA 45		64.0		PG 58-28	SP	2008	117	7	14060		1
	SLURRY SEAL		41.0			SS	2011			18671		1
	FEDERAL AID CHIP SEAL		20.0		SS-1		44			18671		1
-2.0	MILLING		61.0				2022			23322		1
2.0	RAP-SUPERPAVE FAA 43		61.0		PG58S-34	SP	2022	104	7	23322		1

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ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																						
6	91	B	N	900.000	0.8430	901.262	0.0000	0.3132	1.0	24.0	1.0	3.0	8.0	34.0	26.0	35	220 2021	21	17	15		FLEX	ASPHT	RSC	3	2007	2022	2022	RAP-FAA 43																																						
ST THOMAS SPUR STA 26 TO STA 4																		2014	DIST 95	RIDE 3.25	PRPI FAIR	IRI 95	2015	DIST 88	RIDE 2.07	PRPI FAIR	IRI 156	2016	DIST 88	RIDE 1.91	PRPI POOR	IRI 165	2017	DIST 80	RIDE 1.24	PRPI POOR	IRI 211	2018	DIST 87	RIDE 1.80	PRPI POOR	IRI 172	2019	DIST 77	RIDE 1.48	PRPI POOR	IRI 194	2020	DIST 75	RIDE 1.31	PRPI POOR	IRI 206	2021	DIST 78	RIDE 0.72	PRPI POOR	IRI 313	2022	DIST NA	RIDE N/A	PRPI N/A	IRI N/A	2023	DIST 96	RIDE 2.34	PRPI GOOD	IRI 141

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AVG NUM (2023) FLT AC	BLD	LC	TC	BC	RW	BP	RT
901	2.34	96	0.13	141.00	GOOD	N/A	N/A	0	0	3	0	0	0	0
AVG	2.34	96	0.13	141.00	GOOD	N/A	N/A	0	0	3	0	0	0	0

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
8.0	AGGREGATE BASE		34.0			05	2007			13132	1	
3.0	HOT BIT PAVEMENT		26.0		PG 58-28	27	2007	118	20	13132	1	
	SLURRY SEAL		24.0			SS	2011			17838	1	
-2.0	MILLING		26.5				2022			23322	1	
2.0	RAP-SUPERPAVE FAA 43		26.0		PG58S-34	SP	2022	110	7	23322	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
6	200	E		319.423	0.0000	331.806	0.0000	12.3769	2.5	24.0	2.5	7.5	7.0	36.0	29.0	164	661 2022	142	30	20	2020	FLEX	ASPHT	RSC	1	1994	2007	2017	F CHIP SEAL				
JCT 20-GLENFIELD E TO W JCT 1																		2014	DIST	81	RIDE	3.61	PRPI	GOOD	IRI	78							
																		2015	DIST	80	RIDE	2.91	PRPI	FAIR	IRI	112							
																		2016	DIST	81	RIDE	3.34	PRPI	GOOD	IRI	91							
																		2017	DIST	93	RIDE	4.28	PRPI	GOOD	IRI	48							
																		2018	DIST	96	RIDE	4.20	PRPI	GOOD	IRI	52							
																		2019	DIST	93	RIDE	4.19	PRPI	GOOD	IRI	52							
																		2020	DIST	93	RIDE	3.87	PRPI	GOOD	IRI	66							
																		2021	DIST	93	RIDE	3.77	PRPI	GOOD	IRI	71							
																		2022	DIST	91	RIDE	3.81	PRPI	GOOD	IRI	69							
																		2023	DIST	91	RIDE	3.65	PRPI	GOOD	IRI	77							

2010 PCN 17672 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) AVERAGE RIDE, DISTRESS & RUT																								
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																					
320	3.47	90	0.12	85.00	GOOD	N/A	N/A	3	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
321	3.67	89	0.14	76.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
322	3.44	92	0.12	87.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
323	3.68	93	0.09	76.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
324	3.76	90	0.13	72.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
325	3.87	89	0.12	67.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
326	3.55	89	0.10	81.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
327	3.37	92	0.13	89.00	GOOD	N/A	N/A	3	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
328	3.74	91	0.13	73.00	GOOD	N/A	N/A	3	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
329	3.63	91	0.12	78.00	GOOD	N/A	N/A	3	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
330	3.68	89	0.13	76.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
331	3.88	91	0.14	67.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	3.65	91	0.12	77.25	GOOD	N/A	N/A	3	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)											
GRADE		36.0				1950	130				
5.0 AGGREGATE BASE		34.0				1954					
2.0 STABILIZED BASE		32.0				1954					
2.5 HOT BIT PAVEMENT		24.0		120-150		1954	199				
3.5 HOT BIT PAVEMENT		28.0		120-150		1994	1185	20			
FEDERAL AID CHIP SEAL		28.0		HFMS-2	43	1997	138		1365	1	
1.5 HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	29	2007	1238	7	15909	1	
FEDERAL AID CHIP SEAL		24.0		HFMS-2	43	2010	352		17672	1	
-2.0 MILLING	2.0	24.0	2.0			2017	1829		21605	1	
2.0 HBP-SUPERPAVE-FAA 43	2.5	24.0	2.5	PG 58-28	SP	2017		7	21605	1	
FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2020	366		22690	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
6	200	E		337.913	0.0000	341.000	0.4410	3.5200	6.0	24.0	6.0	8.0	7.0	44.0	36.0	270	1273 2021	236	30	17	2023	FLEX	ASPHT	RSC	1	1994	2007	2020	F CHIP SEAL																					
EAST JCT 1 THRU COOPERSTOWN																		2014	DIST	81	RIDE	3.70	PRPI	GOOD	IRI	75																								
2010 PCN 17473 - SHOULDERS HAVE SEAL COAT APPLIED, NO COVER COAT.																		2015	DIST	80	RIDE	3.40	PRPI	GOOD	IRI	88																								
																		2016	DIST	81	RIDE	3.45	PRPI	GOOD	IRI	86																								
																		2017	DIST	79	RIDE	3.30	PRPI	GOOD	IRI	93																								
																		2018	DIST	91	RIDE	3.34	PRPI	GOOD	IRI	91																								
																		2019	DIST	89	RIDE	3.11	PRPI	GOOD	IRI	102																								
																		2020	DIST	98	RIDE	3.94	PRPI	GOOD	IRI	63																								
																		2021	DIST	97	RIDE	3.90	PRPI	GOOD	IRI	65																								
																		2022	DIST	92	RIDE	3.65	PRPI	GOOD	IRI	76																								
																		2023	DIST	91	RIDE	3.53	PRPI	GOOD	IRI	82																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
337	3.63	97	0.13	78.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
338	3.63	91	0.14	77.00	GOOD	N/A	N/A	3	0	3	2	0	0	0
339	3.40	94	0.14	88.00	GOOD	N/A	N/A	3	0	2	0	0	0	0
340	3.77	89	0.12	71.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
341	3.20	86	0.18	97.00	GOOD	N/A	N/A	3	0	2	3	0	0	6
AVG	3.53	91	0.14	82.20	GOOD	N/A	N/A	2	0	2	3	0	0	1

12 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	COST YEAR	DSN THOUS	LFE	PCN	SUB	H
		GRADE	44.0					1962	52				
		3.5 AGGREGATE BASE	42.0					1962					
		3.5 EMULSIFIED BASE	40.0			SS-1		1962	75				
		1.5 HOT BIT PAVEMENT	41.0			120-150		1967					
		1.5 HOT BIT PAVEMENT	24.0			120-150		1967	114	20			
		3.5 HOT BIT PAVEMENT	36.0			120-150		1994	334	20			
		FEDERAL AID CHIP SEAL	24.0			HFMS-2	43	1997	38		1365	2	
		1.5 HOT BIT PAVEMENT	6.0	24.0	6.0	PG 58-28	29	2007	352	7	16789	1	
		FEDERAL AID CHIP SEAL	24.0			HFMS-2	43	2010	100		17473	1	
		-2.0 MILLING	24.0					2020			22347	1	
		2.0 RAP-SUPERPAVE FAA 43	24.0			PG 58S28	SP	2020	490	7	22347	1	
		FEDERAL AID CHIP SEAL	24.0			CRS2P	11	2023	136		23831	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
6	200	E		341.000	0.4410	347.000	0.1030	5.5320	8.0	24.0	8.0	4.0	9.0	52.0	40.0	188	923 2021	118	35	21	2019	FLEX	ASPHT	RSC	1	1989	2005	2016	F CHIP SEAL																																																																														
COOPERSTOWN EAST TO COUNTY LINE																		2014	DIST	79	RIDE	3.06	PRPI	FAIR	IRI	104	2015	DIST	79	RIDE	2.74	PRPI	POOR	IRI	120	2016	DIST	73	RIDE	2.62	PRPI	POOR	IRI	126	2017	DIST	89	RIDE	4.03	PRPI	GOOD	IRI	59	2018	DIST	96	RIDE	3.85	PRPI	GOOD	IRI	68	2019	DIST	93	RIDE	3.62	PRPI	GOOD	IRI	78	2020	DIST	96	RIDE	3.62	PRPI	GOOD	IRI	78	2021	DIST	88	RIDE	3.25	PRPI	GOOD	IRI	95	2022	DIST	92	RIDE	3.36	PRPI	GOOD	IRI	90	2023	DIST	85	RIDE	3.01	PRPI	GOOD	IRI	106
																		2007 PCN 16906 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT,																																																																																									
																		2011 PCN 19246 - 1.5" CONTRACT PATCH																																																																																									
																		345.000 TO 345.110																																																																																									
																		345.465 TO 345.488																																																																																									
																		345.514 TO 345.537																																																																																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
342	2.83	86	0.21	116.00	POOR	N/A	N/A	3	0	0	4	0	0	0	0	6
343	3.51	90	0.19	83.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0	0
344	3.13	85	0.32	101.00	FAIR	N/A	N/A	3	0	2	3	0	0	0	2	6
345	3.05	82	0.25	105.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	2	6
346	2.89	81	0.25	112.00	POOR	N/A	N/A	3	0	3	4	0	0	0	2	6
347	2.67	86	0.22	123.00	POOR	N/A	N/A	0	0	3	4	0	0	0	0	6
AVG	3.01	85	0.24	106.67	GOOD	N/A	N/A	3	0	2	4	0	0	1	5	

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		52.0				1988	1815				
	3.5 AGGREGATE BASE		50.0				1988					
	4.5 RECYCLED HOT BIT PAVMNT		44.0				1988					
	2.5 HOT BIT PAVEMENT		27.0		120-150		1989	427	20			
	2.0 AGGREGATE BASE	6.5		6.5			1989					
	CONTRACT CHIP SEAL		24.0		MC-3000		1991	78				
	1.5 HOT BIT PAVEMENT		27.0		PG 58-28	29	2005	372	10	15625	1	
	1.5 AGGREGATE BASE	6.5		6.5		04	2005			15625	1	
	FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2007	128		16906	1	
	-2.0 MILLING		28.0				2016			20685	1	
	2.0 HBP-SUPERPAVE-FAA 43		28.0		PG 58-28	SP	2016	814	7	20685	1	
	FEDERAL AID CHIP SEAL		27.4		CRS2P	11	2019	174		22414	1	

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D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
6	200	E		347.000	0.1030	354.115	0.0000	7.1405	8.0	24.0	8.0	4.0	9.0	52.0	40.0	185	905 2021	115	35	21		FLEX	ASPHT	RSC	1	1989	2005	2016	3.0" C_PATCH																																																
CO LN E COOPERSTOWN E TO S JCT 32																		2014	DIST 81	RIDE 3.10	PRPI	GOOD	IRI 102	2015	DIST 77	RIDE 2.30	PRPI	POOR	IRI 144	2016	DIST 78	RIDE 2.66	PRPI	POOR	IRI 124	2017	DIST 89	RIDE 4.03	PRPI	GOOD	IRI 59	2018	DIST 95	RIDE 3.65	PRPI	GOOD	IRI 77	2019	DIST 91	RIDE 3.50	PRPI	GOOD	IRI 83	2020	DIST 94	RIDE 3.42	PRPI	GOOD	IRI 88	2021	DIST 86	RIDE 3.09	PRPI	GOOD	IRI 103	2022	DIST 89	RIDE 3.34	PRPI	GOOD	IRI 91	2023	DIST 83	RIDE 2.80	PRPI	POOR	IRI 116

1,606 TONS HBP (PAVER LAID) 1.5" 120-150 \$43,380-1995. 1996-HOT MIX  
PATCHING-PAVER LAID-879 TONS.  
2007 PCN 16906 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.  
2020 PCN 22821 CONTRACT PATCHING - 9" MILL AND RAP-SUPERPAVE 43 PUT  
BACK WITH 3 3" LIFTS-8 PATCHES- RP 349.681 TO 354.000

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2023) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
348	3.08	83	0.20	103.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0	6
349	2.79	81	0.24	117.00	POOR	N/A	N/A	3	0	3	4	0	0	0	2	6
350	2.85	85	0.23	114.00	FAIR	N/A	N/A	0	0	2	4	0	0	0	2	6
351	2.89	81	0.19	112.00	FAIR	N/A	N/A	3	0	3	4	0	0	0	2	6
352	2.52	82	0.22	131.00	POOR	N/A	N/A	3	0	2	4	0	0	0	2	6
353	3.04	82	0.22	106.00	FAIR	N/A	N/A	3	0	2	4	0	0	0	2	6
354	2.45	87	0.27	135.00	POOR	N/A	N/A	3	0	0	3	0	0	0	0	6
AVG	2.80	83	0.22	116.86	POOR	N/A	N/A	3	0	2	4	0	0	0	1	6

16 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		52.0				1988	1300				
	3.5	AGGREGATE BASE		50.0				1988					
	4.5	HOT BIT PAVEMENT		44.0				1988					
	2.5	HOT BIT PAVEMENT		27.0		120-150		1989	541	20			
	2.2	AGGREGATE BASE	6.5		6.5			1989					
		BITUMINOUS BASE	13.5		13.5	MC-3000		1991	51				
	1.5	HOT BIT PAVEMENT		27.0		PG 58-28	29	2005	480	10	15625	1	
	1.5	AGGREGATE BASE	6.5		6.5		04	2005			15625	1	
		FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2007	165		16906	1	
	-2.0	MILLING		28.0				2016			17857	1	
	2.0	HBP-SUPERPAVE-FAA 43		28.0		PG 58-28	SP	2016	1050	7	17857	1	
		FEDERAL AID CHIP SEAL		27.4		CRS2P	11	2019	226		22414	1	
	-9.0	MILLING		28.0				2020			22821	1	
		INT CONT PATCH-3.0"		28.0		PG 58S28	01	2020			22821	1	
		INT CONT PATCH-3.0"		28.0		PG 58S28	01	2020			22821	1	
		INT CONT PATCH-3.0"		28.0		PG 58S28	01	2020	545		22821	1	

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6	297	E		0.000	0.0000	0.000	0.7580	0.7580		24.0		9.0	24.0	43.0	37.0	217	8325 2021	103	30	27		CONCR	JOINT	UIC	3	1994	2017	2017	GRINDING																																																																														
GF-DEMERS AVE (I-29 TO NEAR 34TH)																		2014	DIST	83	RIDE	2.62	PRPI	POOR	IRI	126	2015	DIST	87	RIDE	2.62	PRPI	POOR	IRI	126	2016	DIST	85	RIDE	2.45	PRPI	POOR	IRI	135	2017	DIST	90	RIDE	3.67	PRPI	GOOD	IRI	76	2018	DIST	89	RIDE	3.82	PRPI	GOOD	IRI	69	2019	DIST	89	RIDE	4.08	PRPI	GOOD	IRI	58	2020	DIST	87	RIDE	3.96	PRPI	GOOD	IRI	63	2021	DIST	87	RIDE	3.98	PRPI	GOOD	IRI	62	2022	DIST	86	RIDE	3.85	PRPI	GOOD	IRI	68	2023	DIST	87	RIDE	3.92	PRPI	GOOD	IRI	65

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	AVERAGE LJS	RIDE LC	TCS	TJS	FLT	BS	BP	CP	
0	3.92	87	N/A	65.00	GOOD	0.08	70	0	0	1	1	1	5	2	0	1	1
AVG	3.92	87	N/A	65.00	GOOD	0.08	70	0	0	1	1	1	5	2	0	1	1

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
20.0	GRADE						1994					
20.0	CURB & GUTTER FACE-FACE						1994					
20.0	AGGREGATE BASE						1994					
4.0	PERM ASPH STAB BASE						1994					
9.0	NON-REINF PCC		49.0				1994	2670	30			
	EDGE DRAIN						1994					
	CPR/DOWEL BAR RETROFIT		24.0			S3	2017	719	10	20832	1	
	GRINDING		24.0				2017					



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6	297	E		0.000	0.7580	3.060	0.0000	2.3980		24.0		9.0	24.0	30.0	24.0	134	8349 2021	42	31	27		CONCR	JOINT	UIC	3	1993	2017	2017	GRINDING																																																																														
GF-DEMERS AVE (34TH ST TO US 2)																		2014	DIST	74	RIDE	1.71	PRPI	POOR	IRI	226	2015	DIST	84	RIDE	2.10	PRPI	POOR	IRI	154	2016	DIST	81	RIDE	1.93	PRPI	POOR	IRI	164	2017	DIST	88	RIDE	3.12	PRPI	FAIR	IRI	102	2018	DIST	85	RIDE	3.28	PRPI	GOOD	IRI	95	2019	DIST	84	RIDE	3.49	PRPI	FAIR	IRI	84	2020	DIST	84	RIDE	3.54	PRPI	GOOD	IRI	82	2021	DIST	84	RIDE	3.51	PRPI	GOOD	IRI	83	2022	DIST	85	RIDE	3.49	PRPI	GOOD	IRI	84	2023	DIST	85	RIDE	3.41	PRPI	GOOD	IRI	88
2011 PCN 18014 - CPR, DOWEL BAR RETROFIT, GRINDING STATION 10+00 TO 16+88 AND 28+20 TO 38+60.																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2023) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
1	3.87	89	N/A	67.00	GOOD	0.08	74	0	0	0	4	2	2	0	1	1
2	2.95	81	N/A	110.00	POOR	0.10	96	0	0	3	4	2	7	0	1	1
3	N/A	NA	N/A	N/A	N/A	0.08	8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG 3.41 85 N/A 88.50 GOOD 0.09 59 0 0 0 2 4 2 5 0 1 1																

9 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		54.0				1993					
CURB & GUTTER FACE-FACE						1993					
20.0 SALVAGED AGGR BASE		54.0				1993					
4.0 PERM ASPH STAB BASE		54.0				1993					
9.0 NON-REINF PCC		48.0				1993	7500	30			
EDGE DRAIN						1993					
MUNICIPAL ITEMS						1993					
CPR/DOWEL BAR RETROFIT		24.0			S3	2017	1733	10	20832		1
GRINDING		24.0				2017			20832		1

