Interstate Task Force

Publication 2021

NEBRASKA

Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION

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Good Life. Great Journey.
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Memorandum

DATE June 9, 2021

TO Interstate Task Force

FROM Mark Lindemann

SUBJECT Interstate Inspection Trip March 24 & April 5-6, 2021

Enclosed is the Interstate Task Force Book for 2021. This book is organized into two sections: overview of interstate system and project summary sheets.

The “Overview” of interstate system includes the following:

1. Interstate Pavement Characteristics Summary.
2. Interstate Pavement Replacement Plan.
3. Interstate Preservation and Capital Improvement Program.

The “Project Summary" shows the current projects on the interstate system. Data includes beginning and ending reference posts and surface type in the construction records. Where possible, the limits of the pavement sections are kept the same for both directions. Each project sheet includes:

1. Project Information - pertinent design data.
2. Rehabilitation Strategy- completed contracts and planned projects in the Interstate Needs Report.
3. Project location map.
4. Summary pavement condition data from Integrated Highway Inventory System.

The 2020 pavement condition data is from PathRunner inertial profilers. These vehicles utilize a 3D imaging system and line lasers to collect data such as International Roughness Index (IRI), faulting, and rutting.

Disclaimer

“The preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 for Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation."

Executive Summary

The Interstate Task Force convened in the spring of 2021, to continue their work on improving the Nebraska Interstate System. A team of decision makers from Districts: 1, 2, 4, and 6, and Materials and Research travel the Interstate System.

The task force is assigned the following responsibilities:

1) Conduct field inspection of the Interstate in the spring along with a representative from the Federal Highway Administration.
2) Review existing strategies for the various Interstate segments for possible changes or updates.
3) Update the cost and life of strategies.
4) Make sure all Interstate needs are identified.
5) Prioritize and develop 1 & 5 year plans.

Contributions from Business Technology Support, Communications, Program Management, Construction and lastly Materials and Research Divisions enabled the preparation of this report.

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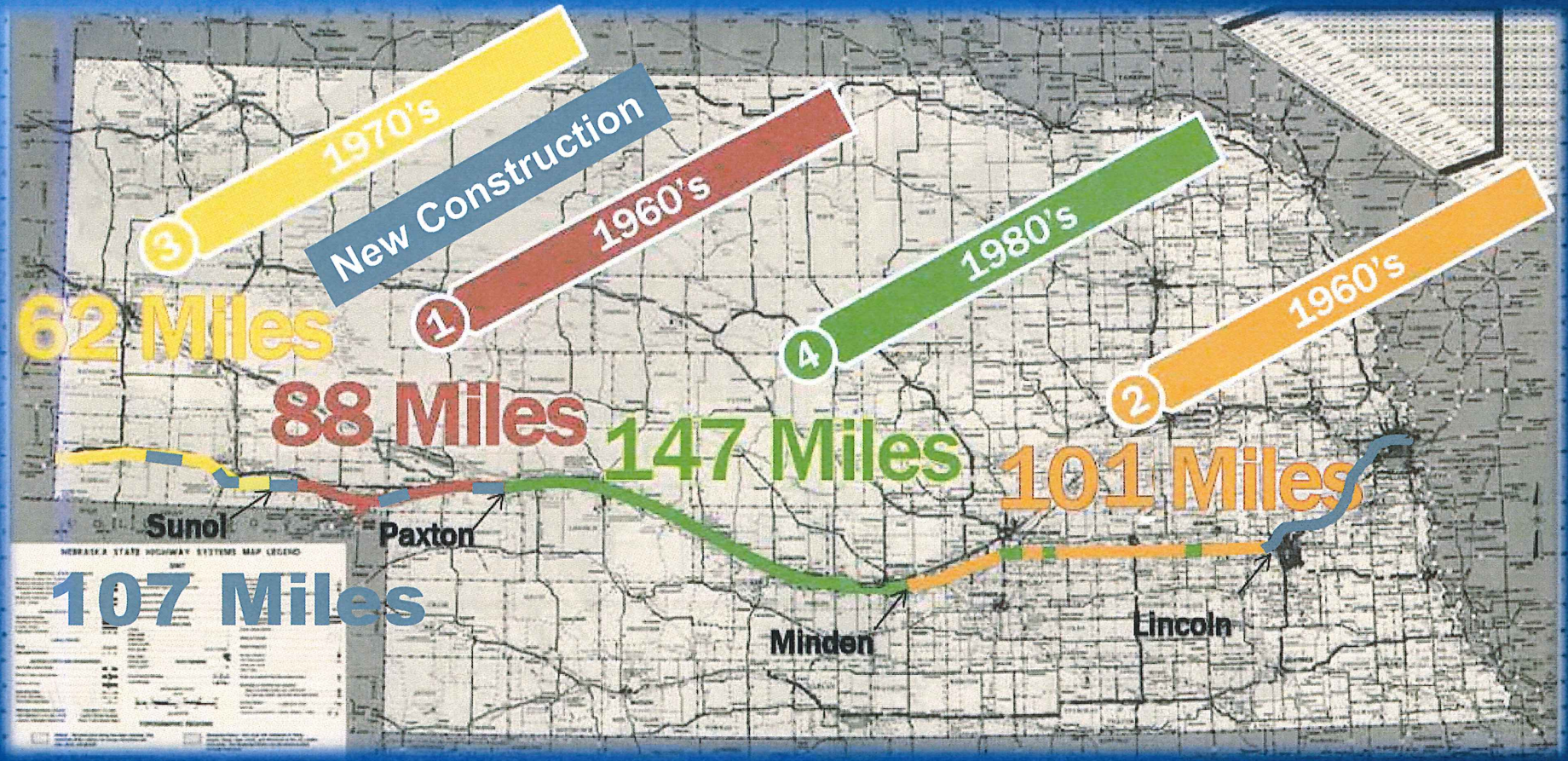
Interstate – Pavement Characteristics Summary



Type 1
- 35-45 Years Old

Type 2
- 40-50 Years Old

Type 3
- 35-45 Years Old

Type 4
- 15-25 Years Old

PRELIMINARY as of May 5, 2021 (1 and 5 year Program Subject to Funding analysis)												
Program Year	Control	Project No	Location	Letting	Est Stat	Type of Improvement	Interstate	Bridge	Allocated	Safety	ITS	Total Est
2022												
	51583	NH-80-1(196)	Bushnell - West Kimball	16-Dec-21	45	4-Lane Gr, Str, Conc Pvmt	44,723					44,724
	51583A	NH-80-1(200)	Bushnell - West Kimball Crossover	16-Dec-21	45	Crossover	963					963
	51535	NH-80-1(192)	Brownson East	30-Sep-21	45	Conc Pvmt, Br, Rest Area Rehab	41,892	2,273				45,506
	51589	NH-80-2(111)	Sunol - Lodgepole	22-Jul-21	10	Joint Seal	583					584
	61639	NH-80-3(161)	Sutherland - Hershey	22-Jul-21	10	Crack Seal	168					167
	61637	NH-80-4(149)	South Channel Platte River - Brady	22-Jul-21	10	Crack Seal	368					367
	61661	NH-80-4(153)	Gothenburg - Cozad	26-Aug-21	50	Mill, Resurf, Br Repair	4,068	536				4,624
	61642	NH-80-4(152)	Cozad - Darr	22-Jul-21	50	Crack Seal	466					467
	61587A	NH-80-5(78)	Lexington - Overton Crossovers	16-Dec-21	50	Crossovers	1,842					1,841
	61587	NH-80-5(75)	Lexington - Overton (Reconst)	16-Dec-21	45	Conc Pvmt	44,937					44,938
	42756A	NH-80-5(77)	Dawson Co Line - Odessa Crossovers	12-May-22	45	Crossovers	2,993					2,993
	42794	NH-80-6(113)	Gibbon - Shelton	26-Aug-21	45	Mill, Resurf	7,775					7,775
	42888	NH-80-7(169)	Giltner East	26-Aug-21	45	Mill, Resurf, Br Repair	5,464	890				6,355
	42841A	NH-80-7(167)	Henderson - York	22-Jul-21	30	Mill, Resurf	5,790					5,790
	13218	NH-80-9(73)	Greenwood - N-66	26-Aug-21	60	Joint Seal	952					954
	22724	NH-80-9(109)	13th St - Iowa Line, Omaha	22-Jul-21	50	Joint / Crack Seal	370					370
	22708	NH-480-9(6)	Dewey St - 20th St, Omaha	22-Jul-21	30	Joint Seal	164		540			704
TOTAL							163,518	3,699	540			169,122

PRELIMINARY as of May 5, 2021 (1 and 5 year Program Subject to Funding analysis)												
Program Year	Control	Project No	Location	Letting	Est Stat	Type of Improvement	Interstate	Bridge	Allocated	Safety	ITS	Total Est
2023												
	51590	NH-80-1(199)	West Sidney - East Sidney	25-Aug-22	10	Joint Seal	561					561
	51619	NH-80-2(116)	L-17J Interchange Lighting In Sidney	12-May-22	05	Interchange Lighting	105					105
	51275A	NH-80-1(169)	Sidney EB Rest Area Buildings	15-Dec-22	50	Rest Area Rehab	4,244					4,244
	61586A	NH-80-3(157)	Ogallala - Roscoe Crossovers	11-May-23	30	Crossovers	2,883					2,883
	61522	NH-80-4(141)	Darr - Lexington (Resurf)	25-Aug-22	10	Mill, Resurf	7,646					7,646
	61664	NH-80-5(86)	Overton East (Reconst)	29-Sep-22	30	Reconst, Br	36,093	2,370				38,464
	42756	NH-80-5(76)	Dawson Co Line - Odessa	25-Aug-22	45	4-Lane Gr, Str, Conc Pvmt	40,181	5,094				45,275
	42921	NH-80-6(119)	Wood River - Platte River	24-Aug-23	05	Crack Sealing	283					283
	42920	NH-80-6(118)	Platte River - Phillips	21-Jul-22	05	Crack Sealing	180					180
	42791	NH-80-7(163)	Phillips - Giltner	25-Aug-22	50	Mill, Resurf, Br Repair	8,230	812				9,042
	42841B	NH-80-7(168)	York - Waco	25-Aug-22	10	Mill, Resurf, Br Repair	10,900	413				11,314
	13356	NH-80-8(159)	York/Seward Co Line - Goehner	25-Aug-22	10	Mill, Resurf, Br Repair	5,154	271				5,426
	13283	NH-80-9(92)	I-80 Barrier, Lincoln	21-Jul-22	10	Barrier Seal	265					265
	13444	NH-80-8(163)	Seward - Pleasant Dale Intch Lighting	03-Nov-22	05	Lighting	755					756
	22623	NH-80-9(90)	I-80/480/680 Barrier, Omaha	21-Jul-22	05	Barrier Seal	864					865
	22822	NH-80-9(118)	60th St - 24th St, Omaha	29-Sep-22	05	Mill, Resurf, Br Maint	7,035					7,035
	22823	NH-80-9(119)	13th St West, Omaha	25-Aug-22	05	Crack Seal	40					40
	22824	NH-480-9(12)	Bancroft St - Dewey St, Omaha	25-Aug-22	05	Crack Seal	90					90
TOTAL							125,509	8,960				134,474

PRELIMINARY as of May 5, 2021 (1 and 5 year Program Subject to Funding analysis)												
Program Year	Control	Project No	Location	Letting	Est Stat	Type of Improvement	Interstate	Bridge	Allocated	Safety	ITS	Total Est
2024												
	51584	NH-80-1(197)	Kimball East & West	24-Aug-23	05	4-Lane Gr, Str, Conc Pvmt	26,064					26,063
	51585	NH-80-2(109)	Sidney - Sunol	24-Aug-23	05	Resurf	10,435					10,434
	51625	NH-80-2(117)	Sidney WB Rest Area Parking Lot & Ramps	14-Dec-23		Parking, Ramps	3,974					3,975
	51276A	NH-80-2(92)	Sidney WB Rest Area Building	24-Aug-23	15	Rest Area Rehab	1,120					1,120
	51591	NH-80-2(112)	Oshkosh - I-76	24-Aug-23	05	Joint Seal	224					225
	61643	NH-80-3(162)	Big Springs - Brule	20-Jul-23	05	Joint & Surf Seal	893					893
	61586	NH-80-3(156)	Ogallala - Roscoe	24-Aug-23	30	Conc Pvmt, Rest Area Rehab	51,306					51,307
	61371A	NH-80-3(155)	Ogallala WB Rest Area Buildings	16-May-24	05	Rest Area Rehab	1,234					1,234
	61663	NH-80-4(154)	Brady East (Resurf)	24-Aug-23	05	Mill, Resurf	1,475					1,476
	61670A	NH-80-4(157)	Cozad - Darr Crossovers	11-May-23		Crossovers	1,471					1,334
	42852	NH-80-5(83)	Odessa - Kearney (EB)	24-Aug-23	30	Gr, Conc Pvmt, Br	31,899	2,649				34,548
	42852A	NH-80-5(84)	Odessa - Kearney East Crossover	24-Aug-23	10	Crossover	922					922
	42854	NH-80-6(116)	Minden - Gibbon	24-Aug-23	05	Mill, Resurf	1,781					1,781
	42886	NH-80-6(117)	Wood River Interchange	24-Aug-23	10	Lower Rdwy for Br Clearance	63		1,909			1,971
	42923	HSIP-80-8(165)	York - Utica (CMB)	24-Aug-23	05	Build Cable Median Barrier	1			5,511		5,512
	13458	NH-80-8(166)	Airpark - I-180	24-Aug-23	05	Jt Seal, Conc Repair	1,433					1,433
TOTAL							134,295	2,649	1,909	5,511		144,228

PRELIMINARY as of May 5, 2021 (1 and 5 year Program Subject to Funding analysis)												
Program Year	Control	Project No	Location	Letting	Est Stat	Type of Improvement	Interstate	Bridge	Allocated	Safety	ITS	Total Est
2025												
	51629	NH-80-1(204)	Wyoming Line - Bushnell	29-Aug-24	05	Conc Seal	754					754
	51630	NH-80-1(205)	East Kimball - Potter	29-Aug-24	05	Conc Seal	930					930
	51628	NH-80-1(203)	Potter - Brownson	29-Aug-24	05	Conc Repair, Jt Seal	1,930					1,930
	51627	NH-80-2(118)	West of Lodgepole - West of Chappell	29-Aug-24	05	Conc Repair, Jt Seal	1,930					1,930
	61670	NH-80-4(155)	Cozad - Darr (Resurf)	29-Aug-24	05	Resurf, Br	50,637					50,639
	22821	NH-80-9(116)	N-50 - 50th St, Omaha	29-Aug-24	05	Dia Grind, PCC Repair, S-Seal	7,608					7,608
	13459	NH-180-9(7)	Cornhusker South	29-Aug-24	05	Mill, Resurf	847					847
TOTAL							64,636					64,638

PRELIMINARY as of May 5, 2021 (1 and 5 year Program Subject to Funding analysis)												
Program Year	Control	Project No	Location	Letting	Est Stat	Type of Improvement	Interstate	Bridge	Allocated	Safety	ITS	Total Est
2026												
	61662	NH-80-5(85)	Dawson/Buffalo Co Line West	28-Aug-25	10	Resurf	1,995					1,995
	12790B	NH-80-8(162)	Seward - Lincoln		10	PE, ROW, Util	204,871	5,135				210,005
TOTAL							206,866	5,135				212,000

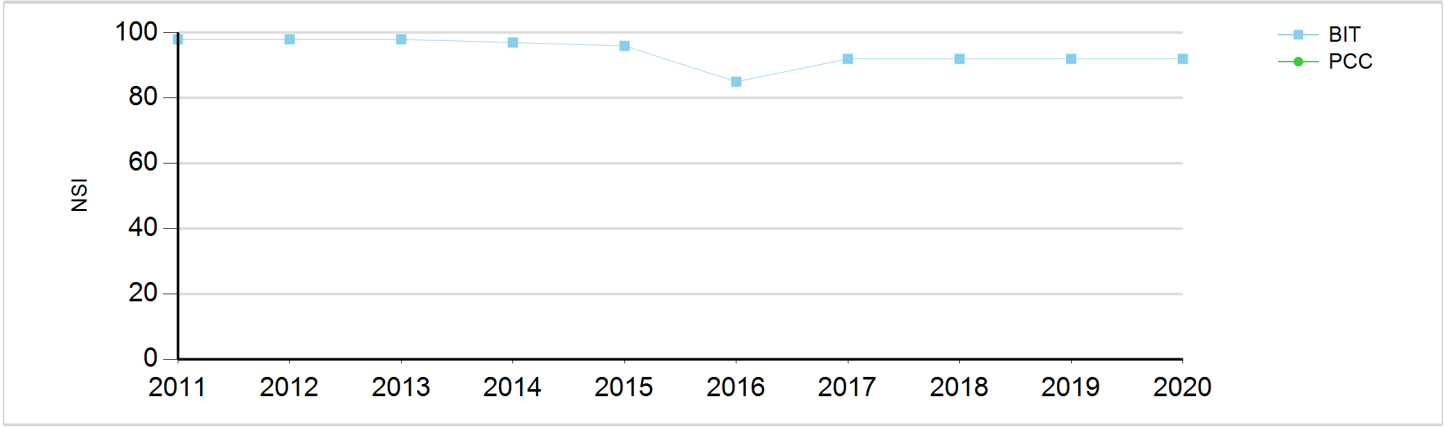
Nebraska Interstate Rehabilitation Strategies
Updated 02-11-2011

DGR		***Joint Repair, Retrofit Dowel Bars, Diamond Grind, and Joint Seal*** This strategy will apply only to PCC pavements outside of the 6-lane improvement area that do not have Dowel Bars. The DGR' s are planned when the non-doweled PCC pavements reach 20 years of age or when programmed by the Interstate Task Force.
JRG		***Joint Repair, Diamond Grind, and Joint Seal*** This strategy will apply to PCC pavements outside of the 6-lane improvement area that have Dowel Bars. The JRG' s are planned when the doweled PCC pavements reach 20 years of age or when programmed by the Interstate Task Force.
M&O		***Mill and Overlay*** Mill 4" x 27' or 28' and replace with 4" x 27' or 28' SP-5 (roadway) Mill1.5" from the outside shoulder and replace with 1.5" SPS This strategy applies to non-superpave AC pavements that have an age of 12 years. This strategy is given a life of 12 years.
M&I		***Mill and Inlay*** Mill 2" x 27' and replace with 2" x 27' SP-5 This strategy applies to superpave AC pavements that have an age of 8 years. This strategy is given a life of 8 years.
OVR		***Concrete Repair and Overlay*** 4" x 27' SP-5 (roadway and inside shoulder) and 4" SPS on outside shoulder This strategy applies to PCC pavements that have reached an age of 35 years. This strategy is given a life of 12 years.
JTS		***Joint Seal*** This strategy applies to PCC pavements. It will be applied 8 years after the PCC pavements have been built or 8 years after a DRG or JRG and then every 8 years following until the PCC pavements reach an age of 35 years.
CRK		***Crack Seal*** This strategy applies to AC pavements. It will be applied 5 years after an OVR, M&I, or M&O and a second crack seal will be planned within the next 7 years before the AC payements reach an age of 12 years.
6LN		***6 Lane Improvement*** This strategy applies to the interstate area that will require 6lanes within the.20-year study time frame. These sections are being constructed with 14 inch doweled PCC pavement and are designed for a 35-year life.

Pavement Condition History Data

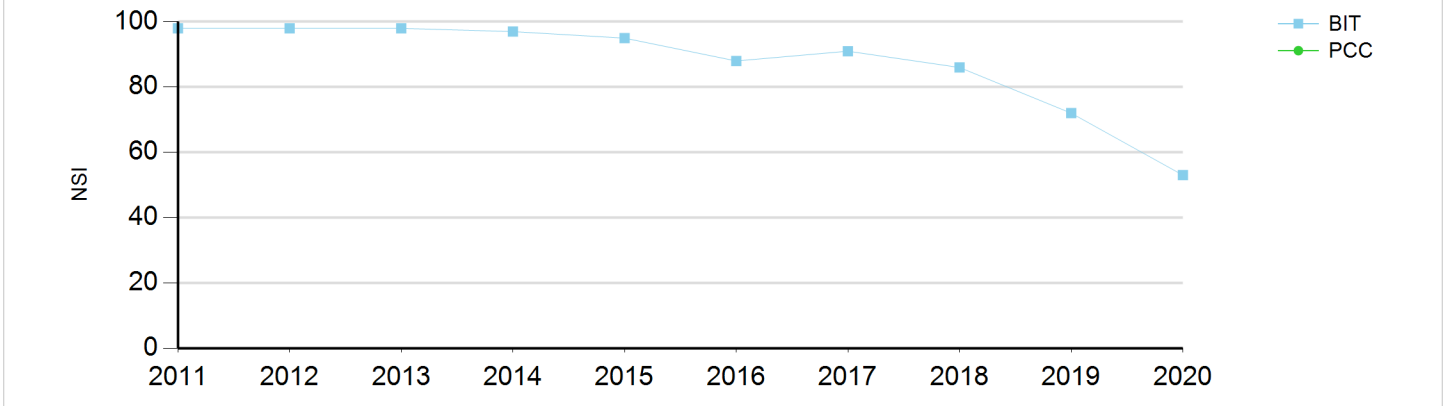
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
076	0.00	3.15	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	98	98	98	97	96	85	92	92	92	92
NSI PCC										
IRI	0.62	0.64	0.65	0.70	0.78	0.83	0.86	1.10	0.74	0.75
PSI	4.3	4.3	4.3	4.3	4.3	3.9	4.3	4.2	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	70	70	70	70	70	70	98	100	38	38
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.3	2.7	3.1	2.2	2.3	6.7	2.8	3.0	1.0	1.2
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
076	0.00	3.15	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	98	98	98	97	95	88	91	86	72	53
NSI PCC										
IRI	0.66	0.69	0.73	0.75	0.88	0.97	0.95	1.57	1.74	1.02
PSI	4.3	4.3	4.3	4.3	4.3	4.1	4.3	4.1	3.8	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	70	70	70	70	70	70	98	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.4	3.1	2.9	2.1	2.3	0.9	2.7	2.9	2.8	1.9
% Over 13mm										
Rut Depth -PL										



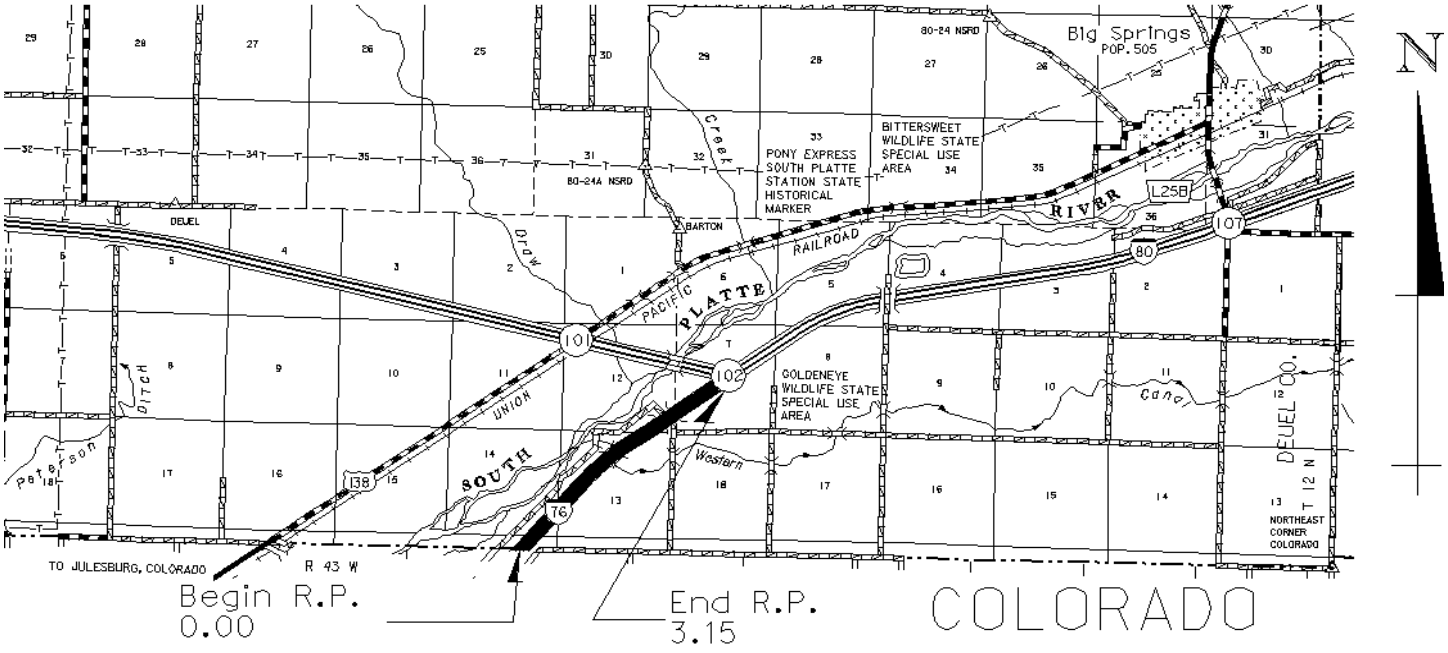
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
076	0.00 - 3.15	3.15	6	COLO/NEBR LN-I80	7510	2140

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-80-3(119)	24'	46' 6"	Wire	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8"	47C	1967	5"	SP5, A Spec	1988, 1998, 2011

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	9		100.0		100.0	8	2026	2030		
Descending	6	9		100.0		100.0	8	PSTO	2020		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1998	MILL INLAY & BR OVLY	0.000-3.150	60878A	EACIM-76-2(105)
2001	CRACK SEAL	0.000-3.150	61097	RD-76-2(1002)



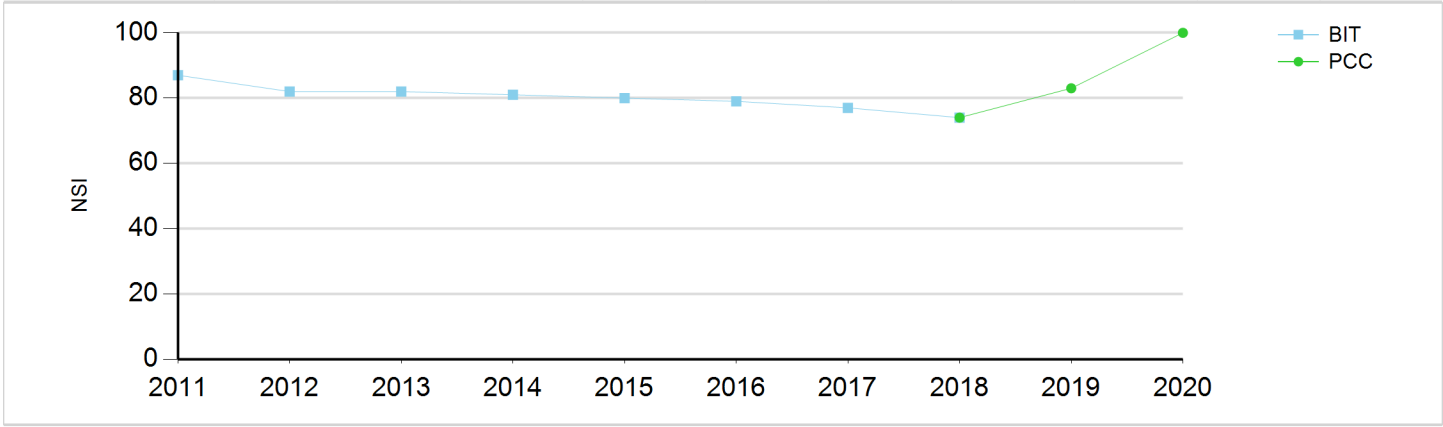
Comments:

Rebuilt 2019/2020 w/CN 61566

Pavement Condition History Data

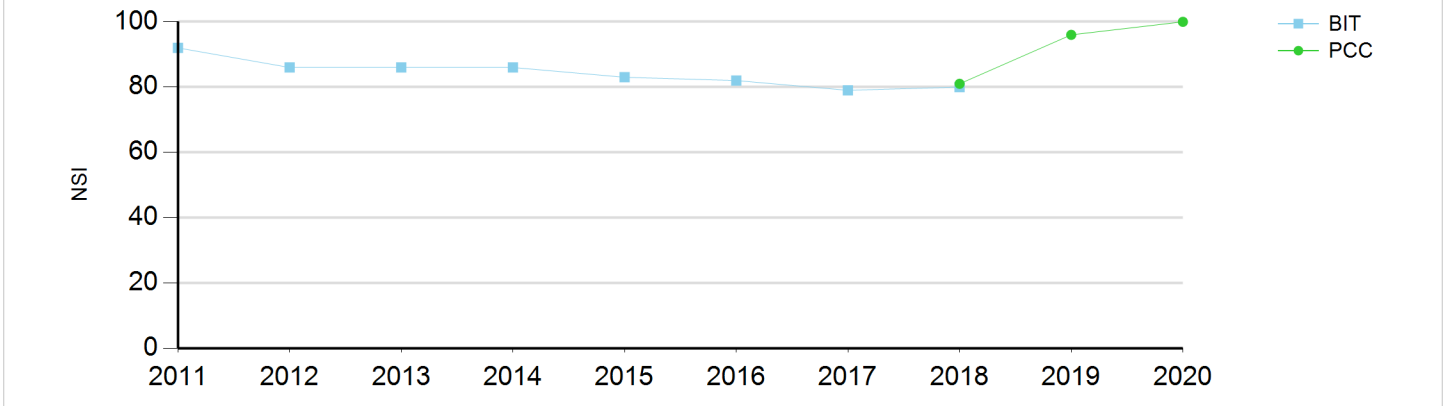
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	0.00	9.51	5	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										
NSI Bit	87	82	82	81	80	79	77	74		
NSI PCC								74	83	100
IRI	1.03	1.01	1.16	1.23	1.43	1.05	1.57	1.82	1.22	1.04
PSI	4.3	4.2	4.2	4.2	4.1	4.1	4.1	3.5	4.4	4.5
Crkng Index BIT										
Slab Distrs PCC								39	0	0
#TC BIT	71	91	91	97	97	97	93	100		
%Bad Jnts PCC								0	0	0
Faulting									0.51	0.50
Rut Depth -DL	2.2	1.8	2.8	1.3	1.7	1.4	1.6	1.8		
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	0.00	9.51	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										
NSI Bit	92	86	86	86	83	82	79	80		
NSI PCC								81	96	100
IRI	0.96	1.02	1.17	1.21	1.32	1.39	1.74	1.10	1.29	1.31
PSI	4.4	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.4	4.3
Crkng Index BIT										
Slab Distrs PCC								38	0	0
#TC BIT	50	97	97	97	88	88	81	81		
%Bad Jnts PCC								0	0	0
Faulting								0.50		0.02
Rut Depth -DL	2.1	2.1	2.4	1.3	1.7	1.8	1.7	2.0		
% Over 13mm										
Rut Depth -PL										



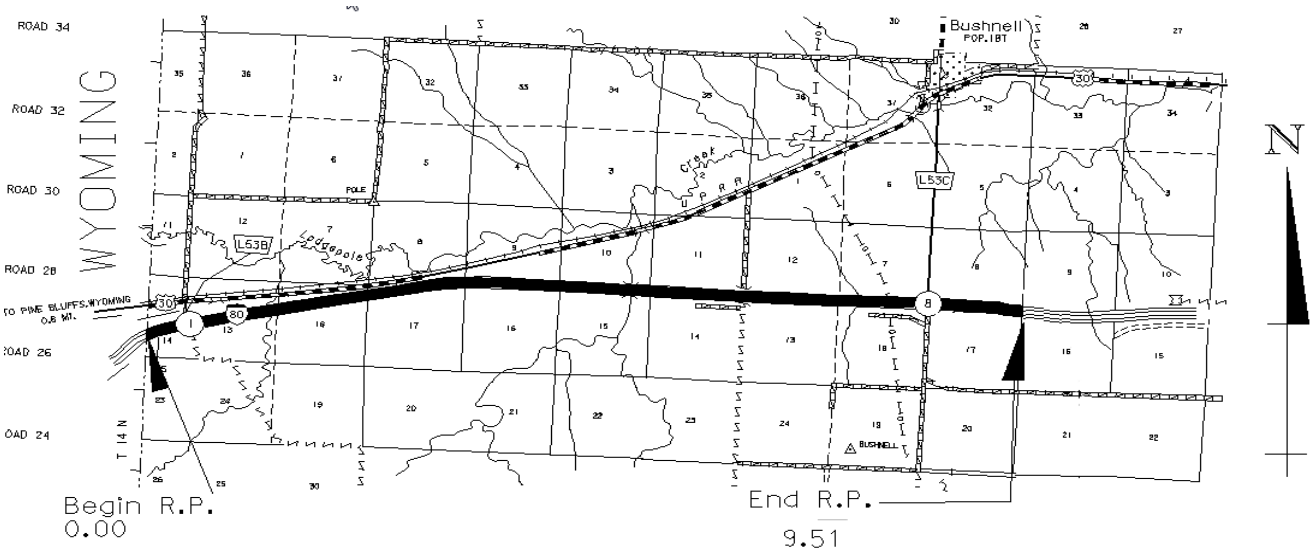
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	0.00 - 9.51	9.51	5	WYOMING LN-BUSHNELL	8010	4784

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-STP-80-1(186)	24'	16' 6"	Doweled	4" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1967, 1970, 2018			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8			1.0	98.0	100.0	9			2040	2046
Descending	8			1.0	98.0	100.0	10			2040	2046

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2016	Conc Repair	0.000-9.510	51551	NH-80-1(193)
2018	4-Lane Gr, Conc Pvmt, Br	0.000-9.510	51518	NH-STP-80-1(186)
2021	Microsurfacing	9.000-20.000	51603	NH-80-1(201)
2022	4-Lane Gr, Str, Conc Pvmt	9.500-19.000	51583	NH-80-1(196)
2025	Conc Seal	0.000-9.510	51629	NH-80-1(204)



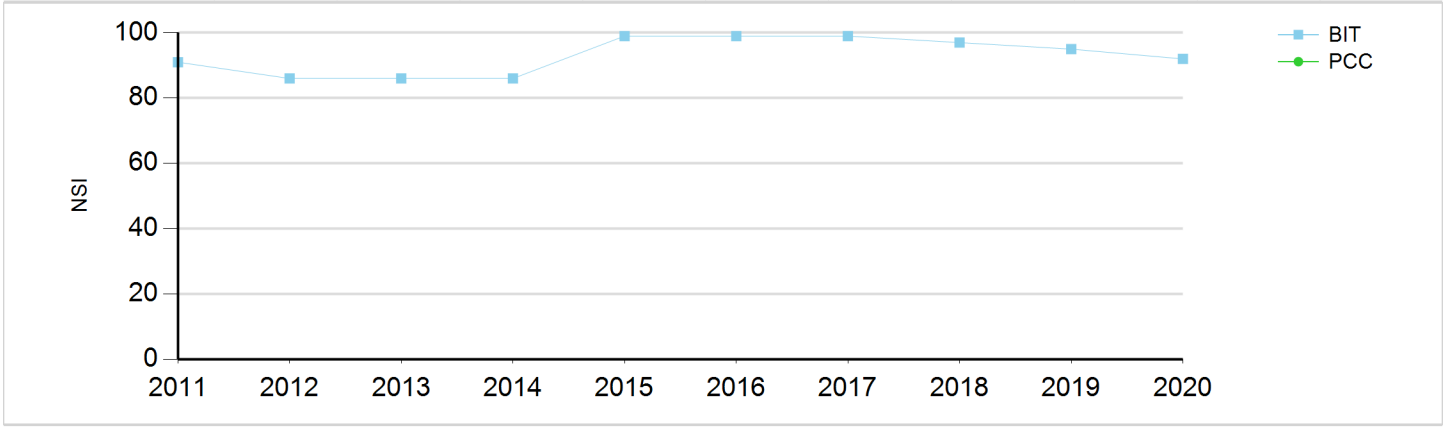
Comments:

Overlay in bad shape. Need band-aide to last one yr.
Shld M/F removed Jul 2015
PCC Repair let Jun 2018. Review condition of EB ML to determine if Repair costs seem appropriate. Consultant worried about possible HMA debonding in addition to pumping.
2018 ITF - Previous comments related to 2016 repair. Rebuild to begin this season.
Add silane sealer project because it was built with old spec with light wt. pieces. BB
2021- Project complete in 2020. Sealer programmed.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	9.51	20.00	5	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	91	86	86	86	99	99	99	97	95	92
NSI PCC										
IRI	0.98	0.99	1.09	0.98	0.93	0.96	1.03	1.14	1.16	1.27
PSI	4.3	4.3	4.2	4.3	4.4	4.4	4.3	4.3	4.2	4.2
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	100	100	100	100	0	0	0	14	15	32
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.2	2.2	4.4	1.7	2.1	1.8	2.4	2.6	2.9	3.0
% Over 13mm										
Rut Depth -PL										



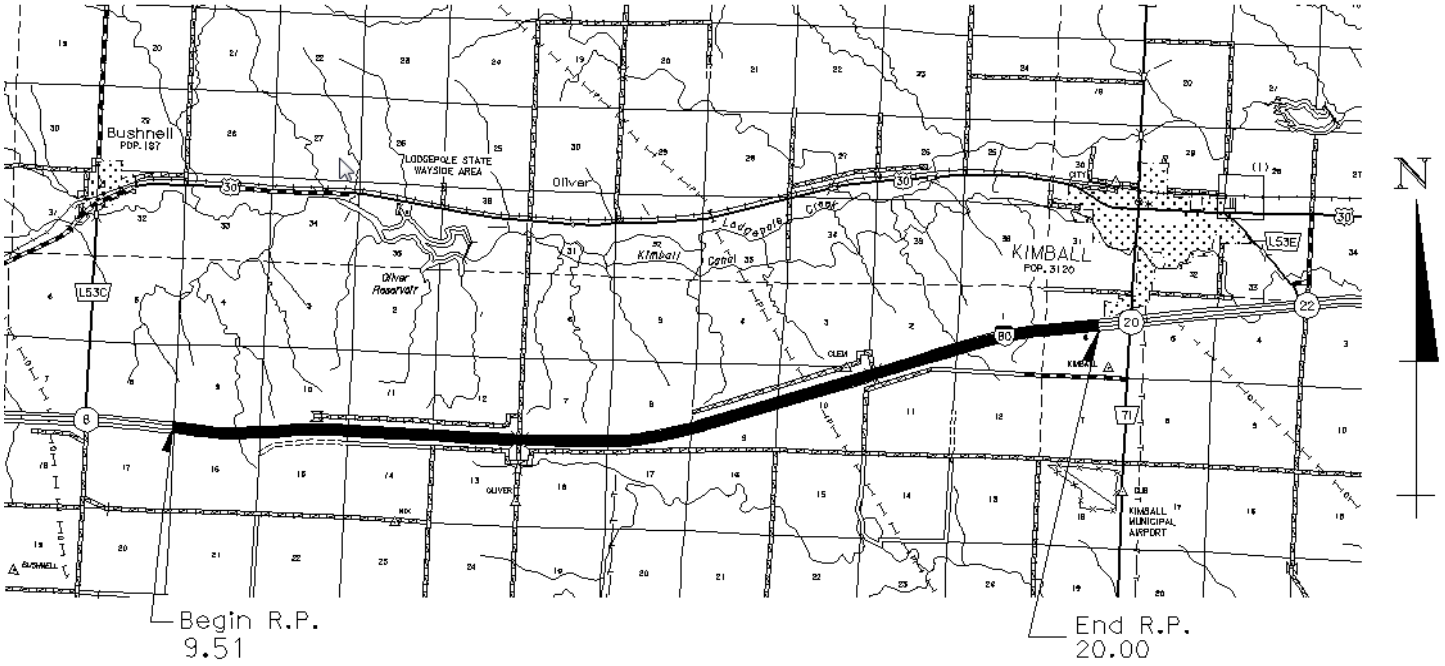
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	9.51 - 20.00	10.49	5	BUSHNELL-WEST KIMBALL	4015	2397

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-1(27)	24'	46'6"	Wire	4" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8"	47B	1971	5"	2" SPH	1999, 07, 16

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	6			100.0		100.0	6	2028	2032		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1993	JOINT REPAIR RESURF	8.920-20.310	50675	IM-80-1(141)
1999	JT REPAIR RESURF	8.970-20.040	50675A	EACIM-80-1(156)
2014	Mill, Resurf	9.000-20.000	51516	RD-80-1(1048)
2021	Microsurfacing	9.000-20.000	51603	NH-80-1(201)
2022	4-Lane Gr, Str, Conc Pvmt	9.500-19.000	51583	NH-80-1(196)
2022	Crossover	19.000-19.000	51583A	NH-80-1(200)
2024	4-Lane Gr, Str, Conc Pvmt	19.000-23.490	51584	NH-80-1(197)



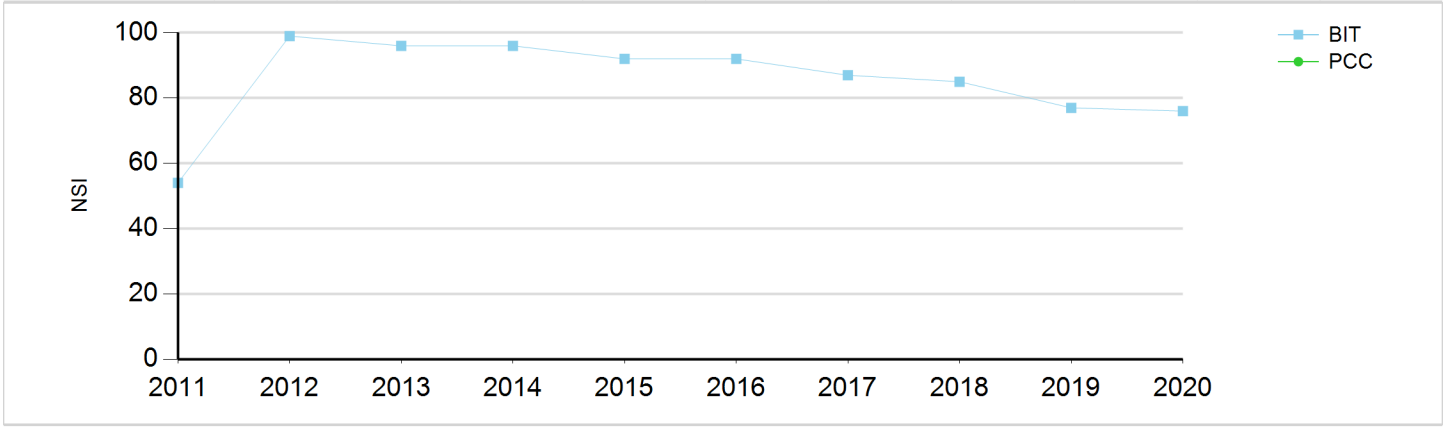
Comments:

2018 ITF - Program crack seal.
Will put in 2020 for now. May cancel in future depending on condition and rebuild in 2022.
Jan 2019 - Wheel Path cracking present in brittle asphalt. Routering may lead to spalling. Matt B. requesting direction on 2020 crack seal (CN 51603)
2020 ITF - EB slightly better than WB. WB in good shape including rumble strips. Plan to microsurface EB and go head to head. CN 51603 microsurface is in 2021.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	9.51	20.39	5	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	54	99	96	96	92	92	87	85	77	76
NSI PCC										
IRI	1.37	0.59	0.63	0.61	0.64	0.68	0.71	0.81	0.87	0.92
PSI	3.8	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	100	0	0	70	67	67	96	90	97	97
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	5.2	1.9	4.6	2.4	2.6	2.5	3.0	3.5	3.7	3.8
% Over 13mm										
Rut Depth -PL										



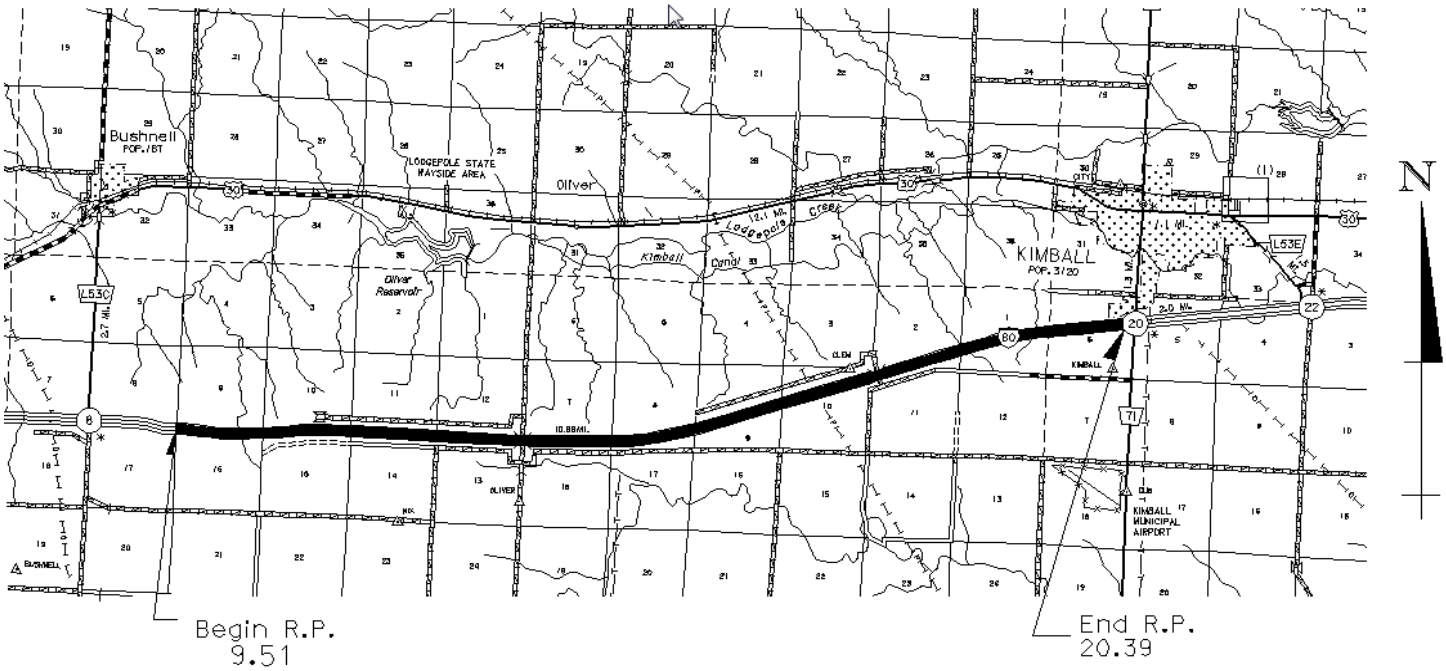
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	9.51 - 20.39	10.88	5	BUSHNELL-WEST KIMBALL	4015	2397

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-1(27)	24'	46' 6"	Wire	4" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8"	47B	1971	5"	2" SP5	2000, 2012, 2016

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	8		100.0		100.0	7	2023	2027		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1993	JOINT REPAIR RESURF	8.920-20.310	50675	IM-80-1(141)
1997	FOG SEAL	8.920-20.310	51034	RD-80-1(1009)
1999	JT REPAIR RESURF	8.970-20.040	50675A	EACIM-80-1(156)
2000	MILL & INLAY	9.010-20.400	50675B	EACIM-80-1(163)
2004	CRACK SEAL	9.000-20.000	51252	RD-80-1(1023)
2007	MILL INLAY	0.000-20.000	51306	RD-80-1(1028)
2011	MILL INLAY	8.920-20.310	51309	IM-80-1(171)
2013	Crack Seal	0.000-20.390	51492	RD-80-1(1043)
2014	Mill, Resurf	9.000-20.000	51516	RD-80-1(1048)
2021	Microsurfacing	9.000-20.000	51603	NH-80-1(201)
2022	Crossover	19.000-19.000	51583A	NH-80-1(200)
2022	4-Lane Gr, Str, Conc Pvmt	9.500-19.000	51583	NH-80-1(196)
2024	4-Lane Gr, Str, Conc Pvmt	19.000-23.490	51584	NH-80-1(197)



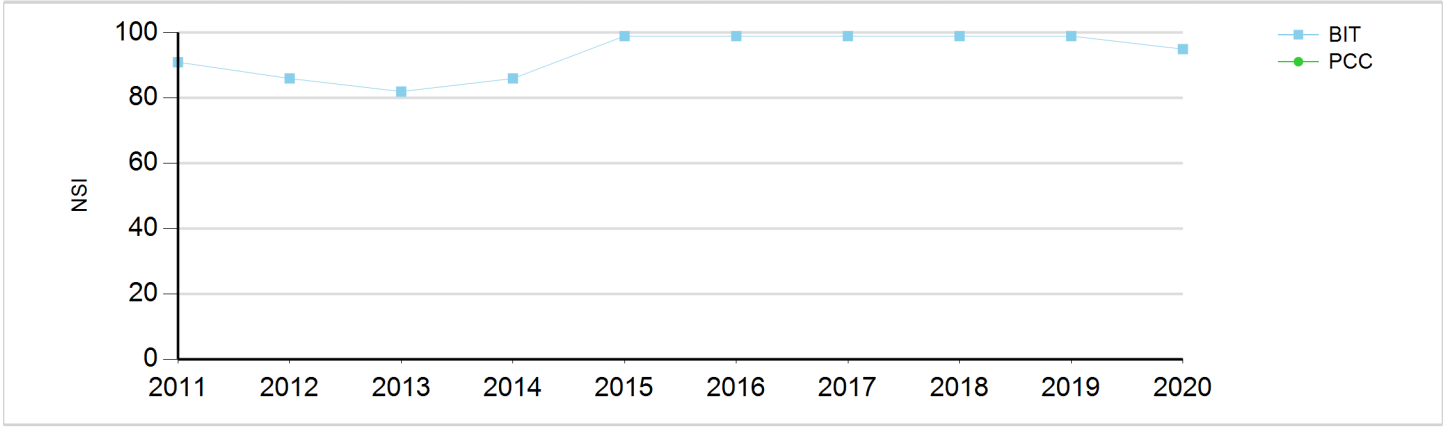
Comments:

2018 ITF - Program crack seal.
Will put in 2020 for now. May cancel in future depending on condition and rebuild in 2022.
Jan 2019 - Wheel Path cracking present in brittle asphalt. Routering may lead to spalling. Matt B. requesting direction on 2020 crack seal (CN 51603)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	20.00	23.44	5	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	91	86	82	86	99	99	99	99	99	95
NSI PCC										
IRI	0.93	0.97	0.96	1.12	0.70	0.73	0.78	0.93	0.93	0.96
PSI	4.2	4.1	3.9	4.1	4.4	4.4	4.4	4.4	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	35	35	35	0	0	0	8	10	17
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.3	4.4	7.4	3.7	2.2	1.7	1.9	2.0	2.4	2.3
% Over 13mm			0.8							
Rut Depth -PL										



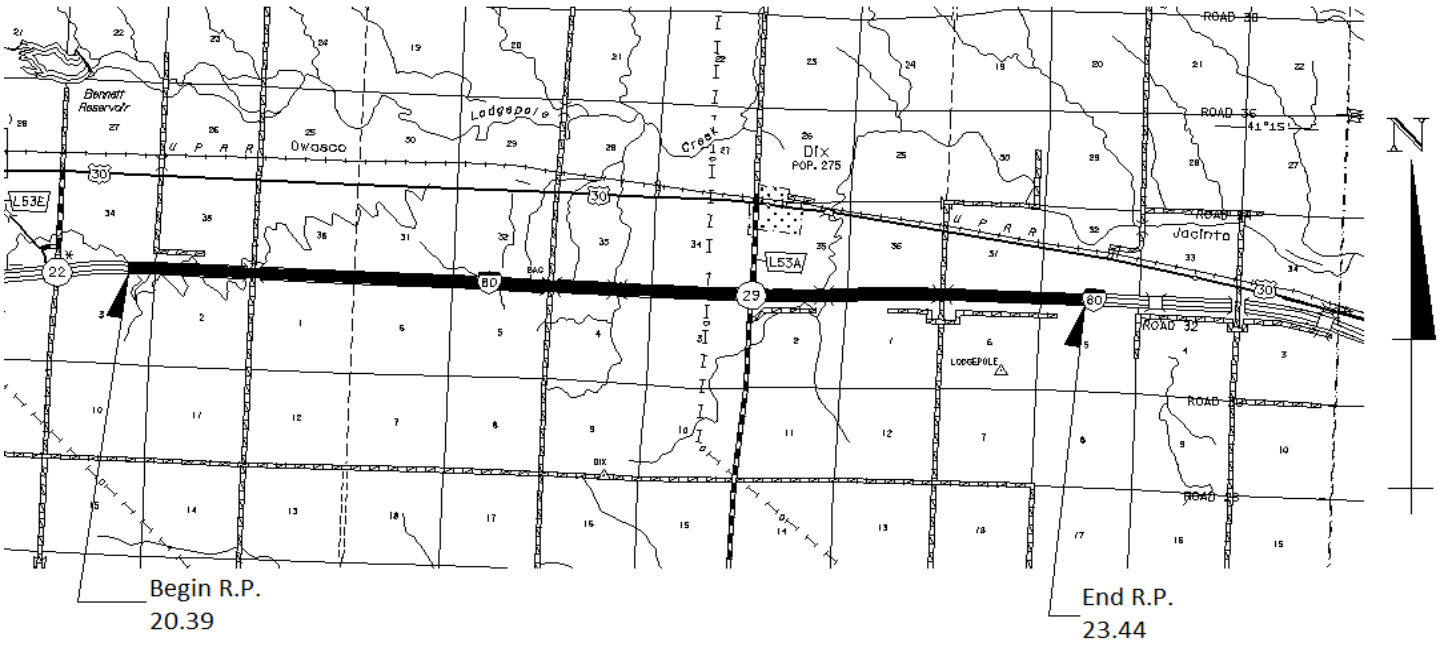
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	20.00 - 23.44	3.44	5	WEST KIMBALL-EAST KIMBAL	3930	2415

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-1(27)	24'	46' 6"	Wire	4" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8"	47B	1971	4"	2" SPH	2004, 2015

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	6		2.0	97.0		100.0	9	2029	2033		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1996	JT REPAIR RESURF	20.310-23.430	50672	IM-80-1(1010)
1998	CRACK SEALING	20.310-23.430	51057	RD-80-1(1012)
2004	MILL, INLAY	20.000-23.430	51151	IM-80-1(166)
2015	Mill, Resurf	20.000-23.490	51342	IM-80-1(176)
2024	4-Lane Gr, Str, Conc Pvmt	19.000-23.490	51584	NH-80-1(197)

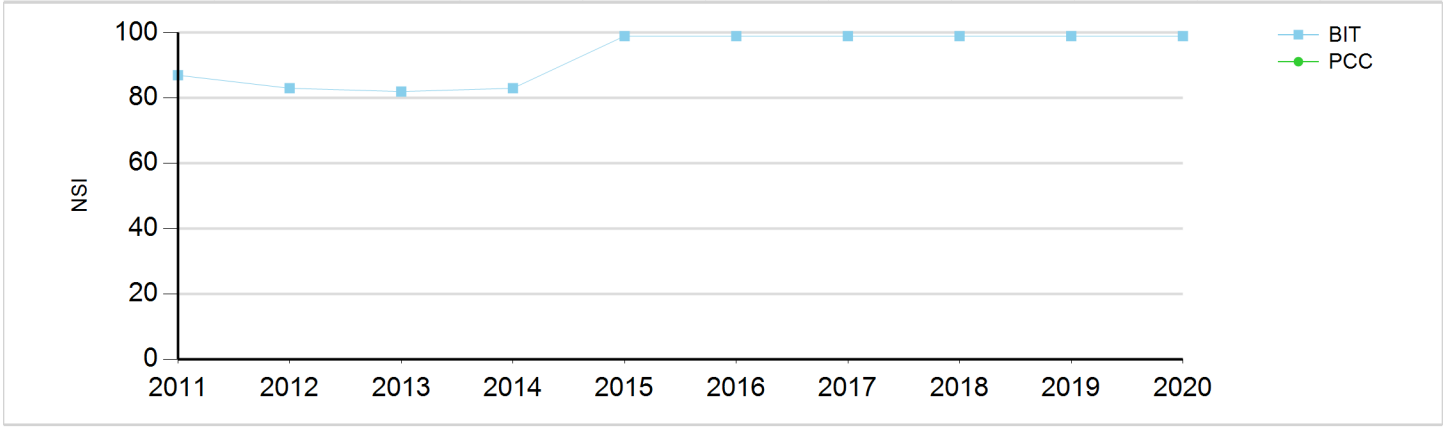


Comments:

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	20.39	23.44	5	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	87	83	82	83	99	99	99	99	99	99
NSI PCC										
IRI	0.96	0.99	0.98	1.22	0.75	1.03	0.98	0.95	1.02	1.14
PSI	4.1	4.1	4.0	4.0	4.4	4.4	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	52	52	52	0	0	0	10	10	10
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.7	3.1	5.5	4.2	2.2	1.3	1.8	2.2	2.4	2.5
% Over 13mm			1.4							
Rut Depth -PL										



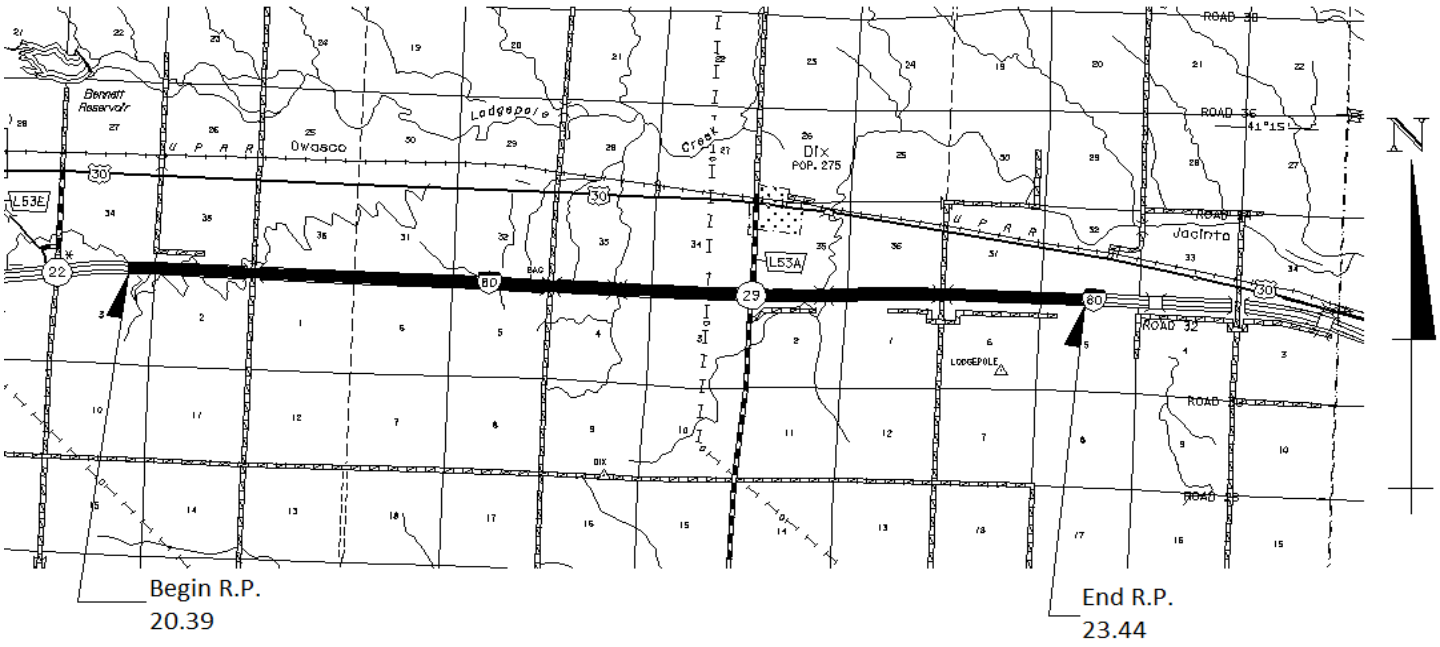
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	20.39 - 23.44	3.05	5	WEST KIMBALL-EAST KIMBAL	3920	2417

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-1(27)	24'	46' 6"	Wire	3-4" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8"	47B	1971	4"	2" SPH	2004, 2015

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	5	2.0	97.0		100.0	9	2030	2034		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1996	JT REPAIR RESURF	20.310-23.430	50672	IM-80-1(1010)
1998	CRACK SEALING	20.310-23.430	51057	RD-80-1(1012)
2004	MILL, INLAY	20.000-23.430	51151	IM-80-1(166)
2015	Mill, Resurf	20.000-23.490	51342	IM-80-1(176)
2024	4-Lane Gr, Str, Conc Pvmt	19.000-23.490	51584	NH-80-1(197)



Comments:

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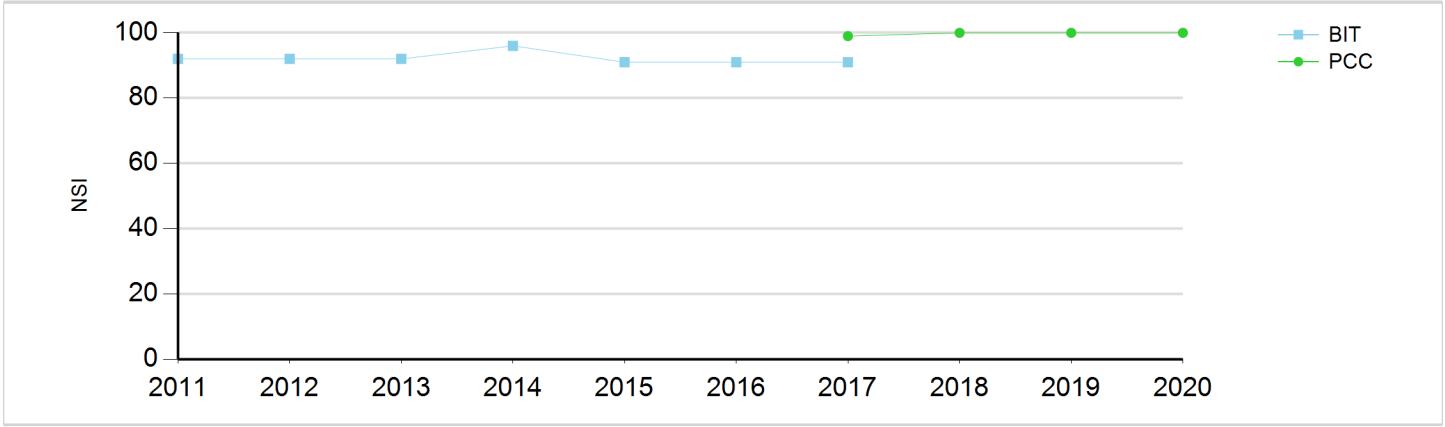
Pavement Condition History Data

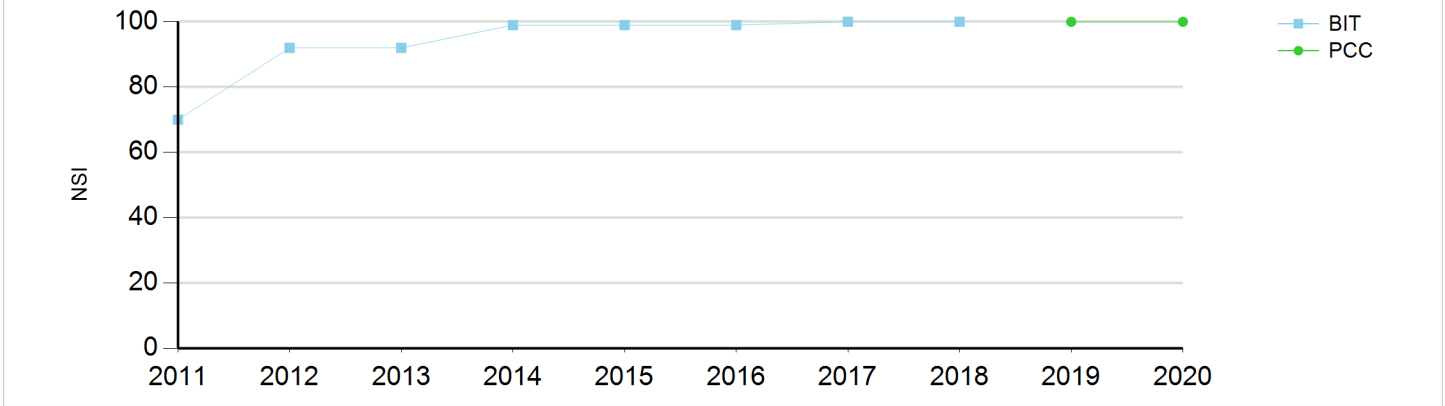
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	23.44	35.17	5	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit	92	92	92	96	91	91	91			
NSI PCC							99	100	100	100
IRI	0.66	0.66	0.72	0.69	0.73	0.77	0.69	1.10	1.06	1.06
PSI	4.3	4.2	4.2	4.3	4.2	4.2	4.7	4.5	4.5	4.5
Crkng Index BIT										
Slab Distrs PCC							0	0	0	0
#TC BIT	70	100	100	100	100	100	100			
%Bad Jnts PCC							0	0	0	0
Faulting							1.14		0.61	0.76
Rut Depth -DL	2.2	2.2	4.4	1.7	1.7	1.6	2.9			
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	23.44	35.17	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit	70	92	92	99	99	99	100	100		
NSI PCC									100	100
IRI	1.36	0.51	0.59	0.57	0.65	0.73	0.77	0.94	1.07	1.05
PSI	3.7	4.3	4.2	4.3	4.3	4.3	4.2	4.3	4.5	4.5
Crkng Index BIT										
Slab Distrs PCC									0	0
#TC BIT	91	0	24	21	28	28	7	7		
%Bad Jnts PCC									0	0
Faulting									0.01	
Rut Depth -DL	6.2	1.9	4.7	2.2	2.4	2.0	5.1	1.3		
% Over 13mm										
Rut Depth -PL										



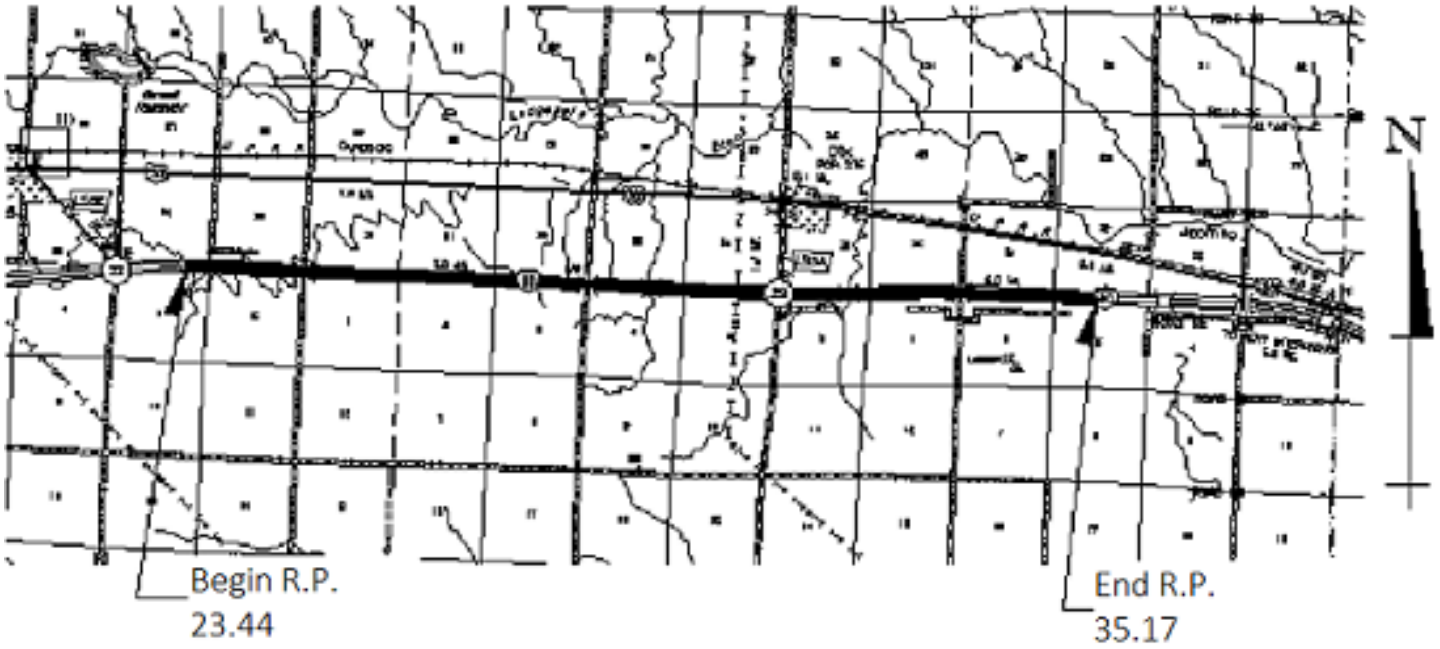
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	23.44 - 35.17	11.73	5	EAST KIMBALL-POTTER	7634	4786

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
S-80-1(1049)	24'	16' 6"	Doweled	3-4" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1973, 2015			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	1			100.0	100.0	10			2040	2046
Descending	8	1			100.0	100.0	10			2040	2046

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2017	4-lane Gr, Conc Pvmt	23.490-35.180	51520	S-80-1(1049)
2017	Crossovers	23.490-23.490	51520A	S-80-1(1050)
2025	Conc Seal	23.440-35.170	51630	NH-80-1(205)



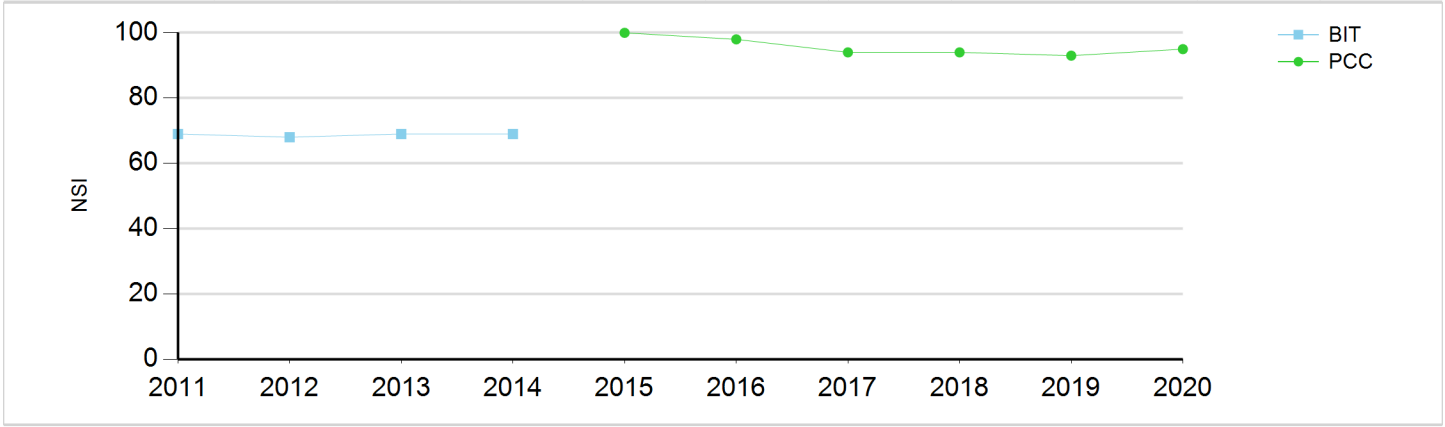
Comments:

Rebuilt in 2017/2018 w/CN 51520
2020 Built with old spec with light wt. pieces. Need penetrating sealer project. BB
2020 ITF - Program penetrating sealer

Pavement Condition History Data

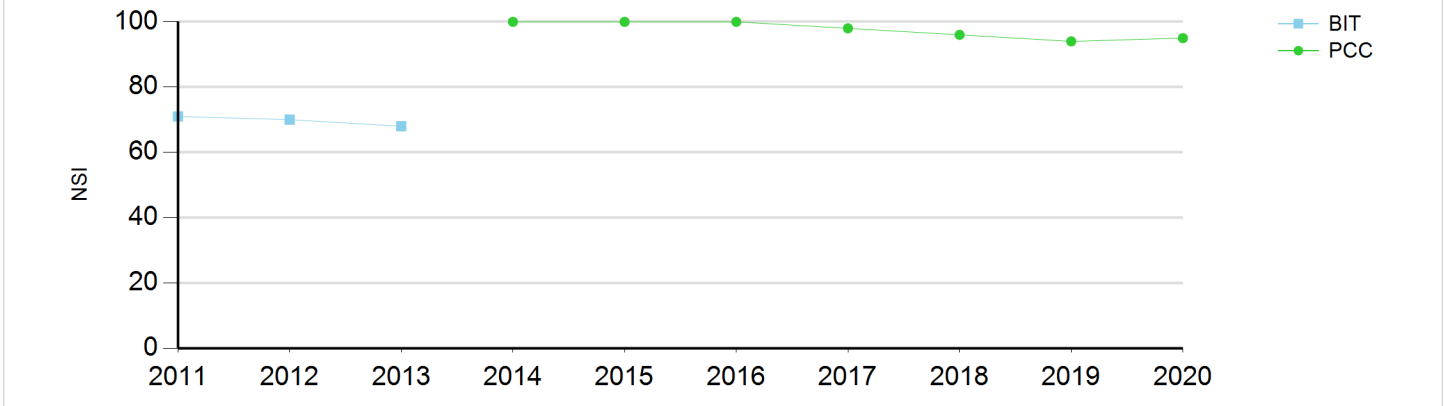
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	35.17	46.80	5	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	69	68	69	69						
NSI PCC					100	98	94	94	93	95
IRI	1.37	1.50	1.61	0.46	0.45	0.44	0.51	0.49	0.53	0.49
PSI	3.5	3.5	3.7	3.7	4.8	4.8	4.8	4.8	4.8	4.8
Crkng Index BIT										
Slab Distrs PCC					0	0	0	0	0	0
#TC BIT	100	100	100	100						
%Bad Jnts PCC					0	0	0	0	0	0
Faulting					0.28	0.07	0.37		0.30	0.32
Rut Depth -DL	7.1	8.6	4.5	1.7						
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	35.17	46.80	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	71	70	68							
NSI PCC				100	100	100	98	96	94	95
IRI	1.29	1.40	0.91	1.09	0.54	0.43	0.49	0.51	0.51	0.53
PSI	3.8	3.8	3.5	4.5	4.8	4.9	4.8	4.8	4.8	4.8
Crkng Index BIT										
Slab Distrs PCC				0	0	0	1	0	0	0
#TC BIT	87	100	100							
%Bad Jnts PCC				0	0	0	0	0	0	0
Faulting				0.66	0.32	0.02	0.28	0.08	0.47	
Rut Depth -DL	6.0	6.4	8.0							
% Over 13mm										
Rut Depth -PL										



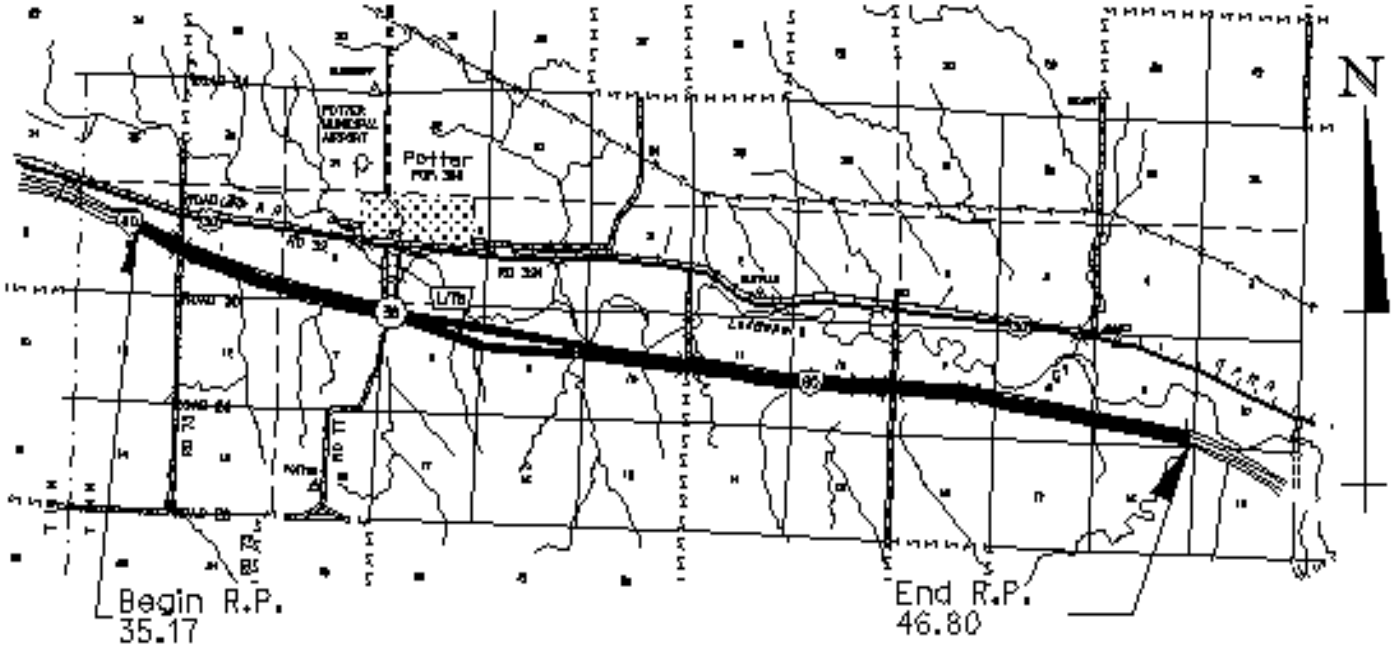
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	35.17 - 46.80	11.63	5	POTTER-BROWNSON	7630	4780

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-BH-80-1(178)	24'	16' 6"	Doweled	4" Granular?/Fly Ash stabilized

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	2015			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	5			99.0	100.0	9			2037	2043
Descending	8	5			99.0	100.0	8			2038	2044

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2013	Conc Pvmt Br Repair (1 of 2)	35.190-46.800	51451	IM-BH-80-1(178)
2013	Crossovers	35.180-35.180	51451A	IM-80-1(184)
2019	Surface Seal, Br Repair	35.170-46.810	51588	NH-80-1(198)
2025	Conc Repair, Jt Seal	35.170-46.800	51628	NH-80-1(203)



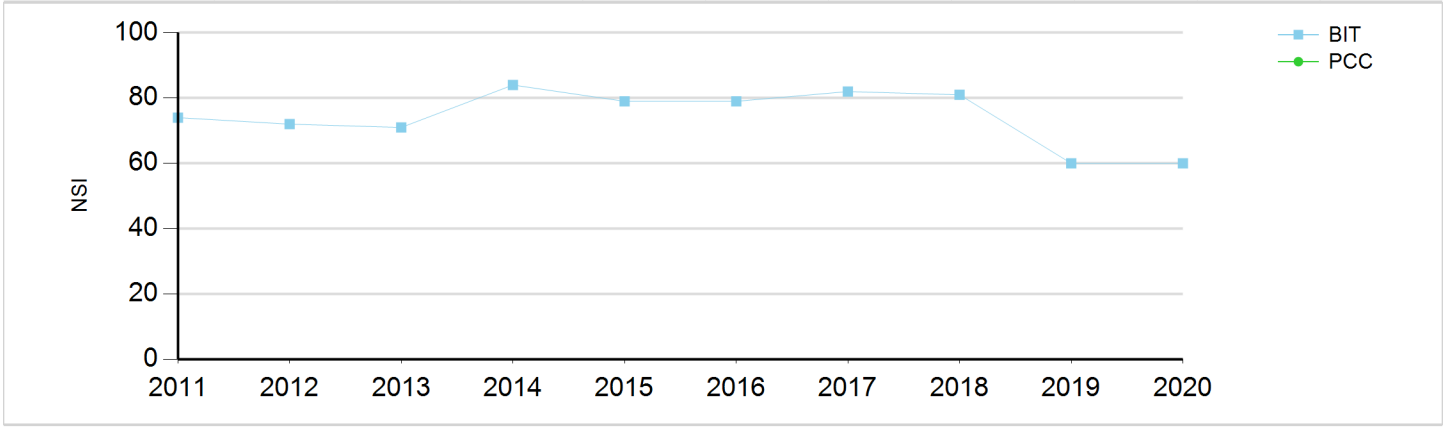
Comments:

Built by Chester Bros under CN 51451 . Ground during construction
WB built 2013: Cracking due to voids, mud balls at surface, air added by water reducer.
EB built 2014: Several cement samples failed, will lead to ASR.
Cores begin failing F/T at 5 months. Sealer programmed.
2020 ITF - Program Joint Seal 2024

Pavement Condition History Data

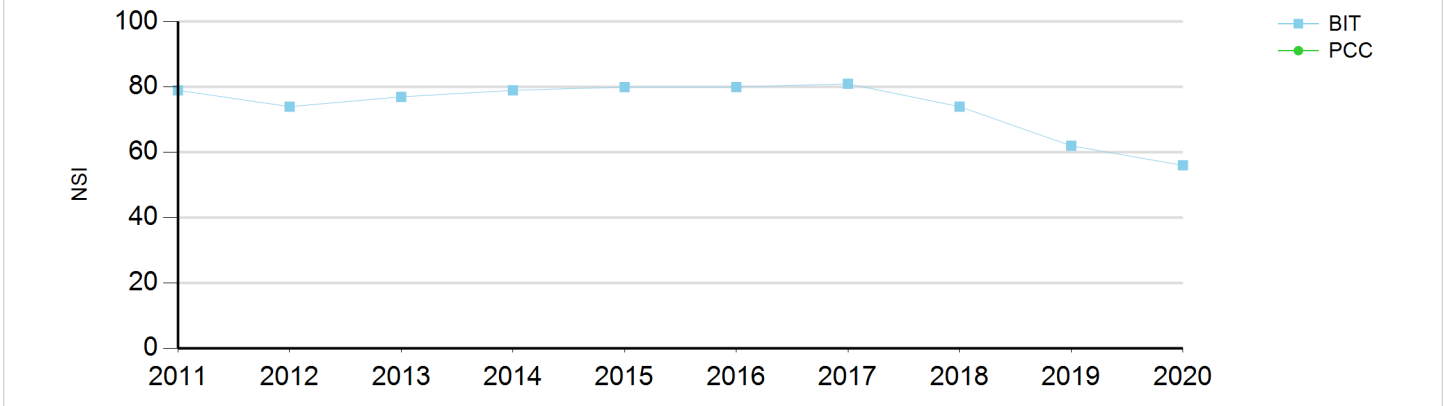
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	46.80	53.98	5	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	9	10	11	12	13	14	15	16	17	18
NSI Bit	74	72	71	84	79	79	82	81	60	60
NSI PCC										
IRI	1.48	1.33	1.18	1.28	1.40	1.56	1.70	1.90	2.05	2.13
PSI	3.7	3.7	3.7	3.9	3.9	3.8	3.7	3.6	3.2	3.2
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	74	99	55	77	79	79	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.7	4.6	8.3	5.4	4.8	4.1	6.0	6.3	6.8	7.1
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	46.80	53.98	5	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	9	10	11	12	13	14	15	16	17	18
NSI Bit	79	74	77	79	80	80	81	74	62	56
NSI PCC										
IRI	1.36	1.12	1.05	1.09	1.22	1.35	1.45	1.66	1.84	1.92
PSI	4.0	3.9	3.8	4.0	4.0	4.0	3.8	3.7	3.3	3.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	77	100	82	92	92	92	80	80	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.1	4.5	7.7	5.0	4.2	2.6	6.1	6.2	6.6	6.4
% Over 13mm		1.2								
Rut Depth -PL										



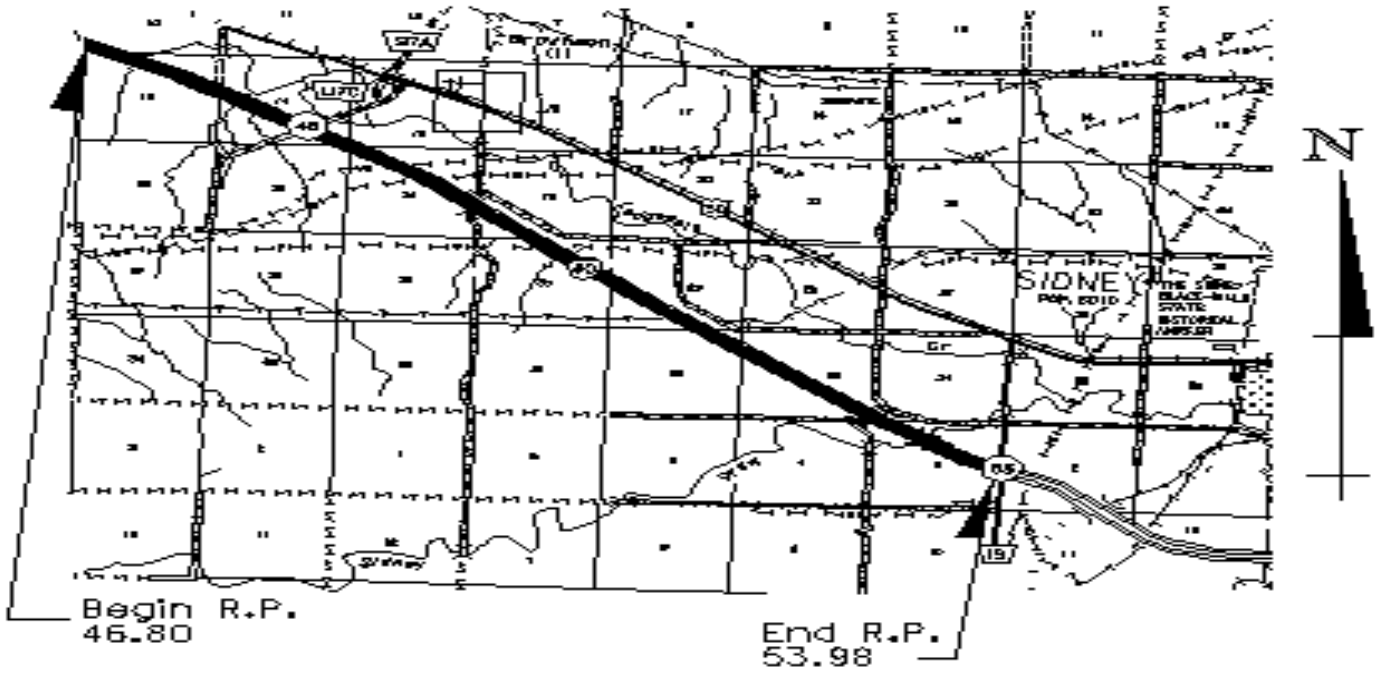
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	46.80 - 53.98	7.18	5	BROWNSON-WEST SIDNEY	7610	4776

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-1(45)	24'	46' 6"	Wire	3" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8"	47B	1974	4"	SP5	2002

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	5		99.0		100.0	6	PSTO	2020	2038	2044
Descending	8	5		99.0		100.0	6	PSTO	PSTC	2038	2044

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1995	JOINT REPAIR RESURF	46.840-53.700	50672A	EACIM-80-1(149)
1997	CRACK SEALING	46.840-60.720	51056	RD-80-1(1011)
1999	JOINT REPAIR RESURF & BR CURB	23.450-47.140	50672D	EACIM-80-1(157)
2002	MILL, INLAY, INC. SHLD	46.810-60.710	51065	RD-80-1(1016)
2010	GRINDING, JOINT SEAL	46.810-84.630	51310	IM-80-2(93)
2011	MILL CRACK SEAL	46.810-60.900	51434	RD-80-1(1034)
2013	Microsurface	46.810-60.700	51511	RD-80-1(1045)
2015	Crossovers	53.390-61.200	51458A	NH-80-1(185)
2022	Conc Pvmt, Br, Rest Area Rehab	46.810-53.890	51535	NH-80-1(192)



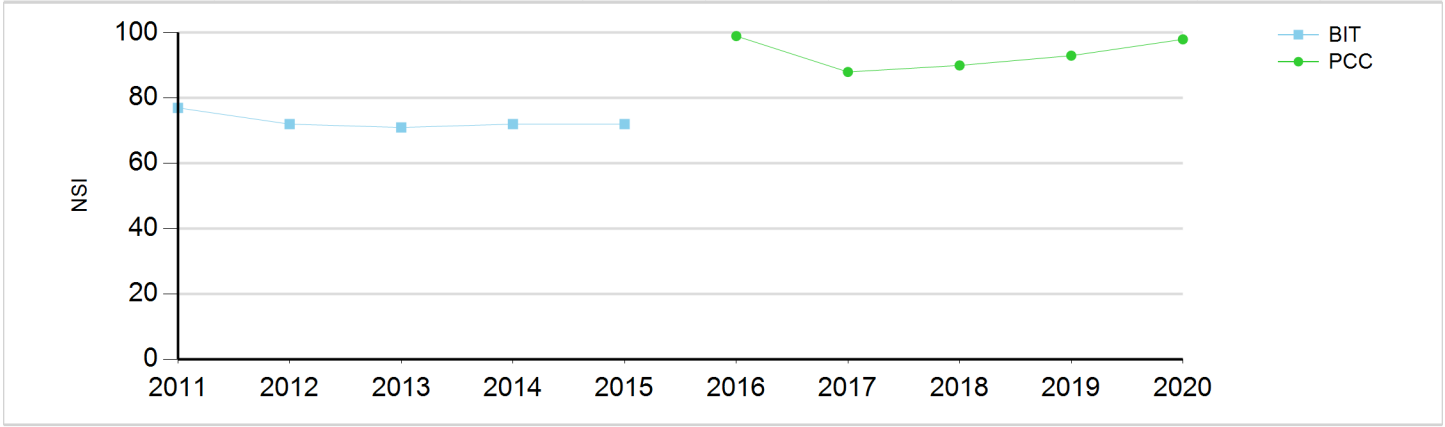
Comments:

CN 51535 Brownson East Reconstruction and CN 51275A Sidney Rest Area Bldgs may move back from 2021. See 5/21/2020 email from Starr for phasing options.
2020 ITF - Asphalt surface ugly and spalling at joints. DE asked about adding bituminous patching tons to rebuild project. BB will add quantities to 51535. D5 will look for possible projects to pull from. Patching would be needed Fall 20/Spring 21.

Pavement Condition History Data

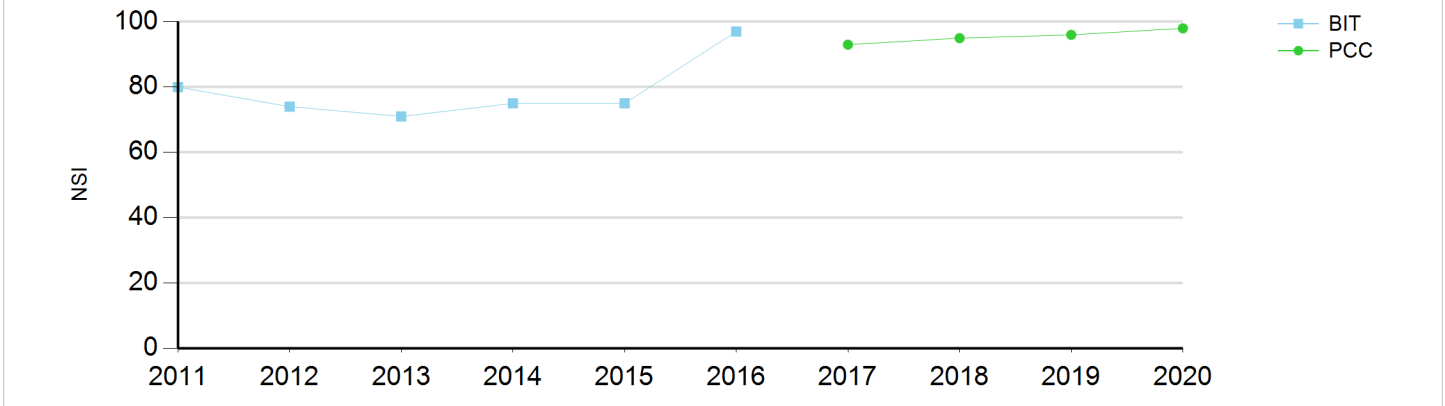
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	53.98	60.68	5	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	77	72	71	72	72					
NSI PCC						99	88	90	93	98
IRI	1.57	1.56	1.34	1.47		1.42	1.09	1.22	1.25	1.14
PSI	3.9	3.7	3.6	3.8	3.8	4.3	4.5	4.4	4.4	4.5
Crkng Index BIT										
Slab Distrs PCC						0	0	0	0	0
#TC BIT	70	97	97	97	97					
%Bad Jnts PCC						0	0	0	0	0
Faulting						1.06	0.45			
Rut Depth -DL	3.6	3.5	7.2	4.3						
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	53.98	60.68	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	80	74	71	75	75	97				
NSI PCC							93	95	96	98
IRI	1.31	1.34	1.13	1.23	2.29	1.09	1.01	0.99	1.01	1.02
PSI	4.1	4.0	3.7	3.9	3.9	4.3	4.5	4.6	4.6	4.5
Crkng Index BIT										
Slab Distrs PCC							0	0	0	0
#TC BIT	70	100	100	100	100	10				
%Bad Jnts PCC							0	0	0	0
Faulting							0.41		0.57	
Rut Depth -DL	3.4	3.7	8.7	4.6	5.1	0.6				
% Over 13mm										
Rut Depth -PL										



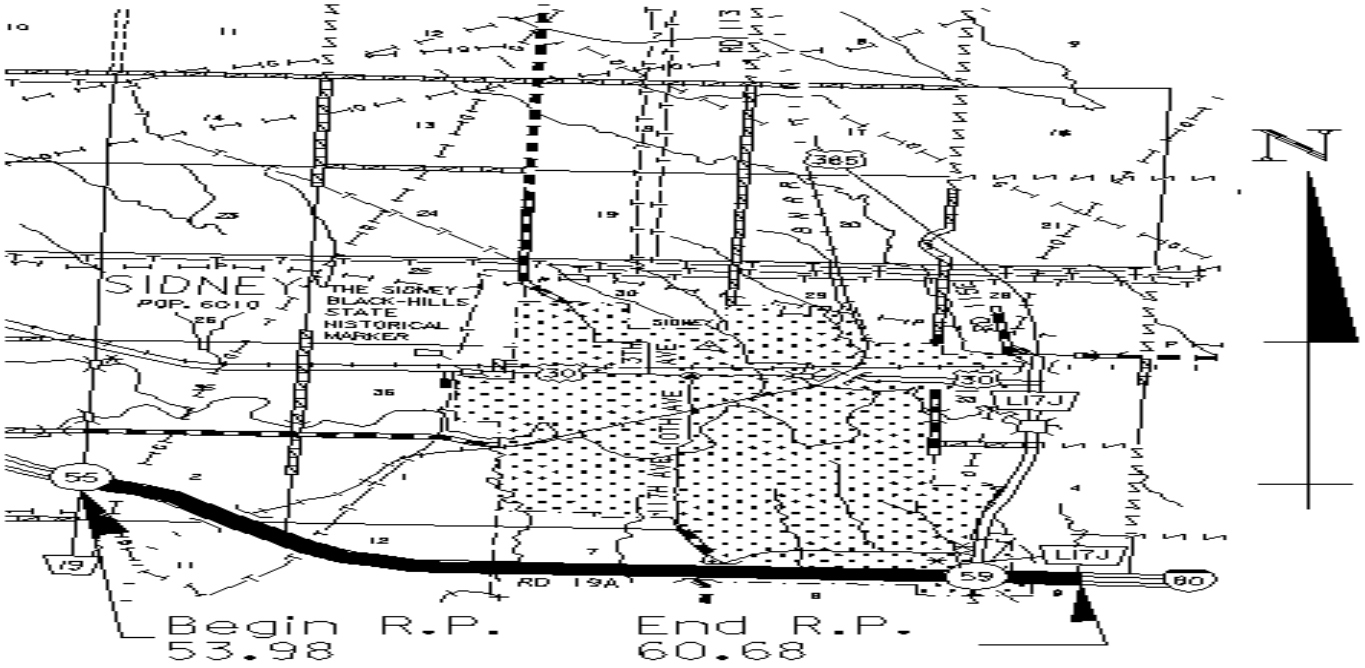
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	53.98 - 60.68	6.70	5	WEST SIDNEY-EAST SIDNEY	7550	4750

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-1(181)	24'	16'6"	Doweled	4" Granular?/Fly Ash Stabilized

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	2016			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	4			100.0	100.0	9			2039	2045
Descending	8	4			100.0	100.0	9			2039	2045

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2015	Conc Pvmt, Br	53.890-60.700	51458	NH-80-1(181)
2015	Crossovers	53.390-61.200	51458A	NH-80-1(185)
2020	Concrete Seal	53.980-60.700	51604	NH-80-1(202)
2023	Joint Seal	53.980-60.680	51590	NH-80-1(199)



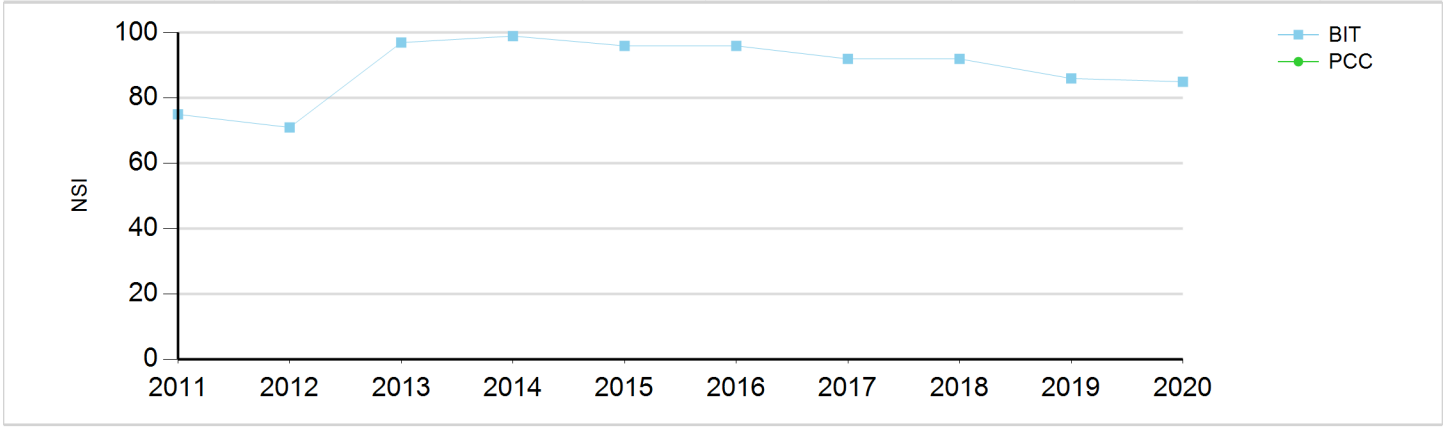
Comments:

80-1(181) Sidney West, CN 51458 built by Koss
EB built 2015 - Lightweight particles in PCC for 2.5 miles. Failing W/D testing after 5 months. CTL confirmed white precipitate is not ASR. Shoulder joints are spalling due to poor joint seal allowing incompressibles into joint.
WB built 2016 - W/D test results ok 7 months into test but cracks visible at 18 months. Need to add WB to seal project if not included.
2018 - Koss performing ML repair of PCC w/tears based on 2017 M&R inspection.
Added surface seal in 2020. Notified PM both directions needed Aug 2018.
CN 51604, 80-1(202) is programmed to do both penetrating sealer and crack and joint seal to let July 2019. BB. Completed 2019.

Pavement Condition History Data

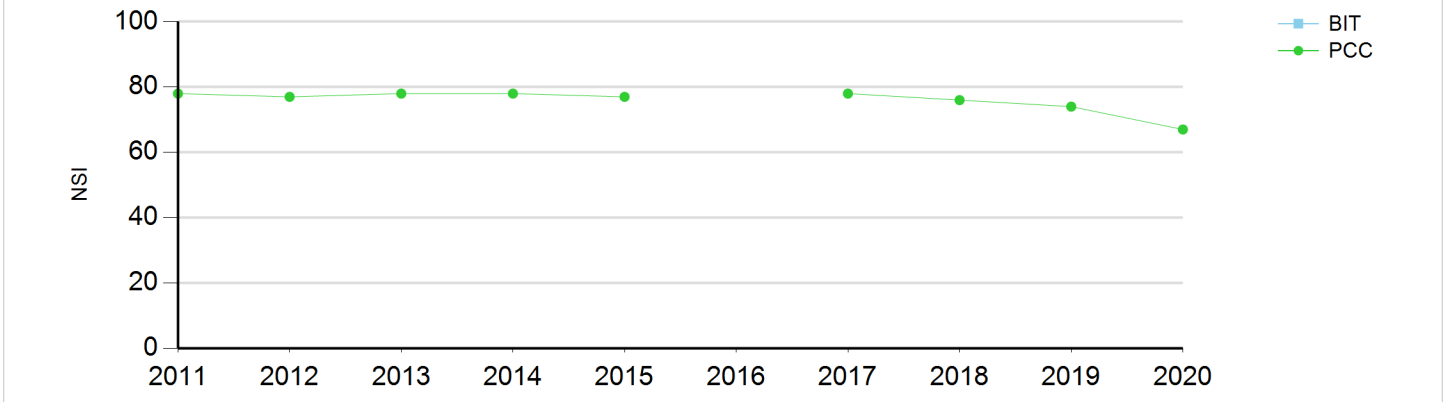
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	60.68	68.67	5	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit	75	71	97	99	96	96	92	92	86	85
NSI PCC										
IRI	1.25	1.27	0.54	0.57	0.55	0.59	0.61	0.65	0.72	0.79
PSI	3.8	3.6	4.4	4.4	4.4	4.4	4.2	4.2	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	92	100	0	0	17	14	35	35	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.9	4.6	3.9	1.9	1.9	1.9	2.2	2.4	2.8	2.7
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	60.68	68.67	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	21	22	23	24	25	26	27	28	29	30
NSI Bit										
NSI PCC	78	77	78	78	77		78	76	74	67
IRI	0.92	1.02	0.94	0.87	0.90	0.98	1.00	1.01	1.10	1.28
PSI	4.5	4.4	4.5	4.5	4.5		4.5	4.5	4.4	4.1
Crkng Index BIT										
Slab Distrs PCC	7	8	8	8	8		0	1	3	8
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0		0	0	0	10
Faulting	0.12	0.18	0.15		1.16		1.16		1.04	2.81
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	60.68 - 68.67	7.99	5	EAST SIDNEY-SUNOL	7350	4584

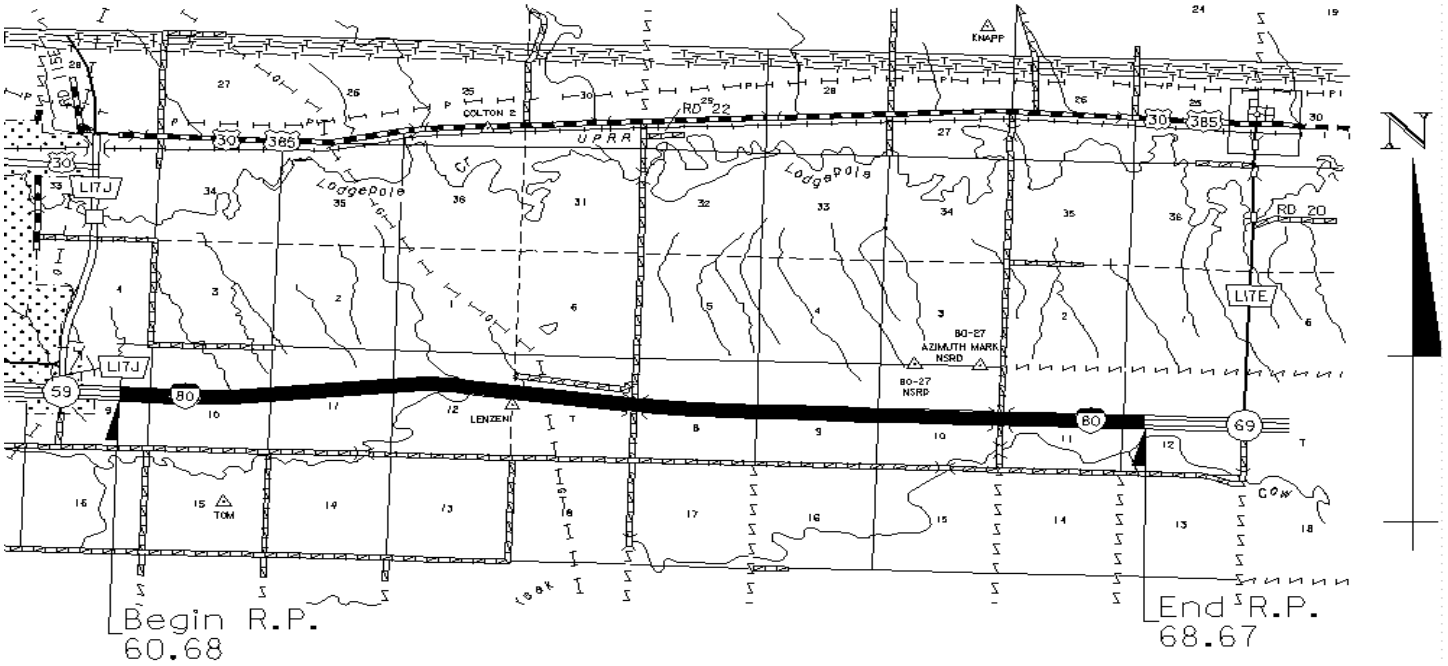
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-2(65)WB & I-80-2(30)EB	*24'	46'6"EB,16'6"W	Wire EB, None WB	3" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8" EB, 12" WB	47B	1974 EB, 1990 WB	5" EB	A Sp, SP5,	89, 03, 13 EB

*Mainline 24' wide, Concrete 4' inside and 10' outside shoulder WB

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	7		100.0		100.0	8	2025	2029		
Descending	8	7			100.0	100.0	8			2024	2030

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1990	CONC PVMT	60.710-68.670	50685	IR-80-2(65)
2002	MILL, INLAY, INC. SHLD	60.720-68.670	50736	EACIM-80-2(74)
2003	JOINT SEAL	60.680-68.670	51167	RD-80-2(1010)
2010	GRINDING, JOINT SEAL	46.810-84.630	51310	IM-80-2(93)
2013	Mill Resurf	60.700-68.670	51487	IM-80-2(98)
2014	Crossovers	68.000-85.000	51459A	IM-80-2(99)
2015	Crossovers	53.390-61.200	51458A	NH-80-1(185)
2016	Crack Seal	60.700-68.670	51439	RD-80-2(1018)
2019	Conc Surf Seal, Joint Seal	60.700-68.670	51517	NH-80-2(102)
2024	Rest Area Rehab	61.370-61.370	51276A	NH-80-2(92)
2024	Resurf	60.700-68.700	51585	NH-80-2(109)



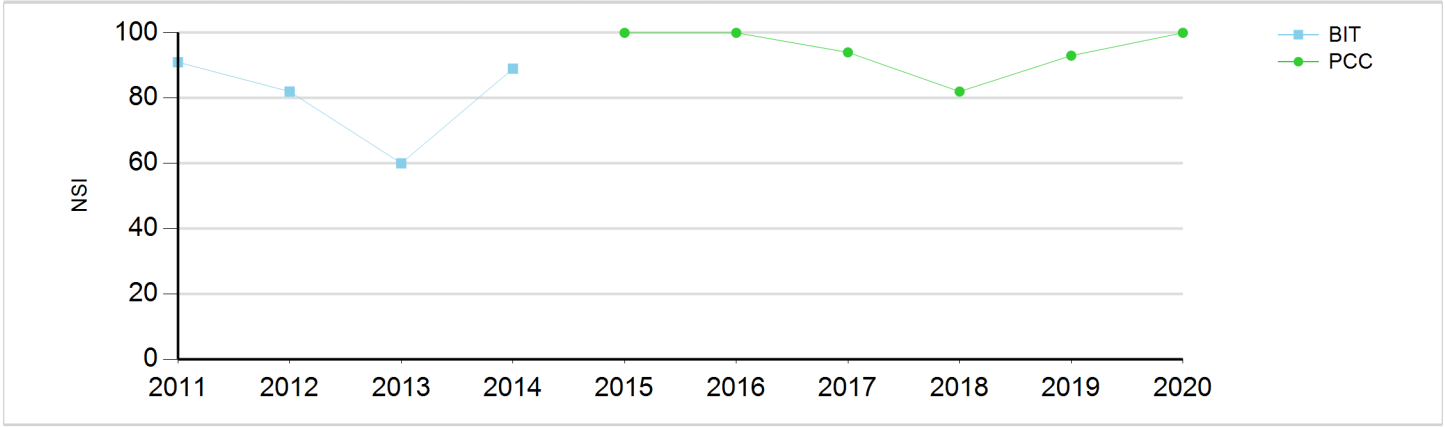
Comments:

EB 1973 PCC overlaid in 2013
WB PCC built 1990. Mapcracking noted in 08 PCC rpr & seen in 07 viewer. Does not stand out in 2016 viewer after grind.
Need to seal WB? DCE asked to rebuild both directions at same time. BV described different service lives based on existing structure.
2017 ITF - Program silane sealer WB to hold until 2030 rebuild. Mainline only or spray all to possibly delay rebuild?
2018 - Getting rough. Consider grind of driving lane with sealer. Too late, sealer is in PS&E.
Nov 2018 DE asked about possible maintenance resurfacing of EB to move reconstruction back and combine with WB reconstruction.
Review at 2019 ITF. EB Reconstruction in 2024, WB in 2030.

Pavement Condition History Data

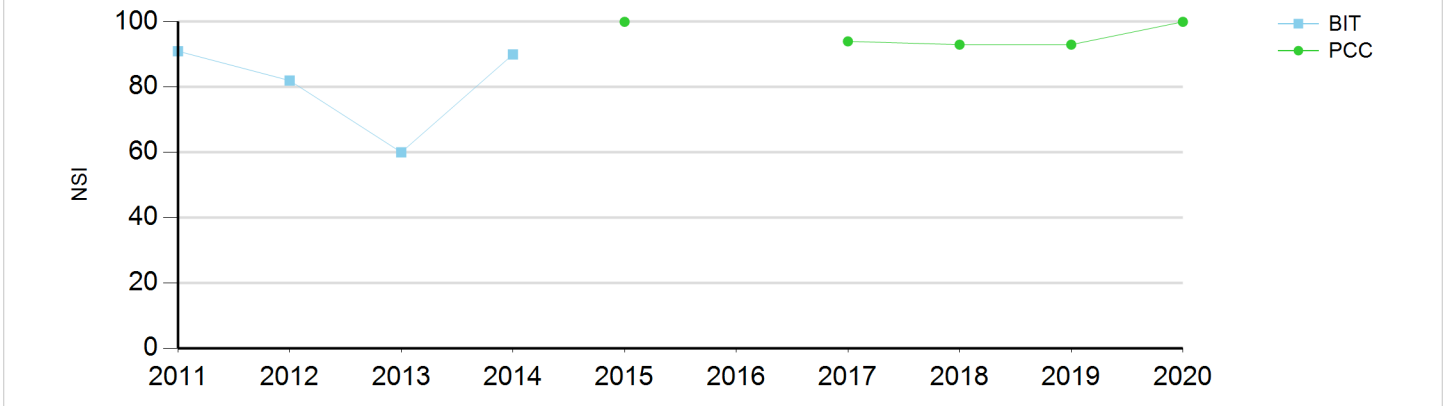
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	68.67	75.43	5	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	91	82	60	89						
NSI PCC					100	100	94	82	93	100
IRI	0.87	0.91	0.95	0.80	1.22	1.33	1.36	1.22	1.19	1.30
PSI	4.2	4.0	3.7	4.2	4.4	4.3	4.3	4.4	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC					0	0	0	1	0	0
#TC BIT	70	100	100	100						
%Bad Jnts PCC					0	0	0	0	0	0
Faulting					0.43	0.24	0.34			
Rut Depth -DL	5.0	7.2	11.2	2.4						
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	68.67	75.43	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	91	82	60	90						
NSI PCC					100		94	93	93	100
IRI	0.80	0.90	0.94	1.21	1.07	1.08	1.29	1.18	1.16	1.24
PSI	4.2	4.0	3.7	4.2	4.5		4.3	4.4	4.5	4.4
Crkng Index BIT										
Slab Distrs PCC					0		0	1	0	0
#TC BIT	55	66	66	66						
%Bad Jnts PCC					0		2	0	0	0
Faulting					0.35		0.52		0.48	0.53
Rut Depth -DL	4.5	7.8	11.5	3.5						
% Over 13mm										
Rut Depth -PL										



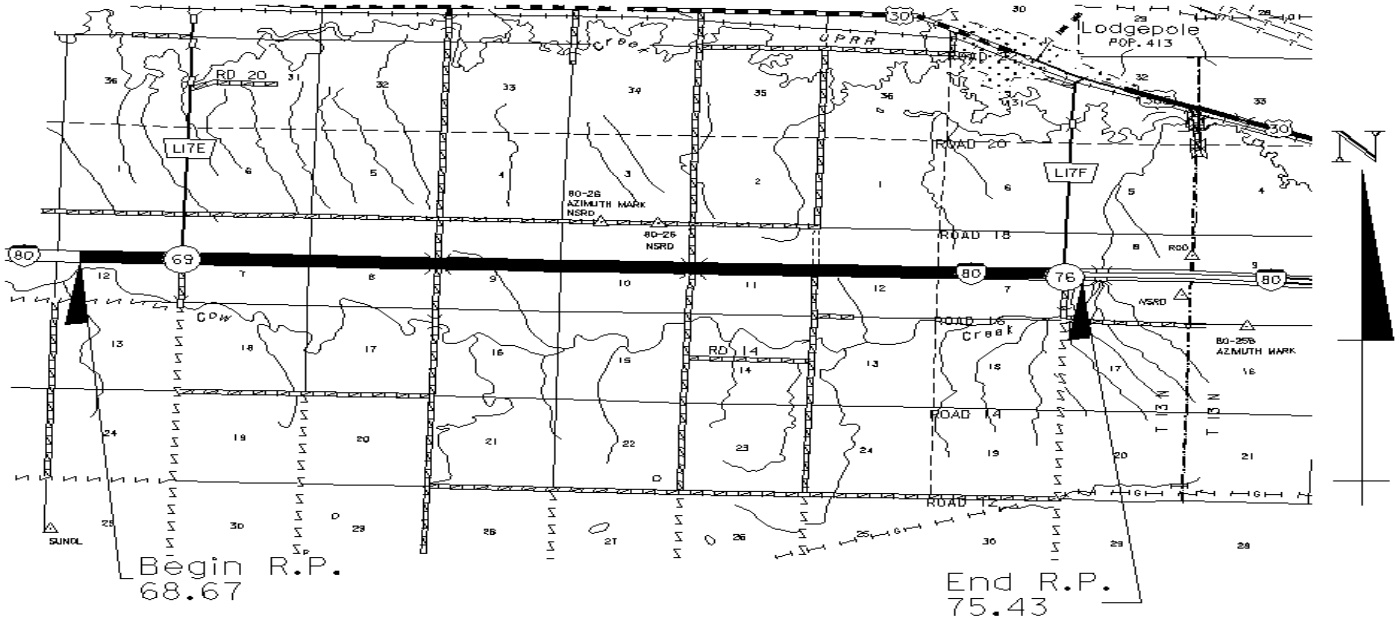
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	68.67 - 75.43	6.76	5	SUNOL-LODGEPOLE	7314	4554

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-2(97)	24'	16' 6"	Doweled	4" Granular?/Fly Ash Stabilized

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	2015			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	2			100.0	100.0	10			2040	2046
Descending	8	2			100.0	100.0	9			2040	2046

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2014	Conc Pvmt (1 of 2)	68.670-75.430	51459	NH-80-2(97)
2014	Crossovers	68.000-85.000	51459A	IM-80-2(99)
2022	Joint Seal	68.670-75.430	51589	NH-80-2(111)
2024	Resurf	60.700-68.700	51585	NH-80-2(109)



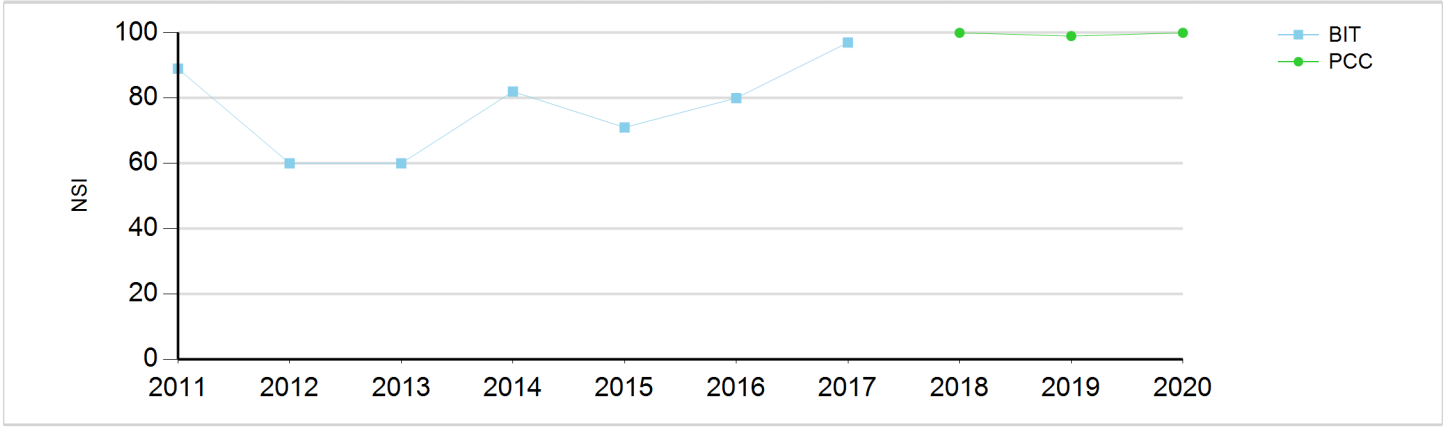
Comments:

Rebuilt 2014/2015 w/CN 51459
2021 ITF- programming looks good. Joint Seal 2022

Pavement Condition History Data

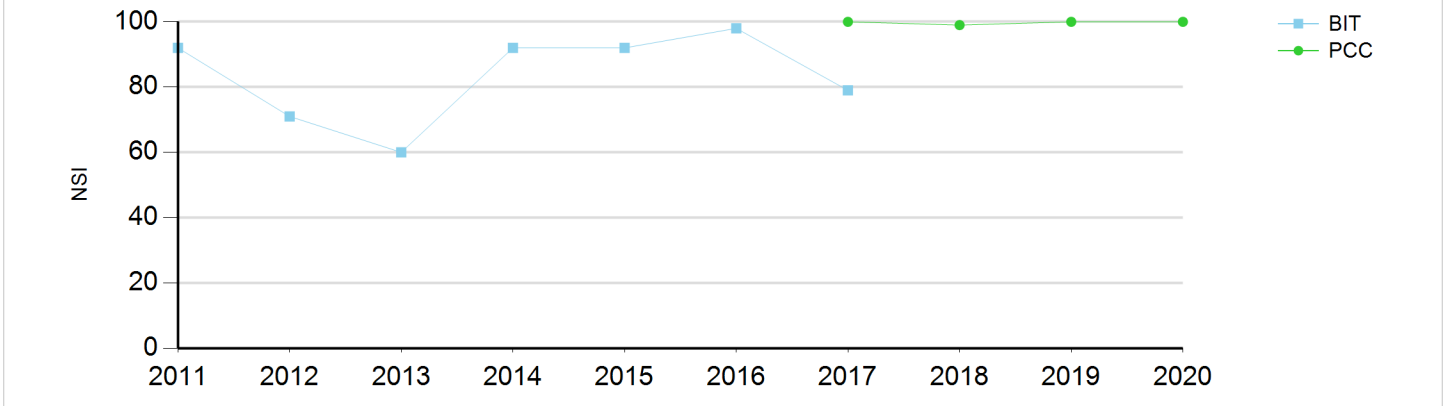
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	75.43	84.64	5	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	89	60	60	82	71	80	97			
NSI PCC								100	99	100
IRI	0.83	0.89	0.92	1.04	1.11	0.99	1.14	1.04	1.08	1.06
PSI	4.2	3.9	3.6	4.0	3.9	4.2	4.3	4.5	4.5	4.5
Crkng Index BIT										
Slab Distrs PCC								0	0	0
#TC BIT	55	91	91	91	95	95	35			
%Bad Jnts PCC								0	0	0
Faulting										
Rut Depth -DL	4.8	9.1	12.1	7.9	8.0	2.8	1.5			
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	75.43	84.64	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	92	71	60	92	92	98	79			
NSI PCC							100	99	100	100
IRI	0.76	0.80	0.86	0.89	0.95	1.05	1.03	1.01	0.97	0.98
PSI	4.2	4.0	3.9	4.1	4.1	4.2	4.5	4.6	4.6	4.6
Crkng Index BIT										
Slab Distrs PCC							0	0	0	0
#TC BIT	41	70	70	70	70	70	35			
%Bad Jnts PCC							0	0	0	0
Faulting							0.49		0.06	0.60
Rut Depth -DL	3.8	8.3	9.4	6.2	6.2	3.4	1.5			
% Over 13mm										
Rut Depth -PL										



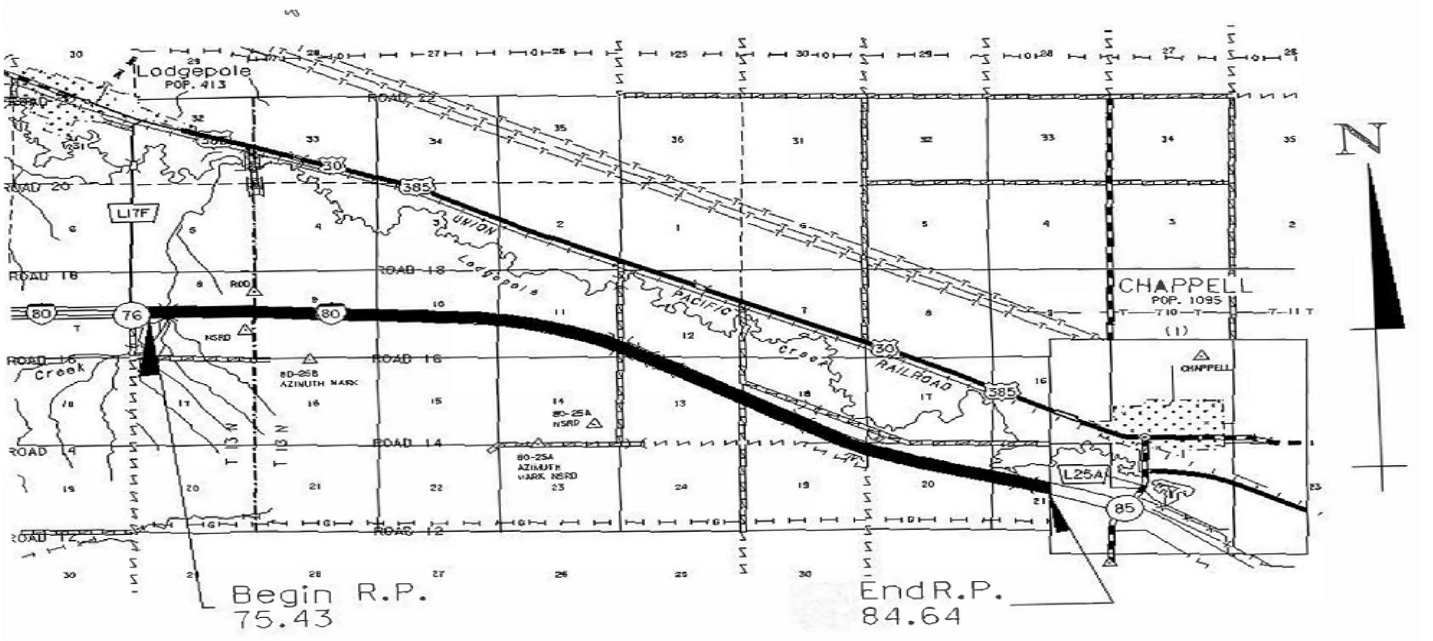
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	75.43 - 84.64	9.21	5	LODGEPOLE-CHAPPELL	7348	4502

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-2(106)	24'	16'6"	Doweled	3" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	2016			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	2			100.0	100.0	9			2040	2046
Descending	8	2			100.0	100.0	9			2040	2046

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2014	Crossovers	68.000-85.000	51459A	IM-80-2(99)
2016	4-Lane Gr, Str, Surf, S Shld	75.430-84.640	51459B	NH-80-2(106)
2016	Crossover	84.630-84.630	51459C	NH-80-2(108)
2019	4-lane Gr, Conc Pvmt, Br	84.630-94.260	51519	NH-80-2(103)
2025	Joint Seal	75.430-84.640	51627	NH-80-2(118)



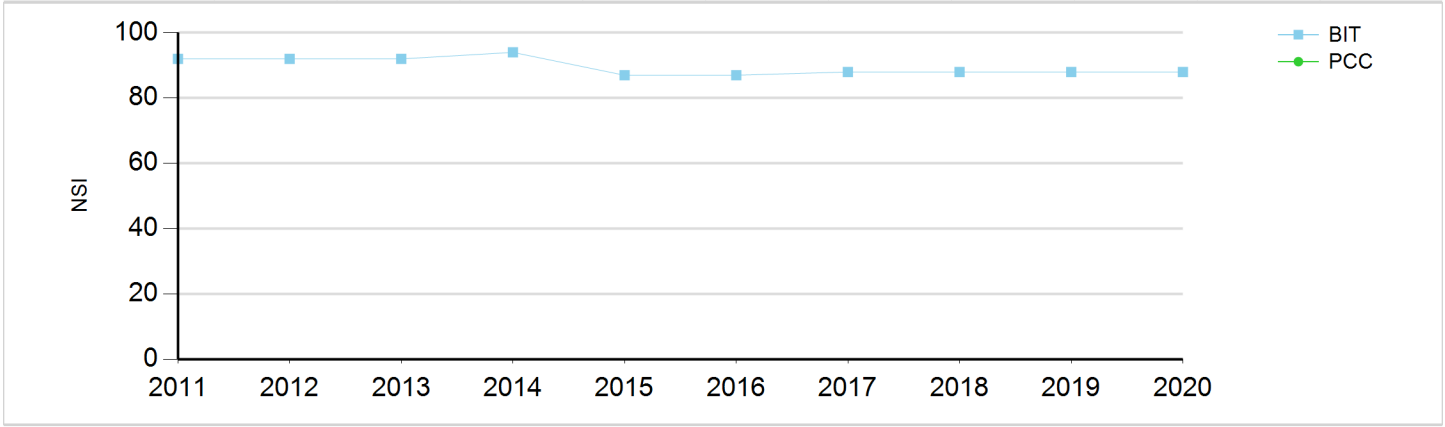
Comments:

Rebuilt 2016/2017 w/CN 51459B
2020 ITF - Program joint seal 2025.

Pavement Condition History Data

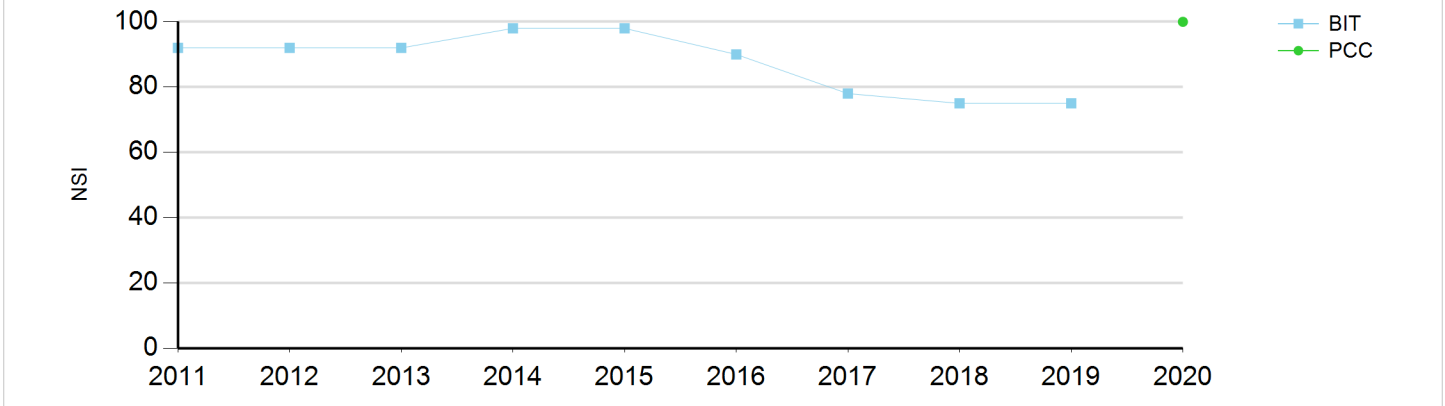
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	84.64	94.25	5	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit	92	92	92	94	87	87	88	88	88	88
NSI PCC										
IRI	0.74	0.74	0.76	0.78	0.81	0.89	0.89	1.00	2.34	0.86
PSI	4.3	4.3	4.3	4.3	4.2	4.3	4.3	4.3	4.2	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	21	32	32	32	32	32	35	35	35	35
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.0	2.4	2.7	2.4	3.0	1.1	1.6	2.1	4.2	1.2
% Over 13mm		15.8								
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	84.64	94.25	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit	92	92	92	98	98	90	78	75	75	
NSI PCC										100
IRI	0.65	0.69	0.73	0.72	0.77	0.85	0.93	1.02	0.99	0.91
PSI	4.3	4.3	4.2	4.3	4.3	4.2	4.1	4.1	4.1	4.6
Crkng Index BIT										
Slab Distrs PCC										0
#TC BIT	19	35	35	35	35	39	91	89	89	
%Bad Jnts PCC										0
Faulting										0.55
Rut Depth -DL	1.9	2.4	4.6	2.2	2.6	1.2	2.2	2.5	1.6	
% Over 13mm		6.3								
Rut Depth -PL										



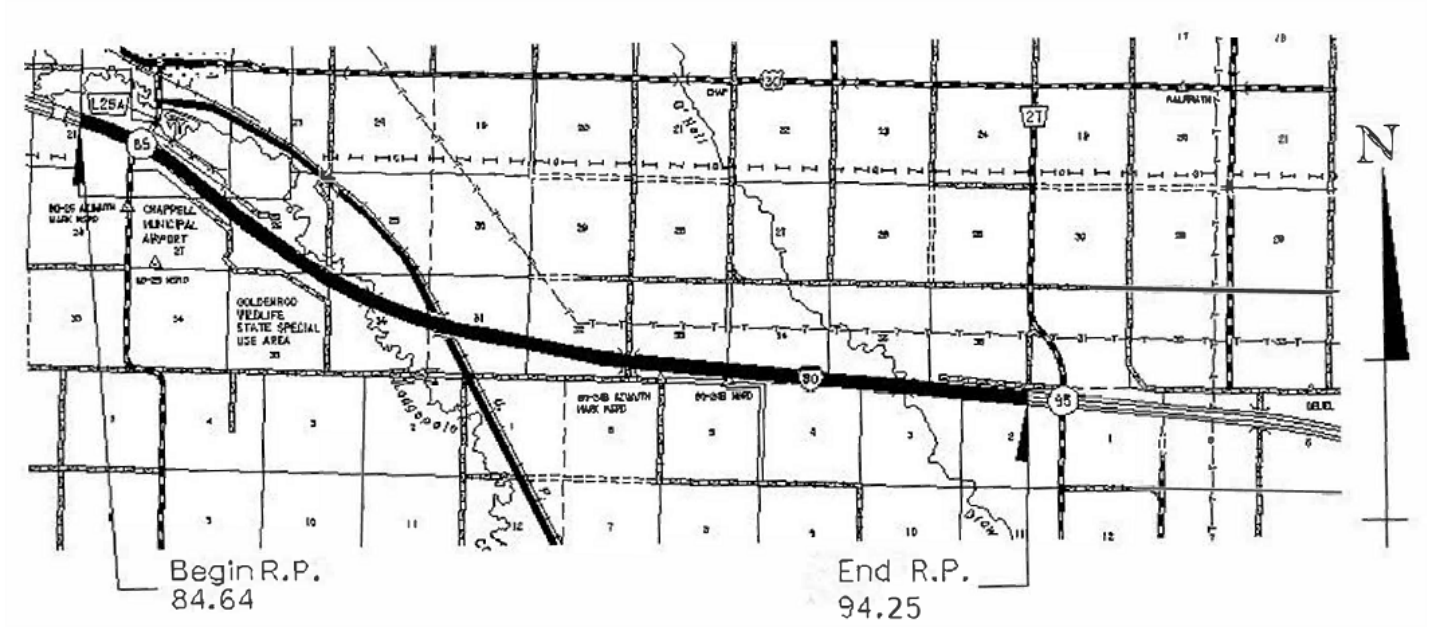
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	84.64 - 94.25	9.61	5	CHAPPELL-OSHKOSH	7096	4448

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-2(103)	24'	16' 6"	Doweled	3" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47C	2019	4"	SP5(0.5)	2010

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	1	1.0	1.0	97.0	100.0	8	2024	2028	2040	2046
Descending	8	1	1.0	1.0	97.0	100.0	10	2021	2025	2040	2046

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2014	Crossovers	68.000-85.000	51459A	IM-80-2(99)
2019	4-lane Gr, Conc Pvmt, Br	84.630-94.260	51519	NH-80-2(103)



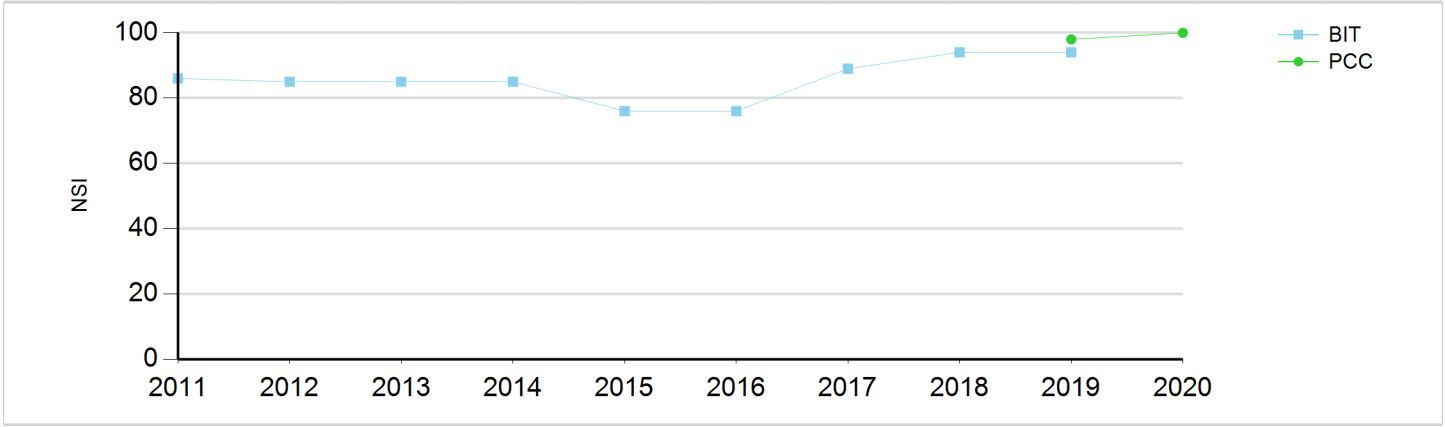
Comments:

2011 - Dry mix, tender zone & lime balls
Rebuild 2019/2020 w/CN 51519
2020 ITF - WB Complete. Building EB.
2021 ITF - Finishing up erosion control and minor bridge. Concrete pavement finished

Pavement Condition History Data

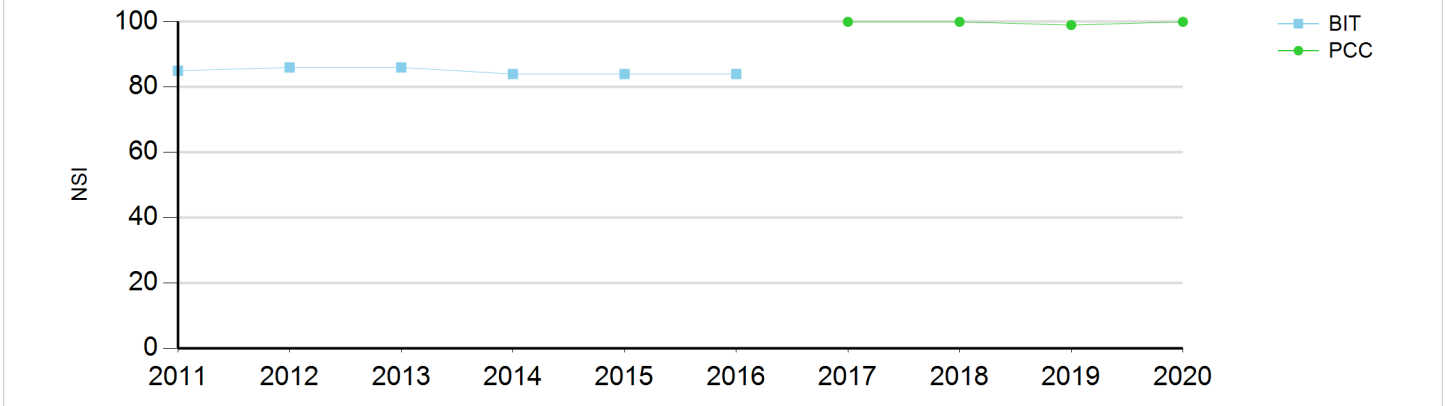
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	94.25	102.09	5	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age								1	2	3
NSI Bit	86	85	85	85	76	76	89	94	94	
NSI PCC									98	100
IRI	0.84	0.86	0.94	1.12	1.29	0.88	1.11	1.04	1.08	1.00
PSI	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.6
Crkng Index BIT										
Slab Distrs PCC									0	0
#TC BIT	70	95	95	95	95	95	35	35	35	
%Bad Jnts PCC									0	0
Faulting									0.50	0.10
Rut Depth -DL	3.0	2.9	3.0	2.6	2.6	1.8	0.8	1.5	1.2	
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	94.25	102.09	5	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age								1	2	3
NSI Bit	85	86	86	84	84	84				
NSI PCC							100	100	99	100
IRI	0.74	0.77	0.84	0.93	1.07	1.40	1.00	1.13	1.12	1.09
PSI	4.4	4.3	4.3	4.3	4.3	4.1	4.6	4.5	4.5	4.5
Crkng Index BIT										
Slab Distrs PCC							0	0	0	0
#TC BIT	65	100	100	100	100	100				
%Bad Jnts PCC							0	0	0	0
Faulting							0.44	0.57		0.56
Rut Depth -DL	2.6	2.6	3.3	2.6	2.4	6.9				
% Over 13mm										
Rut Depth -PL										



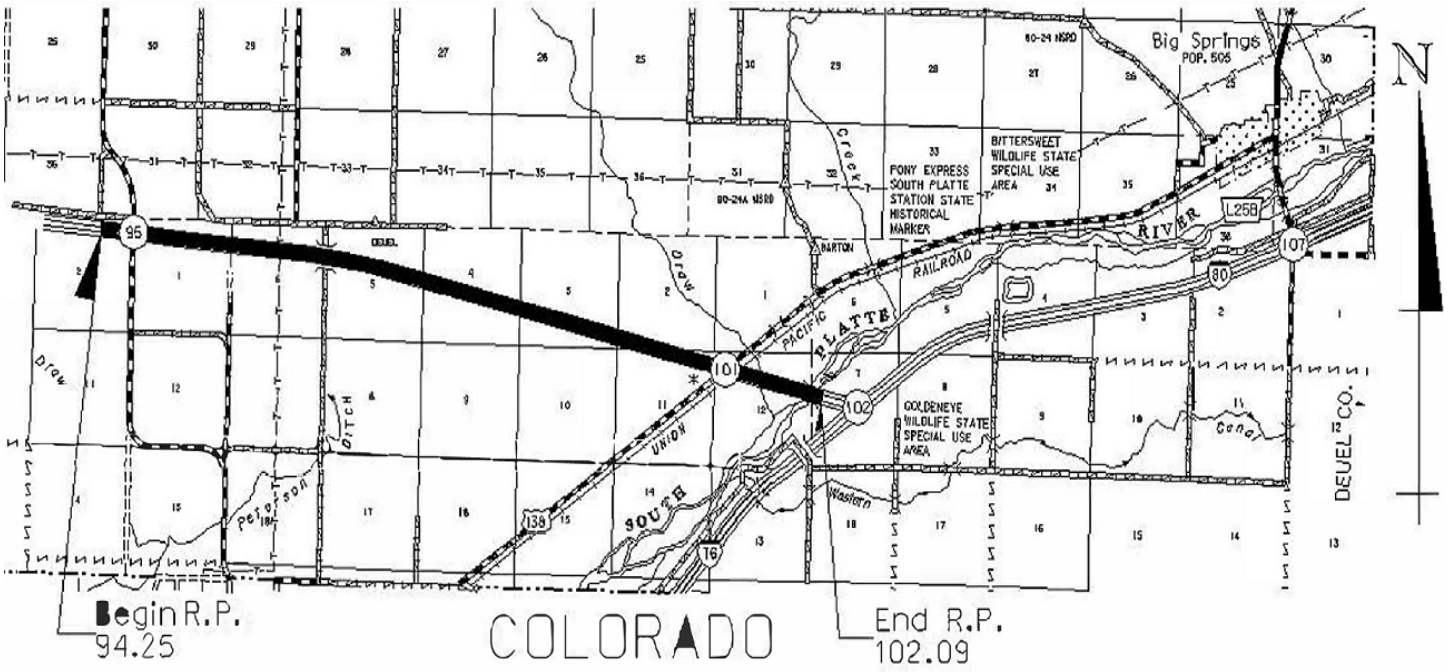
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	94.25 - 102.09	7.84	5	OSHKOSH-SO PLATTE RIVER	7200	4516

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-2(95)	24'	16' 6"	Doweled	3" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47C	2017			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	3		3.0	96.0	100.0	9	2023	2027	2040	2046
Descending	8	3		3.0	96.0	100.0	9	2026	2030	2040	2046

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2016	Conc Pvmt, Br	94.250-102.090	51444	NH-80-2(95)
2024	Joint Seal	94.560-102.090	51591	NH-80-2(112)



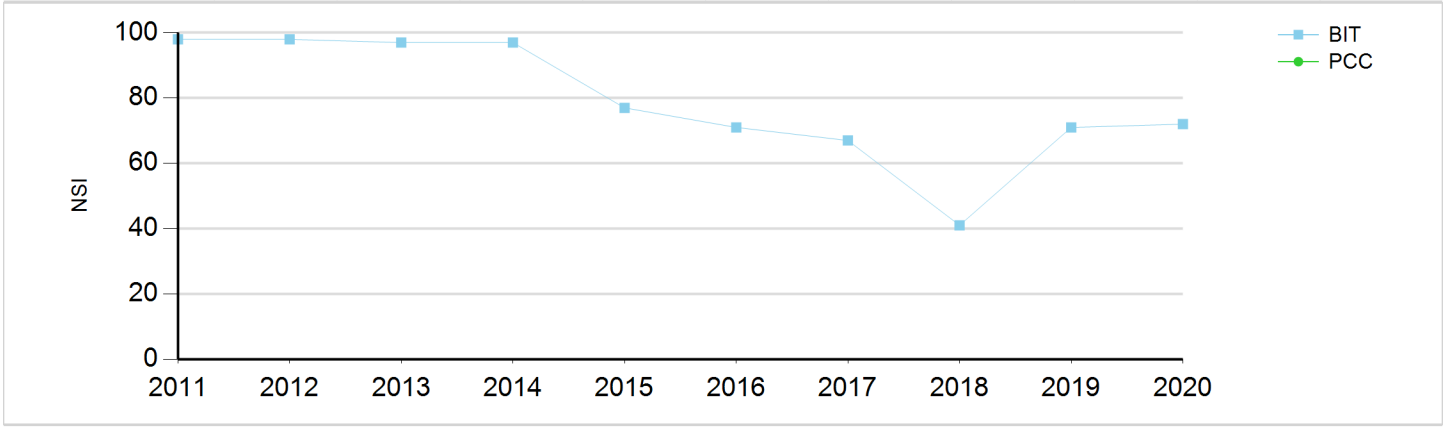
Comments:

Give D5 $ to fog seal parking @ RP 102?
Rebuilt 2016/2017 w/CN 51444. EB Built 2016; 9 of 117 cores failed.
2021 ITF- Looks good

Pavement Condition History Data

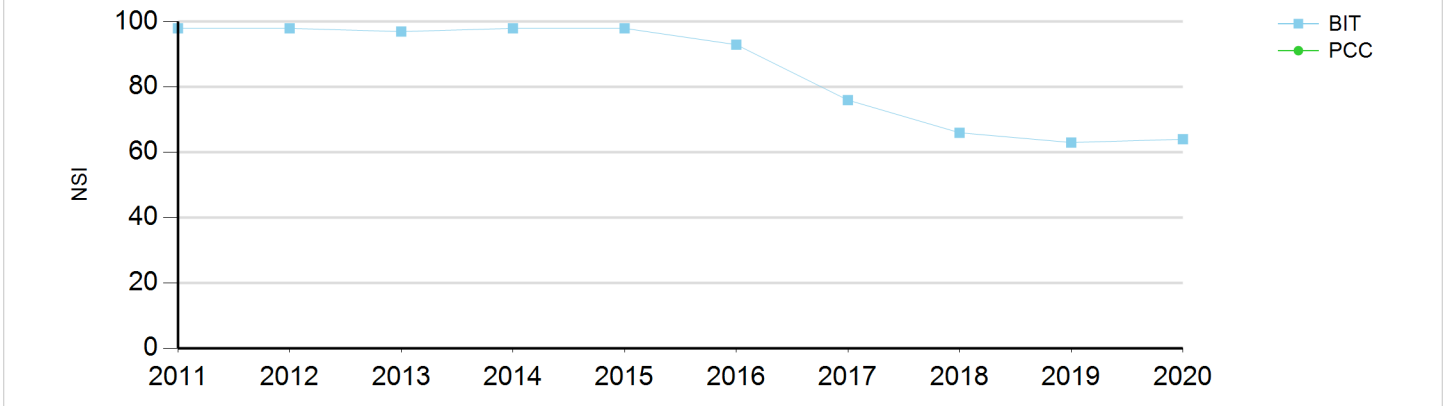
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	102.09	106.31	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	98	98	97	97	77	71	67	41	71	72
NSI PCC										
IRI	0.81	0.89	0.90	1.10	1.07	1.45	1.69	2.26	1.06	1.25
PSI	4.3	4.3	4.3	4.3	4.2	4.0	3.9	3.4	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	42	70	70	70	77	77	77	100	98	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.5	2.8	3.1	2.3	2.1	2.2	2.4	3.1	1.7	2.4
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	102.09	106.31	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	98	98	97	98	98	93	76	66	63	64
NSI PCC										
IRI	0.62	0.69	0.76	0.86	1.02	1.18	1.19	1.83	2.29	1.30
PSI	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.7	3.2	3.7
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	70	70	70	70	70	70	94	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.3	2.1	3.3	1.9	1.8	1.5	2.4	2.4	2.7	2.2
% Over 13mm										
Rut Depth -PL										



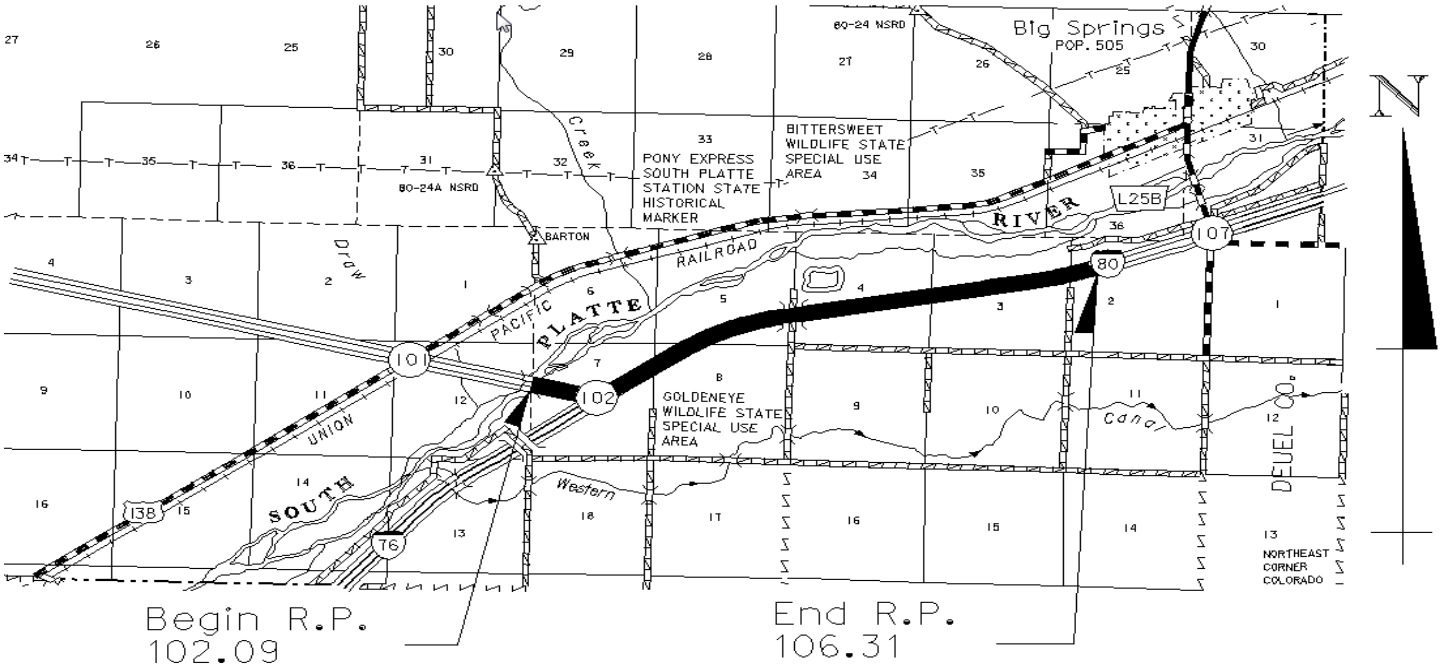
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	102.09 - 106.31	4.22	6	BIG SPRINGS WEST	13810	6446

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-3(30)	24'	46' 6"	Wire	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8"	47C	1969	5"	A Spec, SP5	1988, 98, 11

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	9		100.0		100.0	7	2020	2024		
Descending	6	9		100.0		100.0	8	PSTO	2021		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1981	Jt Rp (% Jt Rp: Dl & PL >1%), JTS, Slur			IR-80-2(67)
1988	OVR, 2" A Spec			IR-80-2(67)
1998	MILL INLAY	102.090-106.360	60878	EACIM-80-2(73)
2010	MILL INLAY	102.090-106.310	61285	IM-80-3(119)
2013	Crack Seal	102.090-132.930	61393	RD-80-3(1043)
2018	Conc Repair	102.080-106.310	61658	NH-80-2(113)
2019	Conc Pvmt, Br	102.090-106.310	61566	NH-80-2(100)



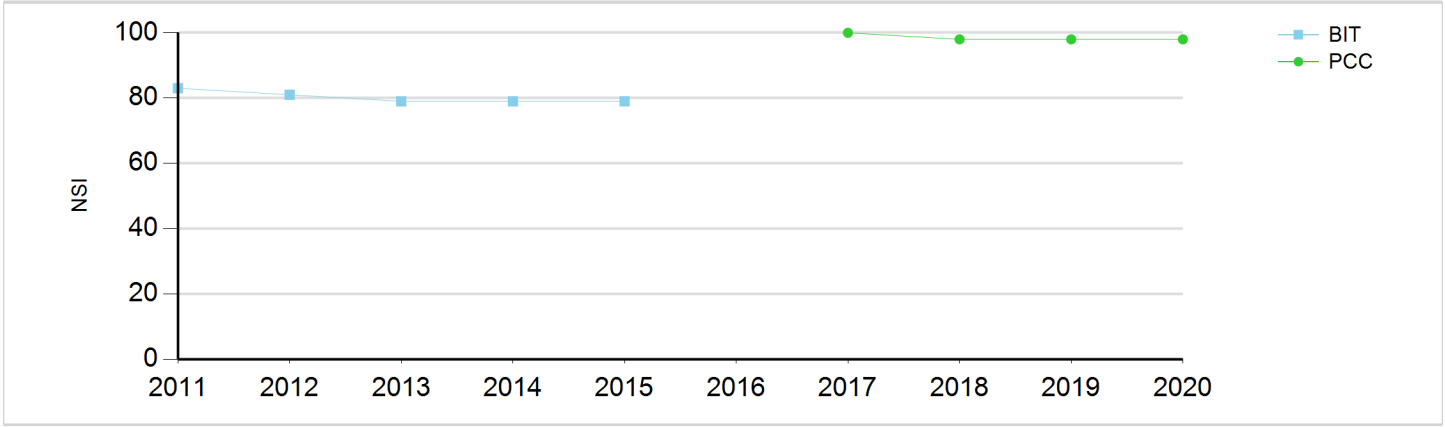
Comments:

2017 ITF - Consider adding PCC RPR of mainline to 51556a crossover project before head to head traffic. Look into scope. Likely H to H WB?
2018 ITF - Project includes $725K of PCC rpr and 12'x15,000' or 1900 T of HMA patching.
2021 ITF- EB under construction. WB complete.

Pavement Condition History Data

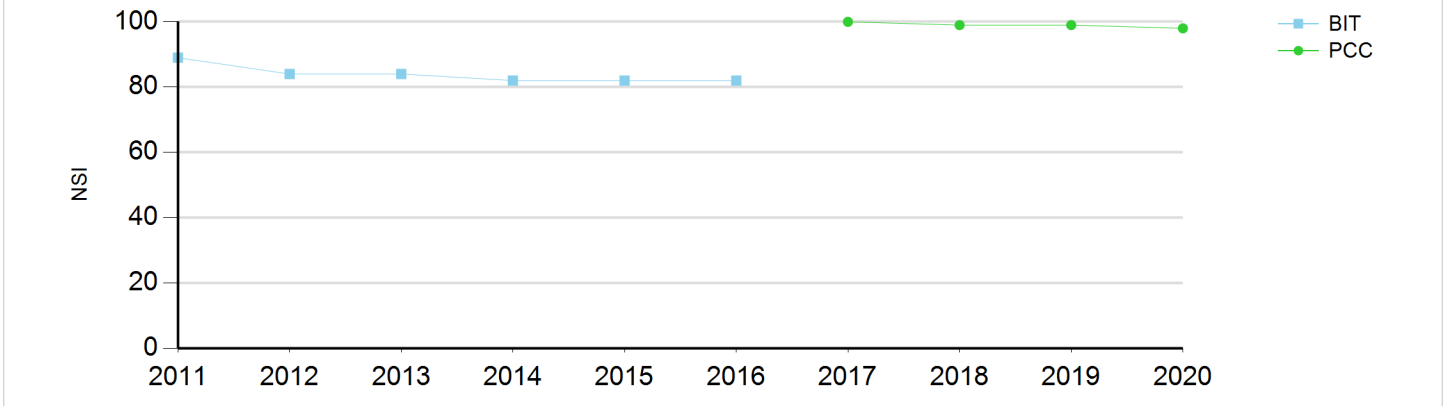
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	106.31	115.49	6	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	83	81	79	79	79					
NSI PCC							100	98	98	98
IRI	0.71	0.78	0.76	0.94		1.10	1.11	1.14	1.14	1.09
PSI	4.1	4.0	4.0	4.0	4.1		4.5	4.5	4.5	4.5
Crkng Index BIT										
Slab Distrs PCC							0	0	0	0
#TC BIT	56	70	70	70	70					
%Bad Jnts PCC							0	0	0	0
Faulting							0.53		0.60	0.79
Rut Depth -DL	4.4	5.0	5.0	4.8						
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	106.31	115.49	6	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	89	84	84	82	82	82				
NSI PCC							100	99	99	98
IRI	0.71	0.74	0.79	0.87	1.00	0.98	1.03	1.00	0.97	0.97
PSI	4.2	4.0	4.0	4.0	4.0	4.1	4.5	4.6	4.6	4.6
Crkng Index BIT										
Slab Distrs PCC							0	0	0	0
#TC BIT	70	70	70	75	75	75				
%Bad Jnts PCC							0	0	0	0
Faulting							0.54	0.47		
Rut Depth -DL	3.7	4.0	5.3	4.1	3.8	0.5				
% Over 13mm										
Rut Depth -PL										



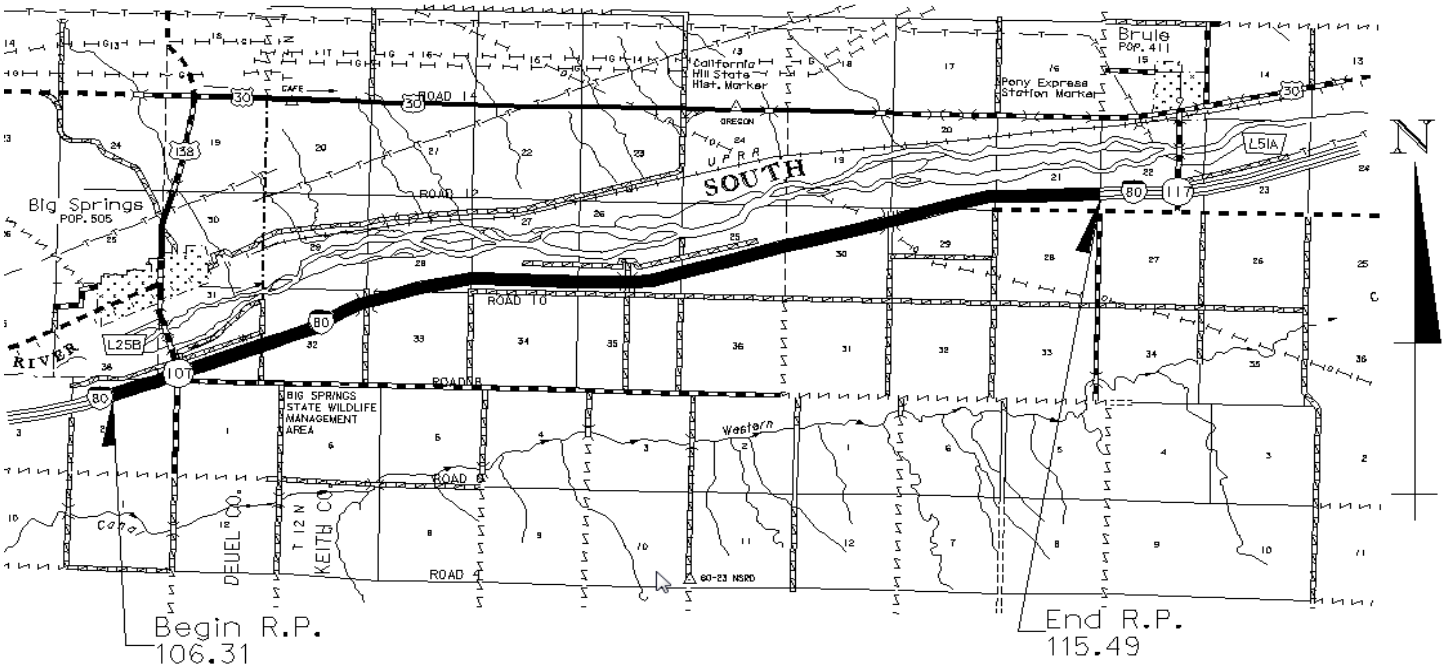
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	106.31 - 115.49	9.18	6	BIG SPRINGS-BRULE	14680	6734

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
S-80-3(1056)	24'	16' 6"	Doweled	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47C	2016			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	4			100.0	100.0	9			2039	2045
Descending	8	4			100.0	100.0	9			2039	2045

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2015	4-Lane Gr, Conc Pvmt, Br Repair	106.310-115.490	61589	S-80-3(1056)
2015	Crossovers, Lighting	106.310-115.490	61589A	MISC-80-3(1057)
2019	Conc Surf Seal	106.310-115.480	61660	NH-80-3(165)
2024	Joint & Surf Seal	106.310-115.490	61643	NH-80-3(162)



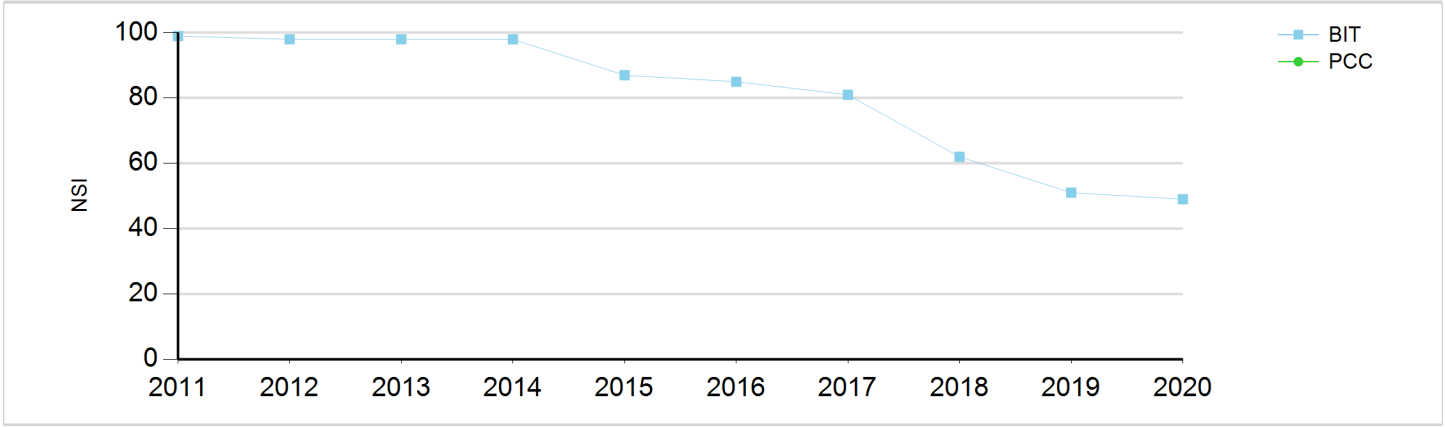
Comments:

Built by IHC under 80-3(1058) Big Springs - Brule, CN 61589
EB built 2015 w/3 failed cement samples. $763K deduction.
EB and Interchange PCC sealed in 2018
Data is wrong in book. Don't have as-builts yet?
WB cores showed air clustering around aggregate and high air per Lieska 8/13/18. Program WB Penetrating Concrete Sealer project or combine w/future Joint Seal. 2020 ITF - Correct 61643 crack seal to joint seal and add concrete sealer.
2021 ITF - Confirm 61643 was corrected in 2020

Pavement Condition History Data

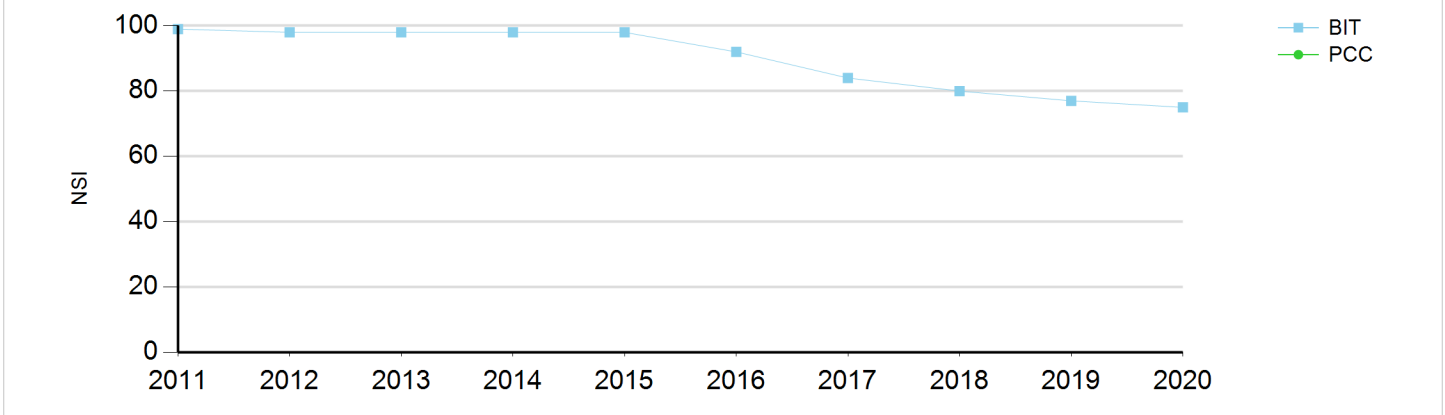
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	115.49	126.25	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	99	98	98	98	87	85	81	62	51	49
NSI PCC										
IRI	0.73	0.73	0.73	0.79	0.84	0.91	1.02	1.20	1.45	1.57
PSI	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0	3.9	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	65	65	65	65	67	65	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	1.7	1.9	2.3	1.6	2.2	1.0	1.4	2.0	1.8	2.1
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	115.49	126.25	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	99	98	98	98	98	92	84	80	77	75
NSI PCC										
IRI	0.78	0.79	0.79	0.85	0.92	1.02	1.07	1.38	1.63	1.50
PSI	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.0	3.8	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	31	65	65	68	68	68	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	1.8	1.8	2.2	1.4	1.9	0.5	1.6	1.7	1.9	1.9
% Over 13mm										
Rut Depth -PL										



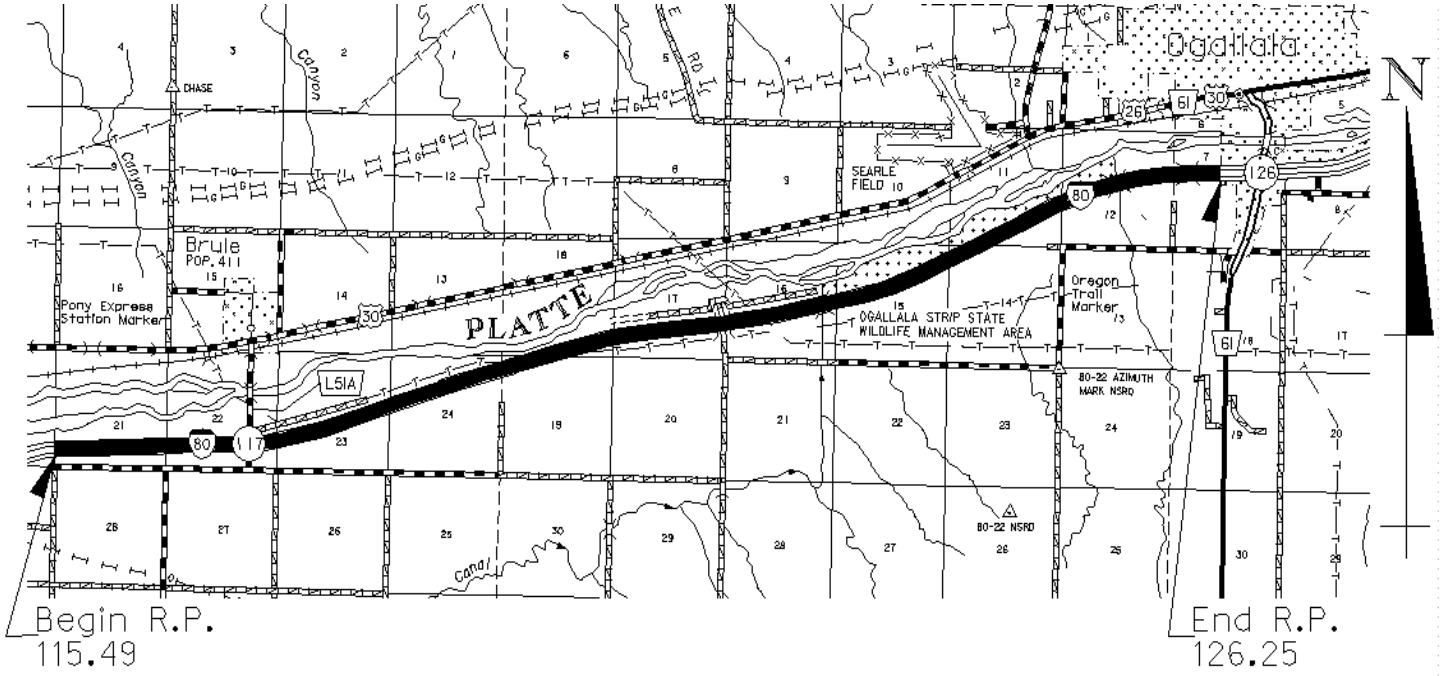
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	115.49 - 126.25	10.76	6	BRULE-OGALLALA	14666	6760

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-3(24)	24'	46' 6"	Wire	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47C	1968	4"	SP5	1989, 00, 2010

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	10		99.0		100.0	5	PSTO	PSTC	2039	2045
Descending	6	10		99.0		100.0	7	2022	2026	2039	2045

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1990	JOINT REPAIR RESURF	126.230-132.910	60695	IR-80-3(91)
2000	MILL INLAY & BR OVLY	115.450-126.250	60739	EACIM-80-3(97)
2010	MILL INLAY	115.450-126.260	61392	IM-80-3(135)
2013	Crack Seal	102.090-132.930	61393	RD-80-3(1043)
2021	4-Lane Gr, Surf, S Shld, Br	115.480-125.640	61565	NH-STP-80-3(152)
2021	Rest Area Rehab	122.700-123.600	61370A	NH-80-3(134)
2023	Crossovers	125.650-132.890	61586A	NH-80-3(157)
2024	Conc Pvmt, Rest Area Rehab	125.650-132.890	61586	NH-80-3(156)



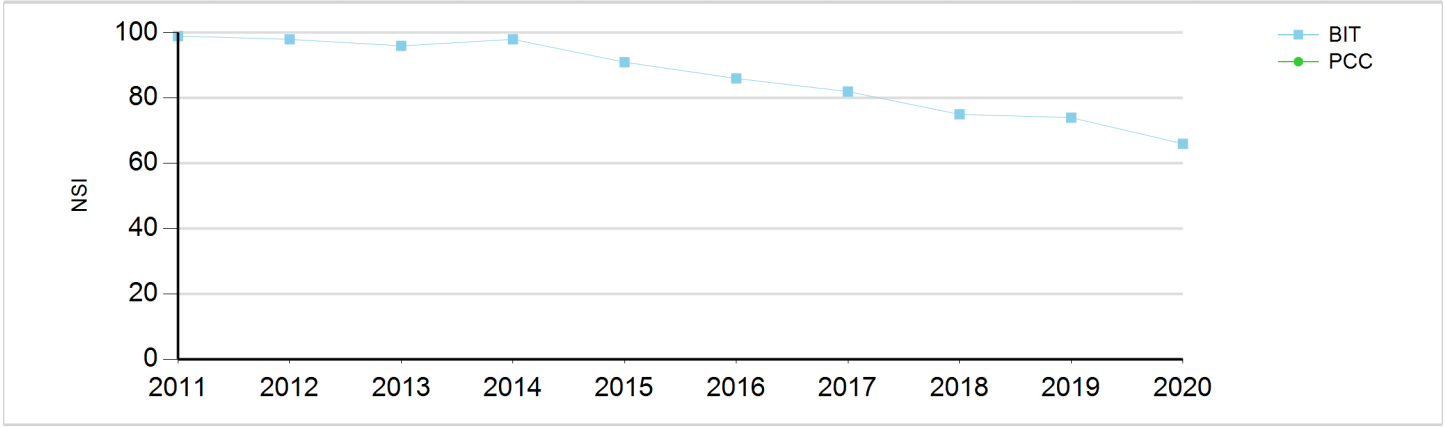
Comments:

2017 ITF - Program Crack Seal for appr. 2020. Mainline only. Rebuild in 2022/2023
Discussed expanded shale chip seal for possible I80 test. Roger says they have gotten up to 8 years out of them on other roads vs. 3 yrs for armor coat.
4/16/18 - Rebuild moved up to 8/29/19 letting. Advised Jaime K. to cancel crack seal in 7/25/19 letting.
2020 ITF - $1M repairs WB done by C/O to crossover project. Awaiting funding for rebuild in 2020?
2021 ITF - Repairs in WB prep for head to head for 2021 replacement project.

Pavement Condition History Data

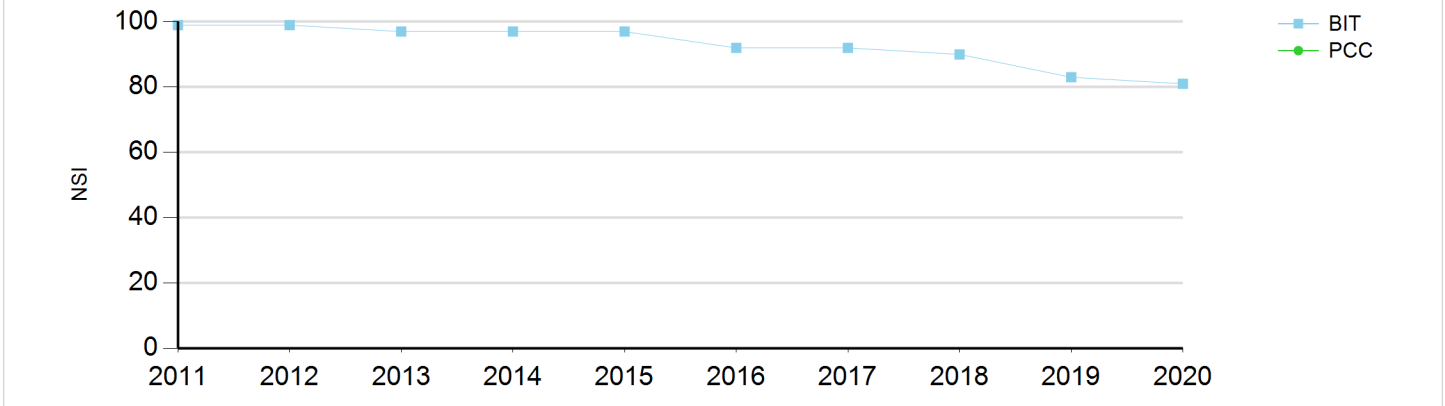
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	126.25	132.89	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	99	98	96	98	91	86	82	75	74	66
NSI PCC										
IRI	0.92	0.86	0.85	0.88	0.91	1.00	1.05	1.18	1.51	1.60
PSI	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.0	3.9	3.6
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	35	45	45	45	45	45	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.3	2.8	4.3	2.1	2.4	0.8	2.4	2.3	2.7	3.0
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	126.25	132.89	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	99	99	97	97	97	92	92	90	83	81
NSI PCC										
IRI	0.92	0.95	0.90	0.95	0.99	1.04	1.09	1.19	1.26	1.38
PSI	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	35	35	100	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.3	2.4	3.4	1.9	2.7	1.5	2.2	2.4	2.7	2.8
% Over 13mm		0.1								
Rut Depth -PL										



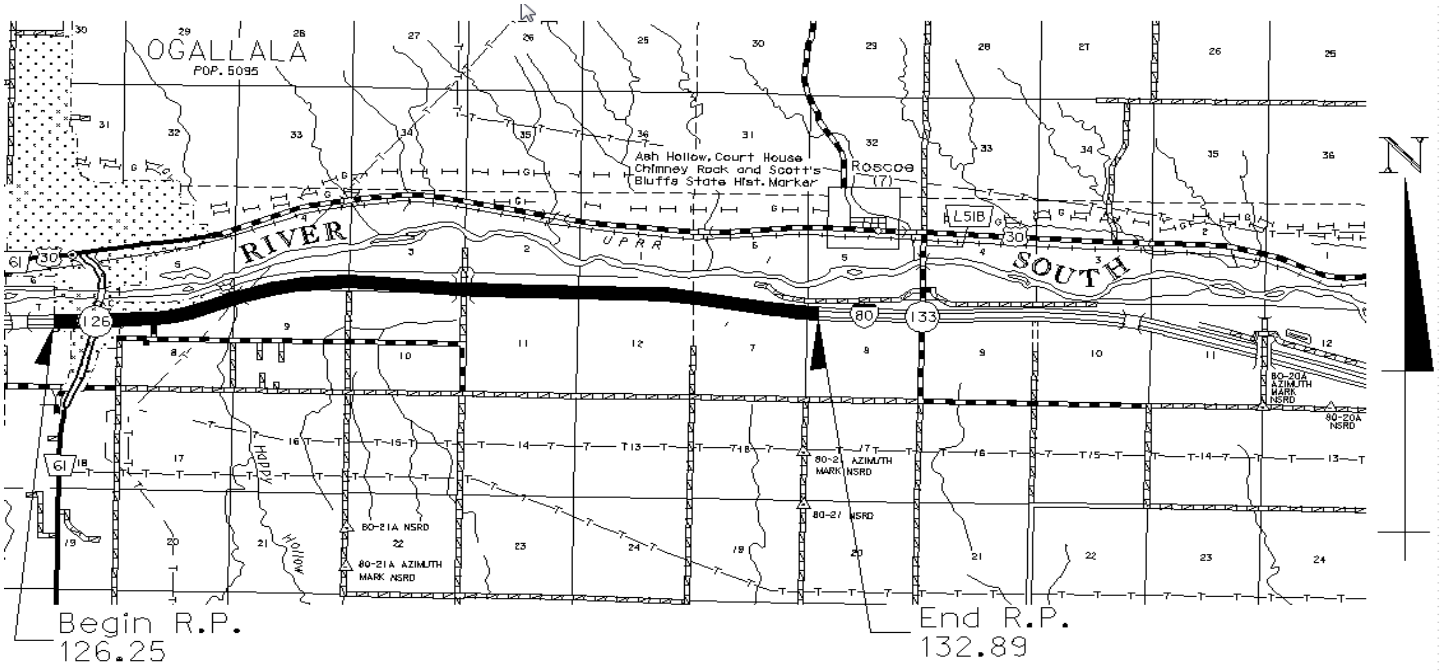
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	126.25 - 132.89	6.64	6	OGALLALA-ROSCOE	15860	6950

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-3(21)	24'	46' 6"	Wire	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47C	1968	4"	SP5, AX Sp	1990, 02, 10

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	10		100.0		100.0	6	PSTO	2023		
Descending	6	10		100.0		100.0	9	2024	2028		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2002	MILL, INLAY	126.250-132.930	60740	EACIM-80-3(98)
2005	CRACK SEAL	126.250-132.930	61375	RD-80-3(1041)
2010	MILL RESURF	126.250-132.930	61422	IM-80-3(139)
2013	Crack Seal	102.090-132.930	61393	RD-80-3(1043)
2023	Crossovers	125.650-132.890	61586A	NH-80-3(157)
2024	Rest Area Rehab	132.150-132.150	61371A	NH-80-3(155)
2024	Conc Pvmt, Rest Area Rehab	125.650-132.890	61586	NH-80-3(156)



Comments:

2017 ITF - Program crack seal appr. 2020 to get to 2024 rebuild. BB. CN 61659 should we advance due to amount of pumping and repairs, can we last. Centerline joint starting to ravel. Can minimal concrete repairs be added to crack seal project. Minimal repairs: blowups, pumping, AC patches

2019 ITF - Segment may not make it til 2024 rebuild. Can we move up to 2022? DE concerned about spending $ on repair prior to rebuild.

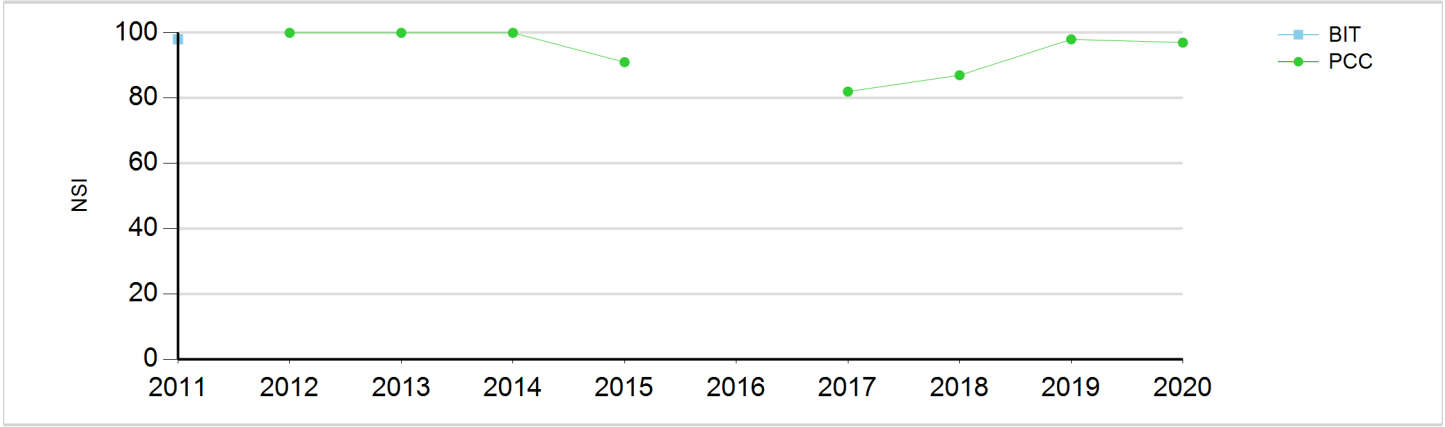
2020 ITF - Joints pumping, wont make it to 2024. See comments on Lex - Overton. Move rebuild up to 2023 (soonest due to adjacent segment). Need to add PCC repair to cross over project for head to head traffic.

2021 ITF - DCE- Worst segment left but is programmed. Maintenance has been dong concrete patching near Ogalalla. Identified as next project to go. Maintenance sealing CL joints. C/O used to add repairs for head to head for crossover project.

Pavement Condition History Data

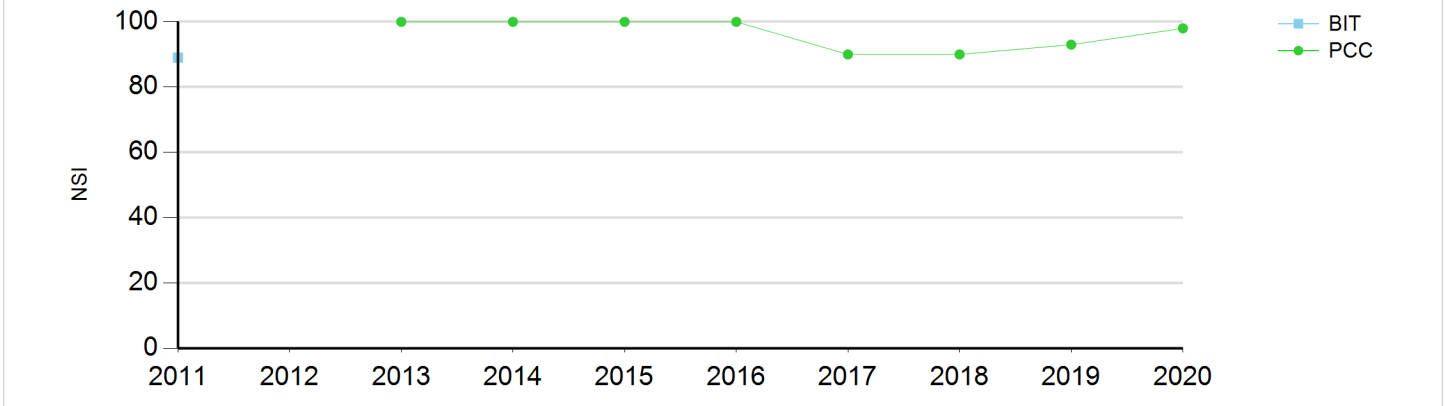
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	132.89	144.20	6	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	98									
NSI PCC		100	100	100	91		82	87	98	97
IRI		1.56	1.60	1.51	1.49	1.45	1.47	1.40	1.43	1.42
PSI	4.3	4.2	4.1	4.2	4.2		4.1	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC		0	0	0	0		0	1	0	0
#TC BIT	69									
%Bad Jnts PCC		0	0	0	2		6	0	0	0
Faulting		0.10	0.10	0.64	0.71		0.56	0.53	0.18	0.70
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	132.89	144.20	6	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	89									
NSI PCC			100	100	100	100	90	90	93	98
IRI		1.84	1.76	1.63	1.55	1.60	1.61	1.66	1.61	1.71
PSI	4.3		4.0	4.1	4.2	4.1	4.1	4.1	4.1	4.0
Crkng Index BIT										
Slab Distrs PCC			0	0	0	0	0	0	0	0
#TC BIT	66									
%Bad Jnts PCC			0	0	0	0	0	0	0	0
Faulting			0.05	0.03	0.48	0.05	0.61	0.64	0.46	0.71
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



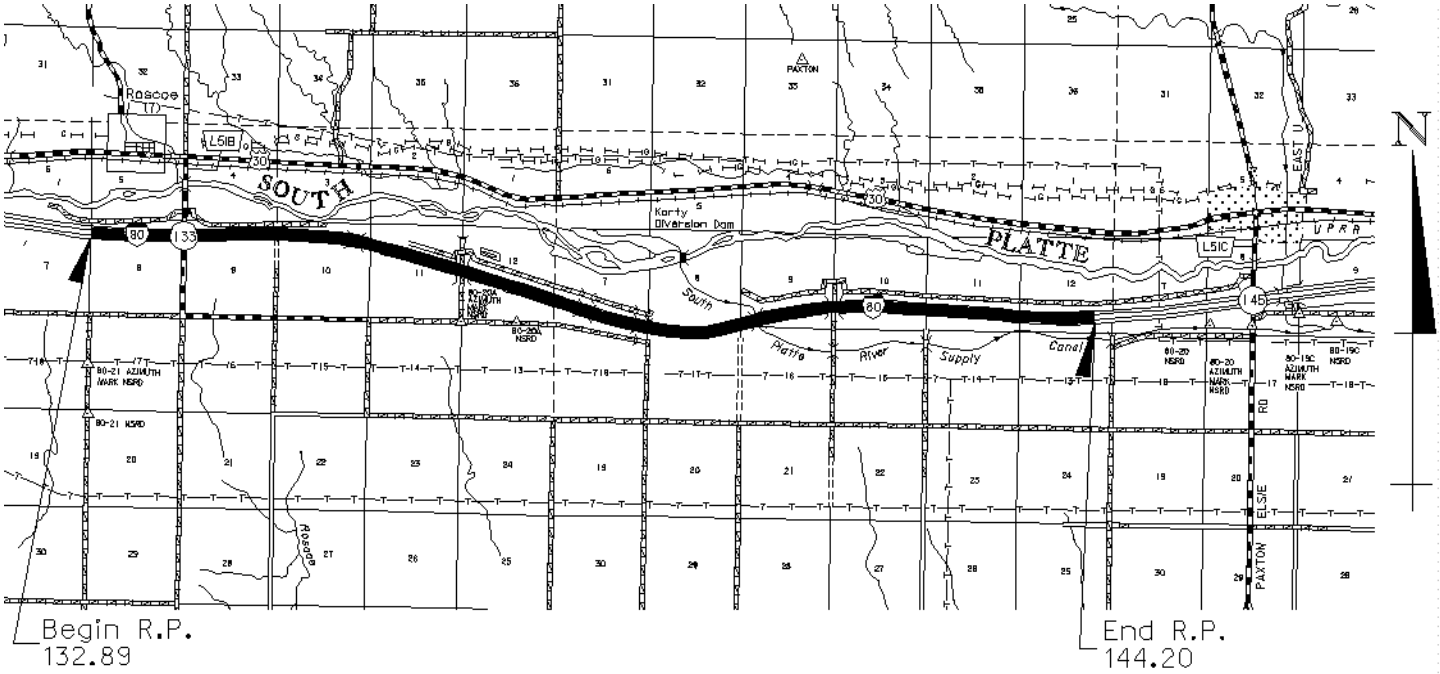
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	132.89 - 144.20	11.31	6	ROSCOE-PAXTON	16030	6942

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-80-3(105)	24'	16' 6"	Doweled	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47C	2011			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	5			100.0	100.0	8			2039	2045
Descending	8	5			100.0	100.0	9			2039	2045

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2011	CONC PVMT	132.890-144.200	60975	IM-80-3(105)
2015	Correct Deficiencies	132.890-144.200	60975D	S-80-3(1058)
2020	Concrete Seal	132.890-144.150	61527	NH-80-3(154)



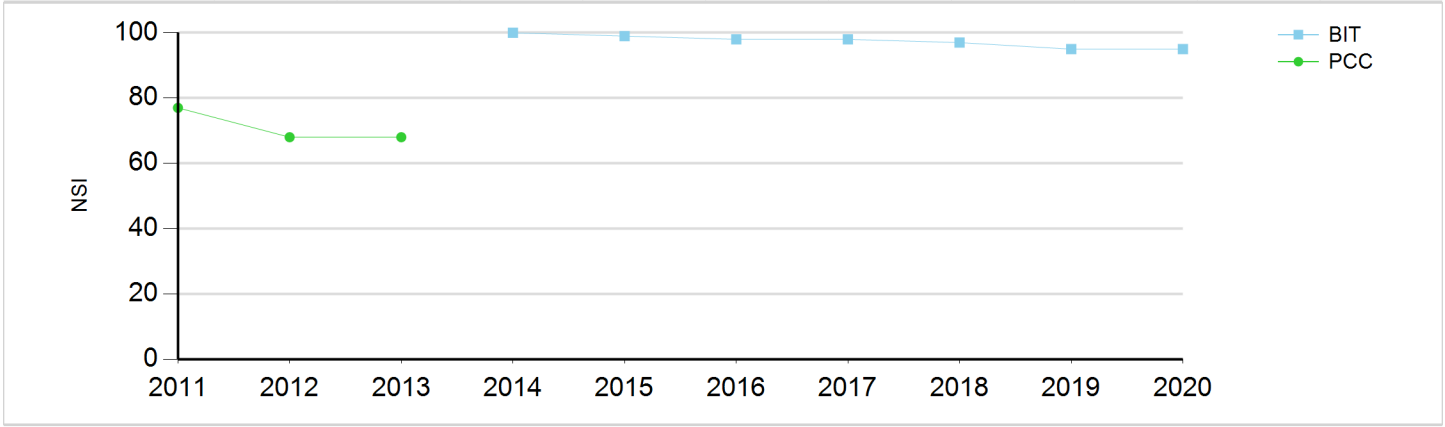
Comments:

Built by Upper Plains who walked off project in 2012.
Rough; pinned every 25' and sensitivity too high? Voids and tears in PCC. Replaced some shoulders due to sawing.
Awarded repair contract.
Considered changing 2019 Joint Seal to Grind and Seal but rejected based on ongoing wet/dry testing.
Program sealer or overlay?
2017 ITF - Program silane sealer, 30'.
Jan 2019 - Matt B. noted: spider cracking on shoulder won't be able to seal, pumping of concrete fines present. Also high dowel bars that may require repair in future. Concrete sealer should help. Add Matt B notes concerning bridge at 140.3 to Bridge notes following ITF.
2021 ITF- Looks good. Joint seal and concrete surface seal let 61527.

Pavement Condition History Data

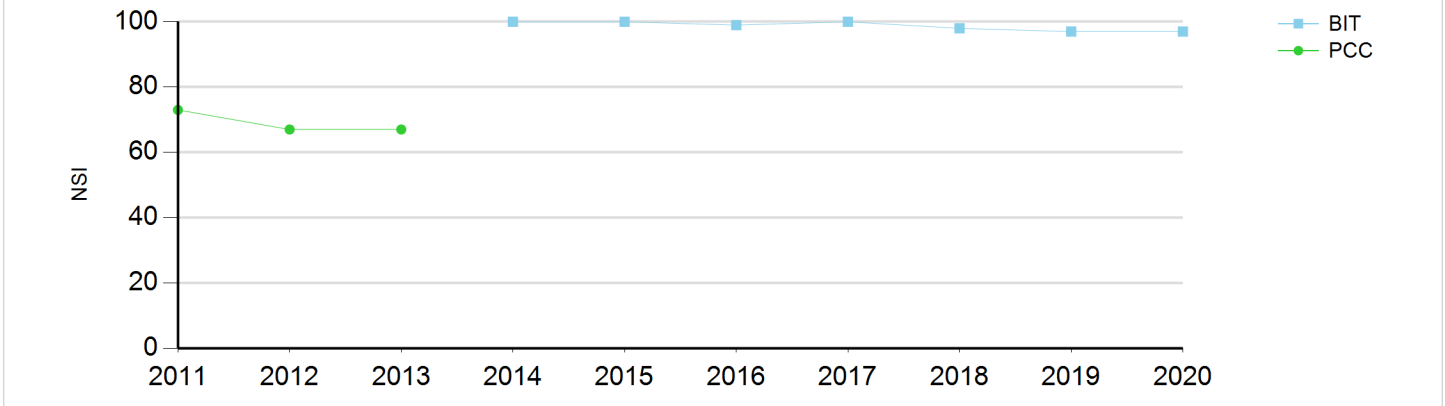
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	144.20	150.96	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit				100	99	98	98	97	95	95
NSI PCC	77	68	68							
IRI	0.89	1.04	1.07	0.67	0.63	0.65	0.64	0.66	0.74	0.70
PSI				4.4	4.4	4.4	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	10	10	10							
#TC BIT				0	0	10	10	100	100	100
%Bad Jnts PCC	0	5	5							
Faulting	0.19	0.18	0.16							
Rut Depth -DL				1.0	1.9	1.1	0.7	0.8	0.8	1.2
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	144.20	150.96	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit				100	100	99	100	98	97	97
NSI PCC	73	67	67							
IRI	0.91	1.18	1.03	0.60	0.63	0.70	0.71	0.75	0.71	0.71
PSI				4.4	4.4	4.4	4.4	4.3	4.4	4.3
Crkng Index BIT										
Slab Distrs PCC	8	8	8							
#TC BIT				0	0	0	0	61	34	100
%Bad Jnts PCC	1	7	7							
Faulting	0.49	0.55	0.52							
Rut Depth -DL				0.9	1.3	1.7	0.9	1.2	1.3	0.8
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	144.20 - 150.96	6.76	6	PAXTON EAST	16078	6896

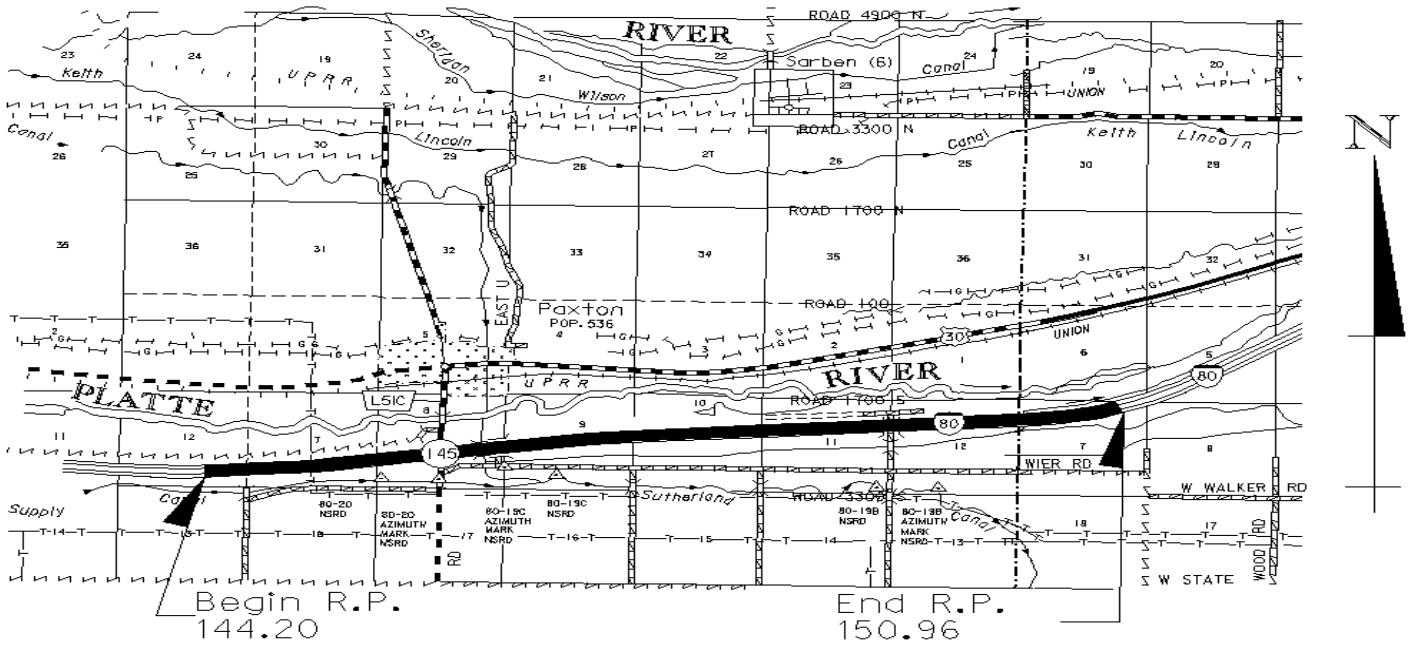
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-3-(83)	*24'	13'-18' Random	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1985	4"	SPH	2015

*Mainline 24' Wide, Concrete 3' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	5		100.0		100.0	7	2029	2033		
Descending	6	5		100.0		100.0	8	2030	2034		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	JOINT SEAL	144.200-150.960	61234	RD-80-3(1026)
2004	JT REPAIR, GRINDING	144.200-150.960	61219	RD-80-3(1037)
2014	Resurf, Br Repair	144.200-150.960	61428	NH-80-3(141)
2018	Crack Seal	144.200-150.960	61621	NH-80-3(158)



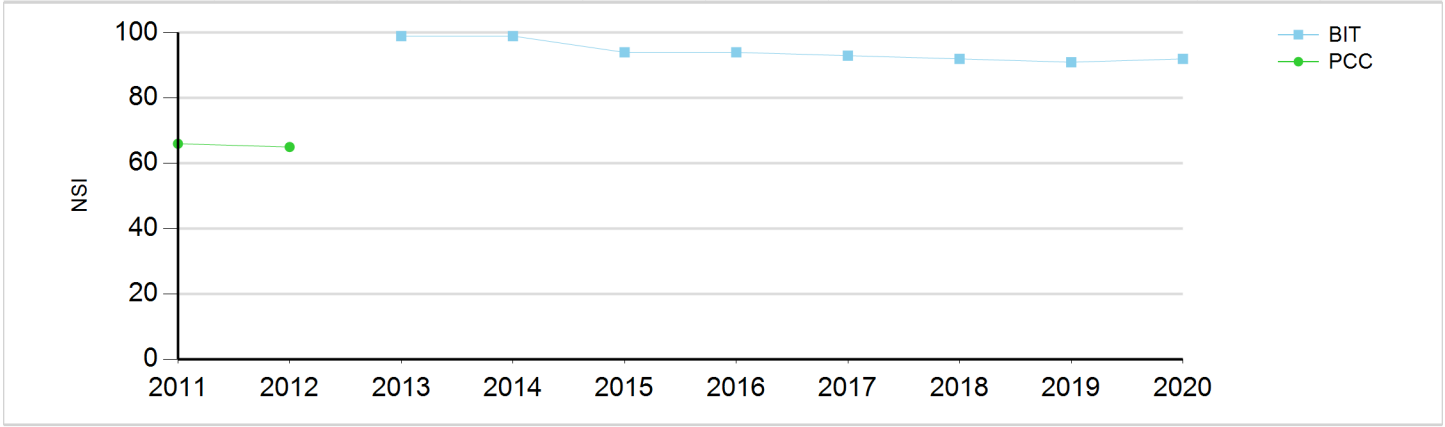
Comments:

2019 ITF - Program next resurfacing appr. 2024.
Take Exit 145 to Paxton to Drive Hwy 30 PCC overlay w/DE.
2020 ITF - Program next resurfacing appr. 2025.
2021 ITF - Program resurfacing to 2026. 2" M/F

Pavement Condition History Data

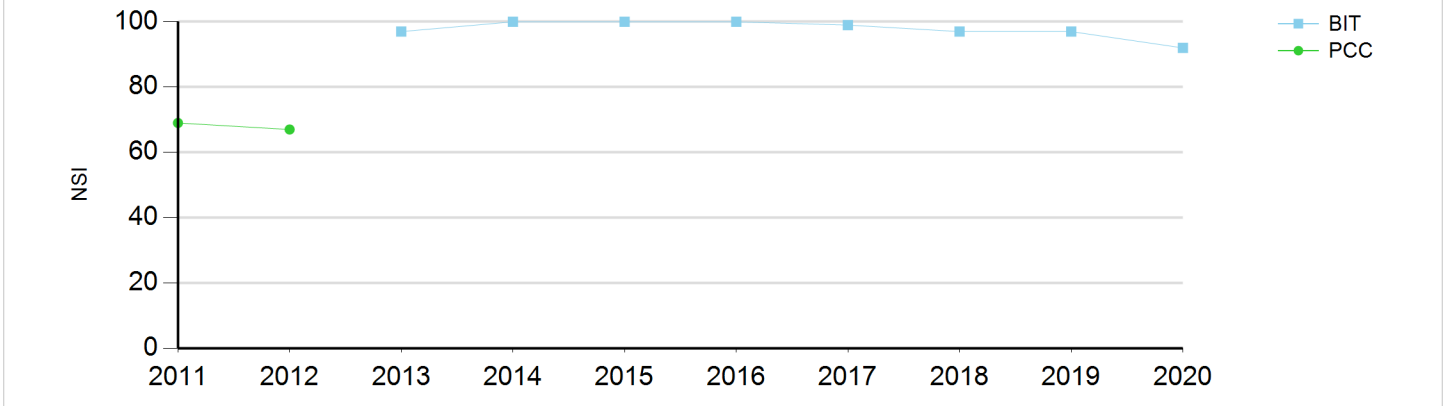
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	150.96	157.66	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit			99	99	94	94	93	92	91	92
NSI PCC	66	65								
IRI	1.10	1.27	1.69	0.56	0.52	0.57	0.56	0.61	0.67	0.67
PSI			4.1	4.4	4.4	4.4	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	7	8								
#TC BIT			0	0	6	10	10	64	86	86
%Bad Jnts PCC	8	10								
Faulting	0.28	0.43								
Rut Depth -DL			0.9	1.9	1.7	1.3	2.0	2.1	2.2	2.3
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	150.96	157.66	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit			97	100	100	100	99	97	97	92
NSI PCC	69	67								
IRI	1.01	1.05	1.45	0.54	0.53	0.58	0.61	0.65	0.63	0.64
PSI			4.2	4.4	4.4	4.4	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	2	2								
#TC BIT			0	0	0	0	0	100	100	99
%Bad Jnts PCC	4	5								
Faulting	0.18	0.12								
Rut Depth -DL			3.8	1.2	1.4	0.8	1.6	2.0	2.0	1.6
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	150.96 - 157.66	6.70	6	SUTHERLAND WEST	16090	6884

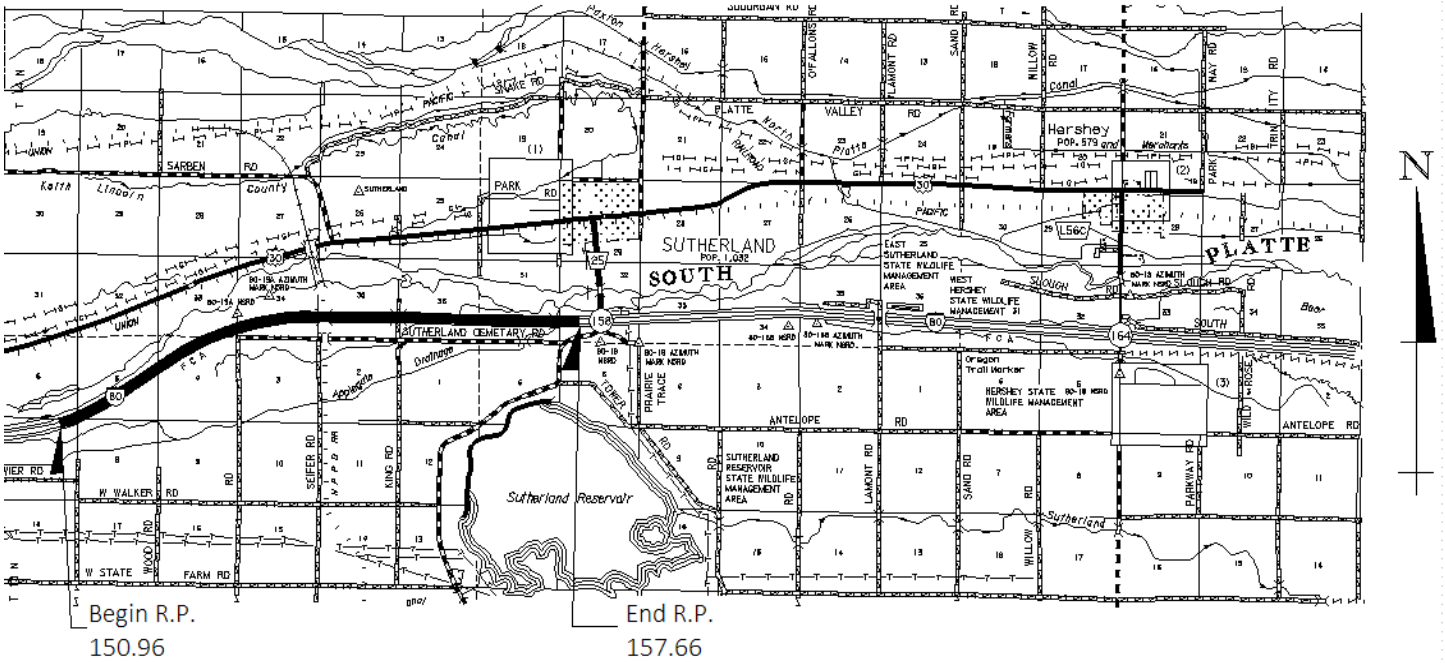
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-3(81)	*24'	16' 6"	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1986	4"	SPH	2014

*Mainline 24' Wide, Concrete 3' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	6		100.0		100.0	8	2028	2032		
Descending	6	6		100.0		100.0	8	2028	2032		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2002	DOWEL BAR RETROFIT, GRINDING	150.960-157.740	61218	RD-80-3(1025)
2010	JOINT SEAL	150.960-157.740	61394	RD-80-3(1044)
2013	Resurf	150.960-157.740	61442	IM-80-3(143)
2018	Crack Seal	150.960-157.740	61611	NH-80-3(159)



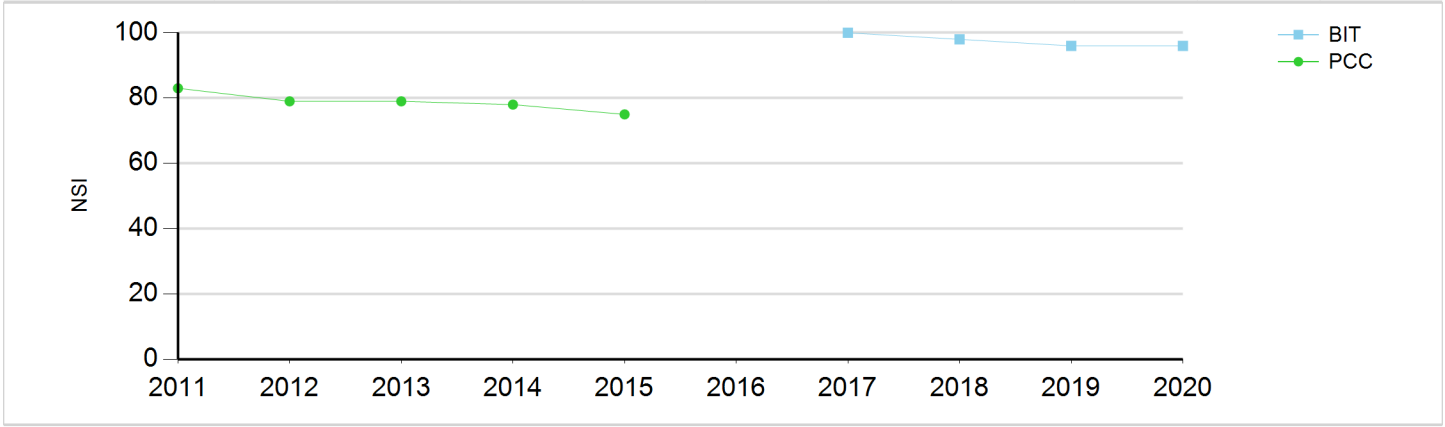
Comments:

2019 ITF - Program next resurfacing.
2020 ITF - Program resurfacing for 2023 (2")
2021 ITF- Program white topping for 2027

Pavement Condition History Data

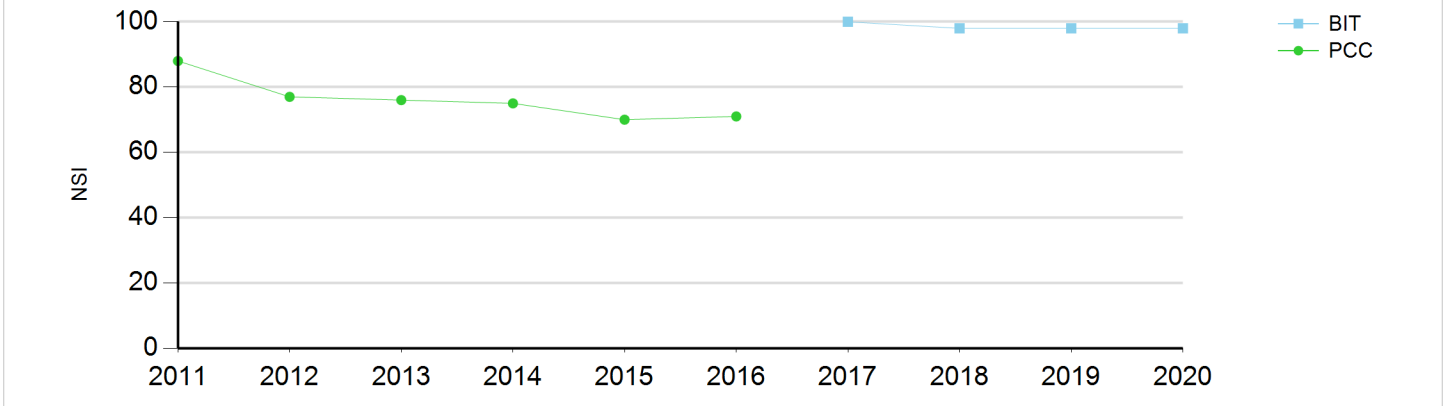
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	157.66	164.08	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit							100	98	96	96
NSI PCC	83	79	79	78	75					
IRI	0.96	1.31	1.14	1.32	1.41	1.51	0.99	0.69	0.77	0.77
PSI							4.4	4.4	4.4	4.3
Crkng Index BIT										
Slab Distrs PCC	10	10	10	10	16					
#TC BIT							0	10	11	27
%Bad Jnts PCC	0	0	0	0	3					
Faulting	0.34	0.54	0.45	0.94	2.30					
Rut Depth -DL							0.7	2.9	3.1	3.2
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	157.66	164.08	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit							100	98	98	98
NSI PCC	88	77	76	75	70	71				
IRI	1.00	1.13	1.10	1.24	1.37	1.50	0.81	0.70	0.69	0.71
PSI							4.4	4.4	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC	13	13	13	13	17	17				
#TC BIT							0	0	0	0
%Bad Jnts PCC	0	3	3	3	6	6				
Faulting	0.32	0.41	0.45	0.08	1.72	1.62				
Rut Depth -DL							1.0	3.4	3.4	3.3
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	157.66 - 164.08	6.42	6	SUTHERLAND INTERCHANGE-H	16890	6870

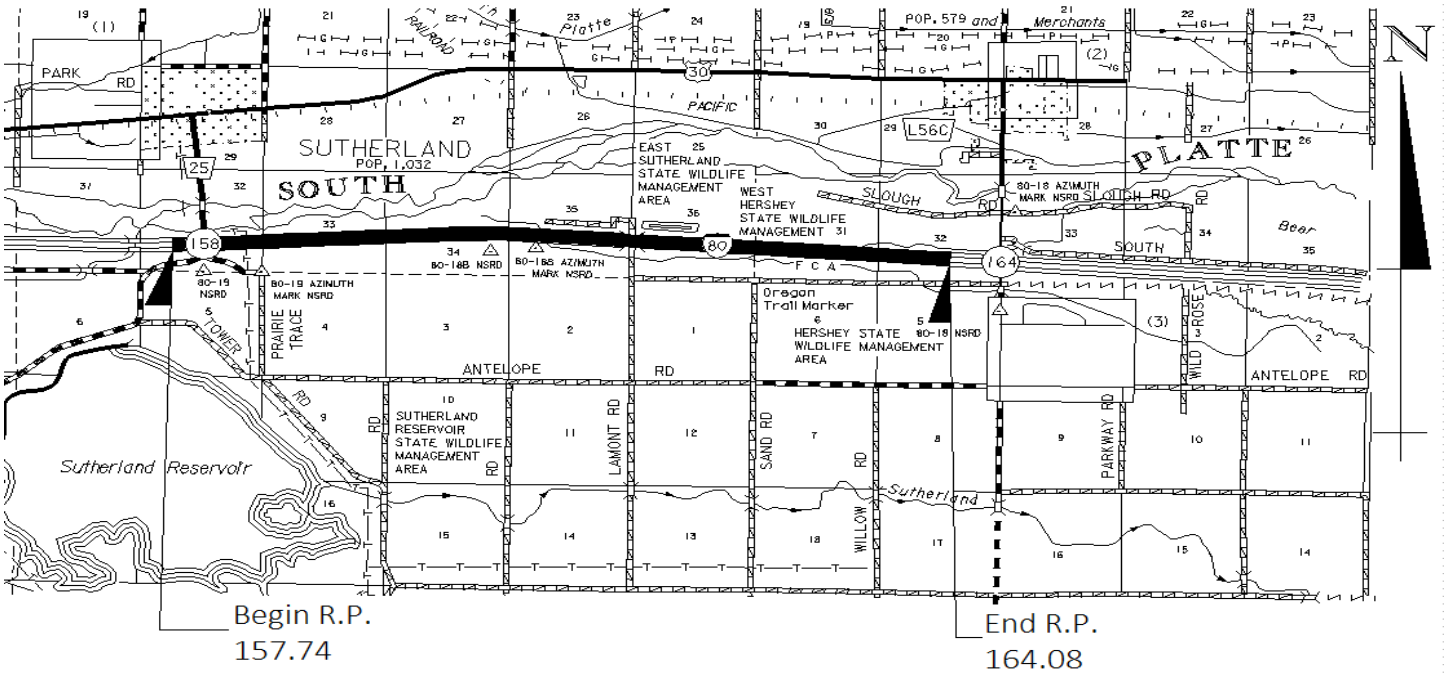
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-3(93)	*24'	16' 6"	Tie bars	12" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1989	4"	SPH	2016

*Mainline 24' Wide, Concrete 3' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	1		100.0		100.0	9	2029	2033		
Descending	6	1		100.0		100.0	9	2030	2034		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2003	JOINT SEAL	157.740-164.090	61241	RD-80-3(1028)
2008	DIAMOND GRIND CONC & JT REPAIR	157.740-164.090	61411	IM-80-3(137)
2017	Resurf, S Shld, Br Repair/Ovly	157.740-164.090	61490	NH-80-3(144)
2022	Crack Seal	157.740-164.090	61639	NH-80-3(161)



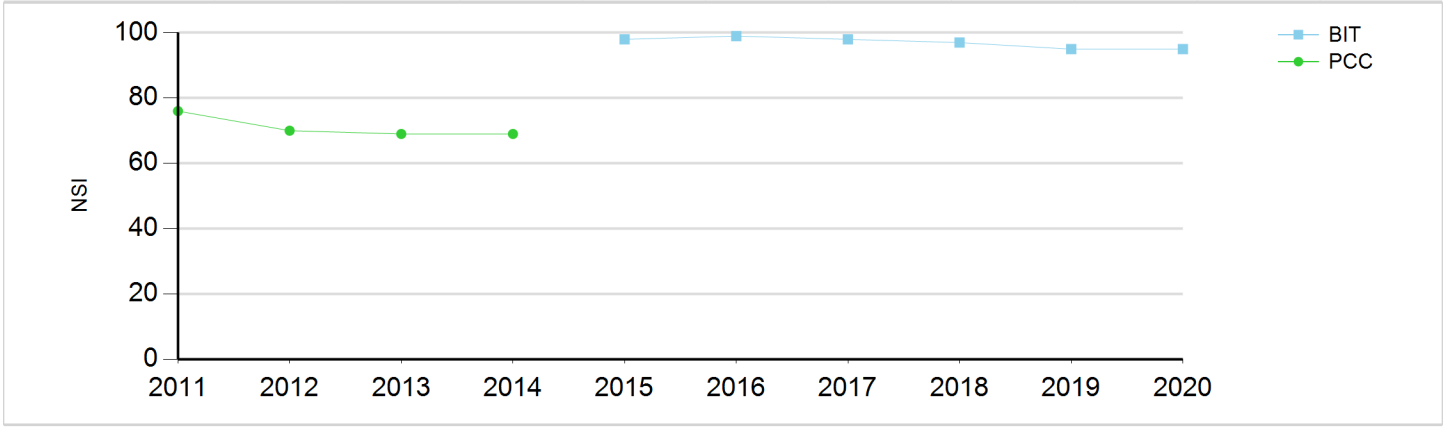
Comments:

2015 ITF - Shadows at cracks, ASR throughout slab, keep 2017 resurfacing, starting to get rough again
Jan 2019 - Overlay "mostly complete" 2018. Consider pushing Crack seal from 2020 to 2021.
2021 ITF- Good shape. Crack seal let in July 21.

Pavement Condition History Data

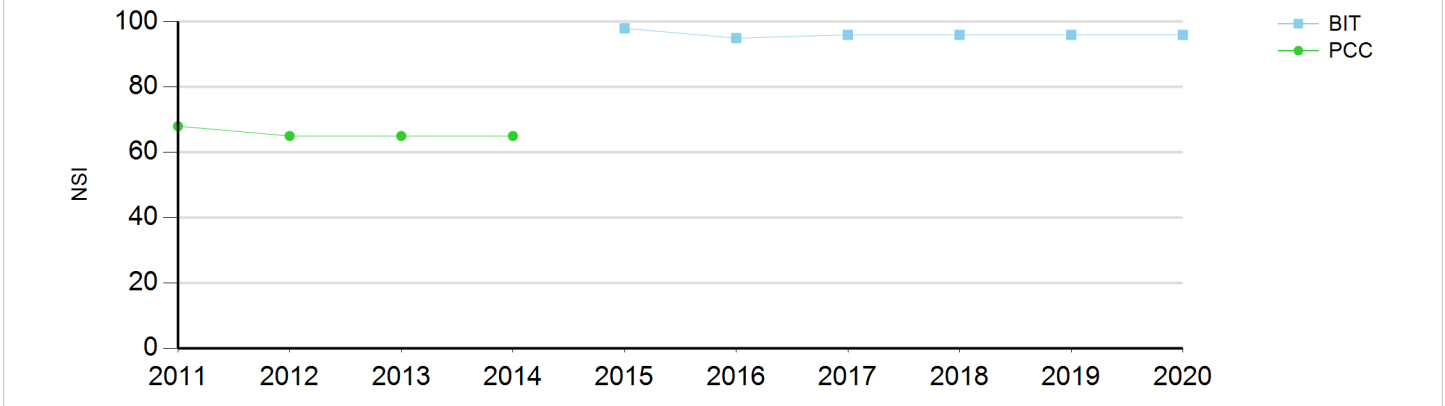
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	164.08	170.94	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit					98	99	98	97	95	95
NSI PCC	76	70	69	69						
IRI	0.81	1.01	1.08	0.80	0.50	0.53	0.55	0.68	0.73	0.73
PSI					4.4	4.4	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	14	16	15	15						
#TC BIT					0	10	10	91	100	100
%Bad Jnts PCC	1	5	5	5						
Faulting	0.13	0.23	0.29	0.31						
Rut Depth -DL					2.9	0.8	3.7	3.7	4.0	3.8
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	164.08	170.94	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit					98	95	96	96	96	96
NSI PCC	68	65	65	65						
IRI	0.97	1.13	0.95	1.82	0.55	0.57	0.68	0.80	0.74	0.83
PSI					4.4	4.4	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	12	12	12	12						
#TC BIT					0	8	0	100	100	100
%Bad Jnts PCC	0	5	5	5						
Faulting	0.10	0.13	0.07							
Rut Depth -DL					2.8	1.2	3.0	3.3	3.8	3.7
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	164.08 - 170.94	6.86	6	HERSHEY EAST	17298	6892

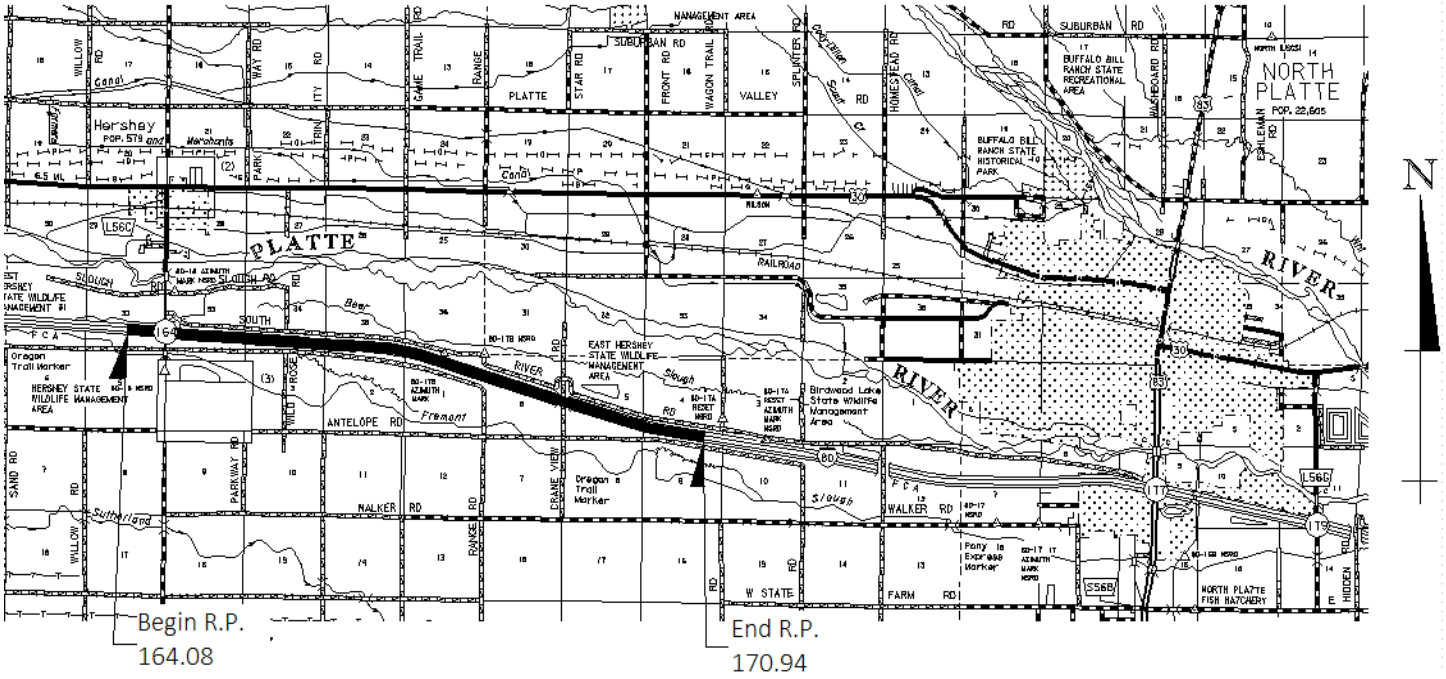
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-3(88)	*24'	16' 6"	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1986	4"	SPH	2015

*Mainline 24' Wide, Concrete 3' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	5		100.0		100.0	9	2029	2033		
Descending	6	5		100.0		100.0	8	2029	2033		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	JOINT SEAL	164.090-176.820	61235	RD-80-3(1027)
2004	DOWEL BAR RETROFIT GRINDING	164.090-170.940	61256	RD-80-3(1031)
2008	INTERCHANGE	164.530-164.530	60856	S-80-3(1039)
2014	Mill, Resurf, Br Repair	164.090-170.940	61427	IM-80-3(140)
2018	Crack Seal	164.090-170.940	61609	NH-80-3(160)



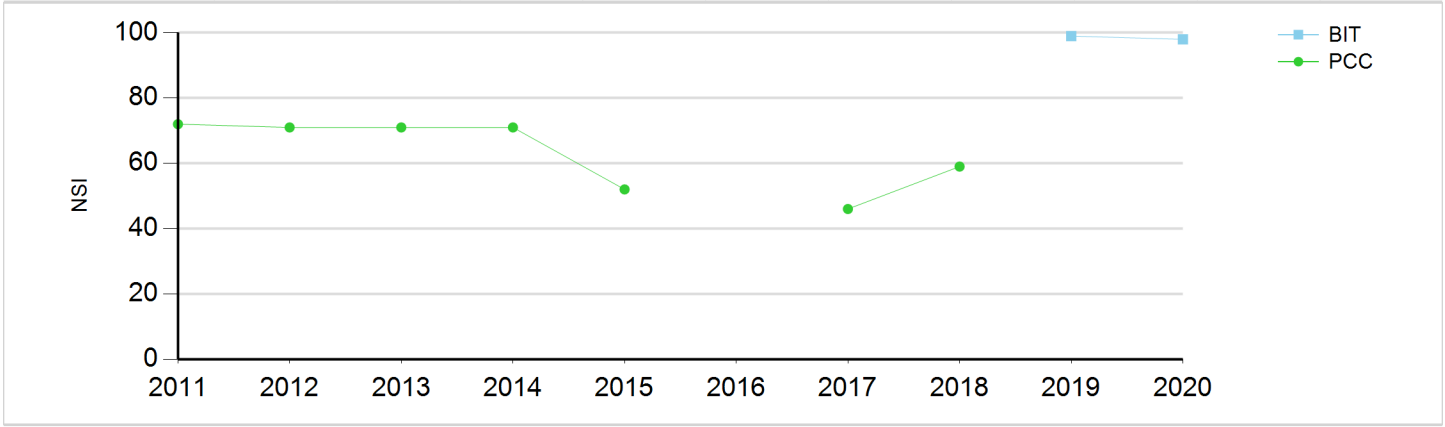
Comments:

2019 ITF - Program resurfacing for 2024
2020 ITF - Program resurfacing.
2021 ITF- Looks good. Program crack surfacing 2024? Program White Topping for 2026

Pavement Condition History Data

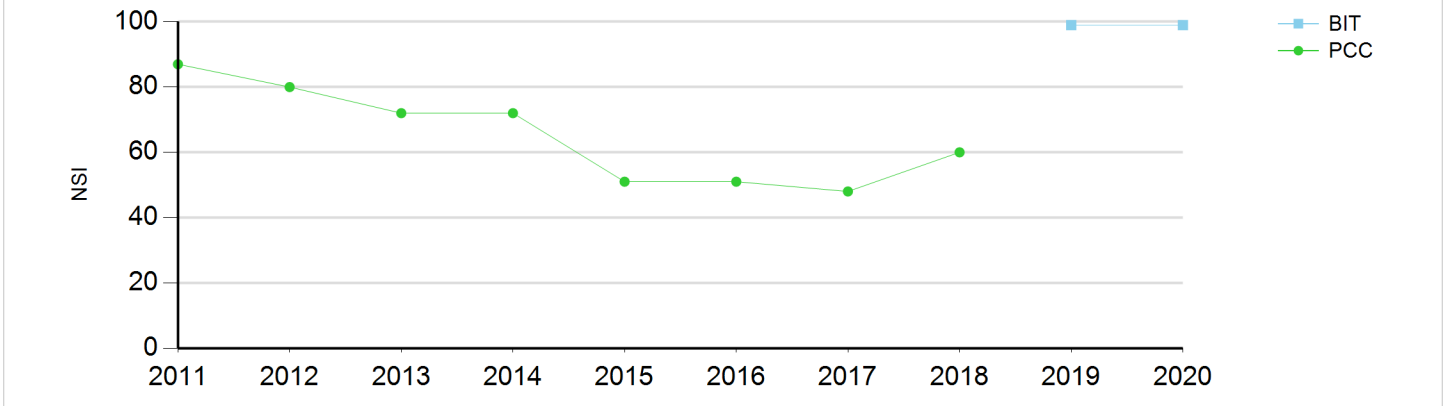
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	170.94	176.82	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit									99	98
NSI PCC	72	71	71	71	52		46	59		
IRI	0.91	1.09	1.17	1.25	1.50	1.75	1.91	2.21	0.70	0.74
PSI									4.4	4.4
Crkng Index BIT										
Slab Distrs PCC	12	12	12	14	55		55	27		
#TC BIT									0	0
%Bad Jnts PCC	0	1	1	1	12		14	8		
Faulting	0.35	0.53	0.60	0.99	2.44		3.29			
Rut Depth -DL									2.6	3.3
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	170.94	176.82	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit									99	99
NSI PCC	87	80	72	72	51	51	48	60		
IRI	0.96	1.09	1.05	1.24	1.52	1.82	1.92	1.94	0.58	0.70
PSI									4.4	4.4
Crkng Index BIT										
Slab Distrs PCC	4	4	5	5	31	31	35	15		
#TC BIT									0	0
%Bad Jnts PCC	0	4	4	4	15	15	16	5		
Faulting	0.20	0.34	0.47		2.00	2.22	3.15	1.92		
Rut Depth -DL									2.1	2.3
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	170.94 - 176.82	5.88	6	NORTH PLATTE WEST	17324	6894

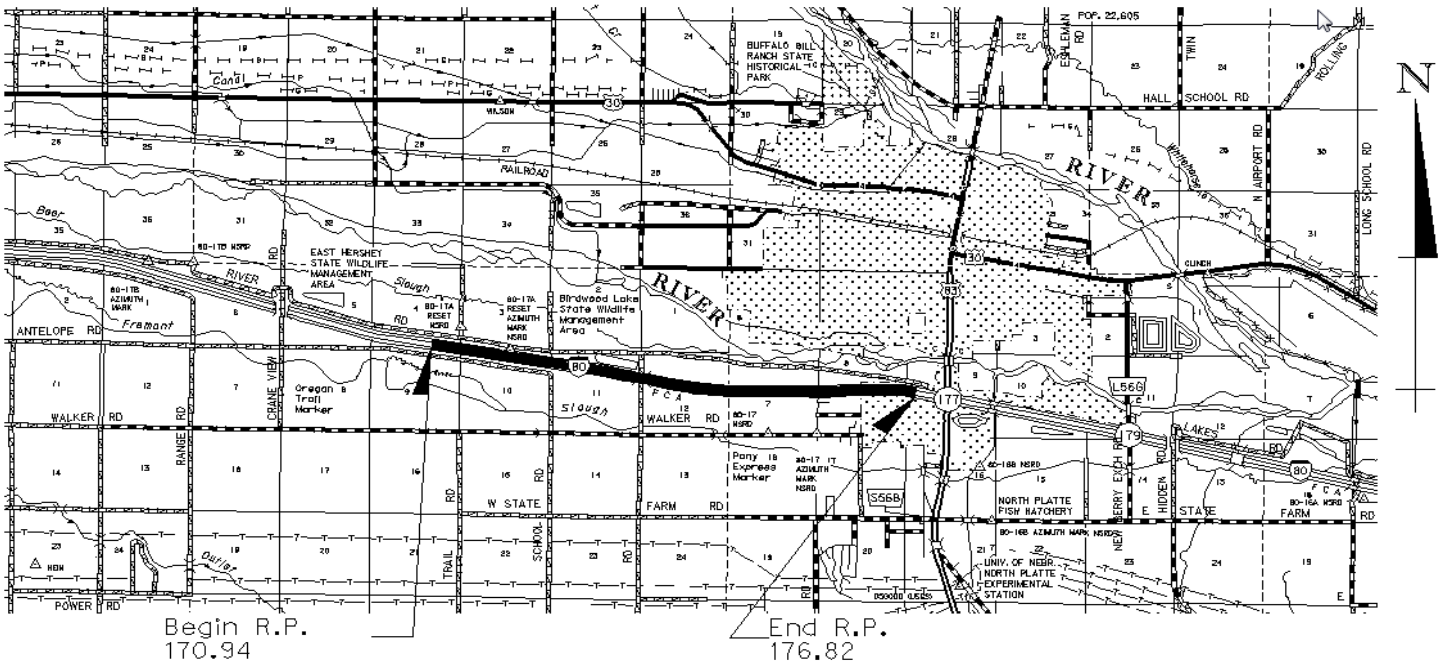
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-3(94)	*24'	16' 6"	Tie bars	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1987	4"	SPH	2018

*Mainline 24' Wide, Concrete 3' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	2		100.0		100.0	10	2030	2034		
Descending	6	2		100.0		100.0	10	2030	2034		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	JOINT SEAL	164.090-176.820	61235	RD-80-3(1027)
2010	JOINT REPAIR GRINDING	170.940-176.820	61395	IM-80-4(133)
2018	Resurf	170.860-176.820	61564	NH-80-3(151)



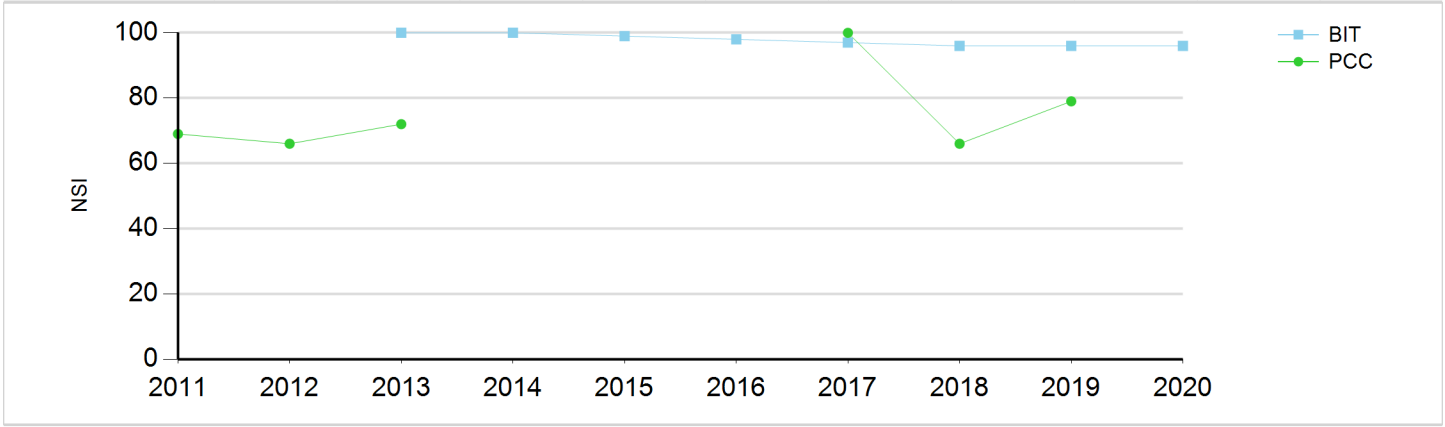
Comments:

2014 ITF - Light staining throughout slab on 177 ramps. Added ramp overlay 5/8/14. Lots of repairs on outside ML edge due to tie bar inserter per Klasna.
2019 ITF - Add Crack Seal
2020 ITF - Add Crack Seal 23/24
2021 ITF- Program resurfacing with truck scales exempt. 2" M/F

Pavement Condition History Data

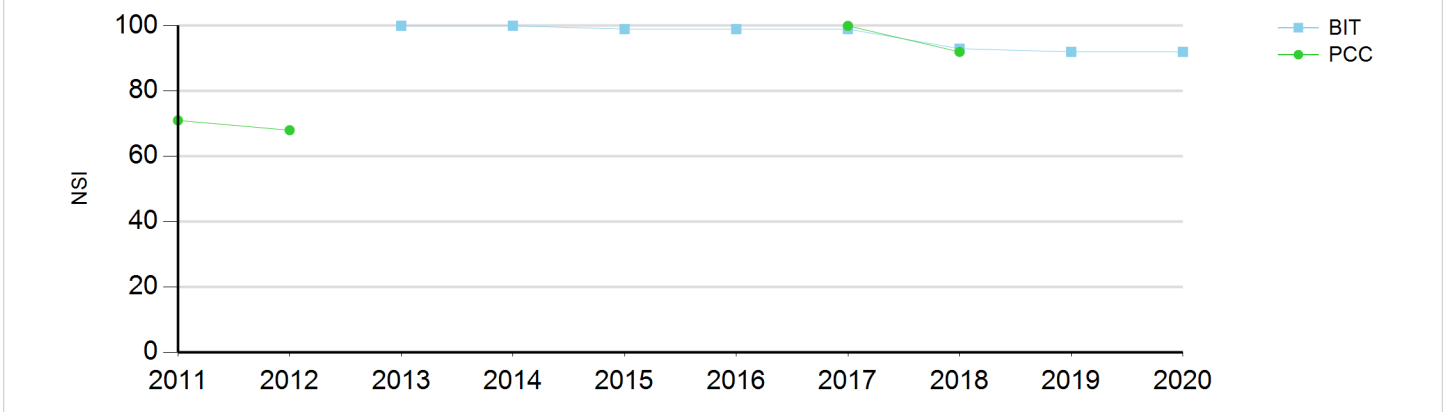
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	176.82	185.74	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit			100	100	99	98	97	96	96	96
NSI PCC	69	66	72				100	66	79	
IRI	2.16	2.08	1.03	0.95	0.94	0.95	1.01	1.03	0.95	0.86
PSI			4.3	4.4	4.4	4.4	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	17	16	0				0	13	0	
#TC BIT			0	0	0	10	10	89	90	82
%Bad Jnts PCC	6	10	0				0	3	0	
Faulting	2.59	2.28	0.56				0.62			
Rut Depth -DL			2.2		2.0	1.2	1.1	1.3	1.2	1.3
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	176.82	185.74	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit			100	100	99	99	99	93	92	92
NSI PCC	71	68					100	92		
IRI	2.46	2.52	0.88	0.85	0.91	0.98	1.06	1.03	1.07	0.92
PSI			4.4	4.4	4.4	4.4	4.4	4.2	4.1	4.2
Crkng Index BIT										
Slab Distrs PCC	17	18					0	0		
#TC BIT			0	0	0	0	0	92	98	89
%Bad Jnts PCC	4	8					0	0		
Faulting	3.33	3.51					0.76	0.81		
Rut Depth -DL			2.7	2.2	2.2	1.3	1.2	1.4	1.4	1.5
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	176.82 - 185.74	8.92	6	NORTH PLATTE EAST	17116	7014

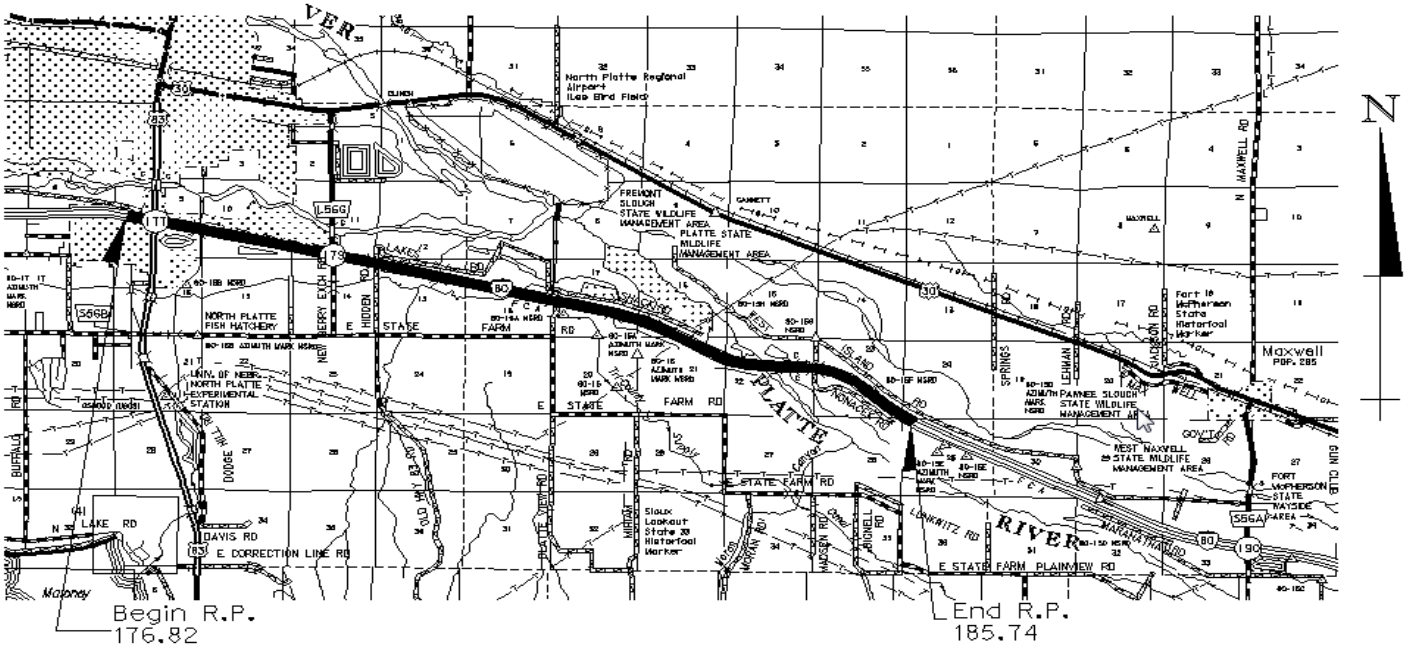
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-3(97)	*24'	16' 6"	Tie Bars	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1991	4"	SPH over LC	2015

*Mainline 24' Wide, Concrete 3' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	5		95.0	4.0	100.0	8	2029	2033	2027	2033
Descending	6	5		96.0	3.0	100.0	8	2028	2032		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2003	GR SURF RESURF S-SHLD	179.000-179.000	61300	IM-80-4(128)
2003	JOINT SEAL	176.820-185.740	61242	RD-80-4(1016)
2013	Mill, Resurf	176.820-185.740	61399	IM-80-3(136)
2018	Crack Seal	176.820-185.740	61610	NH-80-4(147)
2019	Mill, Resurf	181.110-181.110	61634	NH-80-4(146)



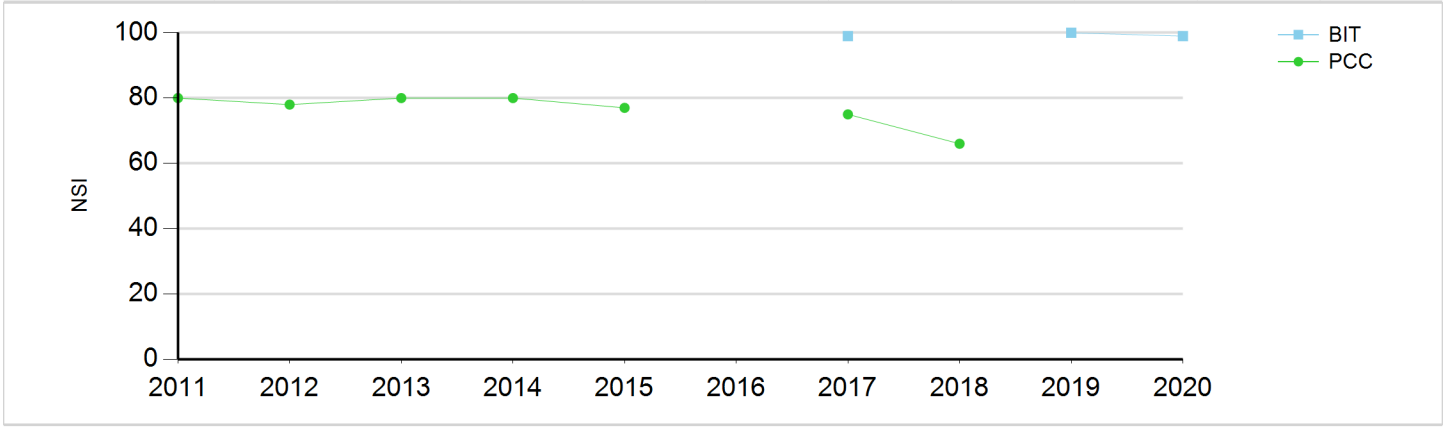
Comments:

2014 ITF - New overlay a little rough. heavy faulting in PCC. Overlay not rough when built in 2013. Gary suspects density issues due to discoloration. Built by Western. Pavement around WIM excepted.
2015 - Look at overlay of WIM. Overlay everything than cut out for plate.
2018 ITF - Discuss scale repair. Bridge won't comment. State Patrol looking for help.
2020 ITF - Program resurfacing appr. 2025. Surface is open, fines missing.
2021 ITF - Pretty good shape. Program resurfacing 2025

Pavement Condition History Data

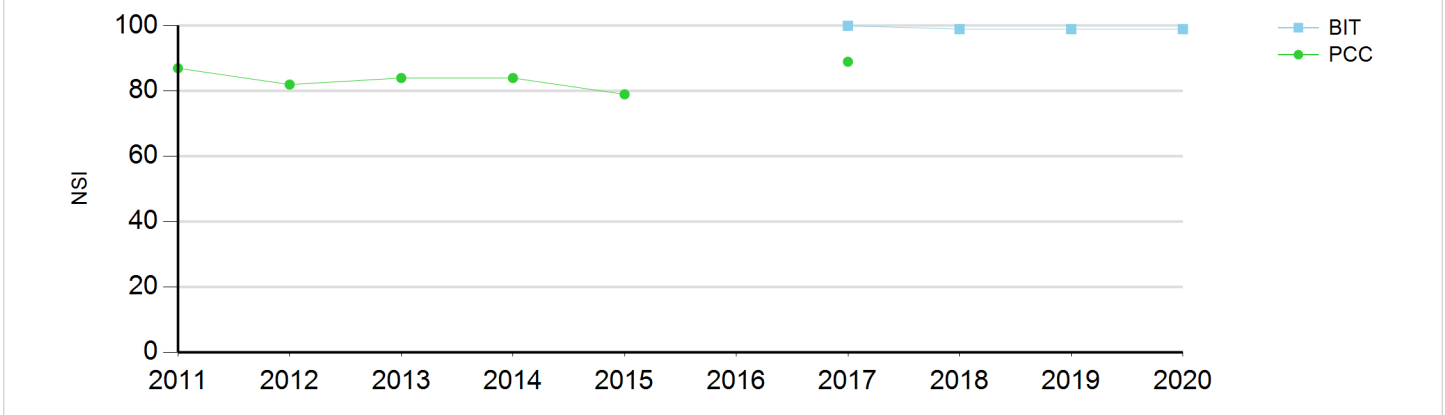
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	185.74	189.94	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit							99		100	99
NSI PCC	80	78	80	80	77		75	66		
IRI	1.60	1.63	1.51	2.02	2.00	1.99	2.21	2.20	0.52	0.49
PSI									4.4	4.4
Crkng Index BIT										
Slab Distrs PCC	2	1	2	2	2		2	10		
#TC BIT							0		0	10
%Bad Jnts PCC	2	3	2	2	2		2	0		
Faulting	0.32	0.46	0.43	0.95	2.72		2.55			
Rut Depth -DL							1.9		1.2	1.5
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	185.74	189.94	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit							100	99	99	99
NSI PCC	87	82	84	84	79		89			
IRI	2.14	2.13	2.12	2.57	2.60	2.75	1.69	2.95	0.54	0.53
PSI								3.2	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC	4	5	6	6	6		4			
#TC BIT							0	0	0	0
%Bad Jnts PCC	0	4	4	4	4		0			
Faulting	1.64	1.76	1.76	2.93	3.14		1.56			
Rut Depth -DL							1.3	2.3	1.7	1.8
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	215.60 - 222.03	6.43	6	COZAD WEST	17124	7040

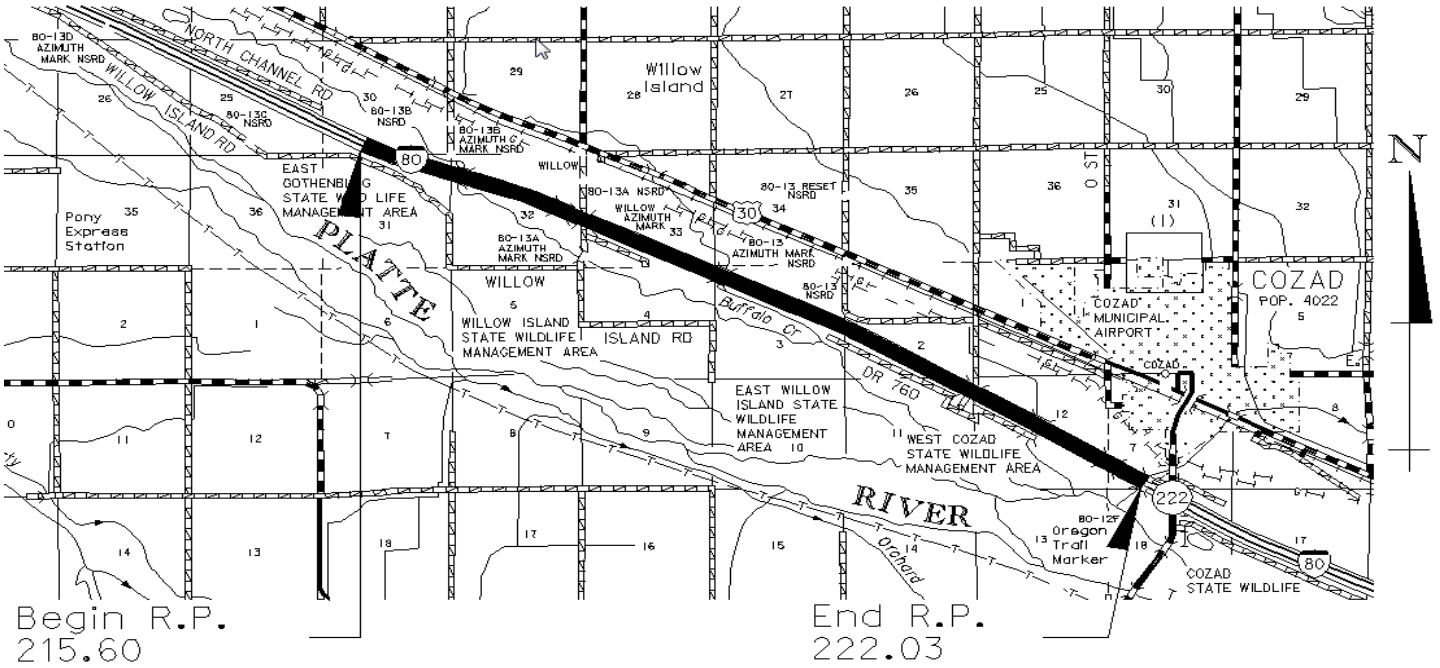
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-4(88)	*24'	16' 6"	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1987	3.75"	SP5	2013

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	7		100.0		100.0	8	2023	2027		
Descending	6	7		100.0		100.0	7	2025	2029		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	CONC REPAIR	215.600-222.030	61202	EACIM-80-4(122)
2012	RESURF S-SHLD	215.600-230.550	61426	IM-80-4(138)
2016	Crack Seal	205.610-230.550	61521	RD-80-4(1035)
2022	Mill, Resurf, Br Repair	212.700-222.030	61661	NH-80-4(153)
2025	Resurf, Br	221.500-230.550	61670	NH-80-4(155)



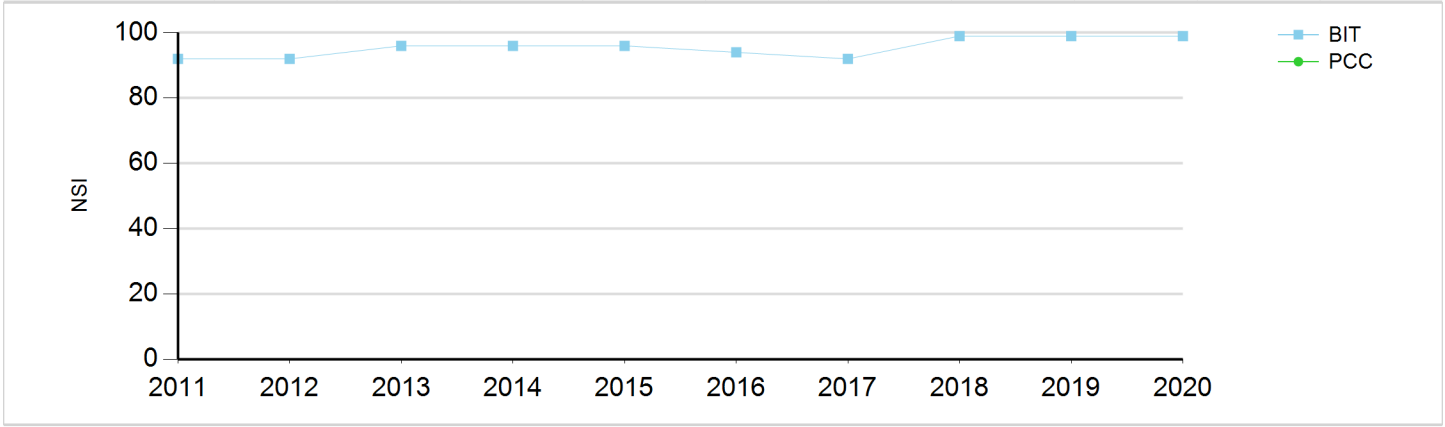
Comments:

Gothenburg - Cozad replacement will be close but pushing it. Need thin lift?
Crack seal programmed for 2021, Thin lift in 2022. Canx one in the future. Looked at in 2018. Left both in for now.
2019 ITF - Finalize crack seal vs. overlay.
Review shoulder condition for potential 1" SLX M/F in one direction to handle future Head to Head traffic during Rebuild. DE concerned w/age & condition of rumble strips. See Barret/Thayer discussion.
2020 ITF - Shoulder currently in good condition. CL opening up and starting to require mastic.
2021 ITF- Maintenance doing crack seal. 2021 ITF- 1" Mill/Fill SLX scheduled 2022 (CN 61661). Push back to 2028 to a white topping 212-222

Pavement Condition History Data

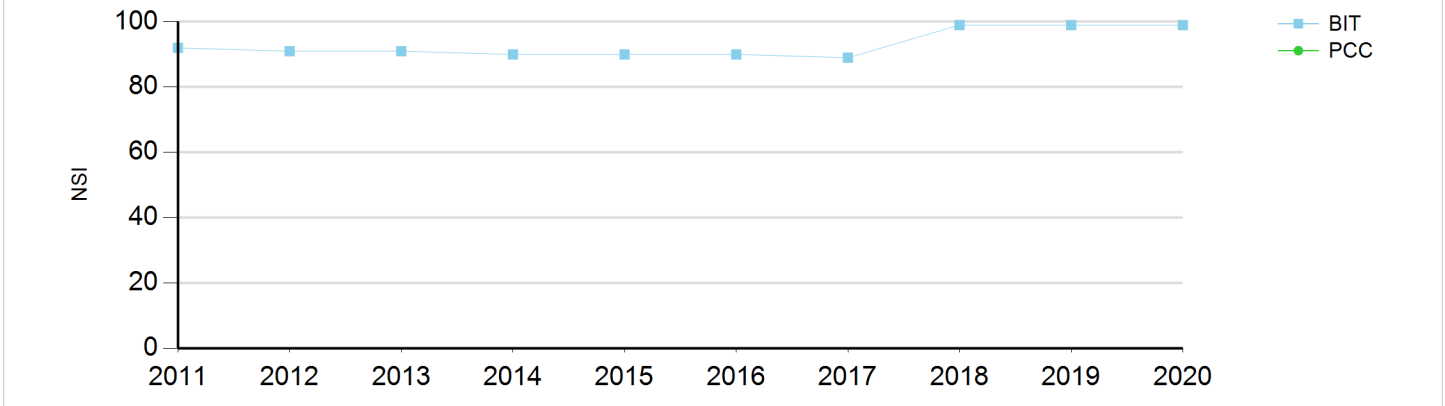
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	189.94	198.39	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	92	92	96	96	96	94	92	99	99	99
NSI PCC										
IRI	0.85	0.91	0.92	0.96	1.01	1.16	1.27	0.55	0.59	0.58
PSI	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.4	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	100	100	100	100	100	100	100	0	0	10
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.4	2.9	1.7	1.5	1.9	3.1	2.2	1.8	2.0	2.0
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	189.94	198.39	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	92	91	91	90	90	90	89	99	99	99
NSI PCC										
IRI	0.92	0.97	0.99	1.07	1.19	1.39	1.45	0.54	0.67	0.68
PSI	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.4	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	100	100	100	100	100	100	100	0	0	0
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.7	2.8	3.9	2.7	2.0	2.4	2.1	1.6	1.6	1.6
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	189.94 - 198.39	8.45	6	MAXWELL-BRADY	16988	7024

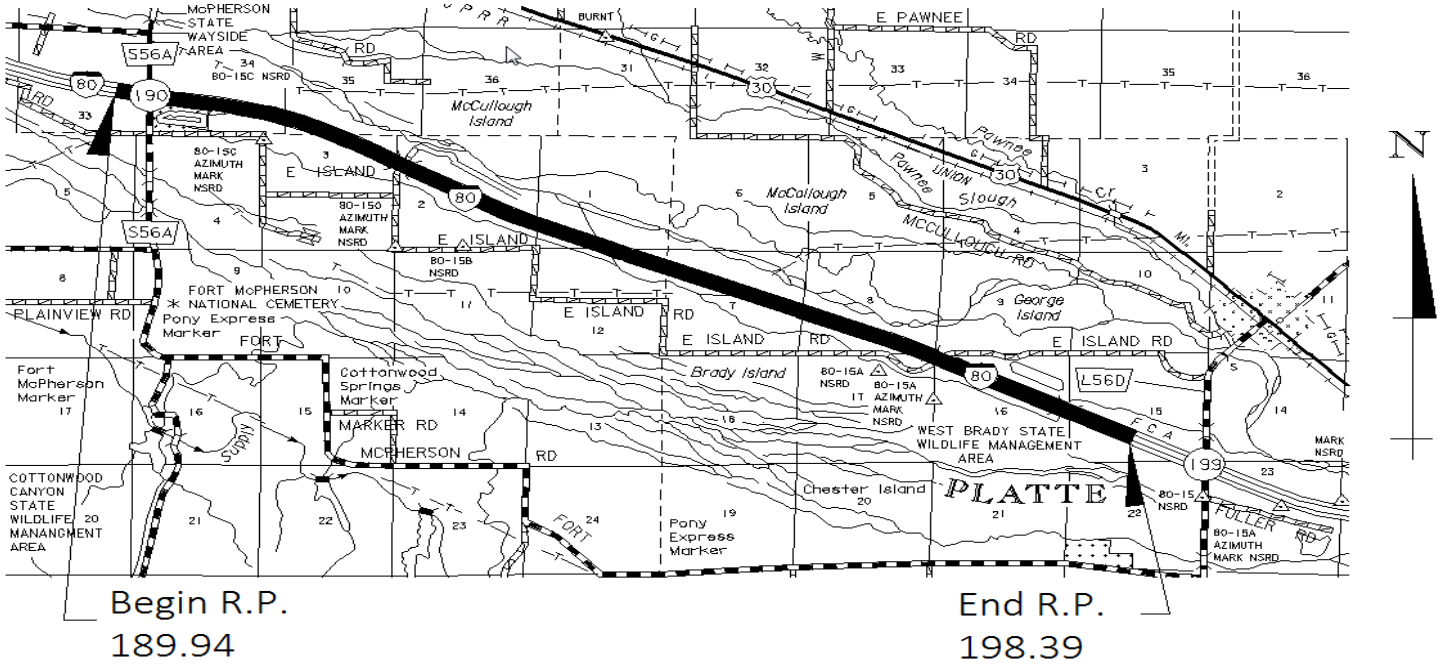
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
STP-80-4(84)	*24'	16' 6"	Tie Bars	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1991	4"	SPH	2018

*Mainline 24' Wide, Concrete 4' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	2		100.0		100.0	9	2031	2035		
Descending	6	2		100.0		100.0	9	2031	2035		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1992	CONC PVMNT	189.980-198.400	60701	STP-80-4(86)
1993	CONC PVMNT	185.740-189.980	60700	IM-80-4(85)
2005	MILL RESURF S SHLD	189.980-198.400	61357	EACIM-80-4(132)
2008	CRACK SEAL	189.980-198.400	61396	RD-80-4(1026)
2016	Mill, Resurf, B(FY16 Carryover)	185.700-198.430	61429	NH-80-4(139)
2022	Crack Seal	185.740-198.400	61637	NH-80-4(149)



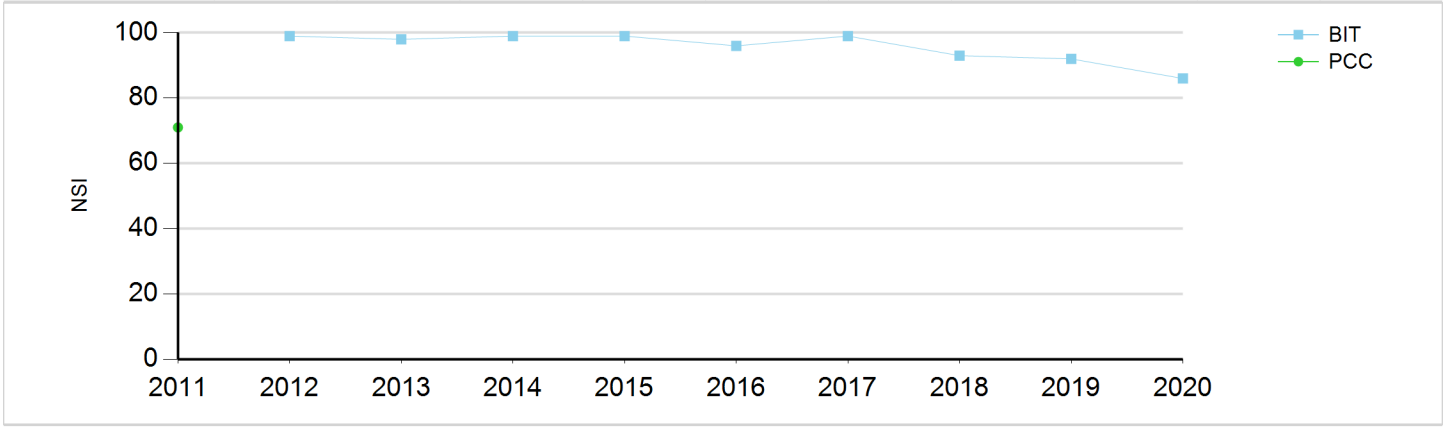
Comments:

Resurfacing same year as adjacent Hwy 30, N Platte - Maxwell, CN 61562. D6 ok with it.
2017 ITF - PCC rpr will be done 2017, overlay likely not until 2018. Check w/Mike O about canceling widening. Work about to begin. Replacement in 10 yrs.
Jan 2019 - D6 confirmed HMA work completed Aug 2018. Crack Seal scheduled for 2020. Consider moving back 1 year.
2019 ITF - Comments in this segment and many others do not show in book.
2021 ITF- Upcoming crack seal in 2022 (Let July 2021). Looks good. Ask if it can be bumped a year. Program white topping in 2027-28

Pavement Condition History Data

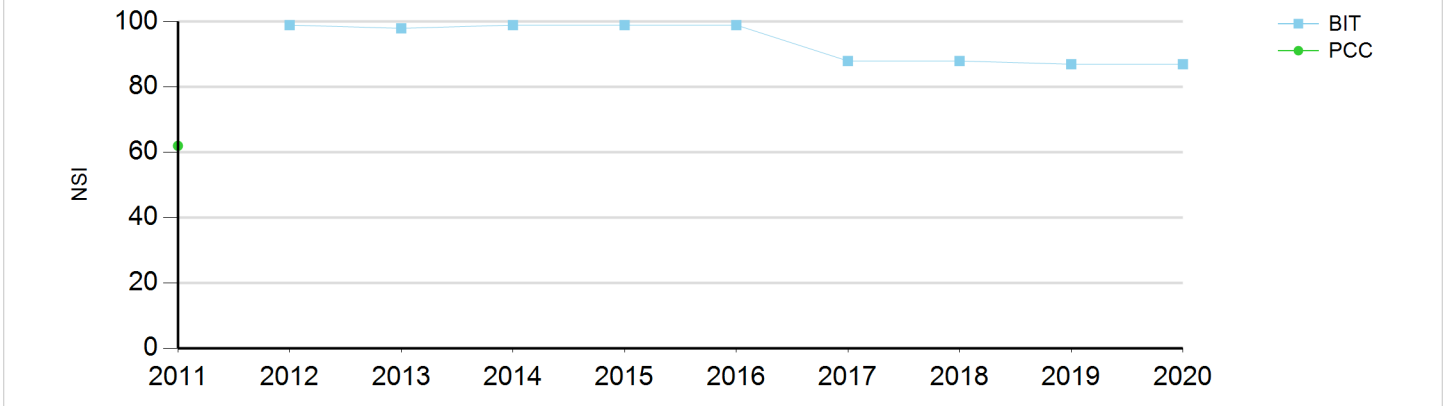
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	198.39	205.61	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit		99	98	99	99	96	99	93	92	86
NSI PCC	71									
IRI	1.42	0.69	0.72	0.70	0.74	0.76	0.78	0.86	0.91	0.80
PSI		4.4	4.4	4.4	4.4	4.3	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	10									
#TC BIT		0	0	10	21	100	21	100	100	100
%Bad Jnts PCC	6									
Faulting	0.73									
Rut Depth -DL		2.0	3.3	1.2	1.6	2.1	1.8	1.9	1.6	1.8
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	198.39	205.61	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit		99	98	99	99	99	88	88	87	87
NSI PCC	62									
IRI	1.50	0.59	0.60	0.62	0.62	0.66	0.69	0.76	0.76	0.71
PSI		4.4	4.4	4.4	4.4	4.4	4.1	4.1	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC	26									
#TC BIT		0	0	0	21	21	100	92	100	100
%Bad Jnts PCC	3									
Faulting	0.58									
Rut Depth -DL		2.2	2.8	2.0	1.5	1.6	1.9	1.9	1.9	2.1
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	198.39 - 205.61	7.22	6	BRADY EAST	16896	7020

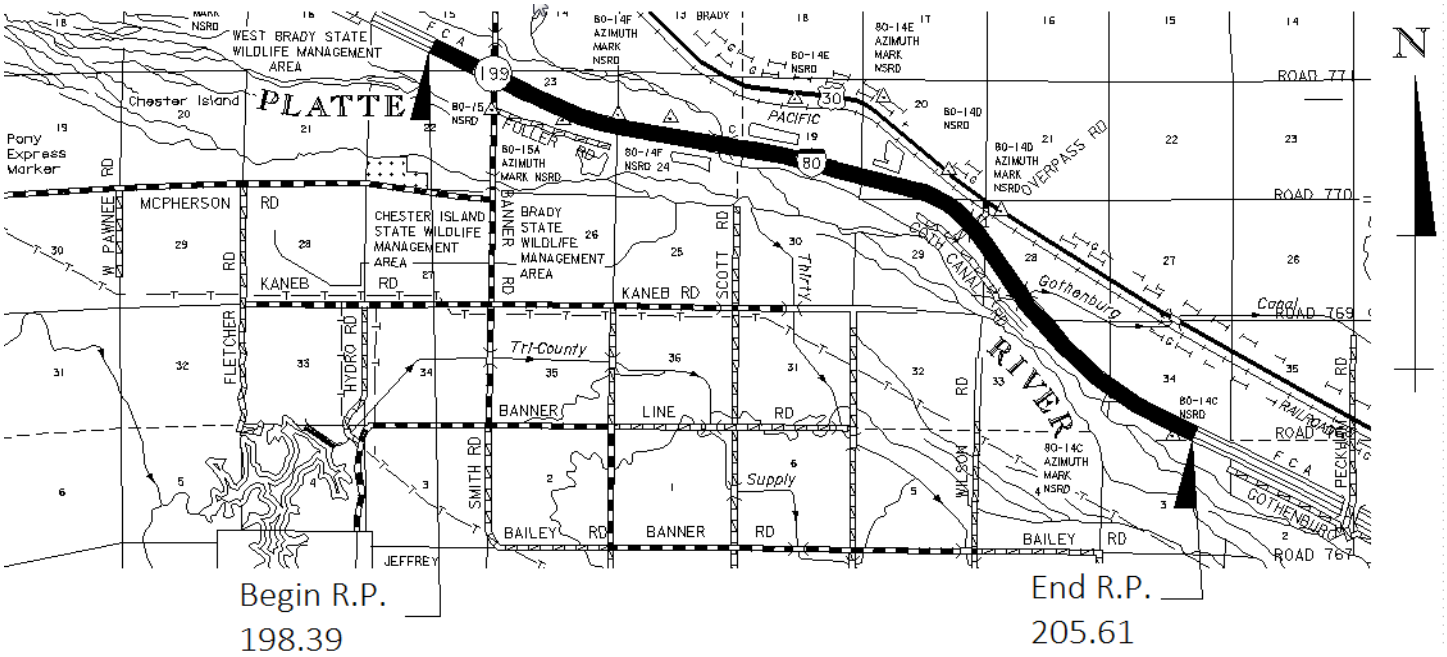
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-4(82)	*24'	16' 6"	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1986	4"	SP5 over LC	2013

*Mainline 24' Wide, Concrete 3' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	7		96.0	3.0	100.0	7	2025	2029		
Descending	6	7		96.0	3.0	100.0	9	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2003	DOWEL BAR RETROFIT, GRINDING	198.400-205.610	61236	RD-80-4(1012)
2011	RESURF	198.400-205.610	61424	IM-80-4(136)
2016	Crack Seal	198.400-205.610	61519	RD-80-4(1033)
2021	Crack Seal	198.400-205.610	61641	NH-80-4(151)



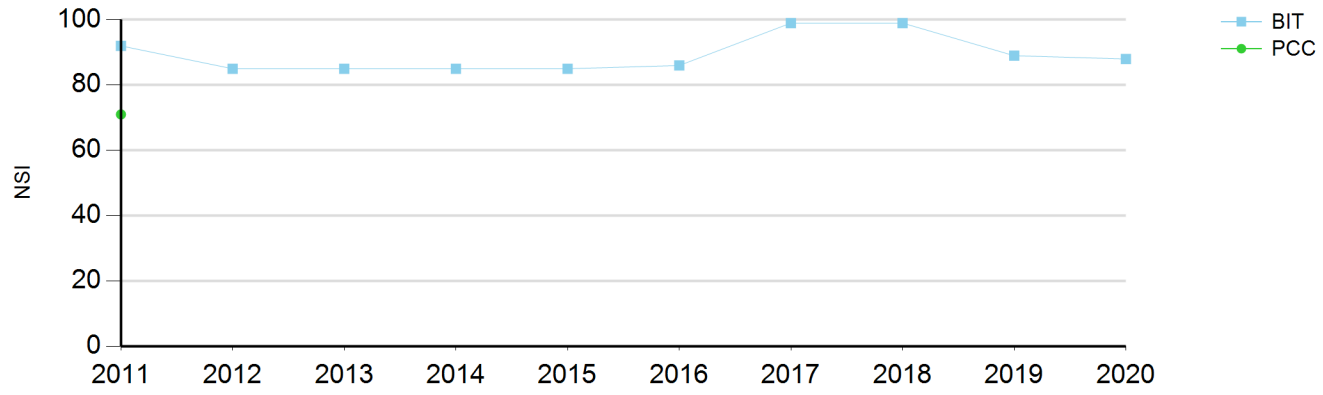
Comments:

2015 ITF - Brady Rest area getting bad per Klasna. Has been patching due to ASR issues.
2017 ITF - Program 1-2" resurfacing for appr. 2024 to get to rebuild. ML/IShld only.
2019 - DE concerned w/impact of no shld resurfacing (2024) on following reconstruction (2029) during Head to Head traffic. BV/BB/SN discussed. PD Will scope 2"M/F of ML both directions and 2"M/F of Shld one direction. PD will coordinate w/Roadway to determine if either direction is better for Head to Head traffic.
2020 ITF - Program Mainline M/F both directions and shld M/F one direction appr. 23/24 to extend to rebuild.
2021 ITF- Make sure Mill/Fill program for 2024

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	205.61	212.74	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	92	85	85	85	85	86	99	99	89	88
NSI PCC	71									
IRI	0.94	1.00	1.03	1.10	1.15	0.72	0.73	0.74	0.78	0.78
PSI	4.3	4.3	4.2	4.2	4.2	4.3	4.4	4.4	4.2	4.1
Crkng Index BIT										
Slab Distrs PCC	0									
#TC BIT	100	100	99	99	99	78	0	4	87	100
%Bad Jnts PCC	0									
Faulting	0.09									
Rut Depth -DL	2.7	2.6	3.4	2.5	1.8	1.5	1.9	1.6	2.2	2.4
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	205.61 - 212.74	7.13	6	GOTHENBURG WEST (WB)	8460	3511

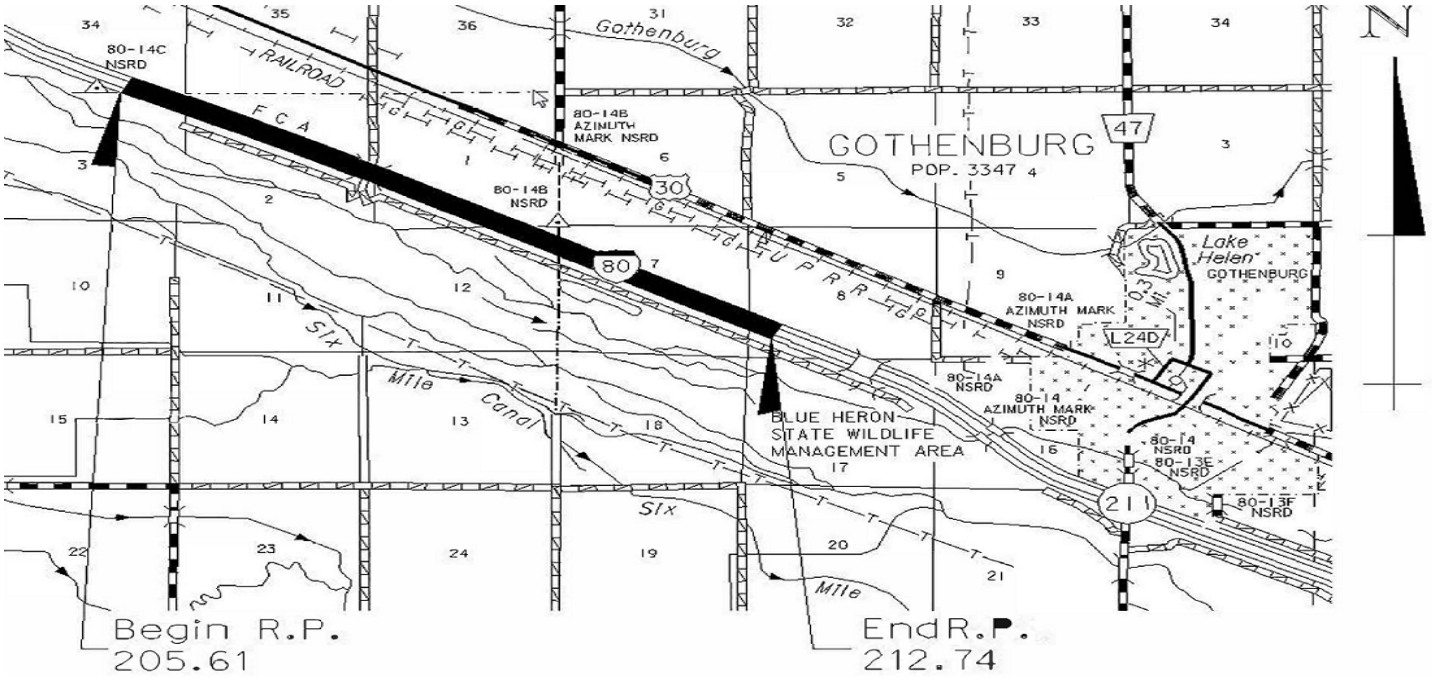
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-80-4(103)	*24'	16' 6"WB	Tie Bars(WB)	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1993	3"	SPH	2016

*Mainline 24' wide, Concrete 4' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	6			99.0		100.0	7	2027	2031		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1992	CONC PVMT	209.740-212.350	60702	NH-80-4(87)
1993	CONC PVMT	205.620-209.740	60702B	IM-80-4(103)
2004	DOWEL BAR RETROFIT, GRINDING	205.610-215.640	61243	RD-80-4(1017)
2008	CRACK SEAL	205.610-212.700	61421	RD-80-4(1029)
2012	RESURF S-SHLD BR REPAIR	205.620-215.590	61425	IM-80-4(137)
2016	Mill, Resurf, Br Repair	205.610-212.700	61430	RD-80-4(1030)
2016	Crack Seal	205.610-230.550	61521	RD-80-4(1035)
2019	Crack Seal	205.610-215.600	61638	NH-80-4(150)



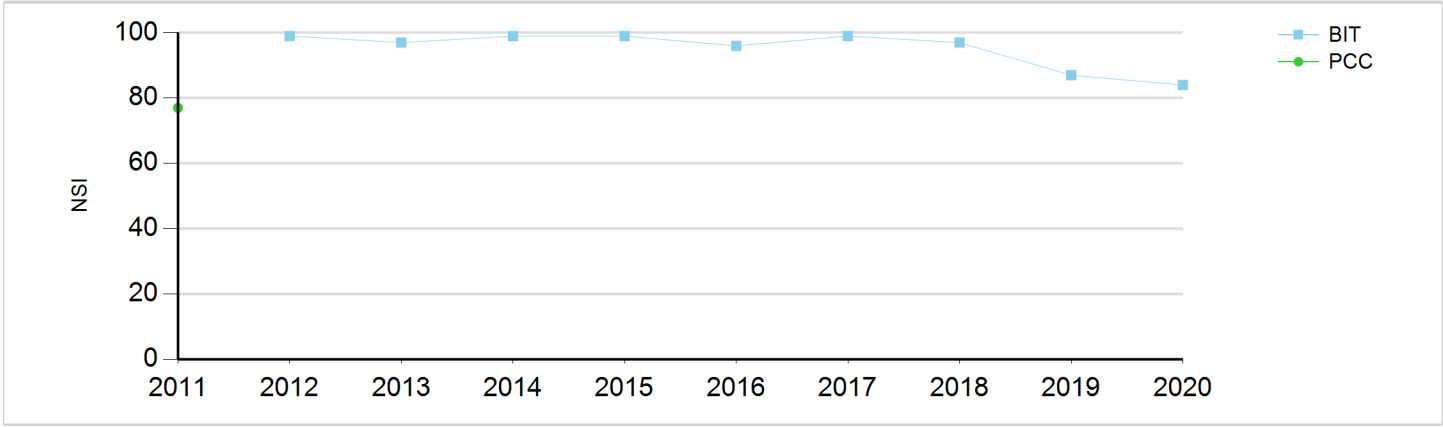
Comments:

Descending Only - Managed w/in larger RP 205.61-215.60
2021 ITF- Schedule a crack seal for 2023 for mastic CL. Change replacement to white topping in 2025.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	205.61	215.60	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit		99	97	99	99	96	99	97	87	84
NSI PCC	77									
IRI	0.98	0.61	0.65	0.65	0.67	0.70	0.74	0.84	0.93	0.86
PSI		4.4	4.3	4.4	4.4	4.3	4.4	4.3	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC	6									
#TC BIT		0	3	13	20	100	20	100	100	100
%Bad Jnts PCC	0									
Faulting	0.13									
Rut Depth -DL		2.2	4.0	1.6	1.9	1.6	2.2	2.1	1.9	2.2
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	205.61 - 215.60	9.99	6	BRADY-GOTHENBURG (EB)	8489	3513

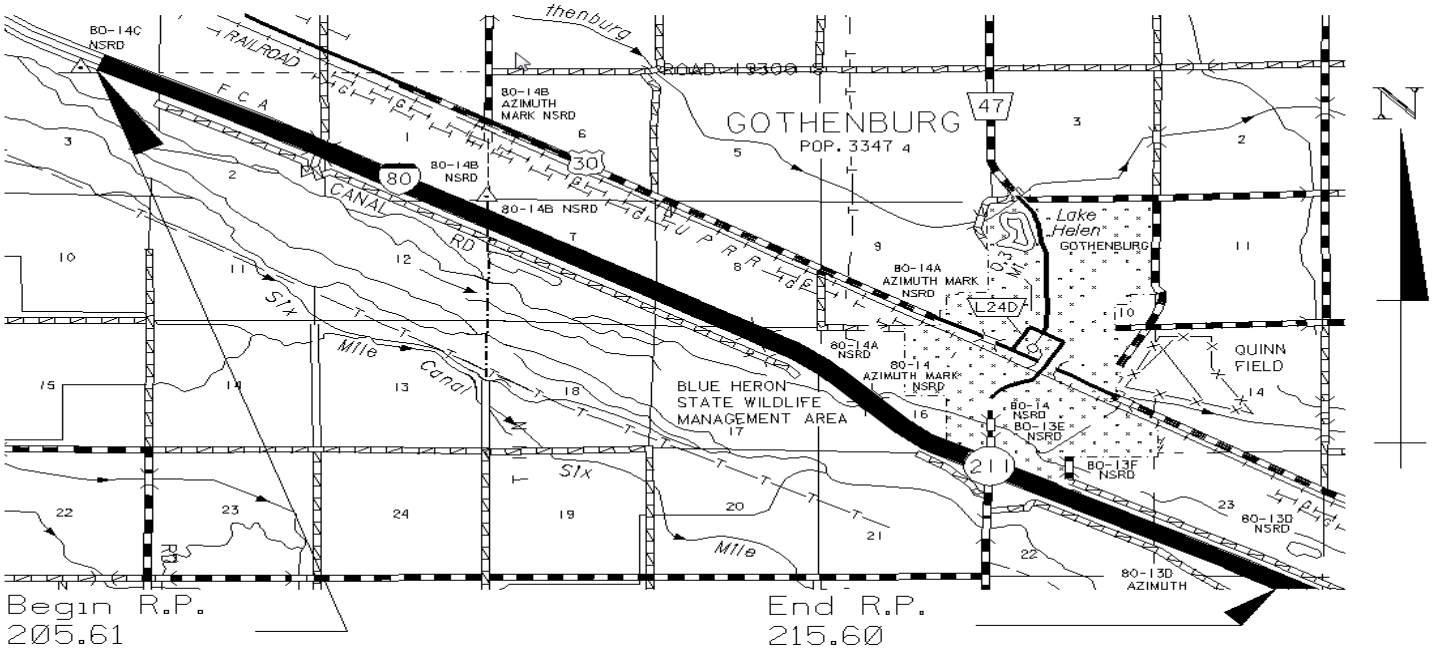
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-80-4(103)*	24'	16' 6"	Tie Bars, DBR	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1988, 1992,1993	3.5"	SP5	2013

*Section has 3 underlying PCC pavements:
[1993, IM-80-4(103), 205.62-209.74]
[1992, NH-80-4(87), 209.74-212.35]
[1988, IR-80-4(88), 212.35-215.60]

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	7		99.0		100.0	8	2025	2029		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1992	CONC PVMT	209.740-212.350	60702	NH-80-4(87)
1993	CONC PVMT	205.620-209.740	60702B	IM-80-4(103)
2004	DOWEL BAR RETROFIT, GRINDING	205.610-215.640	61243	RD-80-4(1017)
2008	CRACK SEAL	205.610-212.700	61421	RD-80-4(1029)
2012	RESURF S-SHLD BR REPAIR	205.620-215.590	61425	IM-80-4(137)
2016	Crack Seal	205.610-230.550	61521	RD-80-4(1035)
2016	Mill, Resurf, Br Repair	205.610-212.700	61430	RD-80-4(1030)
2019	Crack Seal	205.610-215.600	61638	NH-80-4(150)
2022	Mill, Resurf, Br Repair	212.700-222.030	61661	NH-80-4(153)



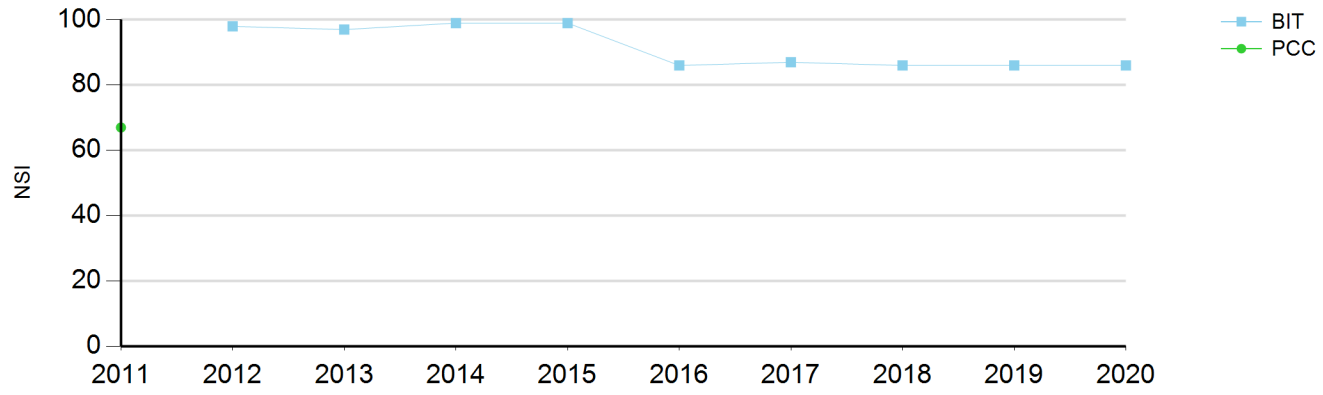
Comments:

2013 ITF - RP 209 - 212 under warranty for binder not passing sieve analysis per Thayer.
2021 ITF- Schedule a crack seal for 2023 for mastic CL and need to program a M/F (2027?) based on when replacement is planned.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	212.74	215.60	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit		98	97	99	99	86	87	86	86	86
NSI PCC	67									
IRI	1.01	0.55	0.57	0.55	0.56	0.61	0.64	0.70	0.73	0.72
PSI		4.4	4.4	4.4	4.4	4.1	4.3	4.1	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC	10									
#TC BIT		0	0	0	21	100	100	100	100	100
%Bad Jnts PCC	3									
Faulting	0.08									
Rut Depth -DL		3.0	4.0	2.5	2.2	1.3	2.0	0.1	2.6	2.6
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	212.74 - 215.60	2.86	6	GOTHENBURG EAST (WB)	8562	3520

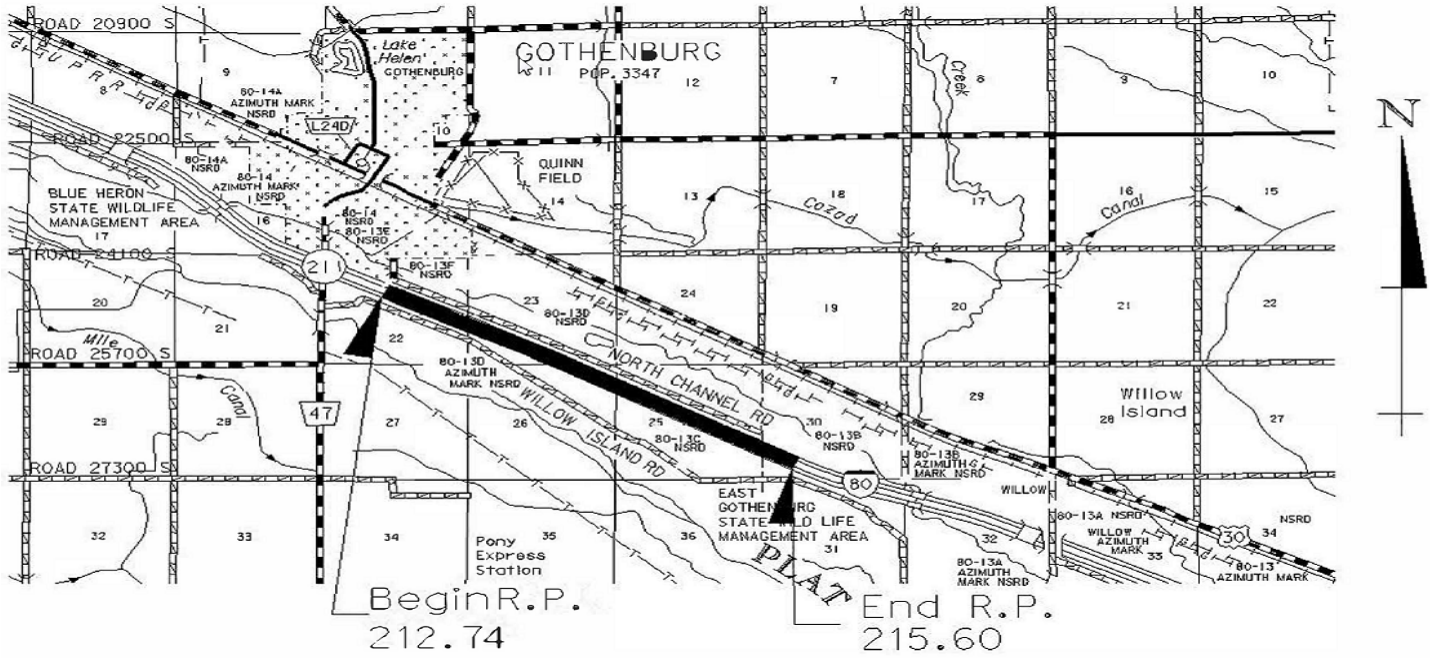
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-4(88)	24'	16'6"	Tie bars	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1988	3.5"	SP5	2013

*Mainline 24' wide, Concrete 4' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	6			100.0		100.0	7	2025	2029		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2004	DOWEL BAR RETROFIT, GRINDING	205.610-215.640	61243	RD-80-4(1017)
2012	RESURF S-SHLD BR REPAIR	205.620-215.590	61425	IM-80-4(137)
2016	Crack Seal	205.610-230.550	61521	RD-80-4(1035)
2019	Crack Seal	205.610-215.600	61638	NH-80-4(150)
2022	Mill, Resurf, Br Repair	212.700-222.030	61661	NH-80-4(153)



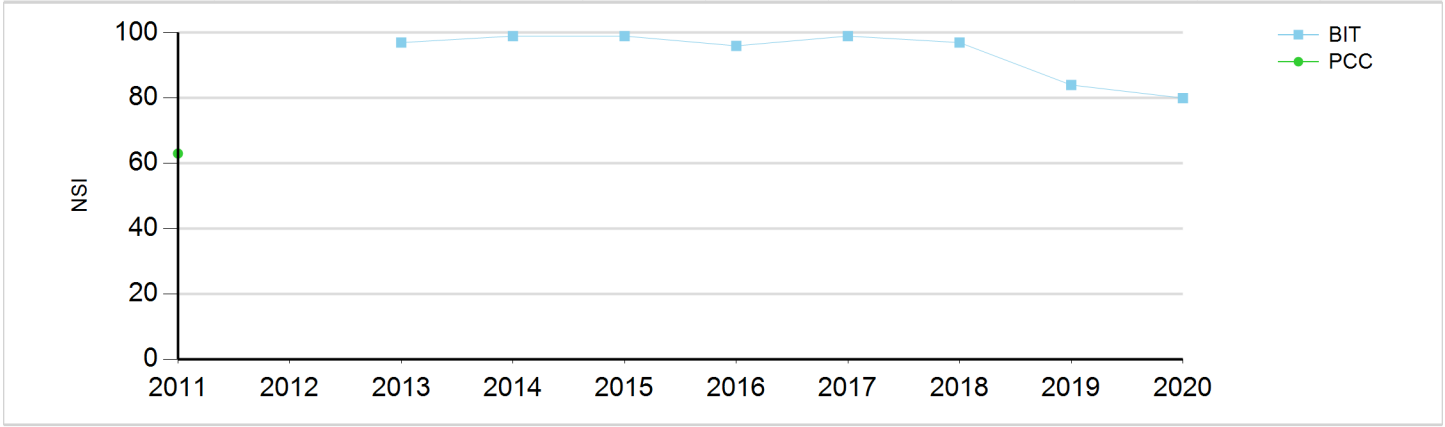
Comments:

Descending Only - Managed w/in larger RP 205.61-215.60
2013 ITF RP 209-212 under warranty for binder not passing sieve analysis per Thayer
2021 ITF- Mill/Fill scheduled 2022 (CN 61661). Change rebuild to White Topping in 2028 (RP 212 to 222)

Pavement Condition History Data

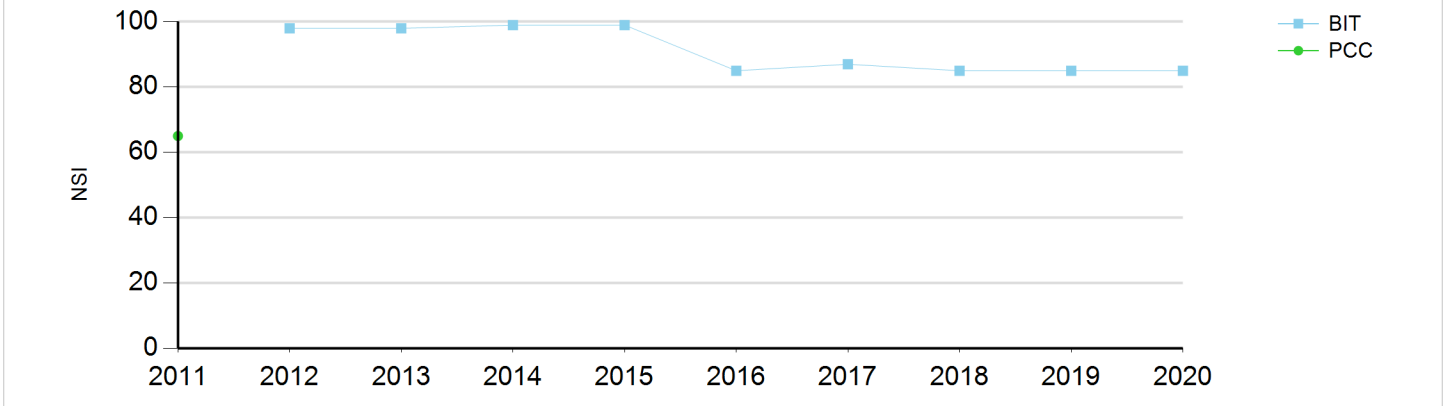
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	215.60	222.03	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit			97	99	99	96	99	97	84	80
NSI PCC	63									
IRI	1.15	0.59	0.61	0.61	0.64	0.72	0.78	0.93	1.07	1.07
PSI			4.3	4.4	4.4	4.3	4.4	4.3	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC	11									
#TC BIT			0	10	21	100	21	100	100	100
%Bad Jnts PCC	8									
Faulting	0.66									
Rut Depth -DL			4.9	2.2	2.4	2.0	2.5	2.7	2.4	2.7
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	215.60	222.03	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit		98	98	99	99	85	87	85	85	85
NSI PCC	65									
IRI	1.10	0.61	0.64	0.63	0.64	0.70	0.75	0.88	0.94	0.96
PSI		4.4	4.4	4.4	4.4	4.1	4.3	4.1	4.1	4.0
Crkng Index BIT										
Slab Distrs PCC	7									
#TC BIT		0	0	0	21	100	100	100	100	100
%Bad Jnts PCC	4									
Faulting	0.87									
Rut Depth -DL		2.7	3.3	2.6	1.9	1.5	2.0	2.2	2.1	2.4
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	215.60 - 222.03	6.43	6	COZAD WEST	17124	7040

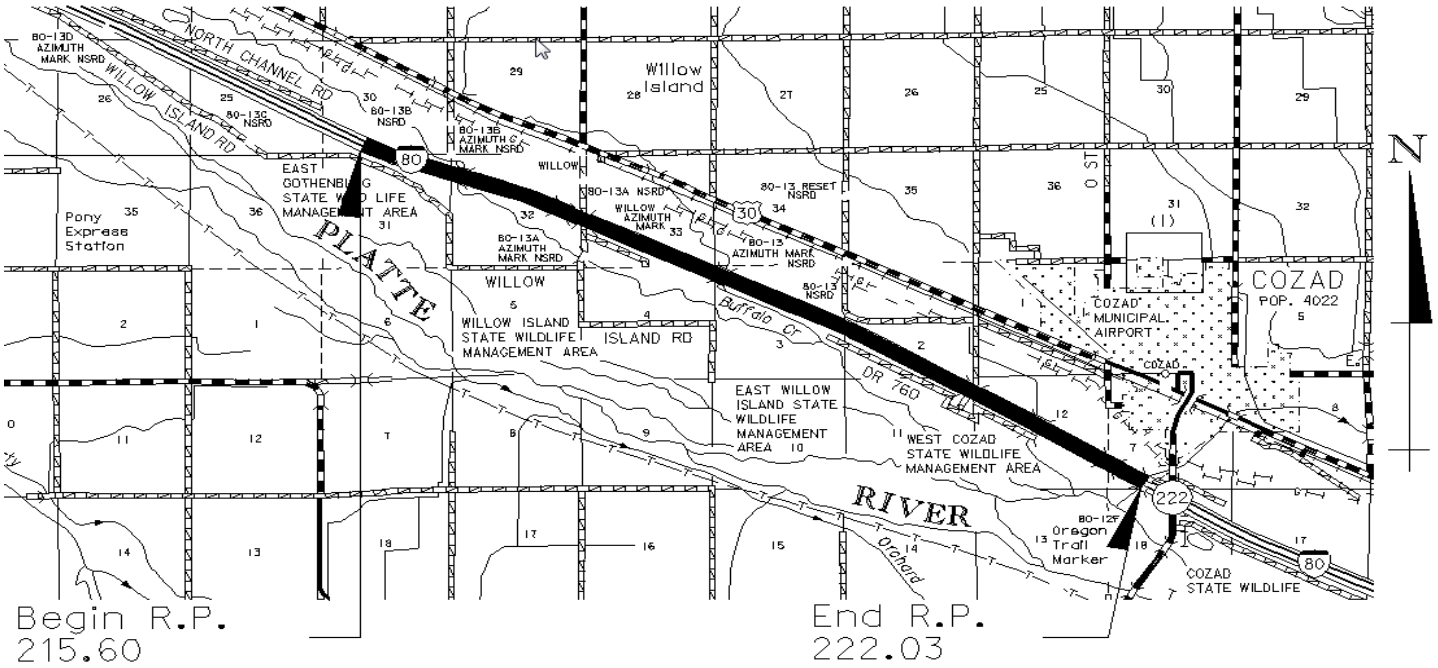
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-4(88)	*24'	16' 6"	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1987	3.75"	SP5	2013

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	7		100.0		100.0	8	2023	2027		
Descending	6	7		100.0		100.0	7	2025	2029		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	CONC REPAIR	215.600-222.030	61202	EACIM-80-4(122)
2012	RESURF S-SHLD	215.600-230.550	61426	IM-80-4(138)
2016	Crack Seal	205.610-230.550	61521	RD-80-4(1035)
2022	Mill, Resurf, Br Repair	212.700-222.030	61661	NH-80-4(153)
2025	Resurf, Br	221.500-230.550	61670	NH-80-4(155)



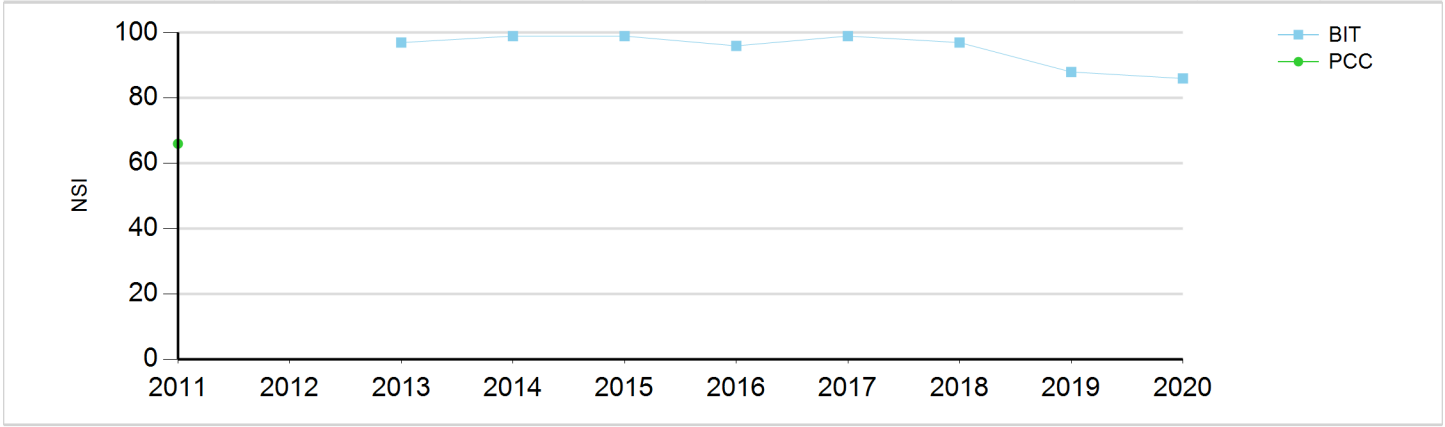
Comments:

Gothenburg - Cozad replacement will be close but pushing it. Need thin lift?
Crack seal programmed for 2021, Thin lift in 2022. Canx one in the future. Looked at in 2018. Left both in for now.
2019 ITF - Finalize crack seal vs. overlay.
Review shoulder condition for potential 1" SLX M/F in one direction to handle future Head to Head traffic during Rebuild. DE concerned w/age & condition of rumble strips. See Barret/Thayer discussion.
2020 ITF - Shoulder currently in good condition. CL opening up and starting to require mastic.
2021 ITF- Maintenance doing crack seal. 2021 ITF- 1" Mill/Fill SLX scheduled 2022 (CN 61661). Push back to 2028 to a white topping 212-222

Pavement Condition History Data

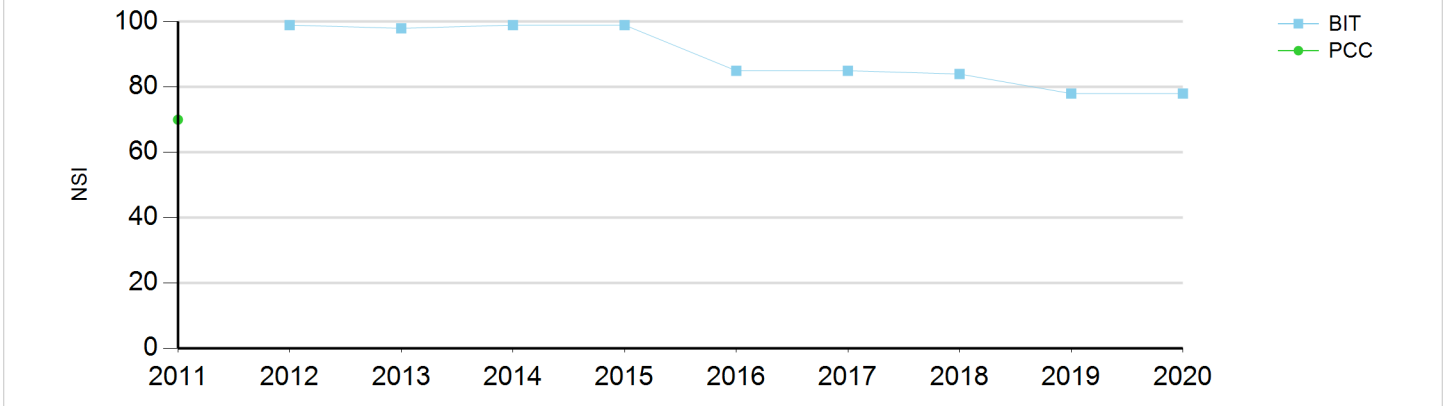
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	222.03	230.55	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit			97	99	99	96	99	97	88	86
NSI PCC	66									
IRI	1.24	0.72	0.60	0.60	0.63	0.72	0.78	0.89	1.03	1.00
PSI			4.3	4.4	4.4	4.3	4.4	4.3	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC	12									
#TC BIT			0	10	21	100	21	100	88	88
%Bad Jnts PCC	6									
Faulting	0.50									
Rut Depth -DL			4.1	2.0	2.2	1.6	2.1	2.5	2.1	2.2
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	222.03	230.55	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit		99	98	99	99	85	85	84	78	78
NSI PCC	70									
IRI	1.21	0.61	0.67	0.65	0.68	0.75	0.79	0.95	1.08	1.17
PSI		4.4	4.4	4.4	4.4	4.1	4.3	4.1	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC	4									
#TC BIT		0	2	0	21	67	100	100	100	100
%Bad Jnts PCC	2									
Faulting	0.26									
Rut Depth -DL		2.4	2.8	2.1	1.7	2.6	1.8	2.1	1.9	2.2
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	222.03 - 230.55	8.52	6	COZAD-DARR	17356	7058

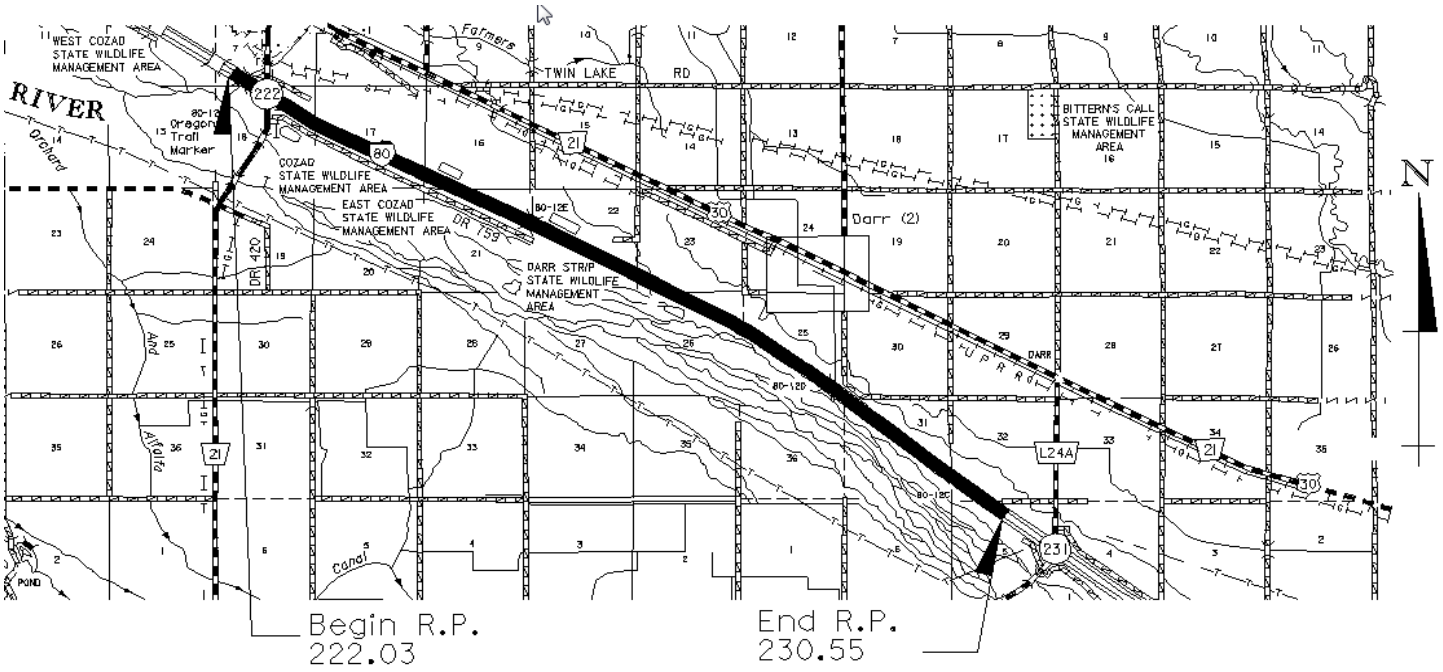
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-4(90)	24'	16'6"	**	4" Stabilized Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1989	3.75"	SP5	2013

**Doweled Concrete Joints EB

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	7		100.0		100.0	8	2025	2029		
Descending	6	7		100.0		100.0	7	2023	2027		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2003	DOWEL BAR RETROFIT, GRINDING	222.030-230.550	61240	RD-80-4(1015)
2012	RESURF S-SHLD	215.600-230.550	61426	IM-80-4(138)
2016	Crack Seal	205.610-230.550	61521	RD-80-4(1035)
2022	Crack Seal	222.030-230.550	61642	NH-80-4(152)
2025	Resurf, Br	221.500-230.550	61670	NH-80-4(155)



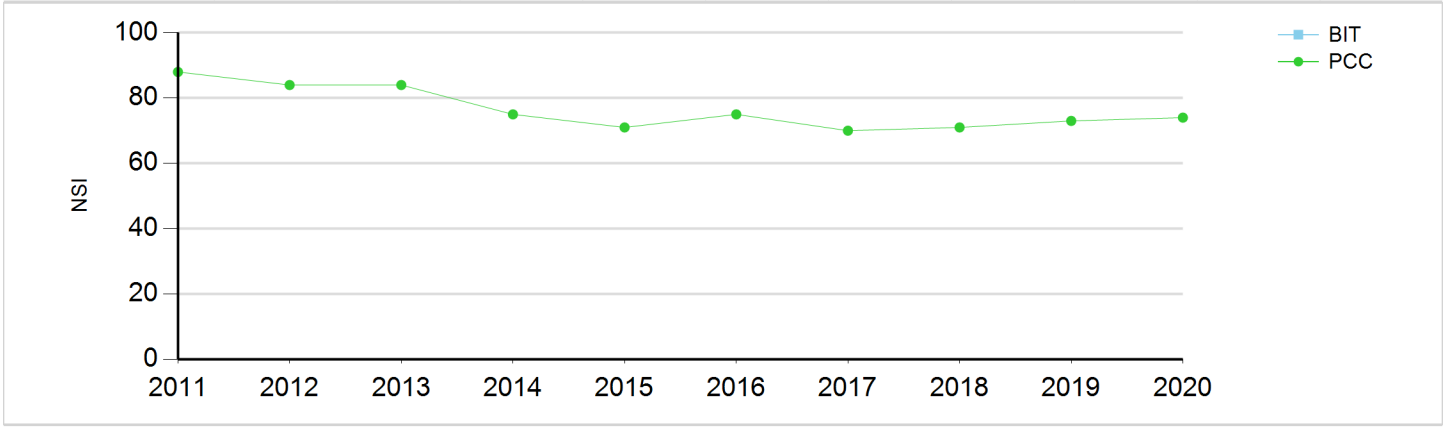
Comments:

Good til replacement in 2024.
2018 ITF - Program replacement.
2020 ITF - Confirm CN 61670 Resurfacing is a new concrete overlay strategy. There will not be a reconstruction.
2021 ITF- A lot of sealant and mastic @ CL joints. White topping (61670). Look at fabric bondbreaker on repairs where concrete is exposed. Need to daylight all the way to edge.
Mick- Talk to Gary T. to evaluate Rest Area Picnic overhead slabs. D-4 took theirs down due to concrete condition and safety (R.P. 227)

Pavement Condition History Data

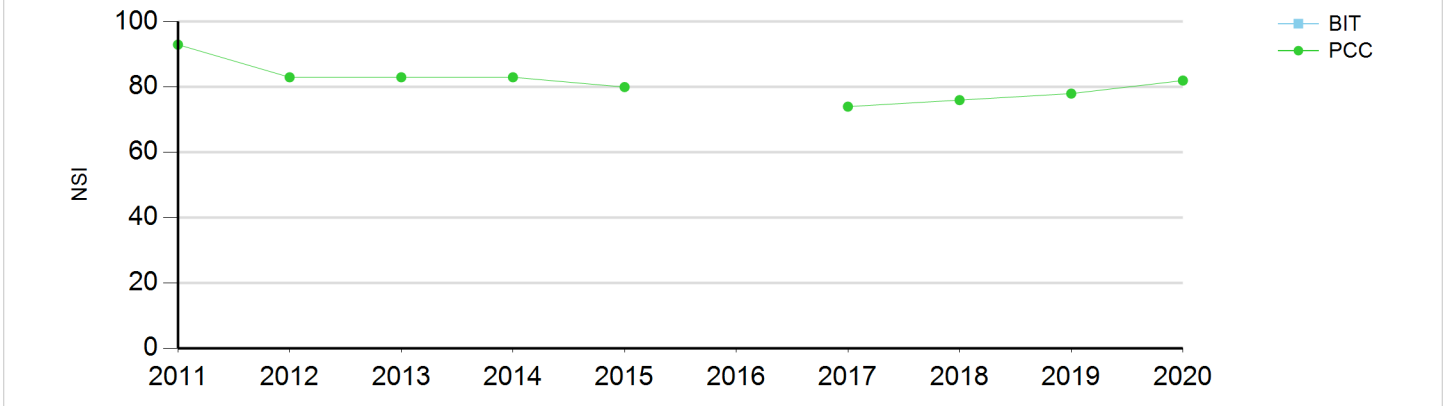
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	230.55	237.61	6	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	23	24	25	26	27	28	29	30	31	32
NSI Bit										
NSI PCC	88	84	84	75	71	75	70	71	73	74
IRI	1.16	1.40	1.43	1.63	1.79	0.86	1.18	1.28	1.46	1.62
PSI	4.4	4.2	4.2	4.0	3.8	4.5	4.3	4.3	4.2	3.9
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	0	0	0	6
#TC BIT										
%Bad Jnts PCC	0	2	2	10	10	10	10	0	0	7
Faulting	0.27	0.77	0.60		3.24	0.30	1.39	1.30		2.64
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	230.55	237.61	6	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	23	24	25	26	27	28	29	30	31	32
NSI Bit										
NSI PCC	93	83	83	83	80		74	76	78	82
IRI	1.23	1.31	1.38	1.68	1.93	0.77	1.33	1.35	1.48	1.64
PSI	4.4	4.3	4.2	4.0	3.7		4.2	4.3	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC	2	5	3	3	3		3	1	0	0
#TC BIT										
%Bad Jnts PCC	0	2	2	2	2		2	0	2	0
Faulting	0.39	0.58	0.72	0.10	2.75		1.20	1.52	2.11	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	230.55 - 237.61	7.06	6	DARR-LEXINGTON	17464	7092

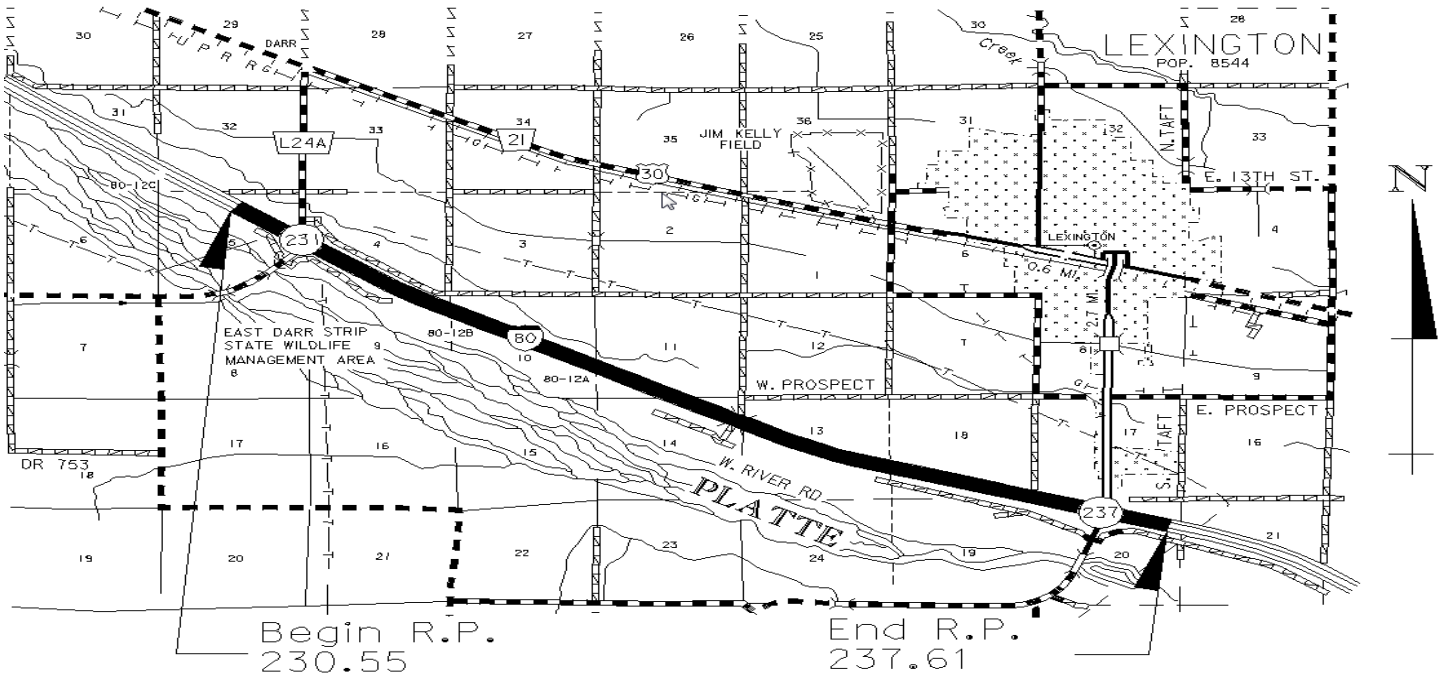
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-4(76)	*24'	16' 6"	Tie bars	6" Stabilized Fill

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1988			

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	32			99.0	100.0	8	2024	2028	2027	2033
Descending	8	32			99.0	100.0	7	2023	2027	2031	2037

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	JOINT SEAL	230.550-237.610	61237	RD-80-4(1013)
2008	DIAMOND GRIND CONC & JT REPAIR	230.550-248.110	61411A	IM-80-3(142)
2016	Conc Repair, Grinding	230.550-237.610	61530	RD-80-4(1036)
2023	Mill, Resurf	230.550-237.610	61522	NH-80-4(141)



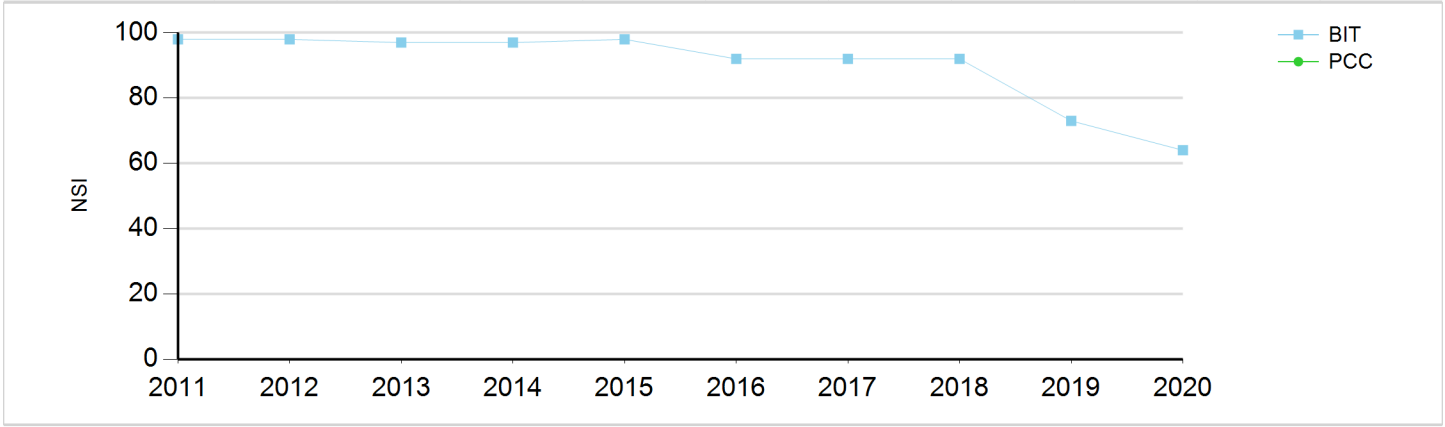
Comments:

2014 ITF - Mainline rough and ASR in shoulders. Considered DBR but ruled out due to ASR susceptibility.
Mar 2016 - Removed shelf from CN 61522 and moved from 2019 to 2023.
2019 ITF - Discussed sunken PCC Rprs on this and other projects. D6 will try to improve ride w/mastic on a few patches.
9/3/19 - Varilek advised Nguyen to keep initial overlay in 2023 despite 2028 rebuild. PCC will be 35 yrs old and faulting will return from 2016 grind. Rebuild may need to be delayed to help pay for $25M/yr MTIS costs if pavement continues to perform.
2020 ITF - Good pavement to preserve vs. rebuild given funding environment.
2021 ITF- Rough but in decent shape. Bump out with phasing.

Pavement Condition History Data

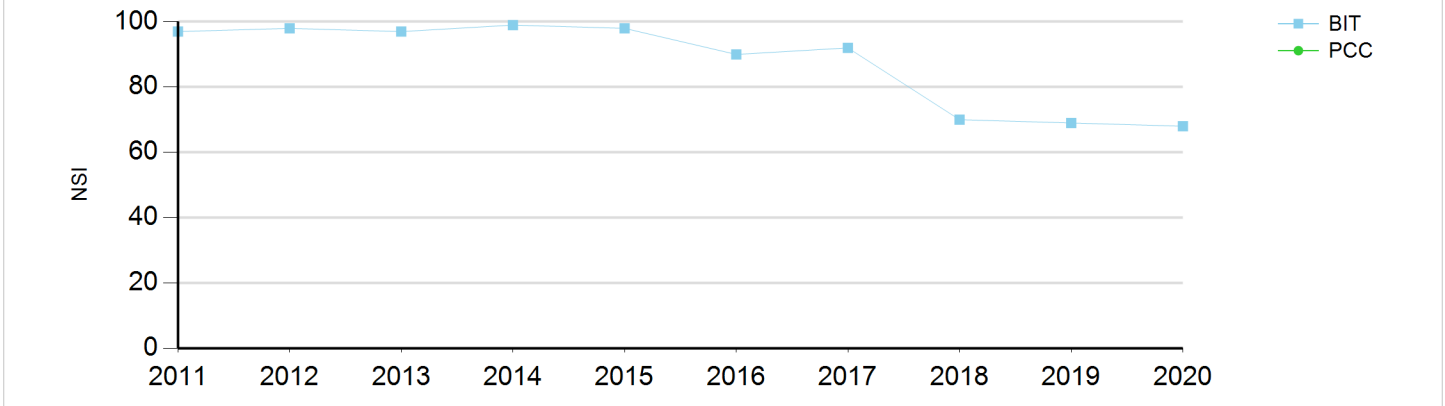
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	237.61	248.11	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	98	98	97	97	98	92	92	92	73	64
NSI PCC										
IRI	0.88	0.87	0.90	0.93	0.95	1.00	1.08	1.09	1.24	1.20
PSI	4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.2	4.0	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	17	71	70	70	71	85	71	91	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.4	3.1	4.0	2.1	2.1	3.1	2.5	2.7	2.3	2.7
% Over 13mm			0.1							
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	237.61	248.11	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	97	98	97	99	98	90	92	70	69	68
NSI PCC										
IRI	0.74	0.81	0.83	0.85	0.90	0.98	1.08	1.11	1.21	1.29
PSI	4.3	4.3	4.3	4.3	4.3	4.1	4.2	4.0	4.0	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	18	34	34	34	70	70	94	94	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.7	3.1	3.7	2.0	2.1	3.1	2.2	2.8	2.6	3.1
% Over 13mm	0.1		0.1							
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	237.61 - 248.11	10.50	6	LEXINGTON-OVERTON	18310	7180

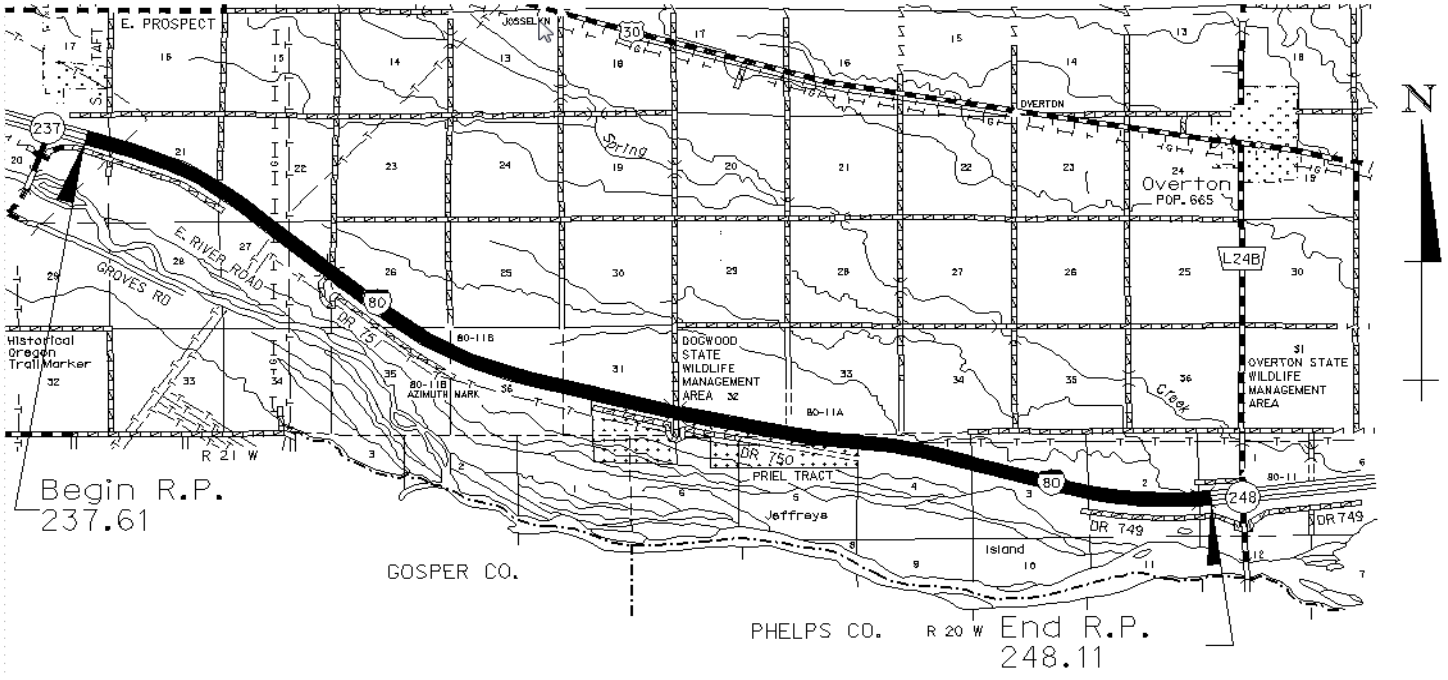
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-5(69) WB, (46) EB	*24'	16' 6"	Tie bars	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1988 WB, 1989 EB	4"	SP5	2010

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	10		100.0		100.0	7	PSTO	2022		
Descending	6	10		100.0		100.0	7	PSTO	2023		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	JOINT SEAL	237.610-248.110	61238	RD-80-5(1011)
2008	DIAMOND GRIND CONC & JT REPAIR	230.550-248.110	61411A	IM-80-3(142)
2010	RESURF S-SHLD	237.610-248.100	61439	IM-80-5(69)
2012	Crack Seal	237.610-248.110	61531	IM-80-5(74)
2018	Crack Seal	237.610-248.110	61574	NH-80-4(148)
2022	Crossovers	238.270-238.270	61587A	NH-80-5(78)
2022	Conc Pvmt	238.270-247.870	61587	NH-80-5(75)



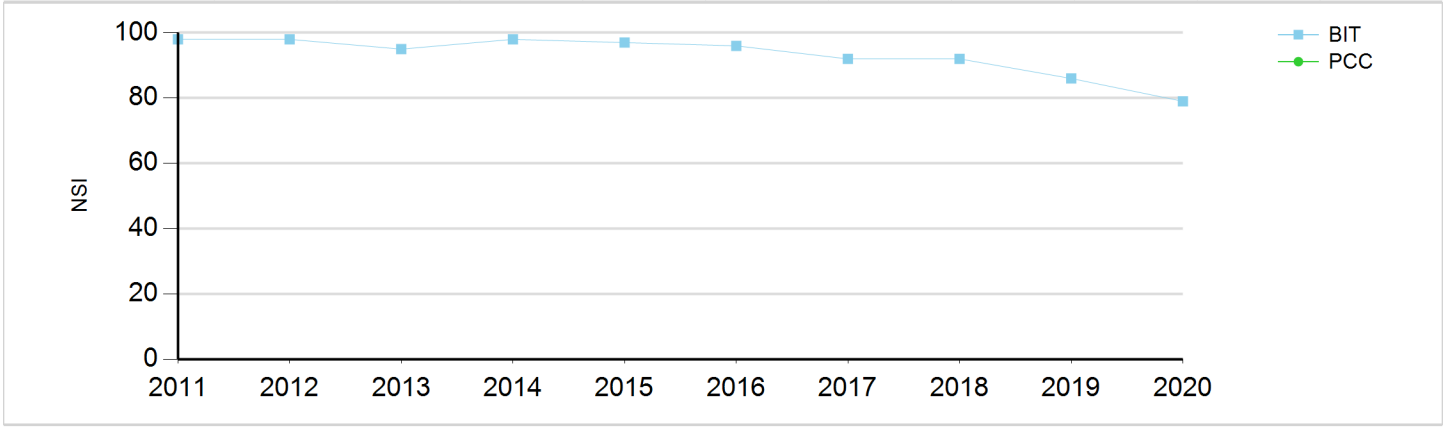
Comments:

Removed shelf from CN 61587. Moved from 2016 to 2021.
Keep CN 61574 Crack Seal?
2017 ITF - D6 applied mastic to DL/Shld joint to stop raveling. Pull quantities out of 2018 crack seal. Later discussion decided it was minimal.
2019 ITF - D6 has seen significant sealant loss in longitudinal joints on multiple segments. Do we need to go back to two different sealants for Transverse/Long cracks. Using mastic to fill in significant spalls.
2020 ITF - Decent condition, could delay. Overall Brule to Ogallala worst condition per DE, Ogallala to Roscoe 2nd worst but timing is issue, this one is third priority.

Pavement Condition History Data

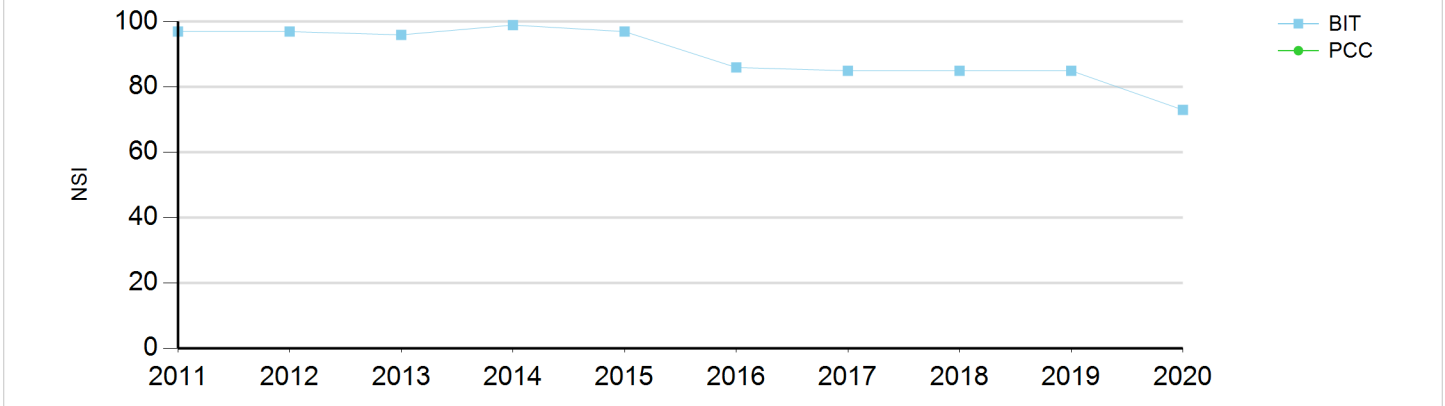
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	248.11	255.09	6	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	98	98	95	98	97	96	92	92	86	79
NSI PCC										
IRI	0.53	0.57	0.60	0.56	0.59	0.66	0.66	0.75	0.81	0.72
PSI	4.4	4.4	4.3	4.4	4.3	4.3	4.3	4.3	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	0	0	0	20	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.1	3.4	5.1	2.6	2.8	3.5	2.7	2.9	2.7	3.0
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	248.11	255.09	6	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	97	97	96	99	97	86	85	85	85	73
NSI PCC										
IRI	0.49	0.54	0.57	0.54	0.55	0.60	0.62	0.71	0.76	0.77
PSI	4.4	4.4	4.3	4.4	4.3	4.1	4.1	4.1	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	0	0	0	0	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.9	3.5	4.3	2.5	2.5	3.8	3.1	3.3	3.4	3.7
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	248.11 - 255.09	6.98	6	OVERTON EAST	18450	7216

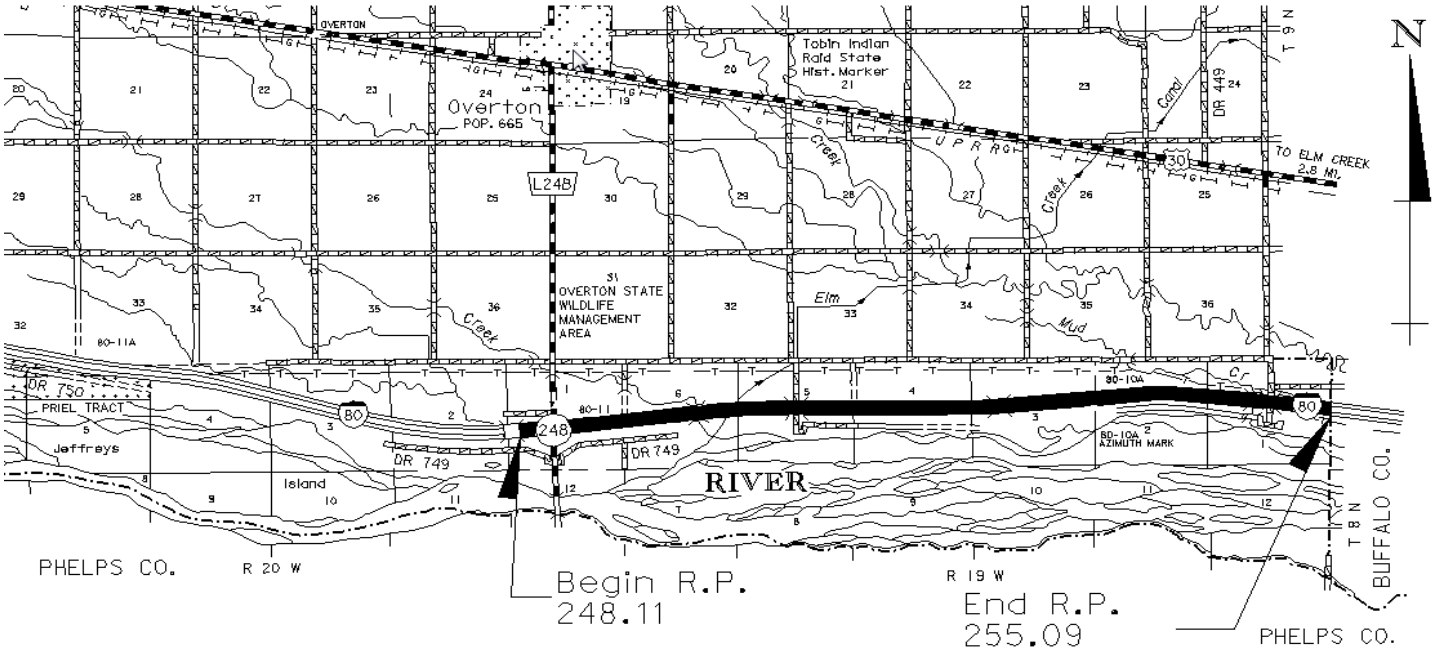
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-5(41)	*24'	16' 6"	Dowel Bar Retrofit	6" Stabilized Fill

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1985	4"	SP5	2011

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	9		99.0		100.0	6	2023	2027		
Descending	6	9		99.0		100.0	6	2021	2025		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2002	DOWEL BAR RETROFIT, GRINDING	248.090-255.090	61220	EACIM-80-5(63)
2010	RESURF S-SHLD	248.110-255.090	61423	IM-80-5(68)
2015	Crack Seal	248.110-255.090	61398	RD-80-5(1014)
2020	Crack Seal	248.110-255.090	61640	NH-80-5(82)
2023	Reconst, Br	247.870-254.870	61664	NH-80-5(86)
2026	Resurf	248.110-255.090	61662	NH-80-5(85)



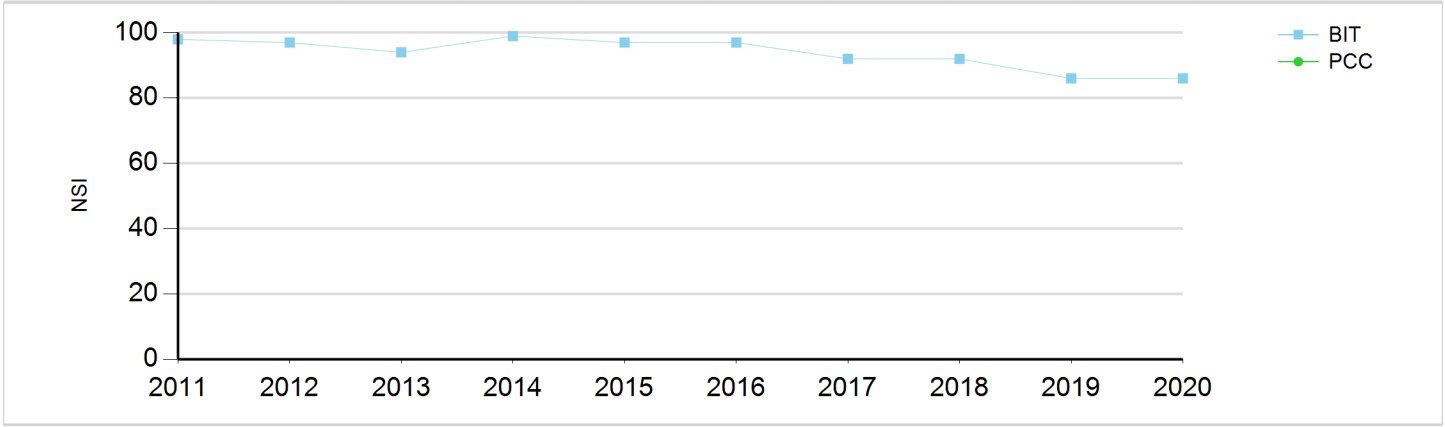
Comments:

Program 2023 rebuild. Kill 61662 Resurfacing in 2026 if 61664 reconstruction is built.
2020 ITF - Limits of 42756 are wrong in ITF book. If rebuild moves, need to replace w/resurfacing. Already 9 years old.
2021 ITF- two programs on top of each other. Kill resurfacing in 2026 (CN 61662) and change CN 61664 to white topping in 2026.

Pavement Condition History Data

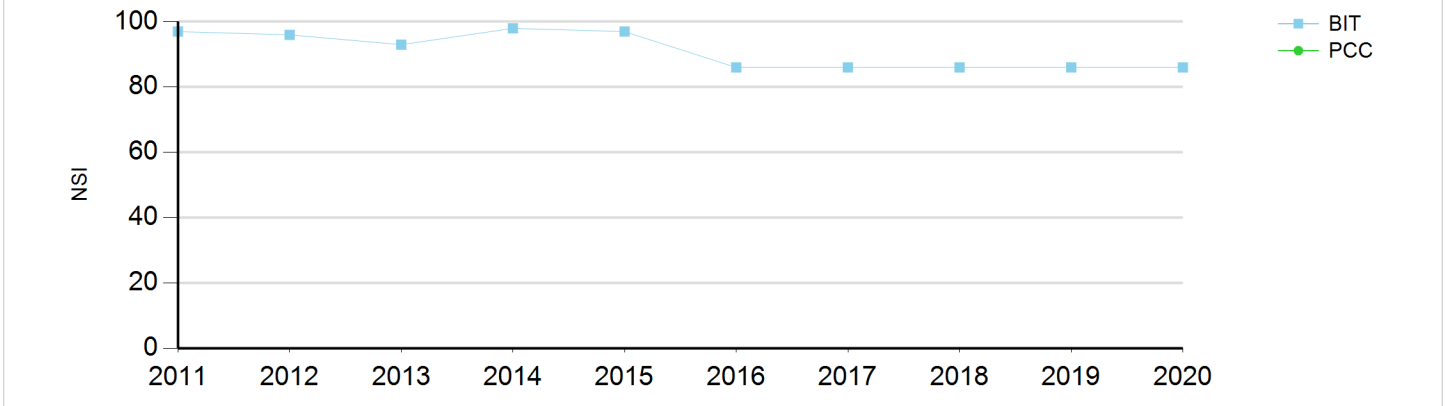
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	255.09	256.64	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	98	97	94	99	97	97	92	92	86	86
NSI PCC										
IRI	0.48	0.55	0.61	0.52	0.54	0.59	0.65	0.73	0.77	0.71
PSI	4.4	4.4	4.3	4.4	4.3	4.3	4.3	4.3	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	0	0	0	21	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.1	3.3	5.2	2.2	2.7	1.8	2.5	2.6	2.4	2.7
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	255.09	256.64	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	97	96	93	98	97	86	86	86	86	86
NSI PCC										
IRI	0.43	0.48	0.48	0.47	0.48	0.53	0.56	0.63	0.70	0.68
PSI	4.4	4.3	4.3	4.4	4.3	4.0	4.1	4.1	4.0	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	0	0	0	0	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	4.0	4.2	6.0	2.9	2.9	4.5	3.4	3.5	3.6	3.3
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	255.09 - 256.64	1.55	4	ELM CREEK WEST	18460	7220

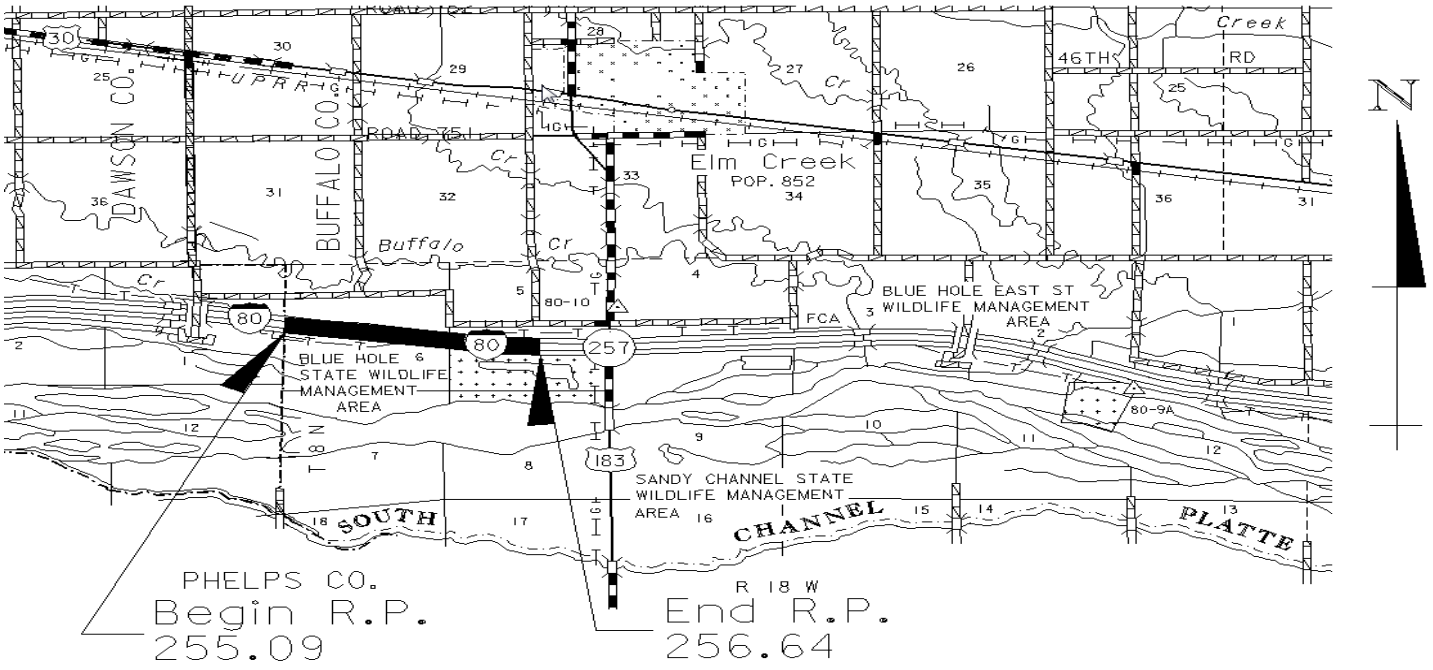
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-5(41)	24'	18' Random	None	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1985	4"	SP5	2011

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	9		100.0		100.0	7	2025	2029		
Descending	6	9		100.0		100.0	7	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2002	DOWEL BAR RETROFIT, GRINDING	255.090-263.320	42061	EACIM-80-5(62)
2023	4-Lane Gr, Str, Conc Pvmt	255.090-263.690	42756	NH-80-5(76)
2023	Crossovers	255.090-263.690	42756A	NH-80-5(77)



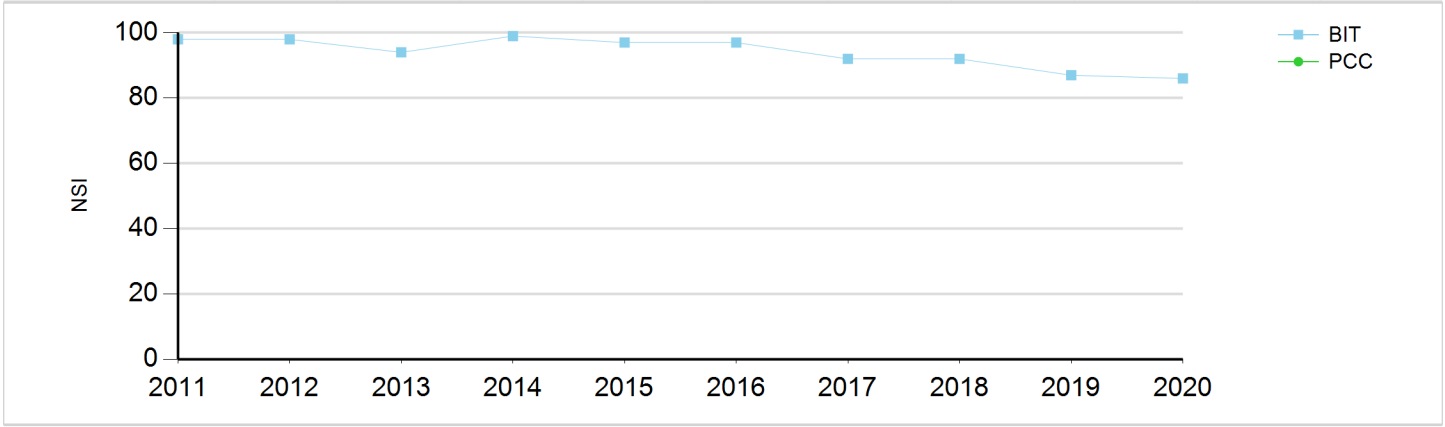
Comments:

This segment managed within larger RP 255.09-263.31 Segment.

Pavement Condition History Data

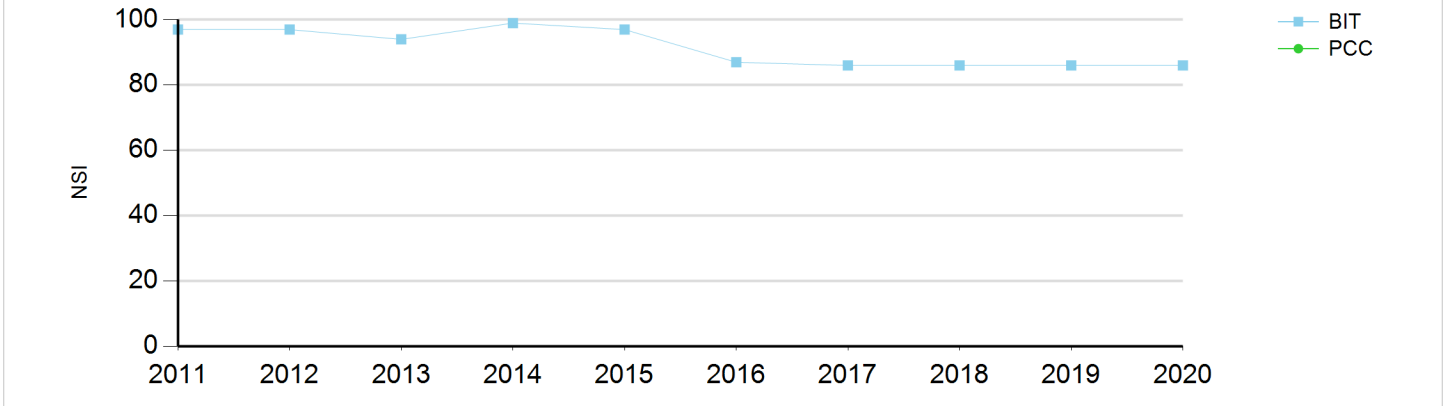
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	256.64	257.47	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	98	98	94	99	97	97	92	92	87	86
NSI PCC										
IRI	0.51	0.60	0.56	0.54	0.54	0.73	0.61	0.66	0.72	0.69
PSI	4.4	4.4	4.3	4.4	4.3	4.3	4.3	4.3	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	0	0	0	21	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.1	2.5	5.6	2.5	2.7	2.6	2.9	2.8	2.7	3.0
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	256.64	257.47	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	97	97	94	99	97	87	86	86	86	86
NSI PCC										
IRI	0.53	0.60	0.68	0.64	0.65	0.75	0.75	0.89	0.90	0.87
PSI	4.4	4.4	4.3	4.4	4.3	4.1	4.1	4.0	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	0	0	0	0	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.7	3.8	5.4	2.6	2.4	1.9	2.8	3.0	3.0	2.9
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	256.64 - 257.47	0.83	4	ELM CREEK INTERCHANGE	19536	7362

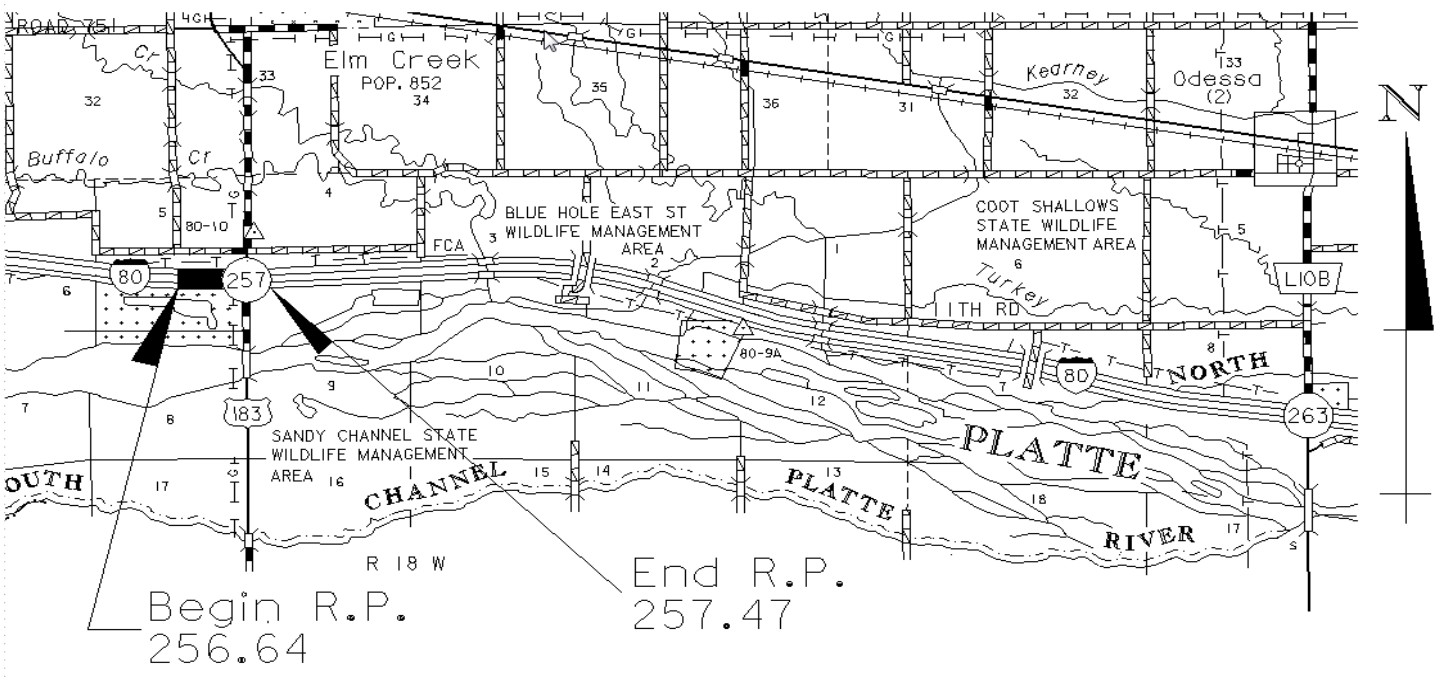
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-5(44) WB, IR-80-5(45)	*24'	16' 6"	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1986 WB 1989 EB	4"	SP5	2011

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	9		100.0		100.0	7	2026	2030		
Descending	6	9		100.0		100.0	7	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2002	DOWEL BAR RETROFIT, GRINDING	255.090-263.320	42061	EACIM-80-5(62)
2023	4-Lane Gr, Str, Conc Pvmt	255.090-263.690	42756	NH-80-5(76)
2023	Crossovers	255.090-263.690	42756A	NH-80-5(77)



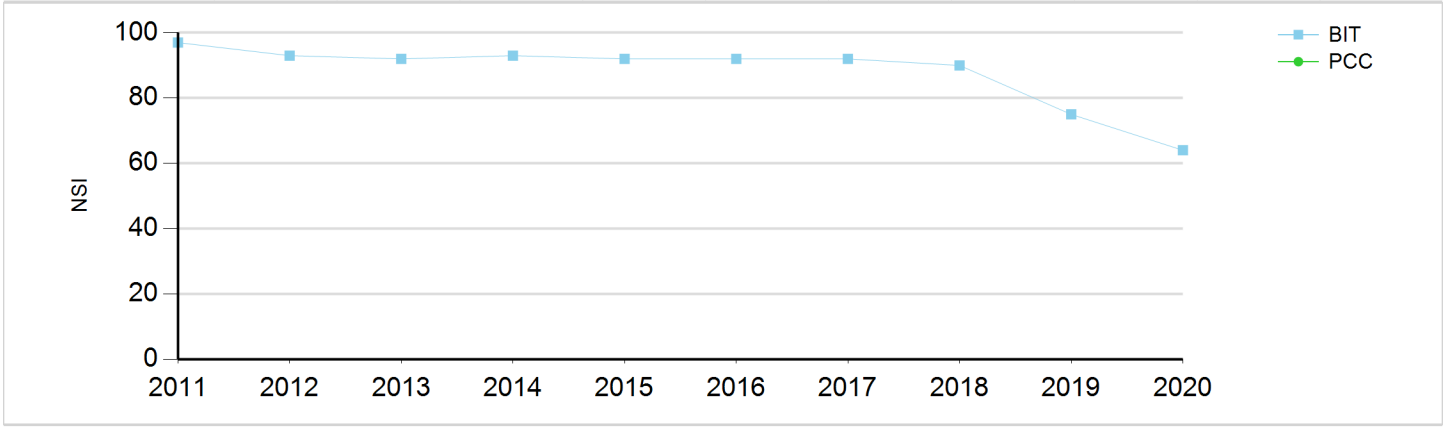
Comments:

This segment managed within larger RP 255.09-263.31 Segment.

Pavement Condition History Data

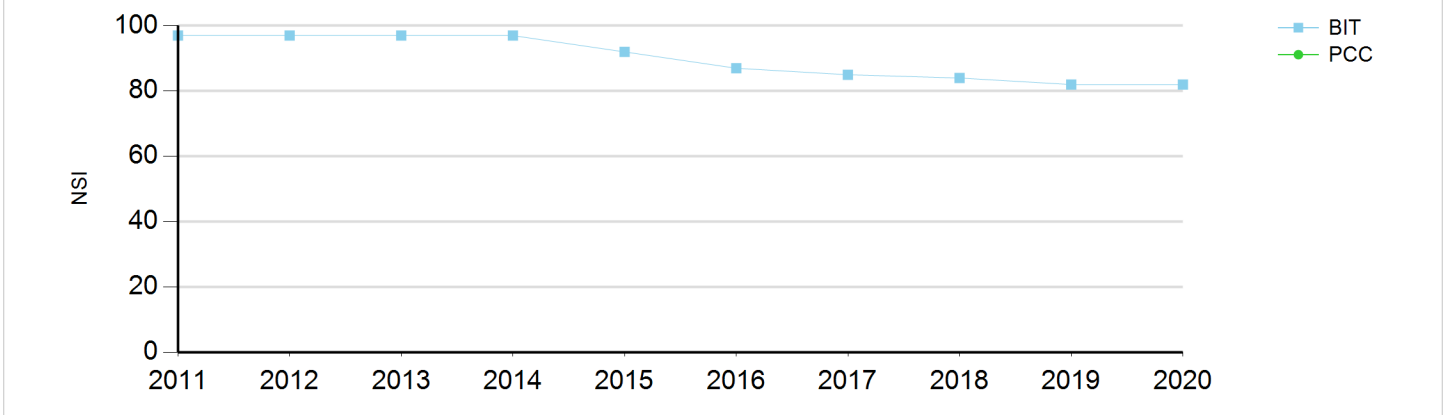
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	257.47	263.31	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit	97	93	92	93	92	92	92	90	75	64
NSI PCC										
IRI	0.72	0.75	0.74	0.75	0.76	0.82	0.84	0.90	0.97	0.98
PSI	4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	100	100	100	100	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.5	3.1	4.3	2.5	2.5	1.2	2.6	2.7	2.7	3.2
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	257.47	263.31	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit	97	97	97	97	92	87	85	84	82	82
NSI PCC										
IRI	0.74	0.80	0.83	0.79	0.81	0.87	0.89	1.01	1.07	1.07
PSI	4.3	4.3	4.2	4.3	4.3	4.1	4.2	4.0	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	100	100	100	100	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.8	3.3	3.9	2.2	2.0	2.0	2.7	2.9	2.9	3.0
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	257.47 - 263.31	5.84	4	ELM CREEK-ODESSA	20540	7494

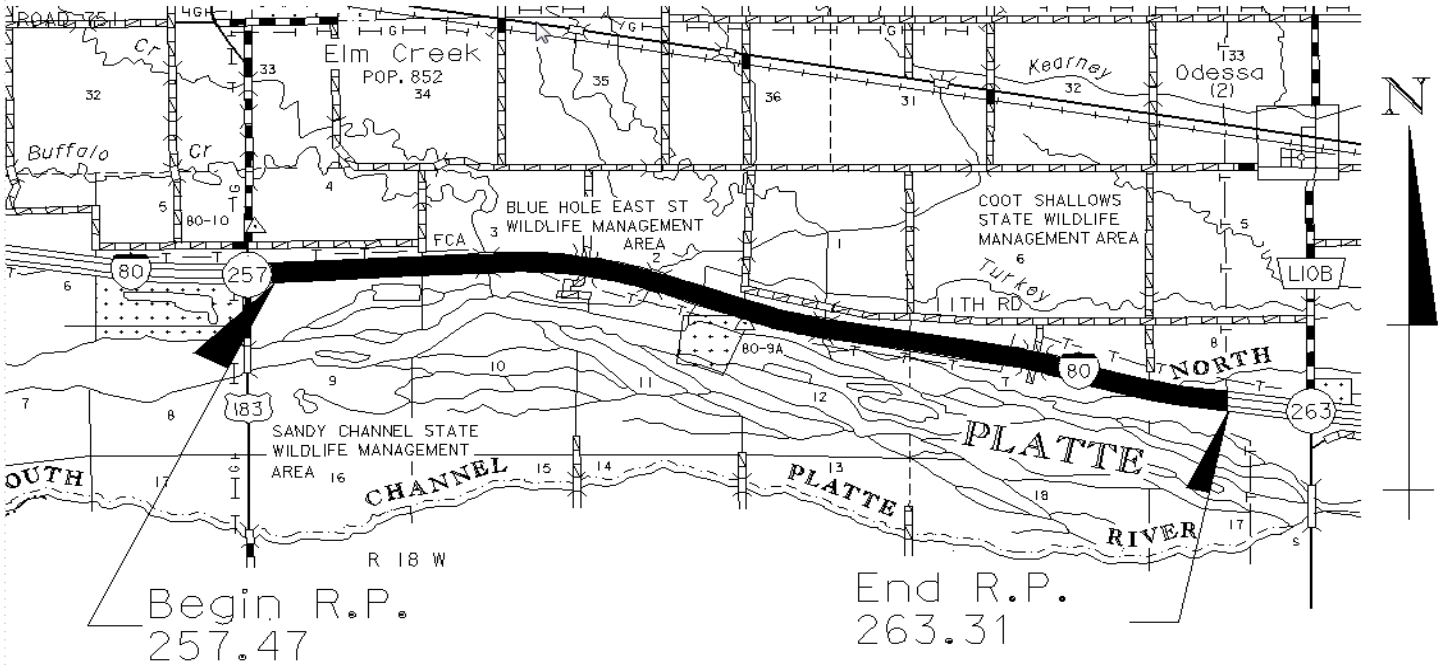
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-5(44) WB, IR-80-5(45)	*24'	13'-18' R	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1986 WB, 1989 EB	3"	SP5	2009

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	11		100.0		100.0	9	PSTO	2021		
Descending	6	11		100.0		100.0	7	2024	2028		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2002	DOWEL BAR RETROFIT, GRINDING	255.090-263.320	42061	EACIM-80-5(62)
2007	JOINT REPAIR	259.980-263.000	42431	RD-80-5(1015)
2008	RESURF S-SHLD	257.480-272.230	42464	IM-80-5(67)
2011	CRACK SEAL	257.470-272.230	42562	RD-80-5(1017)
2017	Crack Seal	257.470-272.250	42758	NH-80-5(80)
2023	Crossovers	255.090-263.690	42756A	NH-80-5(77)
2023	4-Lane Gr, Str, Conc Pvmt	255.090-263.690	42756	NH-80-5(76)



Comments:

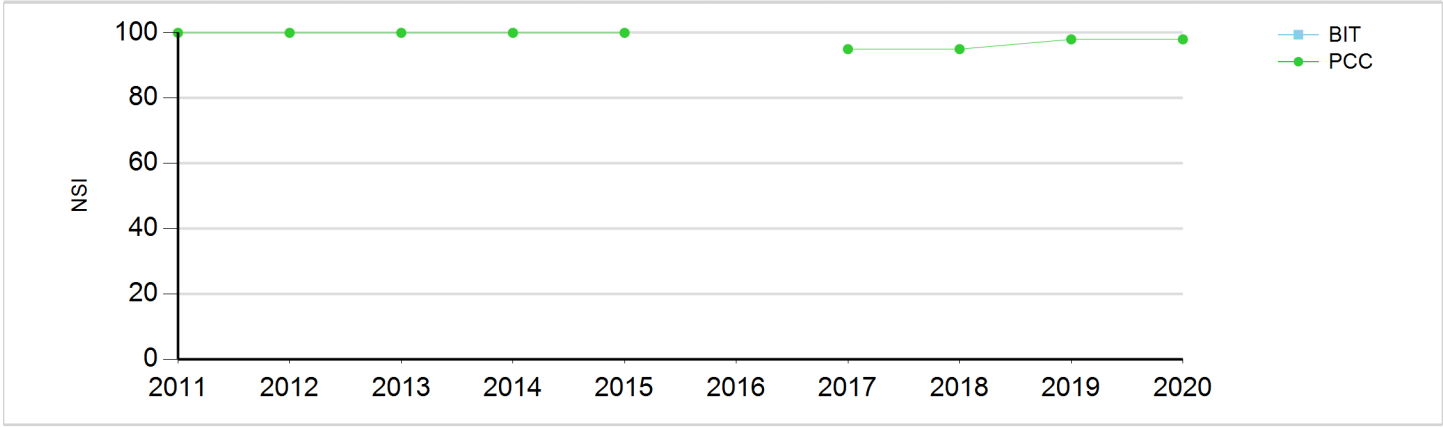
This segment managed within larger RP 255.09-263.31 Segment.

Exit 263 WB On Ramp - HMA portion in rough shape; alligator cracks, raveling, oxidized. Approximate 33 slab long longitudinal. crack. Most can be stitched but few panels must be repaired due to double crack. Wes will look at other ramps.
2017 ITF - Rebuild remaining ramps w/EB mainline. Repair/stitch existing PCC ramp segments.
2018 - Surface looks good. Need 5 more years until rebuild. Check why rebuild doesn't show up in ITF book. .Wes has gotten calls on WB ramps. May need D4 or Greg Wood M/F prior to rebuild. Rebuild is TK which was recently pushed to 2023. Rebuild adjacent to Overton East if it stays in 2023.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	263.31	272.22	4	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit										
NSI PCC	100	100	100	100	100		95	95	98	98
IRI	0.89	0.91	0.94	0.92	0.91	0.91	1.03	0.93	0.94	0.96
PSI	4.6	4.6	4.6	4.6	4.6		4.5	4.6	4.6	4.6
Crkng Index BIT										
Slab Distrs PCC	0	1	1	1	1		2	1	1	1
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0		0	0	0	0
Faulting	0.01	0.07	0.10	0.43	0.55		0.45	0.51	0.49	0.08
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	263.31 - 272.22	8.91	4	ODESSA-KEARNEY	10262	3761

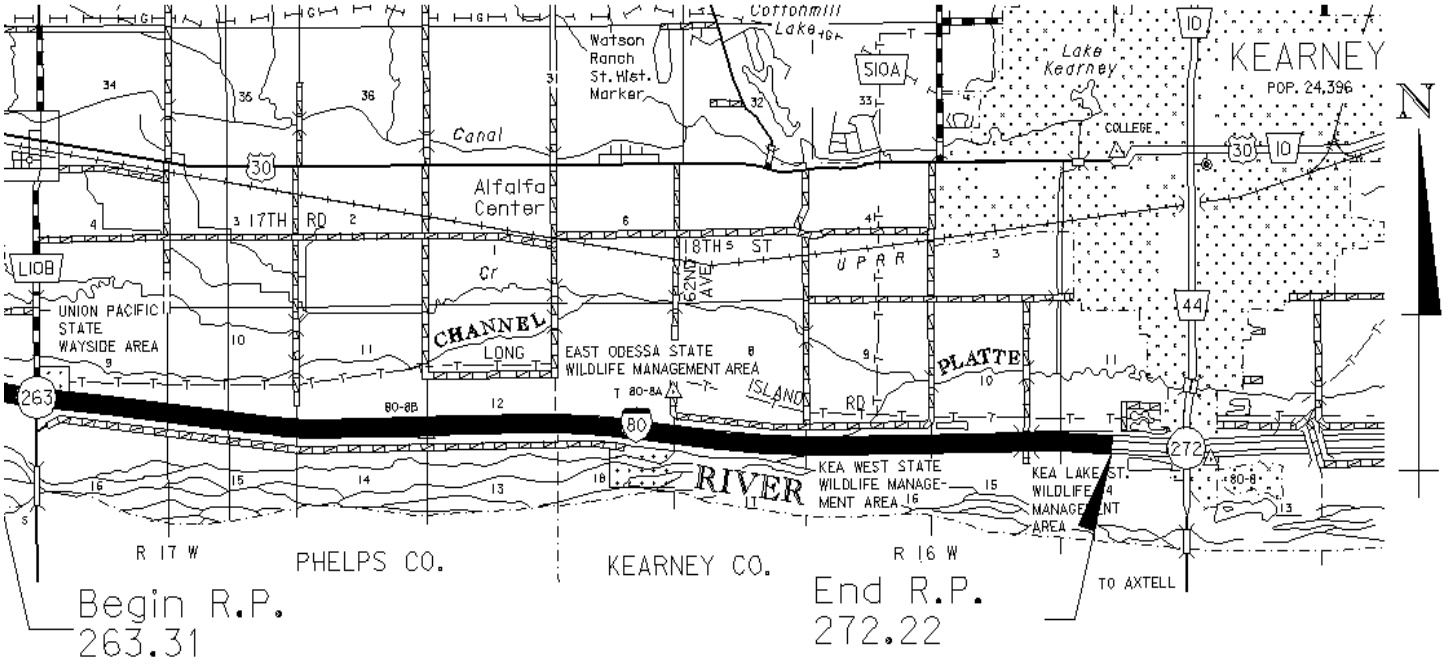
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-80-5(65)	*24'	16' 6"	Dowels & Tie Bars	4" Crushed PCC

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	2010			

*Mainline 24' Wide, Concrete 4' inside and 12' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	8				100.0	100.0	8			2039	2045

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2009	CONC PVMT	263.320-272.230	42411	IM-80-5(65)
2011	CRACK SEAL	257.470-272.230	42562	RD-80-5(1017)
2017	Crack Seal	257.470-272.250	42758	NH-80-5(80)
2017	Joint Seal	263.310-272.230	42759	NH-80-5(81)
2023	Crossovers	255.090-263.690	42756A	NH-80-5(77)
2023	4-Lane Gr, Str, Conc Pvmt	255.090-263.690	42756	NH-80-5(76)
2024	Gr, Conc Pvmt, Br	263.310-272.250	42852	NH-80-5(83)



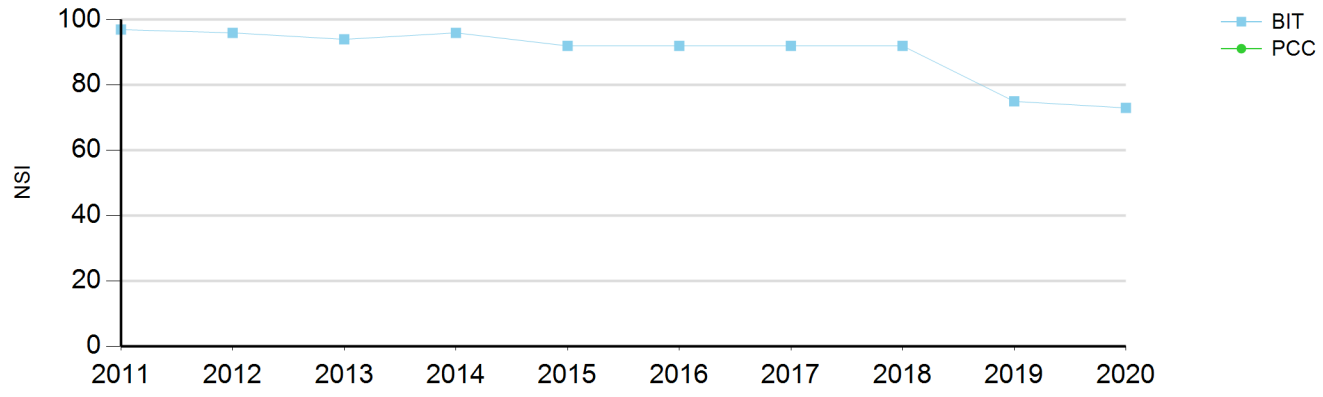
Comments:

2017 ITF - Program EB rebuild. Bridges will be replaced per Abdul S.
2018 ITF - Confirm WB ramps rebuilt w/EB rebuild. Terrible shape.
2021 ITF- program joint seal WB. Lots of mastic in CL joint and edge. Bump rebuild for EB to 2025 to avoid conflict with Elm Creek - Odessa (42756)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	263.31	272.25	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit	97	96	94	96	92	92	92	92	75	73
NSI PCC										
IRI	0.72	0.71	0.75	0.71	0.71	0.74	0.79	0.86	0.90	0.89
PSI	4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.1	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	100	100	100	100	100	100	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.6	3.2	5.0	2.3	2.3	2.2	2.5	2.6	2.5	2.9
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	263.31 - 272.25	8.94	4	ODESSA-KEARNEY	10262	3761

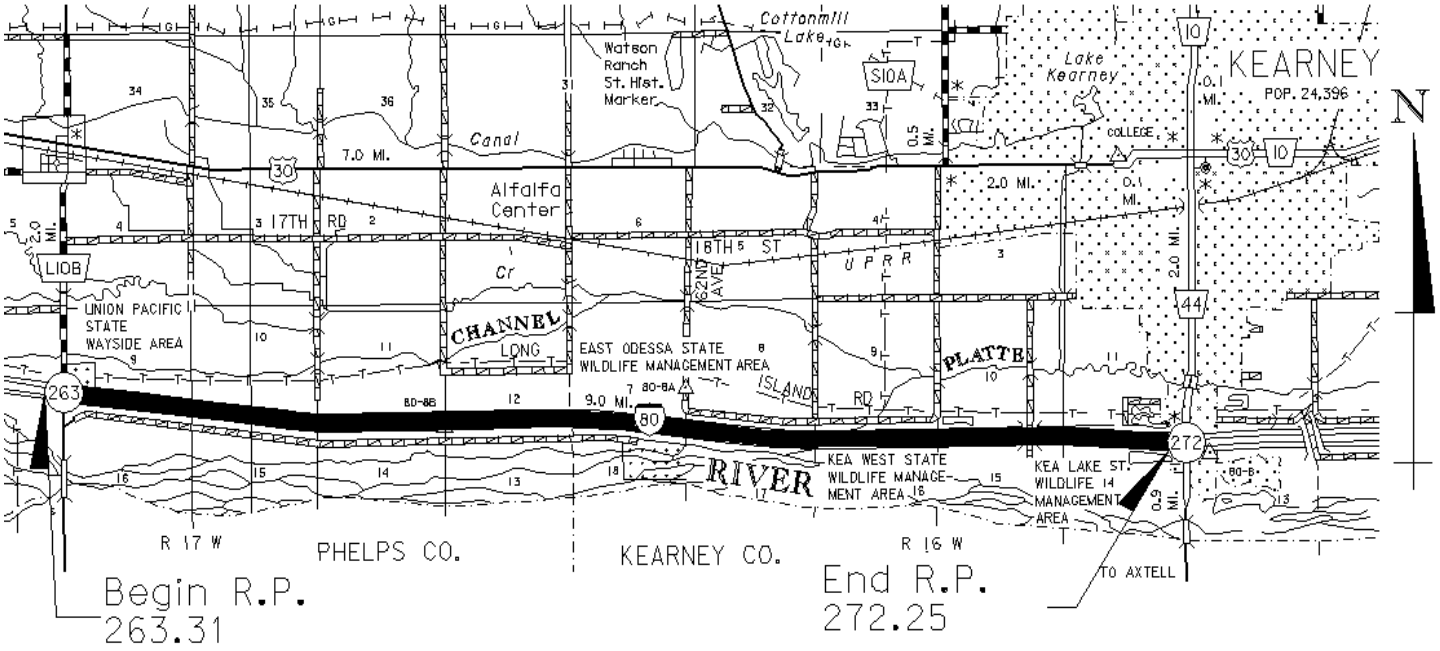
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-5(43)	*24'	13'-18' Random	Dowel Bar Retrofit	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1985	3"	SP5	2009

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	11		100.0		100.0	8	2021	2025		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1999	MILL & INLAY	263.320-272.230	41400	EACIM-80-5(52)
2001	JOINT SEAL	272.230-279.480	42139	RD-80-6(1021)
2002	DOWEL BAR RETROFIT, GRINDING	263.320-272.230	42116	RD-80-5(1010)
2002	CRACK SEAL	263.320-272.230	42187	RD-80-7(1022)
2006	FOG SEAL	263.320-272.230	42406	RD-80-5(1013)
2008	RESURF S-SHLD	257.480-272.230	42464	IM-80-5(67)
2009	CONC PVMT	263.320-272.230	42411	IM-80-5(65)
2011	CRACK SEAL	257.470-272.230	42562	RD-80-5(1017)
2017	Crack Seal	257.470-272.250	42758	NH-80-5(80)
2017	Joint Seal	263.310-272.230	42759	NH-80-5(81)
2024	Gr, Conc Pvmt, Br	263.310-272.250	42852	NH-80-5(83)
2024	Crossover	272.230-272.230	42852A	NH-80-5(84)



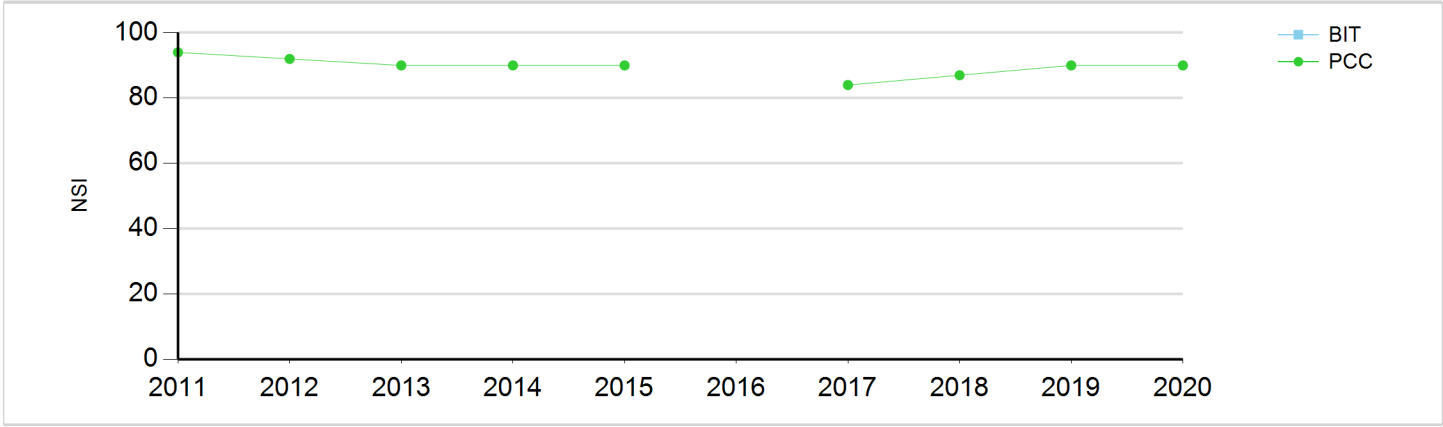
Comments:

2017 ITF - Program EB rebuild. Bridges will be replaced per Abdul S.
2018 ITF - Confirm WB ramps rebuilt w/EB rebuild. Terrible shape.
2021 ITF- Program Joint Seal EB. Picnic shelters Rest Area demoed. Lots of mastic in CL joint and edge. Bump rebuild to 2025 to avoid conflict with Elm Creek - Odessa (42756)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	272.22	279.48	4	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	26	27	28	29	30	31	32	33	34	35
NSI Bit										
NSI PCC	94	92	90	90	90		84	87	90	90
IRI	1.01	1.34	1.14	1.10	1.08	1.14	1.12	1.51	1.15	1.14
PSI	4.4	4.2	4.3	4.3	4.3		4.3	4.1	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC	10	10	11	11	11		13	2	5	7
#TC BIT										
%Bad Jnts PCC	0	1	3	3	3		5	2	0	0
Faulting	0.24	0.17	0.22	0.65	0.71		0.78	1.53	0.78	1.00
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	272.22 - 279.48	7.26	4	KEARNEY-MINDEN	11083	3879

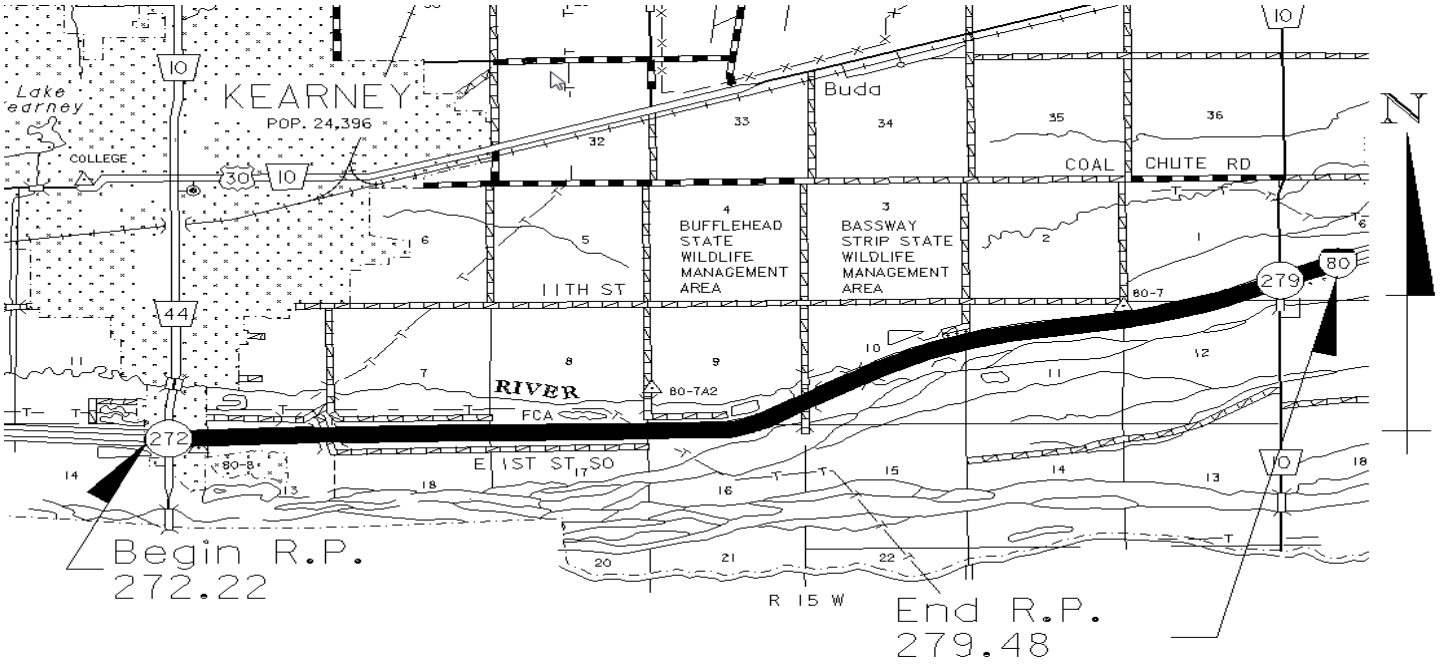
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-6(48)	*24	13'-18' Random	Dowel Bar Retrofit	7" Milled Soil Cement Treated

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1985			

*Mainline 24' wide, Concrete 3' inside and 10' outside shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	8				100.0	100.0	8			2035	2041

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	JOINT SEAL	272.230-279.480	42139	RD-80-6(1021)
2002	CRACK SEAL	263.320-272.230	42187	RD-80-7(1022)
2004	DOWEL BAR RETROFIT, GRINDING	272.230-279.480	41961	RD-80-6(1014)
2012	GR CULV SURF S-SHLD STR REMOVAL	277.340-278.080	42653	HSIP-80-5(70)
2018	Conc Repair, Surface Seal	272.290-279.480	42510	NH-80-6(102)
2024	Crossover	272.230-272.230	42852A	NH-80-5(84)
2024	Gr, Conc Pvmt, Br	263.310-272.250	42852	NH-80-5(83)



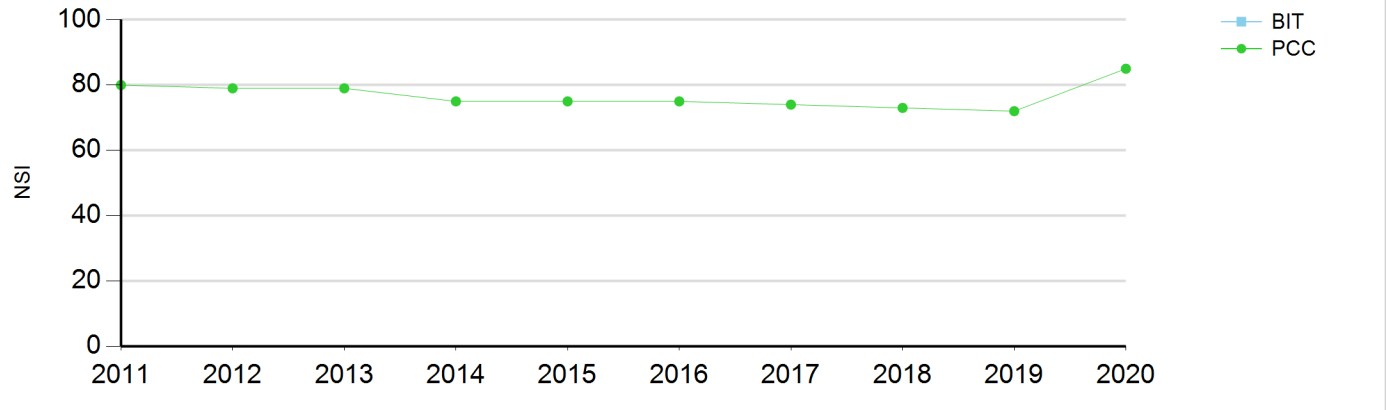
Comments:

Slight staining observed in 2011 but not 2012. Overlay moved from 2014 to 2016 to 2019.
2015 ITF - Change resurfacing to repair and joint seal. PCC looks good.
Feb 2017 - Appears to be ASR in EB shld joints. DL/PL joint stained or just shadow from grind? Consider silane sealer?
2017 ITF - Consider HE vs. PR for repair. Wes ok with lane closure overnight.
2018 - ITF - Did we decide to eliminate concrete sealer? No.
2021 ITF- Program overlay in 2027-28

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	272.25	279.48	4	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	26	27	28	29	30	31	32	33	34	35
NSI Bit										
NSI PCC	80	79	79	75	75	75	74	73	72	85
IRI	1.00	1.18	1.05	1.06	1.05	1.06	1.09	1.19	1.18	1.16
PSI	4.4	4.3	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	10	10	10	10	10	10	11	3	5	8
#TC BIT										
%Bad Jnts PCC	1	1	1	6	6	6	8	8	2	0
Faulting	0.17	0.18	0.11	0.72	1.16	0.20	0.90		0.84	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	272.25 - 279.48	7.23	4	KEARNEY-MINDEN	11086	3880

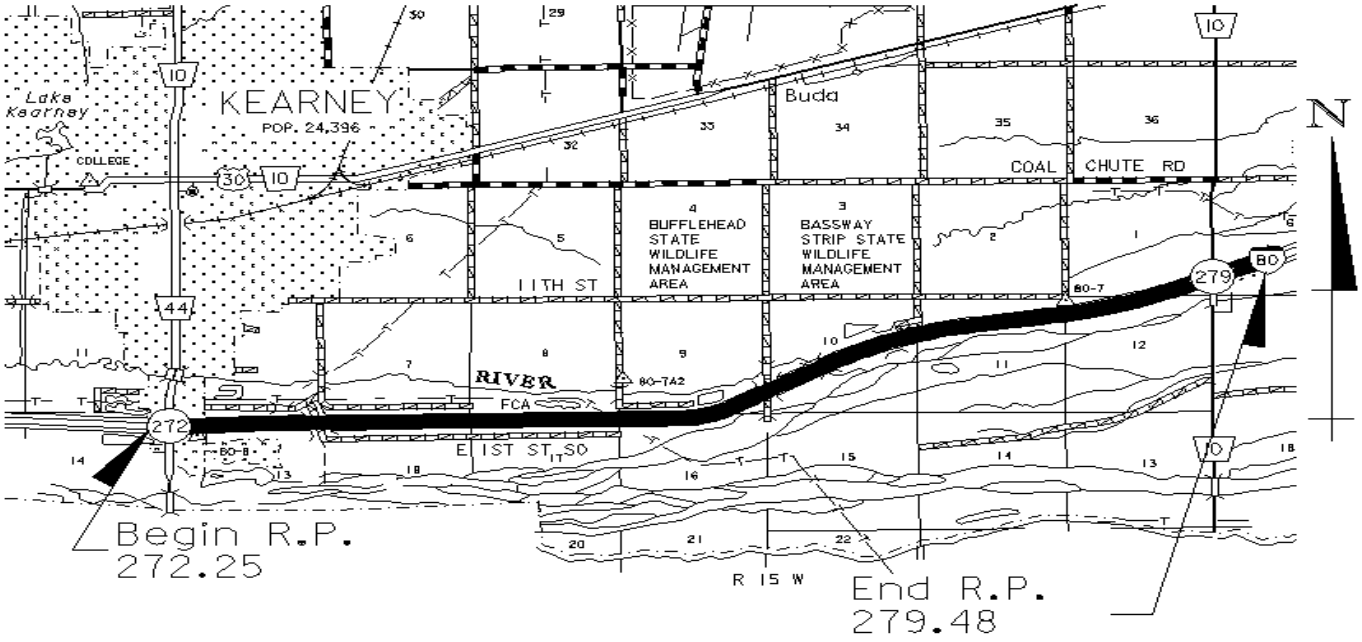
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-6(48)	*24'	18' Random	Tie bars	7" Milled Soil Cement Treated

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1985			

*Mainline 24' Wide, Concrete 3' inside and 10' Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	35			100.0	100.0	7			2032	2038

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	JOINT SEAL	272.230-279.480	42139	RD-80-6(1021)
2004	DOWEL BAR RETROFIT, GRINDING	272.230-279.480	41961	RD-80-6(1014)
2012	GR CULV SURF S-SHLD STR REMOVAL	277.340-278.080	42653	HSIP-80-5(70)
2018	Conc Repair, Surface Seal	272.290-279.480	42510	NH-80-6(102)

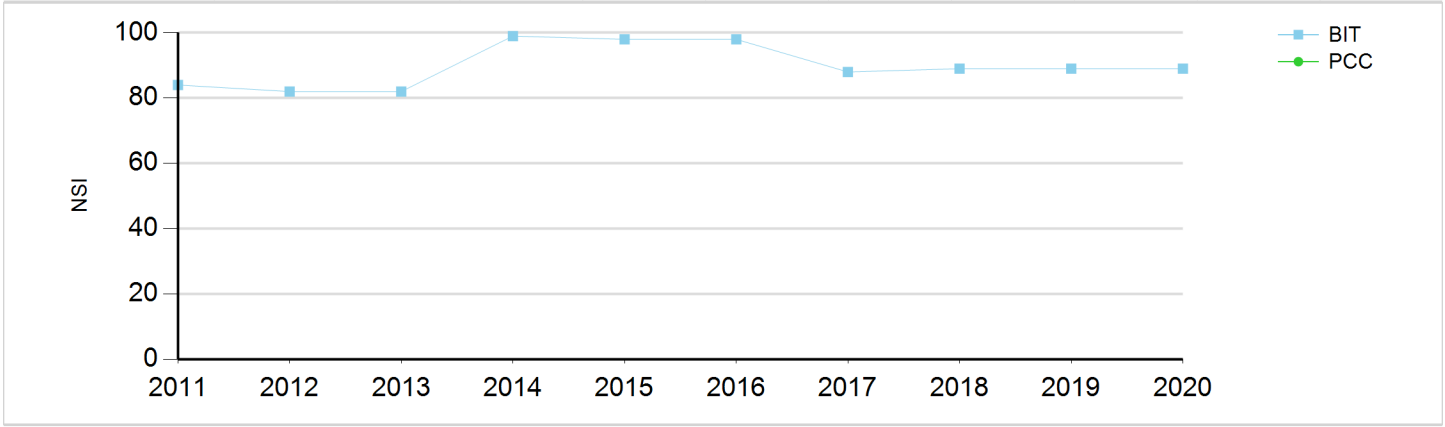


Comments:

Pavement Condition History Data

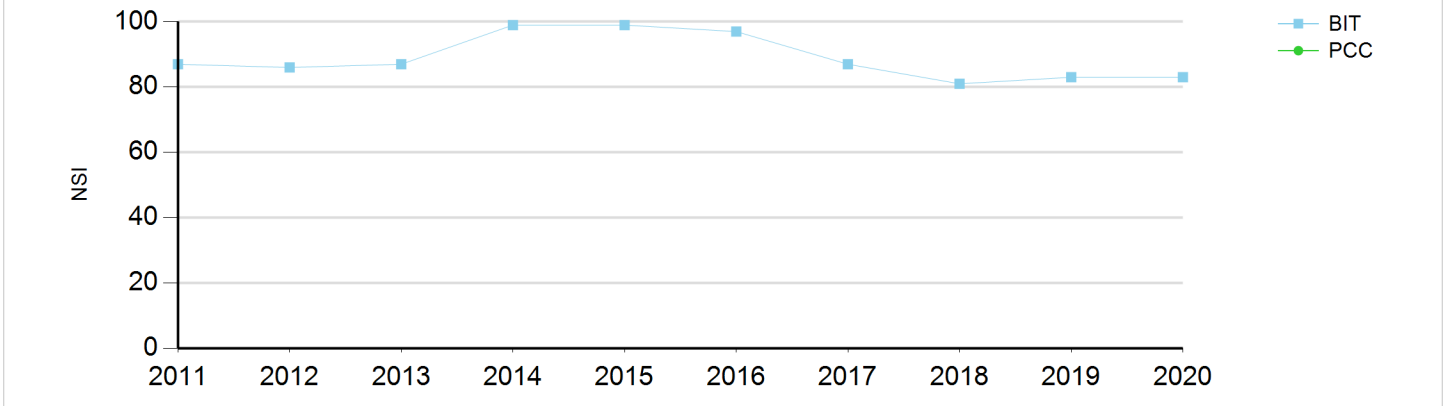
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	279.48	283.70	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit	84	82	82	99	98	98	88	89	89	89
NSI PCC										
IRI	1.03	1.07	0.99	0.71	0.73	0.76	0.81	0.86	0.94	0.96
PSI	4.1	4.0	4.0	4.4	4.3	4.4	4.3	4.3	4.3	4.2
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	65	70	70	0	0	0	92	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	6.1	7.6	7.9	1.8	3.7	1.2	3.2	3.2	3.3	4.0
% Over 13mm	0.3	3.5	2.7							
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	279.48	283.70	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit	87	86	87	99	99	97	87	81	83	83
NSI PCC										
IRI	0.88	0.91	0.99	0.70	0.73	0.74	0.78	0.84	0.91	0.95
PSI	4.3	4.3	4.2	4.4	4.4	4.3	4.2	4.1	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	35	35	0	0	29	76	77	77	77
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.3	4.1	5.0	1.8	2.2	1.5	2.7	2.8	3.4	3.3
% Over 13mm										
Rut Depth -PL										



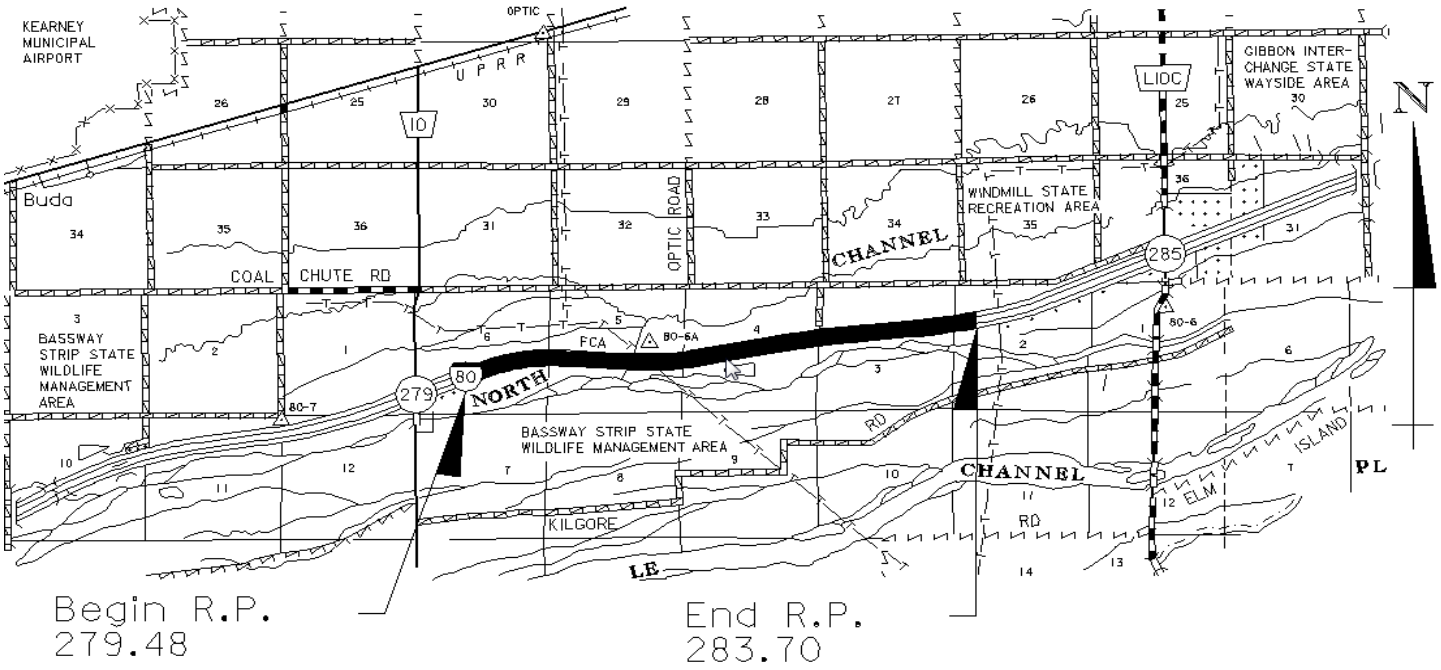
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	279.48 - 283.70	4.22	4	MINDEN-GIBBON	22678	7874

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-6(10)	24'	46'6"	Wire	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1963	2"	SPH	2004, 2014

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	6		100.0		100.0	8	2027	2031		
Descending	6	6		100.0		100.0	8	2024	2028		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1997	MILL & INLAY	279.480-283.810	41404A	EACIM-80-6(70)
2000	CRACK SEALING	279.480-283.710	41960	RD-80-6(1013)
2004	MILL, INLAY, INCL. SHLD	279.480-283.700	42156	IM-80-6(74)
2005	CRACK SEAL	279.480-299.370	42326	RD-80-6(1024)
2010	CRACK SEAL	279.480-299.330	42409	RD-80-6(1027)
2014	Mill, Resurf	279.480-283.700	42517	IM-80-6(105)
2017	Crack Seal	279.480-283.700	42754	NH-80-6(115)
2024	Mill, Resurf	279.480-283.700	42854	NH-80-6(116)



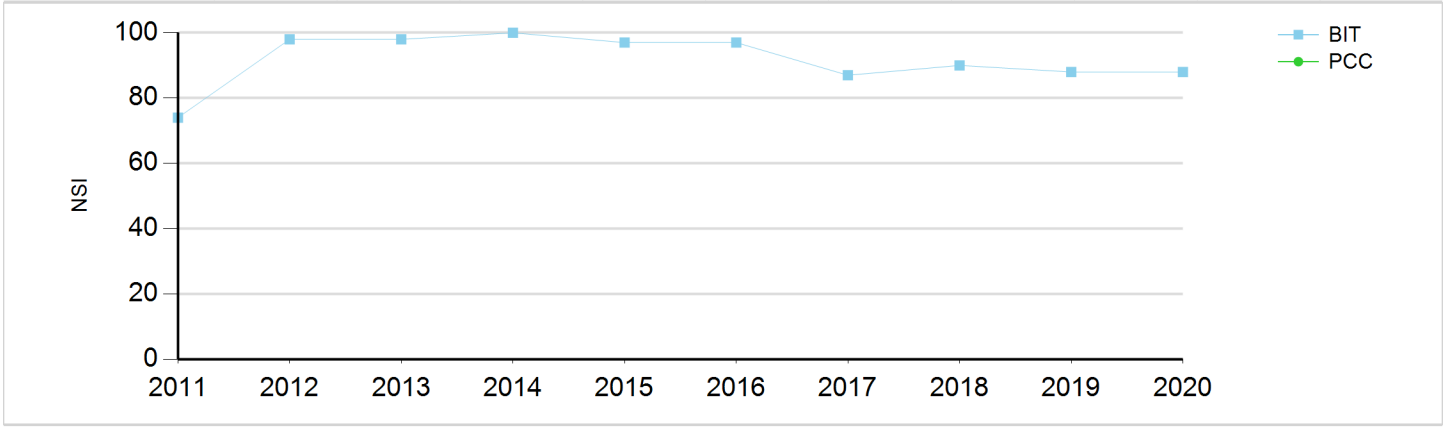
Comments:

Jul 2014 - 1.5" SLX test segment at exit 279. 500' of WB Driving Lane between Overpass and On ramp.
2017 ITF - Program resurfacing appr. 2024.
2019 ITF - Program resurfacing
2020 ITF Program resurfacing appr. 2024
2021 ITF- Keep programmed in 2024

Pavement Condition History Data

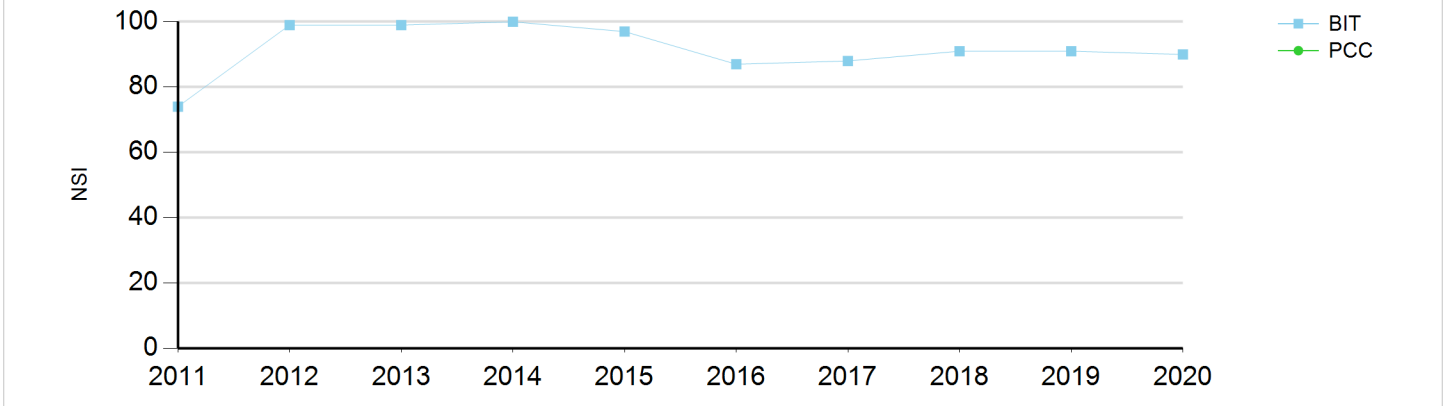
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	283.70	290.96	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	74	98	98	100	97	97	87	90	88	88
NSI PCC										
IRI	1.00	0.47	0.51	0.46	0.52	0.54	0.59	0.63	0.75	0.75
PSI	4.1	4.4	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.2
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	70	2	0	10	70	70	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	4.5	2.7	3.5	1.4	2.8	1.6	2.0	2.2	1.9	2.7
% Over 13mm			0.2							
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	283.70	290.96	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	74	99	99	100	97	87	88	91	91	90
NSI PCC										
IRI	1.02	0.47	0.55	0.48	0.50	0.56	0.59	0.66	0.71	0.76
PSI	4.1	4.4	4.4	4.4	4.4	4.2	4.3	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	70	0	0	0	70	70	55	55	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.9	2.1	2.3	1.1	1.5	2.2	1.7	1.9	2.1	2.1
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	283.70 - 290.96	7.26	4	GIBBON-SHELTON	22438	7890

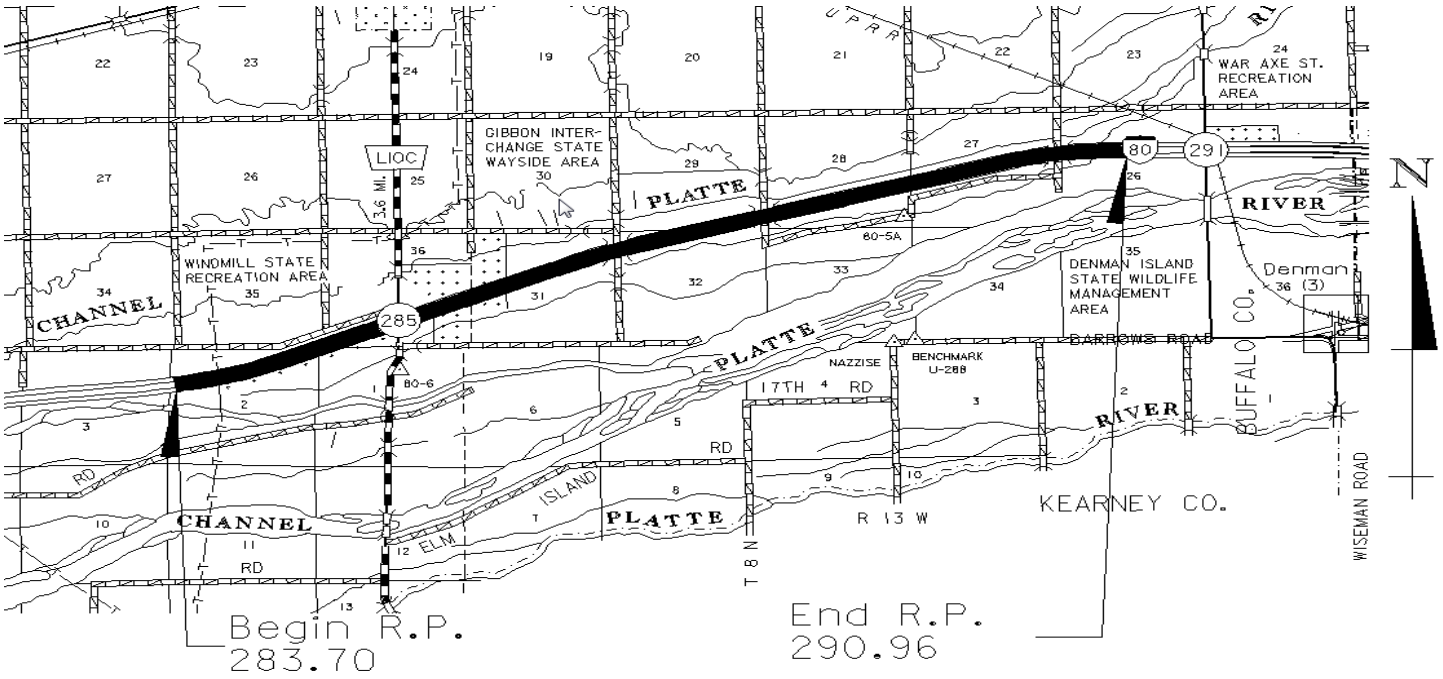
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-6(11)	24'	46'6"	Wire	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1963	1.375"	SP5	2002, 2012

** RCC, CC1, CC2, 13R, SP5, GGCRM, SPH

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	8		100.0		100.0	8	2026	2030		
Descending	6	8		100.0		100.0	8	2027	2031		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1996	MILL RESURF	283.810-290.790	41404	IM-80-6(1011)
1998	CRACK SEALING	283.810-290.940	41958	RD-80-6(1012)
2002	MILL, INLAY, INC. SHLD	283.710-290.970	42117	EACIM-80-6(72)
2005	CRACK SEAL	279.480-299.370	42326	RD-80-6(1024)
2010	CRACK SEAL	279.480-299.330	42409	RD-80-6(1027)
2012	MILL RESURF	283.710-290.970	42511	IM-80-6(103)
2015	Crack Seal	283.700-290.960	42669	RD-80-6(1037)
2022	Mill, Resurf	283.700-290.960	42794	NH-80-6(113)



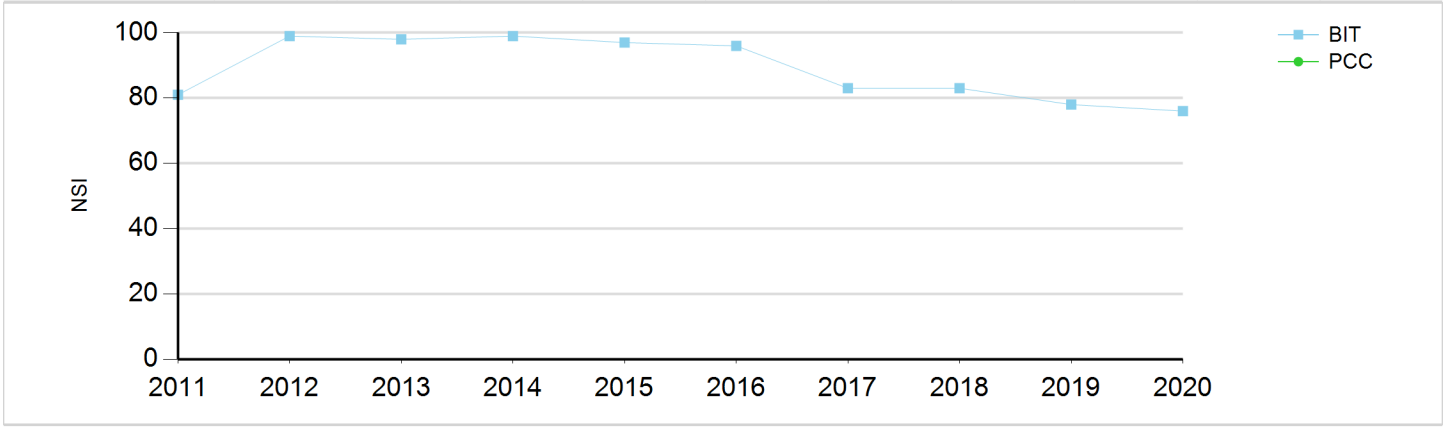
Comments:

2014 ITF - Vontz paved 5/8" LC + 1 3/8" SPH. Two lifts looked very good per Wes.
2018 ITF - Looks good.
2020 ITF - Same strategy but better shape than next segment. CL joint in better shape and few less bad joints. Keep in 2022 for now. Could potentially bump 1 yr if needed.
2021 ITF- Keep in 2022

Pavement Condition History Data

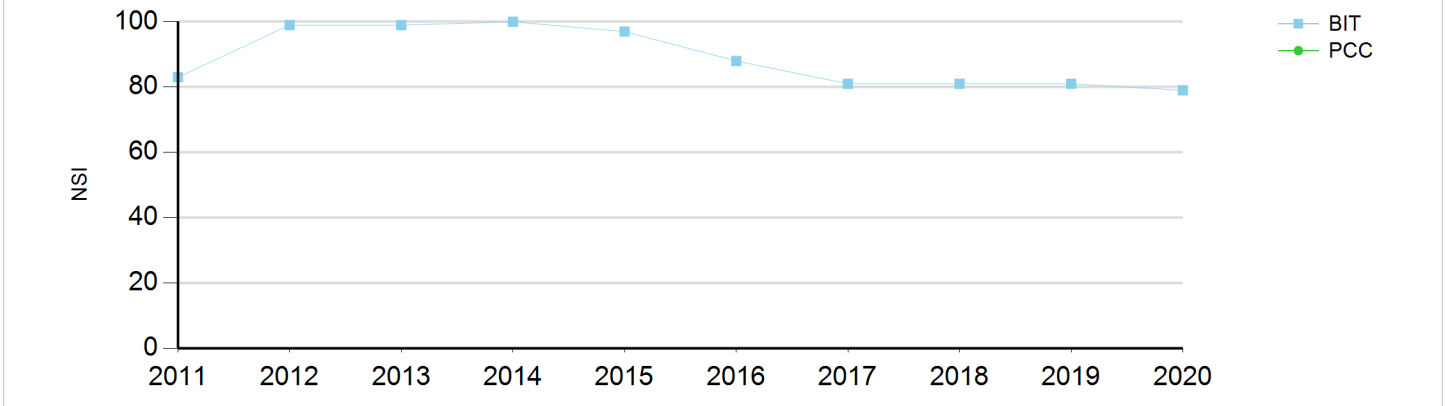
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	290.96	299.25	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	81	99	98	99	97	96	83	83	78	76
NSI PCC										
IRI	0.84	0.55	0.57	0.59	0.61	0.68	0.80	0.83	1.08	1.02
PSI	4.3	4.4	4.4	4.4	4.3	4.3	4.1	4.0	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	0	0	10	70	70	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.5	2.5	3.1	1.7	2.7	2.3	2.5	2.9	2.6	3.0
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	290.96	299.25	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	83	99	99	100	97	88	81	81	81	79
NSI PCC										
IRI	0.80	0.55	0.58	0.58	0.65	0.74	0.80	0.93	1.06	1.15
PSI	4.3	4.4	4.4	4.4	4.4	4.1	4.2	4.1	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	0	2	8	70	70	98	98	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.9	2.2	2.4	1.5	1.6	2.2	2.2	2.5	2.7	2.7
% Over 13mm										
Rut Depth -PL										



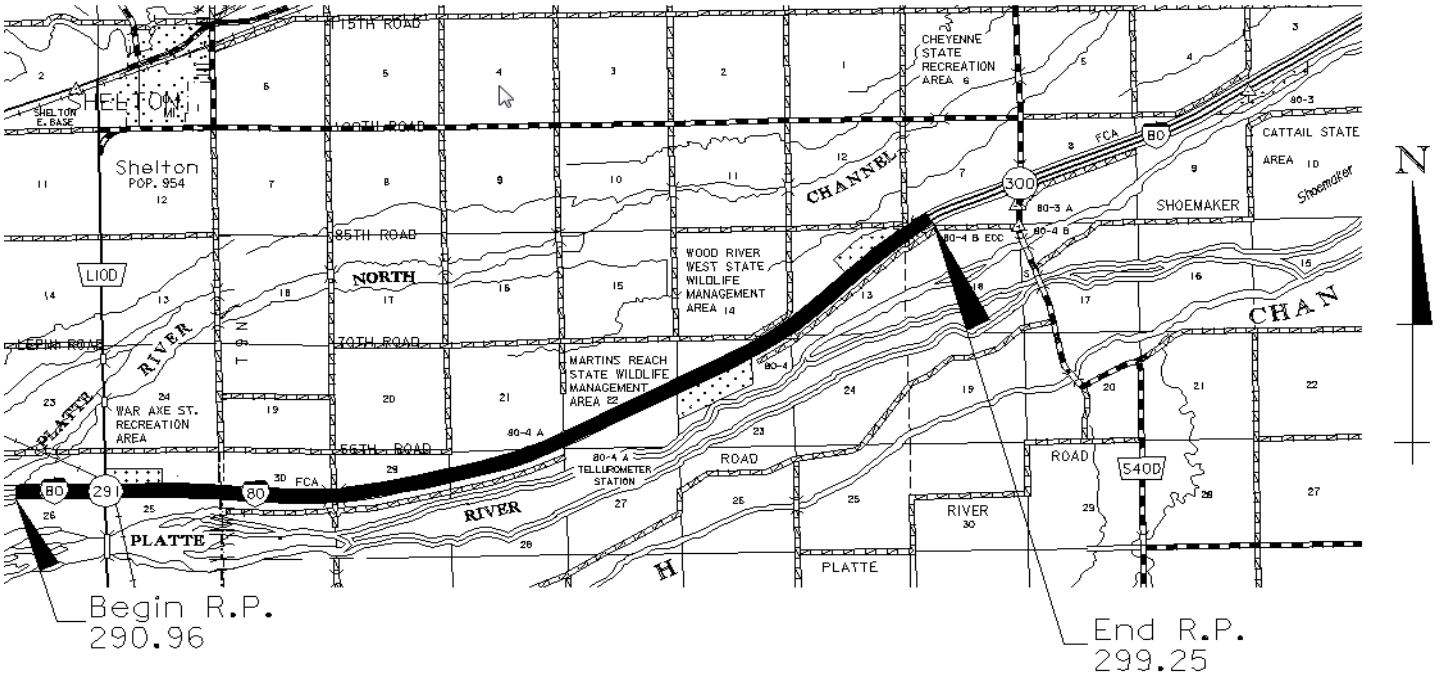
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	290.96 - 299.25	8.29	4	SHELTON-WOOD RIVER	22160	7904

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-6(11)	24'	46'6"	Wire	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1963	1.375"	SP5	2003, 2012

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	8		100.0		100.0	8	2022	2026		
Descending	6	8		100.0		100.0	7	2023	2027		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1997	MILL INLAY BR REPAIR	290.790-299.230	41395	EACIM-80-6(57)
2003	MILL, INLAY, INCL. SHLD	290.930-299.370	42157	EACIM-80-6(75)
2005	CRACK SEAL	279.480-299.370	42326	RD-80-6(1024)
2009	MILL	290.960-299.900	42556	RD-80-6(1033)
2010	CRACK SEAL	279.480-299.330	42409	RD-80-6(1027)
2012	MILL RESURF	290.960-299.380	42512	IM-80-6(104)
2015	Crack Seal	290.960-299.380	42670	RD-80-6(1038)
2021	Mill, Resurf, Br Repair	290.960-299.390	42795	NH-80-6(114)



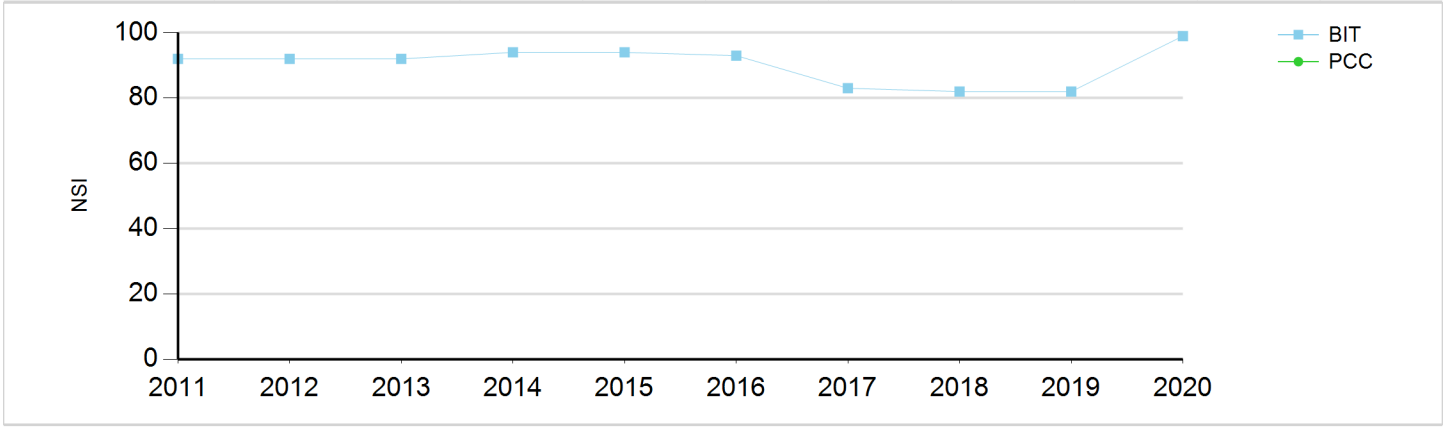
Comments:

2014 ITF - Werner paved 5/8" LC + 1 3/8" SPH. Cracked immediately per Wes.
2018 ITF - Looks good. Few bad joints.
2019 ITF - Joints getting bad. Keep in 2021. Bridge deck at appr. 291 in bad shape. Spray system present.
2020 ITF - Rough joints. Keep in 2021.
2021 ITF- Let 2021. Joints are rough.

Pavement Condition History Data

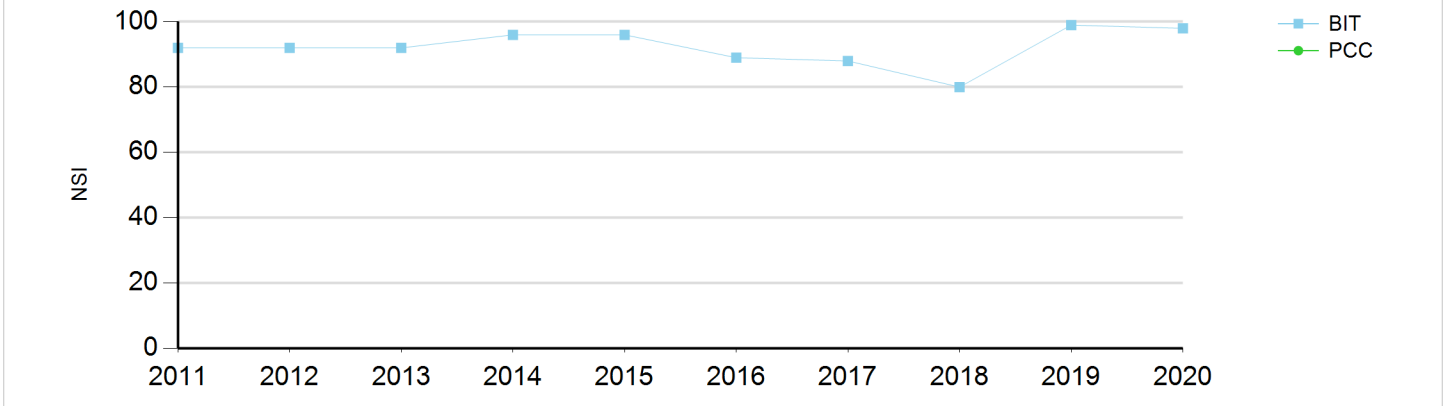
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	299.25	310.88	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit	92	92	92	94	94	93	83	82	82	99
NSI PCC										
IRI	0.76	0.78	0.82	0.87	0.92	1.00	1.12	1.24	1.86	0.64
PSI	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.8	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	18	70	69	69	69	69	100	100	100	0
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.0	3.1	3.6	1.7	3.0	2.2	2.5	2.7	1.9	2.1
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	299.25	310.88	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit	92	92	92	96	96	89	88	80	99	98
NSI PCC										
IRI	0.70	0.77	0.80	0.81	0.85	0.88	0.96	1.09	0.66	0.67
PSI	4.4	4.3	4.3	4.3	4.3	4.2	4.2	4.0	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	28	28	30	36	36	52	46	96	0	23
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	1.7	2.9	3.0	1.6	1.8	1.2	2.0	2.4	1.6	1.5
% Over 13mm										
Rut Depth -PL										



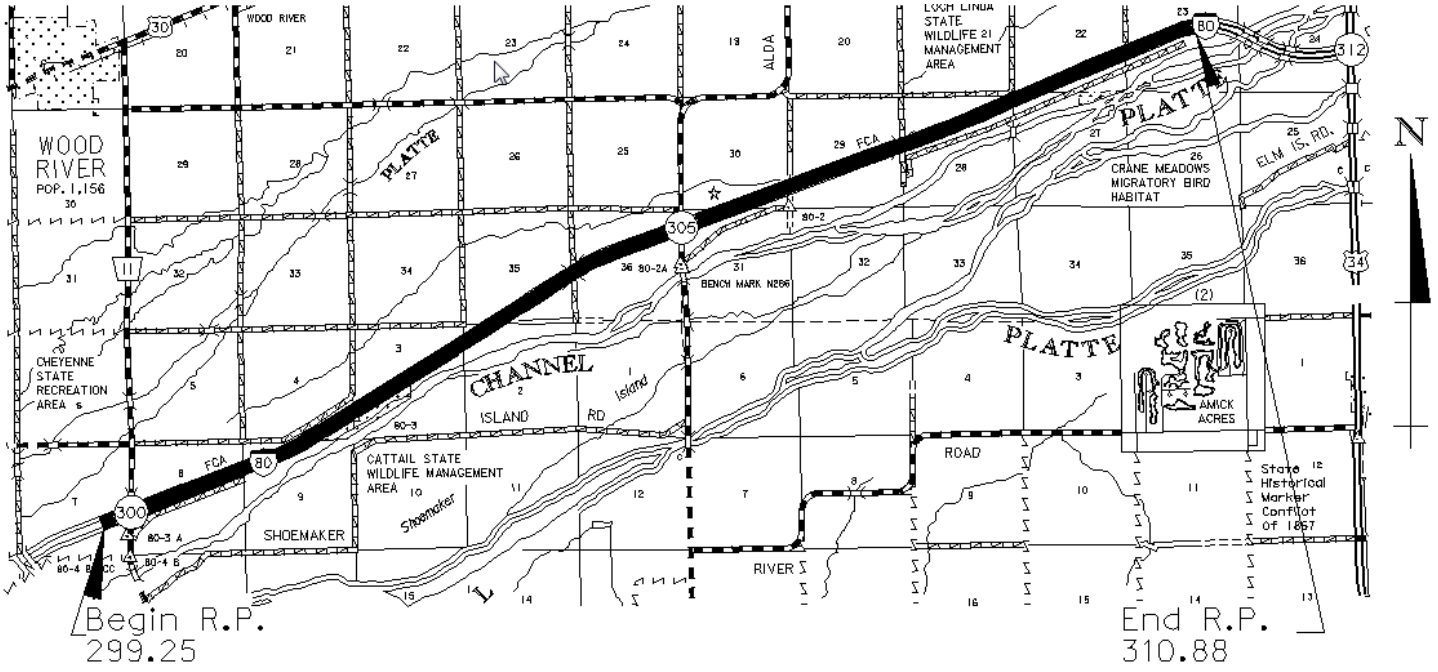
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	299.25 - 310.88	11.63	4	WOOD RIVER-GRAND ISLAND	22672	7930

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-6(6)	24'	46'6"	Wire	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1963	4"	SPH	1999, 2010, 2019

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	1		100.0		100.0	10	2028	2032		
Descending	6	1		100.0		100.0	9	2028	2032		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1999	MILL & INLAY BR CURB	299.370-310.880	41403	EACIM-80-6(58)
2004	FOG SEAL SHLD	299.370-310.880	42325	RD-80-6(1023)
2006	CRACK SEAL	299.380-310.880	42407	RD-80-6(1026)
2010	MILL INLAY	299.250-310.880	42408	IM-80-6(97)
2012	CRACK SEAL	299.250-310.880	42667	IM-80-6(109)
2019	Mill, Resurf, Br Repair	299.380-310.880	42673	NH-80-6(107)
2024	Lower Rdwy for Br Clearance	300.000-300.260	42886	NH-80-6(117)



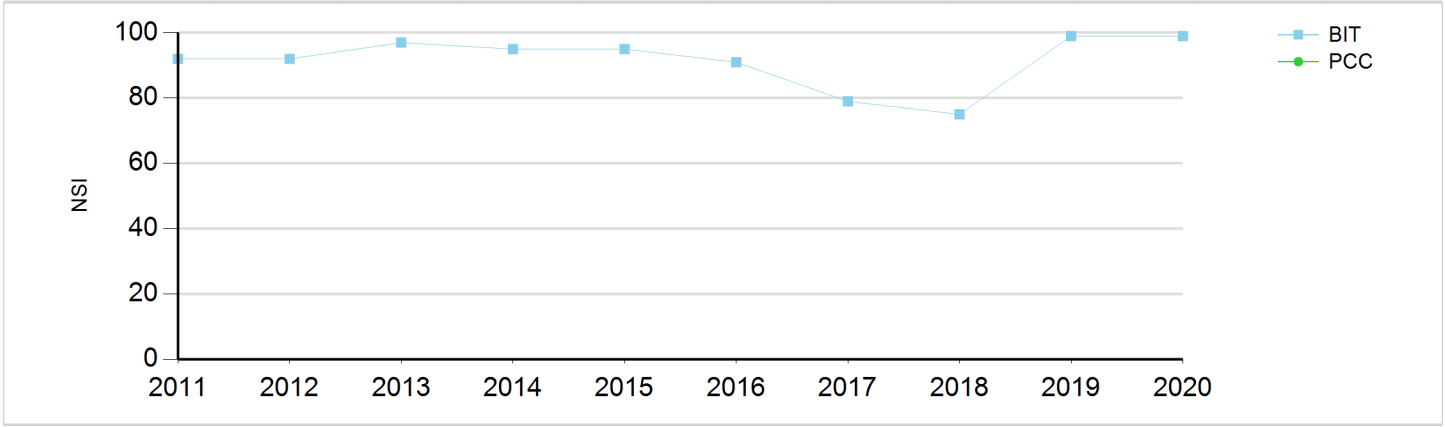
Comments:

2015 ITF - Leave resurface in 2018.
2018 over-programmed. May need to bump resurfacing. Few rough joints but HMA looks ok.
PD asked DE to program rebuild of I80 at Wood River (RP 300) and Alda (RP 305) Interchanges. 80-6(107), Wood R - Platte R, CN 42673 will reduce grade 2" as interim measure to mitigate impacts to girders.
2018 ITF - Limited rebuilds programmed 2024 to fix clearances. DE wants bridge to consider raising bridge vs. rebuilding pavement. Mark T. nervous about one of them. Another High Mast tower to come down.
2019 ITF - Under construction (PCC Rpr). Program crack seal.
2020 ITF - Program Crack Seal 2024
2021 ITF- Need to program a crack seal (2024). Per Wes, the "Lower Roadway for Bridge Clearance" project, CN 42866 may be removed pending measurements.

Pavement Condition History Data

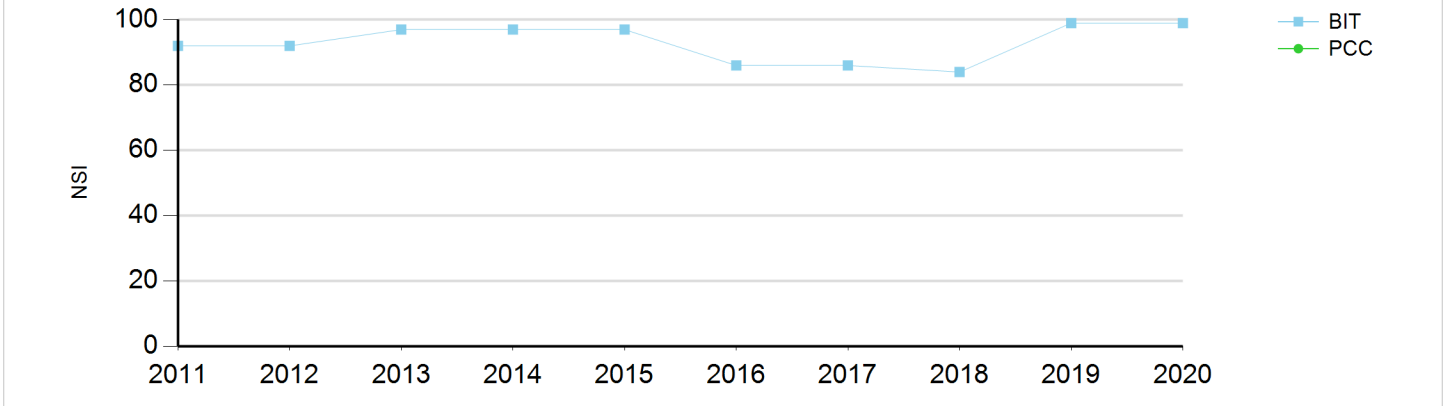
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	310.88	318.58	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	92	92	97	95	95	91	79	75	99	99
NSI PCC										
IRI	0.89	0.91	0.91	1.03	1.08	1.15	1.22	1.39	0.72	0.70
PSI	4.3	4.3	4.3	4.3	4.3	4.3	4.1	4.0	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	51	56	56	74	74	74	100	100	0	6
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.0	2.5	3.4	1.6	2.8	1.4	1.7	2.8	1.6	2.3
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	310.88	318.58	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	92	92	97	97	97	86	86	84	99	99
NSI PCC										
IRI	0.80	0.82	0.87	0.91	0.94	1.00	0.99	0.99	0.65	0.62
PSI	4.4	4.4	4.3	4.3	4.3	4.1	4.1	4.1	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	10	14	17	37	37	70	56	75	0	0
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.2	2.4	3.2	1.7	2.1	2.6	1.4	1.6	1.6	1.8
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	310.88 - 318.58	7.70	4	PLATTE RIVER-PHILLIPS	23598	8026

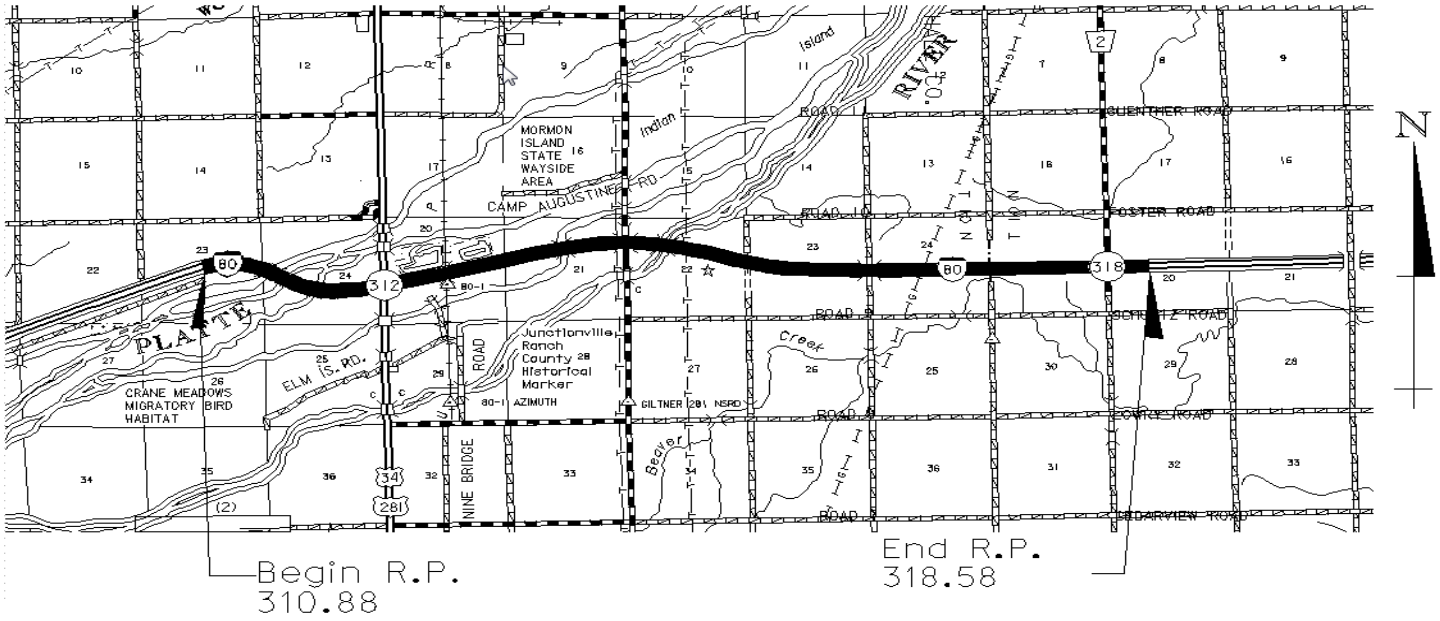
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-7(73)	*24'	13'-18' Random	Tie bars	6" Stabilized Subgrade

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1985	2"	SLX	2008, 2018

*Mainline 24' wide, Concrete 3' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	2	6.0	93.0		100.0	10	2031	2035		
Descending	6	2	6.0	93.0		100.0	10	2031	2035		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1998	CROSSOVERS	312.100-312.110	41450A	IM-80-7(113)
2000	CONC PAVT REPAIR	310.880-312.420	42113	RD-80-6(1018)
2001	CONC REPAIR JT SEAL & GRINDING	310.880-312.320	42115	RD-80-6(1020)
2001	PATCHING JT SEAL	312.630-318.580	41963	RD-80-7(1014)
2002	INTERCHANGE	314.140-314.140	41667	EACIM-STPAA-80-7(100)
2008	RESURF	310.880-318.580	42413	IM-80-6(98)
2012	Crack Seal	310.880-318.580	42668	IM-80-6(110)
2015	Conc Repair Grinding Joint Seal	311.490-312.610	42753	RD-80-6(1044)
2018	Mill, Resurf, Br Repair	310.880-318.580	42674	NH-80-6(108)
2021	High Friction Surf Course	310.180-314.700	42911	HSIP-80-7(170)



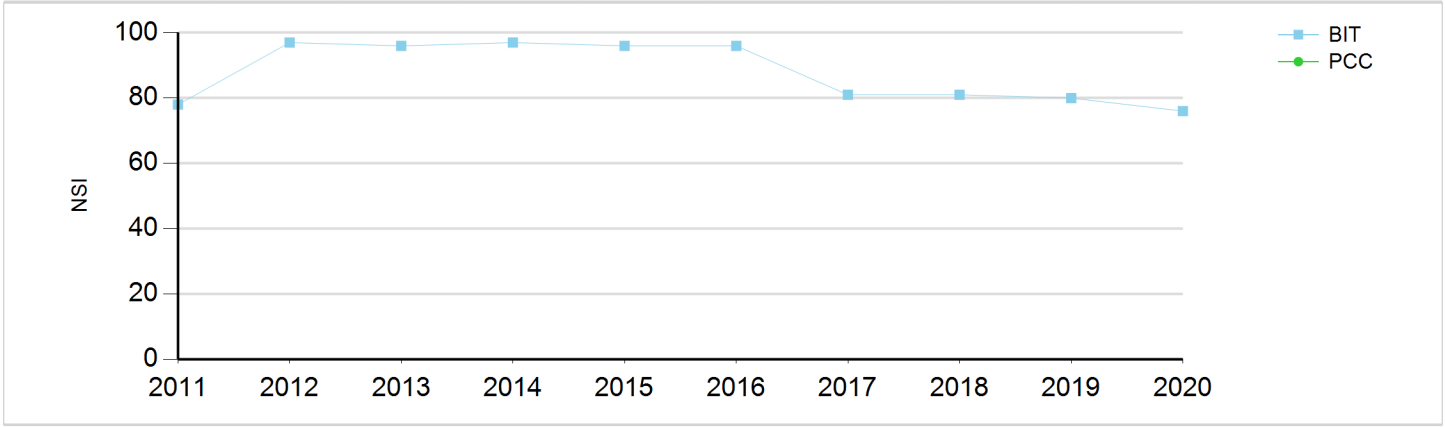
Comments:

2017 ITF - Review ramps for PCC rpr. WB Locust Street off ramp has large long crack to stitch.
2018 ITF - Exit 312 has several high mast towers that have been inspected and need to come down due to cracked base. DE working.
2019 ITF - HMA done. Striping and Rumble strips left to finish. Program Crack Seal 2021.
2020 ITF - Program Crack Seal 2022/2023. Hasn't cracked yet. Hole in in Bridge approach appr. 314.3 WB.
2021 ITF- Need to program a crack seal for 2024. SLX hasn't cracked through yet. Performing well.

Pavement Condition History Data

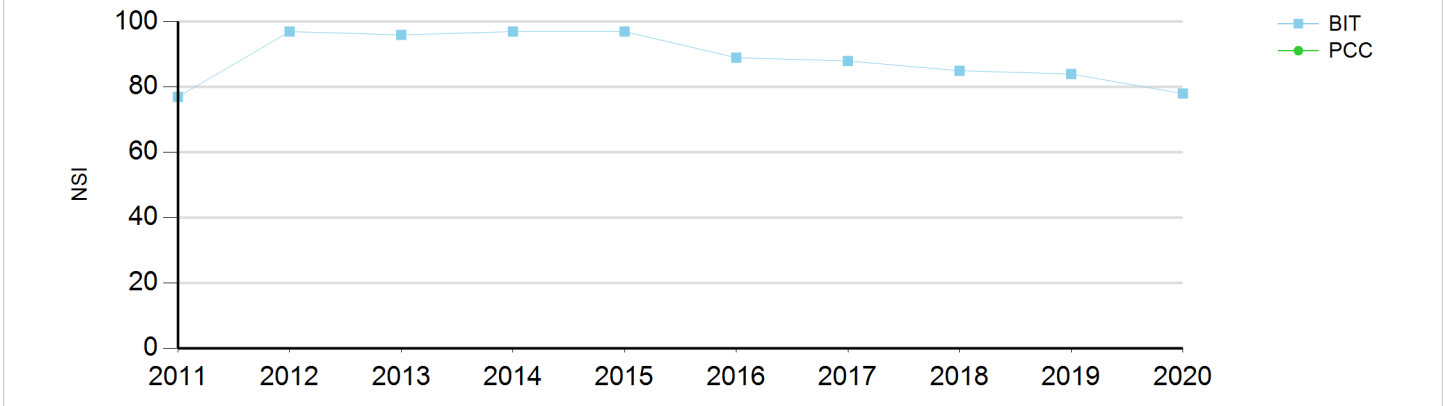
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	318.58	324.55	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	78	97	96	97	96	96	81	81	80	76
NSI PCC										
IRI		0.53	0.62	0.64	0.71	0.73	0.82	0.88	1.06	0.96
PSI	4.2	4.4	4.3	4.3	4.3	4.3	4.2	4.0	3.9	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	70	0	0	35	35	35	67	68	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL		3.6	4.7	3.6	4.4	4.6	5.1	5.7	5.4	5.6
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	318.58	324.55	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit	77	97	96	97	97	89	88	85	84	78
NSI PCC										
IRI		0.59	0.68	0.67	0.71	0.79	0.77	0.92	1.00	1.01
PSI	4.2	4.4	4.3	4.3	4.3	4.2	4.2	4.0	3.9	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	70	0	9	35	35	67	35	100	95	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL		3.5	4.3	3.6	3.5	2.0	4.9	5.2	5.8	5.7
% Over 13mm										
Rut Depth -PL										



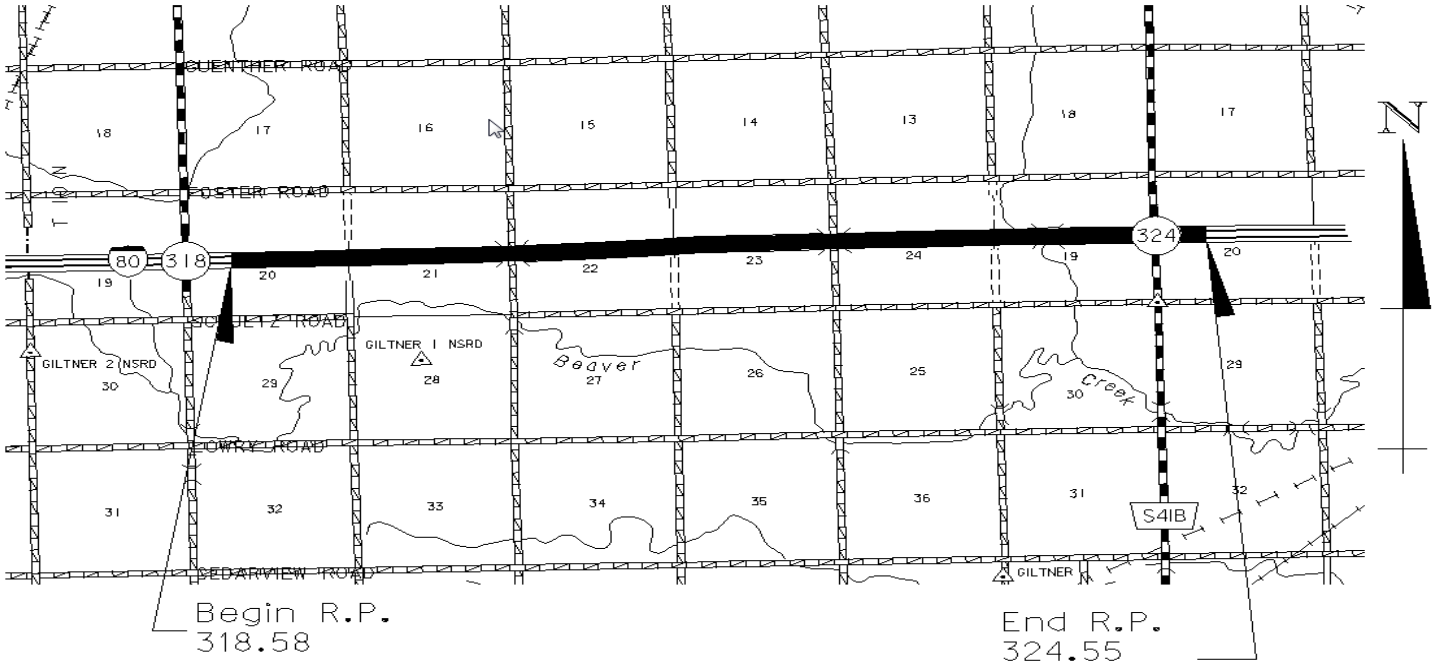
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	318.58 - 324.55	5.97	4	PHILLIPS-GILTNER	24216	7976

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-7(23)	24'	46'6"	Wire	4" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1965	2"	SP5(0.5 &12.5)	2000, 2011

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	9		100.0		100.0	7	2022	2026		
Descending	6	9		100.0		100.0	8	2023	2027		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1991	JOINT REPAIR RESURF	318.570-324.600	41258	IR-80-7(76)
1995	MILL & INLAY	318.620-324.550	41844	RD-80-6(1008)
2000	MILL RESURF	318.580-324.550	41398	EACIM-80-7(86)
2012	MILL RESURF	318.580-324.550	42415	IM-80-7(151)
2014	Crack Seal	318.580-324.540	42675	RD-80-7(1032)
2023	Mill, Resurf, Br Repair	318.580-324.550	42791	NH-80-7(163)



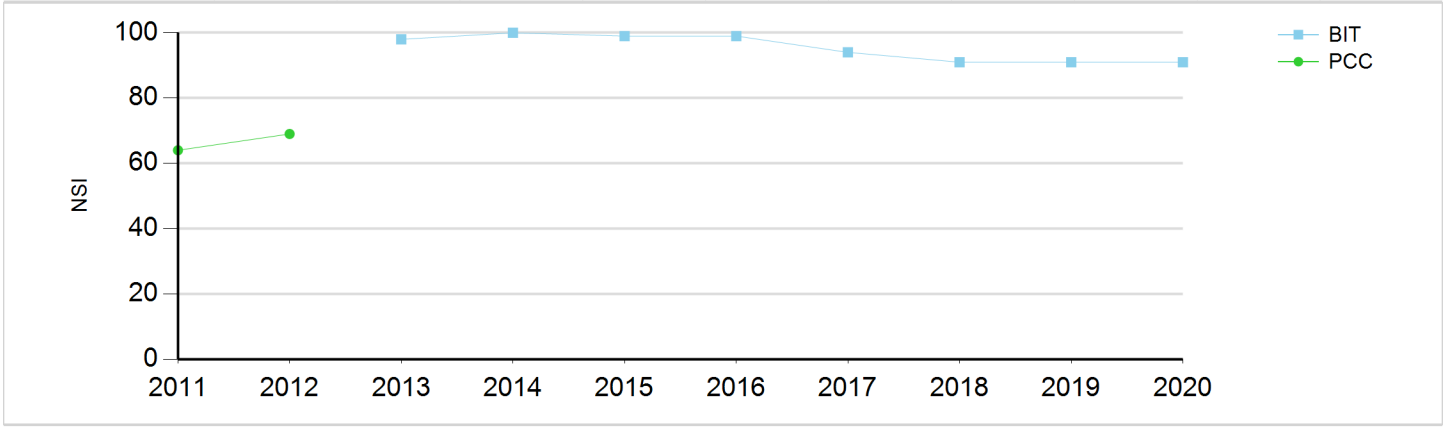
Comments:

Jan 2016. Changed 2019 crack seal to resurfacing. Rebuild not until 2033.
2018 ITF. In good shape. Could swap w/worse segment, CN 42732. Swapped w/42732 in 2023.
2020 ITF - Joints getting rough. Keep in 2023. CL starting to open up.
2021 ITF- Joints are rough CL joint opening up. Keep resurfacing project in 2023.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	324.55	329.06	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit			98	100	99	99	94	91	91	91
NSI PCC	64	69								
IRI	1.38	1.61	0.66	0.67	0.70	0.76	0.79	0.80	0.87	0.87
PSI			4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.2
Crkng Index BIT										
Slab Distrs PCC	10	10								
#TC BIT			0	0	1	1	78	79	79	79
%Bad Jnts PCC	10	0								
Faulting	1.43	1.57								
Rut Depth -DL			3.5	1.4	3.6	0.9	1.7	2.0	1.4	2.0
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	324.55 - 329.06	4.51	4	GILTNER EAST	11970	3960

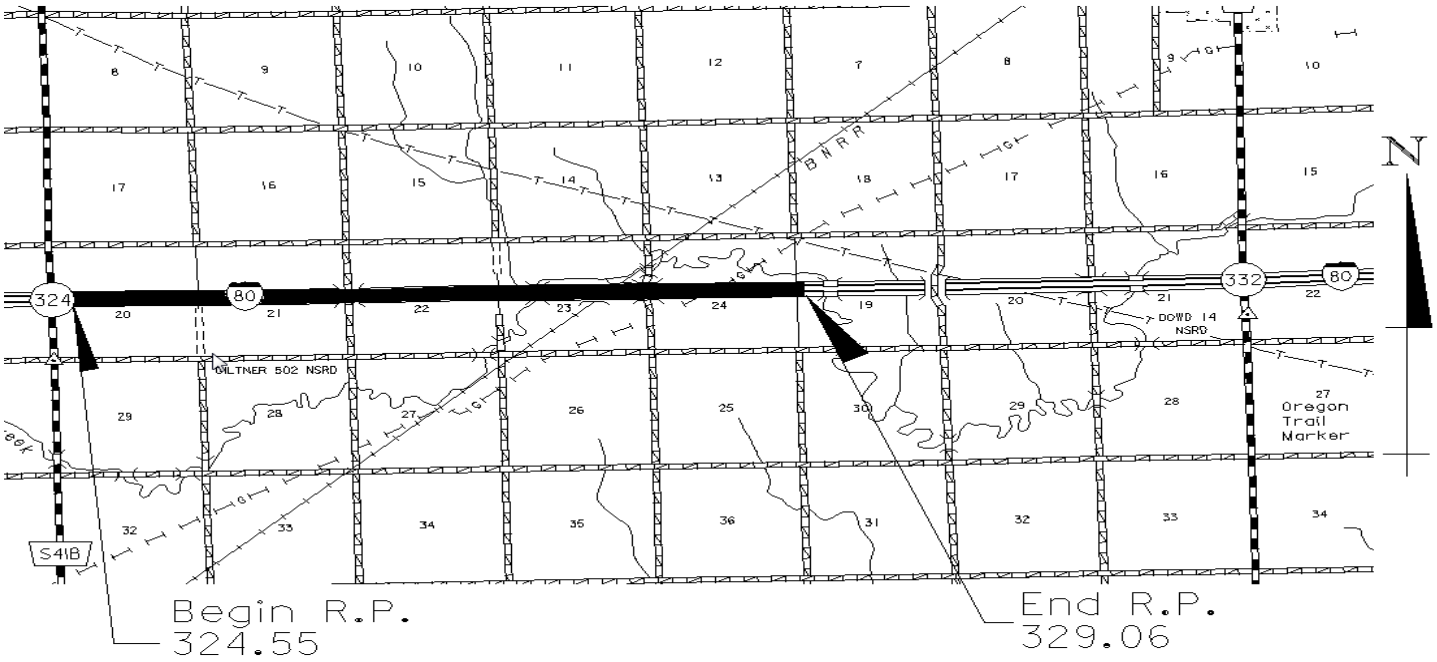
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-7(68)	*24'	19' Random	Tie bars	-- --

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	1983	3"	SP5	2013

*Mainline 24' wide, Concrete 4' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	7		100.0		100.0	8	2027	2031		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2004	JOINT SEAL PVMT REPAIR GRINDING	324.540-329.230	41777	RD-80-7(1006)
2012	RESURF BR REPAIR	324.530-329.050	42630	IM-80-7(158)
2017	Crack Seal	324.550-329.230	42755	NH-80-7(164)
2022	Mill, Resurf, Br Repair	324.550-329.060	42888	NH-80-7(169)



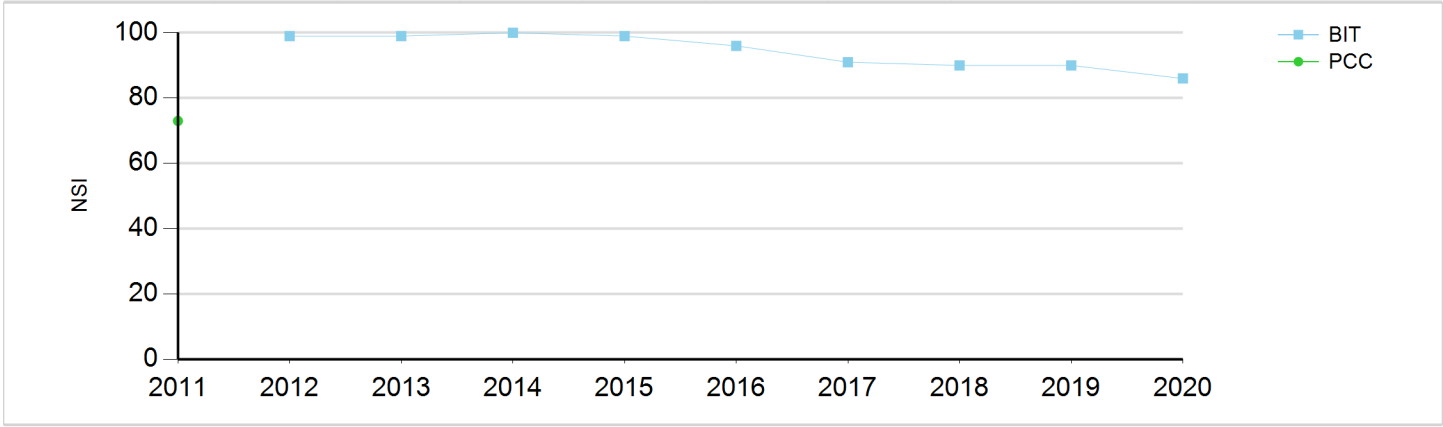
Comments:

2015 ITF - Don't see many cracks.
LTPP test section (WB only?)dec018 ITF - Moisture showing in cracks and CL. Rest of surface in good shape. May need to consider thin lifts on some of these segment s in future. Or fog seal. Added resurface in 2022.
2018 ITF - Note to Bridge - significant spalling on bridges at 328, Co. Rd & RR. Look at deck repair and sealer. HMA overlay would affect spray system.
2020 ITF - Looks good. Keep in 2022. CL starting to open up. Joints are smooth.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	324.55	329.23	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit		99	99	100	99	96	91	90	90	86
NSI PCC	73									
IRI	2.05	0.71	0.67	0.62	0.64	0.67	0.66	0.71	0.77	0.77
PSI		4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.1
Crkng Index BIT										
Slab Distrs PCC	8									
#TC BIT		0	0	0	0	13	76	96	96	97
%Bad Jnts PCC	0									
Faulting	0.69									
Rut Depth -DL		1.7	2.5	1.3	1.6	1.2	1.2	1.6	1.8	1.6
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	324.55 - 329.23	4.68	4	GILTNER EAST	11970	3960

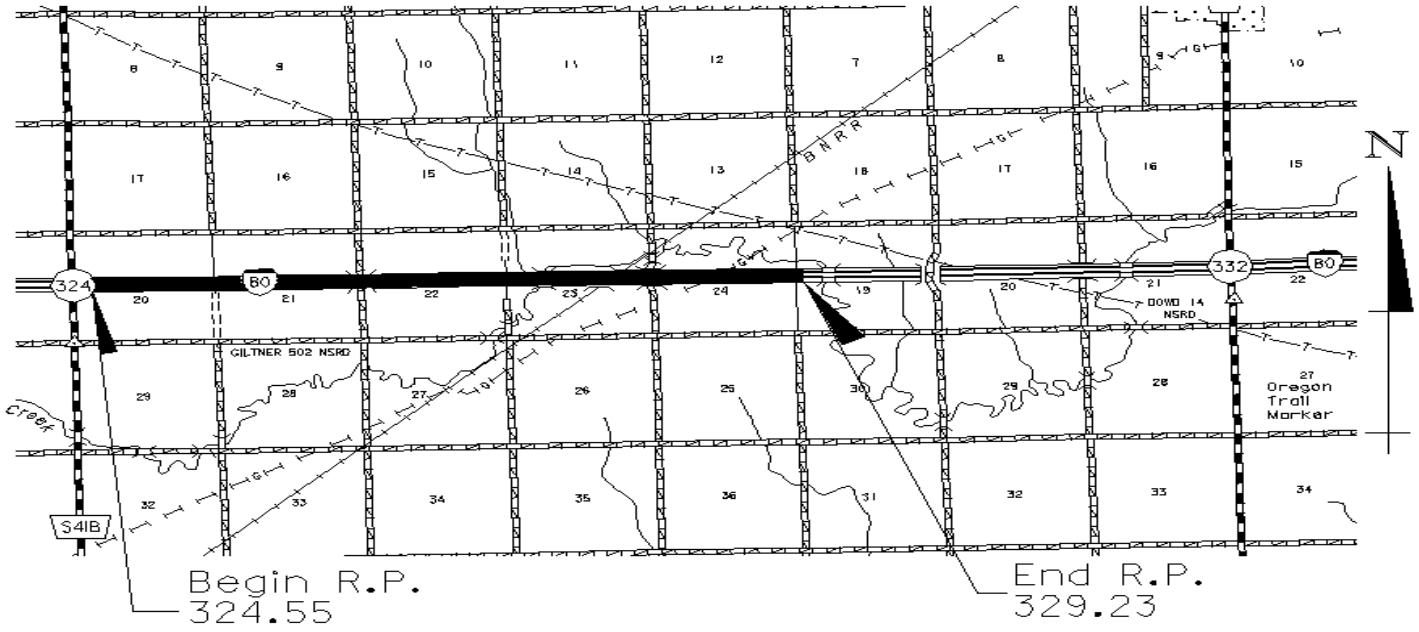
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IR-80-7(72)	*24'	18' Random	Tie bars	-- --

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1985	3"	SP5	2013

*Mainline 24' wide, Concrete 3' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	6			100.0		100.0	7	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2004	JOINT SEAL PVMT REPAIR GRINDING	324.540-329.230	41777	RD-80-7(1006)
2012	RESURF BR REPAIR	324.530-329.050	42630	IM-80-7(158)
2017	Crack Seal	324.550-329.230	42755	NH-80-7(164)
2022	Mill, Resurf, Br Repair	324.550-329.060	42888	NH-80-7(169)



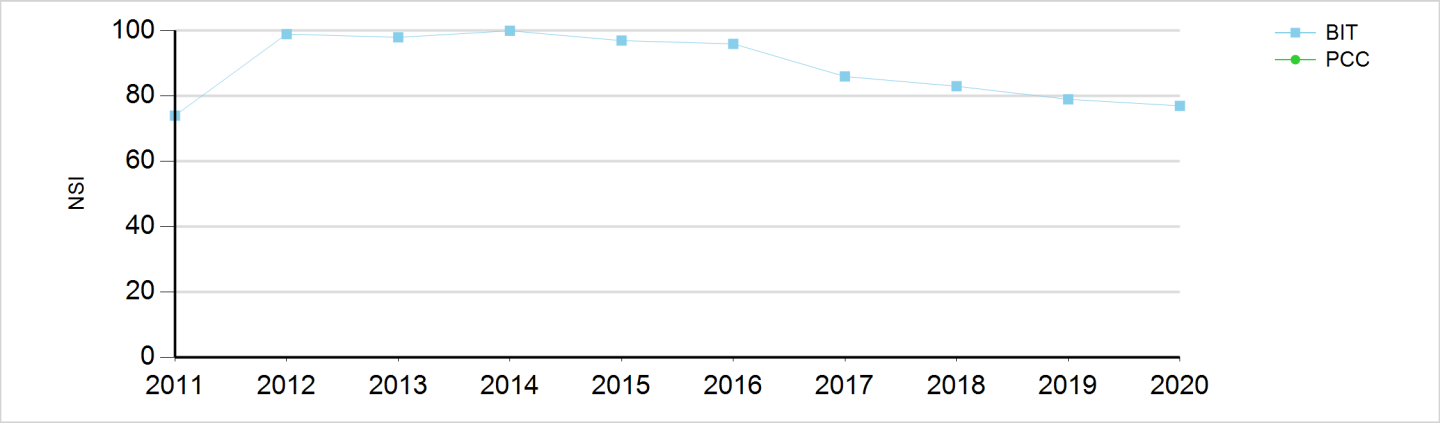
Comments:

2015 ITF - Don't see many cracks.
LTPP test section (WB only?)dec018 ITF - Moisture showing in cracks and CL. Rest of surface in good shape. May need to consider thin lifts on some of these segment s in future. Or fog seal. Added resurface in 2022.
2018 ITF - Note to Bridge - significant spalling on bridges at 328, Co. Rd & RR. Look at deck repair and sealer. HMA overlay would affect spray system.
2020 ITF - Looks good, keep in 2022. CL starting to open up. Joints are smooth.
2021 ITF- Maintenance performing CL joint patching during trip. Keep programmed for 2022. CL showing distress.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	329.06	337.63	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	74	99	98	100	97	96	86	83	79	77
NSI PCC										
IRI	1.05	0.51	0.57	0.60	0.67	0.73	0.81	0.93	1.13	1.11
PSI	4.1	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	70	0	7	9	19	22	49	42	72	72
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.7	1.9	2.9	1.3	2.6	1.0	1.5	2.0	1.4	2.0
% Over 13mm										
Rut Depth -PL										



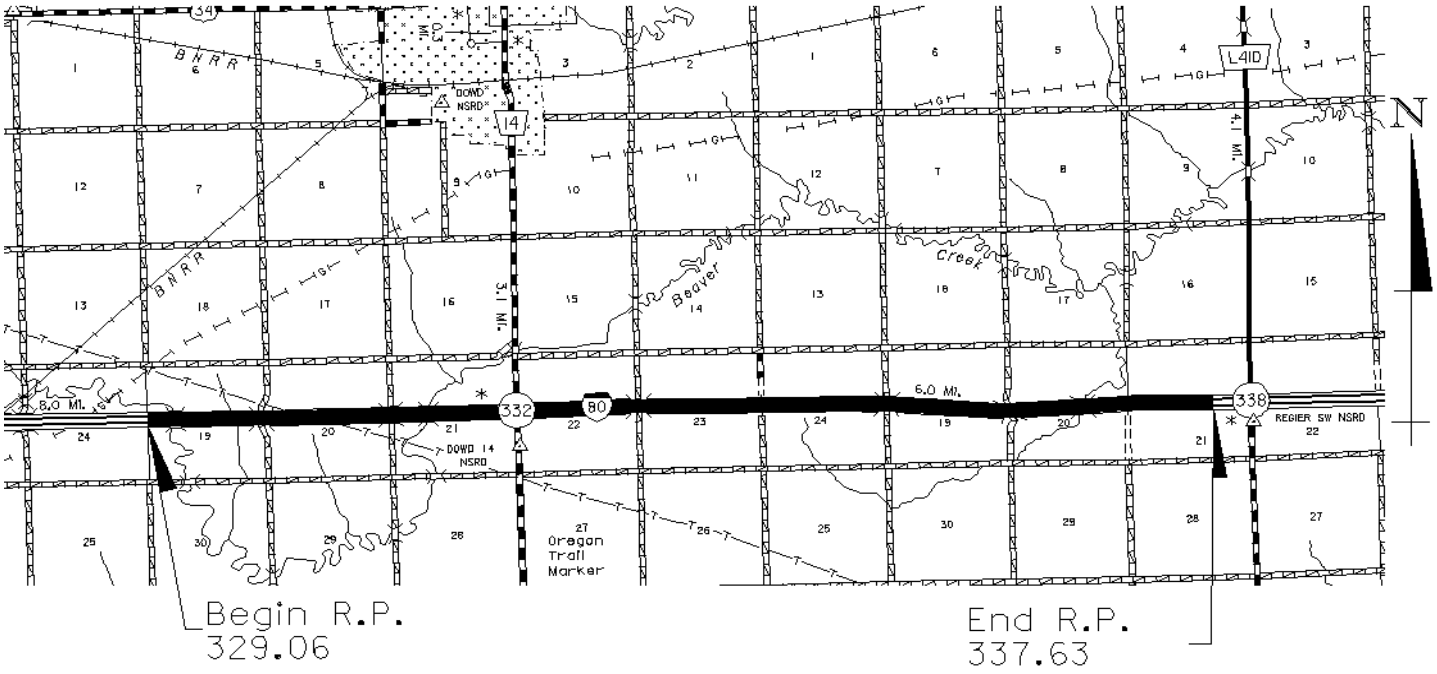
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	329.06 - 337.63	8.57	4	AURORA WEST AND EAST	12183	3987

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-7(19)	24'	46' 6"	Wire	4" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1966	4"	SP5	1994, 2000, 2012

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	8		100.0		100.0	8	2023	2027		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1994	MILL RESURF	329.060-337.650	41686	RD-80-7(1003)
1996	CRACK SEALING	329.060-337.660	41898	IM-80-7(1010)
2000	MILL RESURF S-SHLD	329.060-337.650	41394	EACIM-80-7(84)
2015	Crack Seal	329.060-337.650	42676	RD-80-7(1033)
2020	Mill, Resurf, Br Repair	329.060-337.620	42732	NH-80-7(161)

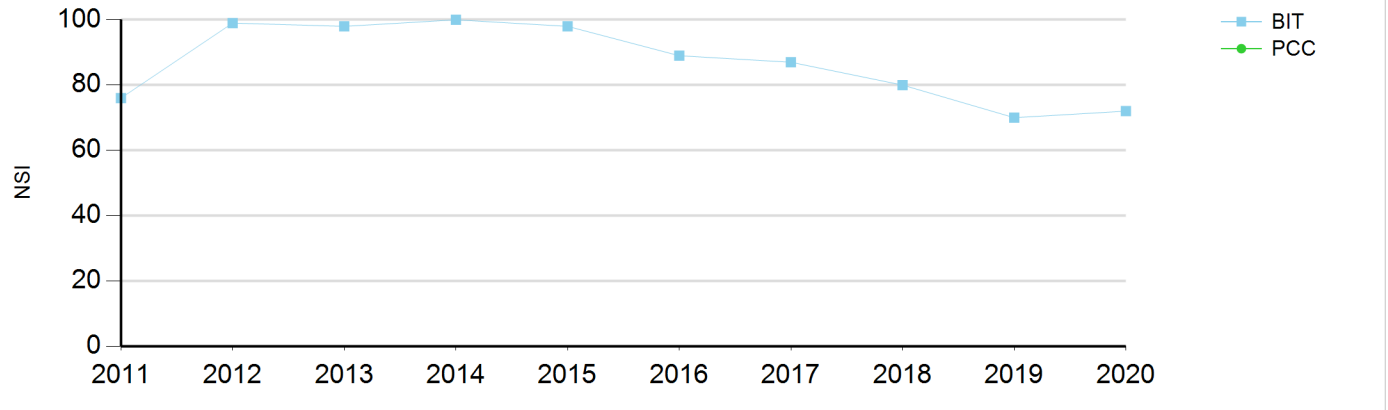


Comments:

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	329.23	337.63	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	76	99	98	100	98	89	87	80	70	72
NSI PCC										
IRI	1.00	0.50	0.55	0.57	0.62	0.67	0.70	0.80	0.88	0.95
PSI	4.1	4.4	4.4	4.4	4.4	4.2	4.4	4.3	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	57	0	2	6	70	70	58	94	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.4	1.9	2.7	1.4	1.6	1.5	1.6	1.9	2.3	2.2
% Over 13mm										
Rut Depth -PL										



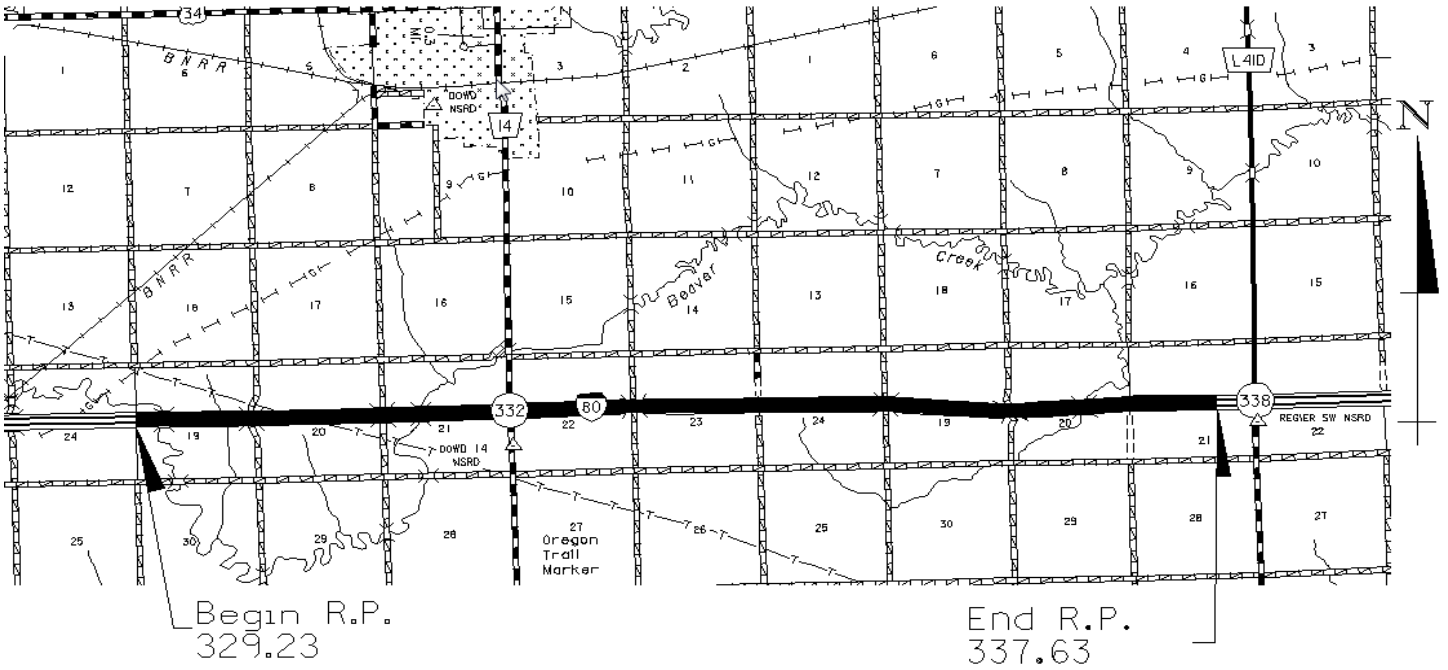
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	329.23 - 337.63	8.40	4	AURORA WEST AND EAST	12187	3987

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-7(19)	24'	46' 6"	Wire	4" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1966	4"	SP5	1994, 2000, 2012

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	6			100.0		100.0	7	2021	2025		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1994	MILL RESURF	329.060-337.650	41686	RD-80-7(1003)
1996	CRACK SEALING	329.060-337.660	41898	IM-80-7(1010)
2000	MILL RESURF S-SHLD	329.060-337.650	41394	EACIM-80-7(84)
2012	MILL RESURF	329.060-337.650	42416	IM-80-7(152)
2015	Crack Seal	329.060-337.650	42676	RD-80-7(1033)
2020	Mill, Resurf, Br Repair	329.060-337.620	42732	NH-80-7(161)



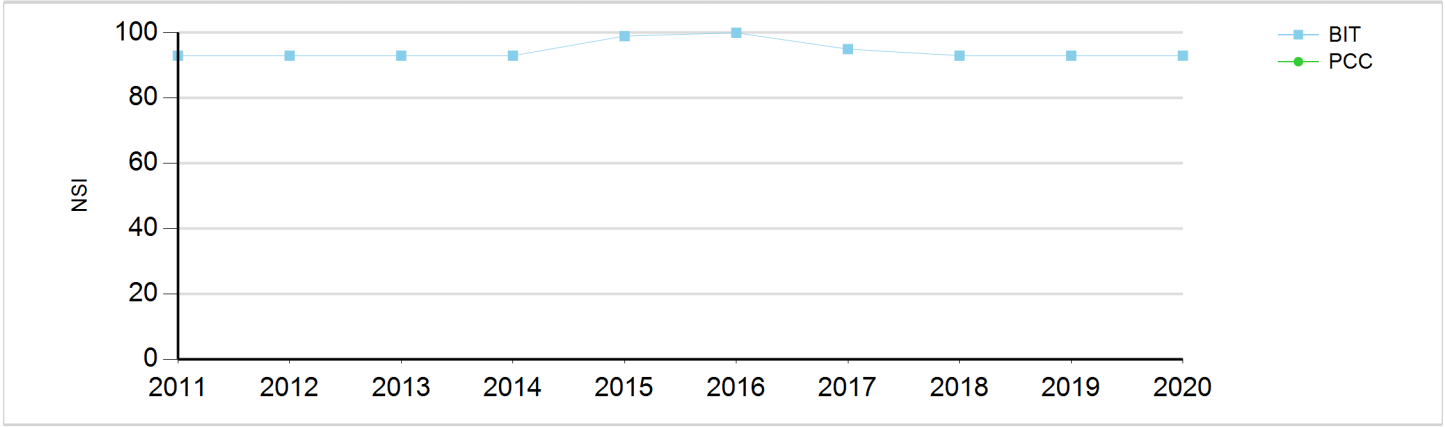
Comments:

2018 ITF Double cracks at CL, bad joints, wont make 2023. Move up.
Swapped w/42791 in 2020.
2019 ITF - Keep in 2020. CL double cracking is getting bad.
2020 ITF - Lot of Mastic in CL joint. Let May 2020.
2021 ITF- Fresh repairs from last year/ this year. Construction this season.

Pavement Condition History Data

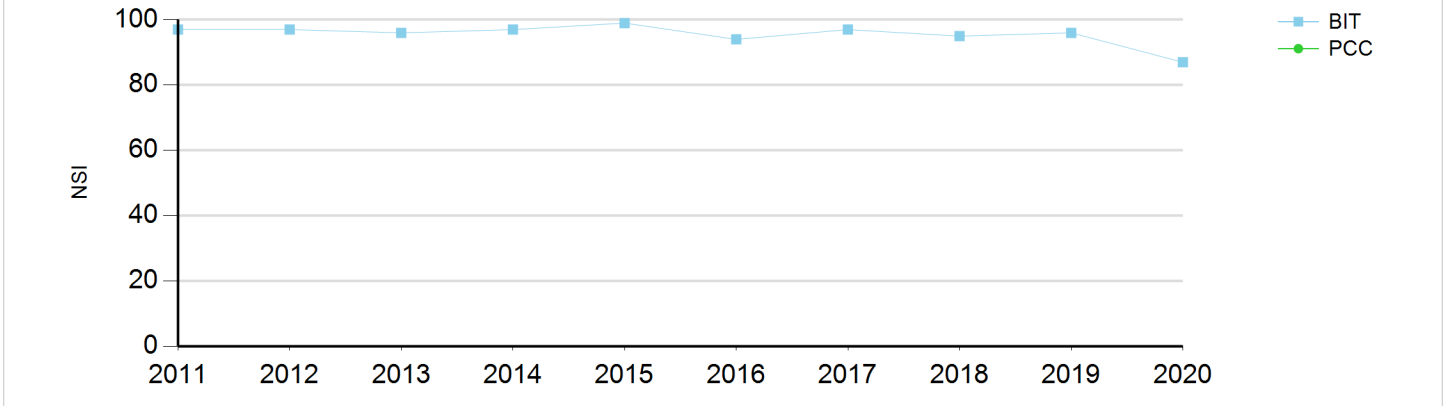
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	337.63	341.68	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	93	93	93	93	99	100	95	93	93	93
NSI PCC										
IRI	0.96	0.95	0.99	1.36	0.59	0.62	0.66	0.71	0.79	0.80
PSI	4.3	4.3	4.3	4.2	4.4	4.4	4.4	4.4	4.4	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	21	21	21	21	0	2	6	22	22	22
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.5	3.5	4.4	1.7	2.1	1.1	1.6	1.6	1.3	1.7
% Over 13mm			0.9							
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	337.63	341.68	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	97	97	96	97	99	94	97	95	96	87
NSI PCC										
IRI	0.56	0.61	0.63	0.62	0.54	0.57	0.57	0.58	0.60	0.62
PSI	4.4	4.4	4.3	4.4	4.4	4.4	4.4	4.3	4.3	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	24	24	24	24	0	10	10	100	83	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	1.5	2.6	3.4	1.7	1.8	1.1	1.4	1.5	1.8	1.7
% Over 13mm	0.1	0.4	0.7							
Rut Depth -PL										



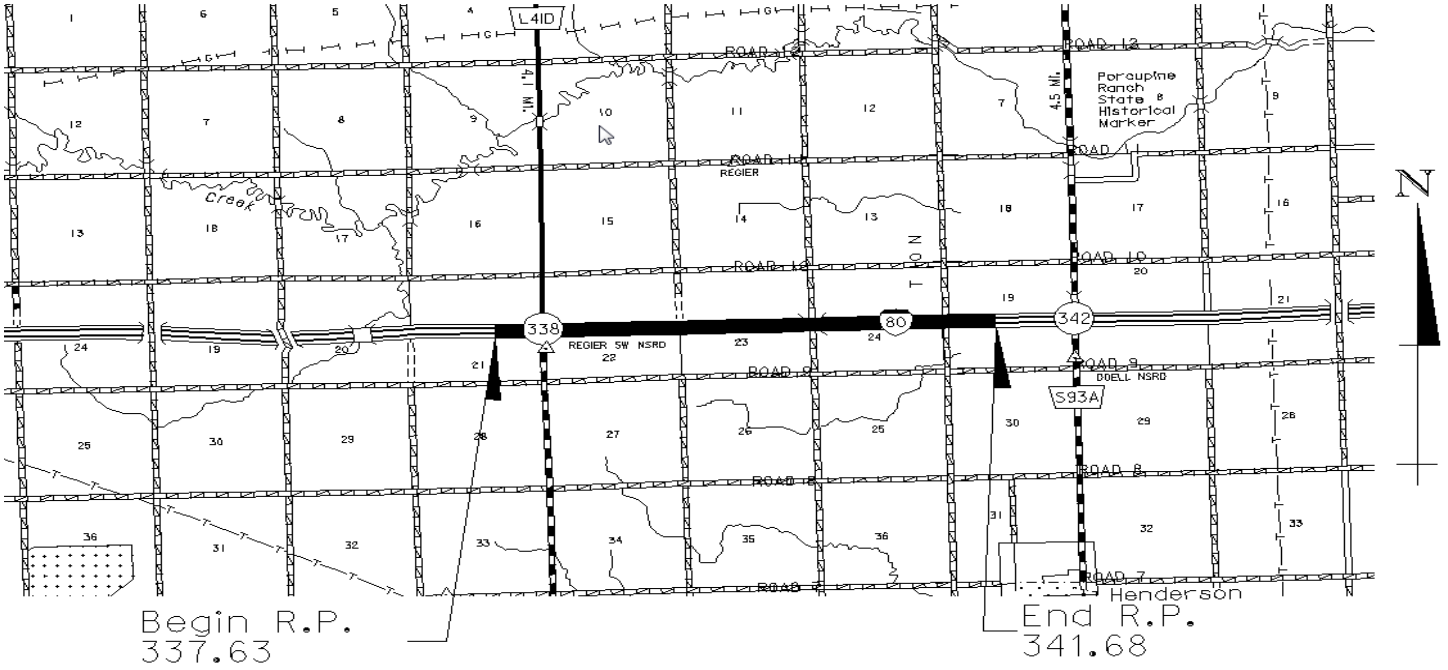
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	337.63 - 341.68	4.05	4	HAMPTON-HENDERSON	24574	8000

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-7(14)	24'	46' 6"	Wire	4" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1966	4.5"	SPH	1994, 2004, 2009, 2015

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	5		100.0		100.0	9	2028	2032		
Descending	6	5		100.0		100.0	8	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1998	MILL & INLAY	337.650-341.680	41401	EACIM-80-7(88)
2004	MILL, INLAY	337.630-341.660	42195	EACIM-80-7(117)
2008	MILL INLAY	337.650-341.680	42526	RD-80-7(1030)
2010	MILL INLAY	337.630-341.680	42561	IM-80-7(157)
2011	CRACK SEAL	337.650-341.680	42412	RD-80-7(1027)
2014	Mill, Resurf	337.630-341.680	42514	IM-80-7(155)
2018	Crack Seal	337.630-359.720	42677	NH-80-7(165)
2021	Mill, Resurf, Br Repair	337.650-344.960	42841	NH-80-7(166)



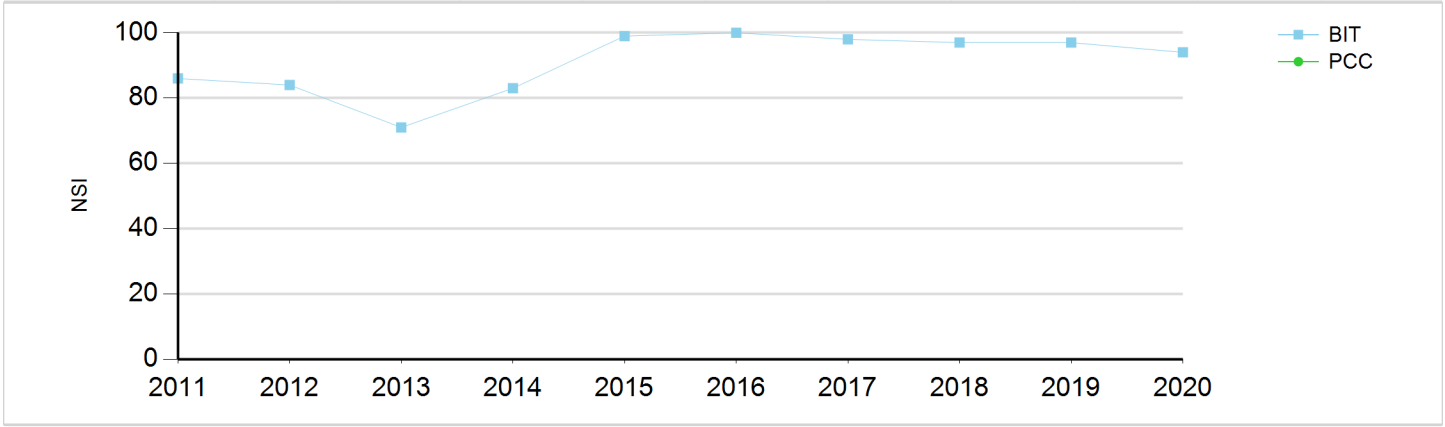
Comments:

2016 PM Conf - Jerry Grooms stated they over-ran PCC repair quantities by $1M. Concrete crumbled on either side of repairs.
Jun 2016 - Asked PD to split 22 mile Hampton - Waco CN 42841 resurfacing in 2022 into 3 projects at Wes's request. Lost half of crew last round due to night work. 337.63 - 345 in 21, 345 - 352 in 2022, 352 - 359.72 in 2023).
2017 ITF - CN 42841 not split yet. Mark F. Will check on.
May 2017 - Review strategy on next ITF. Currently M3/F4" both lanes. Previous job was M/F 1.5" DL & M/F 4.5" PL in 2015 (337.63-341.68) or M4"/F4" DL & M2"/F2" PL (341.68-345.00) Perpetuate different strategies or make it uniform? 4.5" of SPH will only be 6 yrs old.
Current PD is M3"/F4" everywhere. Consider moving back a few years. Rebuild currently in 2033.
2019 ITF - West suggested On-Call PCC repair contract.
2020 ITF - Good shape. Bump back in favor of D1?
2021 ITF - Project let 2021.

Pavement Condition History Data

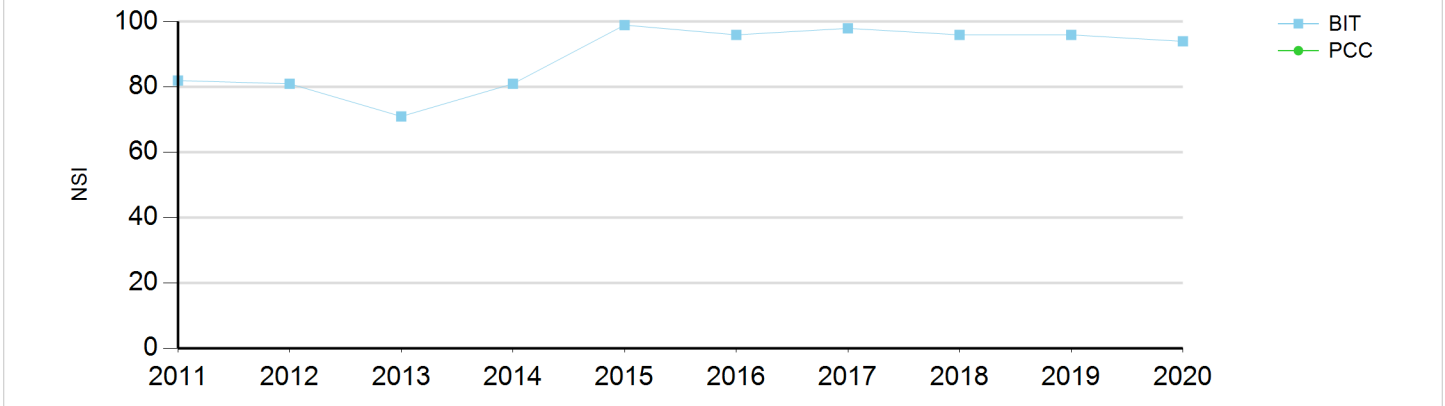
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	341.68	359.72	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	86	84	71	83	99	100	98	97	97	94
NSI PCC										
IRI	1.01	1.04	1.10	1.19	0.55	0.60	0.63	0.66	0.76	0.73
PSI	4.2	4.1	4.0	4.1	4.4	4.4	4.4	4.3	4.3	4.2
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	23	23	23	28	0	0	2	35	42	42
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	5.8	6.2	8.5	5.7	1.9	1.6	2.6	2.9	2.8	3.4
% Over 13mm	0.3	0.9	7.0							
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	341.68	359.72	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	82	81	71	81	99	96	98	96	96	94
NSI PCC										
IRI	1.04	1.11	1.22	1.22	0.52	0.57	0.58	0.61	0.66	0.68
PSI	4.2	4.1	3.9	4.0	4.4	4.4	4.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	30	30	30	40	0	10	10	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	5.3	6.4	8.9	6.5	2.1	1.2	2.1	2.2	2.6	2.6
% Over 13mm	0.2	0.6	8.5							
Rut Depth -PL										



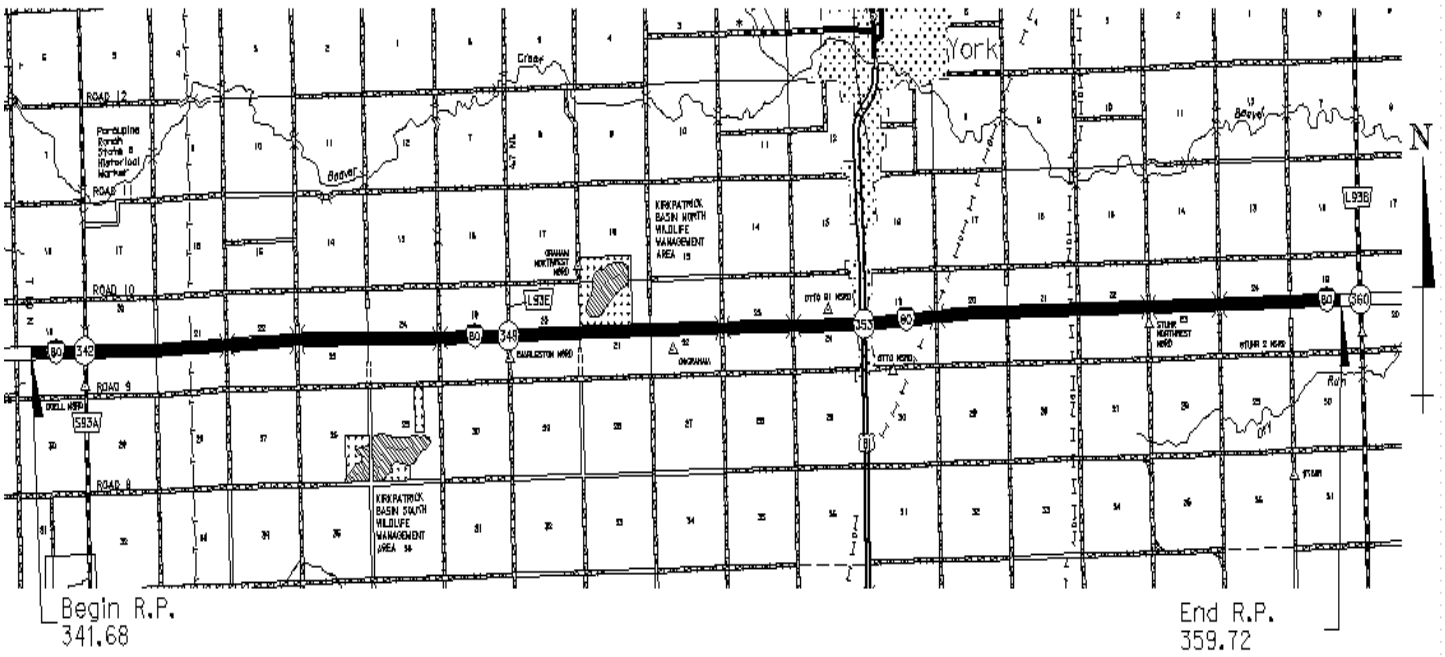
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	341.68 - 359.72	18.04	4	HENDERSON-WACO	25676	8152

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-7(32)	24'	46' 6"	Wire	3.5" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1966	4"	SPH	1996, 2003, 2015

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	5		100.0		100.0	9	2028	2032		
Descending	6	5		100.0		100.0	8	2029	2033		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1998	CRACK SEALING	341.680-359.720	41959	RD-80-7(1012)
2003	MILL, INLAY, INCL. SHLD	341.670-359.720	42194	EACIM-80-7(116)
2005	CRACK SEAL	341.670-365.140	12706	RD-80-8(1027)
2009	CRACK SEAL	341.680-359.720	42410	RD-80-7(1026)
2013	Mill, Resurf (FY13 Carryover)	341.680-359.720	42515	IM-80-7(156)
2018	Crack Seal	337.630-359.720	42677	NH-80-7(165)
2021	Mill, Resurf, Br Repair	337.650-344.960	42841	NH-80-7(166)
2022	Mill, Resurf	344.960-352.000	42841A	NH-80-7(167)
2023	Mill, Resurf, Br Repair	352.000-359.720	42841B	NH-80-7(168)



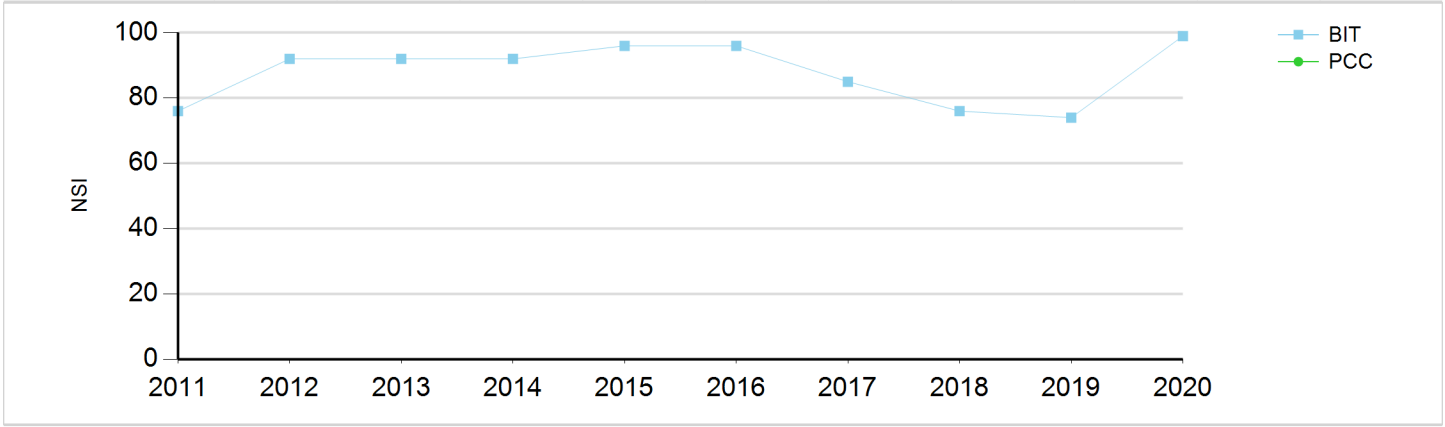
Comments:

CL joint high on this and previous segment EB, RP 337.63 - 359.72. Plows damaging CL and outside joint.
Some repairs showing damage but HMA spalls were filled w/HMA per Wes.
Wes does not want crack seal work done at night.
M&R assuming GI is cut off for night work resurfacing on I80. No answer from traffic.
2017 ITF - Wes considering expanded shale test on I80 near Minden.
2018 ITF - Good shape. Maybe push to get D1 projects sooner.
2019 ITF - Good shape, could push if necessary.
2020 ITF - Good shape. Keep in 2023 for now. Fix RP of CN 42841 from 344.96 to 345. Could potentially bump all one year if there is a worse section.
2021 ITF - 352-359.72 looks good, a few joints need addressed. CL looks good. West suggest making a resurfacing & bridge project two years to allow for bridge work first and paving after to avoid conflicts.

Pavement Condition History Data

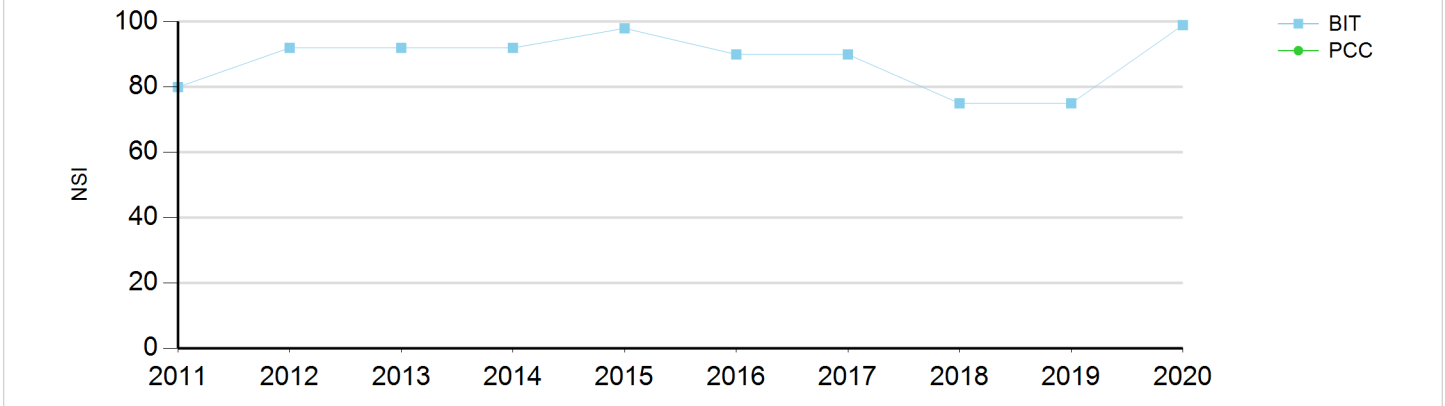
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	359.72	365.14	4	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										
NSI Bit	76	92	92	92	96	96	85	76	74	99
NSI PCC										
IRI	1.07	0.60	0.66	0.69	0.75	0.81	0.87	0.96	1.14	0.63
PSI	4.1	4.4	4.4	4.4	4.3	4.4	4.2	4.0	4.0	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	42	0	0	5	41	41	100	100	100	0
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.5	2.9	3.6	1.6	3.0	1.2	2.1	2.5	2.1	1.9
% Over 13mm										
Rut Depth -PL	2.0									



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	359.72	365.14	4	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										
NSI Bit	80	92	92	92	98	90	90	75	75	99
NSI PCC										
IRI	1.01	0.72	0.76	0.80	0.84	0.89	0.91	1.00	1.08	0.64
PSI	4.1	4.4	4.3	4.4	4.3	4.2	4.2	4.1	4.0	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	43	0	0	2	13	23	34	100	100	0
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.2	3.1	4.6	2.4	2.9	4.7	2.2	2.4	2.7	2.0
% Over 13mm										
Rut Depth -PL										



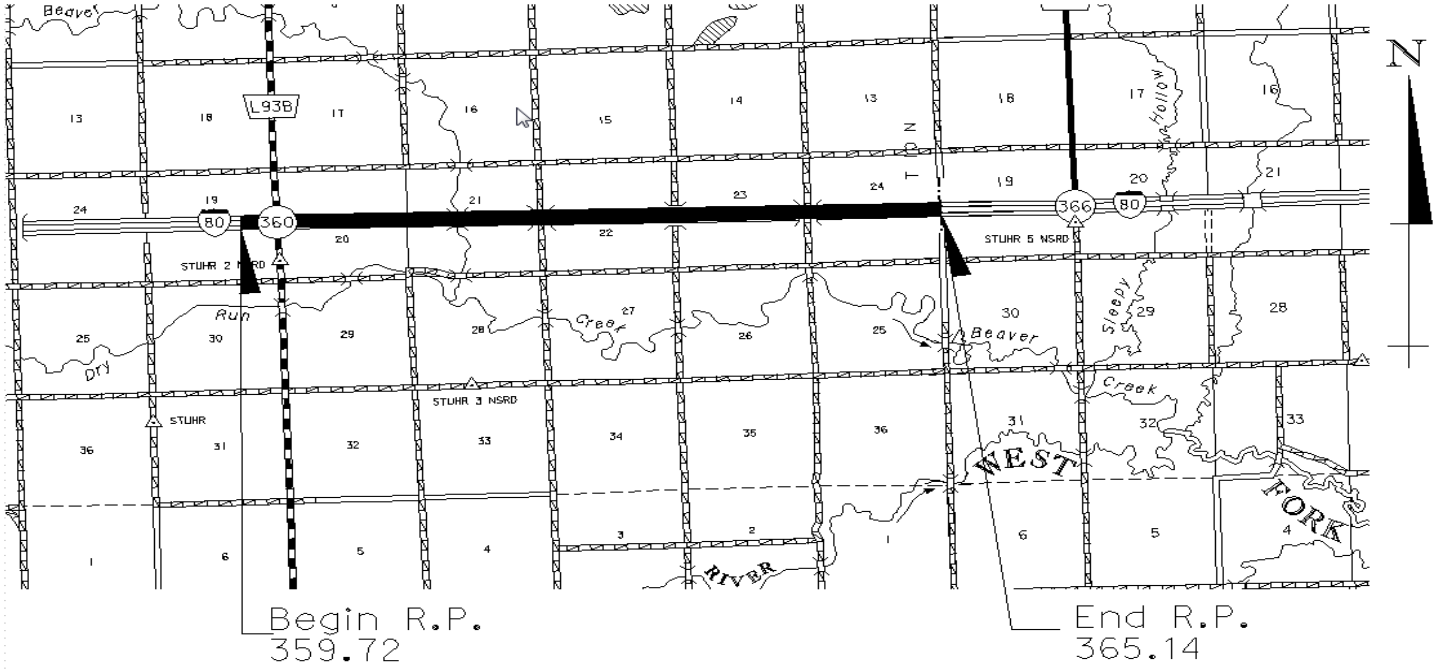
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	359.72 - 365.14	5.42	4	WACO-UTICA	27386	8364

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-7(30)	24'	46' 6"	Wire	3.5" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1966	4"	SP5	1994, 2003, 2012

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6		1.0	98.0		100.0	7	2031	2035		
Descending	6		1.0	98.0		100.0	10	2031	2035		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1994	MILL & RESURF	359.720-365.140	41764	RD-80-8(1007)
1996	CRACK SEALING	359.720-365.140	12152	RD-80-8(1010)
2002	MILL, INLAY, INCL. SHLD	359.750-381.710	12563	EACIM-80-8(101)
2005	CRACK SEAL	341.670-365.140	12706	RD-80-8(1027)
2009	CRACK SEAL FOG SEAL	359.720-365.140	42509	RD-80-8(1033)
2012	MILL INLAY	359.720-365.140	42516	IM-80-8(144)
2015	Crack Seal	359.720-365.140	42679	RD-80-8(1037)
2020	Mill, Resurf, Br	359.720-365.140	42792	NH-80-8(157)



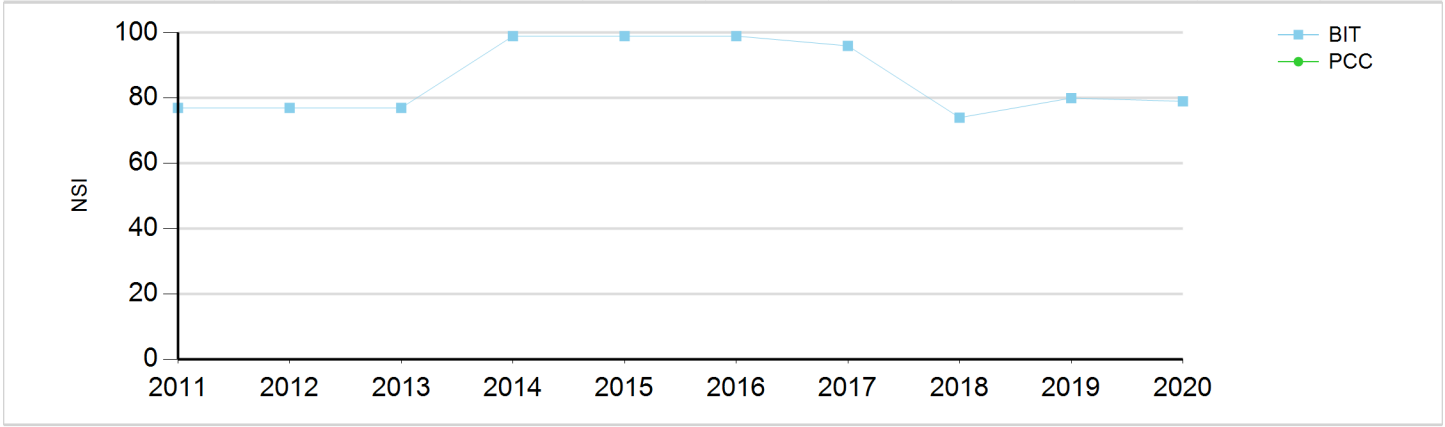
Comments:

2017 ITF - Wes would like bridges overlayed w/CN 42792 to smooth transition.
2018 ITF - Cont. wheelpath cracks WB passing lane. Driving lane better. Keep in 2020. Was last resurfacing different between lanes?
2020 ITF - Cones up to begin resurfacing.
2021 ITF- Mill/Fill last year. Program a crack seal for 2025

Pavement Condition History Data

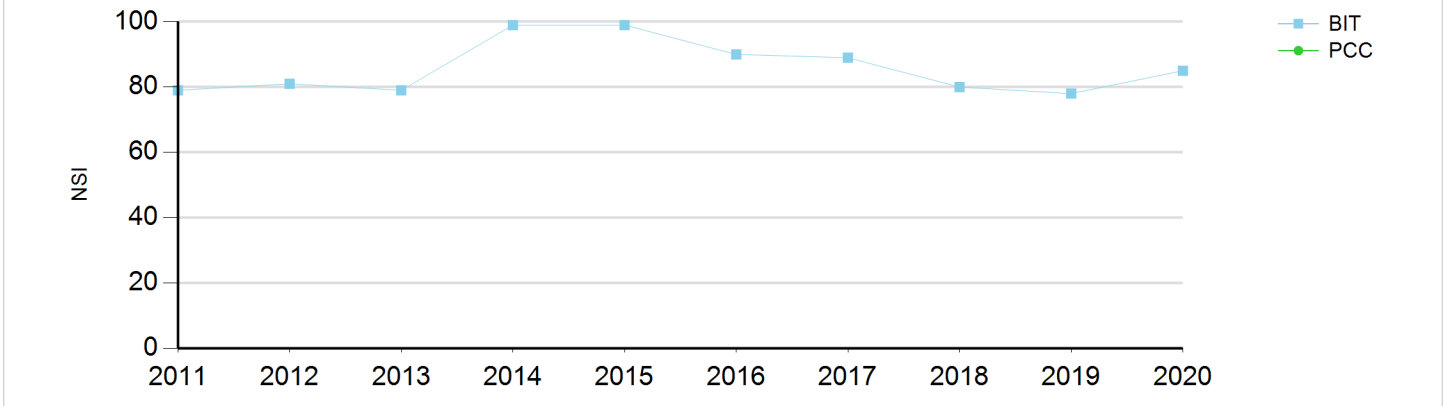
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	365.14	371.30	1	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit	77	77	77	99	99	99	96	74	80	79
NSI PCC										
IRI	1.15	1.16	1.26	0.81	0.84	0.94	1.05	1.16	1.45	1.41
PSI	4.1	4.0	4.0	4.4	4.4	4.4	4.3	4.2	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	46	45	45	0	1	3	38	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.8	4.6	5.4	1.6	2.4	1.7	2.9	3.3	3.7	4.4
% Over 13mm		0.1								
Rut Depth -PL	2.2									



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	365.14	371.30	1	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit	79	81	79	99	99	90	89	80	78	85
NSI PCC										
IRI	1.00	1.06	1.14	0.84	0.81	0.89	0.91	1.00	1.09	1.19
PSI	4.0	4.0	4.0	4.4	4.4	4.4	4.3	4.3	4.1	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	50	45	46	0	5	13	26	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.1	4.1	5.6	1.7	2.3	1.7	2.7	2.9	3.5	3.7
% Over 13mm										
Rut Depth -PL										



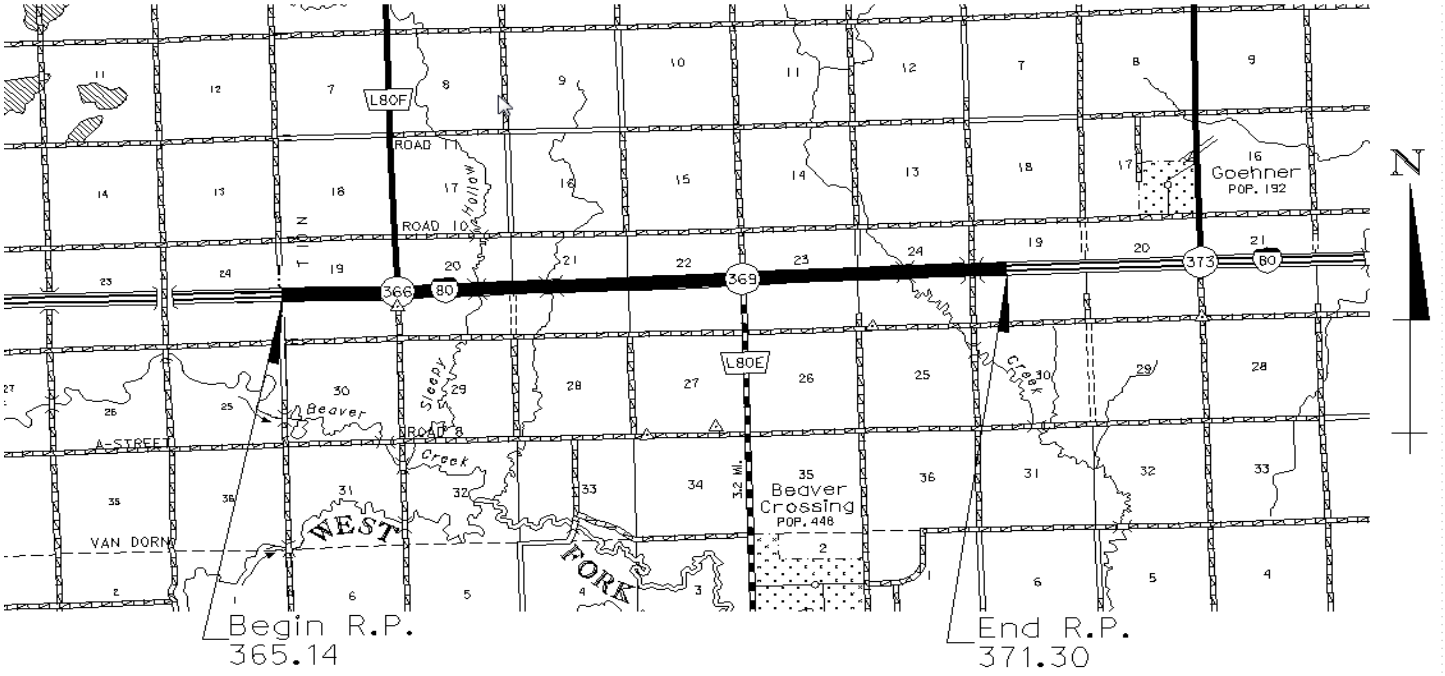
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	365.14 - 371.30	6.16	1	UTICA-BEAVER CROSSING	27914	8394

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-8(24)	24'	46' 6"	Wire	3.5"-4" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1966	4"	SPH	1987, 2002, 2014

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	6		99.0		100.0	8	2023	2027		
Descending	6	6		99.0		100.0	7	2025	2029		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1997	CROSS OVERS	370.680-372.690	11439	IM-80-8(1015)
2002	MILL, INLAY, INCL. SHLD	359.750-381.710	12563	EACIM-80-8(101)
2009	CRACK SEAL FOG SEAL	365.140-371.300	12904	RD-80-8(1034)
2013	Mill, Resurf, (FY13 Carryover)	365.140-371.300	12907	IM-80-8(145)
2017	Crack Seal	365.140-372.590	13109	NH-80-8(158)
2021	Median Guardrail	365.830-395.050	13448	HSIP-80-8(164)
2023	Mill, Resurf, Br Repair	365.140-372.680	13356	NH-80-8(159)



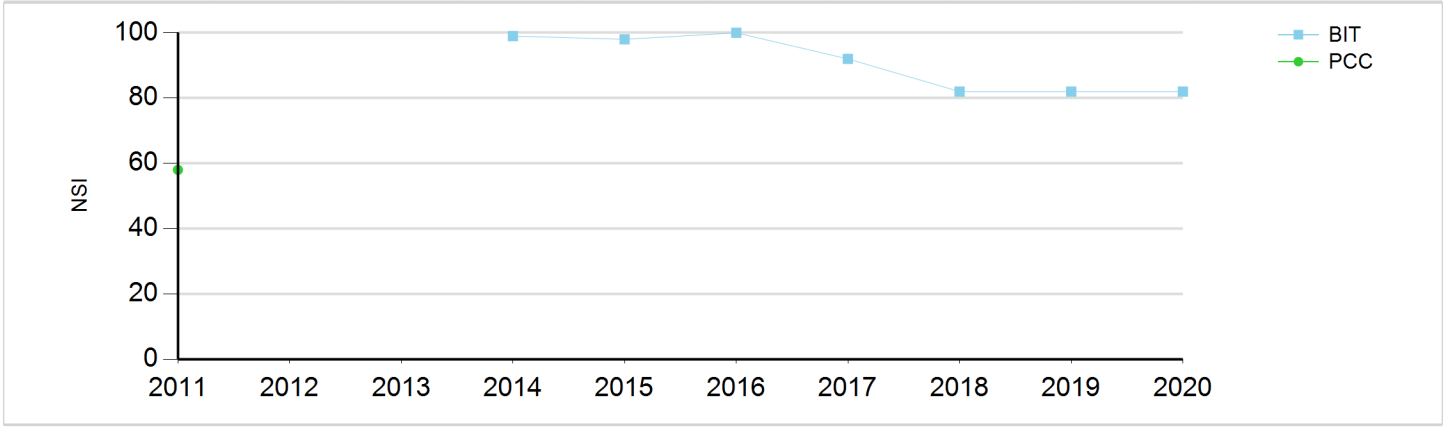
Comments:

Managed within larger RP 365.41 - 372.68 segment.
2020 ITF - Joints are getting rough. Needs to last til 2023 resurface.
2021 ITF - 2023 project changed from 2" To 4" M/F with major repairs.

Pavement Condition History Data

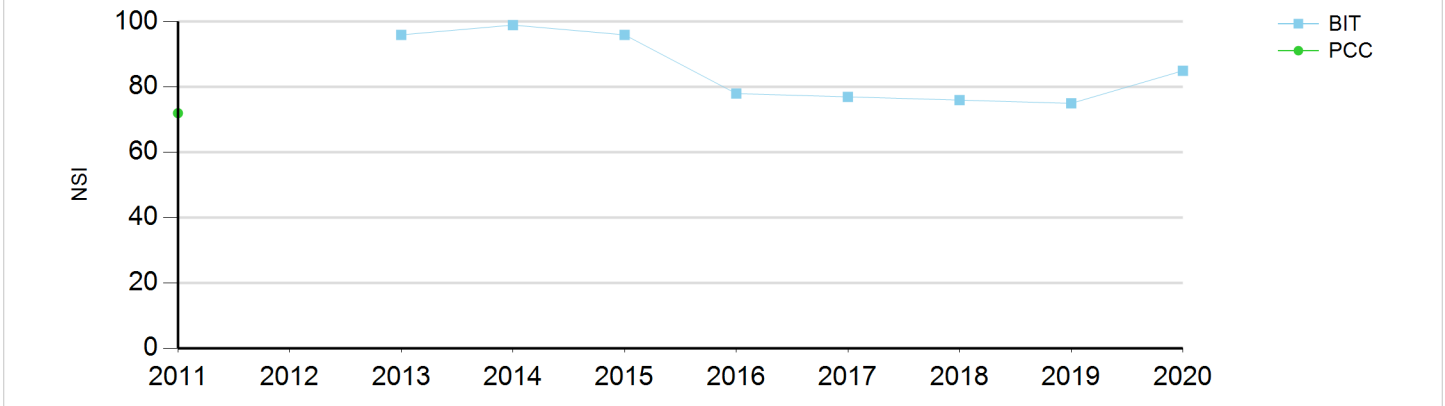
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	371.30	372.02	1	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit				99	98	100	92	82	82	82
NSI PCC	58									
IRI	2.04	0.76	0.78	0.84	0.85	0.89	0.91	0.94	0.99	1.00
PSI				4.4	4.4	4.4	4.3	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	10									
#TC BIT				0	0	0	35	100	100	100
%Bad Jnts PCC	0									
Faulting	3.08									
Rut Depth -DL				1.7	2.9	0.8	1.9	1.9	1.5	2.2
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	371.30	372.02	1	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit			96	99	96	78	77	76	75	85
NSI PCC	72									
IRI	1.98	0.82	0.89	0.91	0.92	0.92	0.95	1.02	1.07	1.09
PSI			4.3	4.4	4.3	4.4	4.3	4.3	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC	15									
#TC BIT			0	0	9	10	100	100	100	100
%Bad Jnts PCC	0									
Faulting	2.40									
Rut Depth -DL			4.2	2.1	2.7	1.0	1.9	1.8	2.2	2.4
% Over 13mm										
Rut Depth -PL										



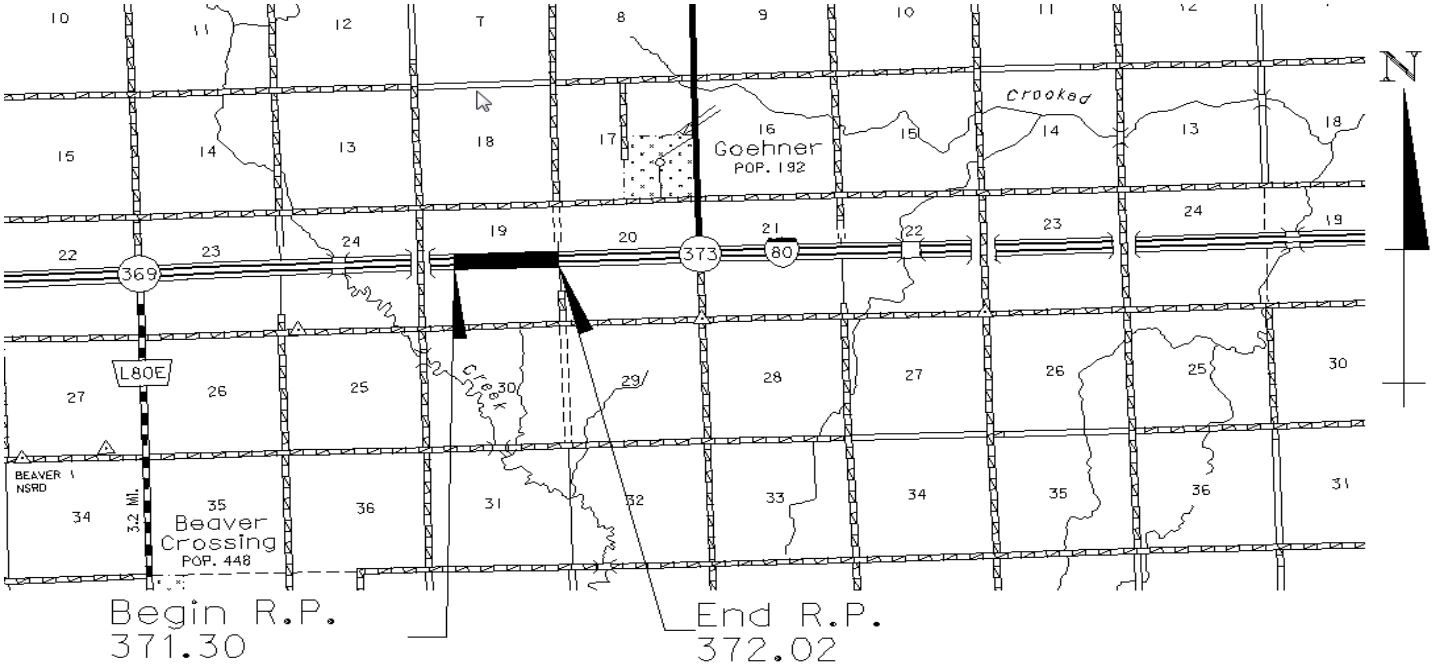
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	371.30 - 372.02	0.72	1	BEAVER CROSSING-GOEHNER	28050	8414

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-80-8(97)	24'	16' 6"	Dowel Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47BD	1998	4"	SP5	2002, 2011

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	9		100.0		100.0	8	2024	2028		
Descending	6	9		100.0		100.0	7	2025	2029		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1997	CROSS OVERS	370.680-372.690	11439	IM-80-8(1015)
1997	GR CULV BR REMOVAL SURF	370.000-372.280	11439A	EACIM-80-8(97)
2002	MILL, INLAY, INCL. SHLD	359.750-381.710	12563	EACIM-80-8(101)
2005	JOINT SEAL	371.300-372.020	12705	RD-80-8(1026)
2011	RESURF S-SHLD	371.300-372.020	13107	IM-80-8(149)
2017	Crack Seal	365.140-372.590	13109	NH-80-8(158)
2021	Median Guardrail	365.830-395.050	13448	HSIP-80-8(164)
2023	Mill, Resurf, Br Repair	365.140-372.680	13356	NH-80-8(159)

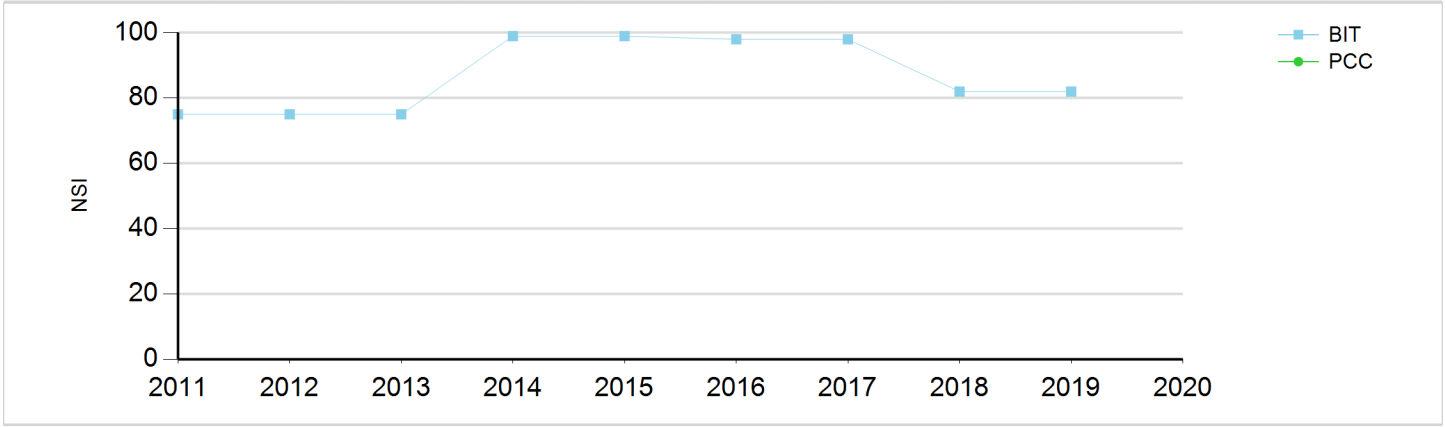


Comments:
Managed within larger RP 365.41 - 372.68 segment.

Pavement Condition History Data

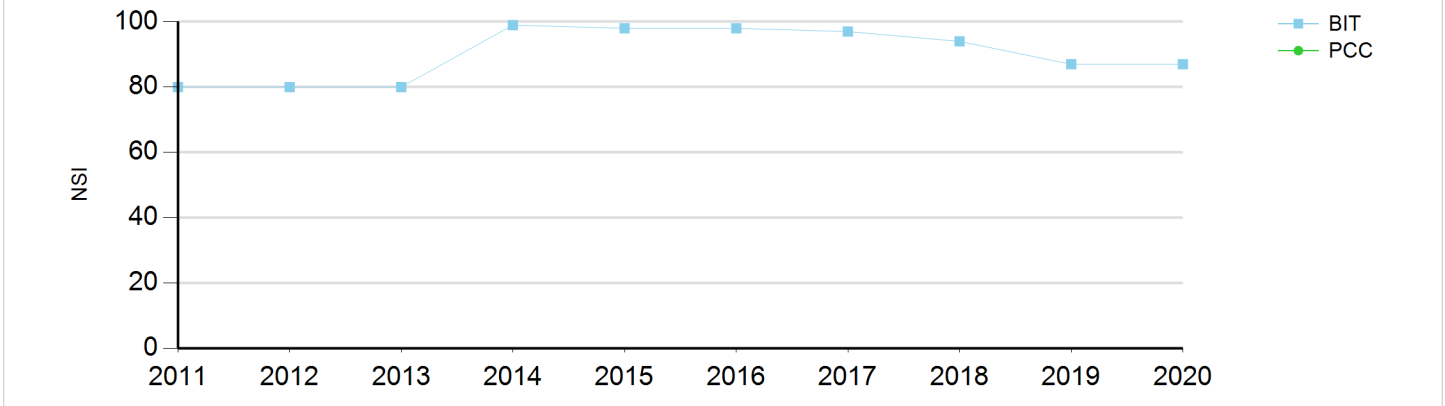
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	372.02	372.68	1	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit	75	75	75	99	99	98	98	82	82	
NSI PCC										
IRI	1.01	1.16	0.86	0.76	0.81	0.91	0.99	1.10	1.22	1.18
PSI	4.1	4.1	4.1	4.4	4.4	4.4	4.3	4.2	4.2	
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	35	35	0	0	0	35	100	100	
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	4.2	4.6	5.2	1.4	2.1	1.5	2.2	2.5	2.3	
% Over 13mm										
Rut Depth -PL	2.2									



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	372.02	372.68	1	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit	80	80	80	99	98	98	97	94	87	87
NSI PCC										
IRI	1.01	1.11	1.18	1.25	1.04	1.07	1.11	1.17	1.27	1.31
PSI	4.2	4.1	4.0	4.3	4.3	4.3	4.2	4.2	4.0	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	35	35	0	10	10	100	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.9	3.9	4.8	1.8	2.3	1.5	2.5	2.4	2.7	3.0
% Over 13mm			0.2							
Rut Depth -PL										



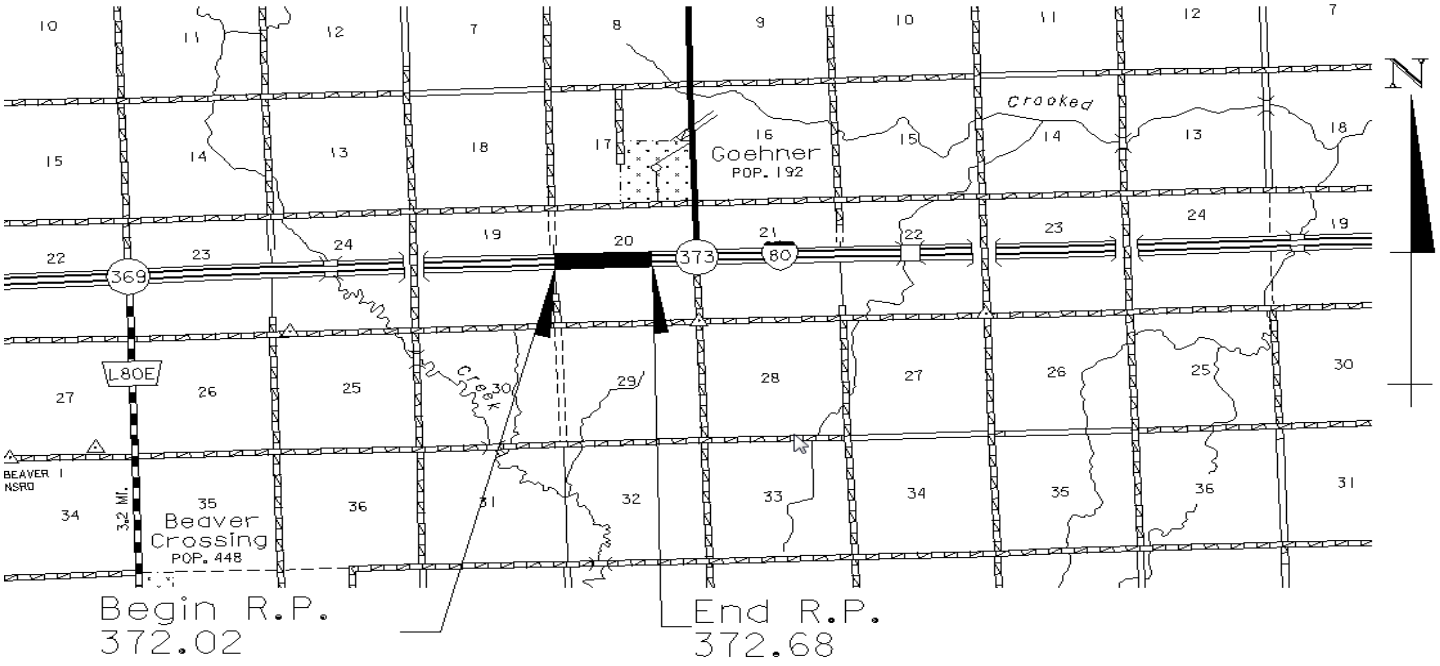
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	372.02 - 372.68	0.66	1	GOEHNER WEST	28050	8414

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-8(20)	24'	46' 6"	Wire	4" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1965	4"	SPH	1988, 1996, 2002, 2014

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	6		100.0		100.0	8	2024	2028		
Descending	6	6		100.0		100.0	7	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1997	CROSS OVERS	370.680-372.690	11439	IM-80-8(1015)
1997	GR CULV BR REMOVAL SURF	370.000-372.280	11439A	EACIM-80-8(97)
2002	MILL, INLAY, INCL. SHLD	359.750-381.710	12563	EACIM-80-8(101)
2017	Crack Seal	365.140-372.590	13109	NH-80-8(158)
2021	Median Guardrail	365.830-395.050	13448	HSIP-80-8(164)
2023	Mill, Resurf, Br Repair	365.140-372.680	13356	NH-80-8(159)



Comments:

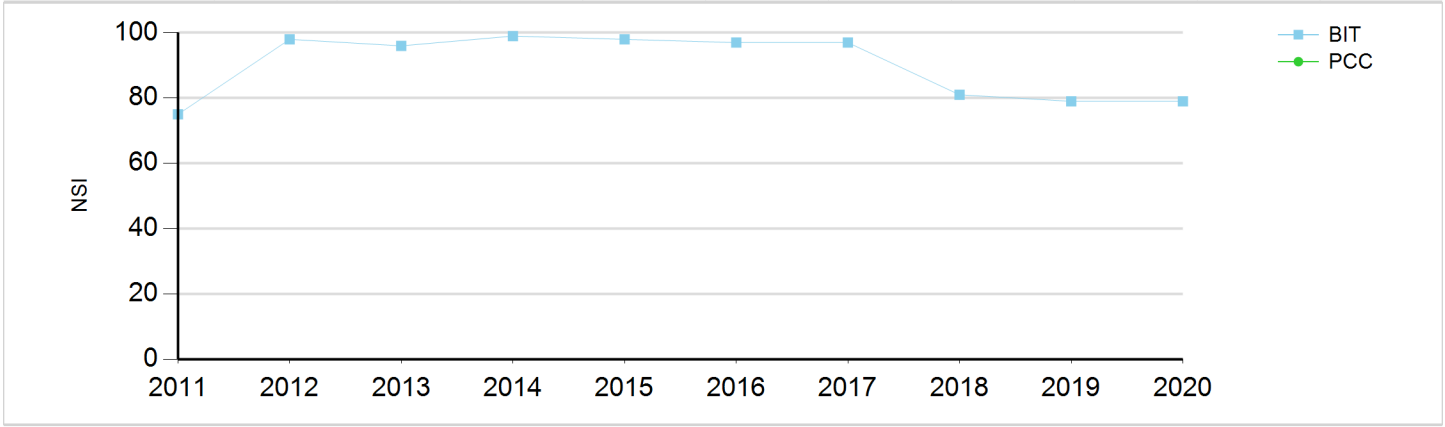
Managed within larger RP 365.41 - 372.68 segment.

2014 - Bob looking into pumping/failures/uneven lanes.
2018 - Confirm Intent of 2023 resurfacing was Maint vs. 3R. Existing 2" will be 10 yrs old. Next 2" will also be 10 yrs old before rebuild.
2018 ITF - in better shape than next segment. Some rough joints.

Pavement Condition History Data

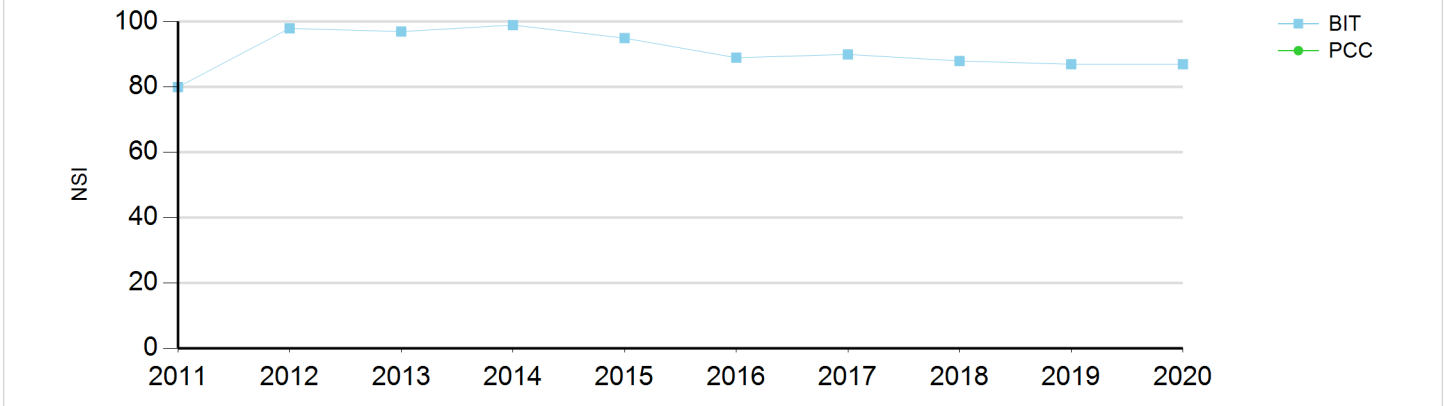
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	372.68	381.71	1	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	75	98	96	99	98	97	97	81	79	79
NSI PCC										
IRI	1.03	0.66	0.75	0.76	0.78	0.82	0.87	0.94	1.00	1.06
PSI	4.1	4.4	4.3	4.4	4.3	4.4	4.3	4.3	4.1	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	39	0	9	9	34	34	35	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	4.6	3.4	4.6	2.0	3.3	1.3	2.1	2.2	2.1	2.3
% Over 13mm										
Rut Depth -PL	3.0									



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	372.68	381.71	1	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	80	98	97	99	95	89	90	88	87	87
NSI PCC										
IRI	1.00	0.66	0.73	0.74	0.78	0.81	0.82	0.91	0.97	0.99
PSI	4.1	4.4	4.3	4.4	4.4	4.2	4.3	4.2	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	59	0	1	10	26	30	29	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	4.0	2.7	3.9	1.8	2.3	3.7	1.7	1.9	2.2	2.1
% Over 13mm										
Rut Depth -PL										



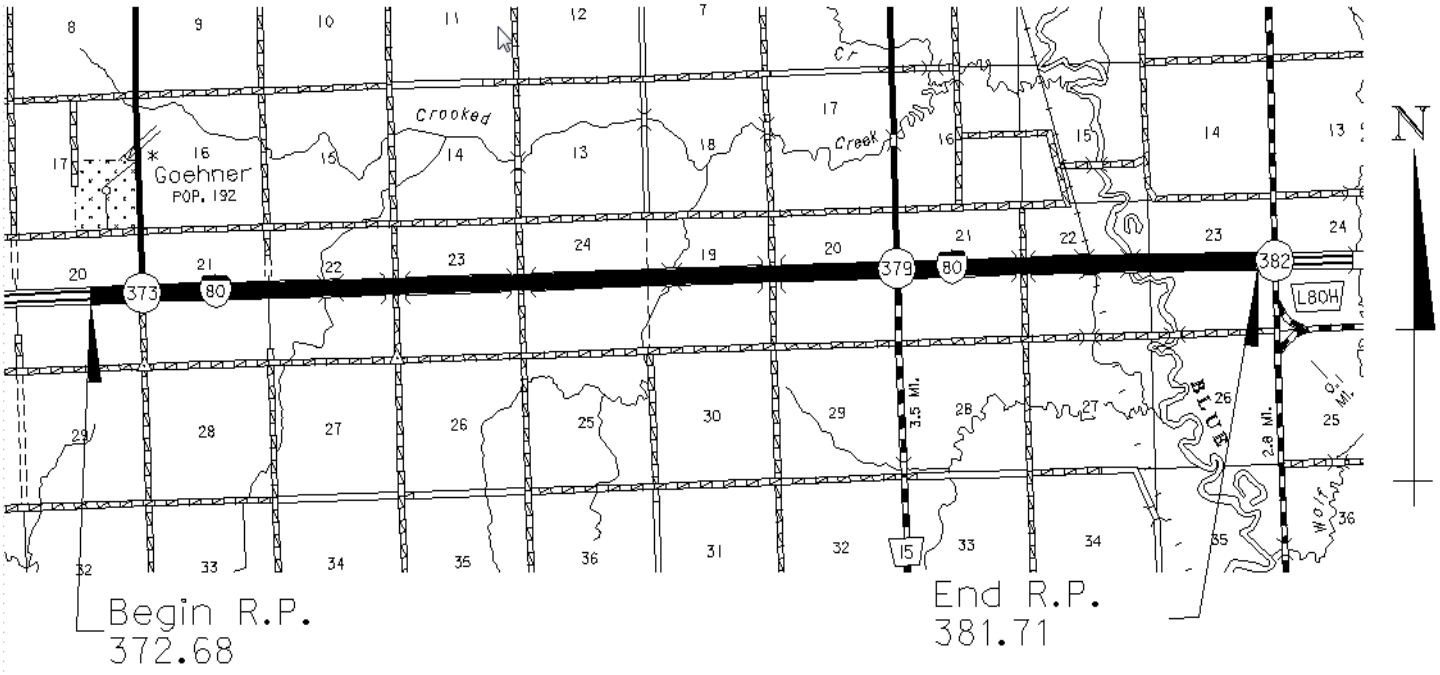
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	372.68 - 381.71	9.03	1	GOEHNER-MILFORD	28814	8468

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-8(17)	24'	46' 6"	Wire	4" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1965	4"	SP5	1988, 1996, 2002, 2012

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	8		100.0		100.0	8	2023	2027		
Descending	6	8		100.0		100.0	7	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1995	REST AREA	381.270-381.270	12047	EACIM-80-8(86)
1996	MILL RESURF & BR WID/REHAB	372.690-381.710	11563	EACIM-80-8(78)
1997	CROSS OVERS	370.680-372.690	11439	IM-80-8(1015)
2002	MILL, INLAY, INCL. SHLD	359.750-381.710	12563	EACIM-80-8(101)
2009	CRACK SEAL FOG SEAL	372.680-396.990	12906	RD-80-8(1036)
2012	MILL INLAY	372.680-381.710	12961	IM-80-8(147)
2015	Crack Seal	372.680-394.780	13110	IM-80-8(150)
2020	Mill, Resurf, Br	372.680-381.700	13358	NH-80-8(160)
2021	Median Guardrail	365.830-395.050	13448	HSIP-80-8(164)



Comments:

2017 ITF - Segment in decent shape. Consider swapping w/previous segment CN 13358 & 13359?
2018 ITF - Approaches @ 380 very rough and EPO coming off per DE. Won't make it to 2023. Longitudinal cracks showing up.,Need to drive WB Goehner Truck Parking Ramps. BAD shape. Ramps originally designed as temporary pavement for original gravel lot and used Type I/II cement. Bad ASR w/cracking, longitudinal cracks, faulting etc. Will need Rebuilt w/doweled pavement w/next 5 yrs. BB/BV - Current strategy for the rest areas is concrete repairs, joint and crack seal (CN 13358 in 2020). M3/F3 of composite ramps. Given poor condition of concrete at rest areas, should we overlay in case the reconstruction projects are delayed (CN 12605 in 2032, CN 12598 in 2027)?

2019- Blue River Bridge WB overlay is failing. Maintenance will need to address this summer. Truck parking ramps need replaced. Rest Area is patch on patch

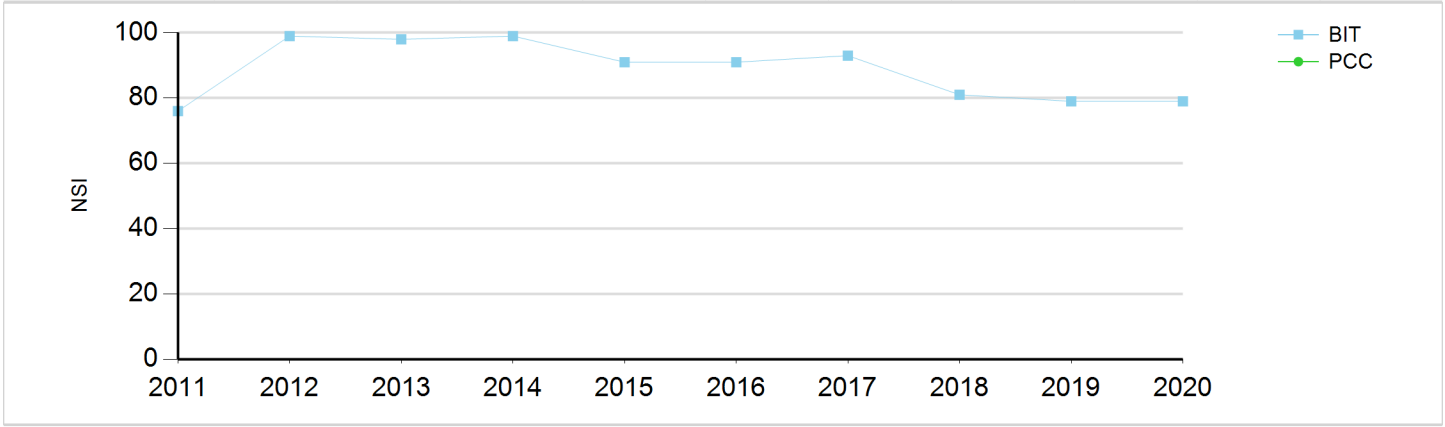
2020 ITF- Segment to be surfaced this year.

2021 ITF- Construction starting.

Pavement Condition History Data

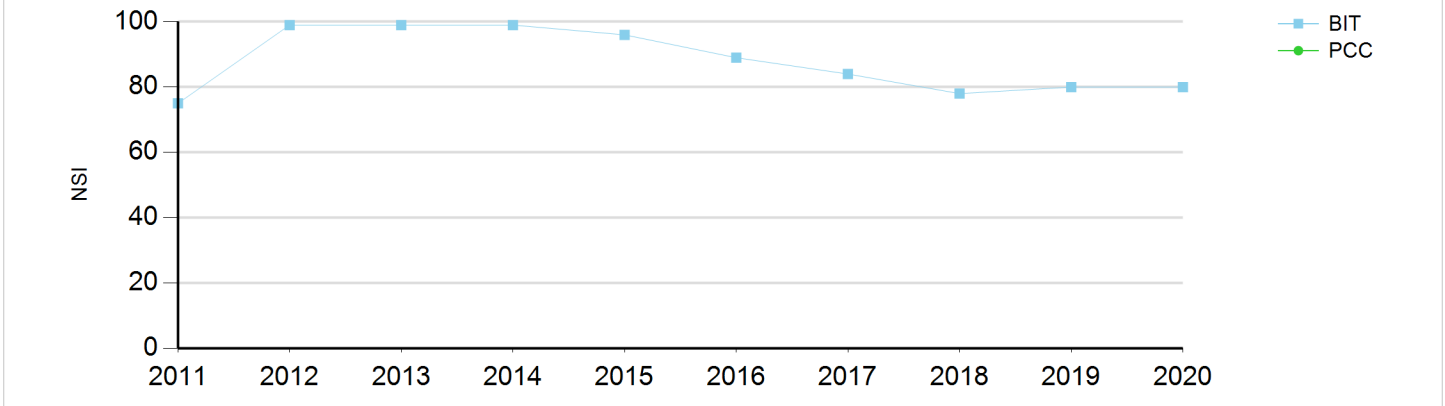
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	381.71	394.63	1	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	76	99	98	99	91	91	93	81	79	79
NSI PCC										
IRI	0.91	0.57	0.59	0.60	0.62	0.65	0.70	0.76	0.80	0.84
PSI	4.2	4.4	4.3	4.4	4.3	4.3	4.3	4.2	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	0	2	9	33	33	35	100	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.3	2.8	4.1	2.1	2.3	1.7	2.6	3.2	3.3	3.3
% Over 13mm	0.1									
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	381.71	394.63	1	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	75	99	99	99	96	89	84	78	80	80
NSI PCC										
IRI	0.94	0.60	0.69	0.70	0.72	0.74	0.79	0.87	0.93	1.00
PSI	4.1	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.2
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	57	0	0	6	19	25	38	95	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.4	2.2	2.5	1.7	1.6	1.4	2.3	2.5	2.8	2.7
% Over 13mm										
Rut Depth -PL										



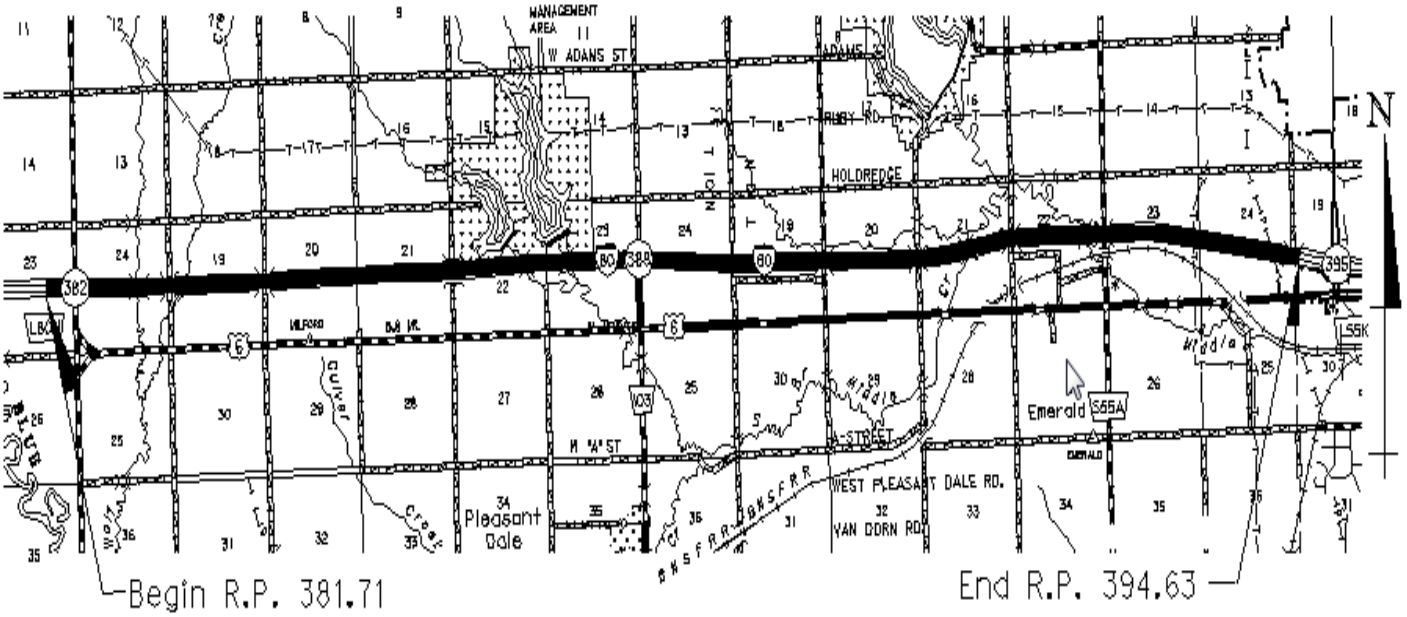
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	381.71 - 394.63	12.92	1	MILFORD-LINCOLN AIRPARK	34790	8754

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
I-80-8(11)	24'	46' 6"	Wire	5" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1962	4"	SP5	1995, 2003 ,2012

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	8		99.0		100.0	7	2023	2027		
Descending	6	8		99.0		100.0	7	2023	2027		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1995	MILL RESURF & STR	381.710-395.190	11559	EACIM-80-8(75)
1997	CRACK SEALING	381.710-395.190	12255	RD-80-8(1018)
2003	MILL, INLAY, INCL. SHLD	381.710-395.190	12564	EACIM-80-8(102)
2006	RESURF	382.310-382.310	12780	RD-80-8(1029)
2009	CRACK SEAL FOG SEAL	372.680-396.990	12906	RD-80-8(1036)
2012	MILL RESURF	381.710-395.190	13108	IM-80-8(515)
2015	Crack Seal	372.680-394.780	13110	IM-80-8(150)
2021	Median Guardrail	365.830-395.050	13448	HSIP-80-8(164)
2022	Mill, Resurf, Br Repair	381.710-394.630	13359	NH-80-8(161)



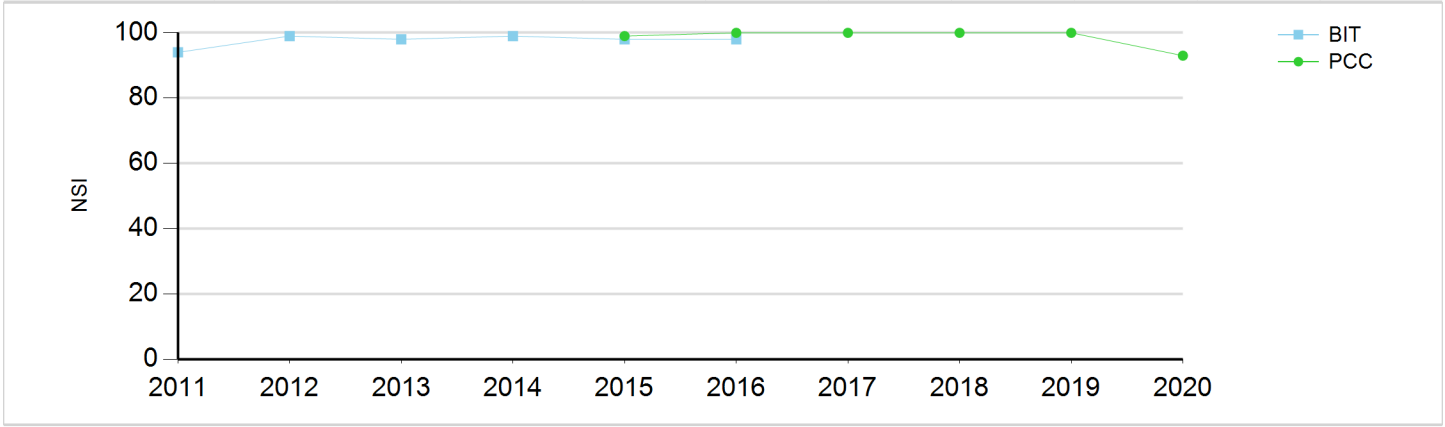
Comments:

2015 ITF - Tom can't program overheads until environmental goes through.
2016 ITF - Has some PCC failures to address ASAP. Can feel underlying joints here and there. needs resurfacing before 6 lane. 2017 ITF - Joints getting rough, consider advancing if possible.
2018 ITF - Same as above, look to advance CN 13359, from 2021. Can't.
2019 ITF - Look at scope of CN 13359 vs. 6-lane moved up to 2025. Review overhead replacement status to allow 6 lane.
2020 ITF - Joints failing. One of worst segments per DE. Resurfaced in 2022. Check w/Program Management on overhead status for 6-lane.
2021 ITF- Mill/Fill programmed 2022 (8/26/21). CL joints starting to look bad

Pavement Condition History Data

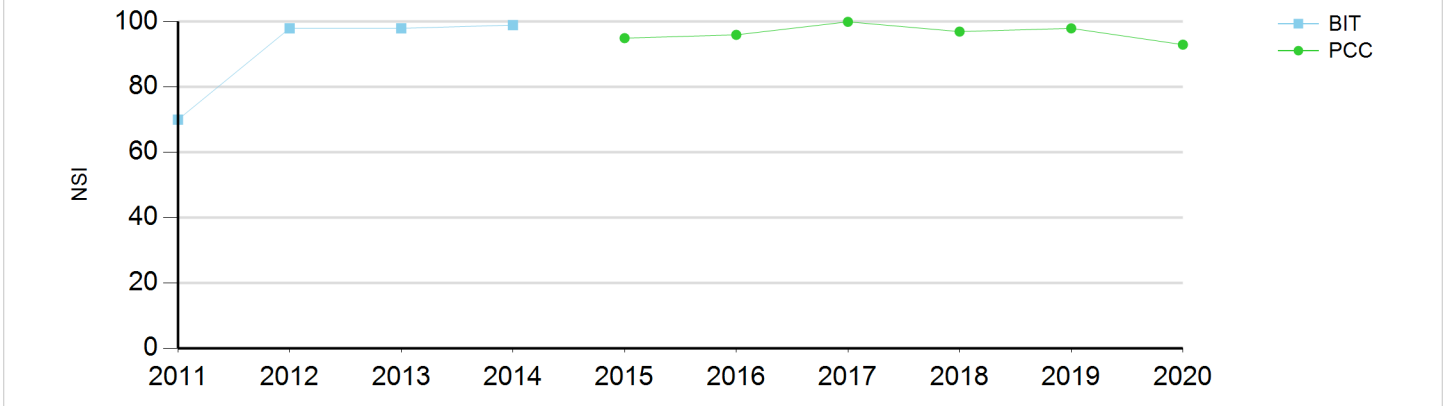
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	394.63	396.82	1	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	94	99	98	99	98	98				
NSI PCC					99	100	100	100	100	93
IRI	1.63	0.65	0.71	0.72	0.96	1.35	1.38	1.43	1.44	1.54
PSI	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.2
Crkng Index BIT										
Slab Distrs PCC					0	0	0	2	0	0
#TC BIT	92	0	0	0	5	5				
%Bad Jnts PCC					0	0	0	0	0	0
Faulting					0.72	0.34	0.50	0.60		0.70
Rut Depth -DL	3.4	2.1	2.8	1.7	1.9	2.0				
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	394.63	396.82	1	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	70	98	98	99						
NSI PCC					95	96	100	97	98	93
IRI	1.98	0.75	0.89	0.93	1.65	1.51	1.61	1.58	1.66	1.66
PSI	3.8	4.4	4.4	4.4	4.0	4.2	4.1	4.1	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC					0	0	0	0	0	0
#TC BIT	101	0	0	0						
%Bad Jnts PCC					3	3	0	0	0	0
Faulting					0.66	0.46	0.69	0.65	0.69	0.73
Rut Depth -DL	3.8	2.5	2.7	2.0						
% Over 13mm										
Rut Depth -PL										



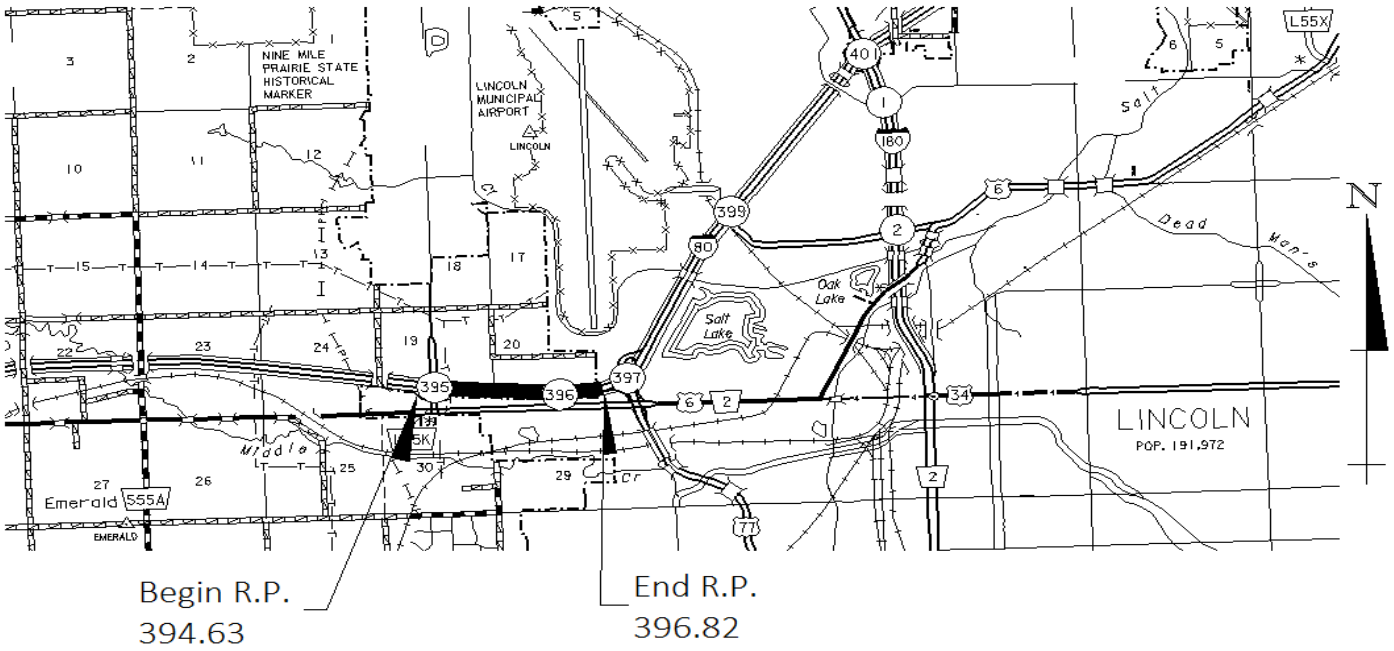
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	394.63 - 396.82	2.19	1	AIRPARK-W JCT US77	40288	8924

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(862)	36'	16' 6"	Doweled	5" Granular?

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	2016			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	8		6.0	93.0	100.0	6	2022	2026	2037	2043
Descending	6	8		5.0	94.0	100.0	8	2020	2024	2037	2043

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2016	6-Lane Gr, Str, Surf, Detour	394.630-397.000	12489	NH-80-9(862)
2021	Median Guardrail	365.830-395.050	13448	HSIP-80-8(164)
2023	Barrier Seal	394.630-403.590	13283	NH-80-9(92)



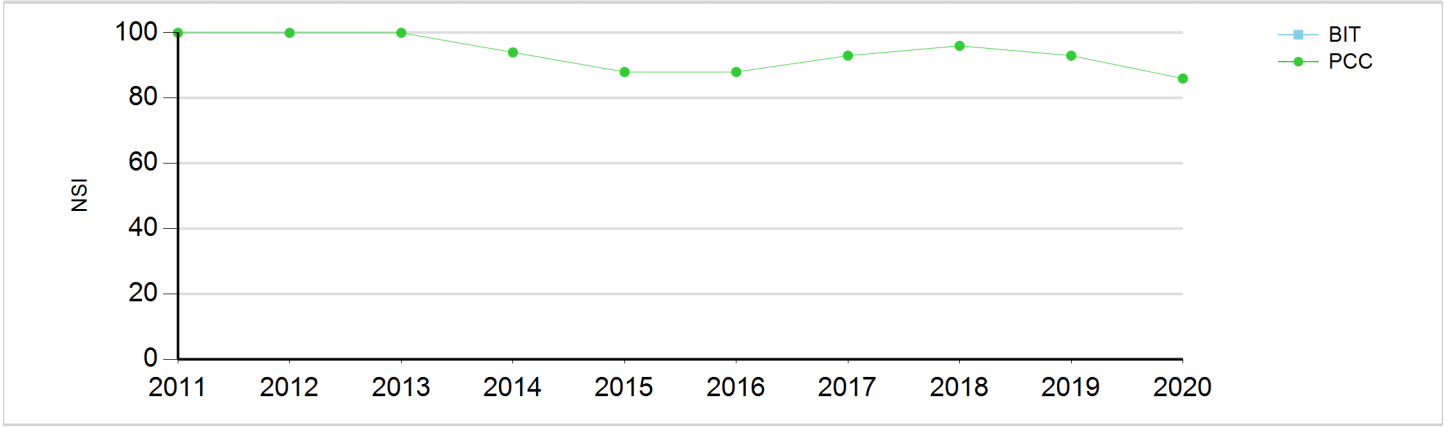
Comments:

2018 ITF Extend CN 13283 Barrier seal to 394.63. Done.
2021- Looks like a joint seal occurred but don't know of a project. Program 2024 Joint seal for RP 400.89 - 396.82 after checking with Tom.

Pavement Condition History Data

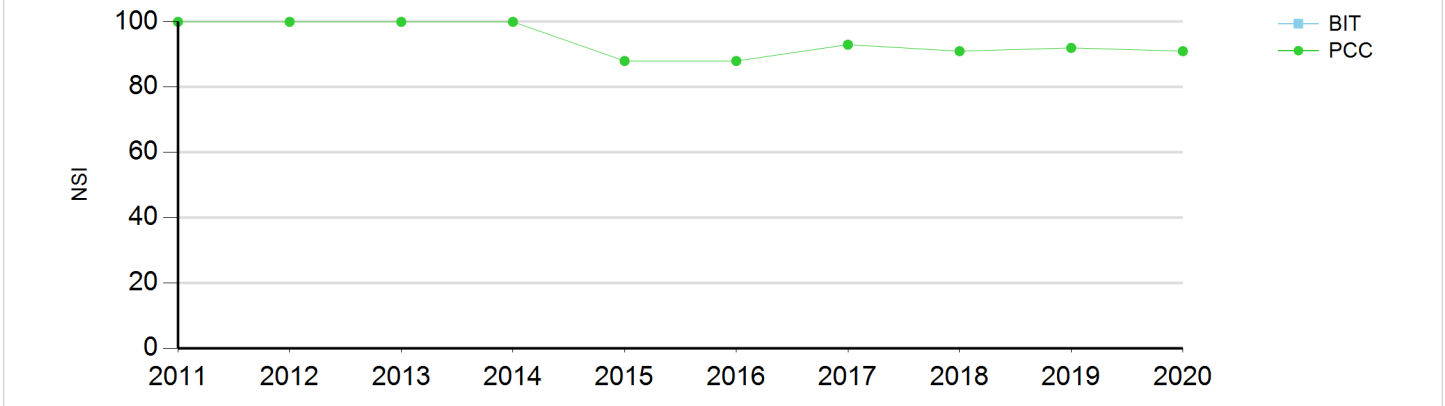
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	396.82	400.89	1	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	3	4	5	6	7	8	9	10	11	12
NSI Bit										
NSI PCC	100	100	100	94	88	88	93	96	93	86
IRI	1.30	1.40	1.37	1.47	1.30	1.31	1.31	1.31	1.30	1.33
PSI	4.4	4.3	4.3	4.2	4.2	4.2	4.3	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	5	0	0	2
#TC BIT										
%Bad Jnts PCC	0	0	0	0	10	10	2	0	2	0
Faulting	0.38	0.28	0.32	0.93	0.57	0.68	0.59	0.62		0.77
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	396.82	400.89	1	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	3	4	5	6	7	8	9	10	11	12
NSI Bit										
NSI PCC	100	100	100	100	88	88	93	91	92	91
IRI	1.36	1.32	1.47	1.39	1.34	1.38	1.38	1.39	1.38	1.44
PSI	4.3	4.3	4.2	4.3	4.2	4.2	4.2	4.2	4.3	4.2
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	5	5	0	2
#TC BIT										
%Bad Jnts PCC	0	0	0	0	10	10	2	2	0	0
Faulting	0.21	0.23	0.34	0.05	1.05	0.35	0.58	0.63	0.65	0.06
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



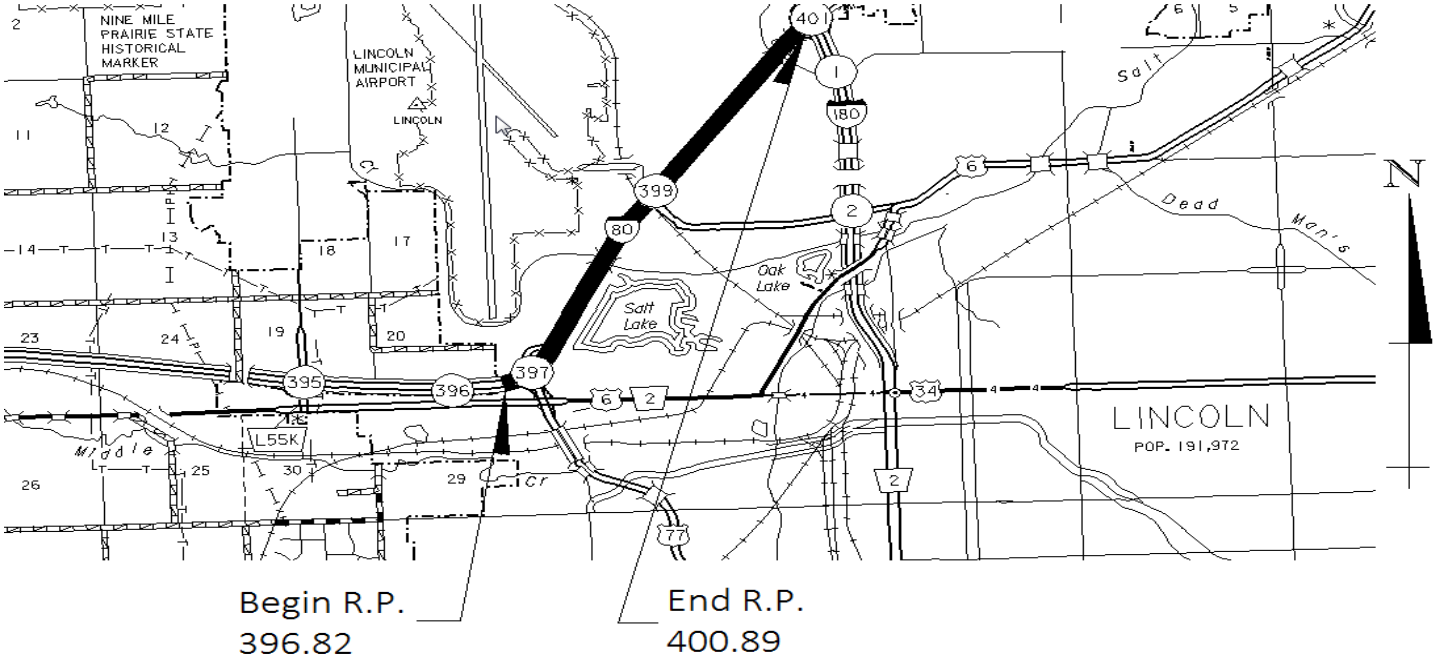
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	396.82 - 400.89	4.07	1	W. JCT. US77 TO I180	47062	8102

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACNH-80-9(861)	36'	16' 6"	Doweled	4" Regular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2008			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	12			100.0	100.0	8			2027	2033
Descending	8	12			100.0	100.0	7			2036	2042

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1994	MILL & RESURF	397.790-398.400	12020	RD-80-9(1052)
2005	6-LANE GR CULV SURF	396.820-400.930	12488	EACNH-80-9(861)
2011	NOISE WALLS	399.260-400.050	12488A	NH-80-9(899)
2014	Barrier Seal	397.030-403.590	13234	MISC-80-9(1194)
2015	Crack/Jt Seal (FY15 Carryover)	396.820-400.890	13114	NH-80-9(102)
2016	6-Lane Gr, Str, Surf, Detour	394.630-397.000	12489	NH-80-9(862)
2023	Barrier Seal	394.630-403.590	13283	NH-80-9(92)



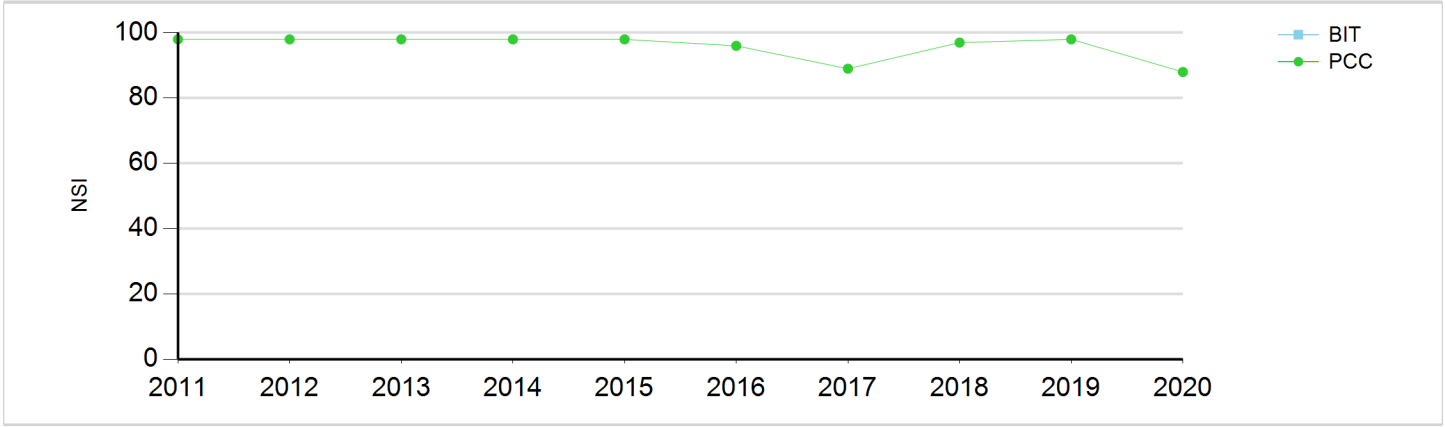
Comments:

2015 ITF - 2013 WB Fibercrete repairs are holding per Tom. Matt B. found EB spalls Mar 2014. Tom will have maintenance look at.
2017 ITF - Shattered slab at appr. RP 400. Maint will take care of per Tom. Review NSI ratings, 100 to 77 in 1 yr.
2019 ITF - Program Joint Seal 2024. Bridge deck at 399 (oak creek) has pattern cracking per DE. Inform Bridge.
2020 ITF - DE wants bridge inspection. Haven't heard anything from Bridge. May need patching w/joint seal.
2021 ITF- DE, a bunch of spalls, will require maintenance work. Mick- Needs a crack seal. Noted just west of Cornhusker bridge

Pavement Condition History Data

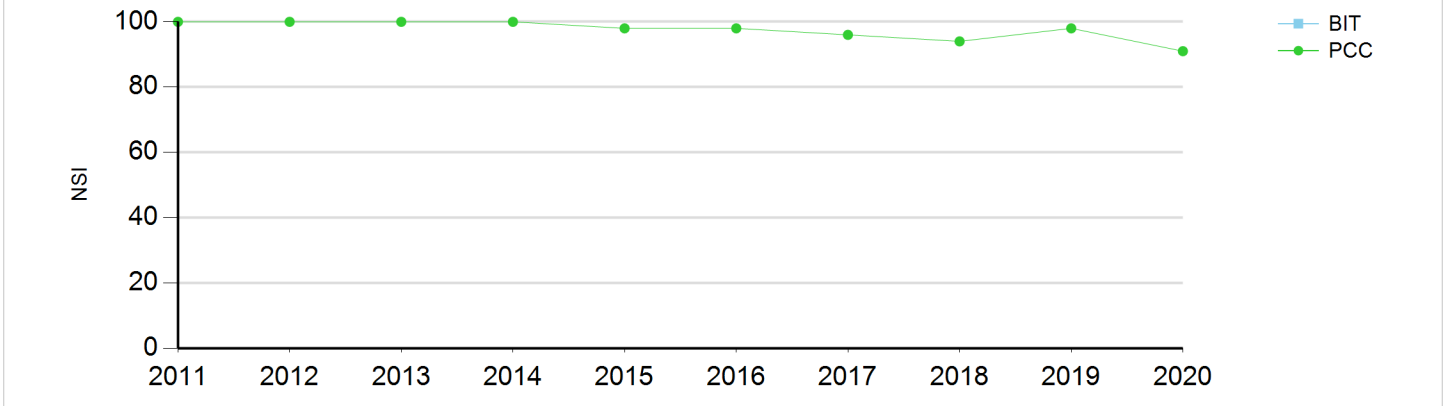
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	400.89	406.59	1	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit										
NSI PCC	98	98	98	98	98	96	89	97	98	88
IRI	1.38	1.54	1.51	1.39	1.37	1.40	1.41	1.51	1.45	1.50
PSI	4.3	4.2	4.2	4.3	4.3	4.2	4.1	4.2	4.2	4.2
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	3	2	0	2
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	2	10	1	0	0
Faulting	0.48	0.47	0.51	0.67	0.61	0.66	0.60	0.64		0.81
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	400.89	406.59	1	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit										
NSI PCC	100	100	100	100	98	98	96	94	98	91
IRI	1.21	1.19	1.31	1.15	1.16	1.23	1.17	1.22	1.19	1.23
PSI	4.4	4.4	4.3	4.5	4.4	4.4	4.4	4.3	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	1	1	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	1	1	1	5	0	1
Faulting	0.31	0.23	0.35	0.46	0.63	0.61	0.56	0.58	0.48	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



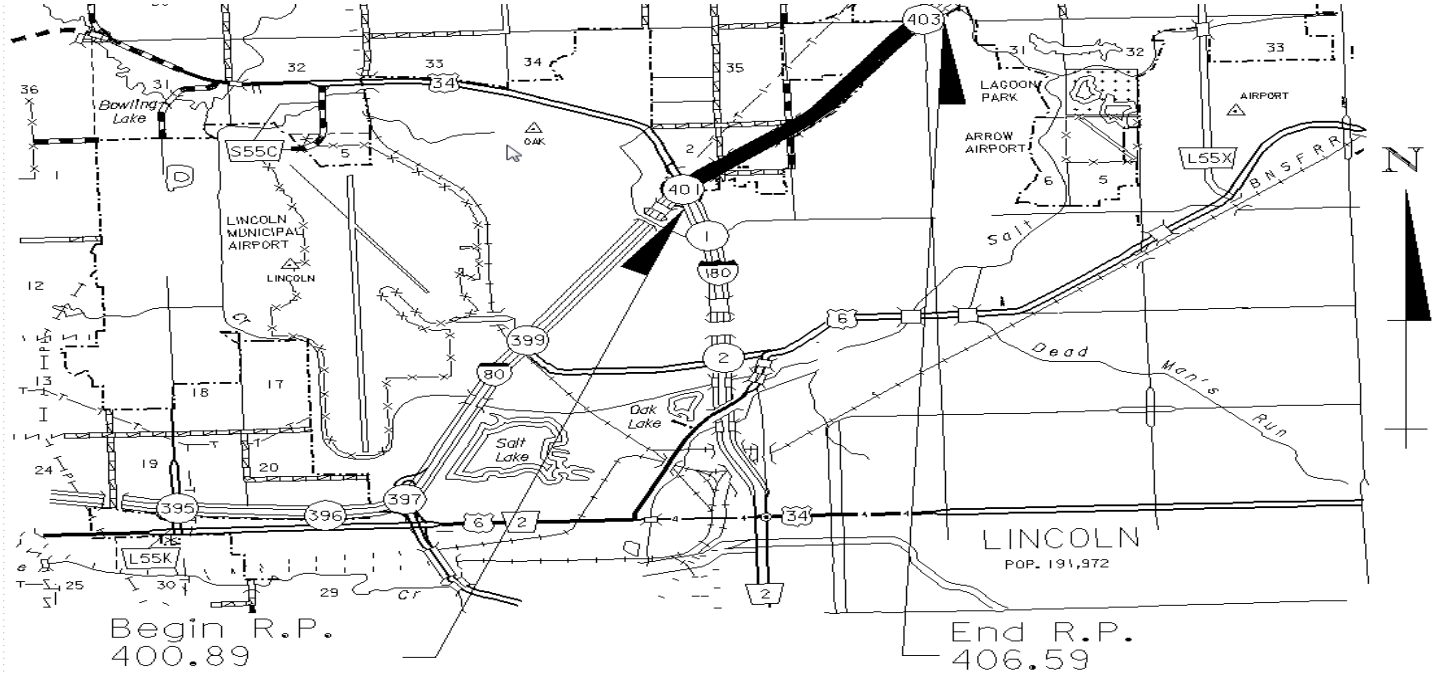
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	400.89 - 406.59	5.70	1	JCT I180-E JCT US77	49660	8020

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-NH-80-9(856)	36'	16' 6"	Doweled	6" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	2009			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	11			98.0	100.0	8			2034	2040
Descending	8	11			98.0	100.0	8			2036	2042

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1992	INTERCHANGE & BR	403.080-403.080	10848	IR-80-9(416)
1995	LANDSCAPING	401.050-401.050	12084	IM-80-9(1056)
1995	MILL RESURF	399.190-403.080	12038	IM-80-9(722)
2007	6-LANE GR STR SURF DETOUR	400.900-406.590	12483	IM-NH-80-9(856)
2014	Barrier Seal	397.030-403.590	13234	MISC-80-9(1194)
2016	Interchange (FY16 Carryover)	403.500-403.500	13111	NH-80-9(74)
2017	Crack/Joint Seal	400.890-406.600	13174	NH-80-9(101)
2023	Barrier Seal	394.630-403.590	13283	NH-80-9(92)



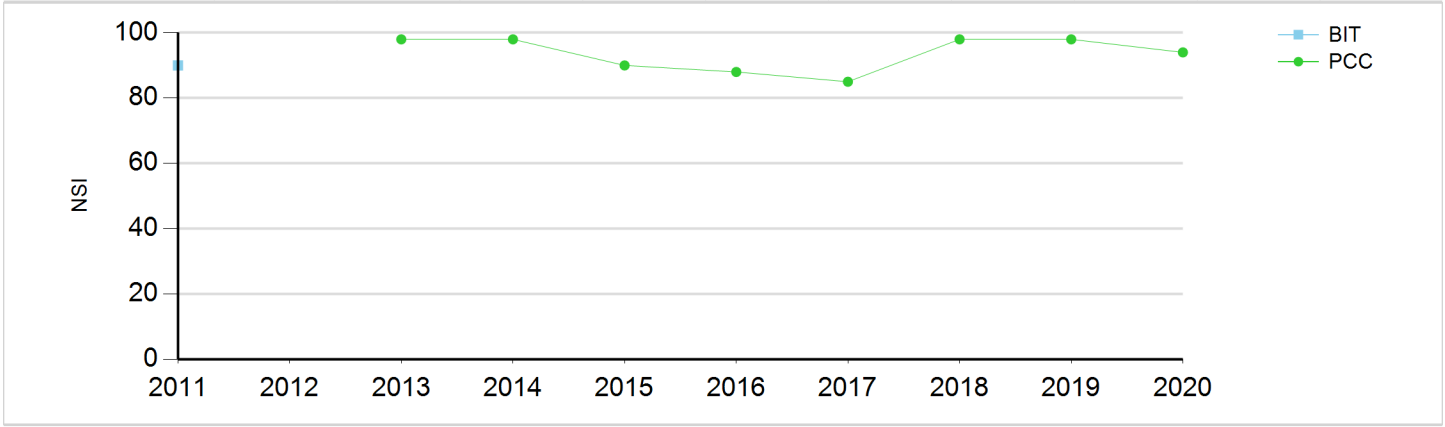
Comments:

2016 ITF - DE mentioned several locations that could be lifted; ramps, approaches, pipe locations. Lifts would improve smoothness but every year already over programmed with needed resurfacings.
2017 ITF - DE - Salt Creek Bridge, WB, Inside Lane has bump. Likely due to phased construction. DE plans to survey and grind if <1".
- CN 13174 Joint Seal not comleted yet. Let Sept, Start March 27th. Possibly delayed due to cash flow?
2018 ITF - Few more spalls at joints. 1 broken panel. Maintenance will address.
2018 ITF - Contractor completing 2017 crack seal.
2019 ITF - Broken/Sunk panel in middle lane EB, additional joint spalls. Maint will address.
2021- Program small repairs and joint seals (2026).

Pavement Condition History Data

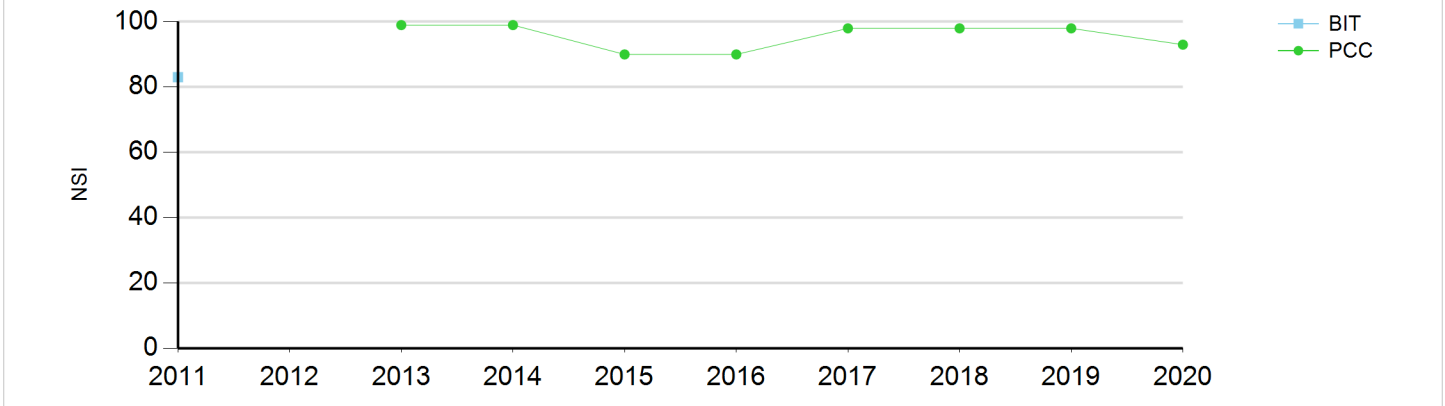
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	406.59	410.77	1	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit	90									
NSI PCC			98	98	90	88	85	98	98	94
IRI		2.26	2.42	1.56	1.57	1.58	1.62	1.64	1.62	1.69
PSI	4.3		3.4	4.1	4.0	4.0	3.9	4.1	4.1	4.0
Crkng Index BIT										
Slab Distrs PCC			0	0	5	5	5	2	0	0
#TC BIT	90									
%Bad Jnts PCC			0	0	10	10	12	0	0	0
Faulting			0.87	0.72	0.63	0.74	0.68	0.71	0.20	0.87
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	406.59	410.77	1	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit	83									
NSI PCC			99	99	90	90	98	98	98	93
IRI			1.61	1.33	1.37	1.59	1.37	1.36	1.40	1.38
PSI	4.2		4.1	4.3	4.2	4.0	4.3	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC			0	0	0	0	2	0	0	0
#TC BIT	70									
%Bad Jnts PCC			0	0	10	10	0	0	0	0
Faulting			0.44	0.12	0.54	0.74	0.55	0.54	0.25	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



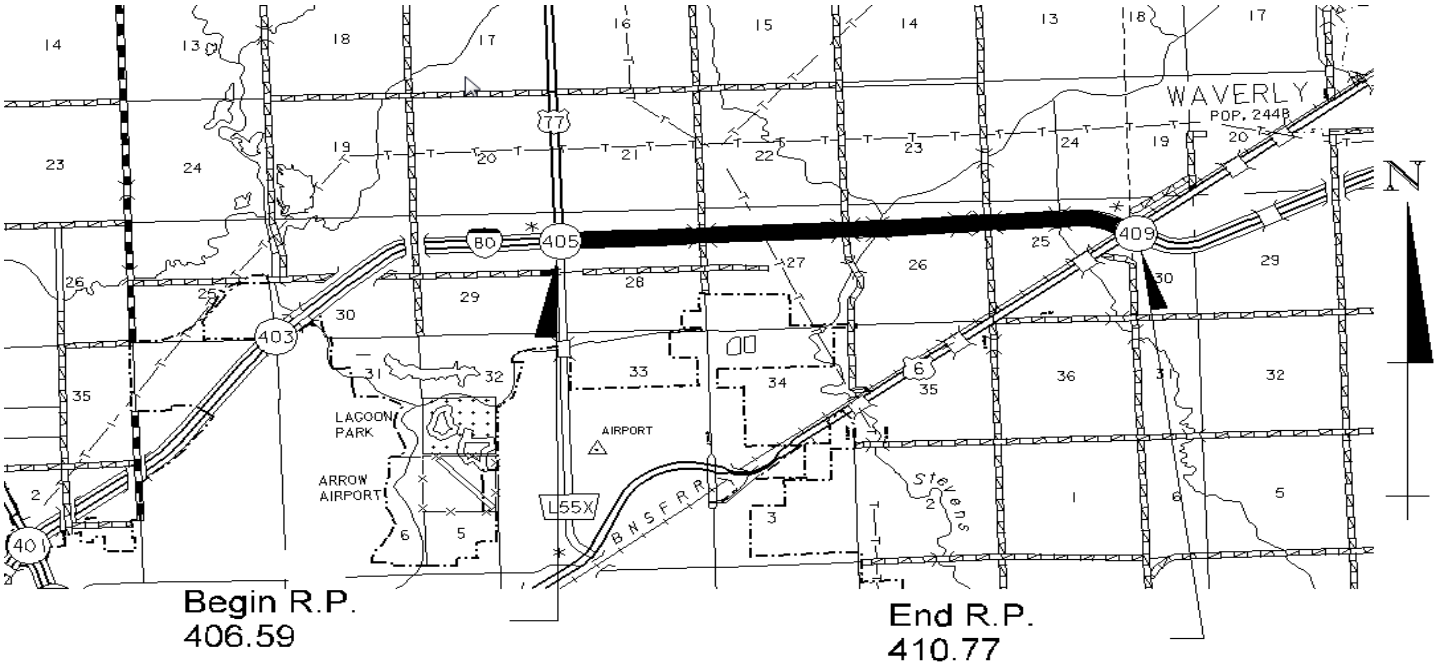
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	406.59 - 410.77	4.18	1	E JCT US77-WAVERLY	45176	7806

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-NH-80-9(850)	36'	16' 6"	Doweled	5" Granular?

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	2013			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	7			100.0	100.0	8			2037	2043
Descending	8	7			100.0	100.0	8			2036	2042

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2011	6-LANE GR STR SURF DETOUR	406.590-410.450	12477	IM-NH-80-9(850)
2021	Conc Repair, Joint Seal	406.590-420.020	13304	NH-80-9(97)



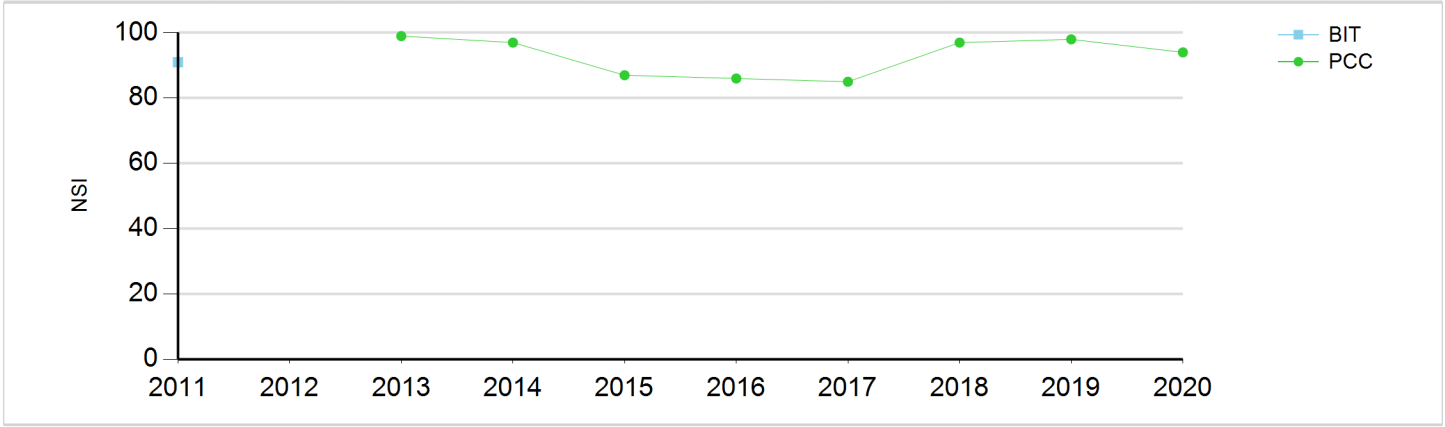
Comments:

2016 ITF - Joint spalls at 406.6 - 406.8. Maintenance can address for now.
2017 ITF - Bridge @ 408.8 - 2 cracked slabs, 2 shattered slabs. Bridge at 409.4 - 1 cracked 1 shattered slab. Surfacing under GR heaved up. Tom wants to load it with a plow truck or grind.
2021- Confirm programmed project let 8/2020

Pavement Condition History Data

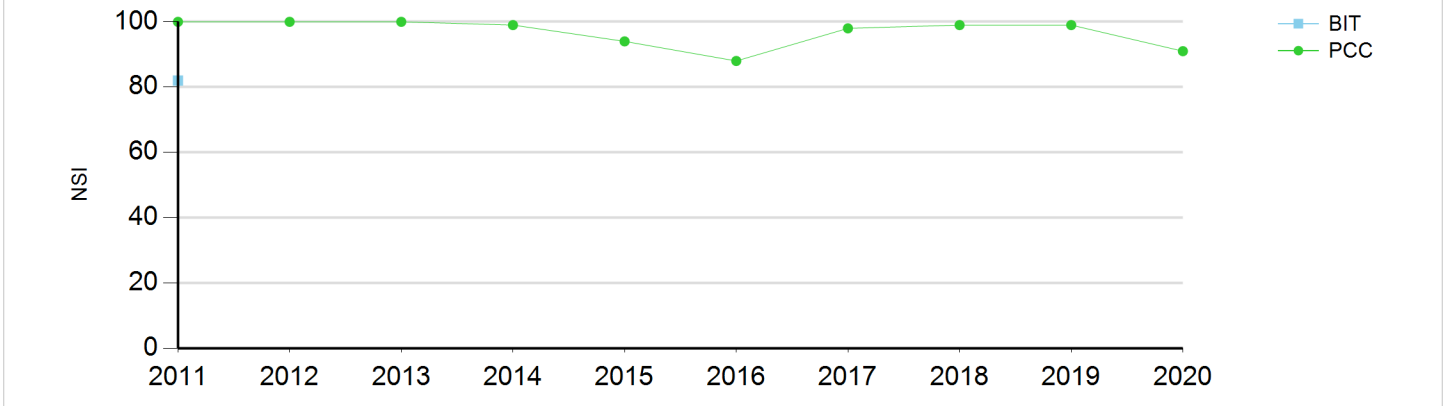
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	410.77	420.02	1	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit	91									
NSI PCC			99	97	87	86	85	97	98	94
IRI		1.91	1.29	1.16	1.19	1.21	1.29	1.25	1.24	1.28
PSI	4.3		4.4	4.4	4.2	4.2	4.2	4.4	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC			0	1	4	4	4	1	0	0
#TC BIT	77									
%Bad Jnts PCC			0	0	14	14	15	0	0	0
Faulting			0.23	0.43	0.44	0.53	0.49	0.58	0.59	0.61
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	410.77	420.02	1	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit	82									
NSI PCC	100	100	100	99	94	88	98	99	99	91
IRI			1.37	1.16	1.20	1.17	1.21	1.18	1.21	1.24
PSI	4.3		4.3	4.5	4.4	4.3	4.4	4.4	4.4	4.4
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	0	0	0	0
#TC BIT	73									
%Bad Jnts PCC	0	0	0	0	6	13	1	0	0	0
Faulting			0.26	0.41	0.60	0.55	0.52	0.48		0.40
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



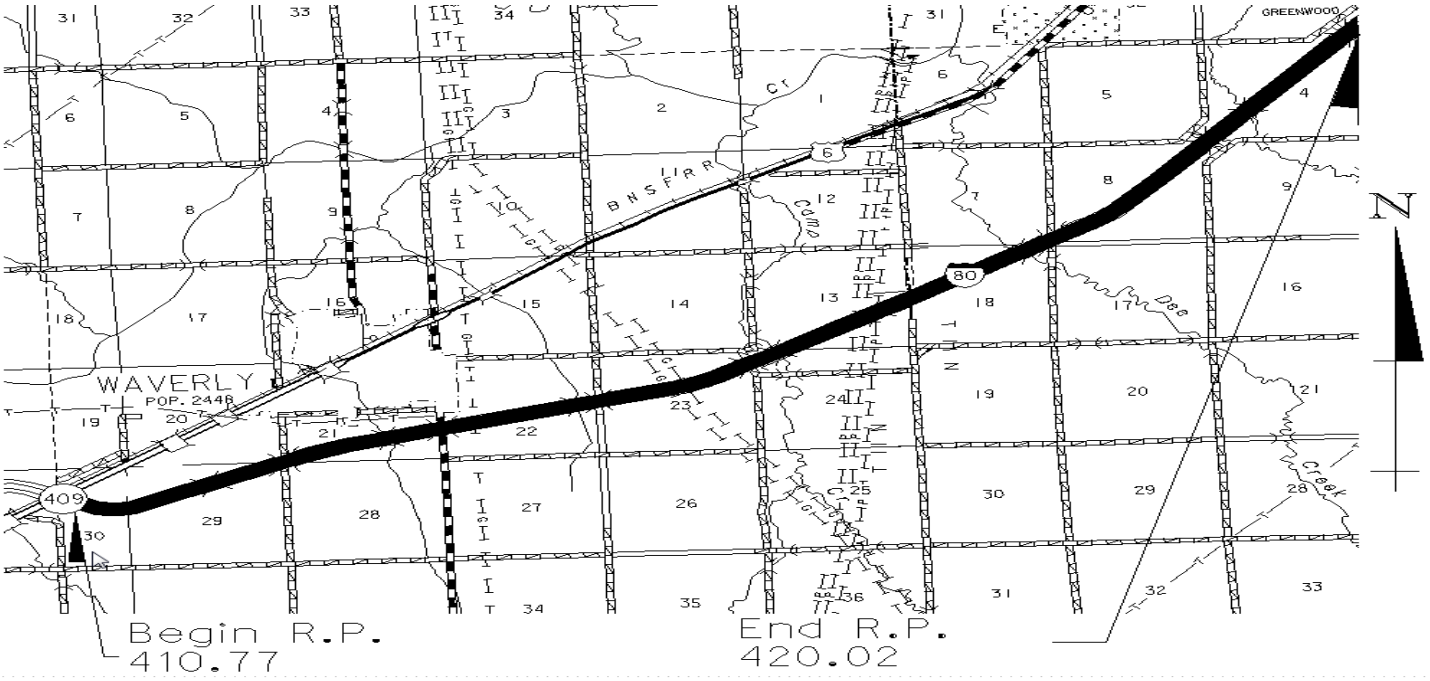
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	410.77 - 420.02	9.25	1	WAVERLY-GREENWOOD	50300	8020

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-NH-80-9(842)	36'	16' 6"	Doweled	6" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	2013			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	7			100.0	100.0	8			2037	2043
Descending	8	7			100.0	100.0	8			2036	2042

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2010	6-LANE GR STR SURF DETOUR	410.450-420.020	12469	IM-NH-80-9(842)
2021	Conc Repair, Joint Seal	406.590-420.020	13304	NH-80-9(97)



Comments:

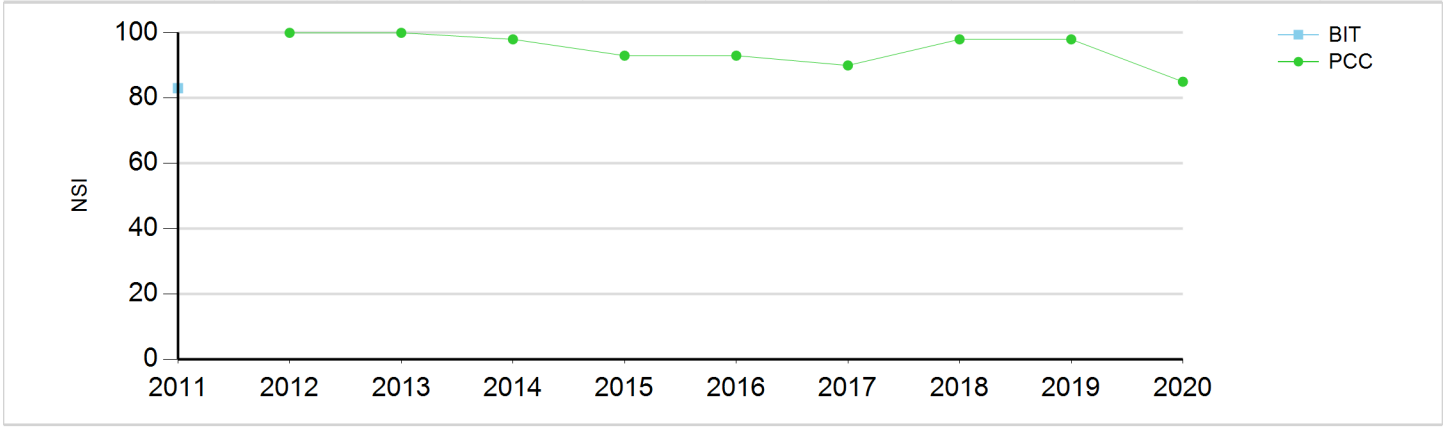
Built by Constructors in 2012. Under warranty until 2021/2022.
Air clustering w/13-15% air in some cases. Tears due to dry PCC at edge of paver.
Found shrinkage cracks @ 411.8 EB in 2013. Sent photos to Tom for monitoring. Multiple dips present. Tom may start using safety language/7 day stipulation in warranty to fix spalls rather than using maintenance. 2017 ITF - Few spalls present but nothing worth a lane closure per DE.
Program PCC Repair for Approx. 2020.

Warranty for EB Lanes 3,4,5 until Jul 1 2021, EB Lanes 1,2 until March 1 2022, WB Lanes until Dec 1 2022. Contractor has declined to review data last 2 years per Mark O.
2019 ITF - General Question from DE - Include approach lifting with joint seals? PCC repairs?
2020 ITF - CN 13304 Will address warranty work in 2021 as part of a larger project. Tom had approaches lifted at scales. Much better.
2021- Confirm 2021 programmed project.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	420.02	425.82	1	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit	83									
NSI PCC		100	100	98	93	93	90	98	98	85
IRI		1.49	1.49	1.43	1.42	1.46	1.50	1.48	1.50	1.50
PSI	4.1	4.2	4.2	4.3	4.2	4.2	4.1	4.2	4.2	4.2
Crkng Index BIT										
Slab Distrs PCC		0	0	0	0	0	0	0	0	0
#TC BIT	100									
%Bad Jnts PCC		0	0	0	6	6	10	0	0	0
Faulting		0.13	0.22	0.60	0.57	0.69	0.60	0.64	0.69	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



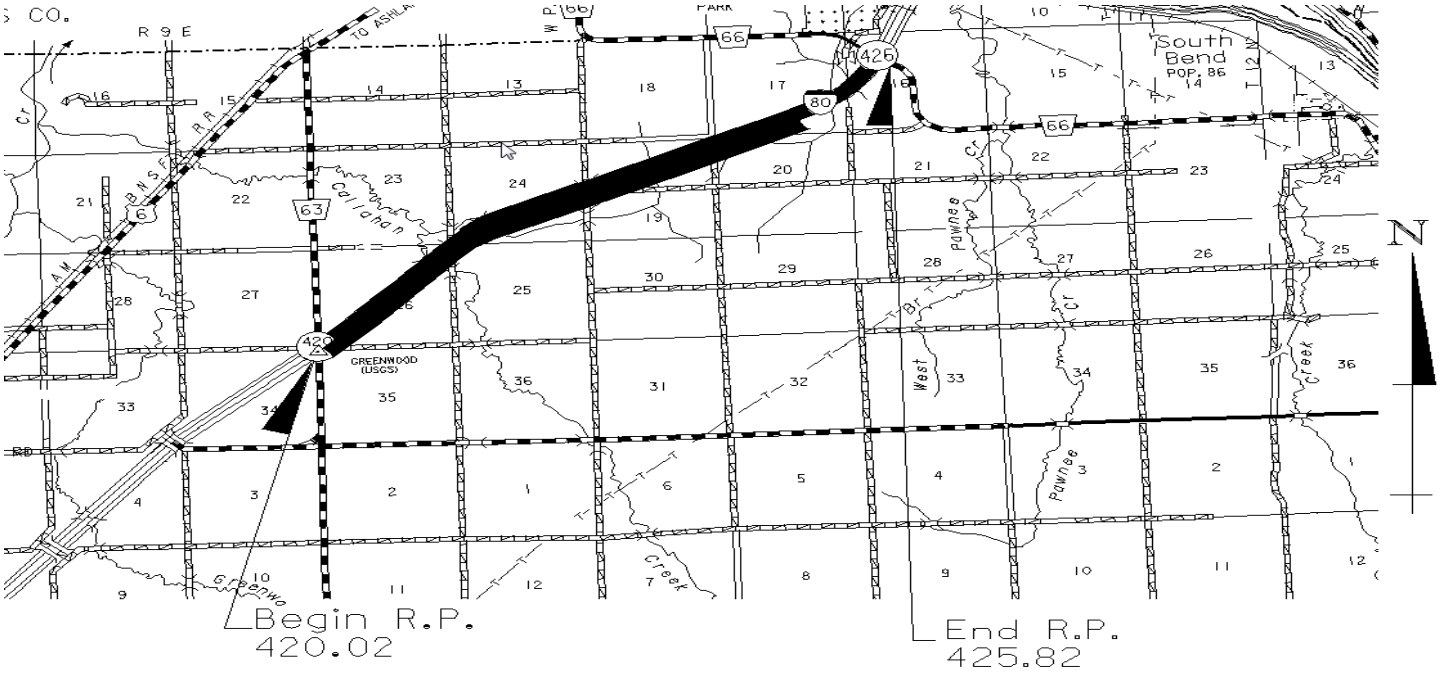
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	420.02 - 425.82	5.80	1	GREENWOOD-JCT N66	25276	4018

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(832)	36'	16' 6"	Doweled	6" Granular?

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	2012			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	8			100.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2009	6-LANE GR CULV SURF S-SHLD	420.020-425.800	12450A	NH-80-9(832)
2022	Joint Seal	420.020-425.870	13218	NH-80-9(73)



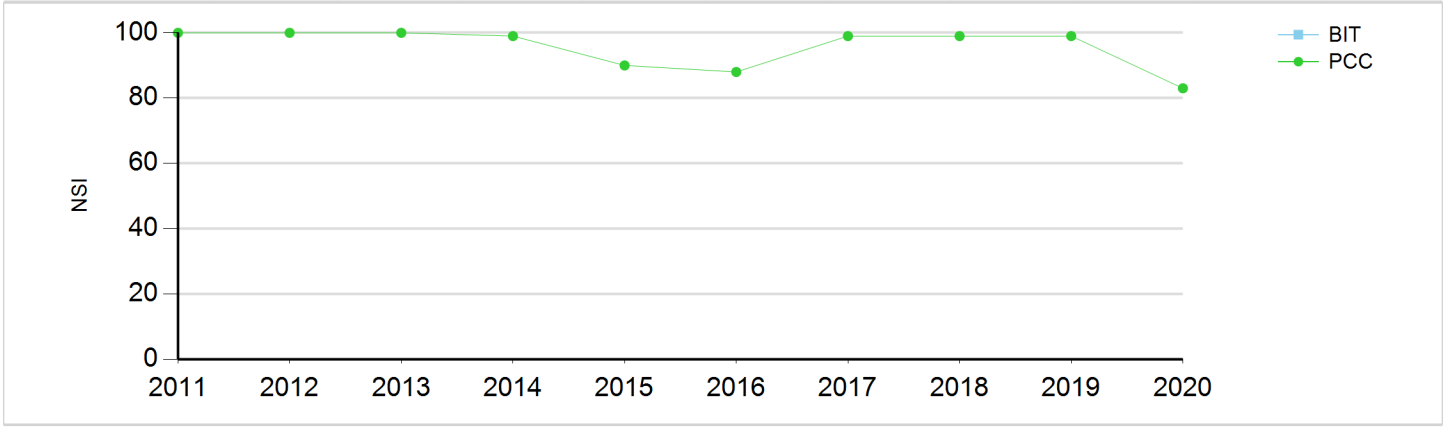
Comments:

2020 ITF - CN 13218 Got delayed. Will be constructed Winter 2021.
2021- Confirmed project let 8/26/21 (CN 13218)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	420.02	425.87	1	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit										
NSI PCC	100	100	100	99	90	88	99	99	99	83
IRI		1.22	1.28	1.20	1.21	1.18	1.27	1.26	1.29	1.27
PSI		4.4	4.3	4.4	4.3	4.3	4.3	4.4	4.3	4.4
Crkng Index BIT										
Slab Distrs PCC	0	0	2	4	4	4	4	0	2	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	8	10	0	0	0	0
Faulting		0.16	0.22	0.43	0.54	0.53	0.55	0.47		0.59
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



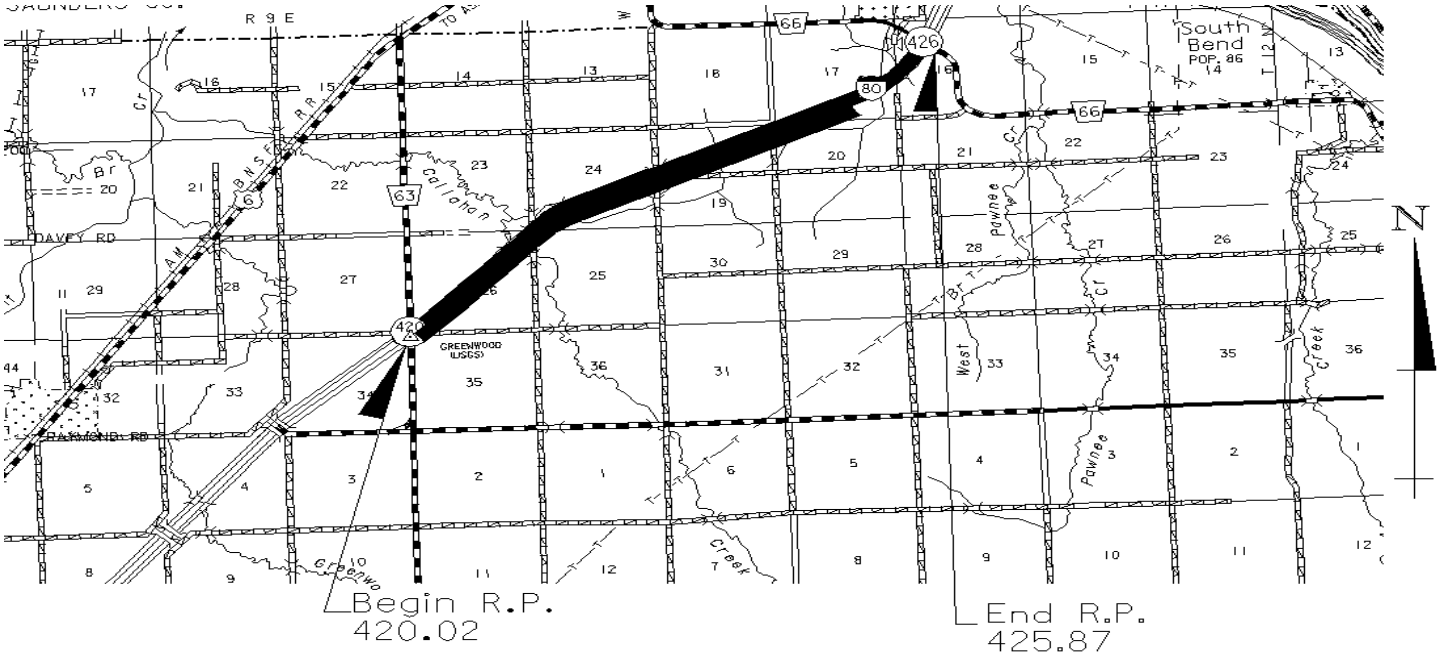
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	420.02 - 425.87	5.85	1	GREENWOOD-JCT N66	25276	4018

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(832)	*36'	16' 6"	Doweled	6" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	2012			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	8				100.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2009	6-LANE GR CULV SURF S-SHLD	420.020-425.800	12450A	NH-80-9(832)
2022	Joint Seal	420.020-425.870	13218	NH-80-9(73)

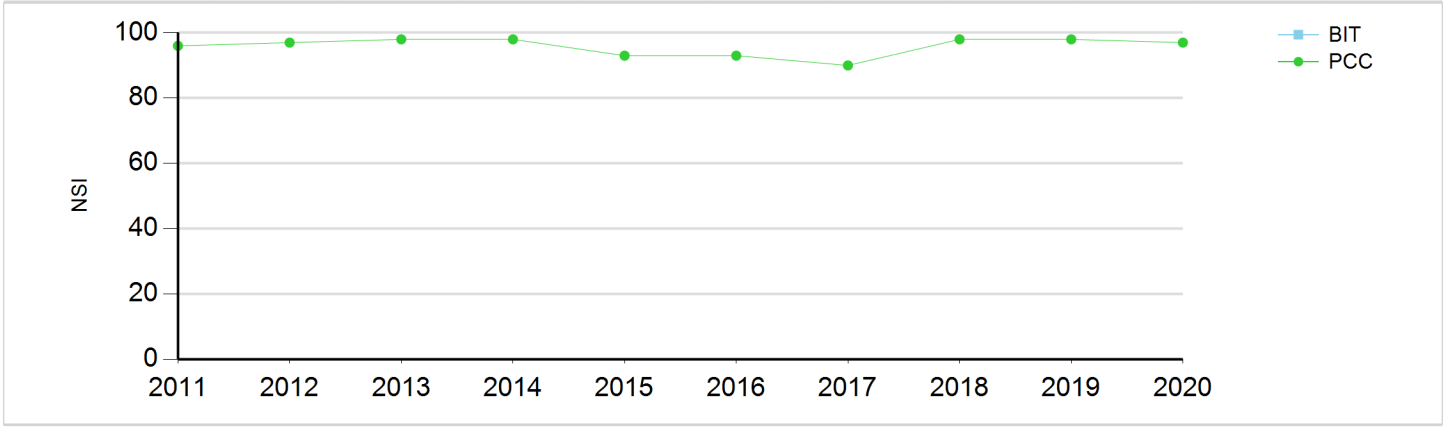


Comments:

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	425.82	427.45	1	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit										
NSI PCC	96	97	98	98	93	93	90	98	98	97
IRI	1.64	1.54	1.62	1.52	1.54	1.48	1.59	1.62	1.67	1.61
PSI	4.1	4.2	4.1	4.2	4.1	4.1	4.0	4.1	4.1	4.1
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	3	3	3	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	6	6	10	0	0	0
Faulting	1.55	1.62	1.13	0.64	0.77	0.87	0.62	0.63	0.71	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	425.82 - 427.45	1.63	1	JCT N66-PLATTE RIVER	25993	4028

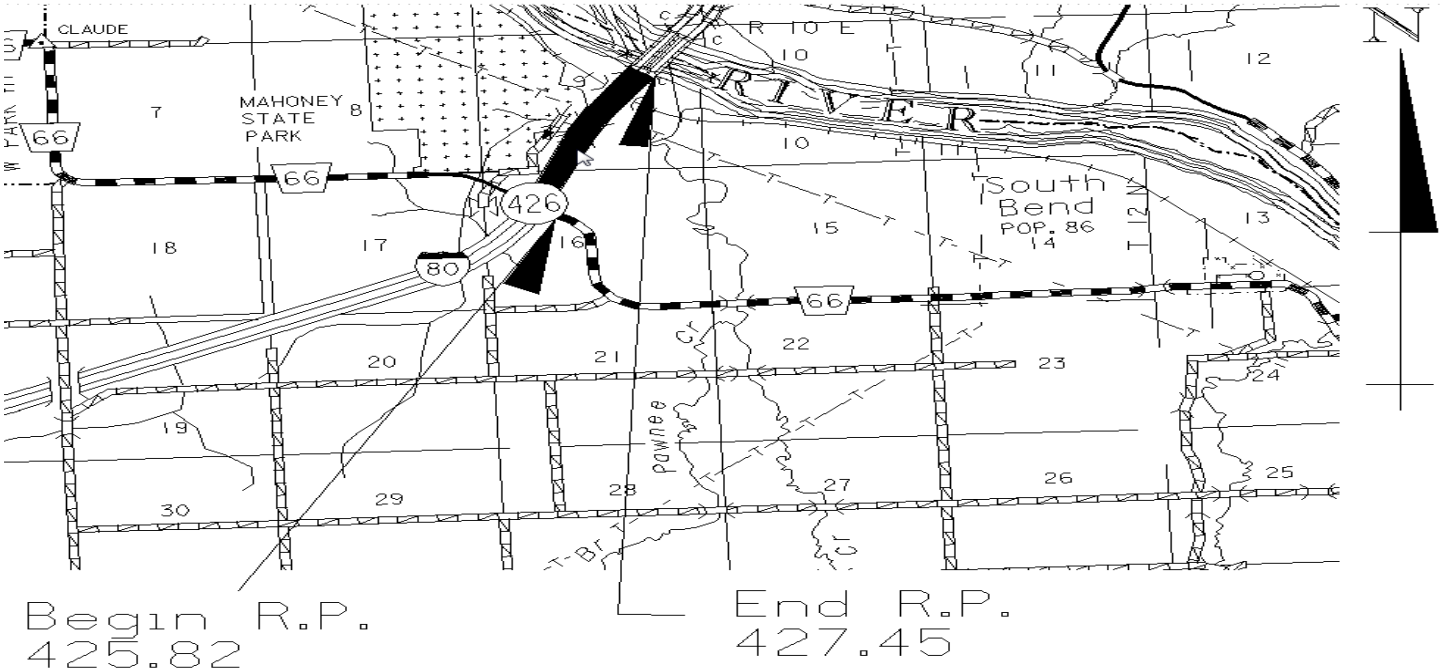
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(823)	*36'	16' 6"	Doweled	5" Crushed Conc or Bit

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2009			

*Mainline 36' Wide, Concrete 12' inside and 12' PCC Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	11	23.0	9.0	67.0	100.0	8			2038	2044

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2006	6-LANE GR STR SURF	425.800-427.290	12450	NH-80-9(823)
2022	Joint Seal	420.020-425.870	13218	NH-80-9(73)

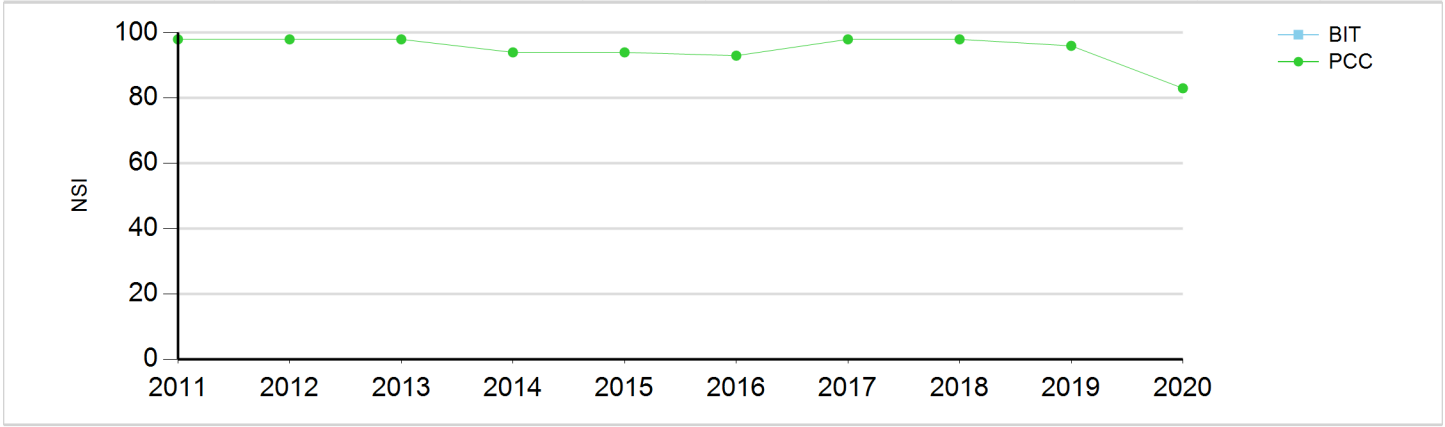


Comments:

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	425.87	427.45	1	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit										
NSI PCC	98	98	98	94	94	93	98	98	96	83
IRI	1.64	1.63	1.72	1.61	1.62	1.63	1.68	1.74	1.78	1.75
PSI	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	4.0
Crkng Index BIT										
Slab Distrs PCC	0	0	0	6	6	6	6	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	3	3	3	0	0	2	0
Faulting	0.71	0.53	0.96	0.55	0.85	1.27	0.88	0.72		0.85
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	425.87 - 427.45	1.58	1	JCT N66-PLATTE RIVER	26015	4028

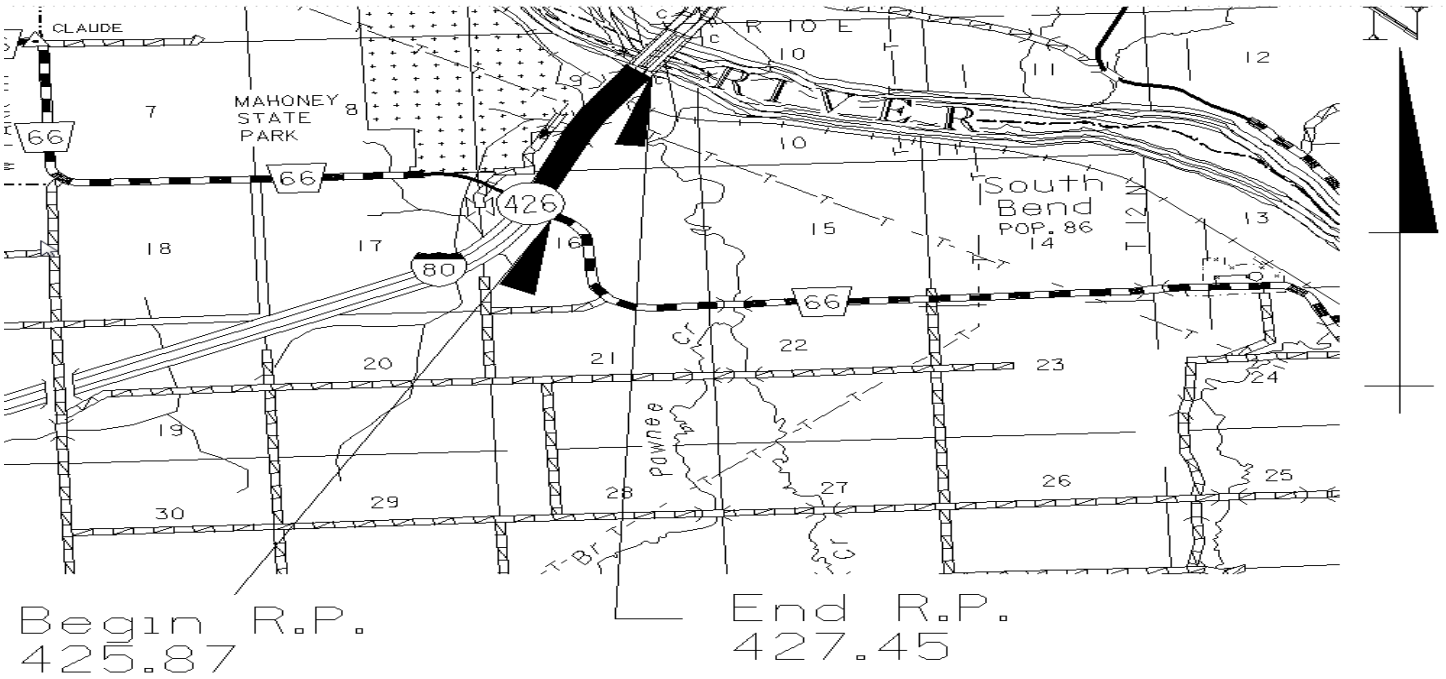
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(823)	*36'	16' 6"	Doweled	5" Crushed conc or bit

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2009			

*Mainline 36' Wide, Concrete 12' inside and 12' PCC Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	8		24.0	9.0	66.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2006	6-LANE GR STR SURF	425.800-427.290	12450	NH-80-9(823)
2019	Br Repair/Overlay	426.970-426.970	13279	NH-80-9(84)



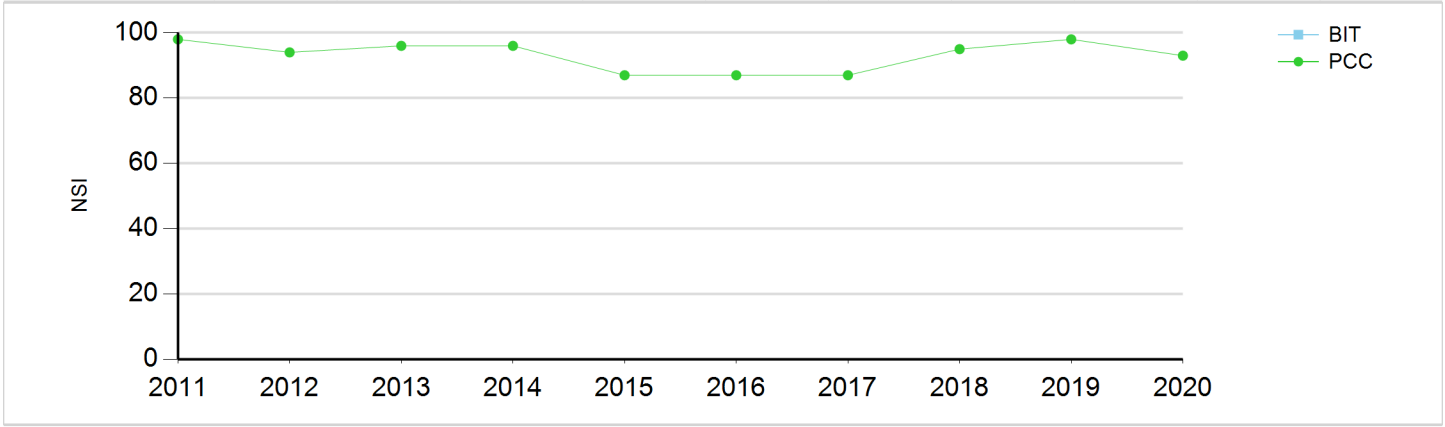
Comments:

2017 ITF - CN 13279 will apply membrane and overlay to 8 bridges in D1 and D2. Need to look at overlay between bridges due to short distances. Mick S will speak to Mark T about silane sealer as a possible alternative.

Pavement Condition History Data

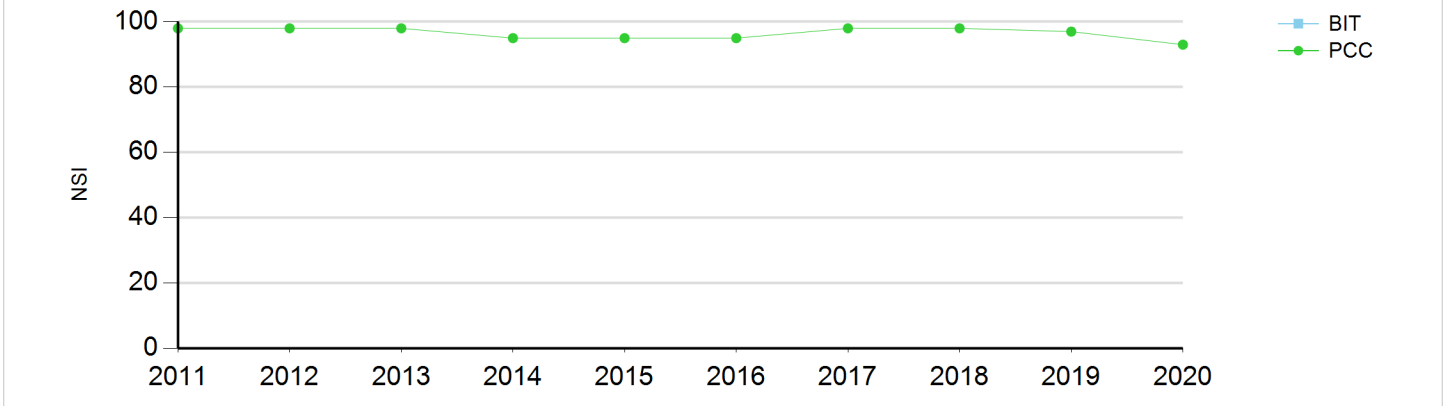
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	427.45	429.80	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit										
NSI PCC	98	94	96	96	87	87	87	95	98	93
IRI	1.40	1.23	1.31	1.19	1.30	1.20	1.33	1.42	1.53	1.59
PSI	4.3	4.4	4.3	4.4	4.1	4.2	4.1	4.2	4.2	4.1
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	6	6	6	0	0	3
#TC BIT										
%Bad Jnts PCC	0	3	3	3	13	13	13	3	0	0
Faulting	1.00	1.54	0.16	0.56	0.61	0.58	0.57	0.58	0.64	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	427.45	429.80	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit										
NSI PCC	98	98	98	95	95	95	98	98	97	93
IRI	1.59	1.56	1.73	1.58	1.54	1.57	1.66	1.73	1.78	1.89
PSI	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9
Crkng Index BIT										
Slab Distrs PCC	3	3	3	10	10	10	10	6	6	0
#TC BIT										
%Bad Jnts PCC	0	0	0	3	3	3	0	0	0	0
Faulting	0.39	0.29	0.37	0.63	0.81	0.76	0.81	0.65		0.97
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	427.45 - 429.80	2.35	2	PLATTE RIVER EAST	52250	8060

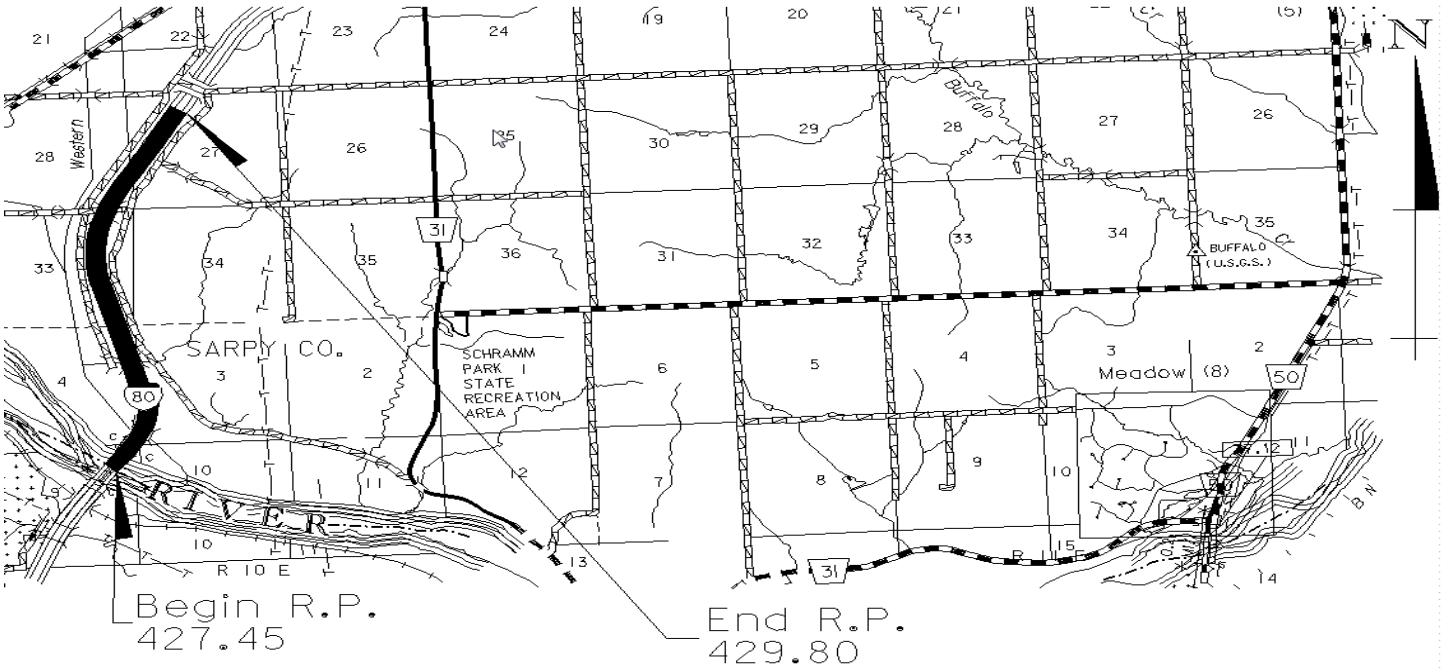
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(823)	*36'	16' 6"	Doweled	5" Crushed conc or bit

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2009			

*Mainline 36' Wide, 12' Concrete inside and Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	1		5.0	5.0	88.0	100.0	8			2037	2043
Descending	1		5.0	5.0	88.0	100.0	8			2037	2043

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2013	Joint Seal	427.450-442.350	22201	IM-80-9(63)
2021	Conc Repair, Joint Seal	427.450-442.350	13305	NH-80-9(98)



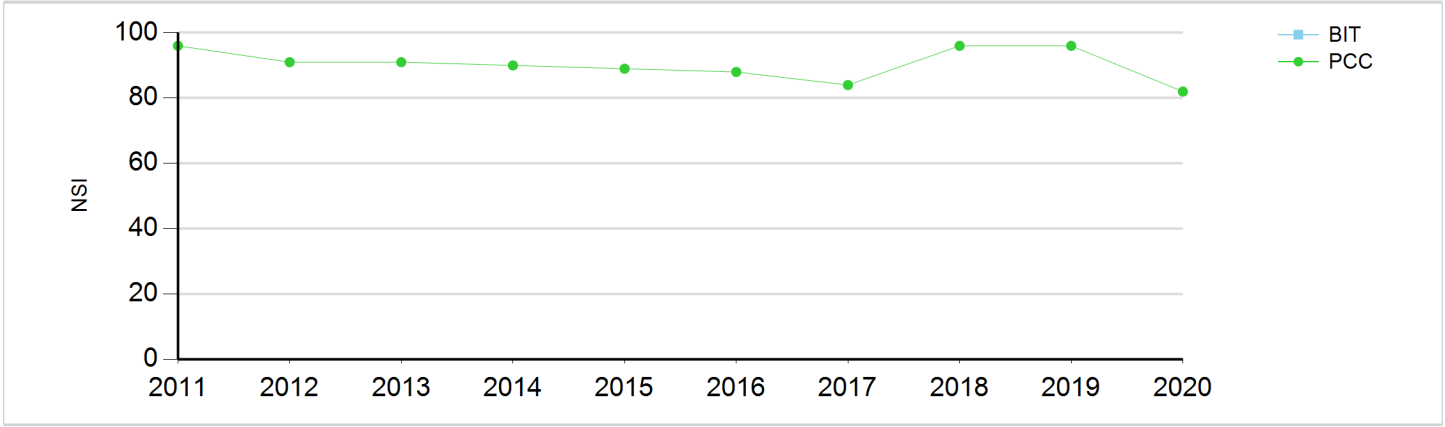
Comments:

2017 - Matt B. found approximately 10 cracked slabs in WB middle lane before bridge.
2019 - ITF - Bridge overlay delayed a year due to flooding. Program next joint seal.
2020 - ITF - Program Joint Seal 427.45 - 442.35
2021- Conc repair, Joint seal 2021

Pavement Condition History Data

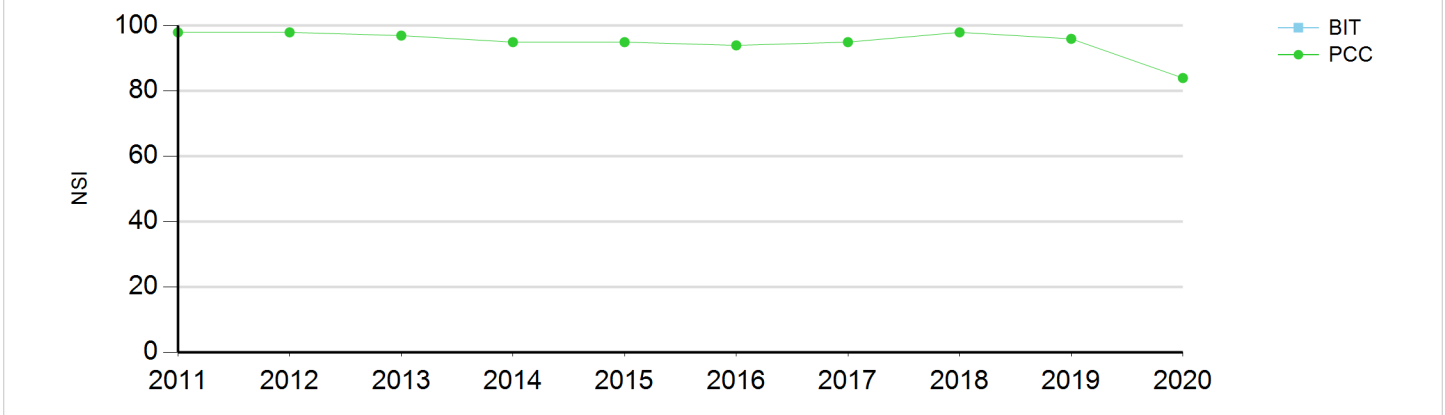
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	429.80	438.69	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	4	5	6	7	8	9	10	11	12	13
NSI Bit										
NSI PCC	96	91	91	90	89	88	84	96	96	82
IRI	1.30	1.38	1.33	1.22	1.22	1.23	1.30	1.24	1.27	1.26
PSI	4.3	4.2	4.2	4.3	4.3	4.3	4.2	4.3	4.3	4.4
Crkng Index BIT										
Slab Distrs PCC	0	2	3	3	3	4	5	6	0	2
#TC BIT										
%Bad Jnts PCC	1	4	4	5	6	7	12	0	3	0
Faulting	0.58	0.72	0.71	0.59	0.75	0.78	0.64	0.64	0.75	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	429.80	438.69	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	4	5	6	7	8	9	10	11	12	13
NSI Bit										
NSI PCC	98	98	97	95	95	94	95	98	96	84
IRI	1.41	1.43	1.54	1.18	1.14	1.19	1.31	1.40	1.45	1.43
PSI	4.3	4.2	4.2	4.4	4.4	4.4	4.3	4.3	4.2	4.3
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	3	3	4	2	0	0
#TC BIT										
%Bad Jnts PCC	0	0	1	4	4	4	3	0	2	0
Faulting	1.14	1.19	0.89	0.50	0.64	0.63	0.63	0.66		0.74
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	429.80 - 438.69	8.89	2	GRETNA WEST-JCT N370	53626	8330

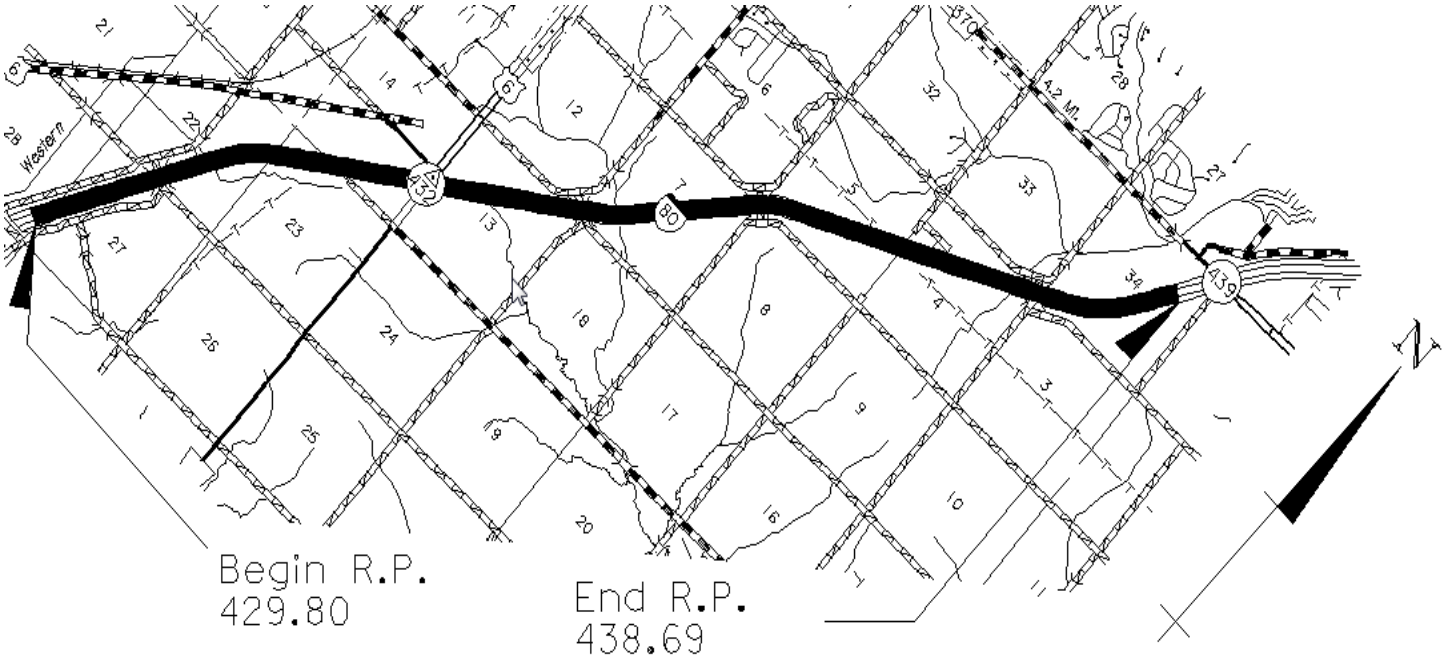
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACNH-80-9(809)	*36'	16' 6"	Doweled	5" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2007			

*Mainline 36' Wide, Concrete 12' inside and 12' PCC Outside Shoulder

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	13			100.0	100.0	8			2027	2033
Descending	8	13			100.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2003	6-LANE GR CULV SURF S-SHLD	429.930-438.660	21927	EACNH-80-9(809)
2013	Joint Seal	427.450-442.350	22201	IM-80-9(63)
2021	Conc Repair, Joint Seal	427.450-442.350	13305	NH-80-9(98)



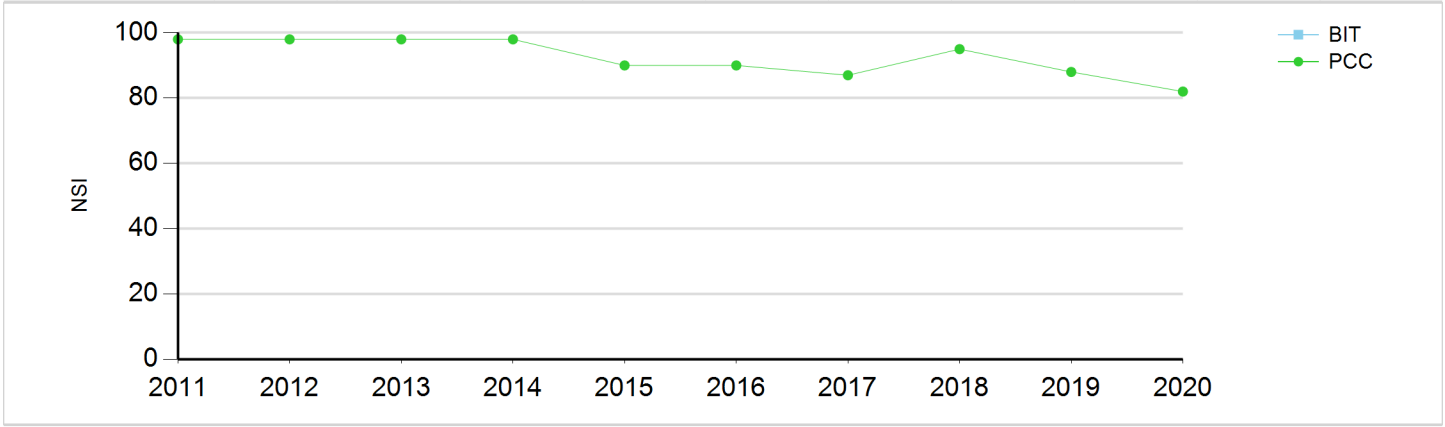
Comments:

Built by Hawkins 2005-2009 under CN 21927 Ruff Rd to N370.
Dry mix and poor consolidation. Grinding bumps exposed tears. Long line of trucks backed up in front of paver with some backing around piles to add fresh PCC per DOT commuter. No warranty, some immediate repairs made during construction after which project was accepted.
2011 ITF - Exit 432 ramps rough
2013 M&R inspection - Multiple cracked panels, corner cracks and a few maintenance patches, $130K repair estimate.
2017 ITF - CN 22624 addresses Hwy 50 Ramps.
2019 - Program next Joint Seal.
2020 ITF - Program Joint Seal. Add PCC repair based on age (will be close to 20 years old) and history. Program MTIS E3 (186th DDI) in 2025? Sarpy Co. paying.

Pavement Condition History Data

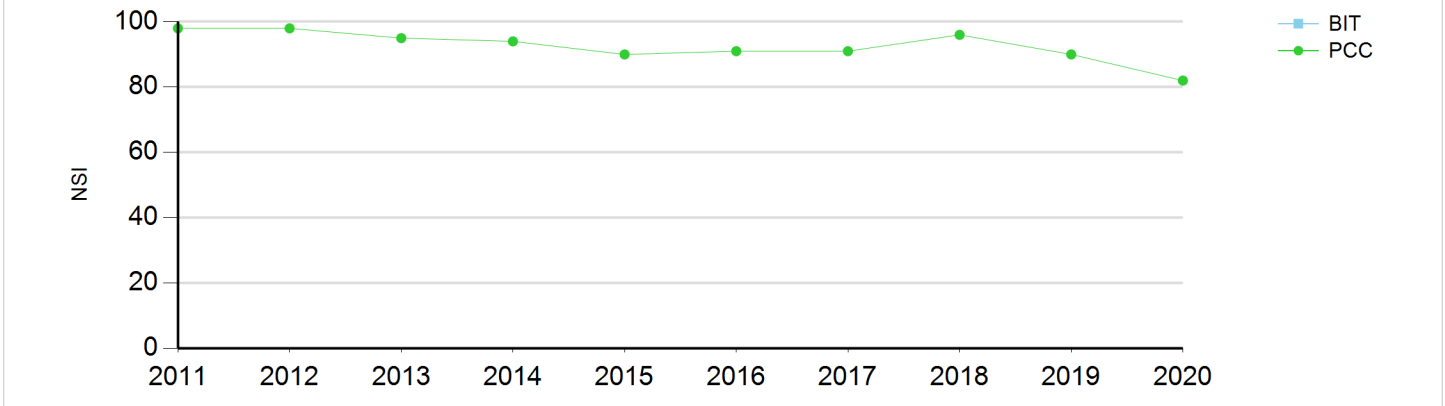
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	438.69	440.81	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	7	8	9	10	11	12	13	14	15	16
NSI Bit										
NSI PCC	98	98	98	98	90	90	87	95	88	82
IRI	1.45	1.52	1.56	1.37	1.40	1.38	1.48	1.48	1.55	1.53
PSI	4.2	4.2	4.1	4.3	4.2	4.2	4.1	4.1	4.1	4.2
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	0	6	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	10	10	13	3	10	0
Faulting	1.06	1.07	1.02	0.73	0.80	0.87	0.77	0.70	0.77	
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	438.69	440.81	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	7	8	9	10	11	12	13	14	15	16
NSI Bit										
NSI PCC	98	98	95	94	90	91	91	96	90	82
IRI	1.37	1.33	1.39	1.29	1.37	1.32	1.34	1.33	1.42	1.41
PSI	4.3	4.3	4.2	4.3	4.2	4.2	4.2	4.3	4.2	4.3
Crkng Index BIT										
Slab Distrs PCC	3	3	3	3	3	3	3	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	3	3	6	6	6	3	10	0
Faulting	0.66	0.74	0.77	0.80	0.93	0.90	0.73	0.74		0.86
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	438.69 - 440.81	2.12	2	MILLARD WEST	64784	9326

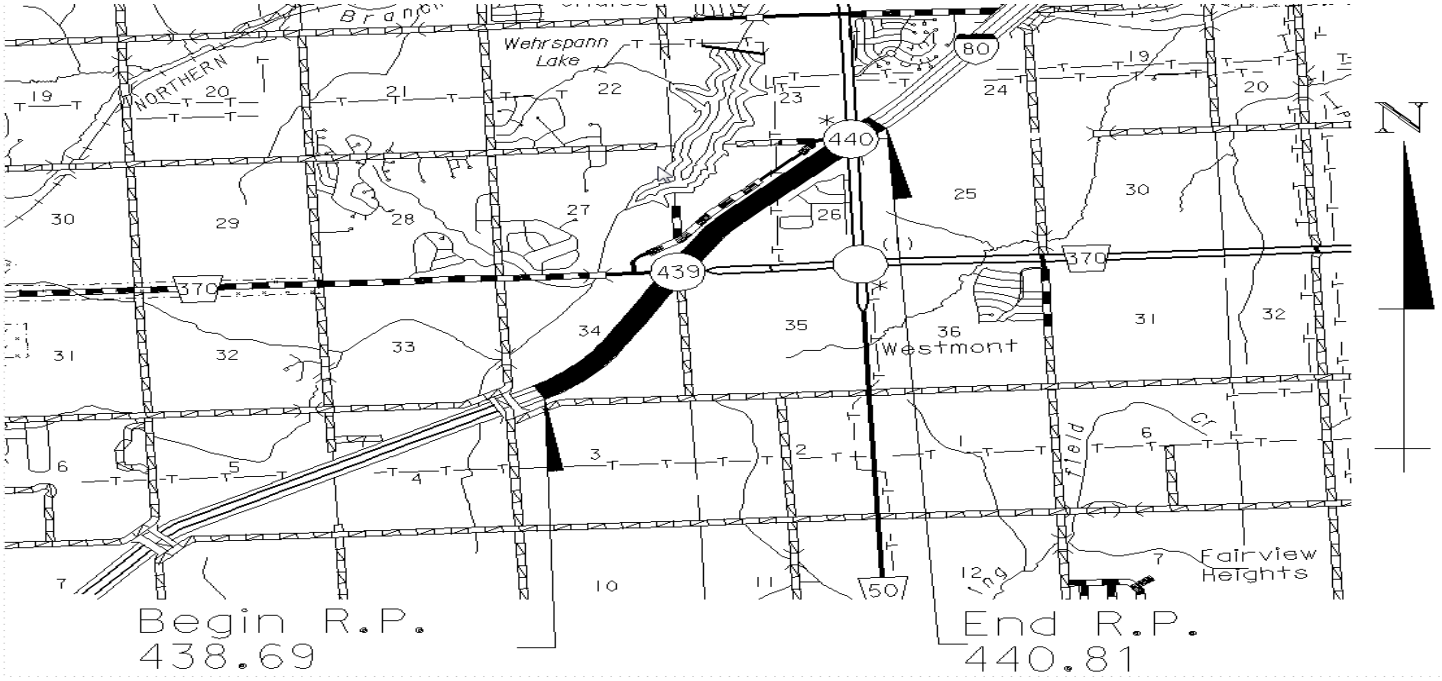
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACNH-80-9(808)	*36'	16' 6"	Doweled	5" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2004			

*Mainline 36' wide, Concrete 10-12.5' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	16			100.0	100.0	8			2027	2033
Descending	8	16			100.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2002	6 LANE GR CULV SURF S-SHLD	438.660-440.800	21926	EACNH-80-9(808)
2013	Joint Seal	427.450-442.350	22201	IM-80-9(63)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2018	Conc Repair, Joint Repair	438.580-439.530	22624	NH-80-9(91)
2021	Conc Repair, Joint Seal	427.450-442.350	13305	NH-80-9(98)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)



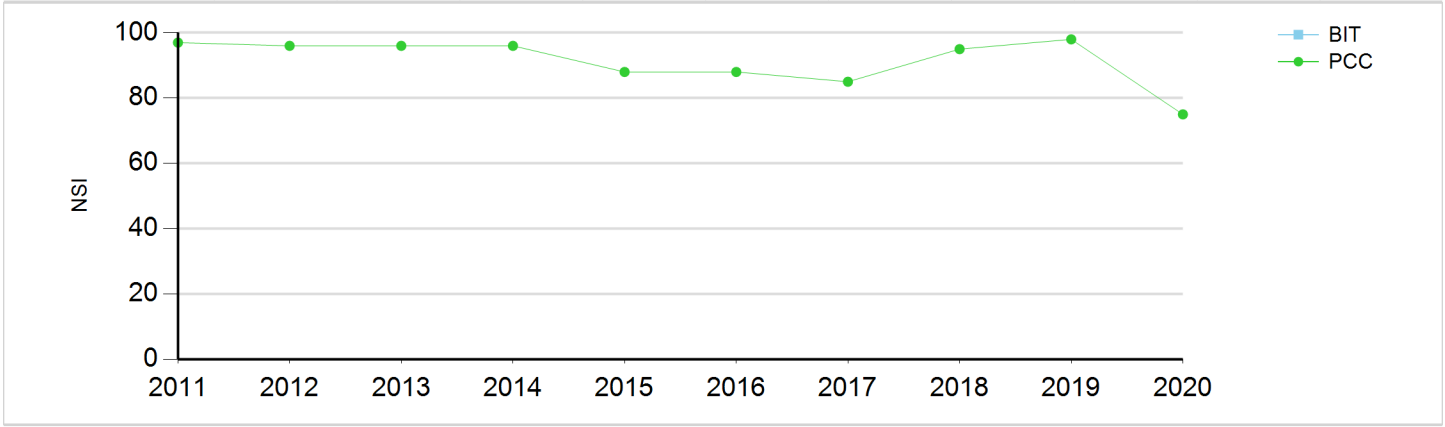
Comments:

Program Jnt Seal/Rpr this segment and next. Combined under CN 13305 425.82 - 442.35 in 2021
2019 - Investigate CN 13305 joint seal. Doesn't show up in book.
This segment needs Concrete Sealer based on 2018 BD/BV review of 95-05 PCC.
2020 ITF - Add repair and Concrete Sealer. Look at 425 to 442.
2021- Check RP 425-442

Pavement Condition History Data

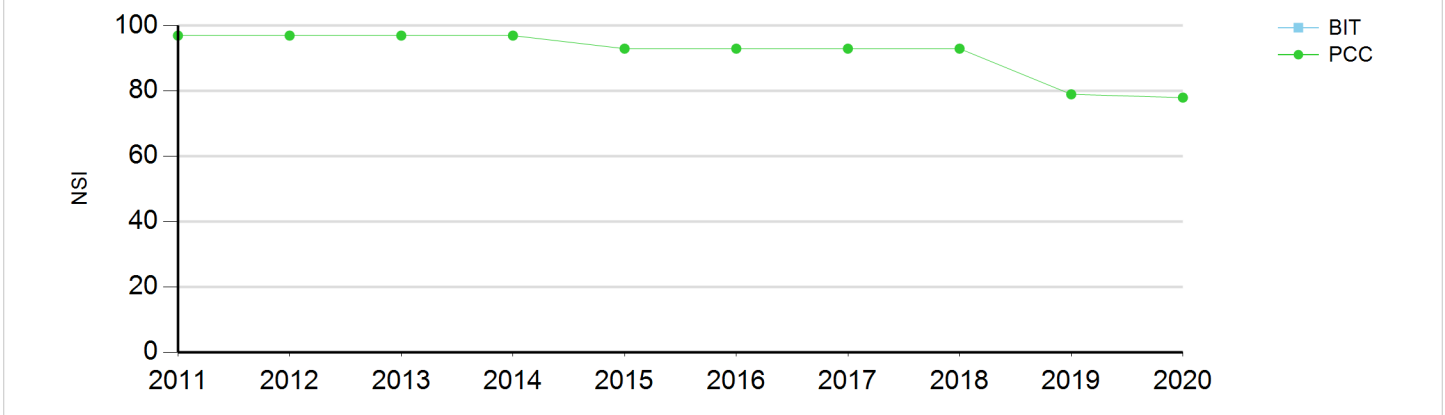
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	440.81	442.35	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	8	9	10	11	12	13	14	15	16	17
NSI Bit										
NSI PCC	97	96	96	96	88	88	85	95	98	75
IRI	1.36	1.45	1.43	1.33	1.32	1.32	1.44	1.45		1.50
PSI	4.3	4.2	4.2	4.3	4.2	4.2	4.1	4.2		4.2
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	3	3	3	3	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	10	10	13	0	0	0
Faulting	1.11	0.95	0.98	0.67	0.79	0.86	0.62	0.67		
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	440.81	442.35	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	8	9	10	11	12	13	14	15	16	17
NSI Bit										
NSI PCC	97	97	97	97	93	93	93	93	79	78
IRI	1.43	1.43	1.52	1.53	1.48	1.46	1.53	1.56	1.63	1.57
PSI	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.1	3.9	4.1
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	0	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	3	3	3	6	23	3
Faulting	0.76	0.74	0.77	0.60	0.91	0.72	0.57	0.51		0.71
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	440.81 - 442.35	1.54	2	MILLARD EAST	79810	10794

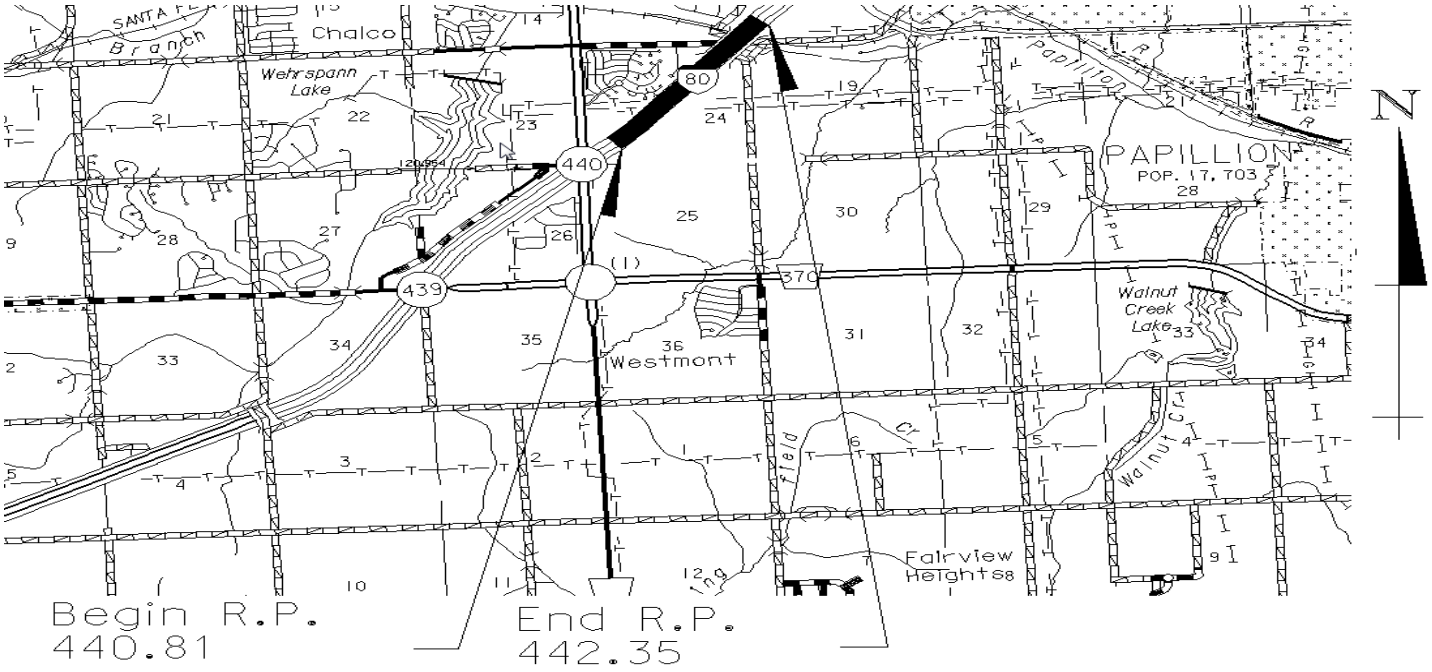
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACNH-80-9(802)	*36'	16' 6"	Doweled	4" Crushed Conc

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2003			

*Mainline 36' wide, Concrete 12.5' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	17			100.0	100.0	8			2023	2029
Descending	8	17			100.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	6-LANE GR CULV SURF S-SHLD	440.800-442.350	21868	EACNH-80-9(802)
2013	Joint Seal	427.450-442.350	22201	IM-80-9(63)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2021	Conc Repair, Joint Seal	427.450-442.350	13305	NH-80-9(98)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)



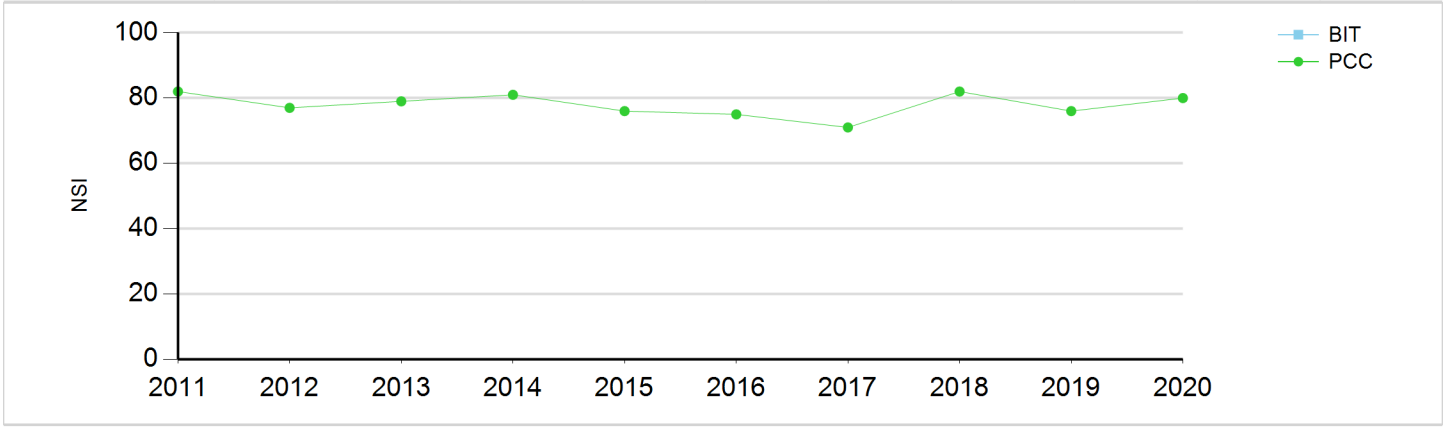
Comments:

Program MTIS E2 (N-50 Ramp capacity) for 2026.

Pavement Condition History Data

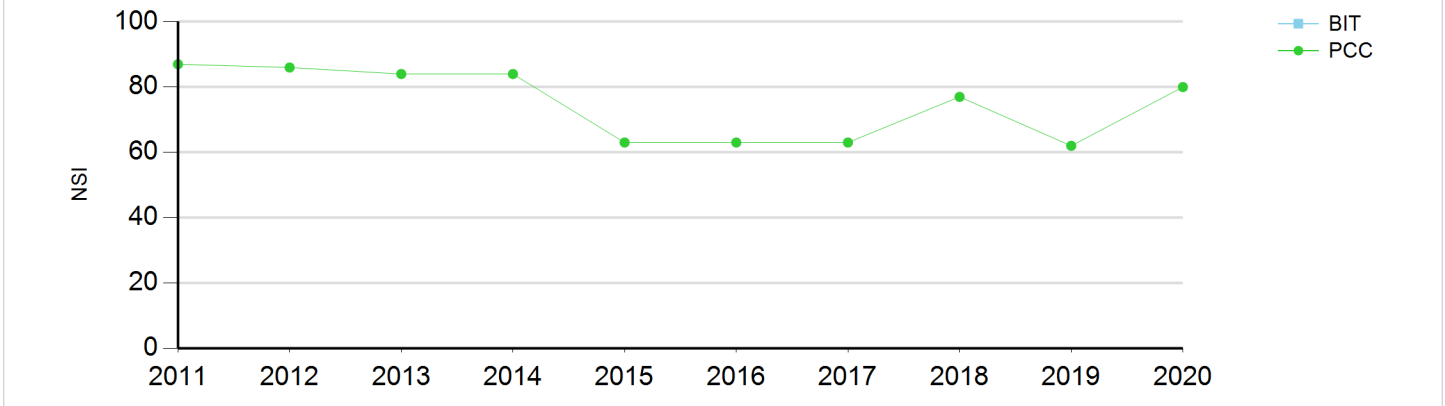
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	442.35	444.23	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	12	13	14	15	16	17	18	19	20	21
NSI Bit										
NSI PCC	82	77	79	81	76	75	71	82	76	80
IRI	1.45	1.34	1.48	1.21	0.78	0.79	0.95	1.03		1.15
PSI	4.1	4.1	4.0	4.2	4.4	4.4	4.2	4.5		4.5
Crkng Index BIT										
Slab Distrs PCC	13	13	13	13	13	13	13	0	0	0
#TC BIT										
%Bad Jnts PCC	0	3	3	3	10	10	16	0	6	0
Faulting	2.14	2.42	2.77	1.20	0.84	0.72	0.60	0.64		
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	442.35	444.23	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	12	13	14	15	16	17	18	19	20	21
NSI Bit										
NSI PCC	87	86	84	84	63	63	63	77	62	80
IRI	1.16	1.19	1.30	1.28	1.35	0.71	0.84	0.94	1.06	1.09
PSI	4.4	4.4	4.3	4.3	4.1	4.5	4.4	4.5	4.2	4.5
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	3	3	10	3	0	0
#TC BIT										
%Bad Jnts PCC	0	0	3	3	13	13	13	6	26	0
Faulting	1.63	1.94	2.67	1.53	1.77	0.59	0.50	0.71		0.85
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	442.35 - 444.23	1.88	2	L STREET WEST	97420	11042

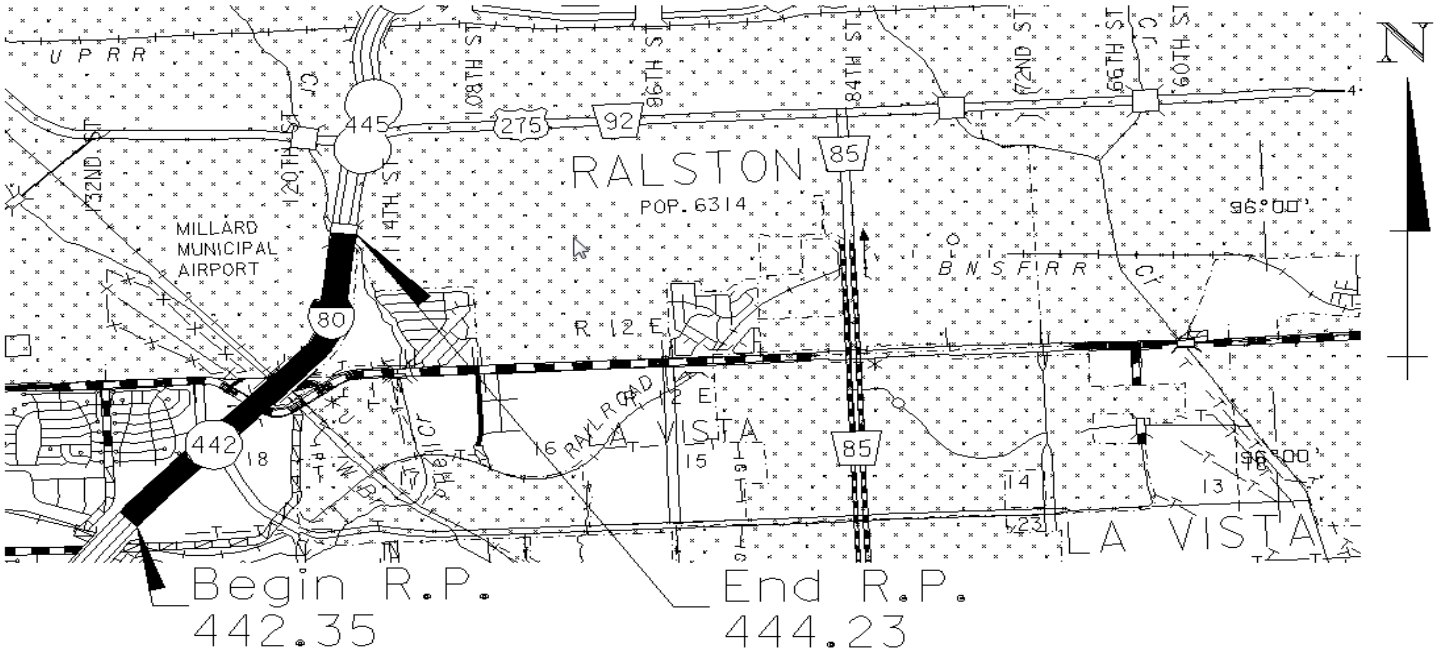
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACHN-80-9(687)	*36'	16' 6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1999			

*JTS (Not in present program)

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	21			100.0	100.0	8			2027	2033
Descending	8	21			100.0	100.0	7			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1996	GR CULV SURF	444.090-445.740	21460	IM-80-9(1062)
1998	6-LANE GR CULV SURF	442.350-444.230	21472	EACNH-80-9(687)
1999	PVMT MARKERS	443.490-450.950	21888	IM-80-9(1090)
2014	Add'l Lanes, Gr Str Surf S-Shld	442.500-447.200	22151	S-80-9(1189)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Conc Repair, Grinding	442.350-451.030	22527	IM-80-9(66)
2017	Mill, Resurf, Br Repair	442.440-443.460	22524	RD-80-9(1198)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2025	Dia Grind, PCC Repair, S-Seal	442.350-451.050	22821	NH-80-9(116)



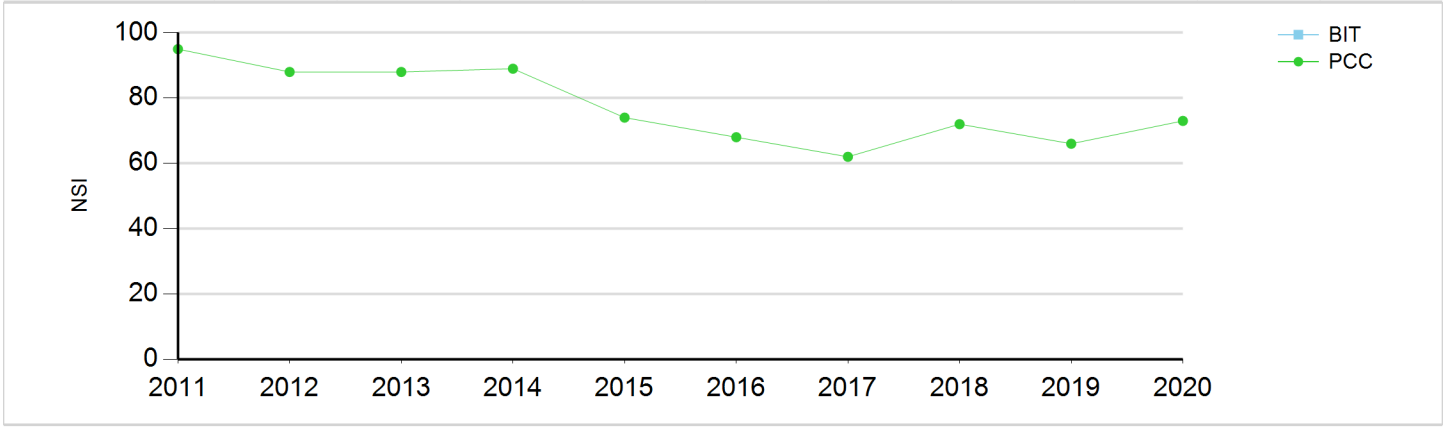
Comments:

Previous note: 442.5 - 447.20 EB clustering of air leading to cracking in W/D. Issues not noticed in field, just random coring.
2019 ITF - Program next project. Joint Seal?
This segment needs Concrete Sealer based on 2018 BD/BV review of 95-05 PCC.
2020 ITF - Add Concrete sealer? May have limited life. Grinding would remove seal.
2021- Crack seal on C-D roads & south end of 680 for 2023 District determine R.P. Program MTIS E1 (Aux. Lanes I,L,Q & Giles) in 2025.

Pavement Condition History Data

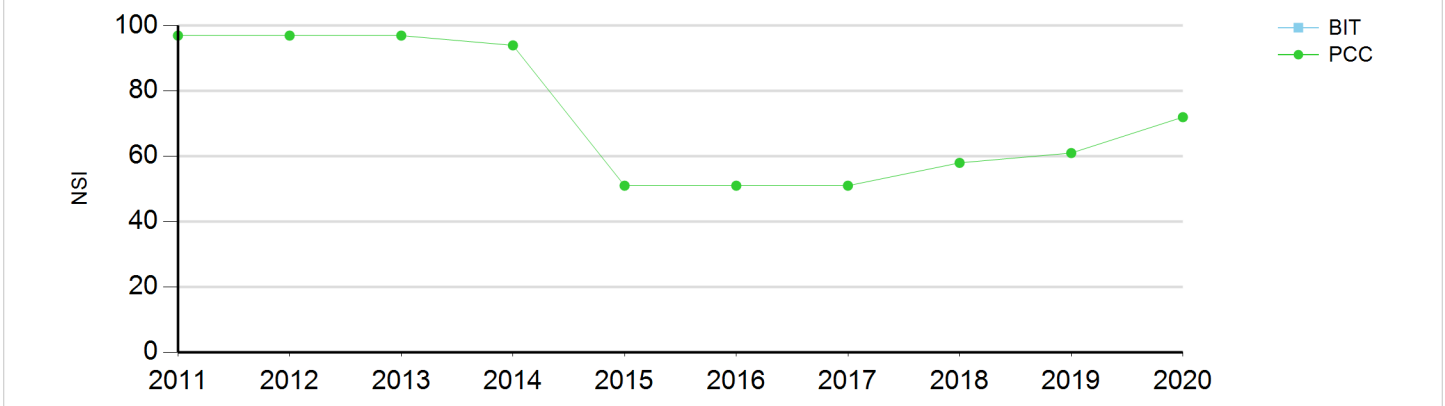
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	444.23	445.72	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	14	15	16	17	18	19	20	21	22	23
NSI Bit										
NSI PCC	95	88	88	89	74	68	62	72	66	73
IRI	1.49	1.52	1.63	1.39	0.88	0.89	0.93	1.22		1.58
PSI	4.0	3.9	3.9	4.0	4.3	4.3	4.2	4.4		4.1
Crkng Index BIT										
Slab Distrs PCC	15	15	15	15	15	15	15	0	0	0
#TC BIT										
%Bad Jnts PCC	0	5	5	5	10	10	20	0	10	0
Faulting	1.69	2.13	2.24	1.80	0.92	1.00	1.08	1.03		
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	444.23	445.72	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	14	15	16	17	18	19	20	21	22	23
NSI Bit										
NSI PCC	97	97	97	94	51	51	51	58	61	72
IRI	1.32	1.38	1.28	1.61	1.62	0.78	0.78	0.98	1.03	1.17
PSI	4.2	4.2	4.2	4.0	3.8	4.3	4.4	4.1	4.2	4.4
Crkng Index BIT										
Slab Distrs PCC	10	10	10	10	10	15	10	5	5	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	15	15	15	35	20	0
Faulting	1.20	1.25	1.17	2.04	2.48	1.02	0.89	1.04		1.49
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	444.23 - 445.72	1.49	2	JCT 680 SOUTH OMAHA	126694	11552

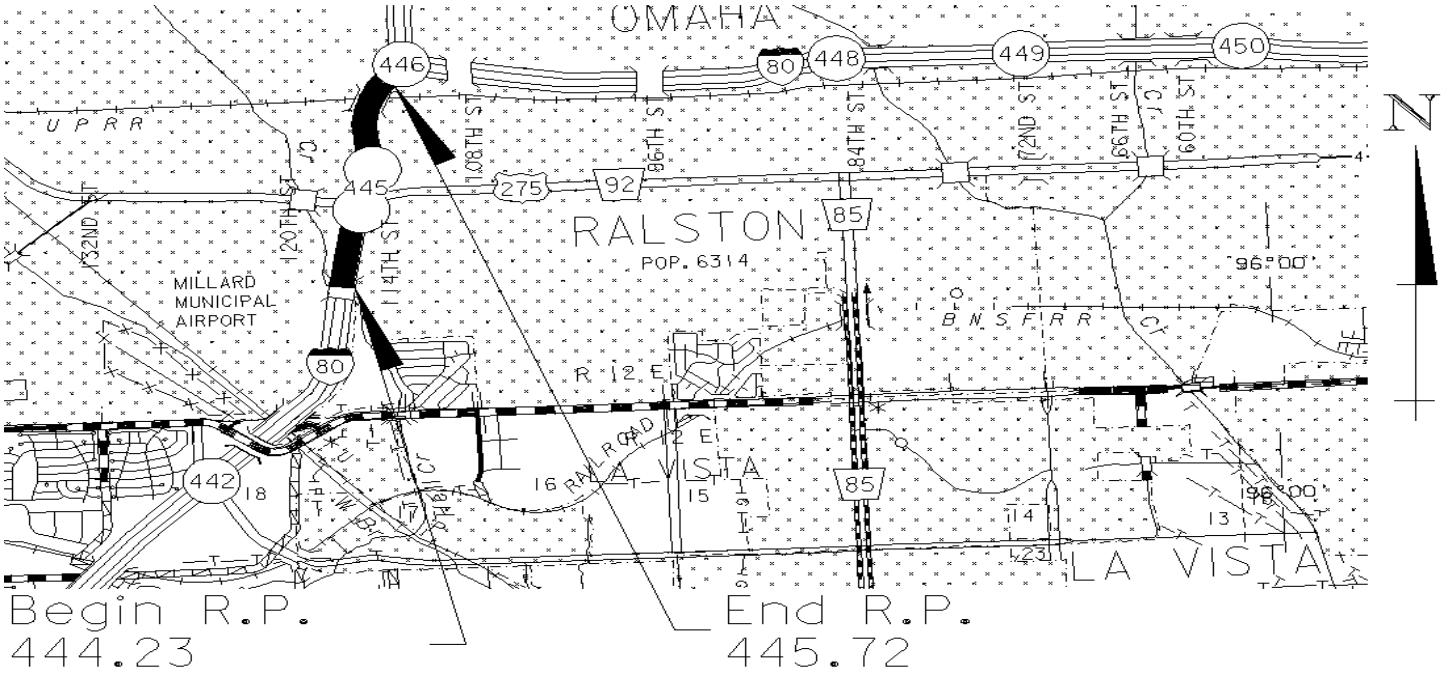
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-80-9(1062)	*36'	16' 6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1997			

*Mainline 36' wide, Concrete 10-12.5' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	23		2.0	97.0	100.0	7			2026	2032
Descending	8	23			99.0	100.0	8			2026	2032

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2014	Add'l Lanes, Gr Str Surf S-Shld	442.500-447.200	22151	S-80-9(1189)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Conc Repair, Grinding	442.350-451.030	22527	IM-80-9(66)
2018	Mill, Resurf, Br Repair	444.230-446.020	22526	S-80-9(1202)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2025	Dia Grind, PCC Repair, S-Seal	442.350-451.050	22821	NH-80-9(116)



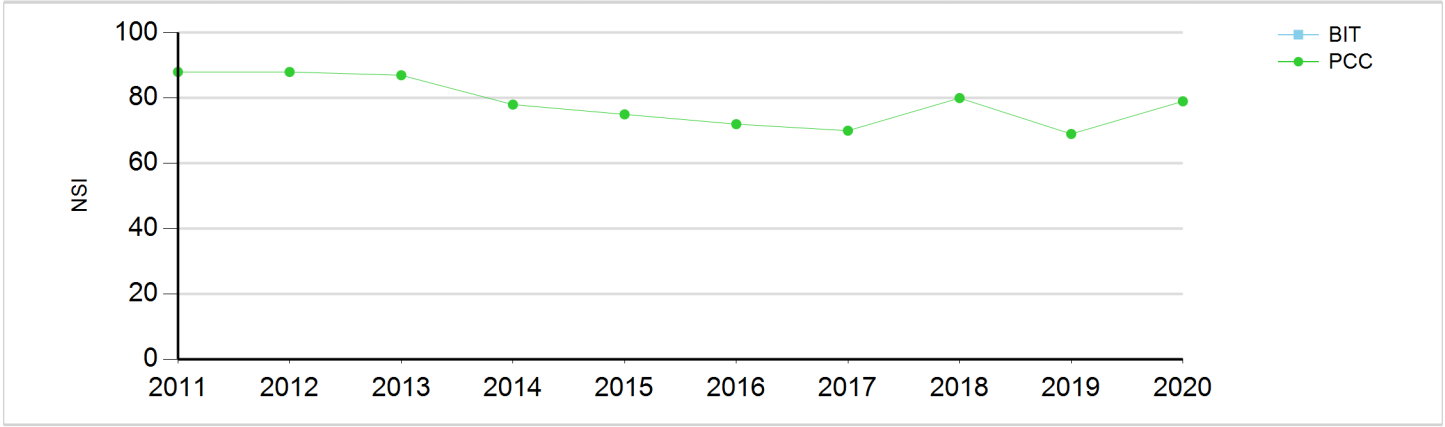
Comments:

2017 ITF - Bad approach at appr. RP 444.6, EB, Center Lane
2021- Tim Crack Seal C-D roads & south end of 680 for 2023 District determine R.P.

Pavement Condition History Data

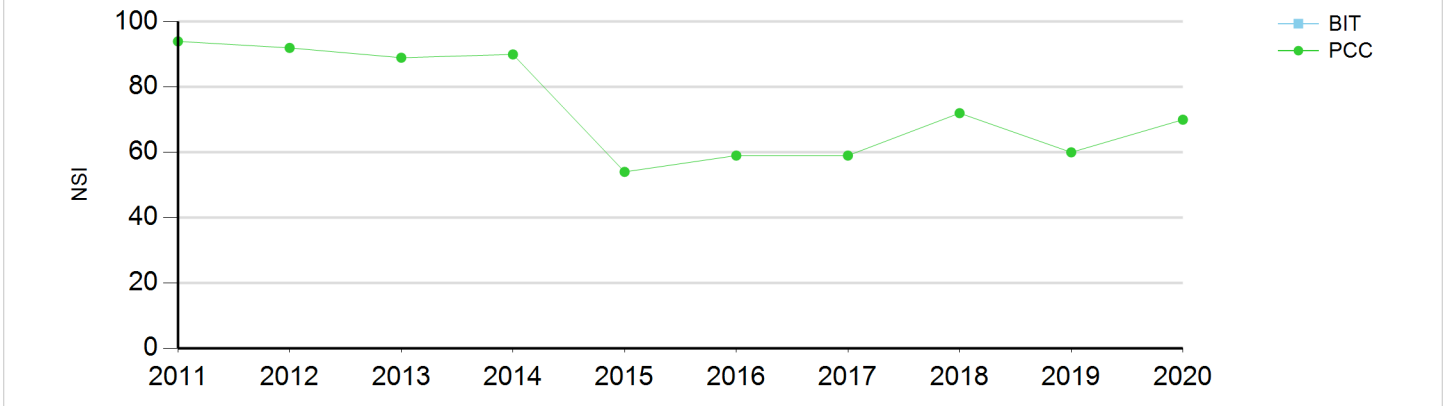
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	445.72	447.03	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	14	15	16	17	18	19	20	21	22	23
NSI Bit										
NSI PCC	88	88	87	78	75	72	70	80	69	79
IRI	1.68	1.48	1.63	1.66	1.65	1.04	1.13	1.36		1.19
PSI	3.8	4.0	3.9	3.9	3.9	4.3	4.2	4.3		4.4
Crkng Index BIT										
Slab Distrs PCC	10	10	10	10	10	10	10	0	6	0
#TC BIT										
%Bad Jnts PCC	6	6	6	6	10	10	13	0	10	0
Faulting	2.96	2.62	2.98	2.13	1.97	1.10	0.91	0.88		
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	445.72	447.03	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	14	15	16	17	18	19	20	21	22	23
NSI Bit										
NSI PCC	94	92	89	90	54	59	59	72	60	70
IRI	1.80	1.97	2.08	2.34	2.25	1.15	1.09	1.39	1.65	1.71
PSI	3.9	3.7	3.5	3.3	3.2	4.1	4.1	4.1	3.7	3.9
Crkng Index BIT										
Slab Distrs PCC	3	3	10	10	20	20	20	10	16	10
#TC BIT										
%Bad Jnts PCC	0	0	3	3	13	13	13	3	16	3
Faulting	3.44	4.00	3.96	3.28	4.55	1.60	1.26	1.47		2.69
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	445.72 - 447.03	1.31	2	JCT 680-96TH ST OMAHA	169366	12436

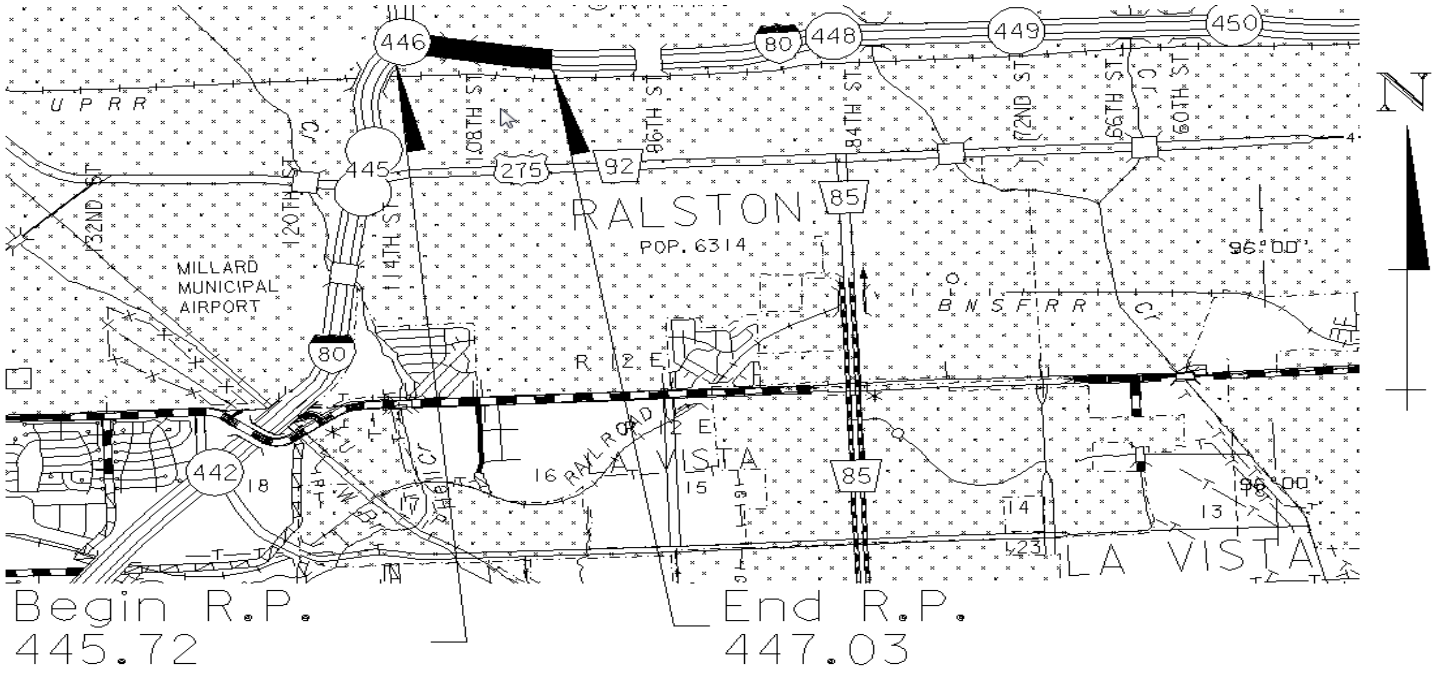
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-80-9(668)	*	16' 6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1997			

*Mainline 24-60' wide, Concrete 12.5' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	1	1	8.0	6.0	85.0	100.0	7			2027	2033
Descending	1	1	3.0	4.0	91.0	100.0	8			2025	2031

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	CONCRETE BARRIER	446.060-446.060	21988	S-80-9(1122)
2003	JT SEAL, PLOWABLE MARKER REHAB	445.740-447.030	22000	RD-80-9(1118)
2007	GRINDING, PLOWABLE MARKER REHAB	442.350-451.120	22002	RD-80-9(1120)
2014	Add'l Lanes, Gr Str Surf S-Shld	442.500-447.200	22151	S-80-9(1189)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Conc Repair, Grinding	442.350-451.030	22527	IM-80-9(66)
2018	Mill, Resurf, Br Repair	444.230-446.020	22526	S-80-9(1202)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2025	Dia Grind, PCC Repair, S-Seal	442.350-451.050	22821	NH-80-9(116)



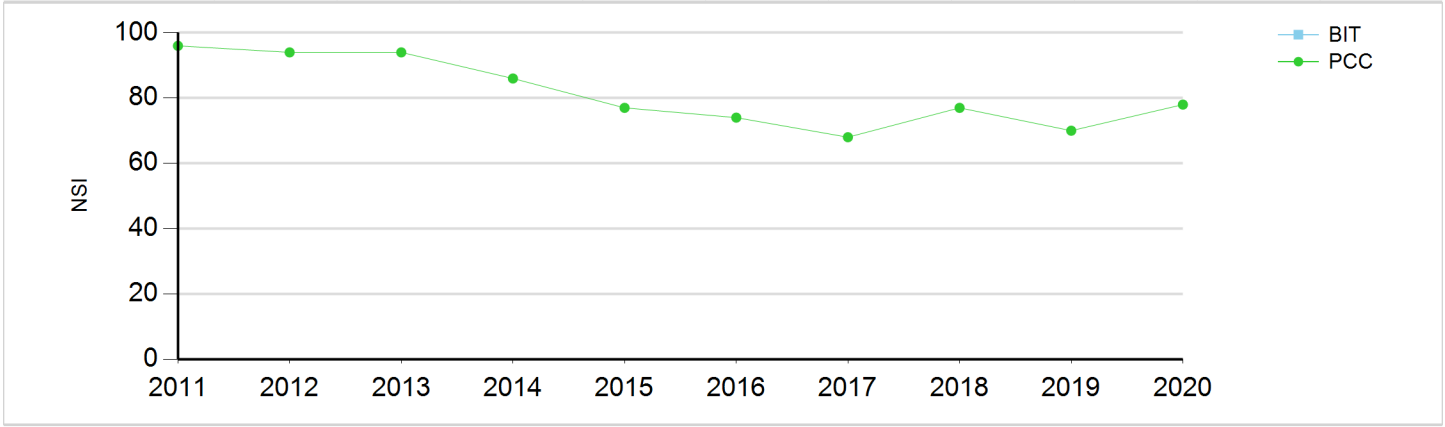
Comments:

2019 ITF - Program next project.
This segment needs Concrete Sealer based on 2018 BD/BV review of 95-05 Exposed PCC.
2020 ITF - Consider Sealer. Future grind would remove. Very Rough bridge approaches.
2021- Tim Program Crack Seal

Pavement Condition History Data

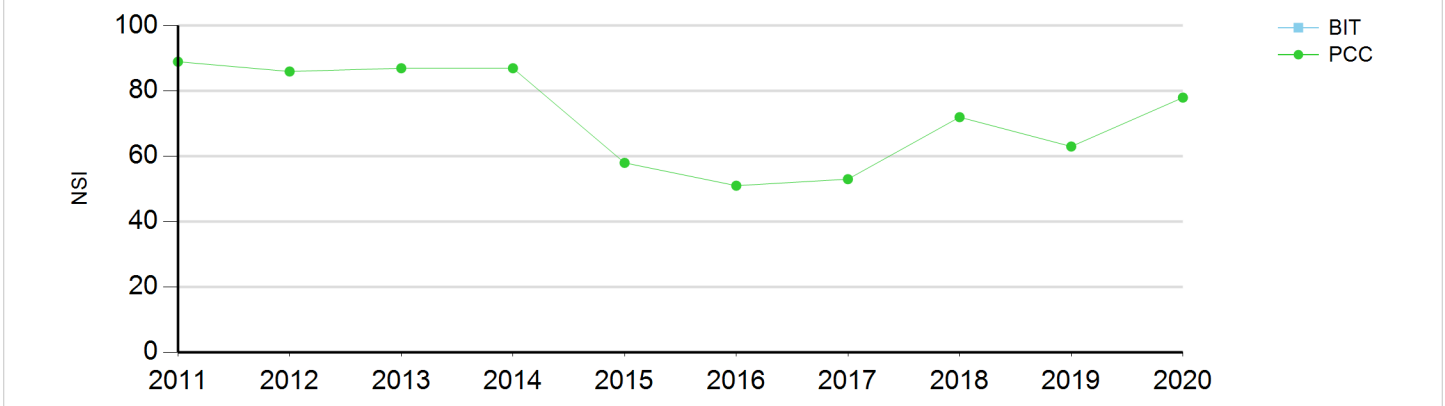
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	447.03	448.75	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	16	17	18	19	20	21	22	23	24	25
NSI Bit										
NSI PCC	96	94	94	86	77	74	68	77	70	78
IRI	1.46	1.46	1.50	1.53	0.92	0.90	0.90	1.03		1.29
PSI	4.1	4.1	4.1	3.9	4.4	4.4	4.3	4.5		4.4
Crkng Index BIT										
Slab Distrs PCC	10	10	10	10	5	5	5	0	10	0
#TC BIT										
%Bad Jnts PCC	0	0	0	10	10	10	20	0	10	0
Faulting	1.76	1.85	1.77	1.87	0.99	0.76	0.64	0.74		
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	447.03	448.75	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	16	17	18	19	20	21	22	23	24	25
NSI Bit										
NSI PCC	89	86	87	87	58	51	53	72	63	78
IRI	1.32	1.37	1.33	1.52	1.57	0.93	1.10	1.13	1.34	1.31
PSI	4.2	4.1	4.2	4.0	3.8	4.1	4.1	4.4	4.0	4.3
Crkng Index BIT										
Slab Distrs PCC	10	10	10	10	15	15	15	0	5	0
#TC BIT										
%Bad Jnts PCC	5	6	5	5	20	25	20	10	20	0
Faulting	1.64	1.58	1.40	1.73	1.97	0.79	0.67	0.65		0.99
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	447.03 - 448.75	1.72	2	96TH ST-84TH ST OMAHA	173498	12526

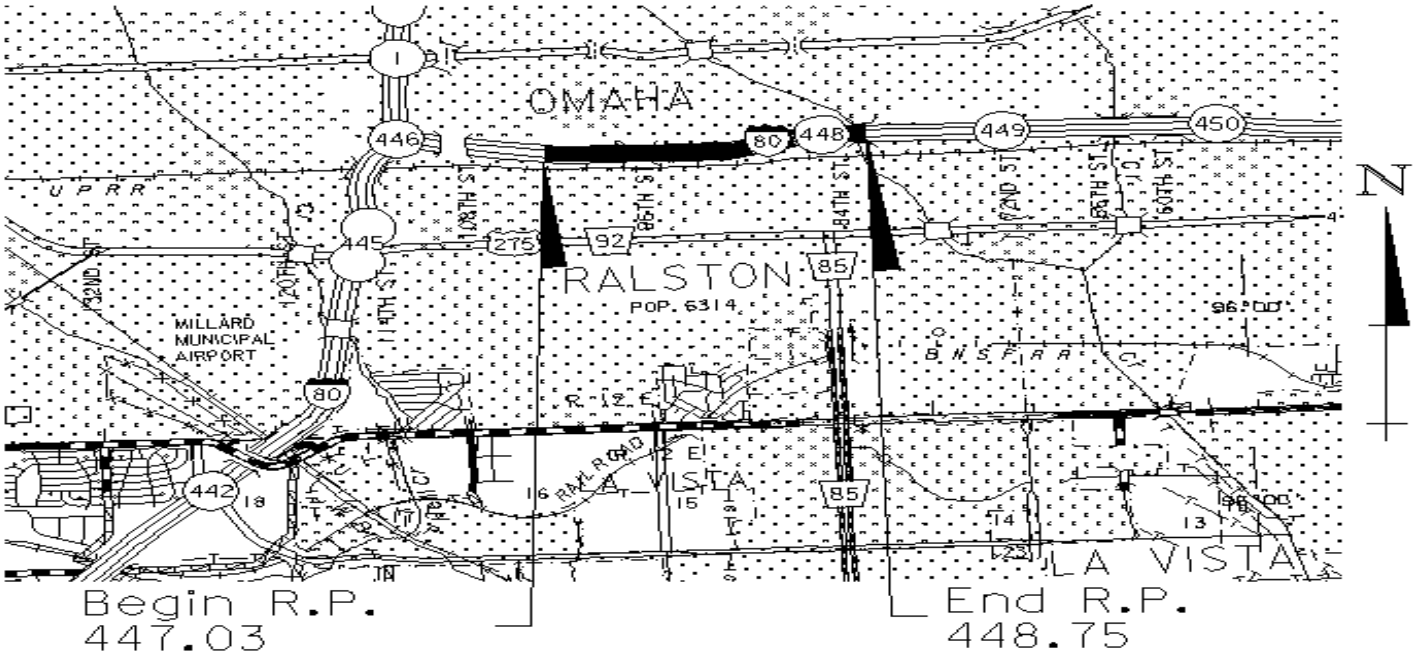
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-80-9(567)	*	16' 6"	Tie Bars	4" Granular Crushed Concrere

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1995			

*Mainline 24-60' wide, Concrete 12.5' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	25			100.0	100.0	8			2027	2033
Descending	8	25		15.0	84.0	100.0	7			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1994	CONC PVMNT	447.020-448.750	21205	IM-80-9(567)
2002	JT SEAL, PLOWABLE MARKER REHAB	447.030-448.750	21999	RD-80-9(1117)
2007	GRINDING, PLOWABLE MARKER REHAB	442.350-451.120	22002	RD-80-9(1120)
2009	RAMP IMPROVEMENTS	448.270-448.270	22273	HSIP-80-9(29)
2012	MILL RESURF	448.500-448.800	22465	IM-80-9(34)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Conc Repair, Grinding	442.350-451.030	22527	IM-80-9(66)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2025	Dia Grind, PCC Repair, S-Seal	442.350-451.050	22821	NH-80-9(116)



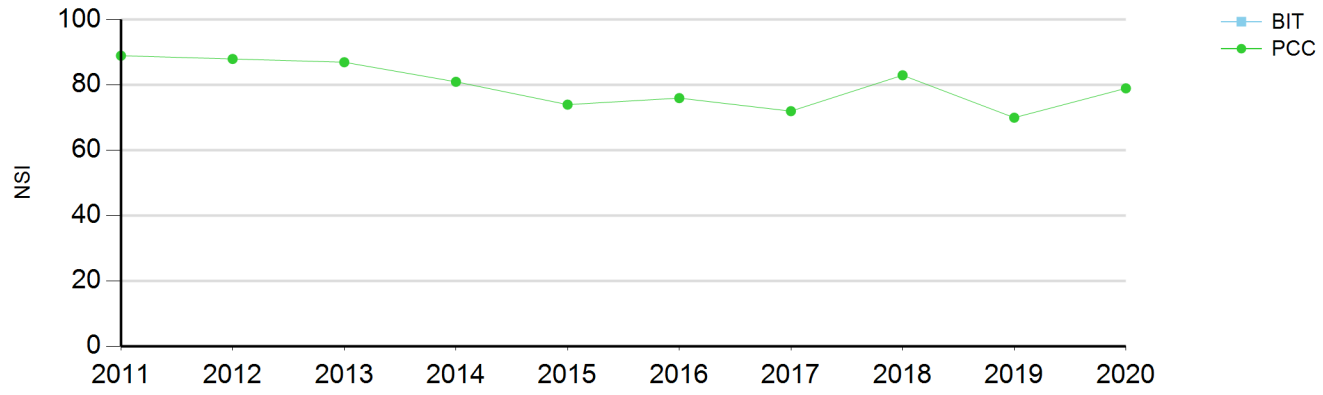
Comments:

2019 ITF - Program next project. Joint Seal.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	448.75	449.80	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	14	15	16	17	18	19	20	21	22	23
NSI Bit										
NSI PCC	89	88	87	81	74	76	72	83	70	79
IRI	1.90	1.96	2.07	2.49	1.72	0.99	1.11	1.17		1.53
PSI	3.6	3.6	3.5	3.1	3.8	4.4	4.2	4.4		4.2
Crkng Index BIT										
Slab Distrs PCC	15	15	15	15	5	5	5	0	10	0
#TC BIT										
%Bad Jnts PCC	5	5	5	10	10	10	15	0	10	0
Faulting	3.04	3.50	3.77	3.38	2.78	1.35	1.25	1.15		
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	448.75 - 449.80	1.05	2	84TH ST-60TH ST OMAHA	90361	6229

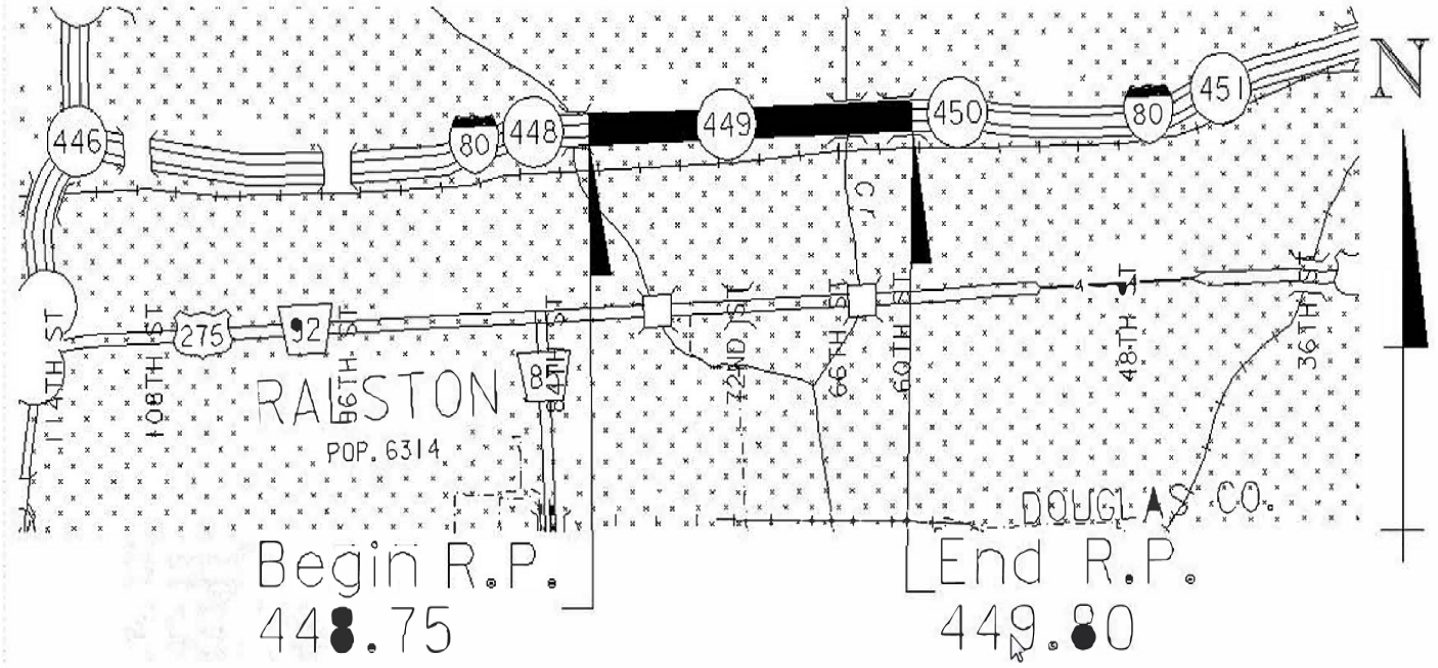
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-80-9(570)	*	16'6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1997			

*Mainline 48-60' wide, Concrete 12' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	23			100.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1996	CONC PVMNT & BR	448.650-449.650	21216	EACIM-80-9(570)
2007	GRINDING, PLOWABLE MARKER REHAB	442.350-451.120	22002	RD-80-9(1120)
2009	RAMP IMPROVEMENTS	448.850-449.620	22274	HSIP-80-9(30)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Conc Repair, Grinding	442.350-451.030	22527	IM-80-9(66)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2025	Dia Grind, PCC Repair, S-Seal	442.350-451.050	22821	NH-80-9(116)



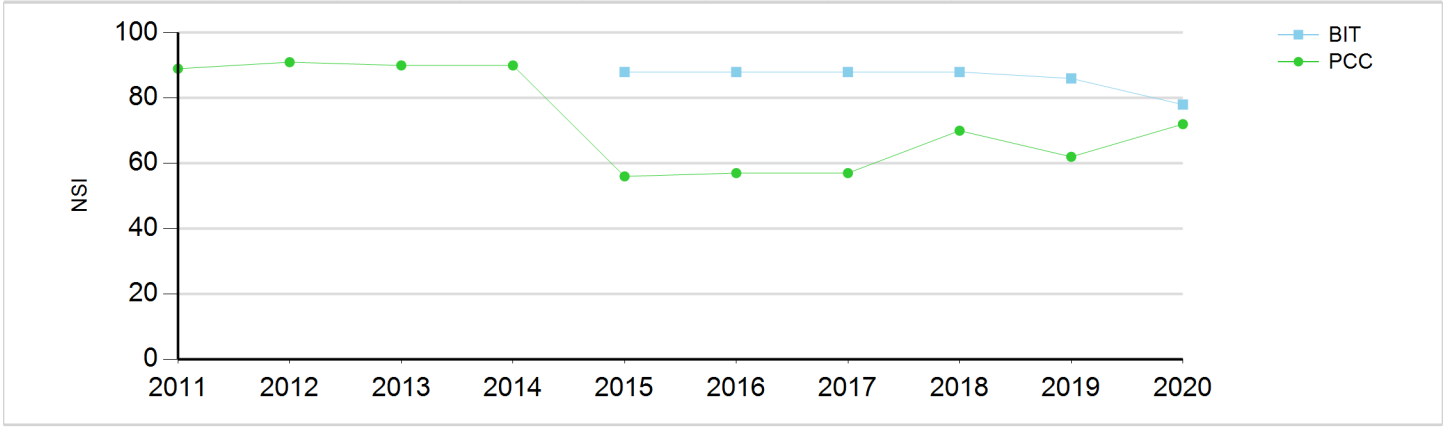
Comments:

2017 ITF - DE - Bridge approach project programmed 5 yrs ago. What is the status? Project in inactive per Mark F. Will coordinate with Mike V. to activate or split work into existing projects.
2018 ITF - Need to program 84th street bridge & approach slab repair, both directions. 82nd not bad. 60th rough. Look into note above.
2019-This segment needs Concrete Sealer based on 2018 BD/BV review of 95-05 PCC.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	448.75	450.34	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	14	15	16	17	18	19	20	21	22	23
NSI Bit					88	88	88	88	86	78
NSI PCC	89	91	90	90	56	57	57	70	62	72
IRI	1.36	1.38	1.56	1.84	1.45	1.23	1.21	1.35	1.49	1.50
PSI	4.2	4.2	4.1	3.8	3.8	4.0	4.0	4.1	3.9	4.1
Crkng Index BIT										
Slab Distrs PCC	2	2	2	5	11	10	12	7	7	7
#TC BIT					10	10	35	35	100	100
%Bad Jnts PCC	2	2	2	2	24	25	22	10	20	5
Faulting	2.34	2.18	2.78	1.83	1.82	1.06	0.98	1.24		1.30
Rut Depth -DL					1.9	1.5	2.0	2.1	2.2	1.9
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	448.75 - 450.34	1.59	2	84TH ST-60TH ST OMAHA	90908	6210

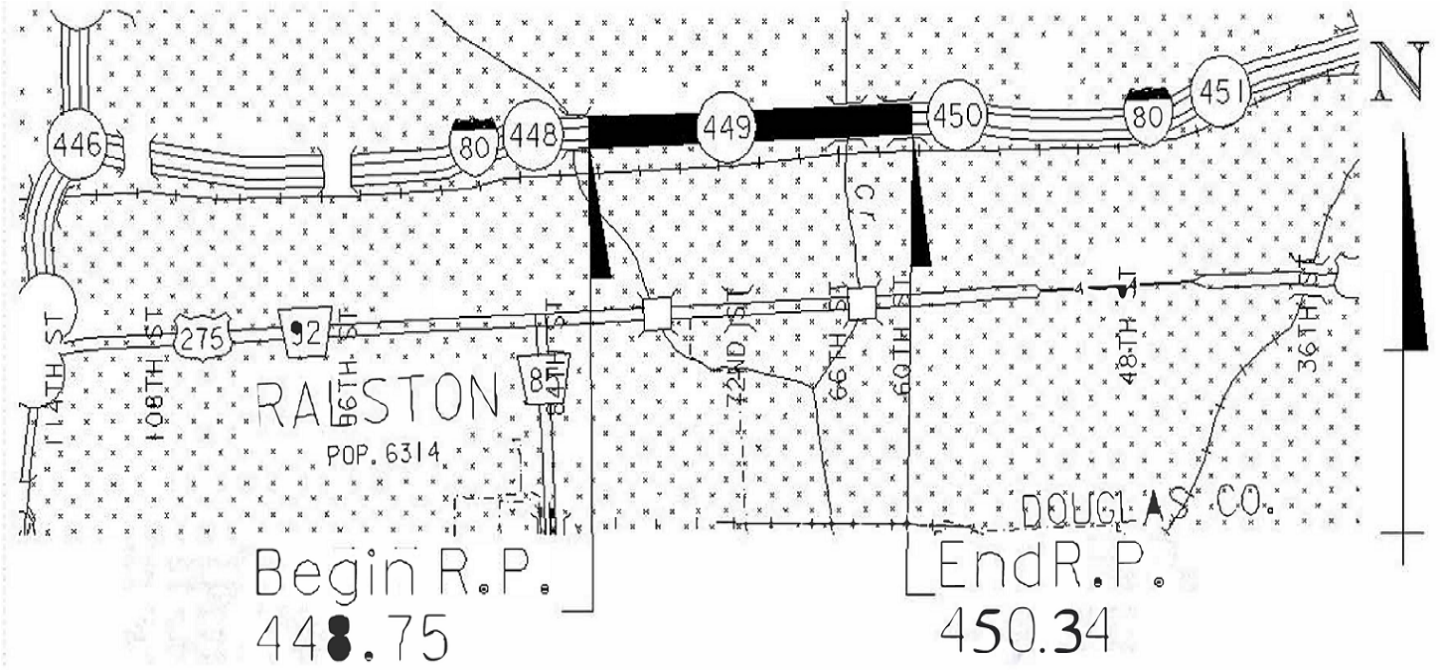
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-80-9(570)	*	16' 6"	Tie Bars	4" Crushed Concrere

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1997			

*Mainline 48-60' wide, Concrete 12' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	6			3.0	96.0	100.0	7	2022	2026	2026	2032

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1996	CONC PVMNT & BR	448.650-449.650	21216	EACIM-80-9(570)
2005	GR CONC SURF	449.890-450.280	21987	EACNH-80-9(867)
2007	GRINDING, PLOWABLE MARKER REHAB	442.350-451.120	22002	RD-80-9(1120)
2009	RAMP IMPROVEMENTS	448.850-449.620	22274	HSIP-80-9(30)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Conc Repair, Grinding	442.350-451.030	22527	IM-80-9(66)
2023	Mill, Resurf, Br Maint	450.280-450.280	22822	NH-80-9(118)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2025	Dia Grind, PCC Repair, S-Seal	442.350-451.050	22821	NH-80-9(116)



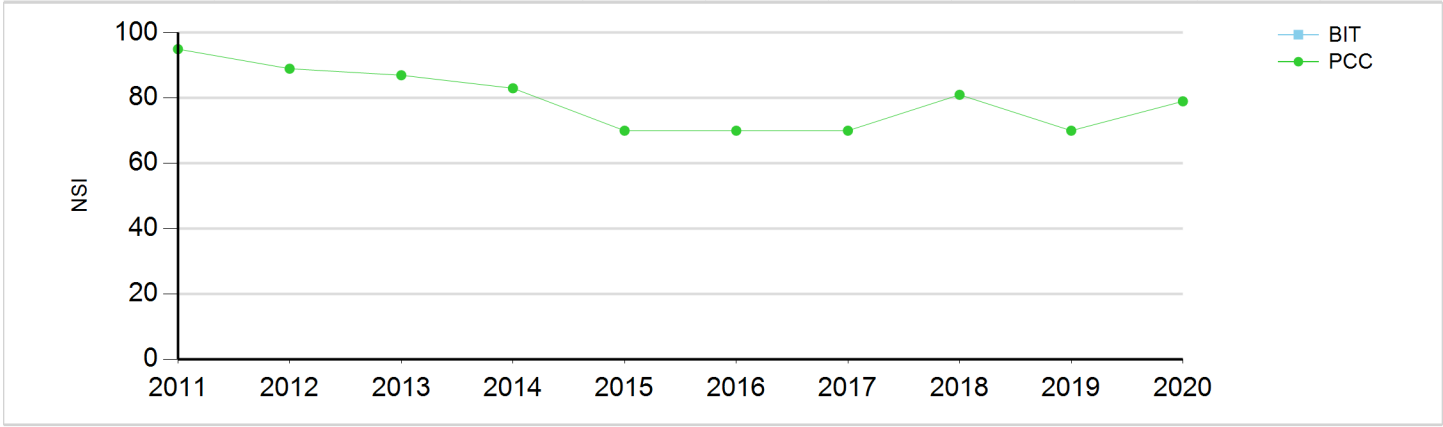
Comments:

2017 ITF - DE - Bridge approach project programmed 5 yrs ago. What is the status? Project in inactive per Mark F. Will coordinate with Mike V. to activate or split work into existing projects.
2018 ITF - Need to program 84th street bridge & approach slab repair, both directions. 82nd not bad. 60th rough. Look into note above.
2019-This segment needs Concrete Sealer based on 2018 BD/BV review of 95-05 PCC.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	449.80	451.05	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	12	13	14	15	16	17	18	19	20	21
NSI Bit										
NSI PCC	95	89	87	83	70	70	70	81	70	79
IRI	1.65	1.81	1.82	1.93	1.95	1.02	0.98	1.21		1.28
PSI	4.0	3.8	3.8	3.6	3.6	4.3	4.3	4.4		4.4
Crkng Index BIT										
Slab Distrs PCC	6	6	6	6	10	10	10	0	0	0
#TC BIT										
%Bad Jnts PCC	0	3	3	10	13	13	16	0	10	0
Faulting	2.36	2.35	2.70	2.61	2.61	0.69	0.69	0.71		
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	449.80 - 451.05	1.25	2	60TH ST-50TH ST OMAHA	91255	6230

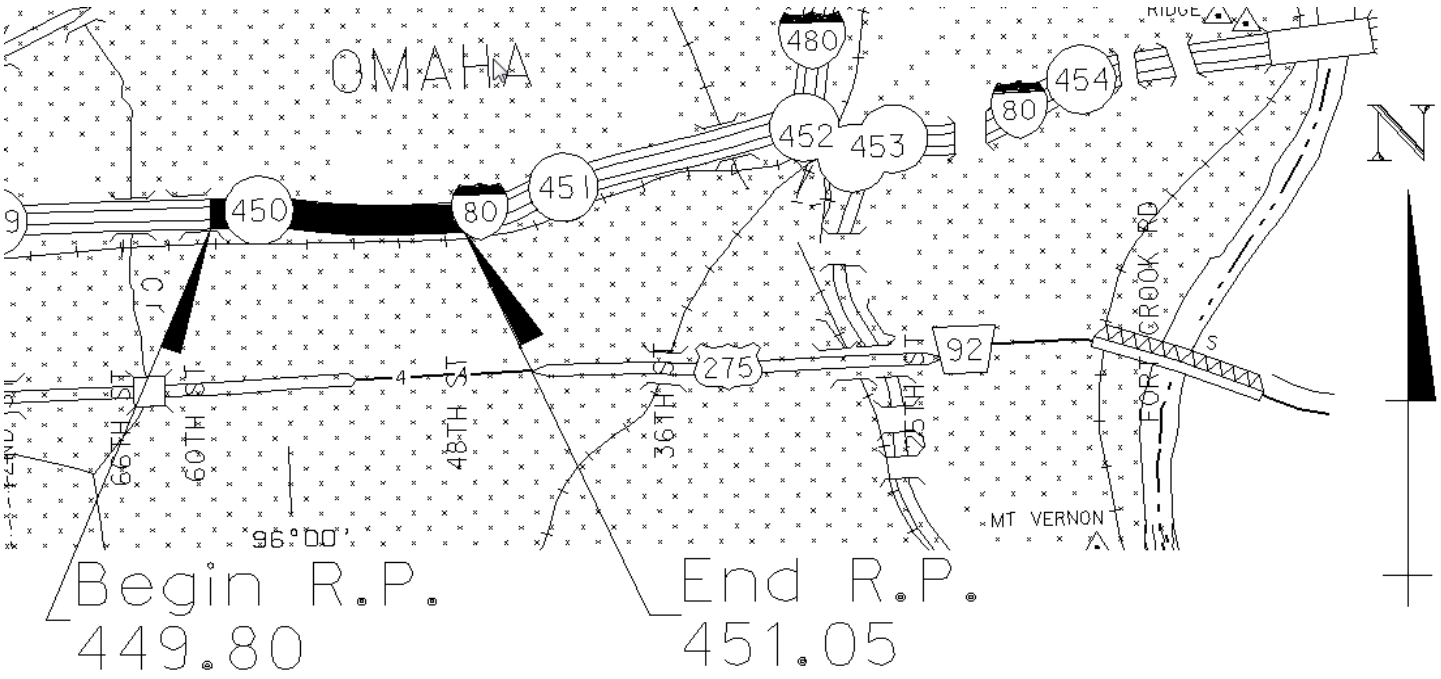
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-80-9(571)	*	16'6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1999			

*Mainline 48-60' wide, Concrete 12' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	21	4.0	2.0	93.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1998	BR & CONC PVMT	449.620-451.030	21217	EACIM-80-9(571)
2003	BR REPAIR	446.060-452.660	21987A	STR-80-9(1137)
2005	GR CONC SURF	449.890-450.280	21987	EACNH-80-9(867)
2007	GRINDING, PLOWABLE MARKER REHAB	442.350-451.120	22002	RD-80-9(1120)
2011	CRACK SEAL	451.000-453.000	22464	RD-80-9(1176)
2014	Add'l Lane, Culv, Surf, S-Shld	450.890-453.460	22143	S-80-9(1185)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Conc Repair, Grinding	442.350-451.030	22527	IM-80-9(66)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2023	Mill, Resurf, Br Maint	450.280-450.280	22822	NH-80-9(118)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2025	Dia Grind, PCC Repair, S-Seal	442.350-451.050	22821	NH-80-9(116)



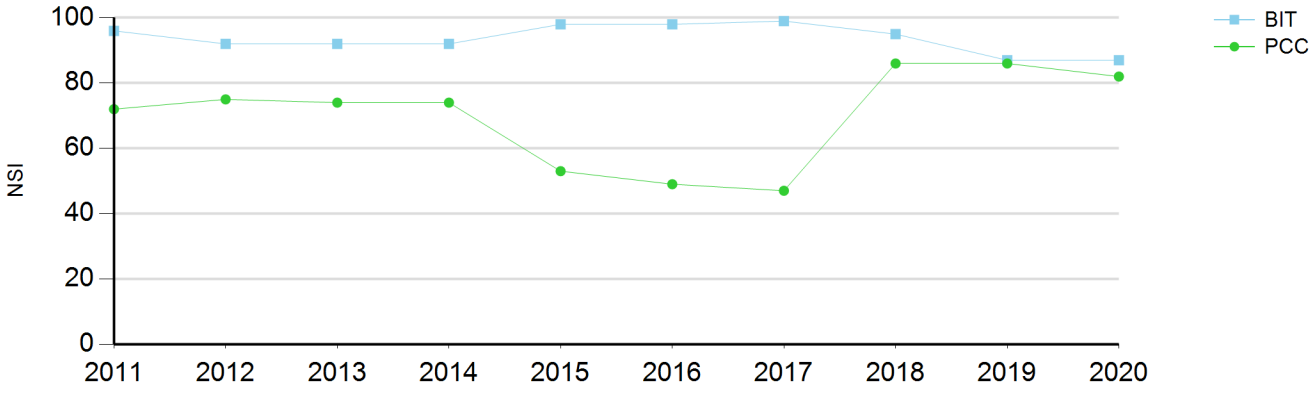
Comments:

Widening in 2014 under CN 22143
Air clustering outside shoulder. Issue not noticed in field, just random coring.
2019 - This segment needs Concrete Sealer based on 2018 BD/BV review of 95-05 PCC.
2020 ITF - Faulting starting to come come back. Bridges get repaired next year per DE.
2021- Program PCC Repair & Overlay ASAP beginning @ 450.34 to 452.88 (District determine RP)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	450.34	452.88	2	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	96	92	92	92	98	98	99	95	87	87
NSI PCC	72	75	74	74	53	49	47	86	86	82
IRI	1.05	1.06	1.08	1.30	1.19	1.03	1.13	1.24	1.44	1.64
PSI	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.2	3.9	3.8
Crkng Index BIT										
Slab Distrs PCC	0	0	5	5	3	5	5	0	0	0
#TC BIT	100	100	100	100	5	5	0	33	100	100
%Bad Jnts PCC	25	25	25	25	36	40	40	0	0	0
Faulting	0.66	0.85	0.86	0.79	0.84	0.98	1.02	0.88		0.94
Rut Depth -DL	2.8	3.3	3.7	2.5	1.9	1.7	2.1	2.3	3.2	3.1
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	450.34 - 452.88	2.54	2	50TH ST-I480 OMAHA	90079	6332

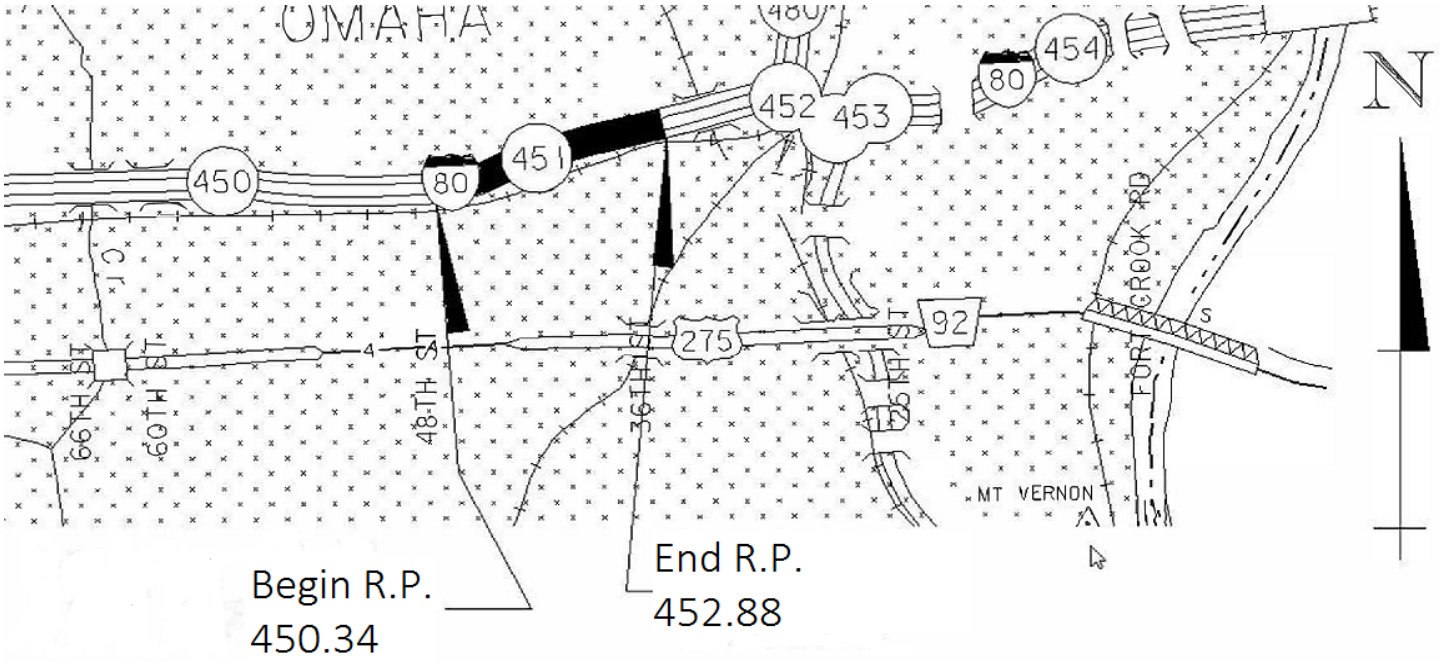
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(80)	*	16' 6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1999	2"	SPH	2015

*Mainline 96'-120' wide, Concrete 12.5' inside and 12' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	8			66.0	33.0	100.0	8	2024	2028	2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1998	BR & CONC PVMT	449.620-451.030	21217	EACIM-80-9(571)
2001	JT SEAL PLOWABLE MARKER REHAB	452.200-453.780	21998	RD-80-9(1116)
2003	BR REPAIR	446.060-452.660	21987A	STR-80-9(1137)
2007	GR STR SURF S-SHLD	451.120-453.030	22138	NH-80-9(892)
2007	GRINDING, PLOWABLE MARKER REHAB	442.350-451.120	22002	RD-80-9(1120)
2010	GR SURF S-SHLD	452.800-455.030	22132	NH-80-9(889)
2011	CRACK SEAL	451.000-453.000	22464	RD-80-9(1176)
2011	RESURF	452.800-453.370	22417	IM-80-9(32)
2014	Add'l Lane, Culv, Surf, S-Shld	450.890-453.460	22143	S-80-9(1185)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Mill, Resurf	451.110-452.970	22586	NH-80-9(80)
2015	Conc Repair, Grinding	442.350-451.030	22527	IM-80-9(66)
2019	Crack Seal	451.050-452.970	22707	NH-80-9(103)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2025	Dia Grind, PCC Repair, S-Seal	442.350-451.050	22821	NH-80-9(116)



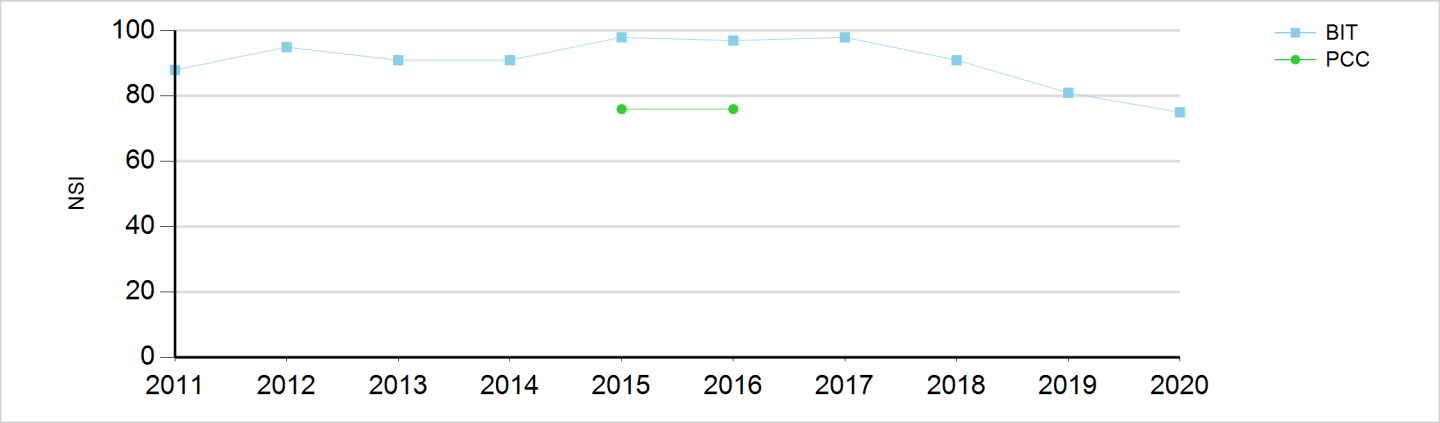
Comments:

2021- Check Map. Doesn't look right
2021- Program PCC Repair & Overlay ASAP beginning @ 450.34 to 452.88 (District determine RP)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	451.05	452.88	2	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age						1	2	3	4	5
NSI Bit	88	95	91	91	98	97	98	91	81	75
NSI PCC					76	76				
IRI	1.59	1.59	1.99	2.72	1.23	1.34	1.41	1.45		1.62
PSI	4.1	4.1	3.8	3.3	4.3	4.3	4.2	4.1	4.1	3.8
Crkng Index BIT										
Slab Distrs PCC					20	20				
#TC BIT	100	53	95	95	6	0	4	100	100	100
%Bad Jnts PCC					10	10				
Faulting					0.82	0.97				
Rut Depth -DL	2.8	3.2	3.6	3.2	1.6	1.9	2.2	2.2		3.3
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	451.05 - 452.88	1.83	2	50TH ST-I480 OMAHA	89831	6355

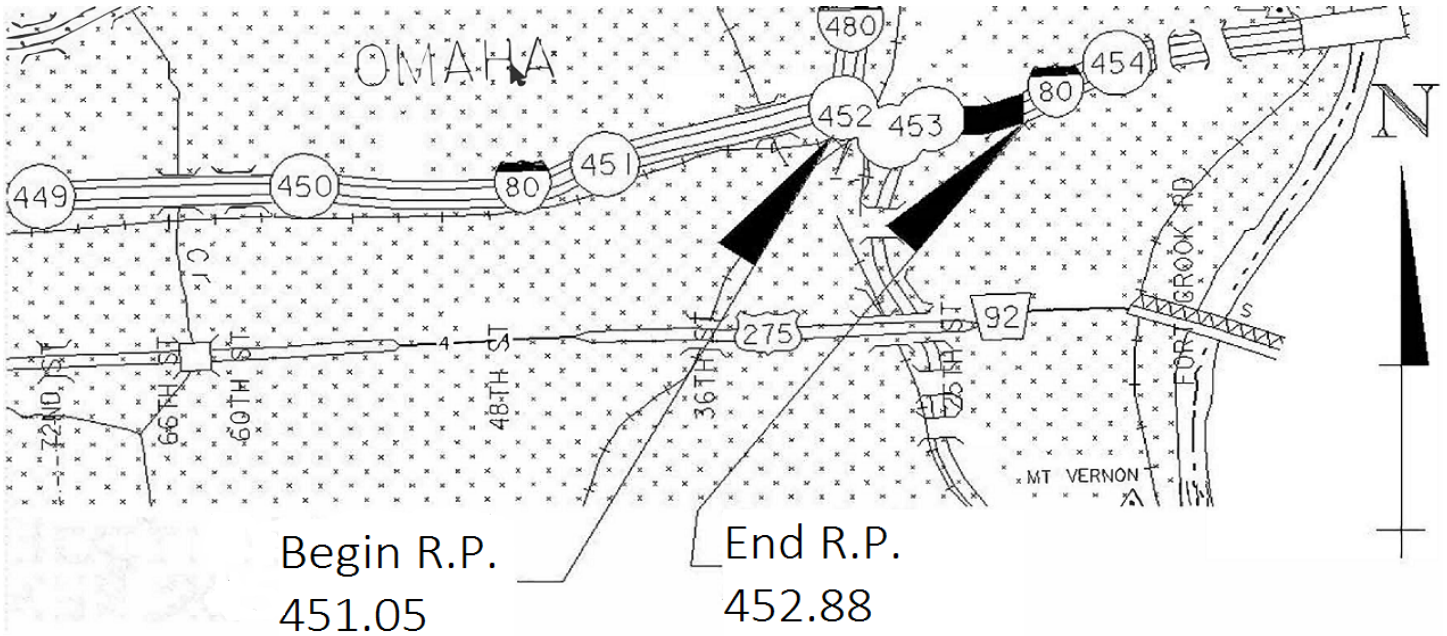
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(80)	*24'	16' 6"	Tie Bars	3-4" Regular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1994	2"	SPH	2015

*Mainline 48' wide, Concrete 14' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	5	9.0	90.0		100.0	9	2022	2026		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1993	CONC PVMT	451.120-452.200	21218	IDR-80-9(572)
2007	GR STR SURF S-SHLD	451.120-453.030	22138	NH-80-9(892)
2011	CRACK SEAL	451.000-453.000	22464	RD-80-9(1176)
2014	Add'l Lane, Culv, Surf, S-Shld	450.890-453.460	22143	S-80-9(1185)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2015	Mill, Resurf	451.110-452.970	22586	NH-80-9(80)
2019	Crack Seal	451.050-452.970	22707	NH-80-9(103)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)



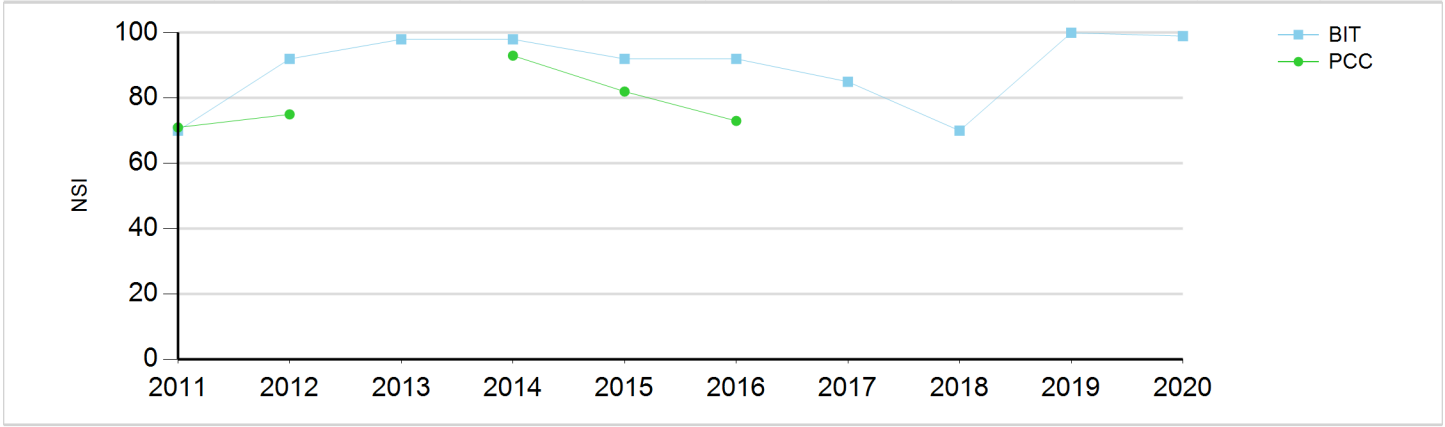
Comments:

2016 ITF - New longitudinal joint appears open. Dale would prefer seal only, no routing.
2021- Program PCC Repair & Overlay ASAP beginning @ 450.34 to 452.88 (District determine RP)

Pavement Condition History Data

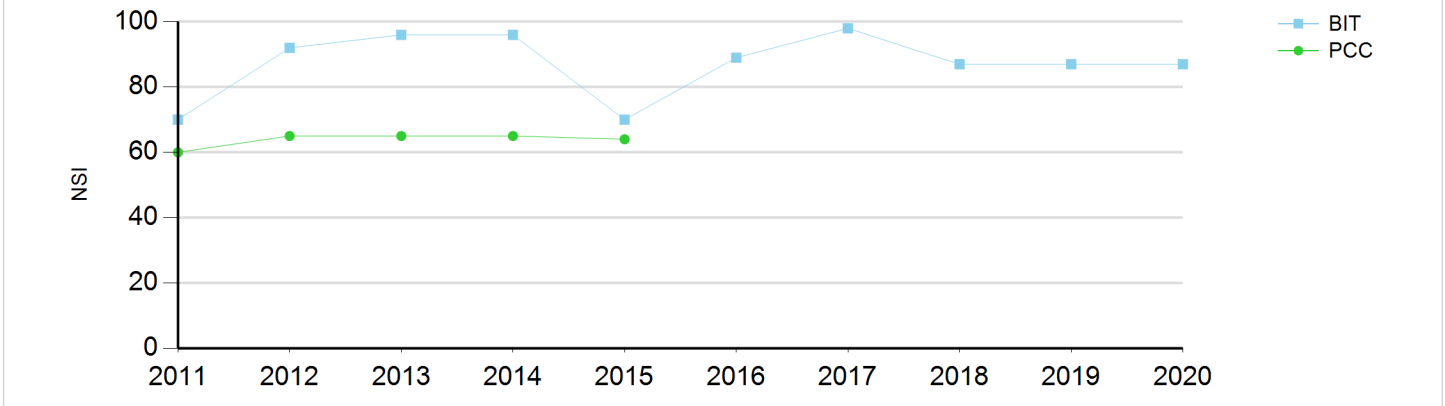
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	452.88	453.39	2	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	70	92	98	98	92	92	85	70	100	99
NSI PCC	71	75		93	82	73				
IRI	3.29	2.22	2.84	2.37	2.83	2.64	2.47	3.01		1.35
PSI			3.2				3.3	2.9	4.5	4.2
Crkng Index BIT										
Slab Distrs PCC	10	10		0	10	0				
#TC BIT	10	10	10	10	35	35	100	100	0	10
%Bad Jnts PCC	0	0		0	5	10				
Faulting	3.55	1.90		1.66	1.36	1.98				
Rut Depth -DL	3.2	2.4	3.1	2.4	2.5	2.6	2.9	2.9		2.1
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	452.88	453.39	2	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	70	92	96	96	70	89	98	87	87	87
NSI PCC	60	65	65	65	64					
IRI	3.48	2.20	2.03	2.15	3.20	2.51	2.57	2.70	1.24	1.23
PSI						3.5	3.5	3.1	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC	10	10	10	10	20					
#TC BIT	21	21	21	21	70	70	2	101	98	98
%Bad Jnts PCC	20	20	20	20	20					
Faulting	4.13	2.77	2.95	1.09	1.58					
Rut Depth -DL	3.6	3.1	3.3	2.3	2.5	2.0	2.6	2.9	1.5	1.2
% Over 13mm										
Rut Depth -PL										



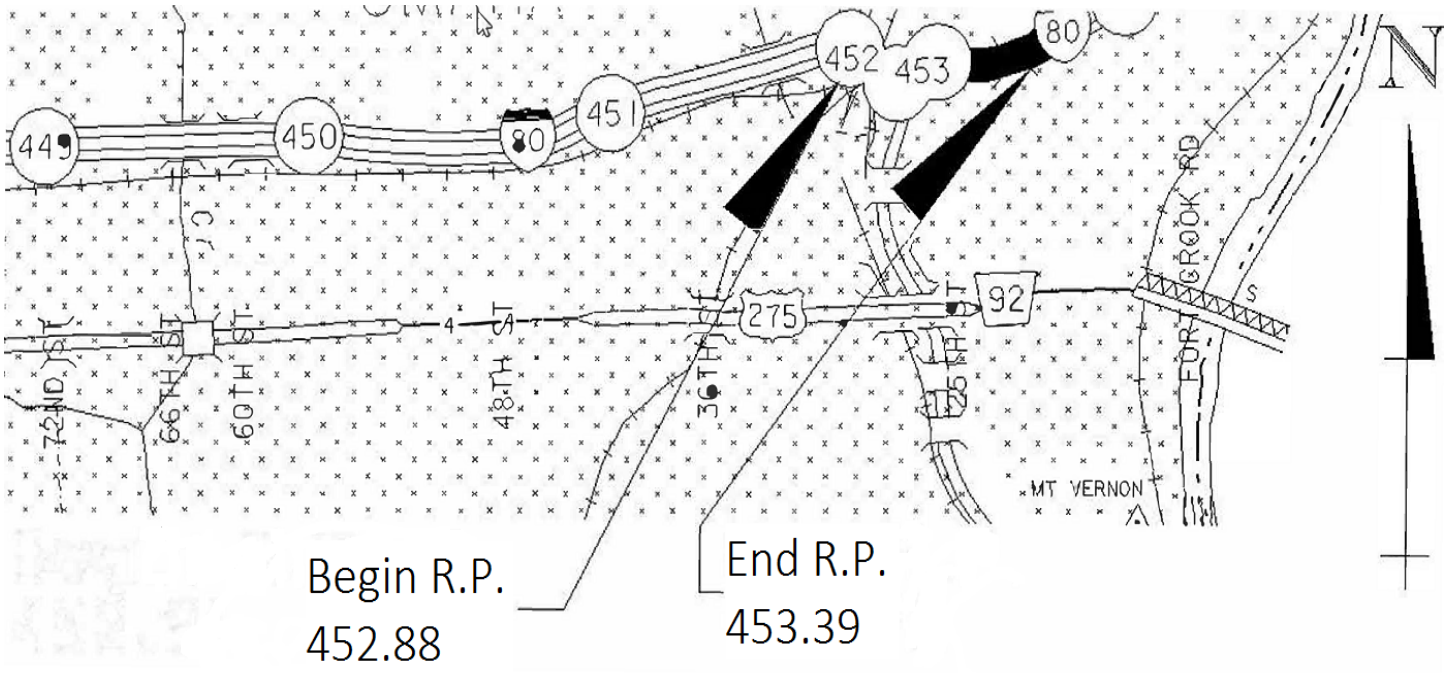
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	452.88 - 453.39	0.51	2	JCT I480-24TH ST OMAHA	116986	11824

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
S-80-9(1215)	24'	16' 6"	Tie Bars	3"-4" Regular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1992	3"	SPH	2018

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	2	37.0	62.0		100.0	9	2030	2034		
Descending	6	2	37.0	62.0		100.0	7	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1993	ASPHALT REPAIR	451.030-455.030	21605	RD-80-9(1050)
2001	JT SEAL PLOWABLE MARKER REHAB	452.200-453.780	21998	RD-80-9(1116)
2007	GR STR SURF S-SHLD	451.120-453.030	22138	NH-80-9(892)
2010	GR SURF S-SHLD	452.800-455.030	22132	NH-80-9(889)
2011	CRACK SEAL	451.000-453.000	22464	RD-80-9(1176)
2011	RESURF	452.800-453.370	22417	IM-80-9(32)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2014	Add'l Lane, Culv, Surf, S-Shld	450.890-453.460	22143	S-80-9(1185)
2018	Mill, Resurf, Br	452.980-453.370	22646	S-80-9(1215)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)



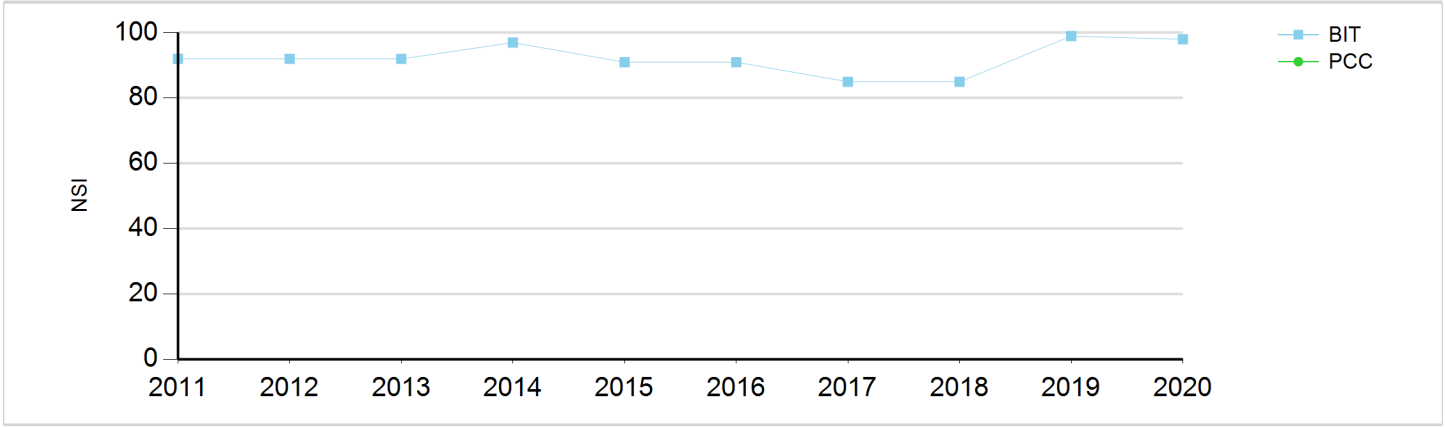
Comments:

2019 ITF - Lots of cracking. Freshly sealed.
2020 ITF - Bad shape, this segment and previous. Need to address in next few years. Program MTIS S2 and S7 for 2027.

Pavement Condition History Data

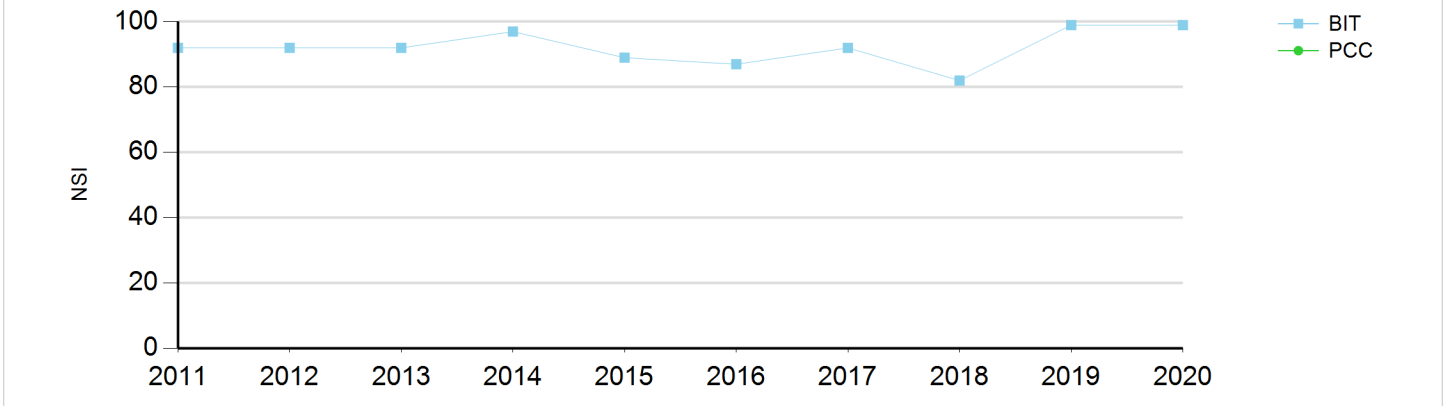
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	453.39	454.30	2	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit	92	92	92	97	91	91	85	85	99	98
NSI PCC										
IRI	1.29	1.29	1.36	1.49	1.43	1.41	1.69	2.19		0.87
PSI	4.3	4.2	4.2	4.1	4.2	4.2	3.8	3.5	4.5	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	4	62	62	62	55	55	101	101	0	0
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.4	3.2	3.5	2.6	2.5	2.3	2.6	2.5		1.4
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	453.39	454.30	2	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age										1
NSI Bit	92	92	92	97	89	87	92	82	99	99
NSI PCC										
IRI	1.17	1.12	1.23	1.33	1.18	1.44	1.55	1.74	1.09	1.07
PSI	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.0	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	21	21	21	21	21	21	100	54	0	10
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.3	3.4	3.0	2.9	2.8	2.5	2.5	2.0	1.3	2.0
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	453.39 - 454.30	0.91	2	13TH ST INTERCHANGE	84564	11096

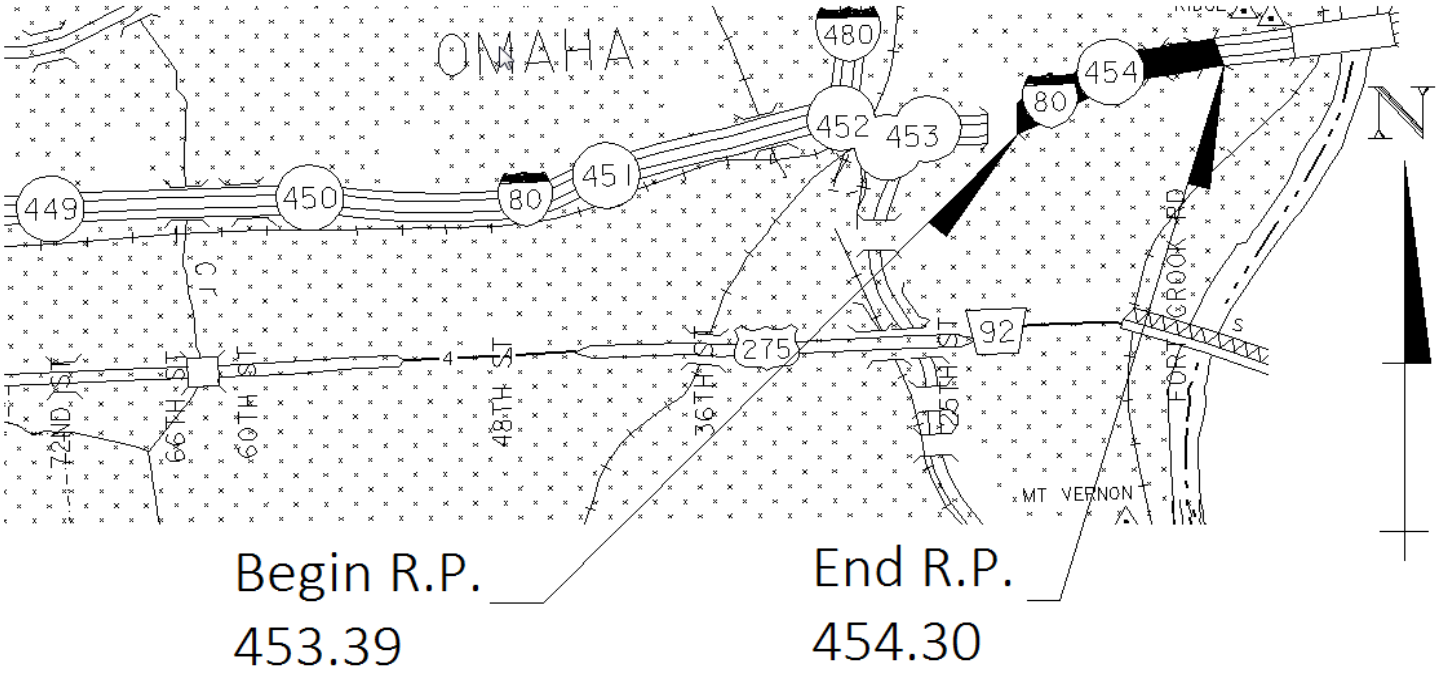
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(31)	*24'	16' 6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1997	3"	SPH	2017

*Mainline 24' wide, Concrete 8-14' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	1	3.0	96.0		100.0	10	2030	2034		
Descending	6	1	3.0	87.0	8.0	100.0	10	2030	2034		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2001	JT SEAL PLOWABLE MARKER REHAB	452.200-453.780	21998	RD-80-9(1116)
2010	GR SURF S-SHLD	452.800-455.030	22132	NH-80-9(889)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2017	Add'l Lane, Gr, Str, Surf	453.370-454.300	22132A	NH-80-9(31)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)
2023	Crack Seal	453.390-454.300	22823	NH-80-9(119)
2023	Gr Conc Pvmt	442.570-454.340	22828	HSIP-80-9(120)



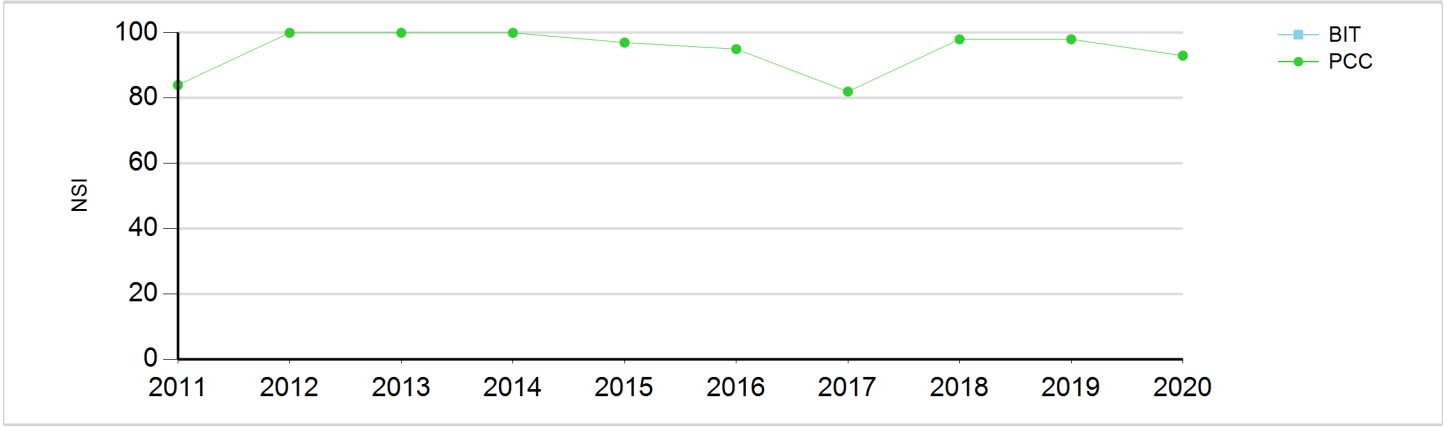
Comments:

2020 ITF - Add Crack Seal. Overlay complete in 2019 per D2.
2021- Adjust CN 22823 to RP 453.12-454.3

Pavement Condition History Data

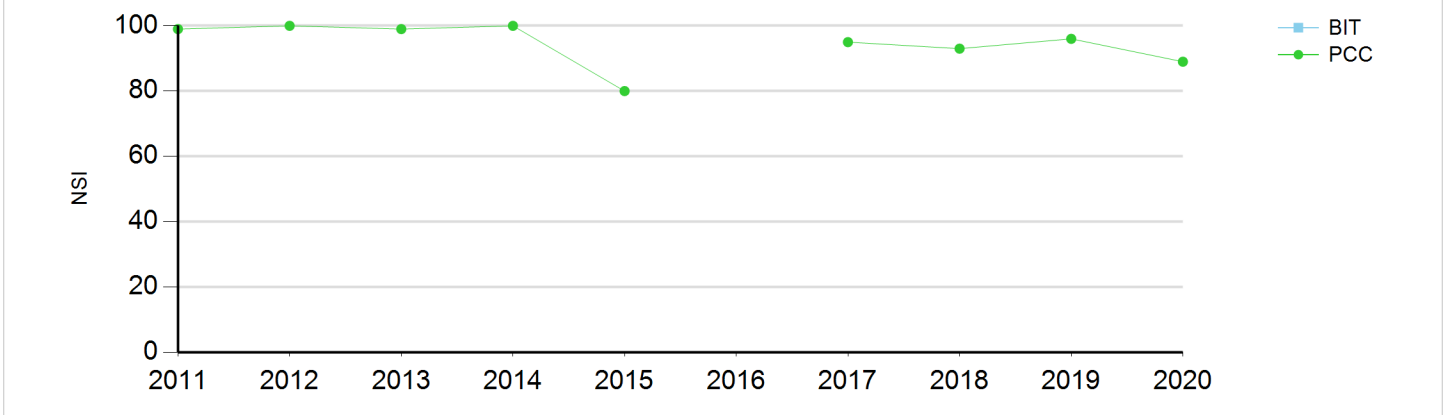
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	454.30	455.31	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit										
NSI PCC	84	100	100	100	97	95	82	98	98	93
IRI		1.60	1.71	1.39	1.41	1.54	1.48	1.56		1.64
PSI		4.1	4.0	4.3	4.3	4.1	4.0	4.1		4.1
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	0	0	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	0	20	0	0	0
Faulting		0.61	0.67	0.93	1.01	1.90	1.71	0.83		
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
080	454.30	455.31	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age			1	2	3	4	5	6	7	8
NSI Bit										
NSI PCC	99	100	99	100	80		95	93	96	89
IRI		1.42	1.50	1.18	1.50	1.26	1.26	1.29	1.74	1.37
PSI		4.3	4.2	4.4	4.0		4.4	4.4	4.0	4.3
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	5		0	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	15		0	0	0	0
Faulting		0.24	0.94	0.37	0.72		0.29	0.87		0.67
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



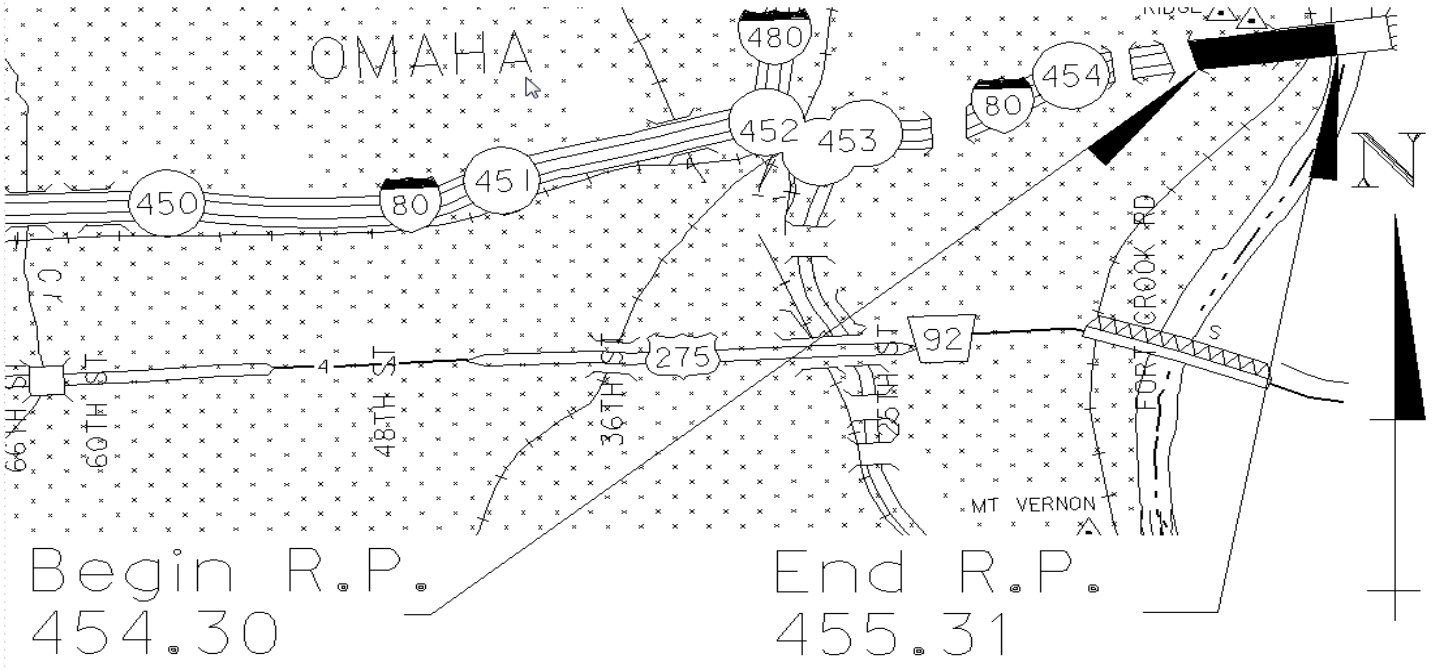
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
080	454.30 - 455.31	1.01	2	13TH ST-NEBR/IOWA LINE O	71290	10974

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-80-9(889)	24'	16' 6"	Doweled	4" Crushed Conc

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	2012			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	8			100.0	100.0	8			2037	2043
Descending	8	8			100.0	100.0	8			2027	2033

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2010	GR SURF S-SHLD	452.800-455.030	22132	NH-80-9(889)
2014	Barrier Seal	438.660-455.310	22565	MISC-80-9(1195)
2022	Joint / Crack Seal	454.300-455.030	22724	NH-80-9(109)
2023	Barrier Seal	438.660-455.310	22623	NH-80-9(90)

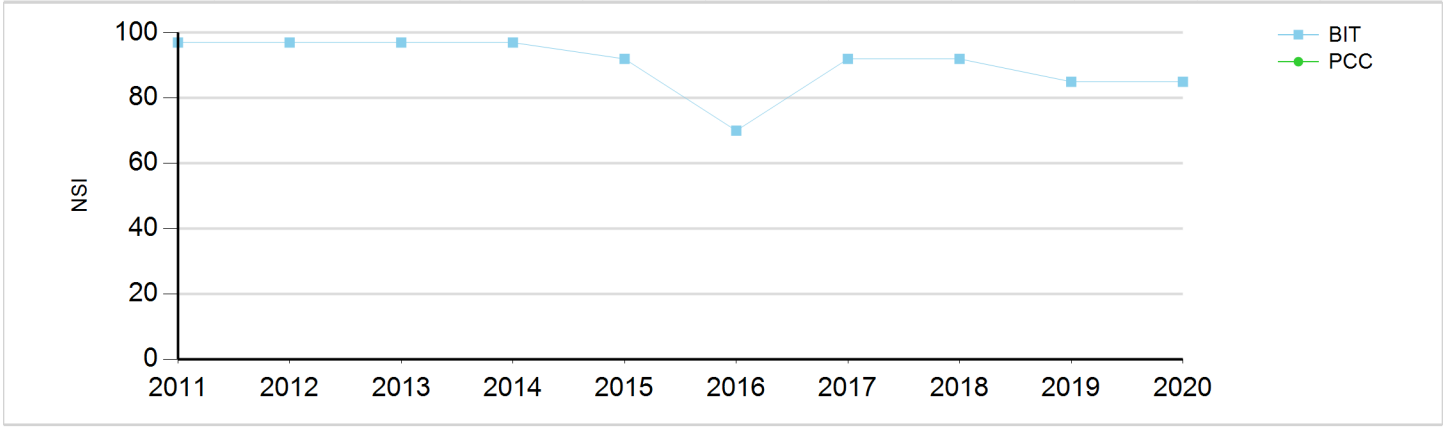


Comments:
2017 ITF - Program Jnt Seal

Pavement Condition History Data

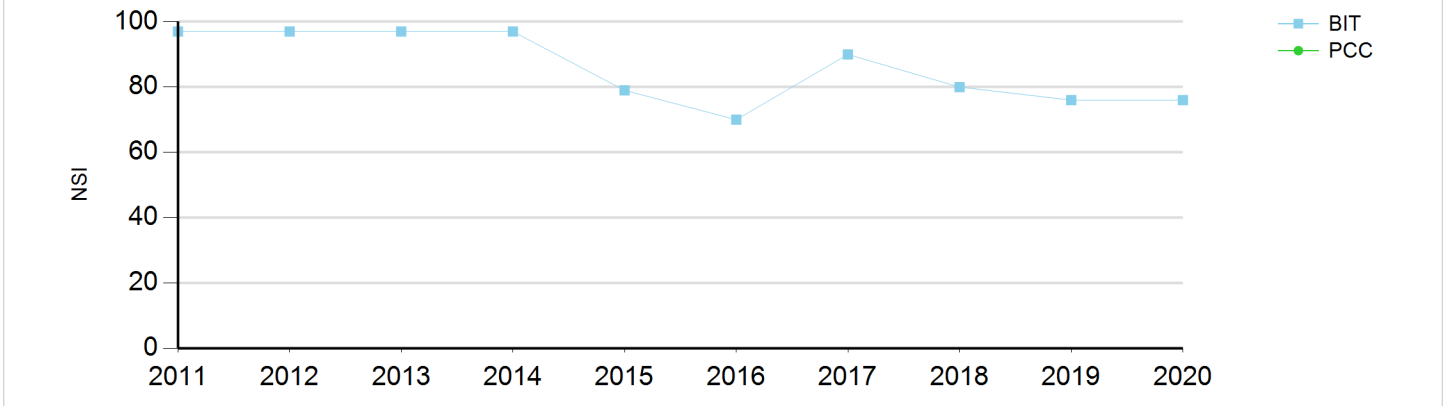
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
129	0.00	1.28	3	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	97	97	97	97	92	70	92	92	85	85
NSI PCC										
IRI	1.21	1.18	1.20		1.24	3.26	1.32	1.18		1.20
PSI	4.3	4.2	4.2	4.4	4.2	2.7	4.2	4.1	4.1	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	70	70	70	70	70	35	35	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	1.9	3.5	3.2		2.2	2.4	2.4	2.6		2.8
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
129	0.00	1.28	3	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	97	97	97	97	79	70	90	80	76	76
NSI PCC										
IRI	1.16	1.20	1.41		1.16	3.45	1.38	1.40		1.45
PSI	4.3	4.3	4.2	4.4	4.2	2.5	4.1	4.1	4.1	3.9
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	35	35	35	35	35	70	35	35	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	1.7	2.4	3.3		2.1	2.2	2.2	2.2		3.0
% Over 13mm										
Rut Depth -PL										



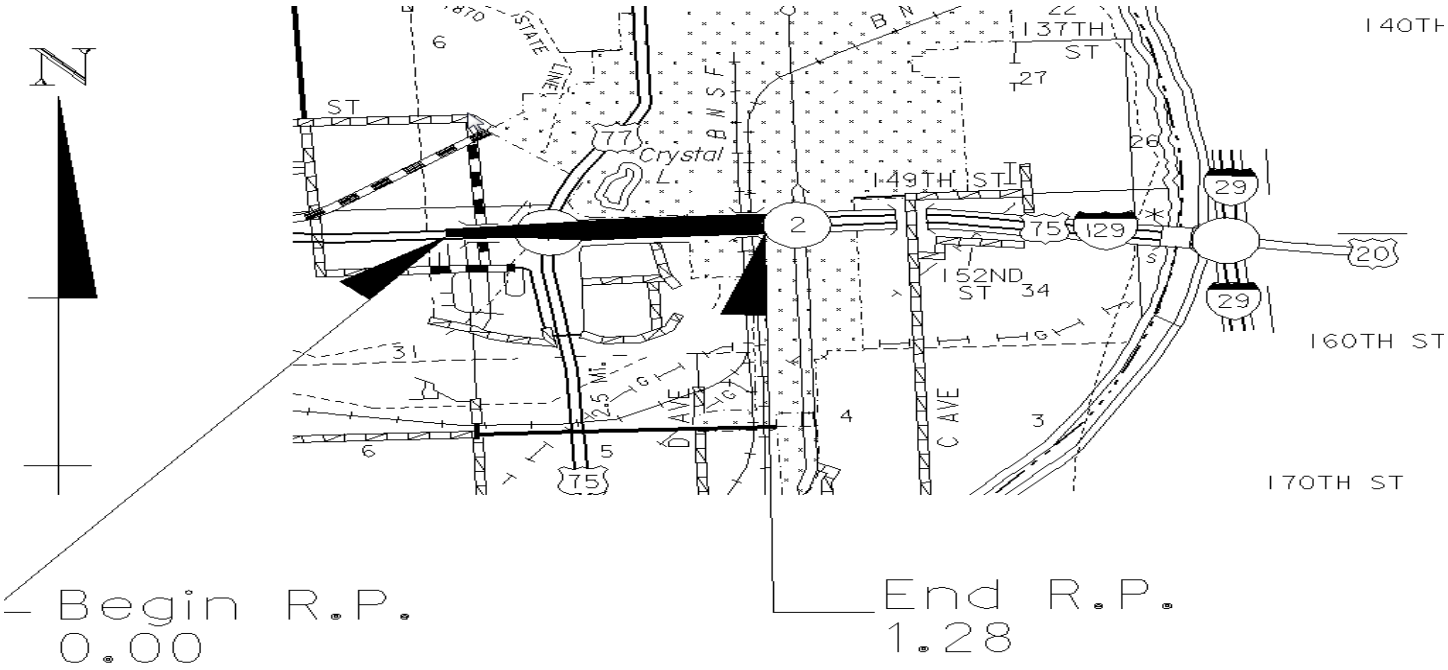
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
129	0.00 - 1.28	1.28	3	SOUTH SIOUX CITY WEST	13452	1974

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-129-1(29)	24'	46' 6"	Wire	3" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1977	AC-3"	SP5	2010

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	10		78.0	21.0	100.0	8	2025	2029		
Descending	6	10		78.0	21.0	100.0	8	2022	2026		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1999	JOINT REPAIR CRACK SEAL & GD RL	0.000-3.210	30984	EACIM-129-1(26)
2003	JT SEAL, CONC REPAIR, GRINDING	0.000-3.210	31636	RD-129-1(1010)
2010	RESURF	0.000-3.210	31799	IM-129-1(29)
2015	Crack Seal	0.000-3.210	32201	RD-129-1(1013)
2021	Mill, Resurf, Br Repair/Overlay	0.000-3.030	32275	NH-129-1(30)



Comments:

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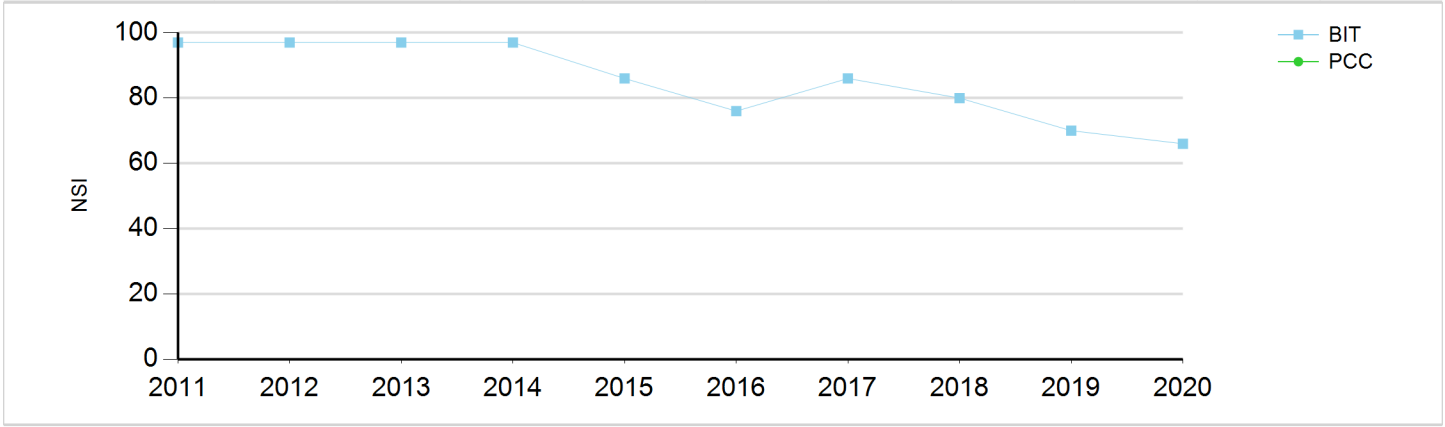
Pavement Condition History Data

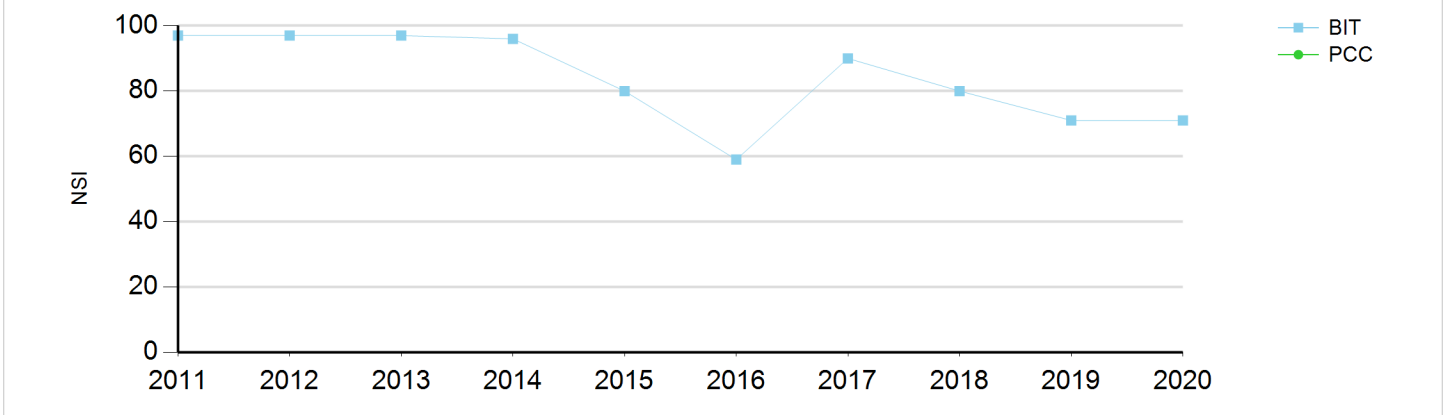
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
129	1.28	3.21	3	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	97	97	97	97	86	76	86	80	70	66
NSI PCC										
IRI	0.78	0.81	0.93		0.84	0.97	0.97	1.23		1.22
PSI	4.3	4.3	4.3	4.4	4.3	4.1	4.2	4.1	4.1	4.0
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	38	66	66	66	66	66	53	35	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	1.9	2.4	3.0		2.1	2.2	2.4	2.8		3.3
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
129	1.28	3.21	3	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	1	2	3	4	5	6	7	8	9	10
NSI Bit	97	97	97	96	80	59	90	80	71	71
NSI PCC										
IRI	0.82	0.85	0.96		0.91	1.16	1.20	1.37		1.65
PSI	4.3	4.3	4.3	4.4	4.3	4.1	4.3	3.9	3.8	3.5
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	38	38	38	70	70	70	35	69	101	101
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	1.6	2.3	3.1		1.7	2.0	2.3	2.4		3.5
% Over 13mm										
Rut Depth -PL										



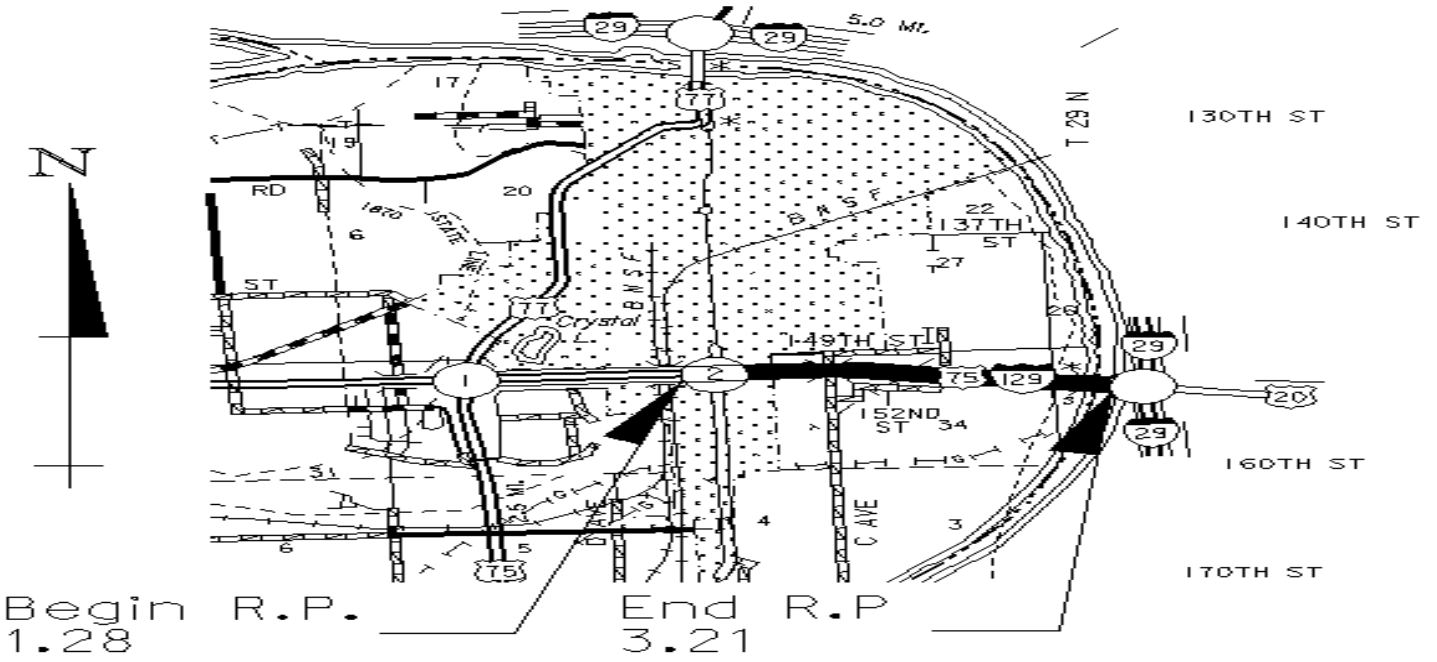
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
129	1.28 - 3.21	1.93	3	NEBR/IOWA LINE WEST	23156	3018

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-129-1(29)	24'	46' 6"	Wire	3" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1976	3"	SP5	2010

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	10		88.0	11.0	100.0	9	PSTO	2022		
Descending	6	10		88.0	11.0	100.0	7	2020	2024		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1999	JOINT REPAIR CRACK SEAL & GD RL	0.000-3.210	30984	EACIM-129-1(26)
2003	JT SEAL, CONC REPAIR, GRINDING	0.000-3.210	31636	RD-129-1(1010)
2003	CONCRETE SLOPE PROTECTION	2.010-2.010	31625	MISC-129-1(1009)
2007	CONCRETE SLOPE PROTECTION	1.500-1.500	31810	STR-129-1(1012)
2010	RESURF	0.000-3.210	31799	IM-129-1(29)
2015	Crack Seal	0.000-3.210	32201	RD-129-1(1013)
2021	Mill, Resurf, Br Repair/Overlay	0.000-3.030	32275	NH-129-1(30)



Comments:

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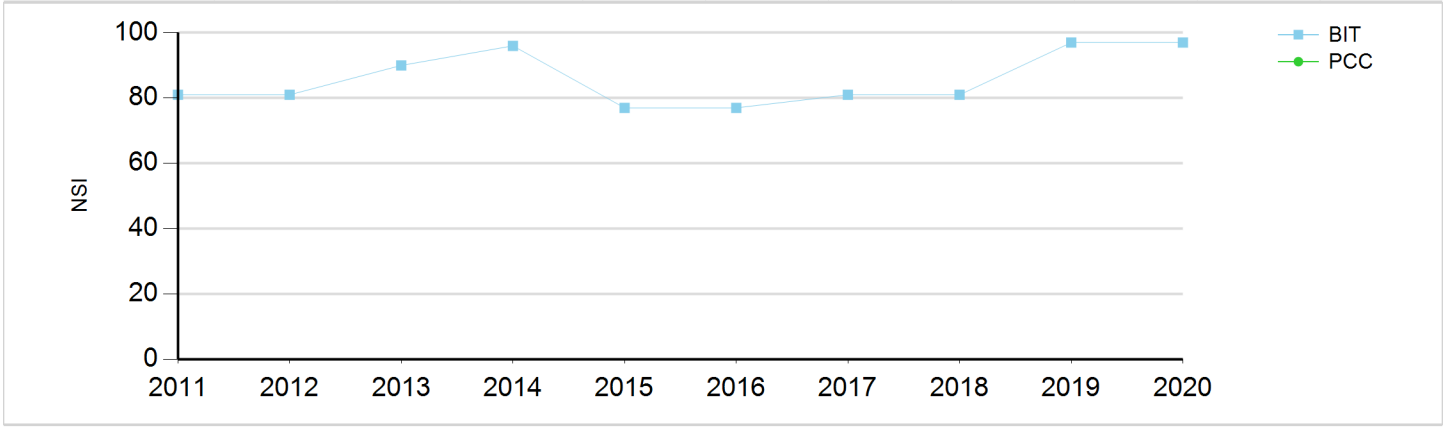
Pavement Condition History Data

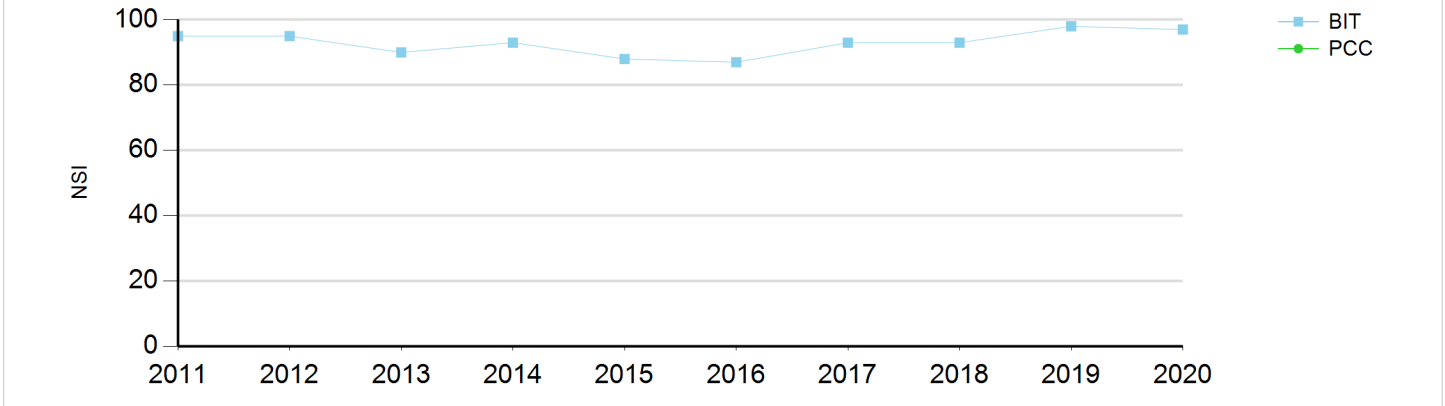
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
180	0.00	1.61	1	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	81	81	90	96	77	77	81	81	97	97
NSI PCC										
IRI	1.25	1.27	1.40		1.44	0.76	1.75	1.12	0.97	0.99
PSI	4.2	4.2	4.0	4.4	4.1	4.3	4.1	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	56	56	57	21	21	21	6	10	100	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.8	3.7	4.4		3.5	1.6	1.8	1.7	2.7	2.9
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
180	0.00	1.61	1	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit	95	95	90	93	88	87	93	93	98	97
NSI PCC										
IRI	1.10	1.16	1.19		1.19	0.89	2.66	1.23	0.98	0.94
PSI	4.2	4.2	4.0	4.4	4.2	4.3	3.4	4.3	4.3	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	51	51	57	21	21	21	25	25	35	100
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	3.6	3.2	3.8		3.0	2.0	3.5	2.0	2.6	2.8
% Over 13mm										
Rut Depth -PL										



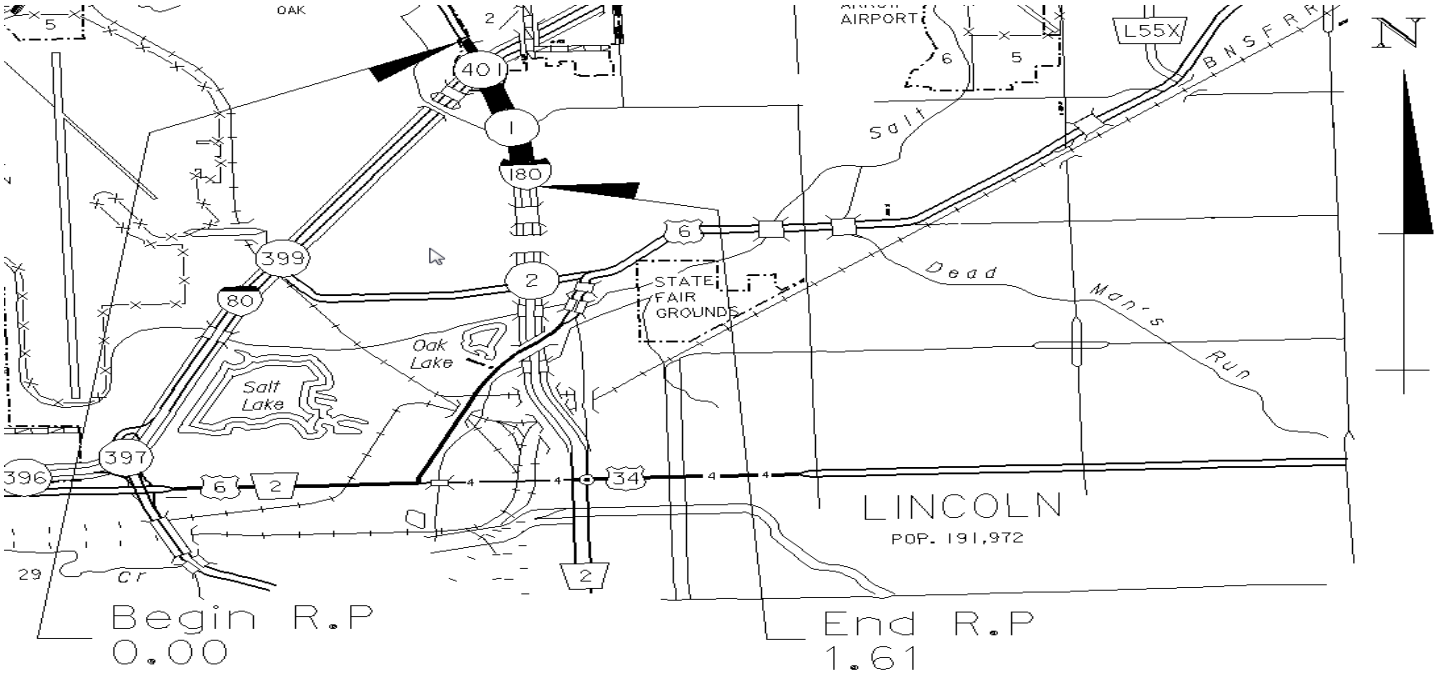
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
180	0.00 - 1.61	1.61	1	I80-CORNHUSKER HWY LINCO	30902	740

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-180-9(1)	24'	46' 6"	Wire	4" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
9"	47B	1963	1.375"	SP5/OGFC	1994, 2005, 2016

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	4		96.0	3.0	100.0	9	2026	2030		
Descending	6	4		96.0	3.0	100.0	10	2026	2030		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1993	JOINT REPAIR RESURF	0.000-3.120	11565	EACIM-180-9(595)
2004	MILL, INLAY	0.000-1.610	12045	IM-180-9(732)
2009	CRACK SEAL FOG SEAL	0.000-1.610	12807	RD-180-9(1149)
2016	Mill, Resurf	0.000-1.610	13116	NH-180-9(1)



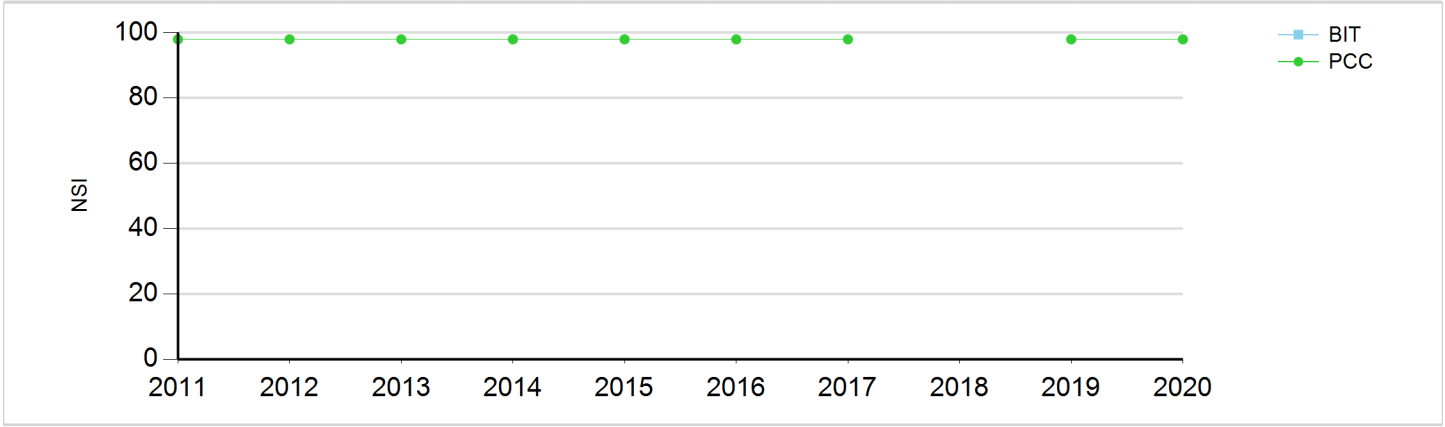
Comments:

RPs run backwards (N to S)
2021- Consider adding crack seal to 2023 fog seal of OGFC. Keep it fog seal only. 0.00 to 2.31
Ask if District Maintenance can do a Fog seal in 2023.

Pavement Condition History Data

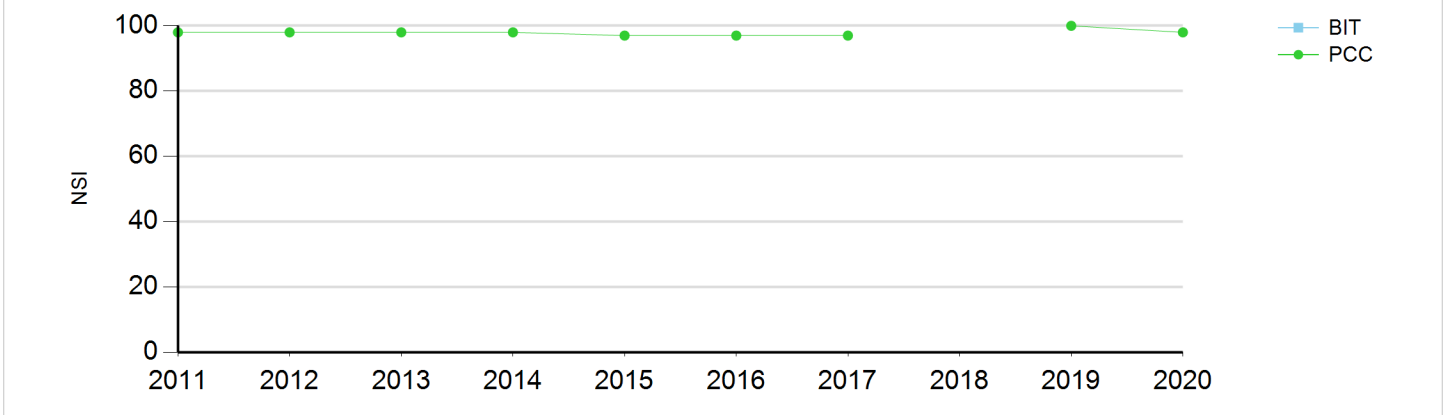
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
180	1.61	2.31	1	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	7	8	9	10	11	12	13	14	15	16
NSI Bit										
NSI PCC	98	98	98	98	98	98	98		98	98
IRI	1.90	1.80	1.86		1.77	1.78	1.49	1.65	1.64	1.81
PSI	3.8	3.9	3.8		3.9	3.9	4.1		4.1	3.9
Crkng Index BIT										
Slab Distrs PCC	10	10	10	10	10	10	10		0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	0	0		0	0
Faulting	0.24	0.23	0.16		0.67	0.60	0.68		0.55	0.59
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
180	1.61	2.31	1	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	7	8	9	10	11	12	13	14	15	16
NSI Bit										
NSI PCC	98	98	98	98	97	97	97		100	98
IRI	1.84	1.80	1.76		1.88	1.92	1.55	1.55	1.84	1.90
PSI	3.9	4.0	4.0		3.7	3.7	4.0		3.9	3.9
Crkng Index BIT										
Slab Distrs PCC	0	0	0	10	20	20	20		0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	0	0		0	0
Faulting	0.31	0.33	0.23		0.65	0.63	0.78		0.58	0.60
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
180	1.61 - 2.31	0.70	1	CORNHUSKER HWY INTERCHAN	31932	740

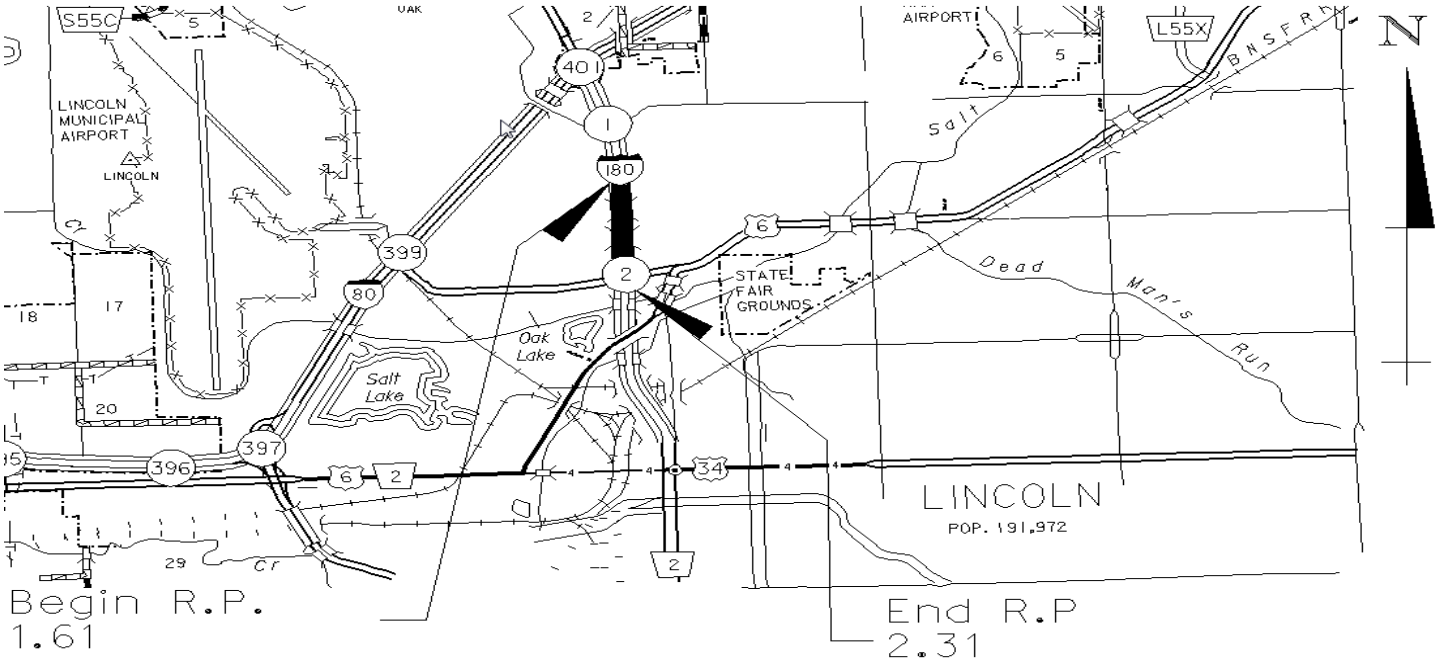
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-EACBH-180-9(519)	24'	16' 6"	Doweled	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2004			

Concrete 4' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	16			100.0	100.0	9			2039	2045
Descending	8	16			100.0	100.0	10			2039	2045

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1993	JOINT REPAIR RESURF	0.000-3.120	11565	EACIM-180-9(595)
2013	Joint Seal	1.610-2.310	12809	RD-180-9(1155)
2025	Mill, Resurf	2.210-3.470	13459	NH-180-9(7)



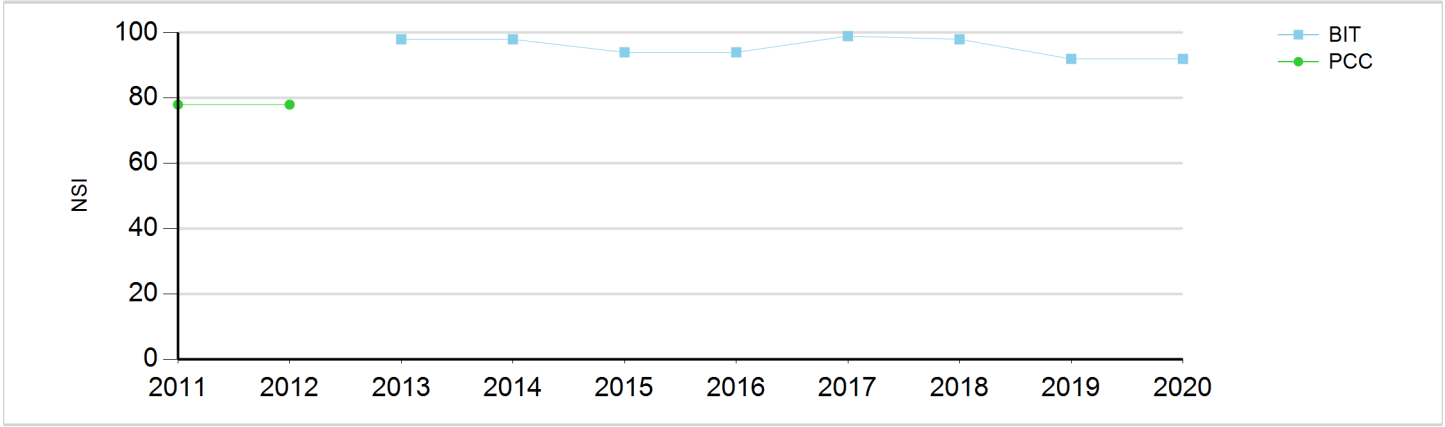
Comments:

2017 ITF CN 12046 Adams Street Bridge condition needs to be reviewed per Tom for appropriate letting.
2018 Add joint seal 2021
2019 ITF - Verify Joint Seal was added.
2021- Consider adding crack seal to 2023 fog seal of OGFC. Keep it fog seal only. 0.00 to 2.31
Ask if District Maintenance can do

Pavement Condition History Data

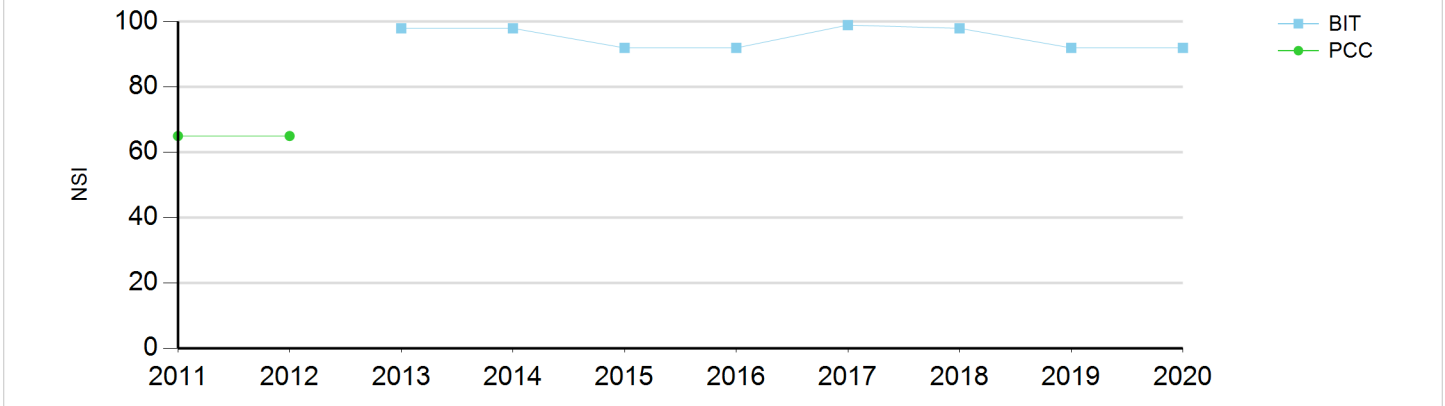
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
180	2.31	3.47	1	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit			98	98	94	94	99	98	92	92
NSI PCC	78	78								
IRI	2.34	2.27	1.62		1.71	1.99	0.83	2.40	1.62	1.88
PSI			4.1	4.4	4.1	3.9	4.4	3.6	4.1	3.9
Crkng Index BIT										
Slab Distrs PCC	10	10								
#TC BIT			0	10	10	10	0	10	100	100
%Bad Jnts PCC	5	5								
Faulting	1.89	1.45								
Rut Depth -DL			2.7		2.0	1.5	2.4	3.1	2.0	2.5
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
180	2.31	3.47	1	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age				1	2	3	4	5	6	7
NSI Bit			98	98	92	92	99	98	92	92
NSI PCC	65	65								
IRI	2.13	2.16	1.42		1.49	1.58	0.93	2.02	1.73	1.64
PSI			4.2	4.4	4.2	4.2	4.4	3.9	4.0	4.1
Crkng Index BIT										
Slab Distrs PCC	5	5								
#TC BIT			0	10	12	16	10	10	100	100
%Bad Jnts PCC	10	10								
Faulting	1.26	1.41								
Rut Depth -DL			2.7		1.9	1.5	2.1	2.9	2.2	2.2
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
180	2.31 - 3.47	1.16	1	CORNHUSKER HWY-LINCOLN	32654	740

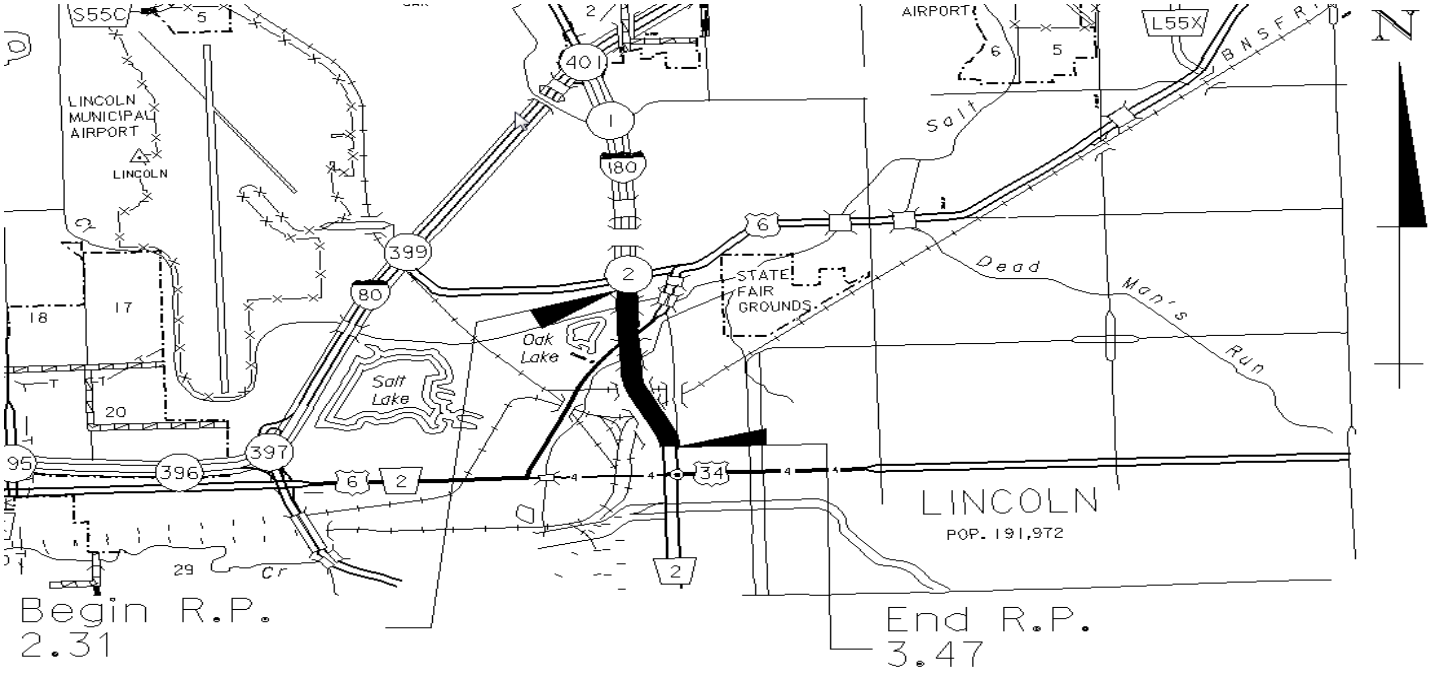
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-180-9(2)	*24'	16' 6"	Tie Bars	4" Bituminous Millings

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13"	47B	1998	1.375"	SPH/LC	2013

*Mainline 23' 7.5" wide, Concrete 4' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	7	18.0	67.0	14.0	92.0	8	2028	2032	2039	2045
Descending	6	7	20.0	64.0	14.0	100.0	8	2028	2032	2039	2045

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1993	JOINT REPAIR RESURF	0.000-3.120	11565	EACIM-180-9(595)
1997	CONC PVMT BR	2.470-3.470	11445	EACIM-180-9(551)
2005	JOINT SEAL	2.310-3.470	12506	RD-180-9(1115)
2013	Mill, Resurf	2.310-3.470	13173	IM-180-9(2)
2018	Crack Seal	2.310-3.470	13282	NH-180-9(3)
2025	Mill, Resurf	2.210-3.470	13459	NH-180-9(7)



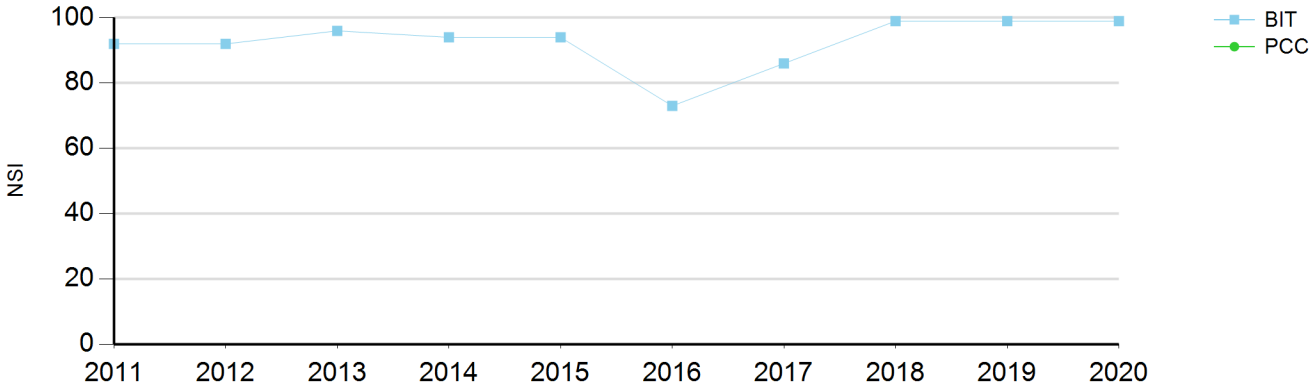
Comments:

2019 ITF - Overlay looks good. Program next resurf.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
480	0.00	2.07	2	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	92	92	96	94	94	73	86	99	99	99
NSI PCC										
IRI	1.05	1.08	1.01	1.17	1.27	1.43	1.57	1.15		1.10
PSI	4.3	4.2	4.3	4.2	4.2	3.8	3.9	4.3	4.5	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	99	99	99	99	99	99	100	0	0	10
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.3	3.3	2.7	2.7	2.6	2.3	2.5	1.6		1.8
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
480	0.00 - 2.07	2.07	2	BANCROFT-DEWEY ST	59549	2792

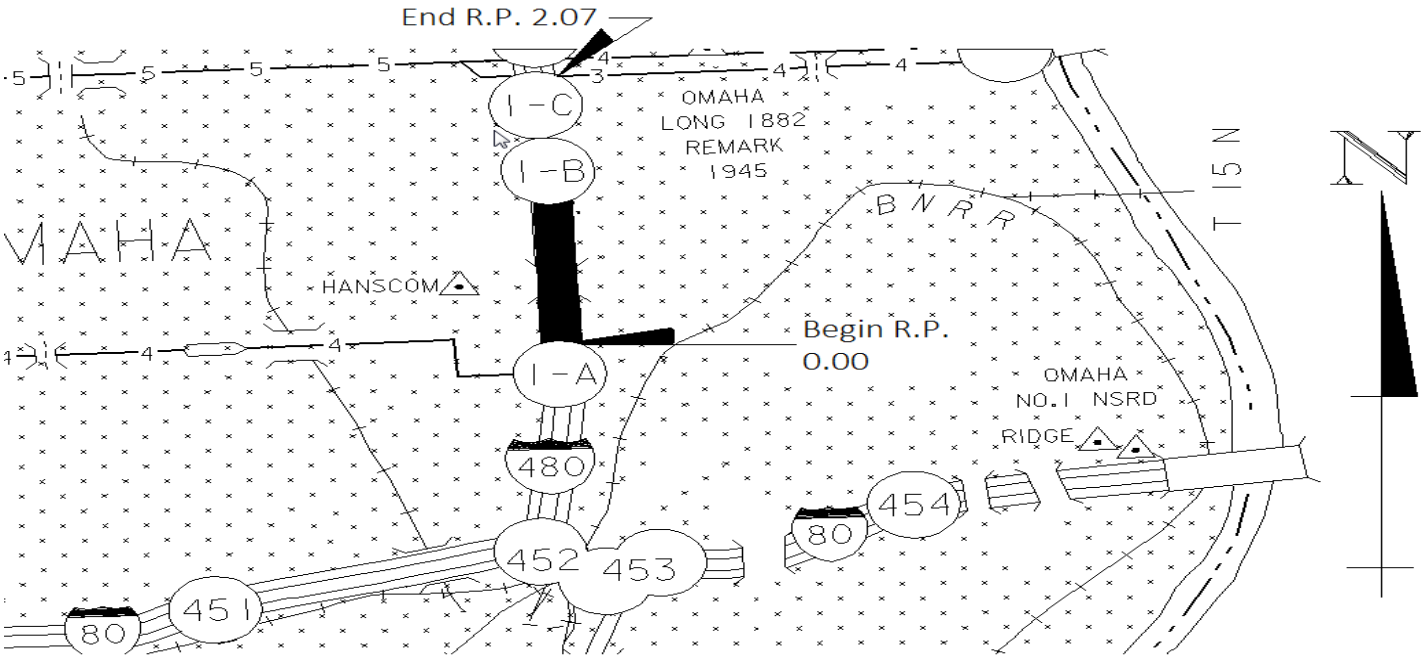
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-480-9(104)	*48'	16' 6"	Tie Bars	4" Granular & Regular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1990	2"	SP5	2009, 2017

*Mainline 36-48' wide, Concrete 14' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	6	2	31.0	65.0	2.0	100.0	9	2031	2035		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1991	CONC PVMT	0.310-2.090	21398	IR-480-9(651)
1991	JOINT REPAIR RESURF	2.050-2.710	21366	IR-480-9(641)
1992	GR SURF	0.000-0.310	21486	IR-480-9(690)
1994	RESURF DETOUR	0.000-4.200	21516	EACIM-480-9(694)
2008	RESURF	0.000-2.070	22197	IM-480-9(101)
2015	Crack Seal	0.000-2.070	22525	IM-480-9(103)
2017	Mill, Resurf	0.000-2.070	22528	NH-480-9(104)
2021	Replace Damaged Sign Structure	1.500-1.500	22791	MISC-480-9(1219)
2023	Crack Seal	0.000-2.070	22824	NH-480-9(12)



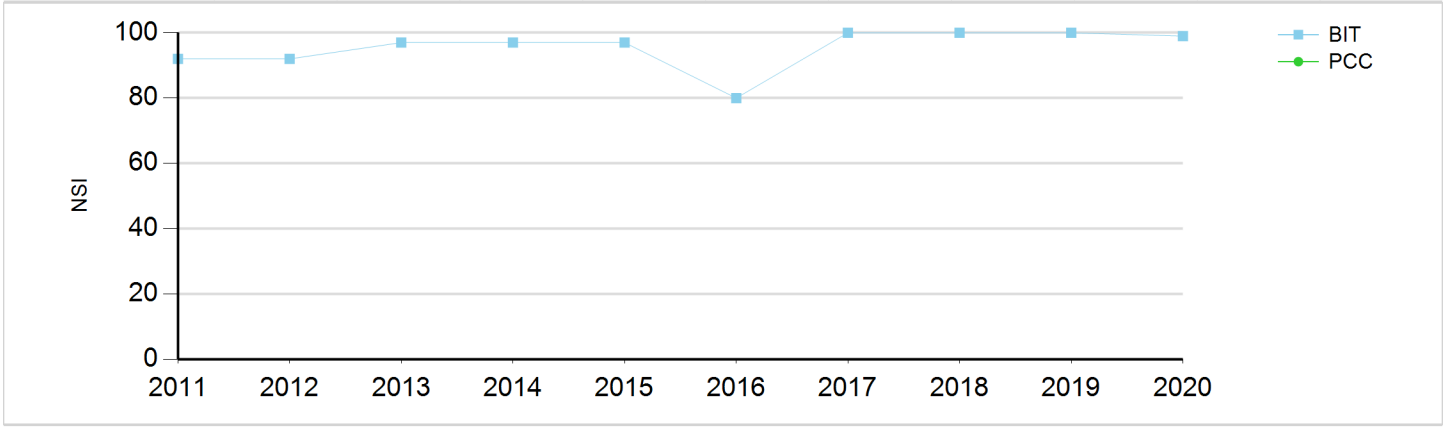
Comments:

2016 ITF - Resurfacing needs to stay in 2017. Bad longitudinal and transverse joints. S end is in worst. Used SLX vs. SP5 as 1st test on interstate. Bridges already SLX, need to correct joint issues.
2019 ITF - Last year resurfacing had large overun on PCC Rpr. Program crack seal.
2020 ITF - Program crack Seal.
2021- Crack seal program sooner (currently at 2023 CN22824). Program MTIS E14 (Bridges) for 2026.

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
480	0.17	2.07	2	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age									1	2
NSI Bit	92	92	97	97	97	80	100	100	100	99
NSI PCC										
IRI	0.93	1.02	0.97	1.01	1.06	1.02	1.28	0.92		0.90
PSI	4.3	4.2	4.3	4.3	4.3	4.0	4.3	4.4	4.5	4.4
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	97	97	98	98	98	98	0	0	0	10
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	2.2	3.8	2.9	2.2	2.5	1.9	1.1	1.5		1.7
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
480	0.17 - 2.07	1.90	2	BANCROFT-DEWEY ST	59475	2786

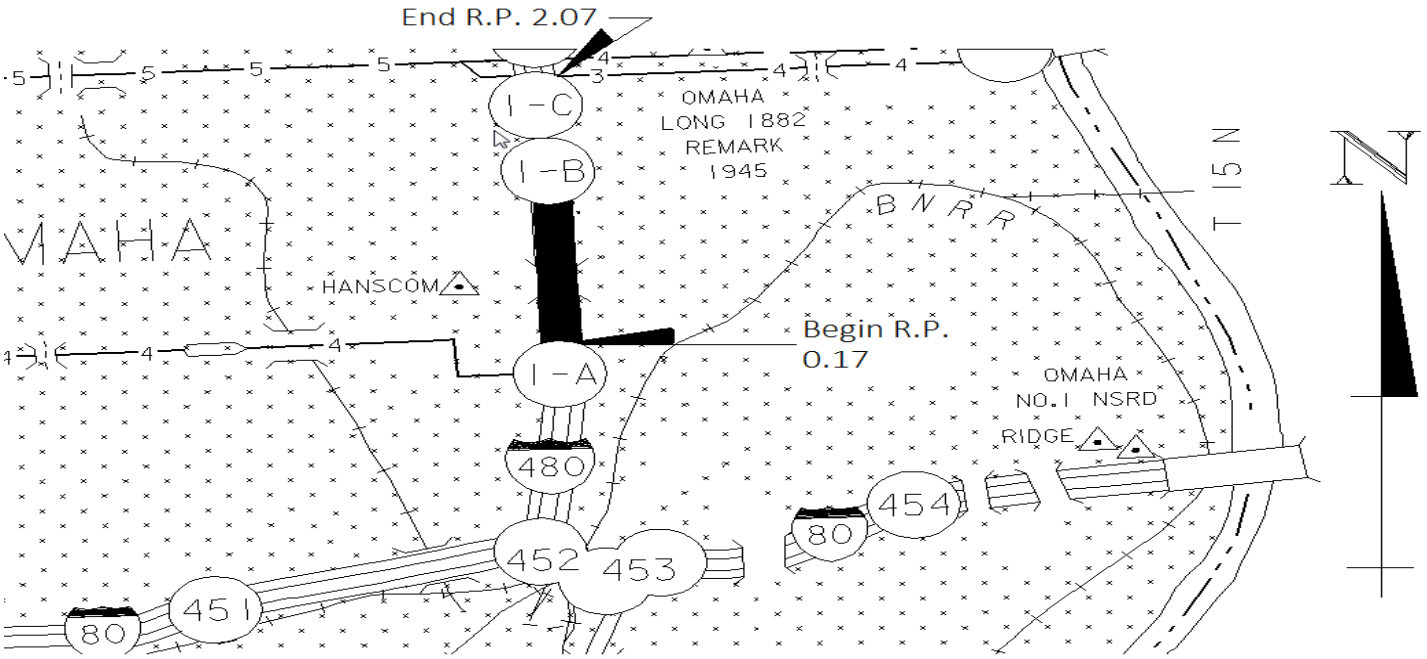
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NH-480-9(104)	*48'	16' 6"	Tie Bars	4" Granular & Regular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1993	2"	SP5	2009, 2017

*Mainline 36-48' wide, Concrete 12' inside and 10-12' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	1		22.0	74.0	3.0	100.0	9	2031	2035		

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1991	CONC PVMT	0.310-2.090	21398	IR-480-9(651)
1991	JOINT REPAIR RESURF	2.050-2.710	21366	IR-480-9(641)
1992	GR SURF	0.000-0.310	21486	IR-480-9(690)
1994	RESURF DETOUR	0.000-4.200	21516	EACIM-480-9(694)
2008	RESURF	0.000-2.070	22197	IM-480-9(101)
2015	Crack Seal	0.000-2.070	22525	IM-480-9(103)
2017	Mill, Resurf	0.000-2.070	22528	NH-480-9(104)
2021	Replace Damaged Sign Structure	1.500-1.500	22791	MISC-480-9(1219)
2023	Crack Seal	0.000-2.070	22824	NH-480-9(12)



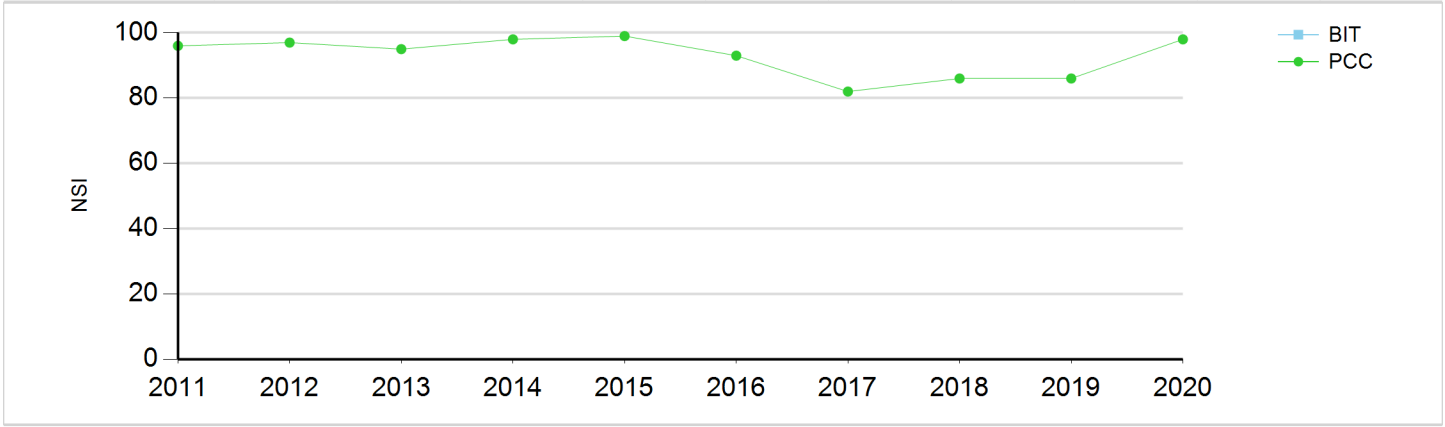
Comments:

2016 ITF - Resurfacing needs to stay in 2017. Bad longitudinal and transverse joints. S end is in worst. Used SLX vs. SP5 as 1st test on interstate. Bridges already SLX, need to correct joint issues.
2019 ITF - Last year resurfacing had large overun on PCC Rpr. Program crack seal.
2020 ITF - Program crack Seal.
2021- Crack seal in 2023 ok?

Pavement Condition History Data

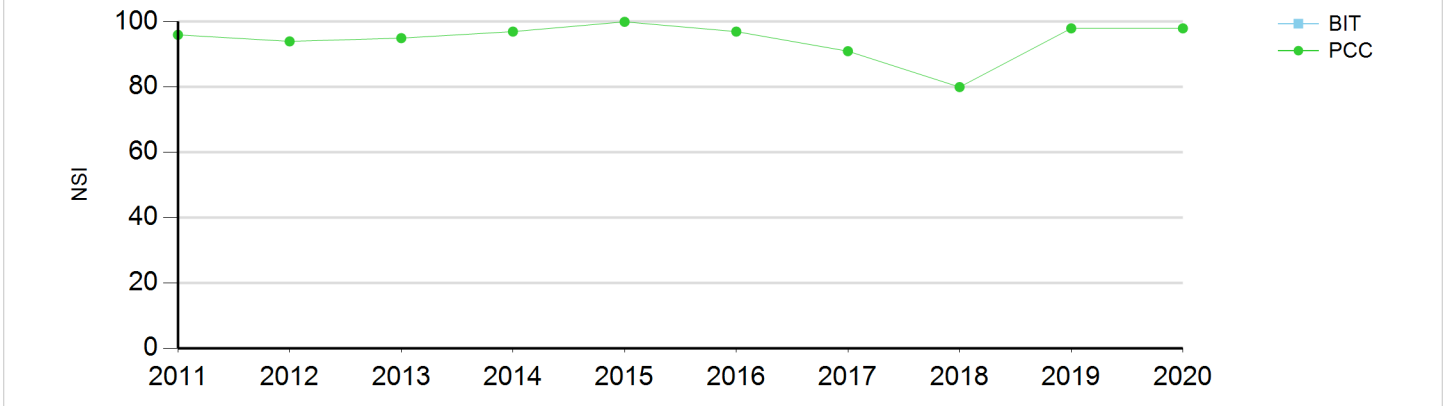
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
480	2.07	2.91	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	2	3	4	5	6	7	8	9	10	11
NSI Bit										
NSI PCC	96	97	95	98	99	93	82	86	86	98
IRI	1.66	1.56	1.69	1.54	1.70	1.82	1.85	1.89		1.70
PSI	4.0	4.1	4.0	4.2	4.0	3.8	3.7	3.9		4.0
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	10	0	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	0	20	0	0	0
Faulting	2.86	2.63	3.24	0.83	1.17	0.62	0.84	0.72		0.72
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
480	2.07	2.91	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age		1	2	3	4	5	6	7	8	9
NSI Bit										
NSI PCC	96	94	95	97	100	97	91	80	98	98
IRI	1.61	1.58	1.61	1.49	1.51	1.47	1.48	1.58		1.49
PSI	4.1	4.1	4.1	4.2	4.2	4.0	4.1	4.1		4.2
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	20	0	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	0	10	0	0	0
Faulting	3.11	3.44	3.44	0.82	0.74	0.61	0.53	0.54		0.56
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
480	2.07 - 2.91	0.84	2	DEWEY-20TH ST OMAHA	64704	2666

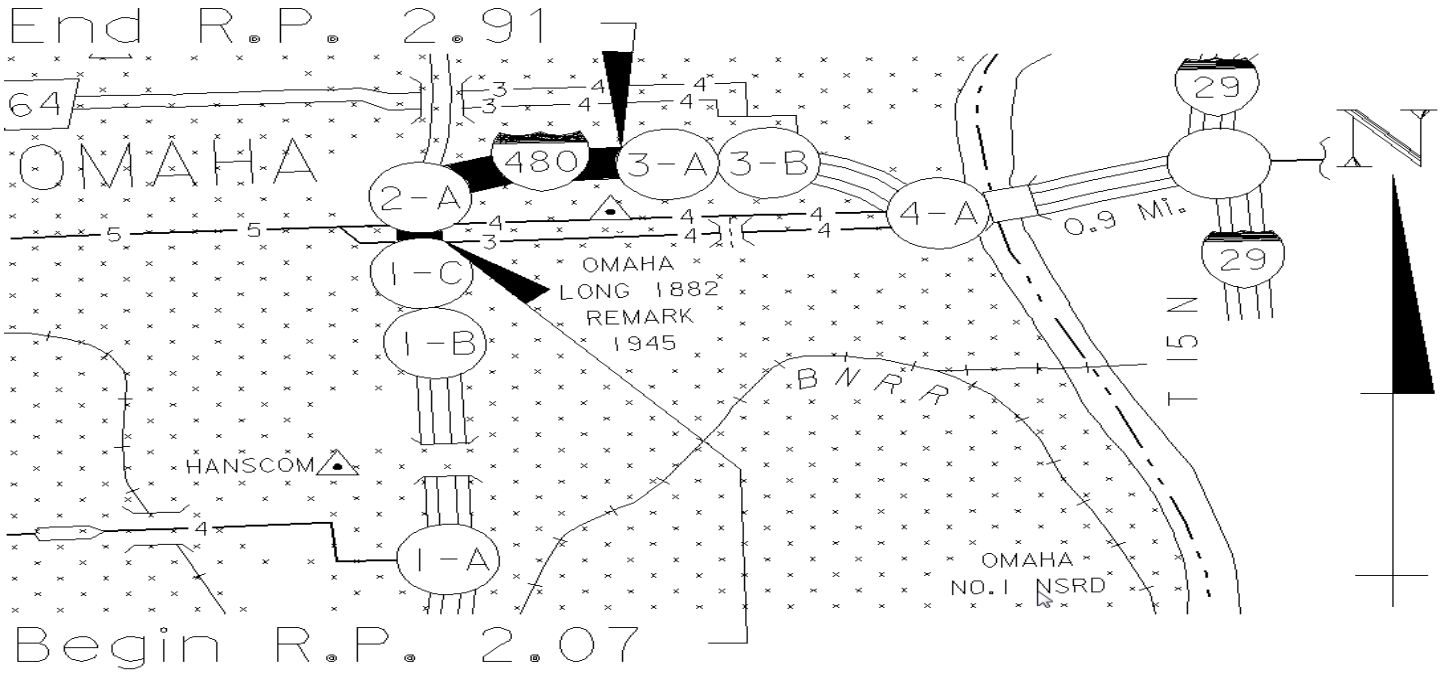
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-480-9(778)	48'	16' 6"	Doweled	4" Granular & Regular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	2011			

Concrete 12' inside and 10-12' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	11			100.0	100.0	9			2039	2045
Descending	8	11			100.0	100.0	9			2039	2045

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2008	GR CULV SURF BR REMOVAL	2.070-2.950	21808	IM-480-9(779)
2010	GR CULV SURF BR REMOVAL	2.070-2.950	21807	IM-480-9(778)
2021	Br Repair/Overlay	2.310-2.310	22732	NH-480-9(9)
2022	Joint Seal	2.070-2.910	22708	NH-480-9(6)



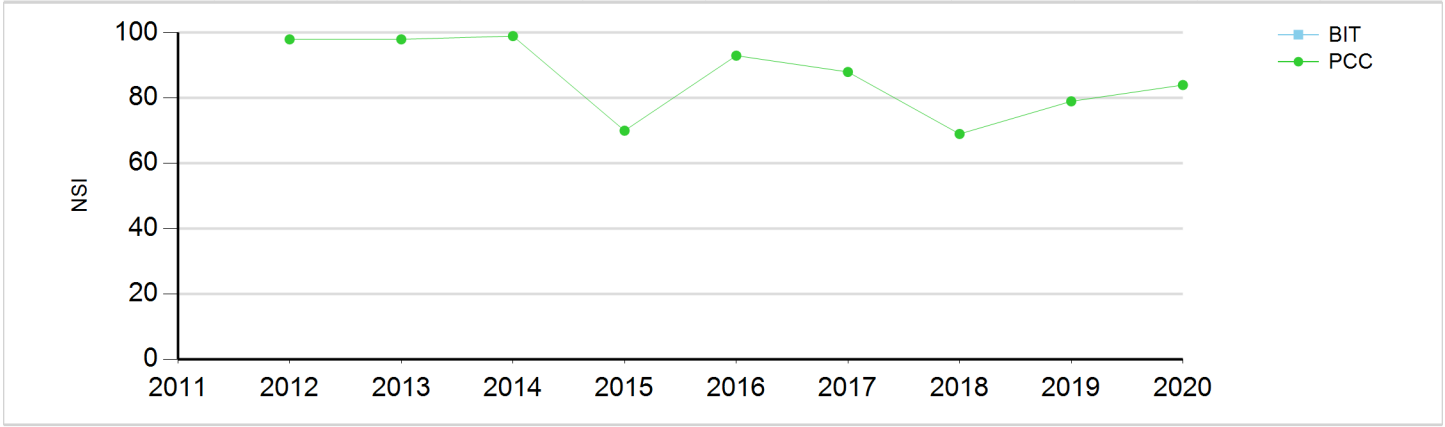
Comments:

Aug 2018 - Clarified project is Joint Seal, not Crack Seal. Added Hwy 75 RP 90.42 - 91.36 to cover entire 480/75 interchange that was built under 3 projects a few years apart.
2021- Bridge repairs this summer

Pavement Condition History Data

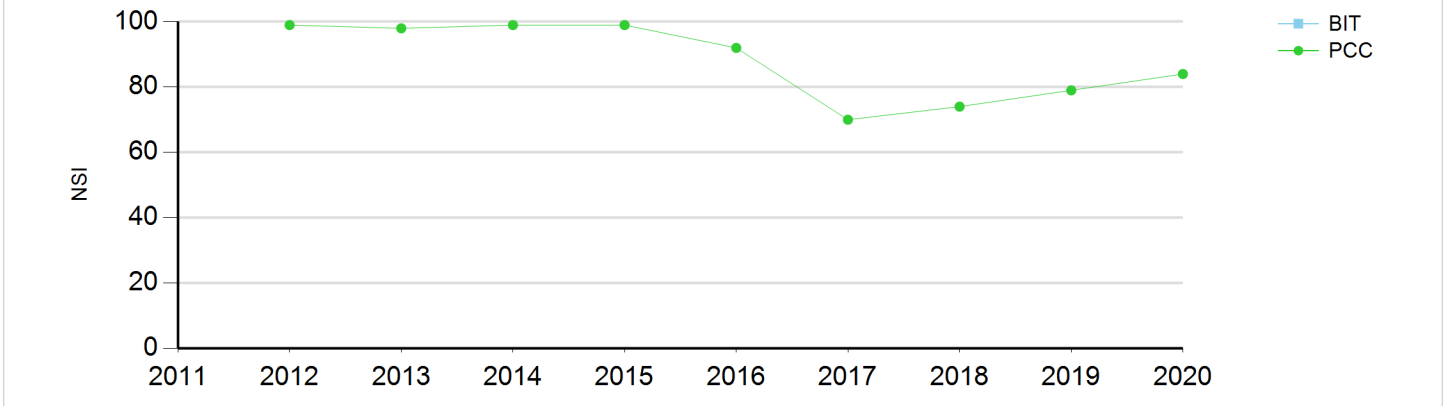
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
480	2.91	4.13	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	11	12	13	14	15	16	17	18	19	20
NSI Bit										
NSI PCC		98	98	99	70	93	88	69	79	84
IRI	2.60	2.67	2.81	2.78	2.94	2.84	2.77	2.74		2.75
PSI		3.2	3.0	3.1	2.9	3.0	3.0	3.1		3.1
Crkng Index BIT										
Slab Distrs PCC		0	0	0	0	0	0	0	0	0
#TC BIT										
%Bad Jnts PCC		0	0	0	0	0	10	0	0	0
Faulting		1.95	2.59	1.34	1.76	3.24	2.01	3.72		1.13
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
480	2.91	4.13	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	12	13	14	15	16	17	18	19	20	21
NSI Bit										
NSI PCC		99	98	99	99	92	70	74	79	84
IRI	2.66	2.61	2.71	2.75	2.89	2.79	2.86	2.85		2.80
PSI		3.2	3.1	3.1	3.0	3.0	2.9	3.0		3.1
Crkng Index BIT										
Slab Distrs PCC		0	0	0	0	0	0	0	0	0
#TC BIT										
%Bad Jnts PCC		0	0	0	0	5	10	0	0	0
Faulting		1.75	1.95	0.92	1.48	1.23	1.44	1.30		1.05
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



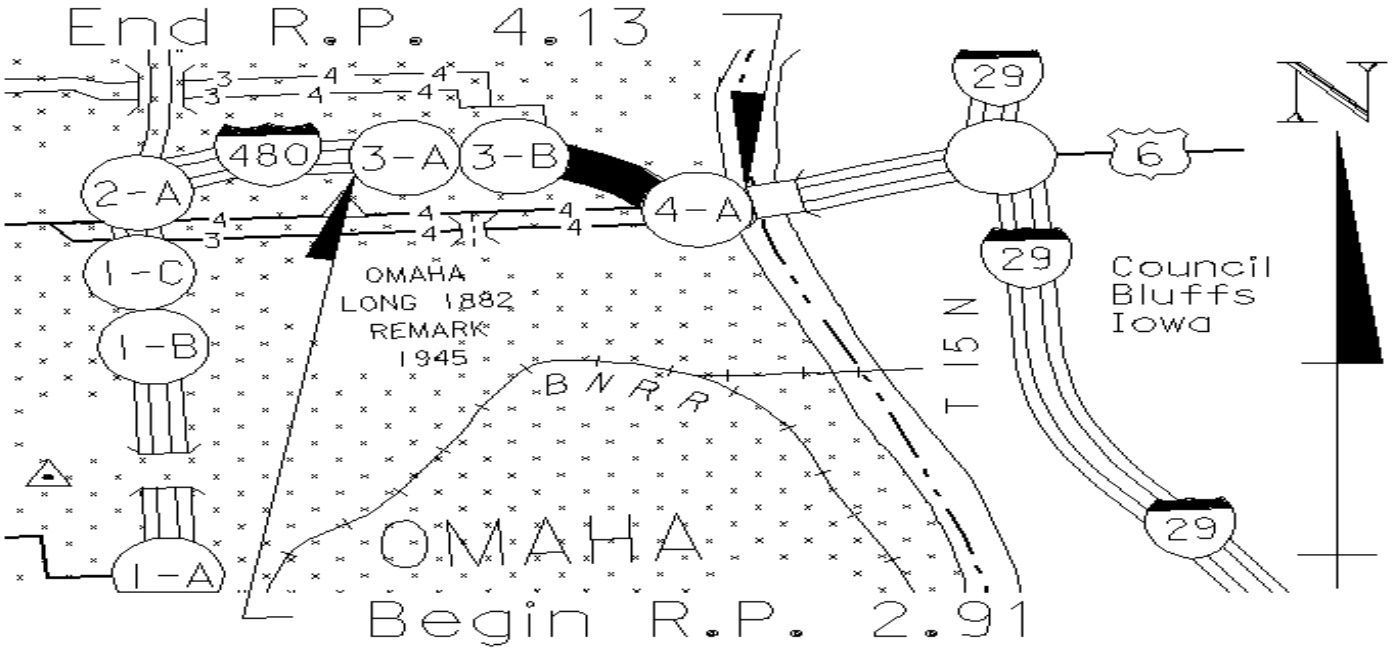
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
480	2.91 - 4.13	1.22	2	20TH ST-NEBR/IOWA LINE O	41522	1856

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-EACBH-480-9(766)	Variabl	16' 6"	Doweled	4" Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1999			

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	20			100.0	100.0	9			2023	2029
Descending	8	20			100.0	100.0	9			2023	2029

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2000	BR REDECK	3.100-3.450	21772	EACIM-EACBH-480-9(766)
2003	PIER REPAIR	3.450-4.000	22051	STR-480-9(1130)
2009	BR REHAB	3.100-3.100	22304	STR-480-9(1166)
2021	Br Repair/Overlay	2.910-3.970	22611	NH-480-9(3)



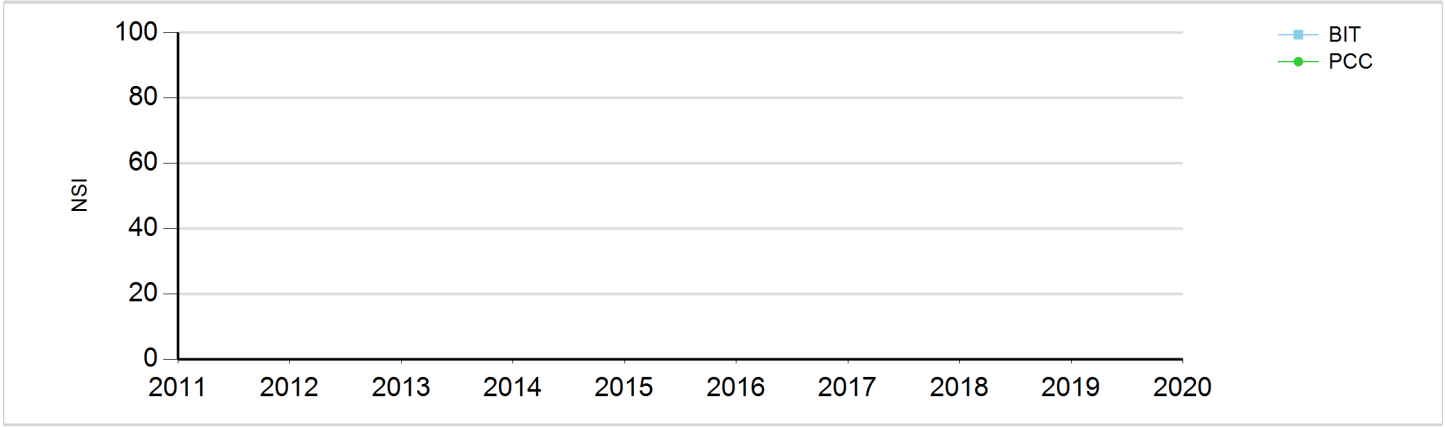
Comments:

2015 ITF - 480 bridges ugly, w/ASR. Include barrier seal w/Bridge overlay?
2021- Barrier seal included in repairs?

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	0.00	0.41	2	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age							1	2	3	4
NSI Bit										
NSI PCC										
IRI										
PSI										
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT										
%Bad Jnts PCC										
Faulting										
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
680	0.00 - 0.41	0.41	2	I80 INTERCHANGE OMAHA	76015	2977

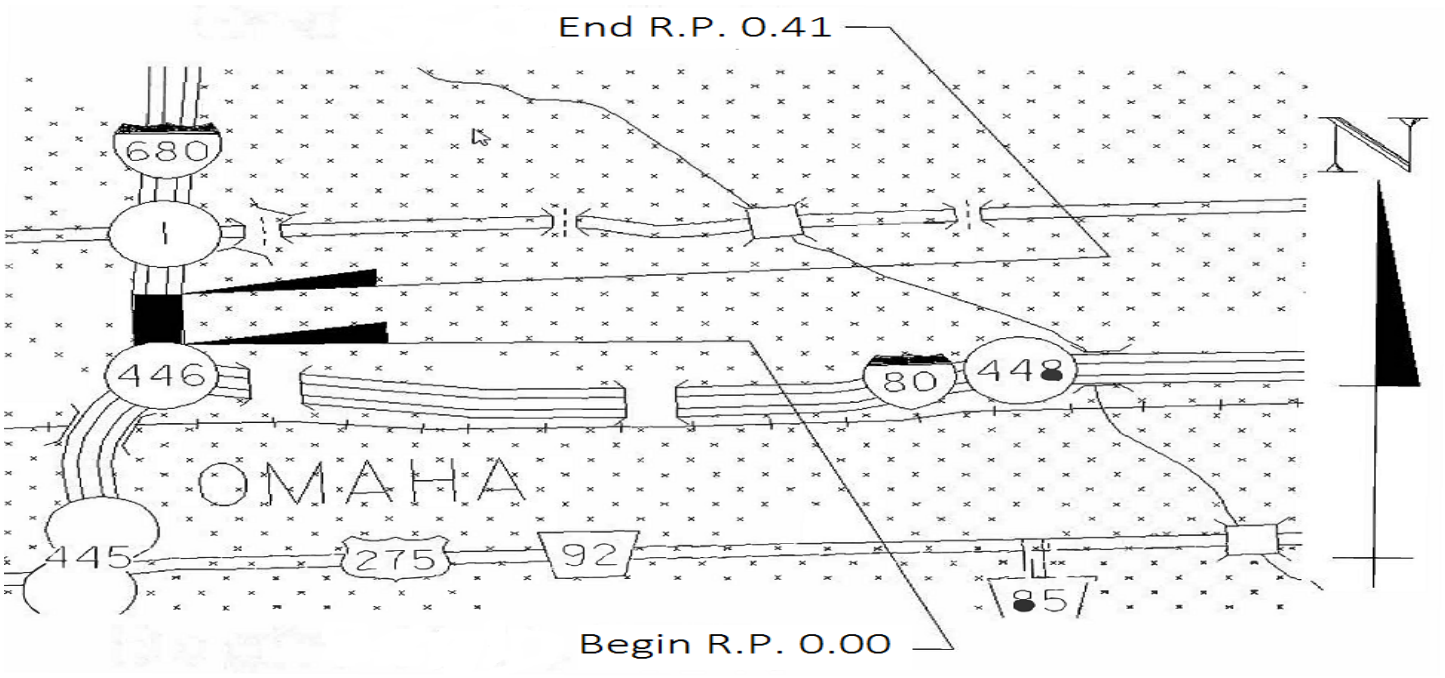
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-680-9(675)	*	16'6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1999	3"	SLX	2016

*Mainline 24' to 48' wide, Concrete 12.5' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	24		63.0	36.0	100.0	8				

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1992	BR REPAIR	0.170-0.170	21533	STR-680-9(1040)
1995	GR CULV SURF	0.270-0.900	21449	IM-680-9(669)
1997	GR CULV SURF	0.300-1.700	21455	EACIM-680-9(675)
1997	NOISE BARRIER	0.000-0.810	21819	IM-680-9(789)
1998	GR STR SURF	0.130-0.530	21456	EACIM-680-9(676)
2006	JT SEAL PLOWABLE MARKER REHAB	0.110-4.430	22003	RD-680-9(1121)
2008	BR	0.400-1.800	22068	NH-680-9(877)
2012	JOINT REPAIR, GRIND	0.110-5.900	22263	RD-680-9(1161)
2015	Br Repair, MSE Wall Repair	0.170-0.170	22555	STR-680-9(1192)
2015	High Friction Surf	0.110-0.850	22596	HSIP-680-9(34)
2021	Conc Repair/Seal, Crack Seal	0.110-5.900	22585	NH-HSIP-680-9(39)



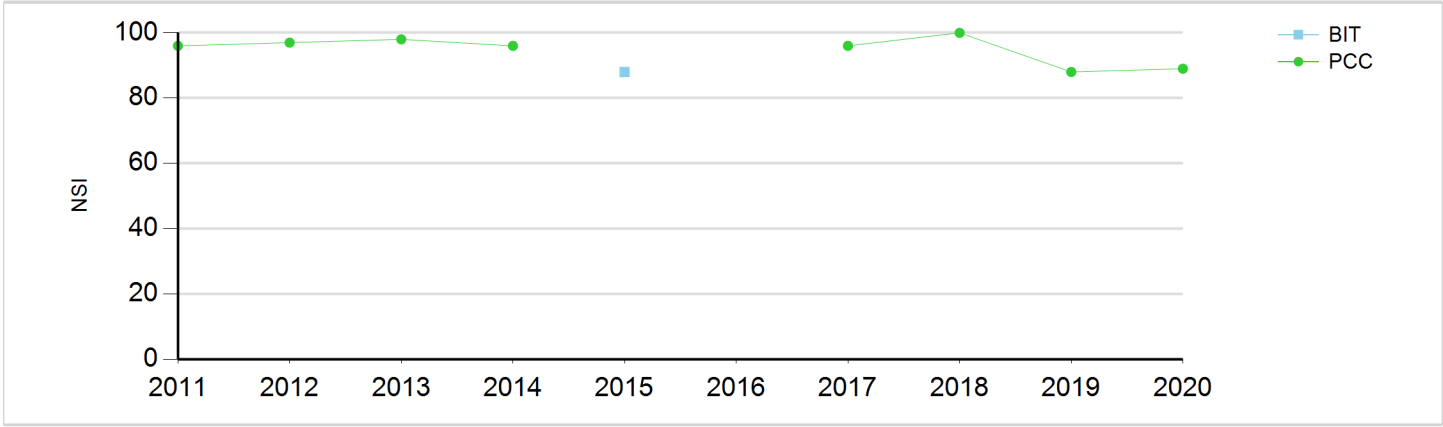
Comments:

Added Sealer to CN 22585, RP 0.11 - 5.90, original PCC only. Insufficient F ash based on proportioning reports.
5/19/20 - DE requests ITF review of CN 22585. Delay project to add repair of 80-100 inlets? Project currently in 7/16/20 letting.
2021- Repair & HFSC CN 2285 (Let)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	0.10	0.28	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	13	14	15	16	17	18	19	20	21	22
NSI Bit					88					
NSI PCC	96	97	98	96			96	100	88	89
IRI	2.29	2.61	1.93		1.03	1.51	0.88	1.10		1.70
PSI	3.5	3.2	3.8		4.4		4.5	4.5		4.0
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0			10	0	0	0
#TC BIT					0					
%Bad Jnts PCC	0	0	0	0			0	0	10	0
Faulting	3.26	2.88	2.53				0.71	0.76		1.27
Rut Depth -DL					3.3					
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
680	0.10 - 0.28	0.18	2	I80 INTERCHANGE OMAHA	76015	2977

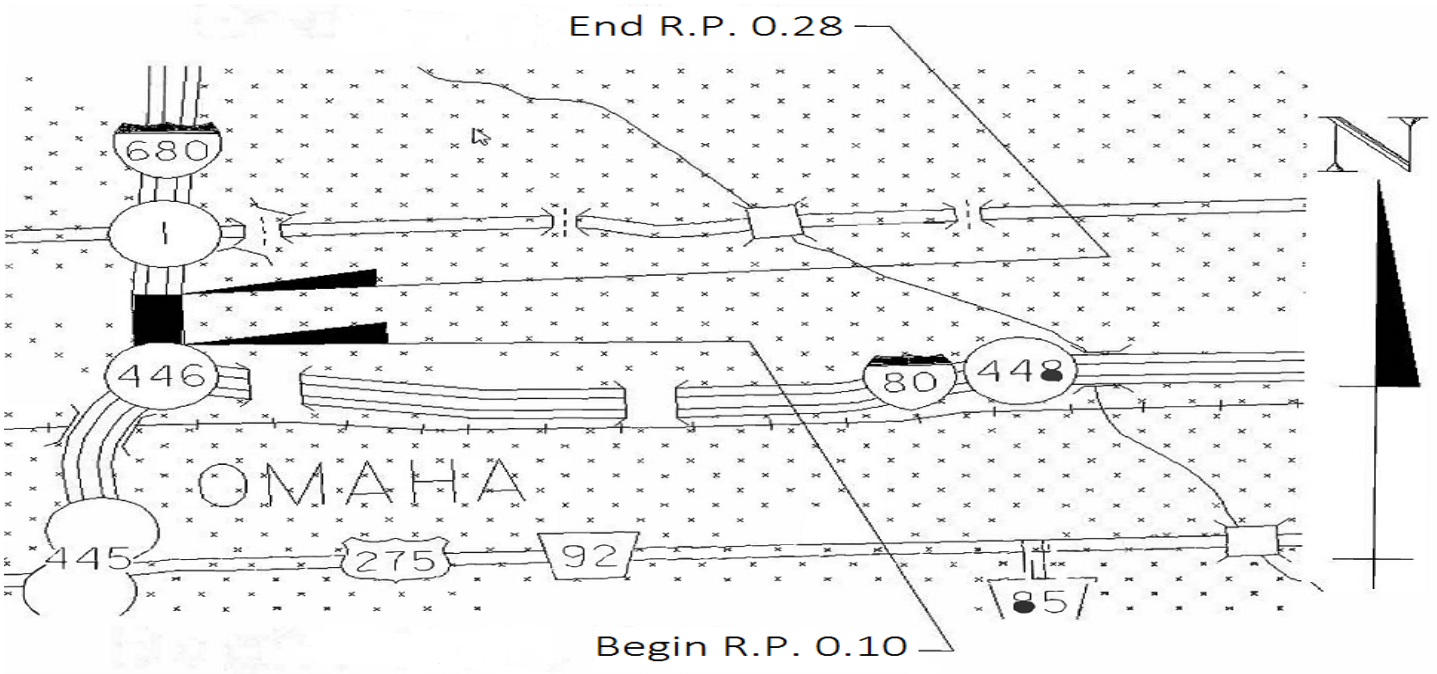
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-680-9(676)	*24'	16' 6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
14"	47B	1998			

*Mainline 24' to 48' wide, Concrete 12.5' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	8			18.0	81.0	100.0	9			2034	2040

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1997	NOISE BARRIER	0.000-0.810	21819	IM-680-9(789)
1998	GR STR SURF	0.130-0.530	21456	EACIM-680-9(676)
2006	JT SEAL PLOWABLE MARKER REHAB	0.110-4.430	22003	RD-680-9(1121)
2012	JOINT REPAIR, GRIND	0.110-5.900	22263	RD-680-9(1161)
2015	High Friction Surf	0.110-0.850	22596	HSIP-680-9(34)
2015	Br Repair, MSE Wall Repair	0.170-0.170	22555	STR-680-9(1192)
2021	Conc Repair/Seal, Crack Seal	0.110-5.900	22585	NH-HSIP-680-9(39)



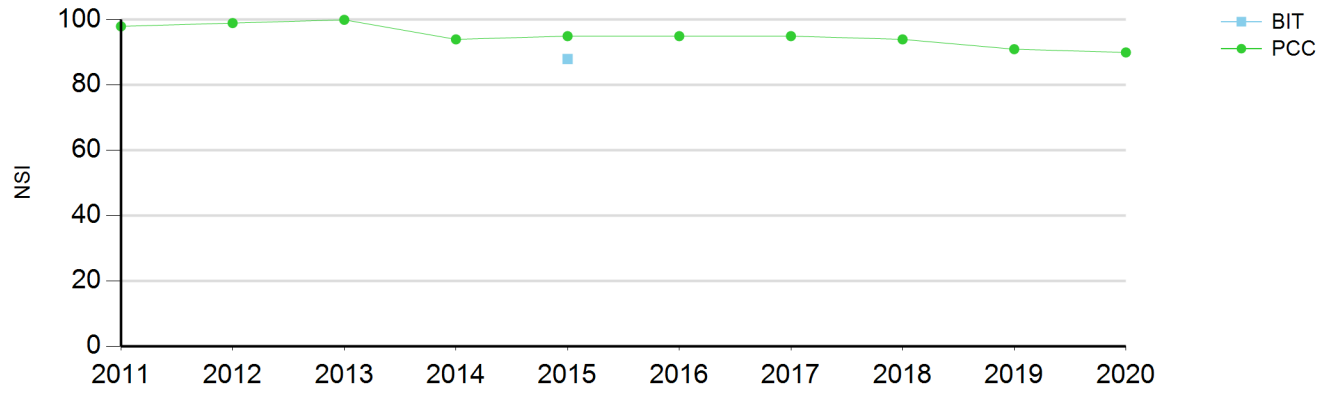
Comments:

2021- Repair & HFSC CN 2285 (Let)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	0.28	1.73	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	12	13	14	15	16	17	18	19	20	21
NSI Bit					88					
NSI PCC	98	99	100	94	95	95	95	94	91	90
IRI	1.87	1.40	1.26	0.89	0.92	0.93	1.30	1.15		1.13
PSI	3.8	4.2	4.3	4.5	4.5	4.5	4.3	4.4		4.5
Crkng Index BIT										
Slab Distrs PCC	5	5	5	10	10	10	5	0	0	0
#TC BIT					0					
%Bad Jnts PCC	0	0	0	0	0	0	0	0	5	0
Faulting	2.04	0.85	0.80	0.69	1.03	0.69	0.63	0.86		1.18
Rut Depth -DL					2.8					
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
680	0.28 - 1.73	1.45	2	I80-PACIFIC ST OMAHA	75197	2920

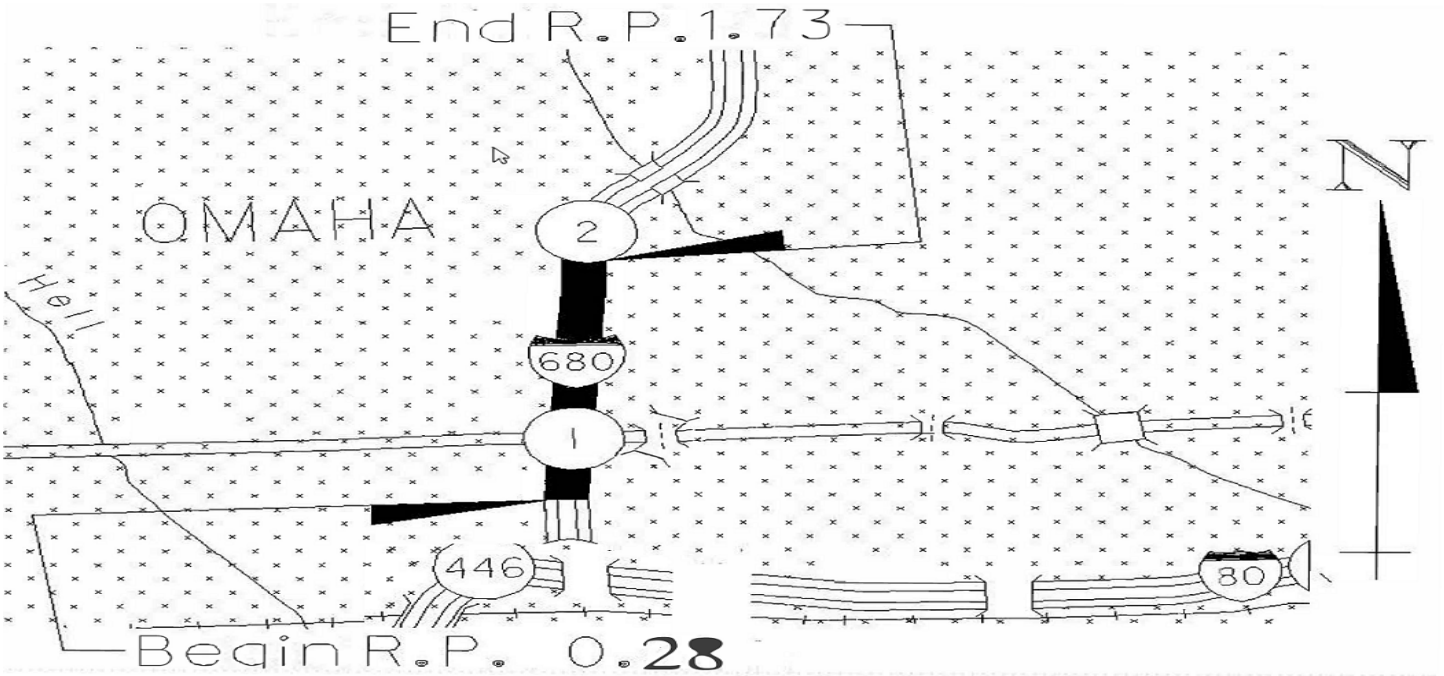
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-680-9(675),S-680-9	*	16'6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13", 14"	47B	1999, 07, 14			

*Mainline 24' to 48' wide, Concrete 12.5' Inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Descending	6		4.0	5.0	90.0	100.0	9			2035	2041

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1997	GR CULV SURF	0.300-1.700	21455	EACIM-680-9(675)
1997	GR STR SURF	0.530-1.130	21454	EACIM-680-9(674)
1998	GR STR SURF	0.130-0.530	21456	EACIM-680-9(676)
2006	JT SEAL PLOWABLE MARKER REHAB	0.110-4.430	22003	RD-680-9(1121)
2007	GR CONC PVMT	0.830-1.840	22068A	NH-680-9(878)
2008	BR	0.400-1.800	22068	NH-680-9(877)
2012	JOINT REPAIR, GRIND	0.110-5.900	22263	RD-680-9(1161)
2014	Add'l 1-Lane, Gr, Conc Pvmt, Br	0.960-2.290	22162	S-680-9(1190)
2015	High Friction Surf	0.110-0.850	22596	HSIP-680-9(34)
2021	Conc Repair/Seal, Crack Seal	0.110-5.900	22585	NH-HSIP-680-9(39)



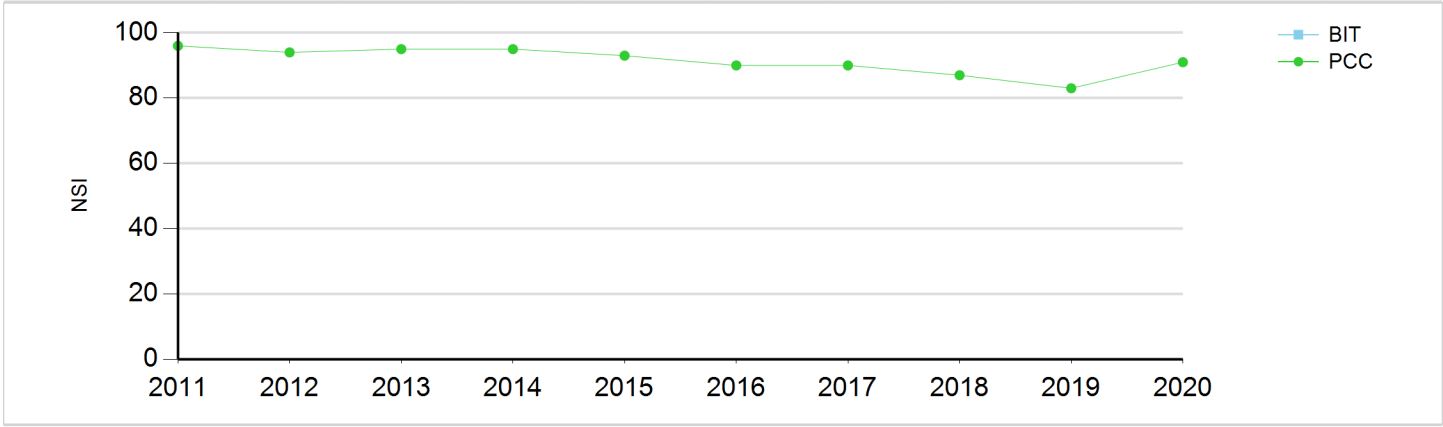
Comments:

2021- repair work this summer (nightwork)

Pavement Condition History Data

Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	0.41	1.73	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	12	13	14	15	16	17	18	19	20	21
NSI Bit										
NSI PCC	96	94	95	95	93	90	90	87	83	91
IRI	2.08	1.68	1.23		1.03	1.19	1.21	1.42	1.79	1.08
PSI	3.7	4.0	4.4		4.5	4.4	4.4	4.2	3.9	4.5
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	0	5	0	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	0	0	0	0	0
Faulting	2.45	1.48	1.15		1.19	0.86	0.67	1.35	1.22	1.45
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
680	0.41 - 1.73	1.32	2	I80-PACIFIC ST OMAHA	75116	2914

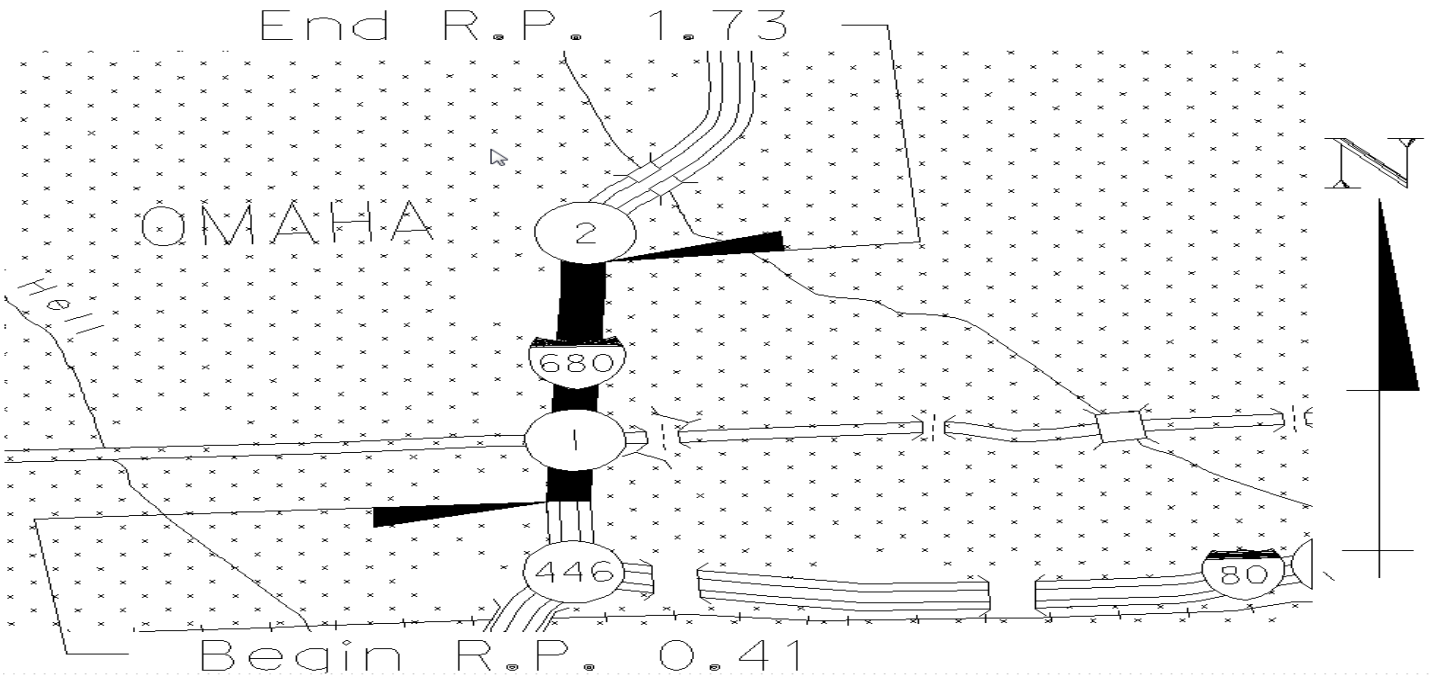
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
EACIM-680-9(675),S-680-9	*	16'6"	Tie Bars	4" Crushed Concrete

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
13", 14"	47B	1999, 07, 14			

*Mainline 24' to 48' wide, Concrete 12.5' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	21	4.0	3.0	91.0	100.0	9			2035	2041

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1997	GR CULV SURF	0.300-1.700	21455	EACIM-680-9(675)
1997	GR STR SURF	0.530-1.130	21454	EACIM-680-9(674)
1998	GR STR SURF	0.130-0.530	21456	EACIM-680-9(676)
2006	JT SEAL PLOWABLE MARKER REHAB	0.110-4.430	22003	RD-680-9(1121)
2007	GR CONC PVMT	0.830-1.840	22068A	NH-680-9(878)
2012	JOINT REPAIR, GRIND	0.110-5.900	22263	RD-680-9(1161)
2014	Add'l 1-Lane, Gr, Conc Pvmt, Br	0.960-2.290	22162	S-680-9(1190)
2015	High Friction Surf	0.110-0.850	22596	HSIP-680-9(34)
2021	Conc Repair/Seal, Crack Seal	0.110-5.900	22585	NH-HSIP-680-9(39)



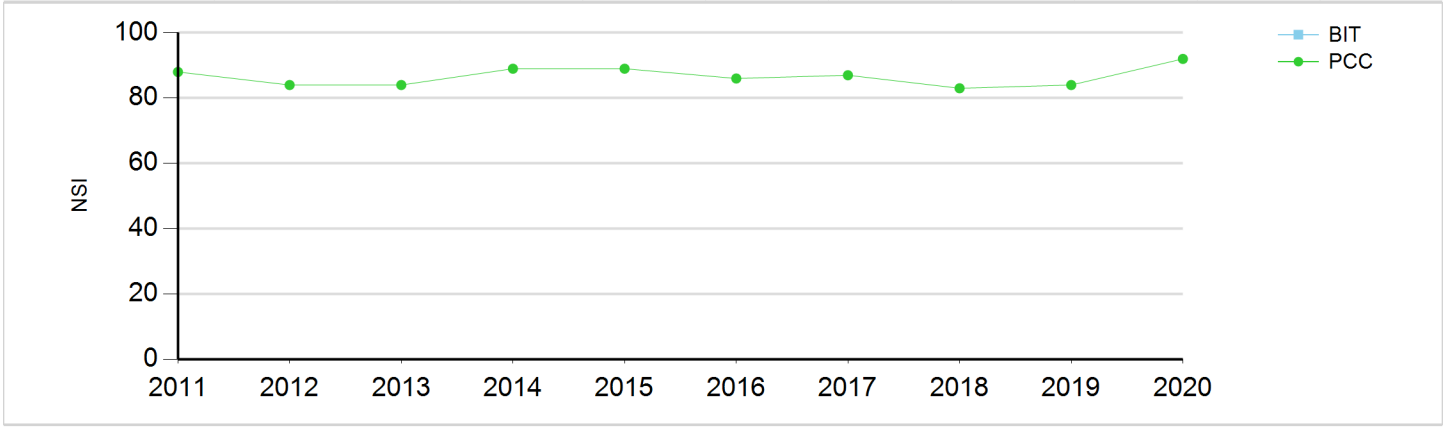
Comments:

2020 ITF - HFST starting to shed. Program next HFST. DE believes it has been effective. Note use of safety funds.
2021-Program MTIS E16 (Pacific-Dodge) for 2026.

Pavement Condition History Data

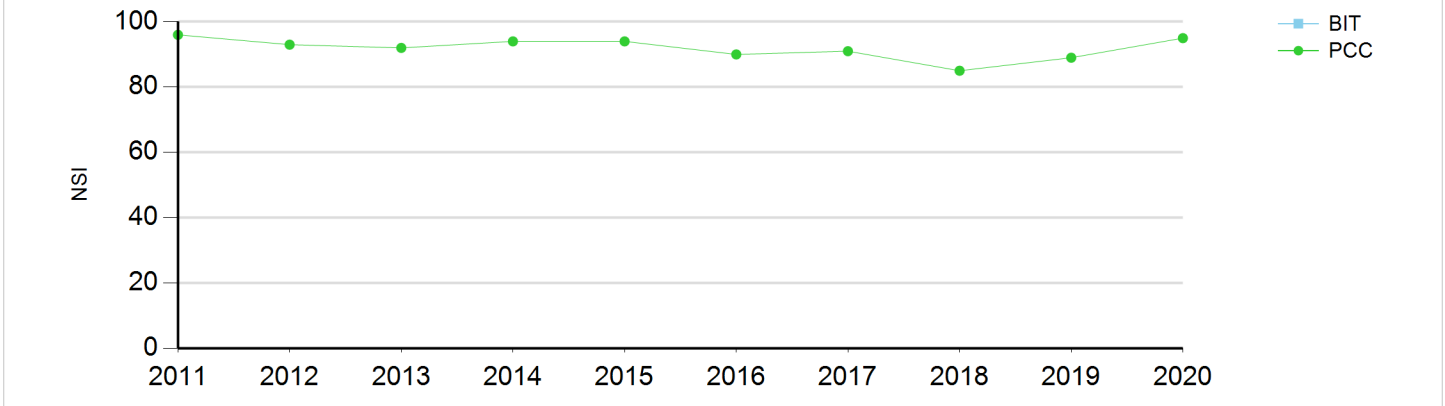
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	1.73	4.37	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	11	12	13	14	15	16	17	18	19	20
NSI Bit										
NSI PCC	88	84	84	89	89	86	87	83	84	92
IRI	1.36	1.48	1.51		1.69	1.78	1.60	1.64	1.72	1.75
PSI	4.2	4.2	4.2		4.0	3.9	4.1	4.0	4.0	4.0
Crkng Index BIT										
Slab Distrs PCC	0	0	0	2	2	7	2	0	0	0
#TC BIT										
%Bad Jnts PCC	7	0	0	0	0	0	0	0	0	0
Faulting	0.19	1.48	0.94		0.90	0.71	0.69	0.68	0.95	0.55
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	1.73	4.37	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	11	12	13	14	15	16	17	18	19	20
NSI Bit										
NSI PCC	96	93	92	94	94	90	91	85	89	95
IRI	1.35	1.49	1.47	1.64	1.70	1.74	1.70	1.69		1.69
PSI	4.2	4.1	4.2	4.0	4.0	3.9	4.0	4.0		4.0
Crkng Index BIT										
Slab Distrs PCC	5	5	5	5	5	10	5	0	0	0
#TC BIT										
%Bad Jnts PCC	5	0	0	0	0	0	0	0	2	0
Faulting	0.19	0.47	0.82	0.75	1.08	0.75	0.70	0.74		0.75
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
680	1.73 - 4.37	2.64	2	PACIFIC ST-MAPLE ST OMAH	117654	4330

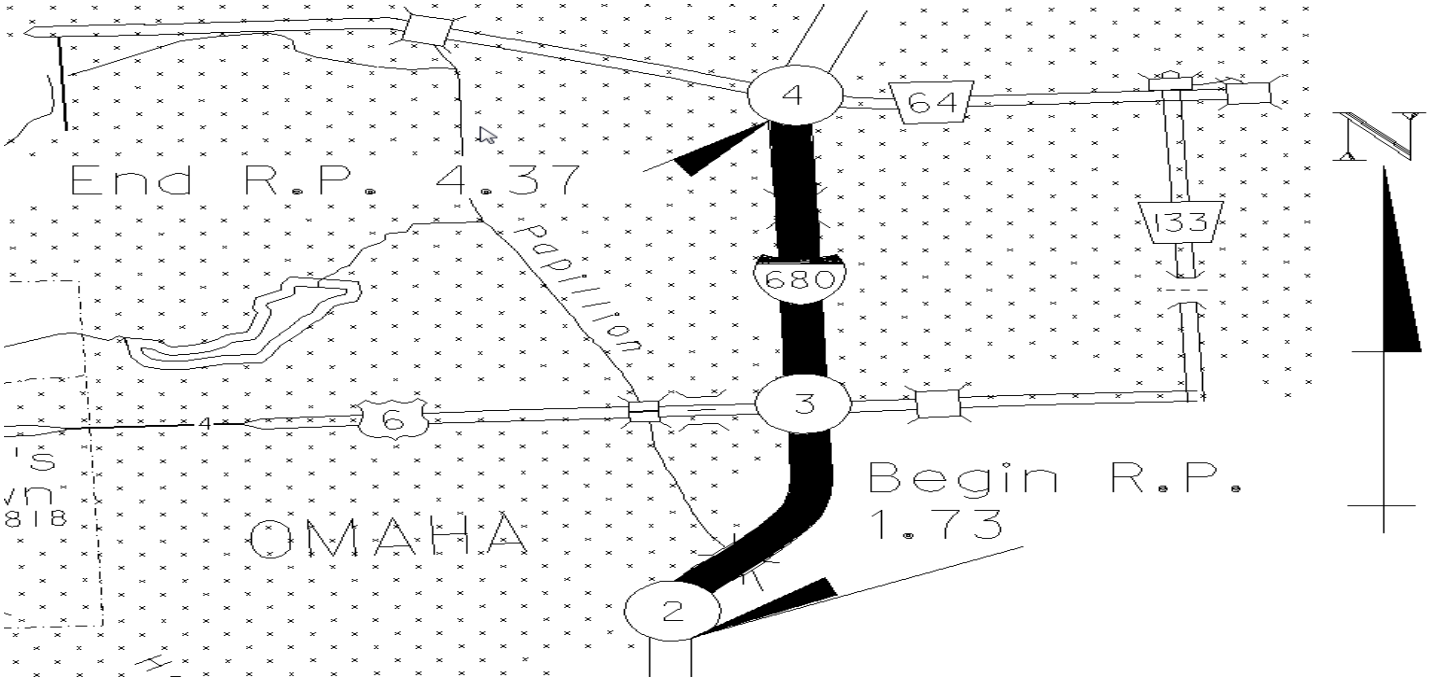
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
680-9(1190)(878)(569)(718)	*35' 5"	16' 6"	Doweled	8" Crushed Conc or Bit

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12", 14", 13"	47B	00, 07, 14			

*Mainline 35.5 - 59' wide, Conc 11' 10" inside 9' 10"-11' 10" outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	20			100.0	100.0	9			2036	2042
Descending	8	20			100.0	100.0	9			2037	2043

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1999	6-LANE GR STR SURF	1.730-3.720	21214	EACNH-680-9(569)
1999	CONC PVMT	3.720-4.430	21654	EACNH-680-9(718)
2003	GR SURF	3.020-3.020	21840	EACIM-680-9(796)
2006	JT SEAL PLOWABLE MARKER REHAB	0.110-4.430	22003	RD-680-9(1121)
2012	JOINT REPAIR, GRIND	0.110-5.900	22263	RD-680-9(1161)
2014	Add'l 1-Lane, Gr, Conc Pvmt, Br	0.960-2.290	22162	S-680-9(1190)
2021	Conc Repair/Seal, Crack Seal	0.110-5.900	22585	NH-HSIP-680-9(39)



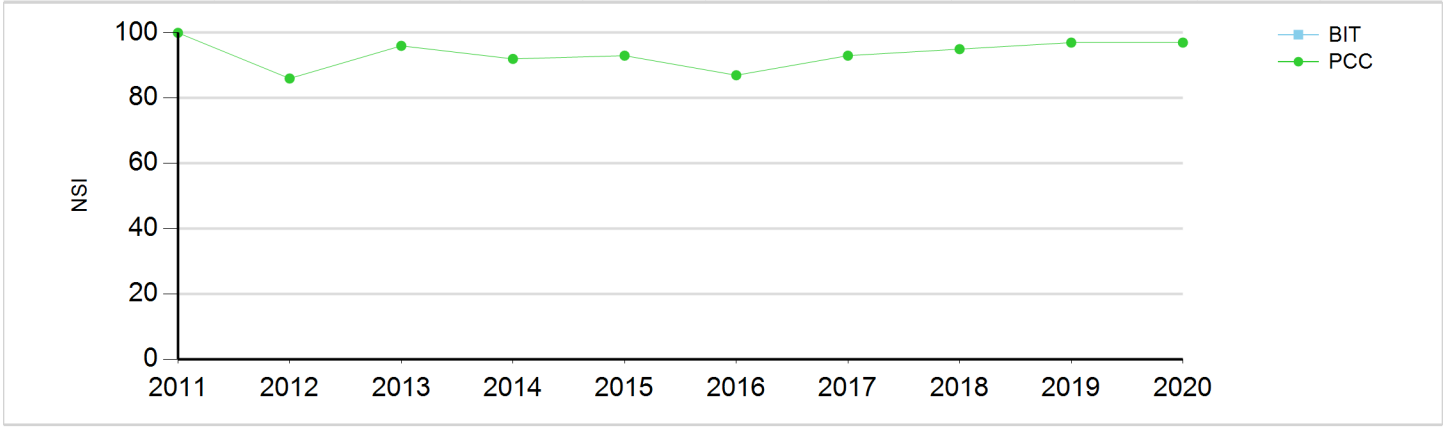
Comments:

2020 ITF - Need to delay Rpr seal/Repair to include extensive inlet repairs. Pavement condition ok to delay.
2021- Panel repair at Dodge street pushed back to 2022. Program MTIS E16 (Pacific-Dodge) for 2026.

Pavement Condition History Data

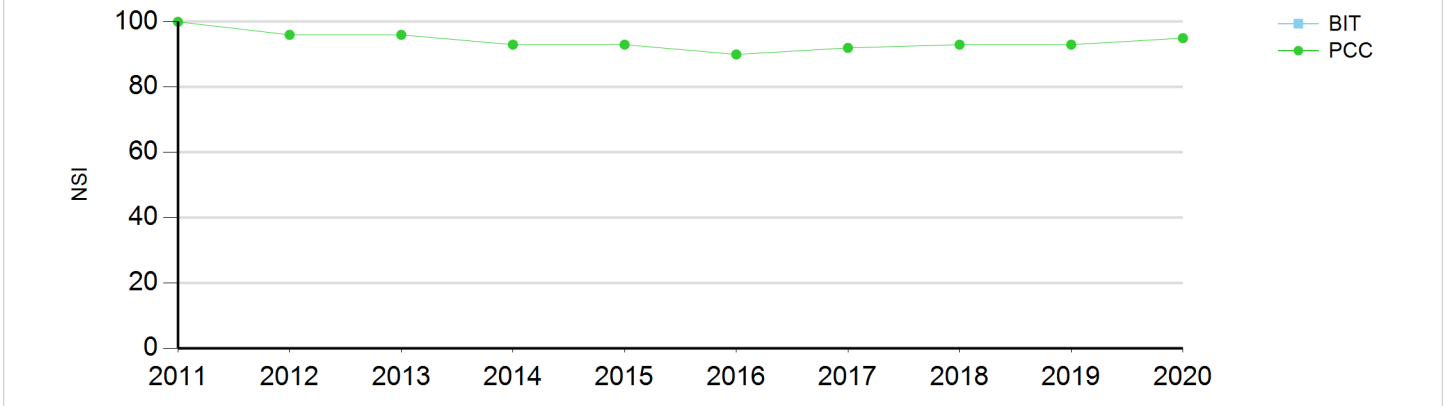
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	4.37	5.90	2	Concrete	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	5	6	7	8	9	10	11	12	13	14
NSI Bit										
NSI PCC	100	86	96	92	93	87	93	95	97	97
IRI	1.35	1.55	1.46		1.36	1.41	1.50	1.58	1.60	1.41
PSI	4.3	4.0	4.2		4.2	4.0	4.1	4.1	4.1	4.3
Crkng Index BIT										
Slab Distrs PCC	0	0	0	5	5	15	5	0	0	0
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	5	0	0	0	0
Faulting	0.13	4.72	0.53		0.67	0.56	0.40	0.60	0.62	0.36
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	4.37	5.90	2	Concrete	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age	5	6	7	8	9	10	11	12	13	14
NSI Bit										
NSI PCC	100	96	96	93	93	90	92	93	93	95
IRI	1.39	1.45	1.73	1.36	1.27	1.24	1.51	1.51		1.39
PSI	4.3	4.2	4.0	4.3	4.3	4.3	4.1	4.2		4.2
Crkng Index BIT										
Slab Distrs PCC	0	0	0	0	5	5	5	0	0	5
#TC BIT										
%Bad Jnts PCC	0	0	0	0	0	0	0	0	0	0
Faulting	0.43	1.15	0.86	0.49	0.63	0.58	0.42	0.54		0.37
Rut Depth -DL										
% Over 13mm										
Rut Depth -PL										



Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
680	4.37 - 5.90	1.53	2	MAPLE ST-FORT ST OMAHA	73216	2824

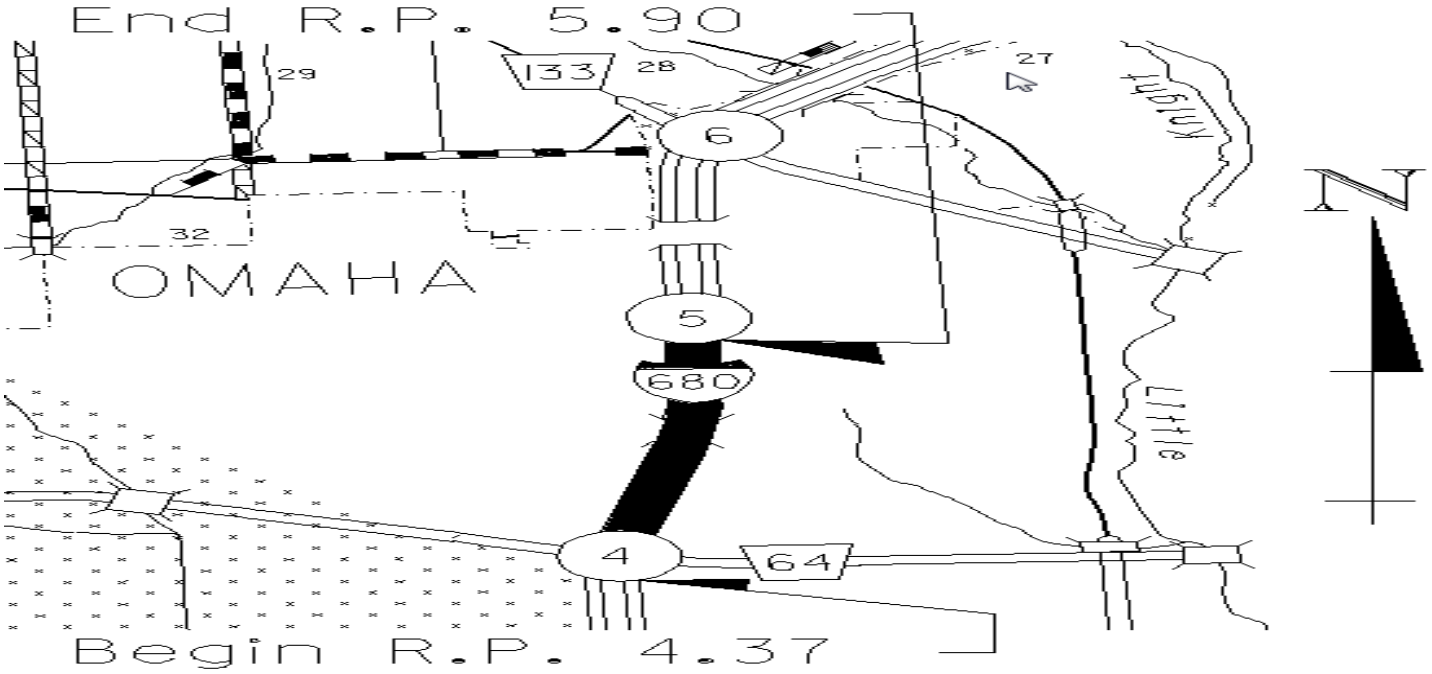
Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
NN-BR-680-9(806)	48'	16' 6"	Doweled	5" Crushed Conc or Bit

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
12"	47B	2006			

*Mainline 48' wide, Concrete 12' inside and 10' outside shld

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	14			100.0	100.0	8			2038	2044
Descending	8	14			100.0	100.0	8			2037	2043

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
2004	6 LANE GR STR CONC PVMT	4.370-5.900	21908	NH-BR-680-9(806)
2006	JT SEAL PLOWABLE MARKER REHAB	0.110-4.430	22003	RD-680-9(1121)
2012	JOINT REPAIR, GRIND	0.110-5.900	22263	RD-680-9(1161)
2021	Conc Repair/Seal, Crack Seal	0.110-5.900	22585	NH-HSIP-680-9(39)



Comments:

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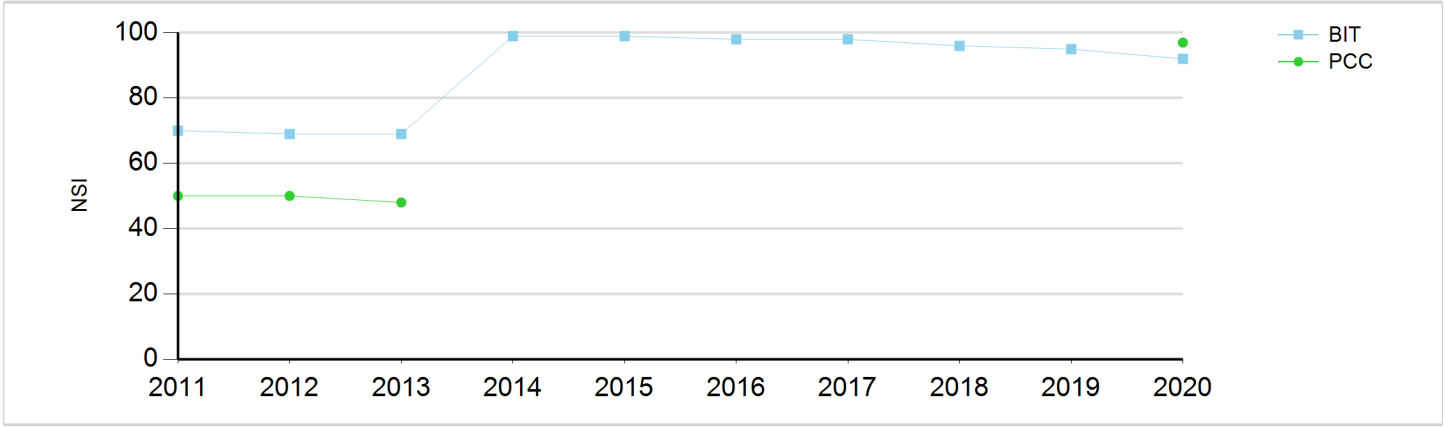
Pavement Condition History Data

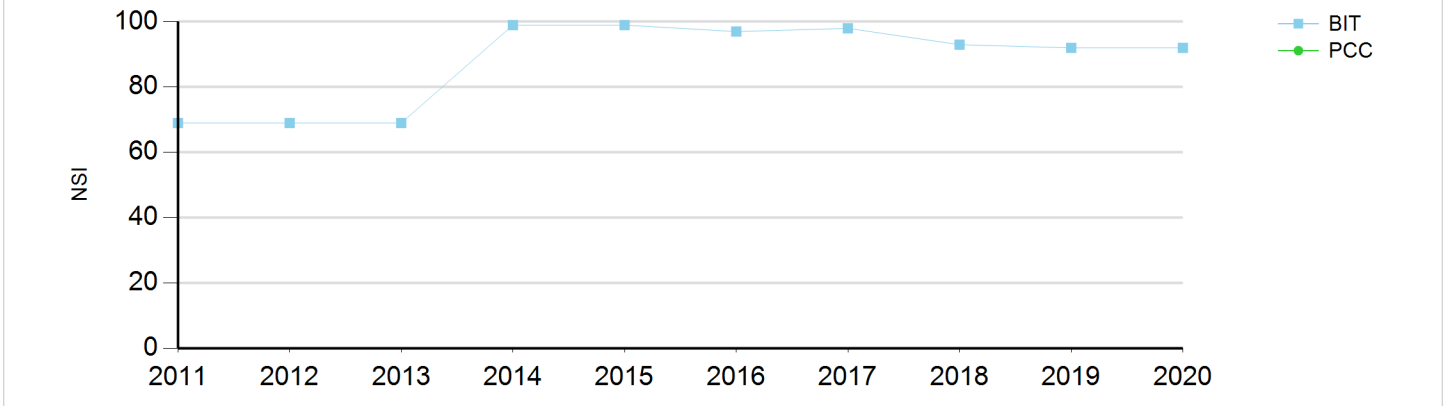
Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	5.90	13.43	2	Composite	Ascending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit	70	69	69	99	99	98	98	96	95	92
NSI PCC	50	50	48							97
IRI	1.42	1.60	1.74	0.80	0.86	0.86	0.92	0.94	1.12	0.98
PSI	3.9	3.8	3.7	4.4	4.4	4.4	4.4	4.3	4.2	4.3
Crkng Index BIT										
Slab Distrs PCC	0	0	0							0
#TC BIT	79	79	79	0	0	9	0	34	34	91
%Bad Jnts PCC	40	40	40							0
Faulting	1.24	1.72	2.09							0.68
Rut Depth -DL	4.0	5.5	4.3	1.9	2.0	1.7	2.2	2.5	2.7	2.7
% Over 13mm										
Rut Depth -PL										



Highway Number	Beg. Ref. Post	End Ref. Post	District	Surface Type	Lane Direction
680	5.90	13.43	2	Composite	Descending

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Age					1	2	3	4	5	6
NSI Bit	69	69	69	99	99	97	98	93	92	92
NSI PCC										
IRI	1.42	1.50	1.75	0.94	0.99	1.02	1.12	1.07		1.08
PSI	3.9	3.9	3.8	4.4	4.4	4.3	4.3	4.3	4.4	4.3
Crkng Index BIT										
Slab Distrs PCC										
#TC BIT	66	66	66	0	0	10	0	31	93	85
%Bad Jnts PCC										
Faulting										
Rut Depth -DL	4.0	4.9	4.5	1.8	1.8	1.5	2.0	2.2		2.4
% Over 13mm	0.1									
Rut Depth -PL										



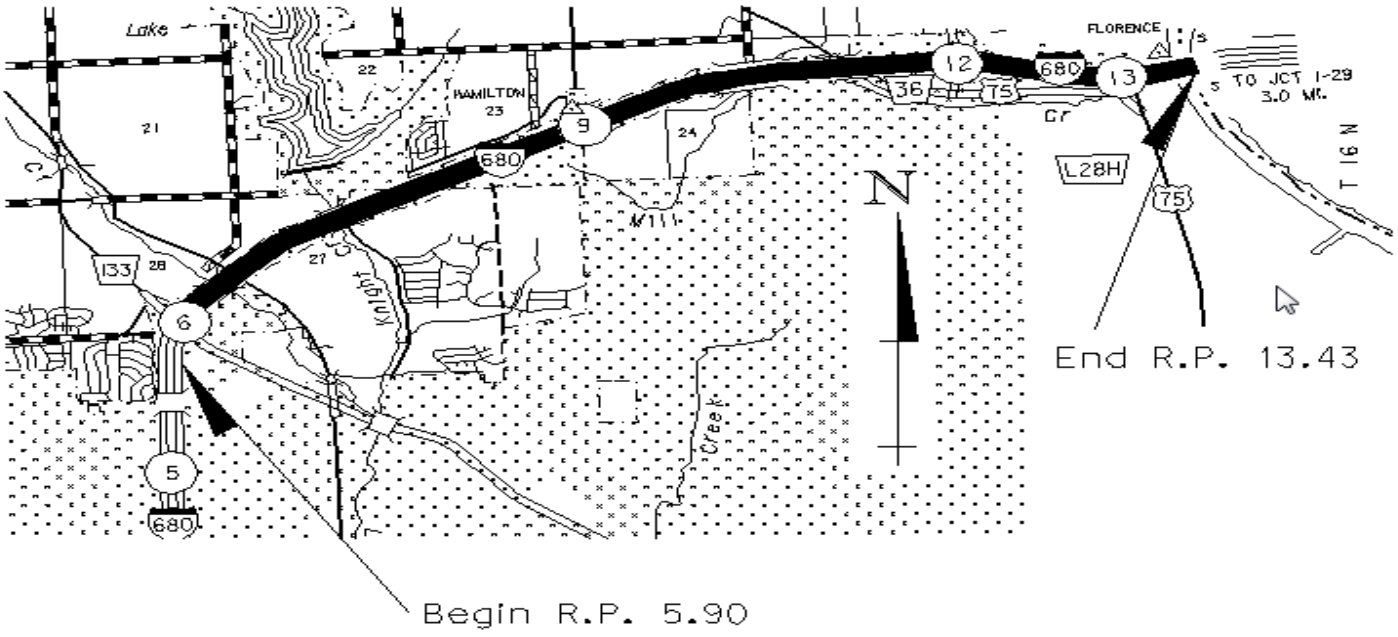
Highway	Reference Post	Length (mi)	District	Location	ADT	Truck ADT
680	5.90 - 13.43	7.53	2	FORT ST-NEBR/IOWA LINE	0	0

Project Number	Width	Joint Spacing	Reinforcement	Foundation Depth & Type
IM-680-9(30)	24'	CRCP	Wire	3" Cement Treated Granular

PCC			AC		
Thickness	Type	Year(s) Constructed	Thickness	Type	Year(s) Constructed
8", 9", 13"	47B	1971, 74, 75	3"	SPH	95, 98, 02, 04, 14

	Mainline					Shoulder		AC		PCC	
Lane Direction	Type	Age	Bit %	Comp %	PCC %	Paved %	Rating	Opt Year	Crit Year	Opt Year	Crit Year
Ascending	8	47	4.0	91.0	3.0	100.0	8	2028	2032	2023	2029
Descending	8	47	4.0	91.0	3.0	100.0	8	2028	2032	2033	2039

FY	Rehabilitation Strategy	Reference Post	CN	Project Number
1993	JOINT REPAIR RESURF	10.200-13.430	21281	EACIM-680-9(598)
1997	JOINT REPAIR RESURF	7.660-10.250	21281A	EACIM-680-9(709)
1998	MILL CONC REPAIR RESURF	4.430-7.610	21280	EACIM-680-9(596)
2000	CRACK SEALING	7.450-10.200	21844	RD-680-9(1074)
2001	CRACK SEAL	4.430-7.610	21843	RD-680-9(1073)
2002	MILL, INLAY, INCL S SHLD	10.200-13.290	21681	EACIM-680-9(744)
2004	MILL, INLAY	7.620-10.290	22004	IM-680-9(870)
2005	CRACK SEAL	10.200-13.290	22154	RD-680-9(1043)
2008	CRACK SEAL FOG SEAL	5.900-10.290	22195	RD-680-9(1147)
2009	CRACK SEAL	10.200-13.290	22198	RD-680-9(1150)
2013	Pvmt Repair, Br Repair	5.900-13.430	22264	IM-BH-680-9(29)
2014	Mill, Resurf	5.900-13.430	22264A	IM-680-9(30)
2018	Crack Seal	5.900-13.430	22584	NH-680-9(38)



Comments:

Mormon (Missouri River) Bridges will be resurfaced under CN 22632 in 2018.
Leave cross-overs in place for future needs or remove with project? Remove per DE 2017 ITF.
2019 ITF - Program next project. Resurface in 2022? Program rebuild.
2020 ITF - Program next resurfacing.
2021- Program next resurfacing (2026?) May need to do a crack seal prior depending on programming date.
Tim - Thinks there will be some panel repairs also prior to Program for 2026 Mill & Resurface mill 3/ fill4 (MTIS S19 & S20)