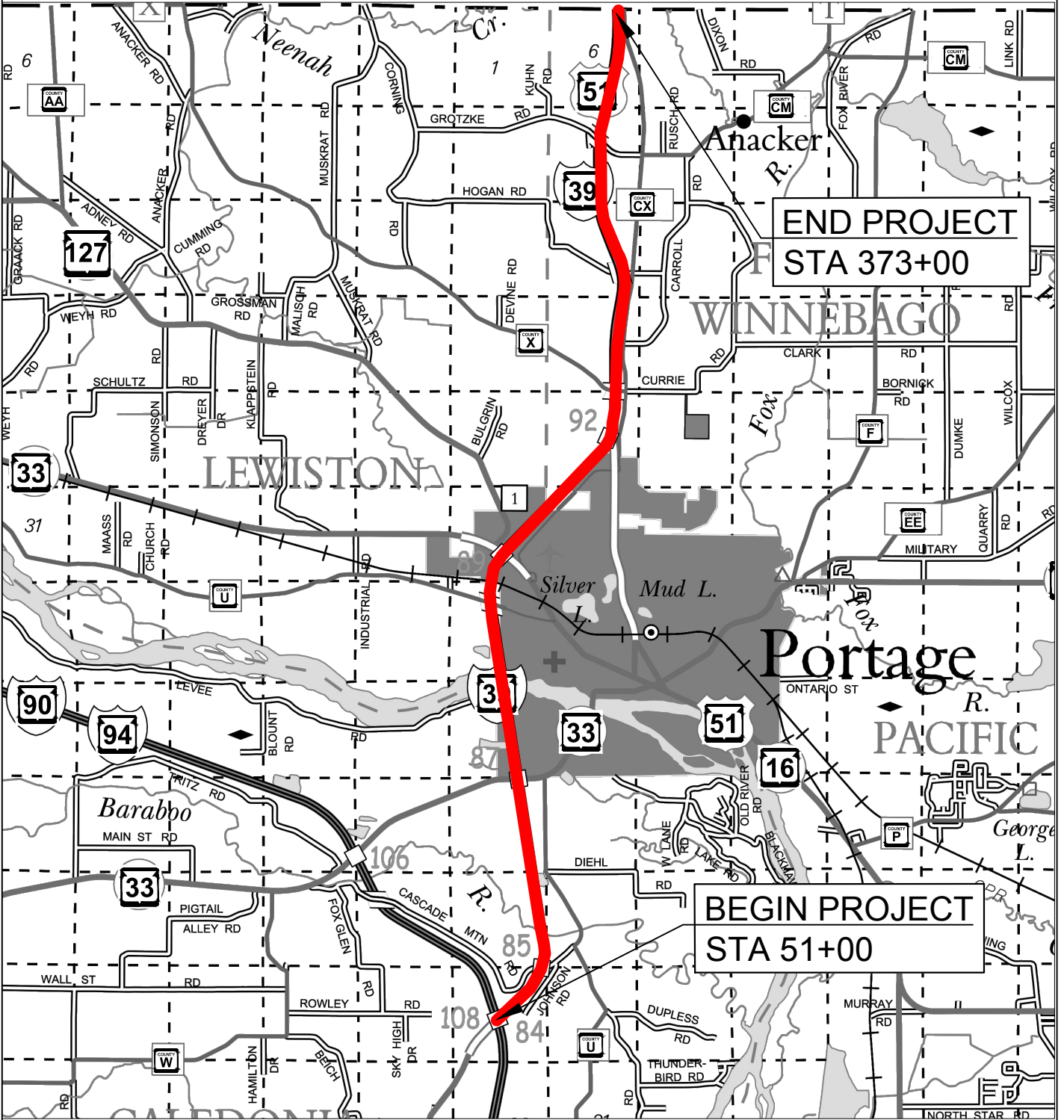


Exhibits 1a & 1b
Project Location Map
and
US 51 Ramp Map

EXHIBIT 1A PROJECT LOCATION MAP



Madison/Packwaukee

STH 78 to Marquette County Line, NB Only

IH 39

Columbia County

SCALE

1 MI.

PROJECT LOCATION MAP

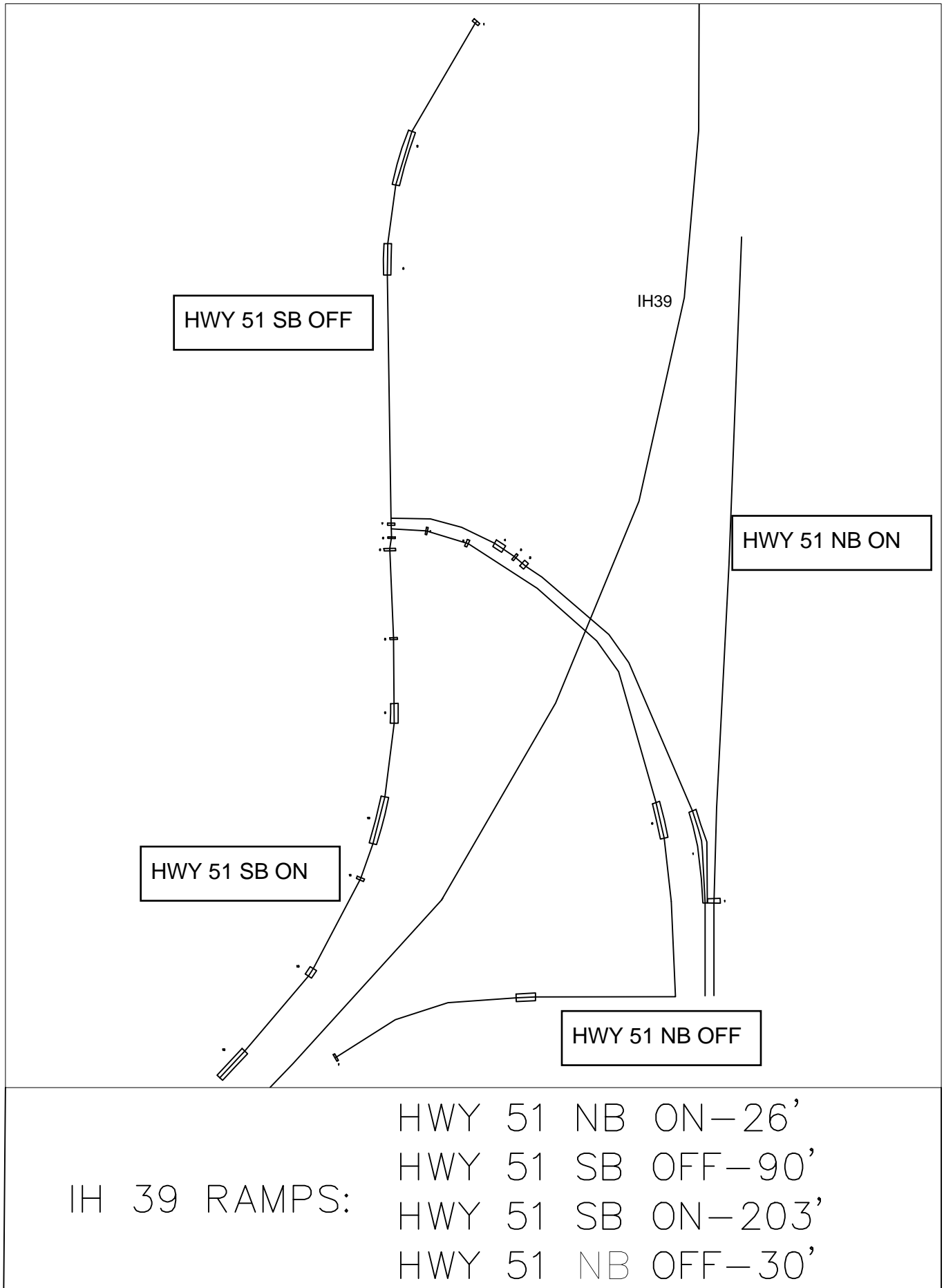
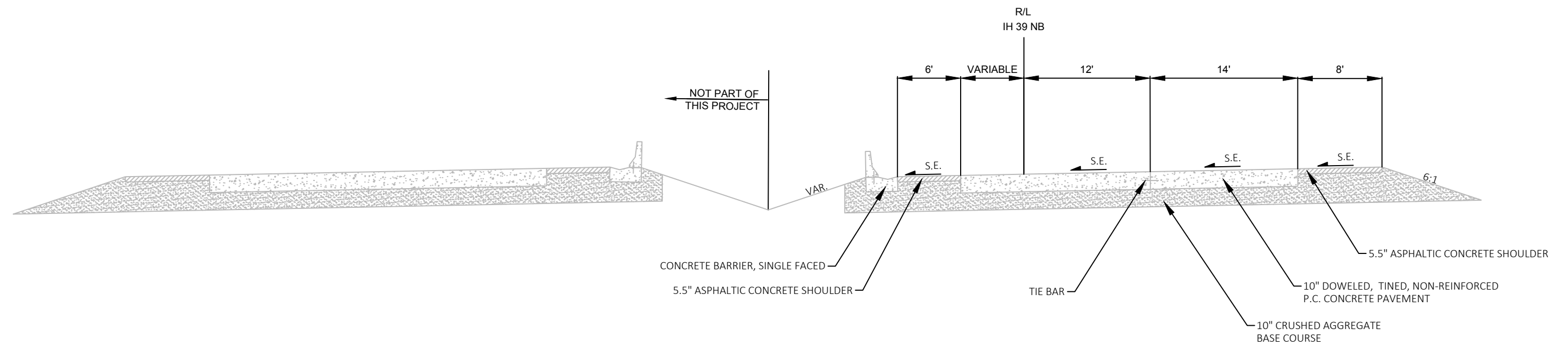


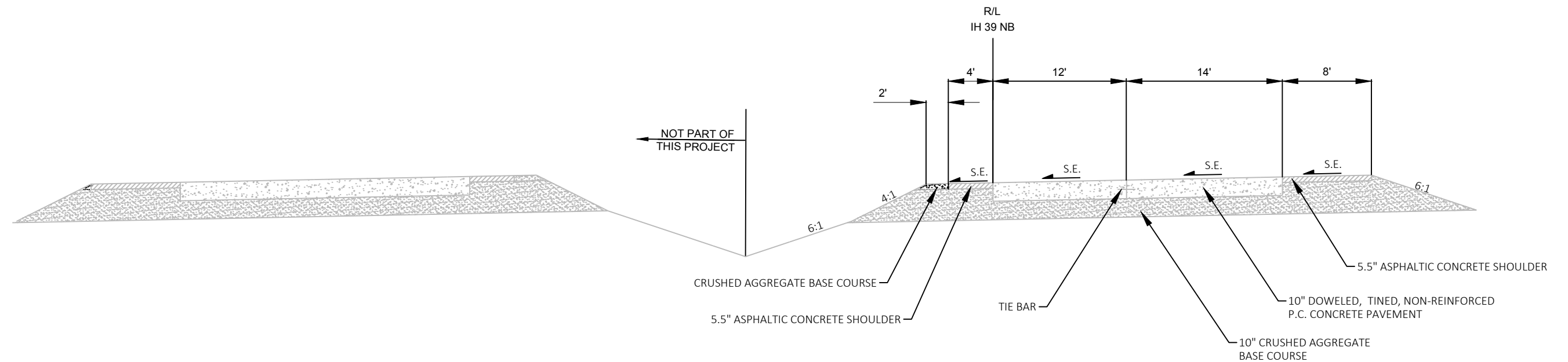
EXHIBIT 1B USH 51 RAMP MAP

Exhibits 2a & 2b

Existing and Proposed Typical Sections

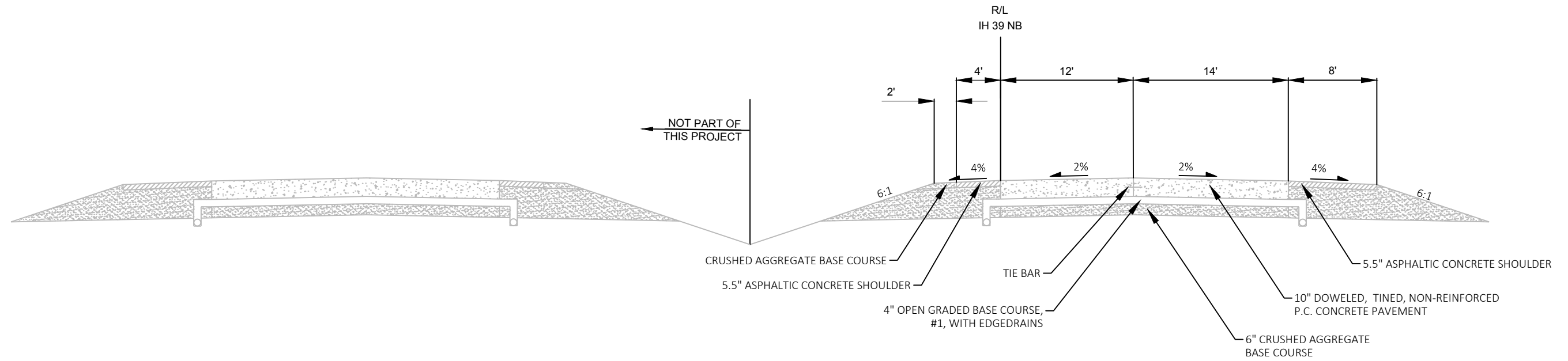


TYPICAL EXISTING SECTION - IH 39
STA 36+91.36 TO 67+90



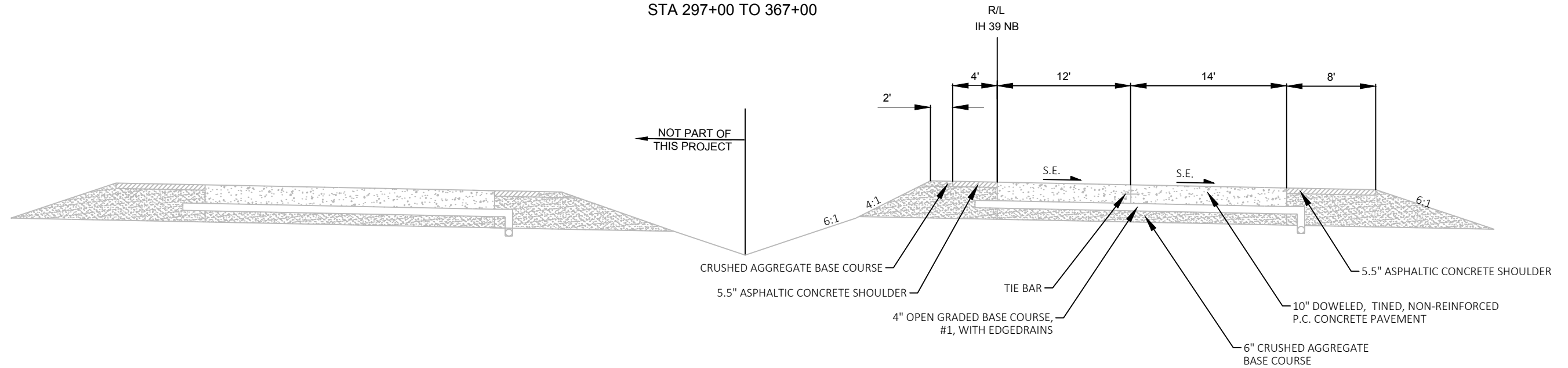
TYPICAL EXISTING SECTION - IH 39
STA 67+90 TO 74+00

EXHIBIT 2A EXISTING TYPICAL SECTIONS



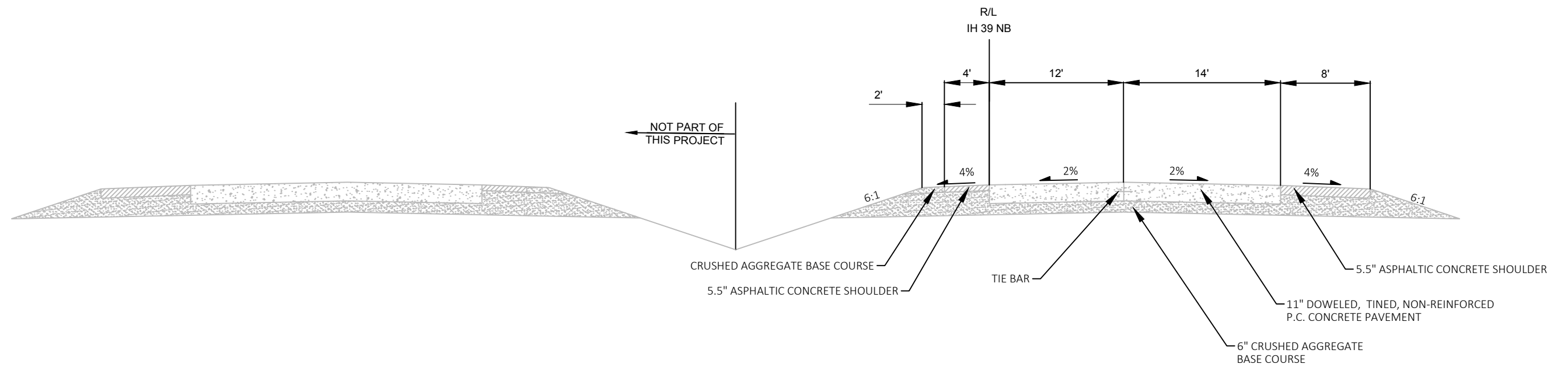
TYPICAL EXISTING SECTION - IH 39

STA 74+00 TO 74+60
STA 75+33 TO 206+54
STA 207+53 TO 210+65
STA 221+85 TO 254+00
STA 297+00 TO 367+00



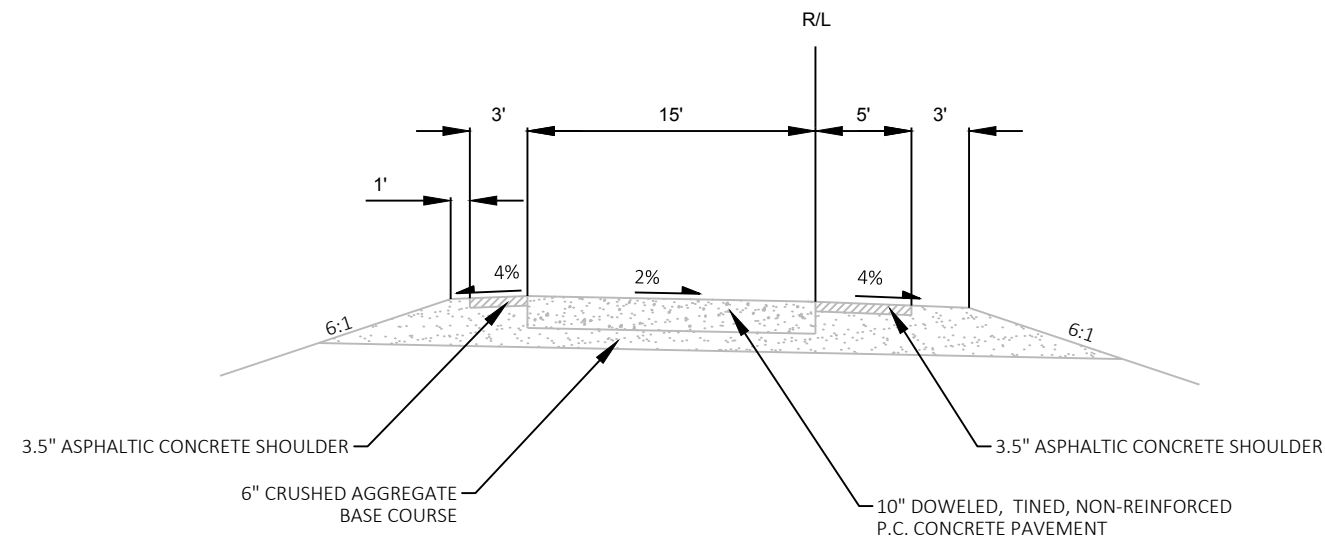
TYPICAL EXISTING SECTION - IH 39

STA 254+00 TO 272+30
STA 273+85 TO 289+46
STA 291+44 TO 297+00
STA 367+00 TO 373+00



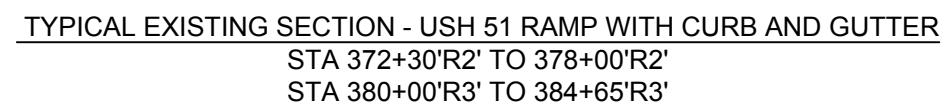
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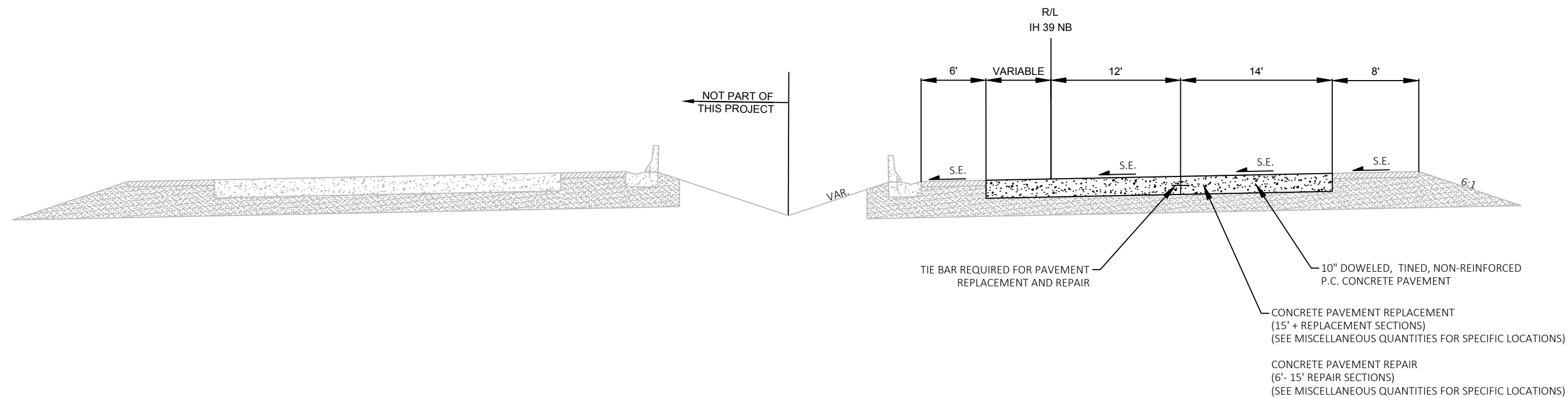
STA 373+00 TO 377+24
STA 378+90 TO 470+40
STA 471+48 TO 612+14.60



TYPICAL EXISTING SECTION - USH 51 RAMP

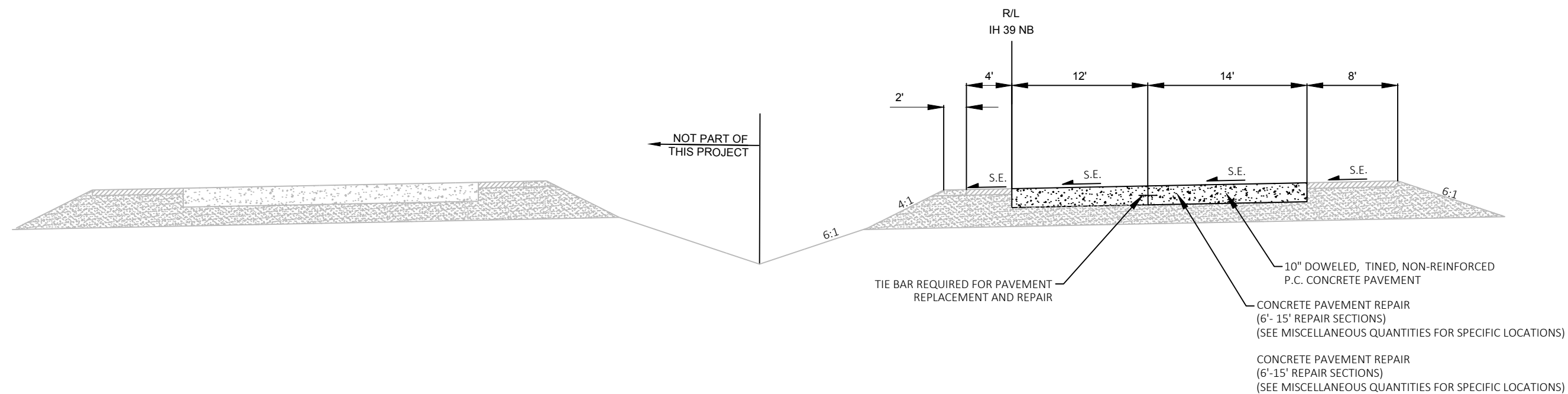
STA 368+00'R2' TO 372+30'R2'
STA 380+00'R2' TO 390+00'R2'
STA 366+77'R3' TO 378+00'R3'
STA 384+65'R3' TO 386+75'R3'
STA 368+00'R4' TO 374+65'R4'





*TIE BARS PAID PER 416.1710 AND 416.1720

TYPICAL PROPOSED SECTION - IH 39
STA 36+91.36 TO 67+90



TYPICAL PROPOSED SECTION - IH 39
STA 67+90 TO 74+00

EXHIBIT 2B PROPOSED TYPICAL SECTIONS

PROJECT NO: 1161-00-66

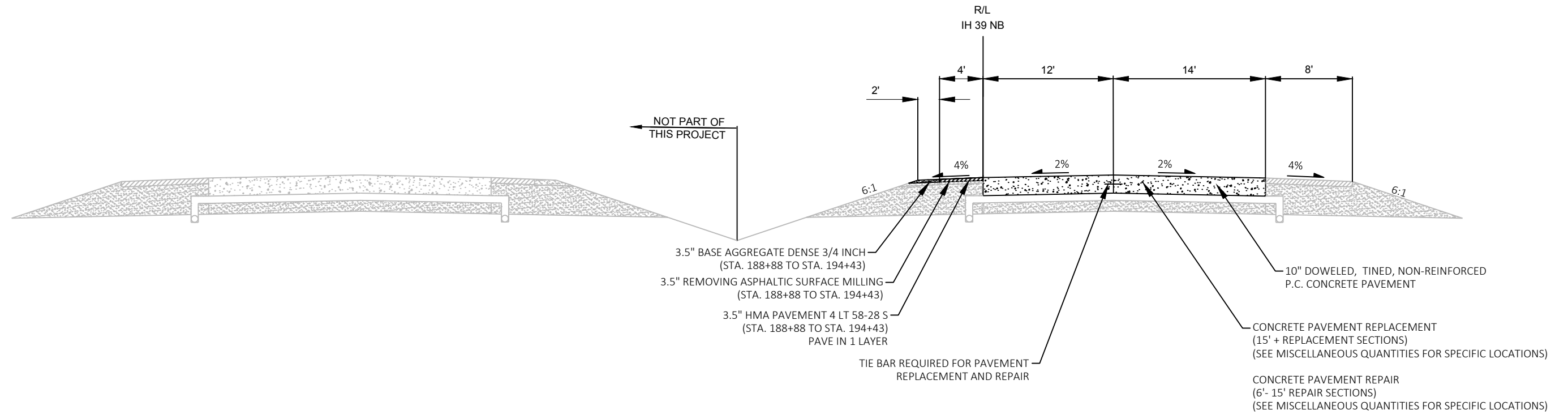
HWY: IH 39

COUNTY: COLUMBIA

TYPICAL SECTIONS - PROPOSED

SHEET

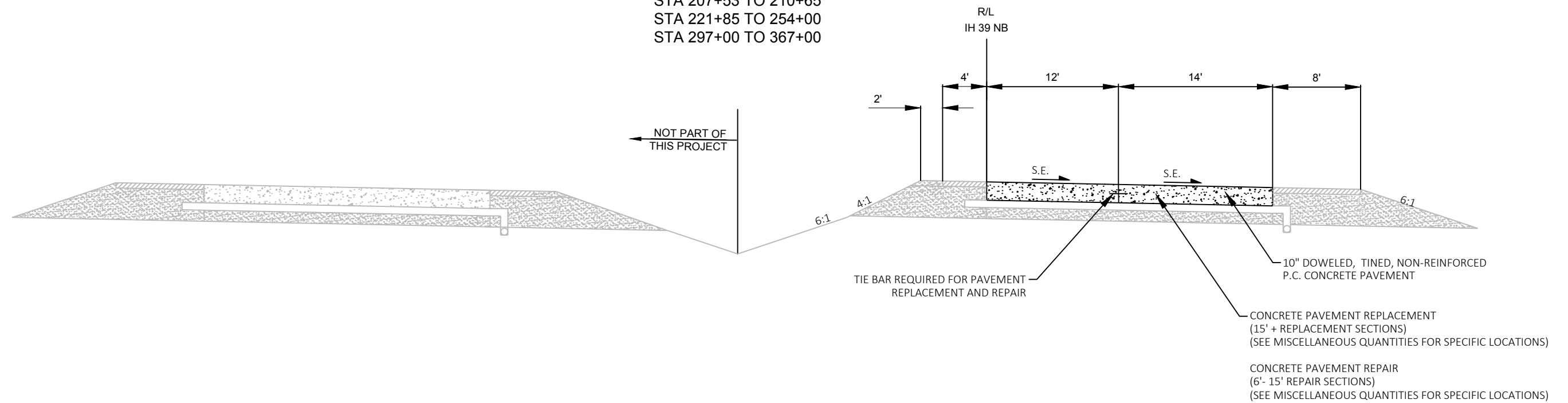
E



*TIE BARS PAID PER 416.1710 AND 416.1720

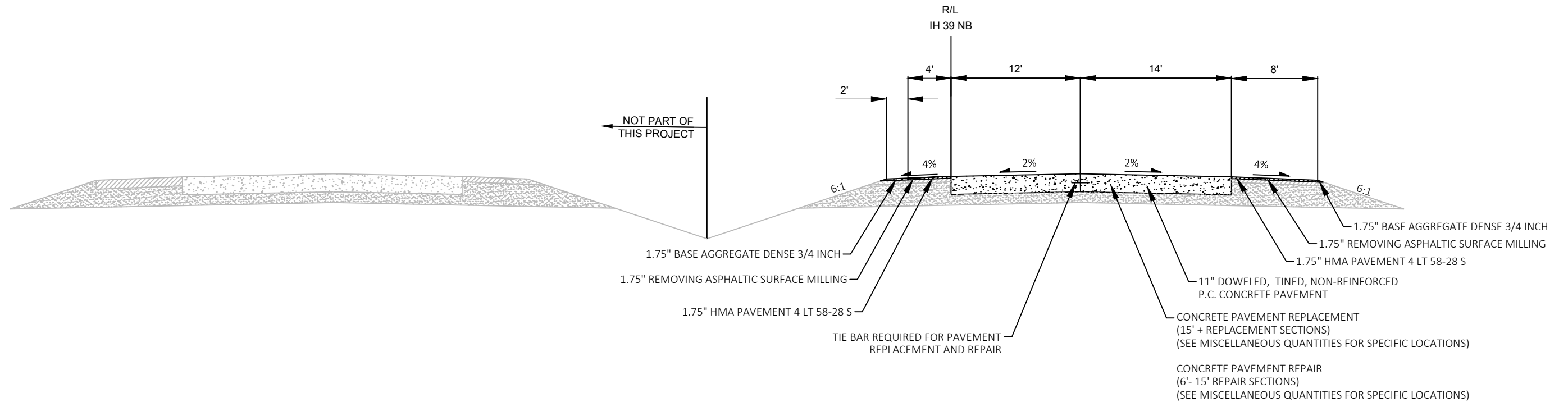
TYPICAL PROPOSED SECTION - IH 39

STA 74+00 TO 74+60
STA 75+33 TO 206+54
STA 207+53 TO 210+65
STA 221+85 TO 254+00
STA 297+00 TO 367+00



TYPICAL PROPOSED SECTION - IH 39

STA 254+00 TO 272+30
STA 273+85 TO 289+46
STA 291+44 TO 297+00
STA 367+00 to 373+00



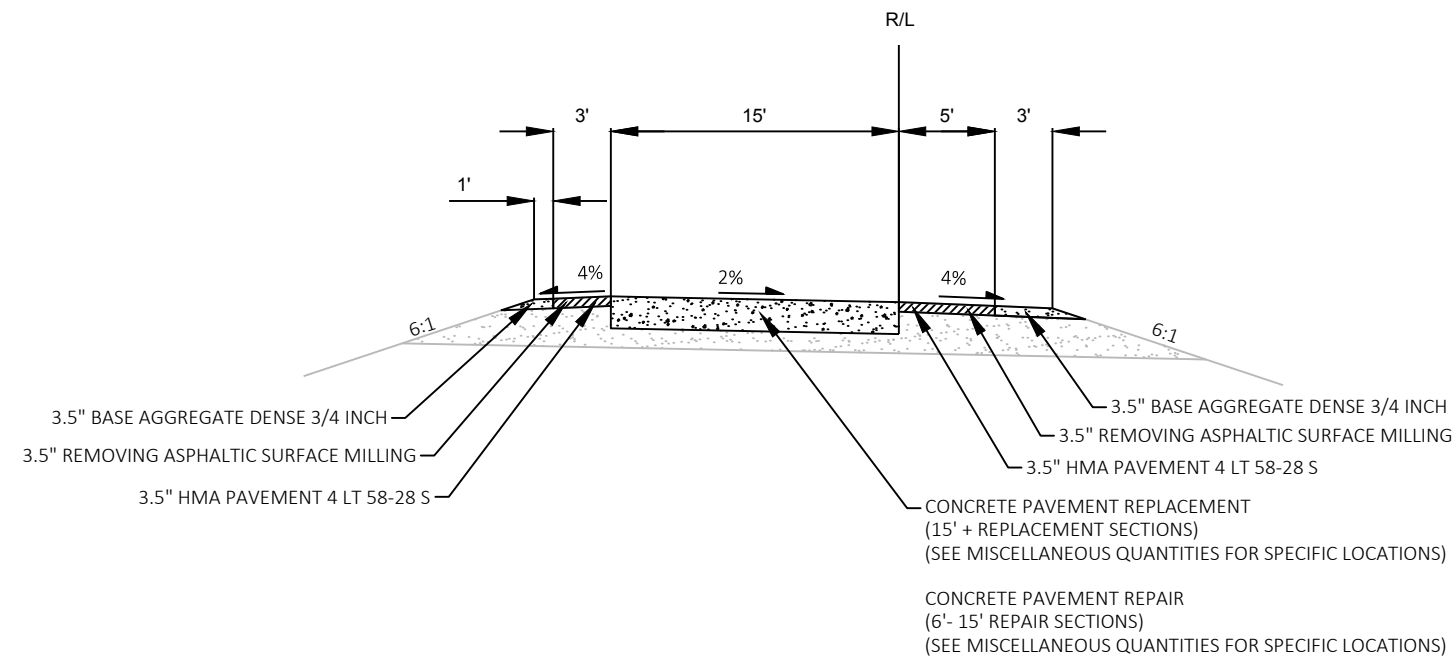
*TIE BARS PAID PER 416.1710 AND 416.1720

TYPICAL PROPOSED SECTION - IH 39

STA 373+00 TO 377+24

STA 378+90 TO 470+40

STA 471+48 TO 612+14.60



TYPICAL PROPOSED SECTION - USH 51 RAMP

STA 368+00'R2' TO 372+30'R2'

STA 380+00'R2' TO 390+00'R2'

STA 366+77'R3' TO 378+00'R3'

STA 384+65'R3' TO 386+75'R3'

STA 368+00'R4' TO 375+00'R4'

PROJECT NO: 1161-00-66

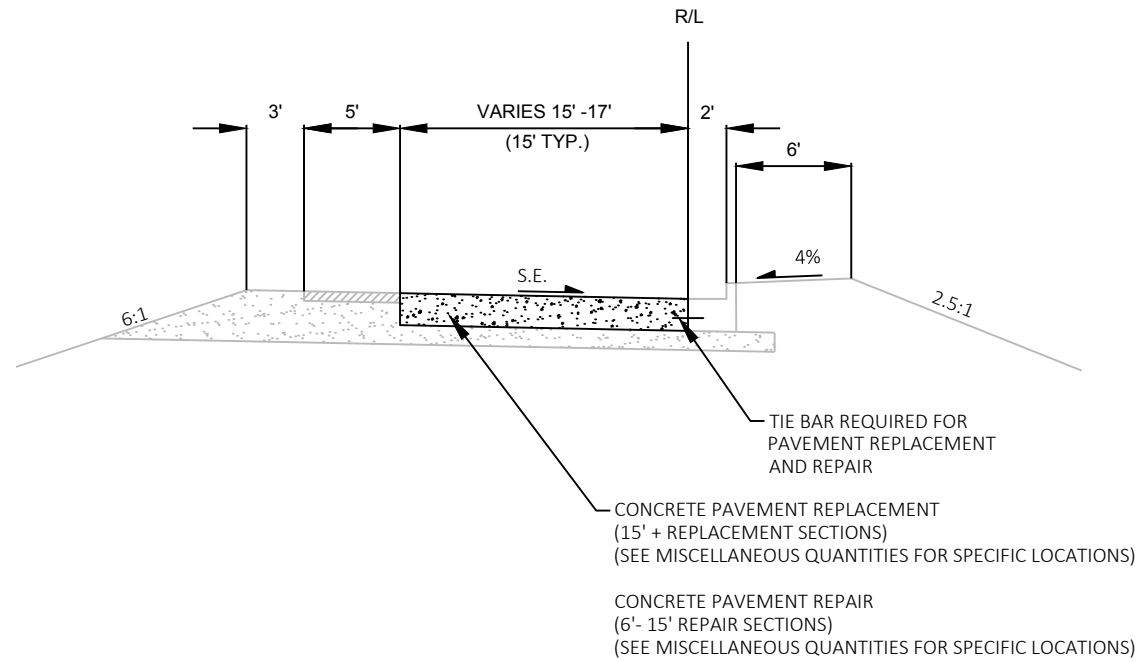
HWY: IH 39

COUNTY: COLUMBIA

TYPICAL SECTIONS - PROPOSED

SHEET

E



TYPICAL PROPOSED SECTION - USH 51 RAMP WITH CURB AND GUTTER
STA 372+30'R2' TO 378+00'R2'
STA 380+00'R3' TO 384+65'R3'

Exhibits 3a & 3b

Sample Native American Notification Letter

and

Distribution List



Division of Transportation System Development

Southwest Region-Madison
2101 Wright Street
Madison, WI 53704

Scott Walker, Governor
David Ross, Secretary
Internet: www.dot.wisconsin.gov

Telephone: 608-246-3800
Facsimile (FAX): 608-246-7996

Wednesday, July 18, 2018

Ms. Edith Leoso
Bad River Band of Lake Superior Chippewa Indians of Wisconsin
P.O. Box 39
Odanah, WI 54861

Re: notice of federal undertaking and request for comments under 36 CFR 800

I am writing to you regarding the following project:

Project I.D. 1161-00-36/66
Madison - Packwaukee
WIS 78 to Marquette County Line, NB Lanes
IH39
Columbia County

The Wisconsin Department of Transportation (WisDOT), in cooperation with the Federal Highway Administration, is considering an undertaking located on IH39 from WIS 78 to the Marquette County Line, near the City of Portage in Columbia County. The limits also include the northbound and southbound on and off ramps at the WIS 33 interchange and the USH 51 interchange. The proposed undertaking consists of repairing the concrete pavement and asphalt shoulders for approximately 11 miles of highway, along the northbound lanes and the 2 interchanges.

Your tribe has requested to be notified of undertakings in this area of Wisconsin. Attached is information regarding the proposed undertaking to assist you in providing comments regarding the determination of the area of potential effect (APE) and potential impacts to historic properties and/or burial sites.

WisDOT would be pleased to receive any comments your tribe wishes to share regarding the determination of the APE or potential impacts to historic properties and/or burials in this undertaking. Also, other environmental studies may be conducted to include endangered species survey, contaminated material investigations, soil testing and right-of-way surveys. Results of these studies will assist the engineers in the design to avoid, minimize or mitigate the proposed project's effect upon cultural and natural resources. To ensure your comments are considered during this early phase of project development, WisDOT requests a response within 30 days of receipt of this letter.

If your tribe wishes to become a consulting party under Section 106 of the National Historic Preservation Act or would like to receive additional information regarding this proposed project, please contact the WisDOT Project Manager Lalitha Balachandran at 2101 Wright St, Madison, WI 53704, (608)243-3382 or Lalitha.Balachandran@dot.wi.gov.

Sincerely,

Lalitha B.

Lalitha Balachandran, P.E.
WisDOT Project Manager

CC: bees.cr@dot.wi.gov
Teri Schopp, DAAR Engineering Project Manager

Attachments: Project Location Map

EXHIBIT 3A - SAMPLE NATIVE AMERICAN LETTER

Distribution List

Company	Title	First Name	Last Name	Credentials	Email	Phone Number	Office Building	Address 1	Address 2	City	State	Postal Code	Website
Bureau of Indian Affairs	Mr.	Timothy	Guyah			(612) 713-4400 or (612) 725-4500	5600 W. American Blvd	Suite 500		Bloomington	MN	55437	https://www.bia.gov/regional-offices/midwest
Bad River Band of Lake Superior Chippewa Indians of Wisconsin	Ms.	Edith	Leoso	THPO	thpo@badriver-nsn.gov	(715) 682-7123 Ext. 1662		P.O. Box 39		Odanah	WI	54861	http://www.badriver-nsn.gov/
Forest County Potawatomi Community of Wisconsin	Mr.	Michael	LaRonge	THPO	michael.laronge@fcpotawatomi-nsn.gov	(715) 478-7354	Tribal Office	5320 Wensaut Lane, P.O. Box 340		Crandon	WI	54520	http://www.fcpotawatomi.com/
Ho-Chunk Nation	Mr.	William	Quackenbush	THPO	bill.quackenbush@ho-chunk.com	(715) 284-7181	Executive Offices	P.O. Box 667		Black River Falls	WI	54615	http://ho-chunknation.com/
Lac Vieux Desert Band of Lake Superior Chippewa Indians	Ms.	Daisy	McGeshick	THPO	daisy.mcgeshick@lvdtribal.com	(906) 358-0137	Ketegitigaanig Ojibwe Nation	P.O. Box 249		Watersmeet	MI	49969	http://www.lvdtribal.com/
Menominee Indian Tribe of Wisconsin	Mr.	David	Grignon	THPO	dgrignon@mitw.org	(715) 779-0910		P.O. Box 910		Keshena	WI	54135	http://www.menominee-nsn.gov/
Menominee Indian Tribe of Wisconsin - FedEx Address								W3426 CTH V V West		Keshena	WI	54135	
Prairie Band Potawatomi Nation	Ms.	Hattie	Mitchell	THPO				16281 Q Road		Mayetta	KS	66509	http://www.pbpindiantribe.com/
Prairie Island Indian Community	Mr.	Noah	White	THPO	noah.white@piic.org	(651) 385-4175		5636 Sturgeon Lake Road		Welch	MN	55089	http://www.prairieisland.org/
Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin	Mr.	Marvin	DeFoe	THPO	marvin.defoe@redcliff-nsn.gov	(715) 779-3700 Ext. 4244	Red Cliff Band of Lake Superior Chippewa Indians	88385 Pike Road, Highway 13		Bayfield	WI	54814	www.redcliff-nsn.gov
Sac and Fox Nation of Missouri in Kansas and Nebraska	Mr.	Gary	Bahr					305 North Main		Reserve	KS	66434	http://www.sacandfoxks.com/
Sac and Fox Nation of Oklahoma	Ms.	Sandra	Massey	Historic Preservation Officer	smassey@sacandfoxnation-nsn.gov	(918) 968-3526 Ext. 1070		920883 S Hwy 99 Bldg A, RR 2, Box 246		Stroud	OK	74079	http://www.sacandfoxnation-nsn.gov/
Sac and Fox of the Mississippi in Iowa	Mr.	Jonathan	Buffalo	NAGPRA Representative		(641) 484-3185		349 Meskwaki Road		Tama	IA	52339	http://www.meskwaki.org/

Exhibit 4

Archaeological Screening List

Michalee Leuthard

From: Cloud, Lynn - DOT <Lynn.Cloud@dot.wi.gov>
Sent: Friday, March 30, 2018 10:21 AM
To: Taylor, Brian F - DOT
Cc: DOT BEES Cultural Resources; Balachandran, Lalitha - DOT
Subject: RE: screening 1161-00-36, results of additional research
Attachments: 47CO109 (Johnson) location on 2015 aerial photo.pdf

Based on the project activities (pavement panel replacement) the project was added to the screening list for both archaeology and history on March 30, 2018.

Please be aware that one NRHP-eligible site extends into the project area. You shall adhere to the **commitments outlined below** :

Commitments	The following sites have commitments for the project
Site(s) shall not be used for borrow or waste disposal, or used for the staging of personnel, equipment and/or supplies.	<ul style="list-style-type: none"> 47CO109 (Johnson) extends into

If the scope or activities of the undertaking change, further consultation with the Bureau of Technical Services' Cultural Resources Team (CRT) will be required for project re-evaluation.

From: Taylor, Brian F - DOT
Sent: Monday, March 19, 2018 8:03 PM
To: Cloud, Lynn - DOT
Subject: RE: screening 1161-00-36, results of additional research

Just pavement panel replacement

From: Cloud, Lynn - DOT
Sent: Monday, March 19, 2018 7:32 AM
To: Taylor, Brian F - DOT <BrianF.Taylor@dot.wi.gov>
Subject: FW: screening 1161-00-36, results of additional research

Can you confirm the project activities for this project?

From: KELLY ELIZABETH HAMILTON [<mailto:kelly.hamilton@wisconsinhistory.org>]
Sent: Friday, March 16, 2018 3:47 PM
To: Cloud, Lynn - DOT <Lynn.Cloud@dot.wi.gov>
Cc: Kennedy, Jason - DOT <Jason1.Kennedy@dot.wi.gov>; Hanson, Sydney A - DOT <SydneyA.Hanson@dot.wi.gov>
Subject: screening 1161-00-36, results of additional research

WisDOT project ID: 1161-00-36
 IH 39 (NB): Madison – Packwaukee, STH 78 to Marquette County Line, NB
 Columbia County

Result:

47CO109 (Johnson) **extends into** the project area. The site was determined to be **NRHP-eligible** in 1995.

47CO207 (Mootz Site) **extends into** the project area.

Recommendation:

47CO109 (Johnson): A NRHP-eligible site under the NHPA and Wis. Stats. § 44.31; § 44.36 is located within the project area; you must consult with the WHS State Historic Preservation Office for authorization to work within the historic property boundary. If the undertaking includes ground disturbance beyond the existing base of ditch, it is recommended that a qualified archaeologist monitor the construction-related ground disturbing activities. Also the historic property should not be used for borrow or waste disposal, or for the staging of personnel, equipment and/or supplies.

47CO207 (Mootz Site): none as site was determined to be not eligible for the NRHP in 1995/2014.

Information:

The initial review of the WHPD identified two previously recorded archaeological sites in the project area. The CDR states the undertaking consists of pavement repair for the northbound roadway. The project actions will involve “some combo of patch/rut/repair/seal/crack/grind”. No real estate acquisition is anticipated.

47CO109 (Johnson) is a multi-component, pre-contact Native American site that has produced evidence of Late Paleo-Indian, Early Archaic, Late Archaic, Early Woodland and Late Woodland occupations. As currently recorded in WHPD, the site location is described as “between the Baraboo and Wisconsin River, west of the Johnson house and outbuildings, within the STH 78 right-of-way, directly adjacent to the old channel of the Baraboo River which is now an oxbow lake”, and as in the S $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 13 of T12N R8E. The GIS-USGS mapping layer shows the site as immediately east of IH 39 approximately 3500 feet to the north of a Baraboo River crossing. The shape file is situated a short distance to the north of a large, trapezoid-shaped artificial pond and it extends eastward towards CTH U. 47CO109 (Johnson site) was identified in 1961 by WHS MAP archeologists during archaeological investigations of a proposed corridor for STH 78 for WisDOT Project T05-2(26). The area of potential effect was 240 feet wide and involved totally new alignment. Little is known concerning the field methodology – it seems to have included pedestrian survey at an unknown interval, hand excavation of 10 test units (each 4 sq. ft.) and the hand excavation of a cultural feature. The 1961 study would likely not meet current survey and site evaluation standards. According to the May 1961 summary reports, the archaeologists encountered “sixty flint chips, forty basaltic chips, two basaltic implements and thirty pottery fragments”, pit feature contained “fire cracked rock and flint chips”, and a subsurface area of hard pan “that could possibly be a dwelling area”. The entire archaeological site was situated within the proposed STH 78 right of way. Freeman and Wilson recommended additional field investigation. The July 1961 summary report reveals the landowner was unwilling to allow further excavation in the alfalfa field. Freeman and Brockington recommended additional field investigation if the property was acquired for the highway project. An approximate site location was drawn onto the 1961 plat of right of way required for WisDOT Project T05-2(26) sheet 4.3. It shows the known site area was completely within the STH 78 corridor which was situated about 350 feet to the west of the C. A. Johnson house, barn and outbuildings. The site area extended the entire width of the corridor from about the section line separating Sections 13 and 24 to a point at least 700 feet to the north of the line. In 1993 WHS MAP archeologists relocated 47CO109 (Johnson) during a Phase I archeological survey along STH 78 for WisDOT Project 1161-02-01 (WHS 93-5001) and Phase II evaluation was conducted in 1994. The area of potential effect consisted of the existing right of way. The field investigation used shovel testing at 5m intervals, pedestrian survey, mechanical removal of the plow zone, hand excavation of 12 units (each 2 sq. m) and 11 cultural features, and an examination of the former landowner’s artifact collection. Ten of the features were associated with the pre-contact occupations; these features were located south of the former river channel. The 11th feature was considered to be associated with the historic/modern land use. Today this channel remnant has been incorporated into a small, trapezoid-shaped artificial pond. The archaeologists recovered chipped stone tools and debitage, fire-cracked rock, sherds of grit-tempered and sand-tempered pottery, a copper awl, several historic Euro-American artifacts (i.e.

fragments of white clay pipe, whiteware and brown-colored container glass), and fragments of animal bone. The cultural material was found within the right of way to the east of STH 78/IH39 northbound lanes and in an abutting field. No evidence of the site was found in the median strip or to the west of the STH 78/IH 39 southbound lanes. Meer et al identified Late Archaic, Early Woodland, Early Middle Woodland, and Late Woodland components based on the physical evidence found in 1993-1994. Their examination of the privately owned collection revealed the presence of Late Paleoindian and Early Archaic components as well. Meer et al concluded “a significant portion of the site remains intact below the plow zone”. They considered the site to meet the NR Criterion D due to a potential to yield important information and they recommended Phase III Mitigation/Data Recovery. Subsequently, the WisDOT avoided impacts to the site through project design changes - the revised project would not include construction activities (i.e. placement of fill or grading) within the site area. A comparison of the site sketch maps prepared following the Phase I survey and the Phase II Evaluation show some changes to the site boundary definition. Initially the site sketch maps show two discrete areas of which one is immediately north of the former river channel (today’s small trapezoid-shaped pond) and the other is situated between the two ponds. Upon completion of the Phase II Evaluation, the site area is shown to be situated just between the two ponds, and to extend from the edge of STH 78 pavement to CTH U. The WHPD site record does not mention subsequent field investigation by a qualified archaeologist of 47CO109 (Johnson) or of the IH 39 right of way. The SHPO final comment on WisDOT Project 1161-02-01 (WHS 93-5001) and the assessment of 47CO109 (Johnson) is not known. Based on the available information, it is concluded that 47CO109 (Johnson) extends into the current project area (see attached). As the National and/or State Register of Historic Places eligibility status has not been established, a decision (pursuant to 44.40(1)) regarding adverse effects to this resource cannot be determined.

47CO207 (Mootz Site) is a pre-contact Native American campsite of Woodland cultural affiliation. As currently recorded in WHPD, the site location is described as “south of a low marshy area about one-half mile south of the Wisconsin River... within the STH 78 ROW... the site is on a low knoll,... a levee road is located to the north along the southern edge of the river,” and as in the E ½ NE ¼ SW ¼ SE ¼ of Section 12 of T12N R8E. The GIS-USGS mapping layer shows the site as immediately east of the northbound lanes of IH 39, mostly south of an intermittent stream (unnamed tributary of the Wisconsin River), and immediately west of a transmission line. 47CO207 (Mootz Site) was identified in 1961 by WHS MAP archeologists during archaeological investigations of a proposed corridor for STH 78 for WisDOT Project T05-2(26). The area of potential effect was 240 feet wide and involved totally new alignment. Little is known concerning the field methodology and the 1961 study would likely not meet current survey standards. According to the September 1961 summary report, the archaeologists encountered “one possible site” within the proposed STH 78 right of way and Freeman and Brockington planned to conduct additional investigation. The Project Summary report prepared in October 1961 indicates that the additional fieldwork “failed to reveal positive indications of prehistoric occupation” and no additional field investigation was recommended. The 1961 plat of right of way required for WisDOT Project T05-2(26) sheet 4.5 shows the proposed corridor bisected the W. Mootz property and the Levee Road was situated a short distance to the south of the Wisconsin River channel and roughly paralleled the river. The Mootz-owned property extended from the south banks of the river to a point about 3000 feet to the south of the river. Today the portion of Levee Road that extends east of IH 39 is known as Fairfield Street. On the original Wisconsin Archeological Codification File card, the site location is also described as the NW ¼ SE ¼ of Section 12 in T12N R8E. The 1961 WisDOT Plat shows Government Lot 3 was situated between the NW ¼ SE ¼ of Section 12 and the river; suggesting the site was at least 1700 feet from the Wisconsin River. In 1993 WHS MAP archeologists relocated 47CO207 (Mootz Site) during a Phase I archeological survey along STH 78 for WisDOT Project 1161-02-01 (WHS 93-5001) and Phase II evaluation was conducted in 1994. The area of potential effect consisted of the existing right of way. The field investigation used shovel testing at 5m and 15 m intervals and the hand excavation of 3 units (each 2 sq. m). In 1993, Meer reported finding artifacts “on two high areas just to the north and south of a relic drainage”. The archaeologists recovered one quartz flake and one piece of pottery. Meer et al noted the soil profiles exhibited evidence of disturbance, and there were areas of extensive filling and disturbance. They considered 47CO207 (Mootz Site) as not meeting the NRHP eligibility criteria due to a loss of integrity. Meer et al recommended no additional field investigation. In 2013 CHG archeologists attempted to relocate 47CO207 (Mootz Site) is during a Phase I archeological survey for the ATC Y-16 and Y-17 Rebuild Project (WHS 14-0871). The area of potential effect consisted of the existing utility right of way which extended 50 feet to either side of an existing transmission line. To the north of the intersection of IH 39 and STH 33, the area of potential effect was oriented northeast-southwest. In proximity to 47CO207 (Mootz Site) the transmission corridor was situated mostly on the east side of IH 39 and crossed the reported site area. The field investigation used shovel testing at 15m intervals. This

approach would meet current standards. Watson et al noted a low wetland area that divided a small rise. They report that no evidence of the archaeological site was found within the 2013 project area. Watson et al recommended no additional field investigation. The WHPD site record does not mention subsequent field investigation by a qualified archaeologist of 47CO207 (Mootz Site) or of the IH 39 right of way. Based on the available information, it is concluded that 47CO207 (Mootz Site) extends into the current project area (see attached).

Kelly Hamilton

Director, Museum Archaeology Program

Wisconsin Historical Society

816 State Street, Madison, WI 53706-1482

608-264-6560 or 608-221-5903 (O)

608-264-6577 (F); 608-334-0915 (M)

kelly.hamilton@wisconsinhistory.org

Wisconsin Historical Society

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Pursuant to 36 CFR 800.3 (a)(1) WisDOT (Cultural Resources) has determined the proposed actions for these undertakings (projects) will have no potential to cause effects to historic properties. No further section 106 obligations are required. However, if the proposed actions for an undertaking (project) should change in any way that would involve ground disturbing activities, additional section 106 coordination is required for that undertaking (project).

EXHIBIT 4 - SCREENING LIST						
County	Main ID	Notification Date	Project Put on Screening List for	Route	Bridge ID	
DOT SW Region						
	1017-01-84	08/14/2009	Both Archaeology and History	Tomah to Camp Dougl	Microwave Detector & Camera Location	
	5105-00-30	11/19/2013	Both Archaeology and History	Seal Coat Projects thro		
Columbia	1009-10-18	08/20/2009	Both Archaeology and History	IH 39	Madison - Portage CTH K Structure	B1100170
Columbia	1009-99-56	04/01/2014	Archaeology Only	Columbus Amtrack Stat		
Columbia	1010-02-02	04/17/2012	Both Archaeology and History	IH 39	Madison - Portage CTH CS- Portage Int	b1100390
Columbia	1010-02-02	04/17/2012	Both Archaeology and History	IH 39	Madison - Portage CTH CS- Portage Int	b1100410
Columbia	1010-02-02	04/17/2012	Both Archaeology and History	IH 39	Madison - Portage CTH CS- Portage Int	b1100380
Columbia	1010-02-02	04/17/2012	Both Archaeology and History	IH 39	Madison - Portage CTH CS- Portage Int	b110370
Columbia	1010-02-02	04/17/2012	Both Archaeology and History	IH 39	Madison - Portage CTH CS- Portage Int	b1100350
Columbia	1010-02-02	04/17/2012	Both Archaeology and History	IH 39	Madison - Portage CTH CS- Portage Int	b1100260
Columbia	1010-02-02	04/17/2012	Both Archaeology and History	IH 39	Madison - Portage CTH CS- Portage Int	b1100230
Columbia	1010-02-02	01/30/2015	Both Archaeology and History	IH 39	Madison - Portage CTH CS- Portage Int	
Columbia	1010-02-07	05/24/2009	History Only	IH 39	Madison-Portage CTH CS Interchange S	b1100260
Columbia	1010-02-07	01/23/2009	History Only	IH 39	Madison-Portage CTH CS Interchange S	b1100420
Columbia	1010-02-34	10/12/2010	History Only	IH 39	Madison - Portaqge Wi River Bridges	b1100230
Columbia	1010-02-34	10/12/2010	History Only	IH 39	Madison - Portaqge Wi River Bridges	b1100220
Columbia	1010-02-36	09/28/2009	Both Archaeology and History	IH 39	Madison - Portage CTH CS to IH 90	
Columbia	1010-04-02	11/19/2007	Both Archaeology and History	IH 39	Madison-Portage Rd (Dane Co Line-CT	
Columbia	1011-01-33	09/15/2011	Both Archaeology and History	IH 39	Madison-Portage Patton Rd Bridge	b1100180
Columbia	1011-03-08	12/05/2012	Both Archaeology and History	IH 39 bridges over Row		B11-0040
Columbia	1014-00-31	08/04/2009	Both Archaeology and History	IH 90	Wisconsin Dells - Portage STH 33 to IH	
Columbia	1014-00-33	11/24/2009	History Only	IH 90	Wisconsin Dells - Portage CTH A to ST	
Columbia	1014-00-34	02/04/2010	Both Archaeology and History	IH 90	Wisconsin Dells - Portage STH 33 to IH	
Columbia	1014-00-39	02/09/2018	Both Archaeology and History	IH 90	WI Dells-Portage; Baraboo River BRGS	B-11-0137
Columbia	1016-00-35	04/27/2009	History Only	IH 90	Tomah - Portage Camp Douglas to STH	
Columbia	1111-05-31	06/18/2010	Both Archaeology and History	USH 151	Sun Priage - Beaver Dam	b1100750
Columbia	1111-05-31	06/18/2010	Both Archaeology and History	USH 151	Sun Priage - Beaver Dam	B1100740
Columbia	1111-05-32	06/18/2010	Both Archaeology and History	USH 151	Sun Priage - Beaver Dam Maple Ave Bri	b11-0083
Columbia	1161-00-07	01/23/2014	Both Archaeology and History	IH 39	Portage - Packwaukee Grotzke Rd Bridg	b11007
Columbia	1161-00-33	11/20/2009	Both Archaeology and History	IH 39	Madison - Packwaukee STH 78 to USH	
Columbia	1161-00-35	02/11/2013	Both Archaeology and History	IH 39	STH 78 to USH 51 (Madison-Packwauke	
Columbia	1161-00-36	03/30/2018	Both Archaeology and History	IH 39	Madison-Packwaukee; STH 78 to Marqu	
Columbia	1161-00-38	01/16/2018	Both Archaeology and History	IH 39	Madison-Portage; Baraboo River BRGS	B-11-0052
Columbia	1161-00-38	01/16/2018	Both Archaeology and History	IH 39	Madison-Portage; Baraboo River BRGS	B-11-0053
Columbia	1161-02-04	12/16/2014	Both Archaeology and History	STH 16	Portage - Columbus IH 39/STH 16 interc	
Columbia	1161-02-31	02/03/2016	Both Archaeology and History	IH 39	Madison-Packwaukee CMSTPP RR Brid	B1100580
Columbia	1161-02-31	02/03/2016	Both Archaeology and History	IH 39	Madison-Packwaukee CMSTPP RR Brid	b1100590
Columbia	1161-02-32	03/17/2009	Both Archaeology and History	IH39	Madison-Packwaukee Wi Rvr Brgs	b1100550
Columbia	1161-02-32	03/17/2009	Both Archaeology and History	IH39	Madison-Packwaukee Wi Rvr Brgs	b1100560
Columbia	1161-02-33	04/20/2015	Both Archaeology and History	IH 39	Madison - Packwaukee WI Rvr Bridges	b11-56
Columbia	1161-02-33	04/20/2015	Both Archaeology and History	IH 39	Madison - Packwaukee WI Rvr Bridges	B11-55
Columbia	1161-02-35	01/23/2014	Both Archaeology and History	IH 39	C Portage STH 16 Interchange Area	

Exhibit 5

Wisconsin DNR Initial Review Correspondence



January 3, 2019

EXHIBIT 5 - WISCONSIN DNR INITIAL REVIEW CORRESPONDENCE

Lalitha Balachandran
WisDOT Project Manager
2101 Wright Street
Madison, WI 53704

Subject: DNR Initial Project Review

Project I.D. 1161-00-36/66
IH 39
STH 78 – Marquette County line
(Madison – Packwaukee)
Columbia County

Dear Lalitha:

The Wisconsin Department of Natural Resources (DNR) has received the information you provided for the above-referenced project. According to your proposal, the purpose of this project is to rehabilitate 11.1 miles of the northbound lanes of IH 39 from STH 78 to the Marquette County Line in Columbia County. The project will also include repair of asphalt shoulders. Pavement may also be repaired at the interchanges. The project will install water control gates at a pair of cross-culverts, repair wingwalls and add riprap at two cross-culverts within the corridor and install concrete parapets and riprap along the gravel shoulder at two locations.

Preliminary information has been reviewed by DNR staff for the project under the DNR/DOT (Wisconsin Department of Transportation) Cooperative Agreement. Initial comments on the project as proposed are included below, and we assume that additional information will be provided that addresses all resource concerns identified. To ensure compliance with resource protections, we are recommending that Special Provisions be developed for specific resource protections described below. DNR expects that the full range of DOT roadway standards will be applied throughout the design and construction process.

A. Project-Specific Resource Concerns

Public Lands:

Public lands are present in the vicinity of this project. However, the project work will all occur within the existing right-of-way and will not result in impacts to public lands. If there is potential for impacts to these lands, please begin coordination with us as soon as possible. First and foremost, every effort should be taken to avoid impacts to these lands.

Wetlands:

Wetlands are present adjacent to IH 39 throughout much of the project corridor. The pavement work and the parapet construction should not impact wetlands provided that the work is all located on the existing paved or gravel road surfaces. The culvert work likely will impact wetlands present at the toe-of-slope at each of these locations. Permanent impacts may result from placement of riprap or other fill.

There is potential for wetland impacts to occur as a result of this project. Wetland impacts must be avoided and/or minimized to the greatest extent practicable. Unavoidable wetland losses must be compensated for in accordance with the DNR/DOT Cooperative Agreement and the DOT Wetland Mitigation Banking Technical Guideline. DNR requests information regarding the amount and type of unavoidable wetland impacts.

Fisheries/Stream Work:

The project does not include work within any waterways within the corridor.

If erosion control matting is to be used along stream banks, use biodegradable non-netted matting (e.g. Class I Type A Urban, Class I Type B Urban, or Class II Type C). Long-term netted mats may cause animal entrapment. Avoid the use of fine mesh matting that is tied or bonded at the mesh intersection such that the openings in the mesh are fixed in size.

Endangered Resources:

Based upon a review of the Natural Heritage Inventory (NHI) dated January 3, 2019, the project area is near a known occurrence for the threatened and/or endangered species listed below, and there is potential for these species to occur if there is suitable habitat within your project limits. Pavement replacement and other work on the pavement or gravel shoulders should not result in impacts to listed species within the corridor, but work outside of these areas may result in impacts to habitat for these species:

Eastern Massasauga Rattlesnake (*Sistrurus catenatus*). State Endangered/Federally Threatened. Massasaugas generally use open-canopy wetlands and upland vegetation, preferring low-canopy herbaceous vegetation.

For work outside of the existing pavement or gravel shoulders, follow these time-of-year restrictions to avoid take:

- Conduct work in non-overwintering areas (uplands) during the snake's inactive period (typically November 16 – March 30).
- Install snake exclusion fencing according to the Amphibian and Reptile Exclusion Protocols in non-overwintering areas (uplands) during the snakes' inactive season. Work can then be conducted within the fenced area at any time of year as long as the fencing is maintained.

Blanding's Turtle (*Emydoidea blandingii*). State special concern. Blanding's turtles are found in open water and wetland habitats but will spend time in uplands traveling between wetlands. These turtles will nest in upland habitats within 900 feet of a wetland or waterbody.

For work outside of the existing pavement or gravel shoulders, follow these time-of-year restrictions to avoid take:

- Conduct work in non-overwintering areas (uplands) during the turtles' inactive period (typically November 16 – March 4).

- Install exclusion fencing according to the Amphibian and Reptile Exclusion Protocols in non-overwintering areas (uplands) during the turtles' inactive season. Work can then be conducted within the fenced area at any time of years as long as the fencing is maintained.

There are numerous other listed species located throughout the corridor including plants, reptiles, birds, bats, fish and mussels. Additional review of the NHI may be needed if the scope of the project is expanded to include additional work outside of the existing pavement and gravel shoulders.

With this review the following has also been determined:

- There are no known Northern Long-eared Bat (NLEB) maternity roost trees within 150 feet of the project or known hibernacula within 0.25 miles of the proposed project area.
- This project is located outside of any High Potential Zones (HPZ) for the Rusty Patched Bumblebee (RPBB), and therefore should have no impact on this federally endangered species.

The Transportation Liaison will initiate coordination with DNR Conservation Biologist, Stacy Rowe.

- ❖ *NHI Disclaimer: This review letter may contain NHI data, including specific locations of endangered resources, which are considered sensitive and are not subject to Wisconsin's Open Records Law. As a result, information contained in this review letter may be shared only with individuals or agencies that require this information in order to carry out specific roles in the permitting, planning and implementation of the proposed project. Specific locations of endangered resources may not be released or reproduced in any publicly disseminated documents.*

Migratory Birds:

Based on the information provided and/or site review, the project should not include work that may impact nesting migratory birds

Invasive Species and Viral Hemorrhagic Septicemia (VHS):

All project equipment shall be decontaminated for removal of invasive species prior to and after each use on the project site by utilizing other best management practices to avoid the spread of invasive species as outlined in NR 40, Wis. Adm. Code. For more information, refer to

<http://dnr.wi.gov/topic/Invasives/bmp.html>.

Floodplains:

A determination must be made as to whether the project lies within a mapped/zoned floodplain. Any proposed temporary or permanent changes to the road or waterway geometry in mapped floodplain areas requires that DOT coordinate with the Columbia Zoning Administrator to ensure compliance with the local zoning ordinance and NR116. Examples of floodplain development activity includes, but not limited to, the following: changes to waterway crossings; culvert extensions; changes to road surface elevations and/or side-slopes; temporary causeways; temporary structures; general fill.

- A preliminary review of the Surface Water Data Viewer (SWDV) indicates that floodplain conditions exist within the project limits.

Storm Water Management & Erosion Control:

- For projects disturbing an acre or more of land, erosion control and storm water measures must adhere to the Wisconsin Pollutant Discharge Elimination System Transportation Construction General Permit (TCGP) for Storm Water Discharges. Coverage under TCGP is required prior to construction. DOT should apply for permit coverage just before the project goes to final PS&E. Permit coverage will be issued by the DNR after design is complete and documentation shows

that the project will meet construction and post-construction performance standards. For more information regarding the TCGP you can go to the following link, and click on the “Transportation” tab: <https://dnr.wi.gov/topic/Sectors/Transportation.html>.

- All projects require an Erosion Control Plan (ECP) that describes best management practices that will be implemented before, during and after construction to minimize pollution from storm water discharges. Additionally, the plan should address how post-construction storm water performance standards will be met for the specific site. The project design and Erosion Control Implementation Plan (ECIP) must comply with the TCGP in order to receive “permit-coverage” from the DNR.
- Once the project contract has been awarded, the contractor will be required to outline their construction methods in the ECIP. An adequate ECIP for the project must be developed by the contractor and submitted to this office for review at least 14 days prior to the preconstruction conference. For projects regulated under the TCGP, submit the ECIP as an amendment to the ECP.

Selected Site & Commercial Non-Metallic Mines:

- The DOT Select Site process must be adhered to for clean fill or any other material that leaves the work site. The DNR liaison will review all proposed select sites and a site visit may be required. Filling of wetlands, waterways or floodplain is not allowed under the select site process, unless the site owner obtains required permits. No new impermeable surfaces can be left at a select site (including gravel roads or pads), unless the site owner obtains required permits. Contaminated materials leaving the site need to adhere to the Hazardous Material Management Plan.
- Use of Commercial Non-Metallic Mines must accompany documentation that such mines have received all applicable local, state and federal permits before being used on the project, including local non-metallic mining reclamation permits and applicable WPDES permits as issued by the DNR.

The above comments represent the DNR’s initial concerns for the proposed project and do not constitute final concurrence. Final concurrence will be granted after further review of refined project plans, and additional consultation if necessary. If any of the concerns or information provided in this letter requires further clarification, please contact this office at (608) 228-7927, or email at eric.heggelund@wisconsin.gov.

Sincerely,

Eric Heggelund

Eric Heggelund
Environmental Analysis & Review Specialist

cc: Brian Taylor, WisDOT REC
Teri Schopp, DARR
Stacy Rowe, WDNR NHC

Exhibit 6
USFWS Species List

Columbia	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During summer, roosts and forages in upland forests.
	Whooping crane (<i>Grus americanus</i>)	**Non-essential experimental population	Open wetlands and lakeshores
	Higgins eye pearly mussel (<i>Lampsilis higginsii</i>)	Endangered	Wisconsin River
	Sheepnose (<i>Plethobasus cyphus</i>)	Endangered	Wisconsin River
	Rusty patched bumble bee <i>Bombus affinis</i> Note for project proponents: this bee is not known to occur throughout the entire county. To determine if your project or ongoing action is within an area that is likely to have the rusty patched bumble bee, use our online tool at https://ecos.fws.gov/ipac/	Endangered	Grasslands with flowering plants from April through October, underground and abandoned rodent cavities or clumps of grasses above ground as nesting sites, and undisturbed soil for hibernating queens to overwinter.
	Mead's milkweed (<i>Asclepias meadii</i>)	Threatened	Upland tallgrass prairie or glade/barren habitat Note: all the Mead's milkweed sites in Wisconsin are reintroduction attempts and occur on protected conservation lands.
	Prairie bush-clover (<i>Lespedeza leptostachya</i>)	Threatened	Dry to mesic prairies with gravelly soil

Exhibit 7

Columbia County Zoning Correspondence

Elizabeth Reis

From: Elizabeth Reis
Sent: Monday, February 18, 2019 1:20 PM
To: 'planning.zoning@co.columbia.wi.us'
Cc: Teri Schopp
Subject: WisDOT Project 1161-00-66 IH 39 NB Lanes
Attachments: 1161-00-66_60% Plan.pdf

To whom it may concern:

I wanted to inform you of an upcoming WisDOT project on IH 39 in Columbia County. The project will address some deteriorating pavement on the NB lanes and at the ramps at USH 51. I have attached a preliminary plan. Some of the work may fall within the mapped floodplain and it was noted in our correspondence with the DNR to communicate with you, with regards to any zoning or floodplain issues. None of the work, indicated in the contract, will fall outside the shoulder points of the roadway. The work will be very similar to the work completed on the southbound lanes a few years ago (concrete patching, barrier wall repair, etc) The project is scheduled for construction in the Spring of 2020. We are working through the environmental document and design reports, as well as finalizing plans. Please let me know if you have any questions or concerns, with regards to zoning or floodplains. Thank you.

Elizabeth Reis, P.E.

DaaR Engineering, Project Engineer
151 E. Cook Street, Portage, WI 53901
Direct: 608.254.9701 Cell: 507.313.8436 Fax: 608.566.1371
www.daarcorp.com

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