



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Inspection Report for B-66-188

USH 41 NB over KOHLVILLE RIVER
Sep 05,2017



B-66-188, IH 41 NB over Kohlsville River
West Elevation, Looking South
9-5-17

Type	Prior	Frequency (mos)	Performed
Routine		24	X
SIA Review		48	X
Uw-Profile		24	X

Latitude 43°29'01.01"N
Longitude 88°21'59.84"W

Owner STATE HIGHWAY DEPT
Maintainer STATE HIGHWAY DEPT

Time Log

Team members

Hours	Minutes	
1	0	

Inspector	Name	Number	Signature	Date
	Bolka, John	2007	<i>John Bolka</i> E-signed by John Bolka(dotjtb)	09-08-17

BRIDGE INSPECTION REPORT
Wisconsin Department of Transportation
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Identification & Location

Feature On: USH 41 NB	Section Town Range: S29 T12N R18E	Structure Number: B-66-188
Feature Under: KOHLSVILLE RIVER	County: WASHINGTON	
Location 4.4 M N JCT STH 33	Municipality: WAYNE	Structure Name:

Geometry

measurements in feet, except where noted

Approach Roadway Width: 24	Bridge Roadway Width: 47.0	Total Length: 49.2
Approach Pavement Width: 44	Deck Width: 49.9	Deck Area (sq ft): 2455

Traffic

Lanes	ADT	ADT year	Traffic Pattern
On 2	16250	2016	ONE WAY TRAFFIC

Capacity

Load Rating

Inventory rating:	Overburden depth (in):	Last rating date:	Controlling:
Operating rating:	Deck surface material: CONCRETE	Re-rate for capacity (Y/N):	Control location:
Posting:	Re-rate notes:		

Hydraulic

Classification

Scour Critical Code(113): (8) STABLE-ABOVE TOP FOOTING	Q100 (ft3/sec):	
High water elevation (ft):	Velocity (ft/sec):	Sufficiency #:

Span(s)

Span #	Material	Configuration	Depth (in)	Length (ft)	Main
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Expansion joint(s)

Temperature:	File:	New:
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Clearance

Item	File Measurement (ft)	File Date	New Measurement (ft)
Highway Min Vertical On Cardinal			
Horizontal On Cardinal			

Construction History

Year	Work Performed	FOS id
9999	NOT BUILT	1100-03-31

Elements

Chk	Element	Defect	Description	UOM	Total	Quantity in Condition State			
X	38		Reinforced Concrete Slab-Coated Reinforcing	SF	2,455	2,455	0	0	0
	8000		Wearing Surface (Bare)	SF	2,312	2,312	0	0	0
		3220	Crack (Wearing Surface) No Cracks Noted	SF		0	0	0	0
X	215		Reinforced Concrete Abutment	LF	104	104	0	0	0
		1130	Cracking (RC) No Cracks Noted	LF		0	0	0	0

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Structure No.: **B-66-188**

X	321		Reinforced Concrete Structural Approach Slab	SF	1,984	1,984	0	0	0
		1130	Cracking (RC) No Cracks Noted	SF		0	0	0	0
X	331		Reinforced Concrete Bridge Rail	LF	158	158	0	0	0
		1130	Cracking (RC) No Cracks Noted	LF		0	0	0	0
X	8400		Integral Wingwall	EA	4	4	0	0	0

Assessments

Chk	Element	Defect	Description	UOM	Total	Quantity in Condition State			
						1	2	3	4
X	9001		Drainage - Approach Approach Drainage Incomplete at Initial Inspection.	EA	4	4	0	0	0
X	9045		Slope Protection- Riprap	EA	2	2	0	0	0

NBI Ratings

	File	New
Deck	8	9
Superstructure	8	9
Substructure	8	9
Culvert	N	N
Channel	8	8
Waterway	8	8

Structure Specific Notes

Inspection Specific Notes

Approach Drainage and Approach pavement not in Place at Initial Inspection.

Inspector Site-Specific Safety Considerations

Structure Inspection Procedures

Special Requirements

Chk Hours Cost Comments

**Underwater Probe Form
B-66-188**

General Site Conditions - Scour

No Scour Detected; Streambed Flat and Uniform Depth

General Site Conditions - Embankment Erosion/Conditions

Channel Well Defined and Vegetated; Downed Tree in Channel Upstream.

Substructure Notes

Unit	Max Water Depth(ft)	Mode	Notes
Cardinal		Dry	
Non Cardinal		Dry	

UW Profile

Document Comment/Description

Looking Upstream



Routine

Document Comment/Description

North Approach



B-66-188, IH 41 NB over Kohlsville River
North Approach, Looking East
9-5-17

Routine

Document Comment/Description

North Abutment

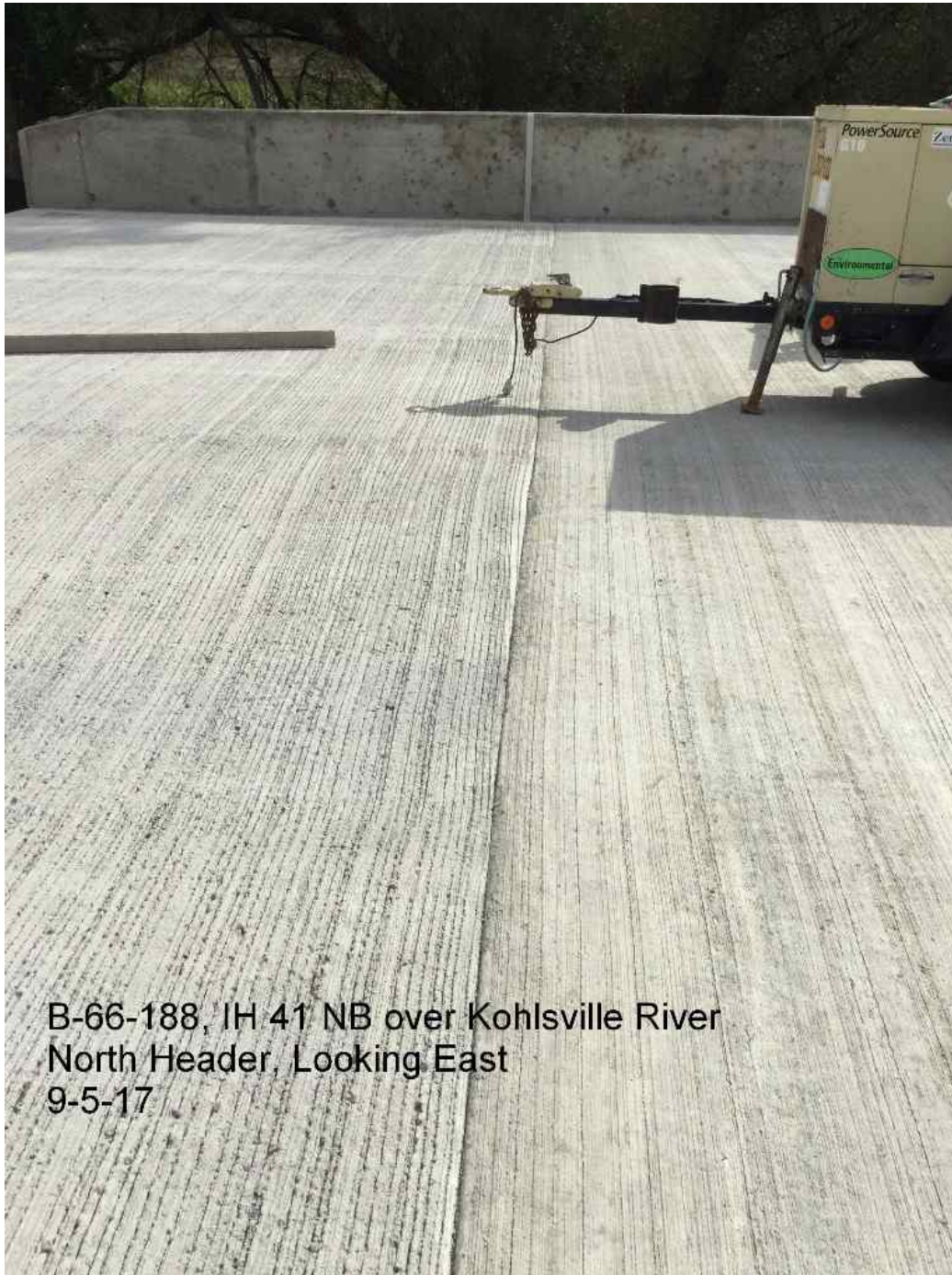
B-66-188, IH 41 NB over Kohlsville River
North Abutment & Slope
9-5-17



Routine

Document Comment/Description

North Header



B-66-188, IH 41 NB over Kohlsville River
North Header, Looking East
9-5-17

Routine

Document Comment/Description

Roadway



B-66-188, IH 41 NB over Kohlsville River
Roadway, Looking North
9-5-17

Routine

Document Comment/Description

South Abutment

B-66-188, IH 41 NB over Kohlsville River
South Abutment & Slope
9-5-17



Routine

Document Comment/Description

South Approach

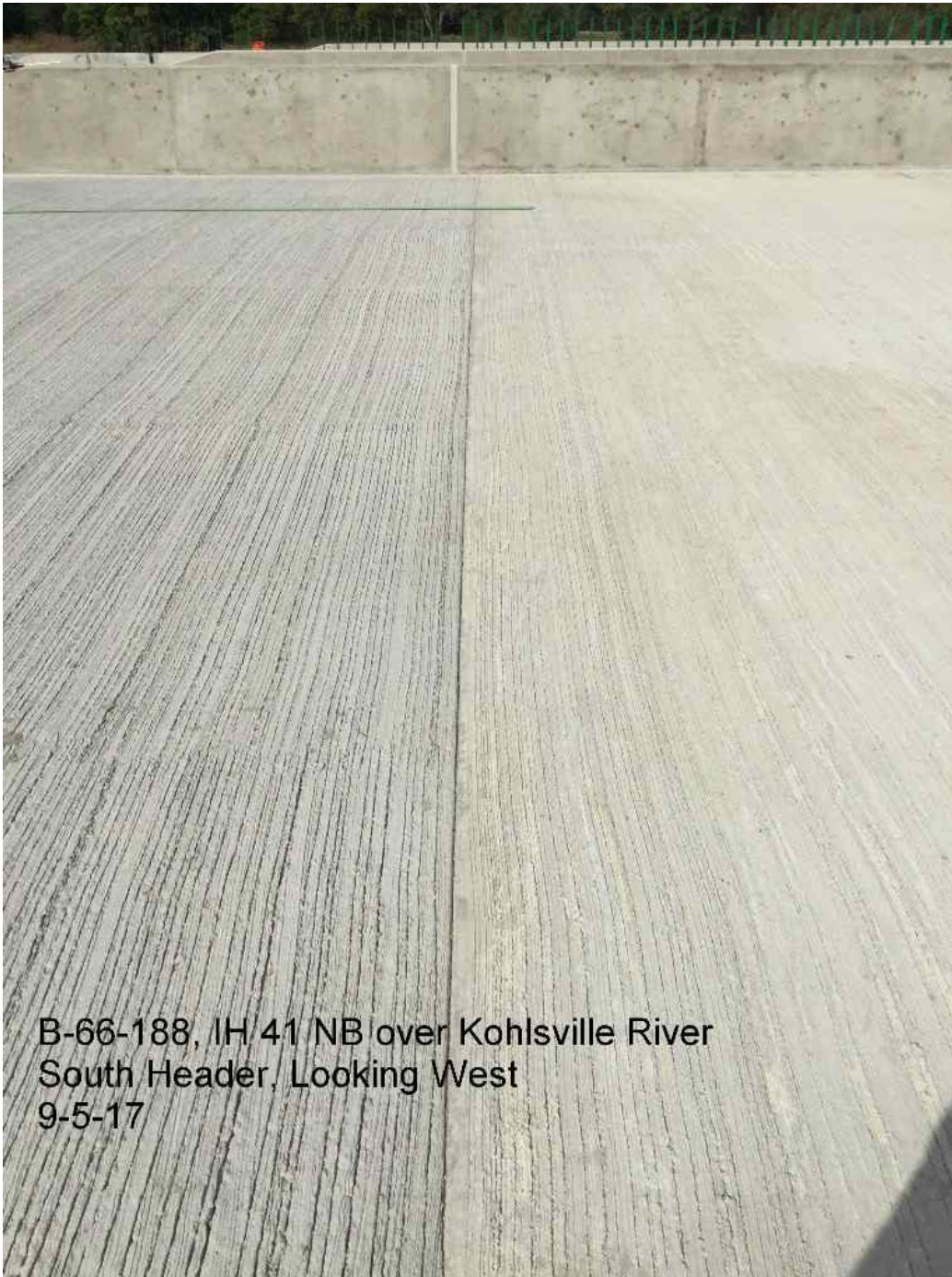


B-66-188, IH 41 NB over Kohlsville River
South Approach, Looking West
9-5-17

Routine

Document Comment/Description

South Header



Routine

Document Comment/Description

Wearing Surface



B-66-188, IH 41 NB over Kohlsville River
Wearing Surface, Looking West
9-5-17

Non-Image Documents

Type	Document	Document Comment/Description	Attached
UW Profile	b66-188_17_xpd2.xls	Initial Streambed Profile performed 9/5/17.	

STRUCTURE INVENTORY AND APPRAISAL FIELD REVIEW FORM

B-66-188
USH 41 NB over KOHLVILLE RIVER

LOCATION

(3) Municipality:
 (16) Latitude(° ' "):
 (17) Longitude(° ' "):

WAYNE
43°29'01.01"N
88°21'59.84"W

TRAFFIC SERVICE

(28A) Lanes On:
 (28B) Lanes Under:
 (102) Traffic Pattern On:
 (102) Traffic Pattern Under:
 (19) Detour Length(mi):

2
0
-NO TRAFFIC ☒ ONE WAY TRAFFIC -TWO WAY TRAFFIC
☒ NO TRAFFIC -ONE WAY TRAFFIC -TWO WAY TRAFFIC
1

GEOMETRY

(49) Structure Length(ft):
 (50) Sidewalk Width(ft):
 (50) Curb Width(ft):
 (52) Culvert Barrel Length(ft):
 (34) Skew:

 (51) Bridge Roadway Width(ft):
 (52) Deck Width(ft):
 Right Wingwall Length(ft):
 Left Wingwall Length(ft):
 (32) Approach Roadway Width(ft):

 (47) Minimum Horizontal(ft):
 (55) Minimum Right Lateral(ft):
 (56) Minimum Left Lateral(ft):

49.2	
Left: 0.0	Right: 0.0
0.0	
Angle(°):	Direction: -RIGHT FORWARD -LEFT FORWARD
Cardinal	Non-Cardinal
47.0	47.0
49.9	49.9
16.0	16.0
16.0	16.0
24	0
Cardinal Under Clearance	Non-Cardinal Under Clearance

RAILING APPRAISAL

(36A) Bridge Rail Adequacy:
 (36B) Transition Adequacy:
 (36C) Approach Guardrail Adequacy:
 (36D) Guardrail Termination Adequacy:
 Outer Rail:

-SUB-STANDARD X-STANDARD -NOT APPLICABLE		
-SUB-STANDARD X-STANDARD -NOT APPLICABLE		
-SUB-STANDARD X-STANDARD -NOT APPLICABLE		
-SUB-STANDARD X-STANDARD -NOT APPLICABLE		
Left	Right	Type
		TYPE F (TWO SQUARE TUBES) - STEEL(8)
		TYPE F (3 SQUARE TUBES) - STEEL(65)
		TYPE F (4 SQUARE TUBES) - STEEL(72)
		TYPE M-STEEL 3 SQUARE TUBES(93)
		SLOPED FACE PARAPET LF(91)
		SLOPED FACE PARAPET HF(92)
		VERTICAL FACE PARAPET TYPE A(74)
		TYPE W-THRIE BEAM(79)
		TYPE H ON VERTICAL PARAPET(80)
		TIMBER(38)
X	X	OTHER(99) (Please specify) Left: SINGLE SLOPE MEDIAN BARRIER 42SS(105) Right: SINGLE SLOPE MEDIAN BARRIER 42SS(105)
		CONT GUARD RAIL
		NO APP GRDRL
		NO ATTACHMENT
5		22 MM(7/8") BOLT (Please enter quantity)
		25 MM(1") BOLT (Please enter quantity)
		OTHER (Please specify)
X		(01) ENERGY ABSORBING TERMINAL/EAT
		(02) TURN DOWN
		(99) OTHER (Please specify)

Transition Type:

Approach Attachment Rail Note:
 Guardrail Termination Type:

Guardrail Termination Note:

ROADWAY ALIGNMENT APPRAISAL

(72) Approach Alignment Appraisal:

	3 Intolerable- Substantial speed reduction
	6 Fair- Minor speed reduction
X	8 Good- No speed reduction

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