STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Inspection Report for B-66-189

USH 41 SB over KOHLSVILLE RIVER

May 26,2017

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

Latitude	43°29'00.00"N	Owner	STATE HIGHWAY DEPT
Longitude	88°22'00.00"W	Maintainer	STATE HIGHWAY DEPT

Time Log

Hours	Minutes
1	15

Team members

	Name	Number	Signature	Date
Inspector	Bolka, John	2007	John Bolka E-signed by John Bolka(dotjtb)	10-18-17

BRIDGE INSPECTION REPORT
Wisconsin Department of Transportation
DT2007 2003 s.84.17 Wis. Stats.

Identification & Location

Feature On: USH 41 SB	Section Town Range: S29 T12N R18E	Structure Number: **B-66-189**
Feature Under: KOHLSVILLE RIVER	County: WASHINGTON	
Location: 2.3 MI S JCT CTH H	Municipality: WAYNE	Structure Name:

Geometry

measurements in feet, except where noted

Approach Roadway Width: 55	Bridge Roadway Width: 55.0	Total Length: 49.2
Approach Pavement Width: 0	Deck Width: 57.9	Deck Area (sq ft): 2848

Traffic

	Lanes	ADT	ADT year	Traffic Pattern
On	2	13300	2012	ONE WAY TRAFFIC

Capacity

Load Rating

Inventory rating:	Overburden depth (in): 0.0	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

Expansion joint(s)

Temperature: File: New:

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 1	2	3	4
X	**38**		**Reinforced Concrete Slab-Coated Reinforcing**	SF	2,847	2,844	3	0	0
		1130	Cracking (RC)	SF		0	3	0	0
			Longitudinal Crack Adjacent to Construction Joint @ South Abutment.						
	8000		Wearing Surface (Bare)	SF	2,704	2,704	0	0	0
		3220	Crack (Wearing Surface)	SF		0	0	0	0
			No Cracks Noted						
X	**215**		**Reinforced Concrete Abutment**	LF	120	120	0	0	0

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Structure No.: **B-66-189**

X	**321**		**Reinforced Concrete Structural Approach Slab**	SF	2,316	2,316	0	0	0
		1130	Cracking (RC) **No Cracks Noted**	SF		0	0	0	0
X	**331**		**Reinforced Concrete Bridge Rail**	LF	164	164	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 - Ends of Structure** **NW: Minor Erosion at Wingtip; SW: AC Curb at Wingtip; SE: Concrete Curb w/Flume at Wingtip; NE: Concrete Curb at Wingtip.**	EA	4	4	0	0	0
X	**9045**		**Slope Protection- Riprap**	EA	2	2	0	0	0

NBI Ratings

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

Structure Specific Notes

Inspection Specific Notes

Inspector Site-Specific Safety Considerations

Structure Inspection Procedures

No Access Gates at West Fence Line. Access can be gained at Median.

Special Requirements

Chk	Hours	Cost	Comments

Underwater Probe Form
B-66-189

General Site Conditions - Scour

No Scour Detected, Channel Deeper Upstream End, Flatter Bottom Downstream.

General Site Conditions - Embankment Erosion/Conditions

Channel Well Vegetated Downstream.

Substructure Notes

Unit	Max Water Depth(ft)	Mode	Notes
Cardinal	1.0	Wade	
Non Cardinal	1.0	Wade	

UW Profile

Document Comment/Description

Looking Downstream

Routine

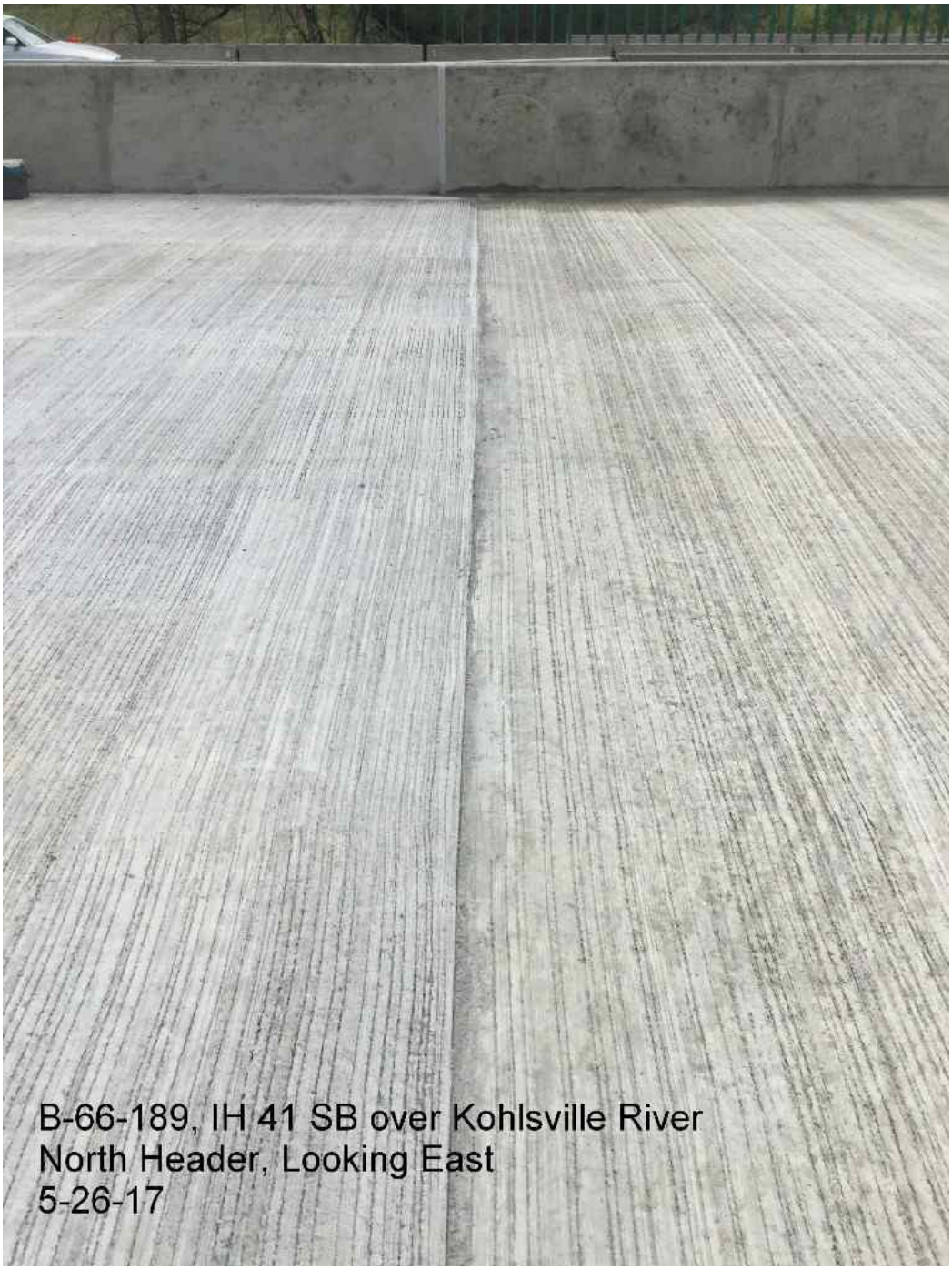
Document Comment/Description

North Approach

Routine

Document Comment/Description

North Header



Routine

Document Comment/Description

North Slope

Routine

Document Comment/Description

Roadway

Routine

Document Comment/Description

South Abutment

Routine

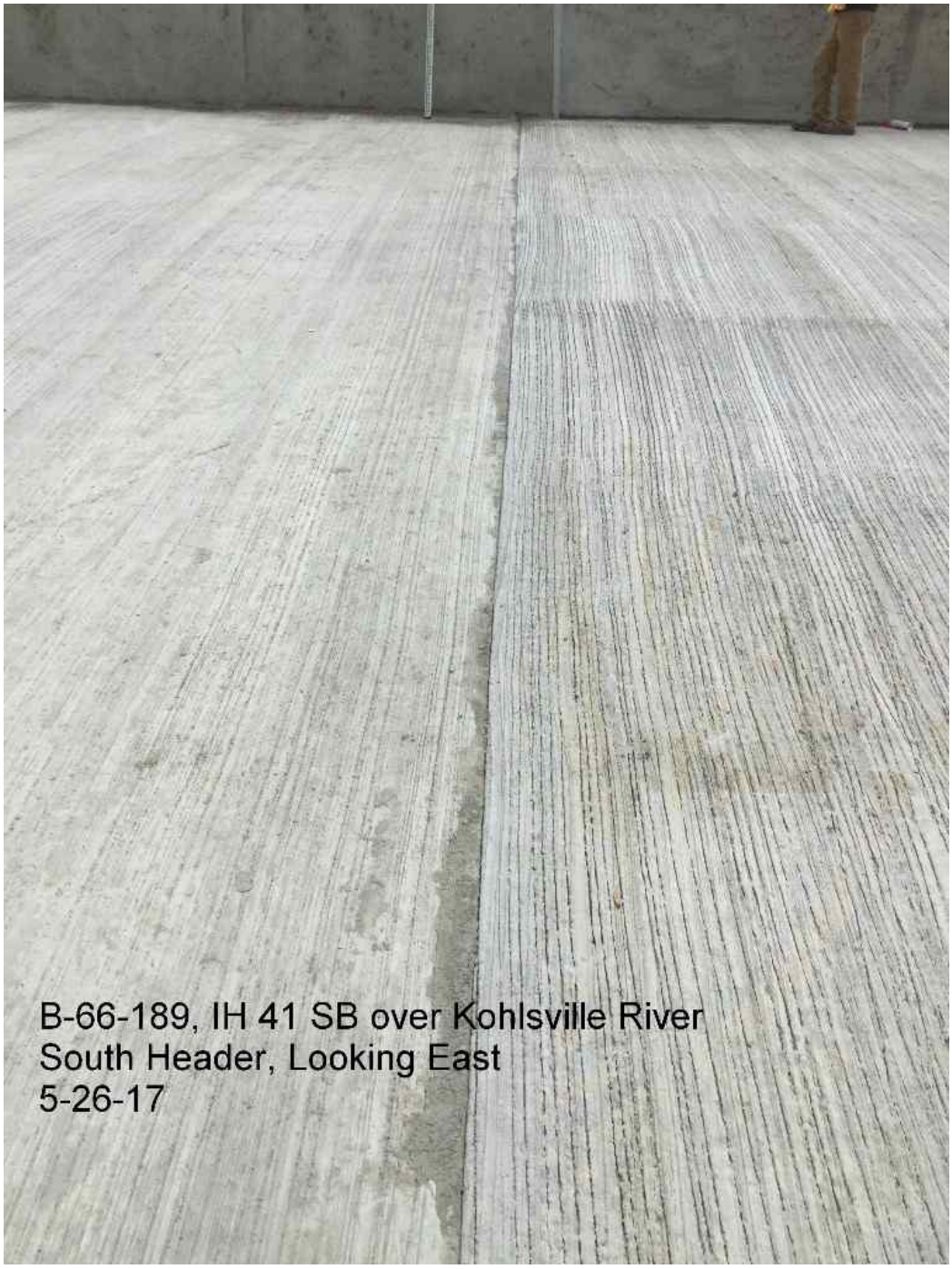
Document Comment/Description

South Approach

Routine

Document Comment/Description

South Header



Routine

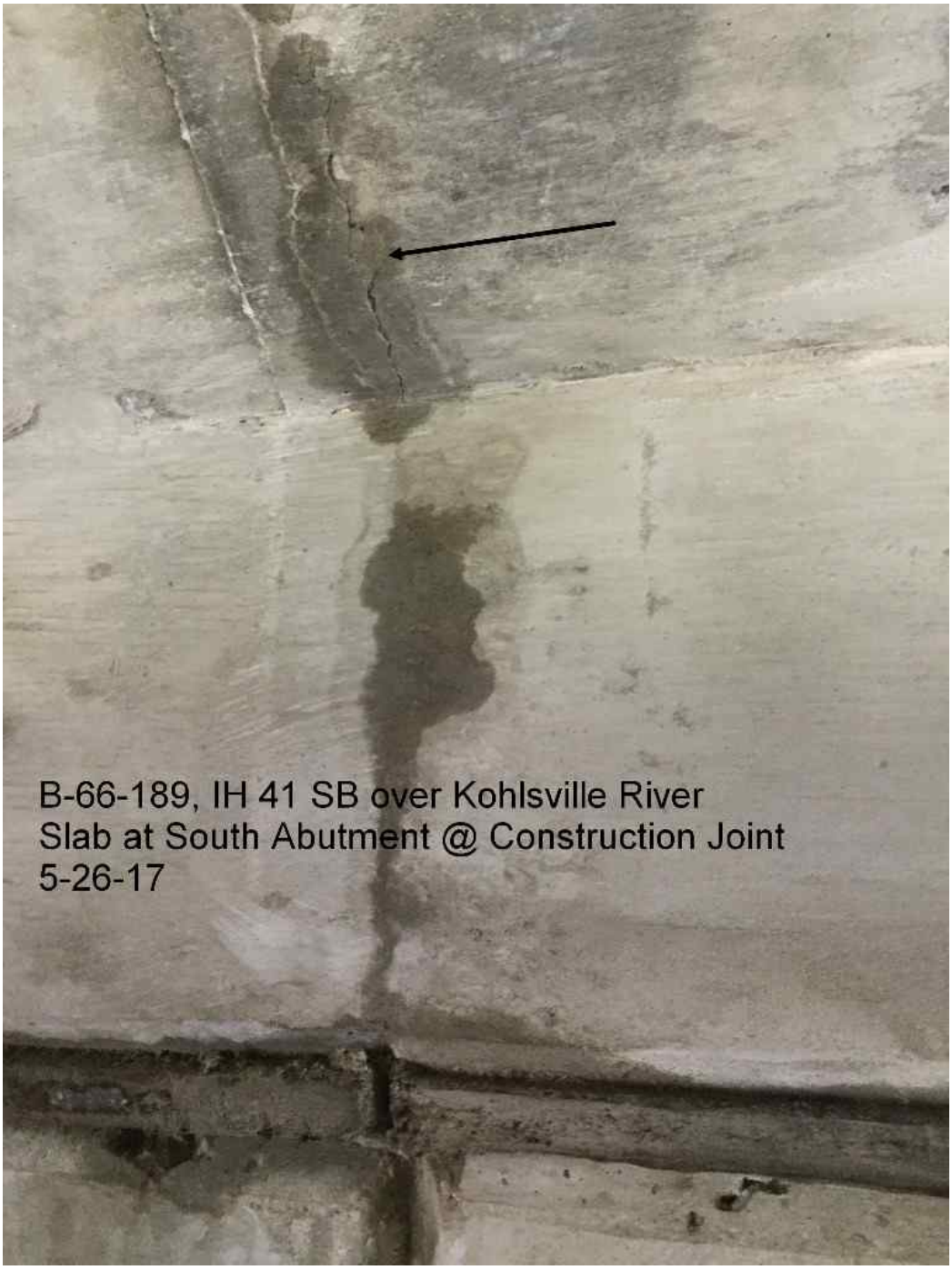
Document Comment/Description

South Slope

Routine

Document Comment/Description

Slab



Routine

Document Comment/Description

Wearing Surface

Non-Image Documents

Type	Document	Document Comment/Description	Attached
UW Profile	b66-189_17_xpd1.xlsx	Initial UW-Profile 10/17/17.	

STRUCTURE INVENTORY AND APPRAISAL FIELD REVIEW FORM

B-66-189
USH 41 SB over KOHLSVILLE RIVER

LOCATION

(3) Municipality:	WAYNE
(16) Latitiude(° ' "):	43°29'00.00"N
(17) Longitude(° ' "):	88°22'00.00"W

TRAFFIC SERVICE

(28A) Lanes On:	2
(28B) Lanes Under:	0
(102) Traffic Pattern On:	-NO TRAFFIC X-ONE WAY TRAFFIC -TWO WAY TRAFFIC
(102) Traffic Pattern Under:	X-NO TRAFFIC -ONE WAY TRAFFIC -TWO WAY TRAFFIC
(19) Detour Length(mi):	1

GEOMETRY

(49) Structure Length(ft):	49.2	
(50) Sidewalk Width(ft):	**Left:**	**Right:**
(50) Curb Width(ft):		
(52) Culvert Barrel Length(ft):		
(34) Skew:	**Angle(°):**	**Direction:** -RIGHT FORWARD -LEFT FORWARD
	Cardinal	**Non-Cardinal**
(51) Bridge Roadway Width(ft):	55.0	55.0
(52) Deck Width(ft):	57.9	57.9
Right Wingwall Length(ft):	16.0	16.0
Left Wingwall Length(ft):	16.0	16.0
(32) Approach Roadway Width(ft):	55	55
	Cardinal Under Clearance	**Non-Cardinal Under Clearance**
(47) Minimum Horizontal(ft):		
(55) Minimum Right Lateral(ft):		
(56) Minimum Left Lateral(ft):		

RAILING APPRAISAL

(36A) Bridge Rail Adequacy:	-SUB-STANDARD X-STANDARD -NOT APPLICABLE		
(36B) Transition Adequacy:	-SUB-STANDARD X-STANDARD -NOT APPLICABLE		
(36C) Approach Guardrail Adequacy:	-SUB-STANDARD X-STANDARD -NOT APPLICABLE		
(36D) Guardrail Termination Adequacy:	-SUB-STANDARD X-STANDARD -NOT APPLICABLE		
Outer Rail:	**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)
Transition Type:			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)
Approach Attachment Rail Note:			
Guardrail Termination Type:	X		(01) ENERGY ABSORBING TERMINAL/EAT
			(02) TURN DOWN
			(99) OTHER (Please specify)
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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