

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

Inspection Report for B-64-123

IH 43 SB over ELM RIDGE RD Aug 23,2018



Туре	Prior	Frequency (mos)	Performed
Routine	08-23-16	24	Х
Load Posted Verification (dt2122)	12-19-12	0	
SIA Review	08-23-16	48	
Vertical Clearance Measured	08-23-16	0	

Latitude

Longitude

Start Coordinates Latitude 42°37'07.84"N

Time Log

Longitude 88°39'48.94"W

End Coordinates (optional)

Owner STATE HIGHWAY DEPT

Maintainer STATE HIGHWAY DEPT
Team members

			· · · · · · · · · · · · · · · · · · ·		
	Hours 3	Minutes 0			
	Name		Number	Signature	Signature Date
Inspector	Jashinsky, Dan		2010	Dan Jashinsky E-signed by Dan P Jashinsky(dotdpj)	12-12-18

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Identification & Location Feature On: IH 43 SB Section Town Range: Structure Number: S24 T02N R15E **B-64-123** Feature Under: County: ELM RIDGE RD WALWORTH Municipality: DARIEN Location Structure Name: 2.8 MI S JCT STH 50 Traffic Geometry measurements in feet, except where noted Lanes ADT ADT year Traffic Pattern Approach Roadway Width: Bridge Roadway Width: Total Length: 40 On 2 10250 2018 ONE WAY TRAFFIC 40.0 146.7 Approach Pavement Width: 24 Deck Width: Deck Area (sq ft): Under 2 42.5 6234 1000 2015 TWO WAY TRAFFIC Load Rating Capacity Last rating date: Controlling: INTERIOR DECK GIRDER Negative Moment Inventory rating: Overburden depth (in): HS20 0.0 07-28-15 Deck surface material: Re-rate for capacity (Y/N): Control location: Operating rating: HS33 CONCRETE SPAN 2 Posting: Re-rate notes: Classification **Hydraulic** Scour Critical Code(113): Q100 (ft3/sec): (N) NO WATERWÁY 0 High water elevation (ft): Velocity (ft/sec): Sufficiency #: 0.0 0.0 97.5 Span(s) Configuration DECK GIRDER Span # Material Depth (in) Length (ft) Main CONT PREST CONC 45 44.5 1 CONT PREST CONC DECK GIRDER 45 64.0 2 3 CONT PREST CONC DECK GIRDER 33.5 45 Temperature: File:79 Expansion joint(s) New:75 Last inspection date Last measure (in) New measure (in) Joint # Location Type STRIPSEAL WEST ABUTMENT 08-23-16 1.5 1.5 1 Clearance File Measurement (ft) File Date New Measurement (ft) Item Highway Min Vertical Under Cardinal 15.3 23-Aug-2016 Highway Min Vertical Under Non-Cardinal Horizontal Under Cardinal 50.0 Horizontal Under Non-Cardinal Highway Min Vertical On Cardinal Horizontal On Cardinal

Construction History

Year	Work Performed	FOS id
2016	NEW DECK	1090-33-71
2003	OVERLAY - CONCRETE	1090-12-70
1975	NEW STRUCTURE	1091-02-73

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Structure No.: B-64-123

Maintenance Items

Item	Priority	Recommended by	Status	Status change
Deck - Seal w/ Concrete Sealer	MEDIUM	Bolka, John (2007)	IDENTIFIED	08/31/16
2017 - Recommend Placing Sealer on New Deck.				

Elements

- hk							Quantity in Co		
	Element	Defect	Description Reinforced Concrete Deck-Coated Reinforcing	UOM SF	Total 6.425	1 5.729	2 696	3	4
Х	12		Remorced Concrete Deck-Coaled Remorcing	ЪГ	0,423	5,729	090	0	. 0
			Delamination - Spall - Patched Area	SF		0	37	0	0
		1080	SPANS 1,2 & 3: 33 holes, Ln 1, filled w/epoxy construction. SPAN 2: Sound patch at Pier 1 Haunch, G2-3.	(top to l	bot) from p	oinned bar	rier wall d	uring stag	e 2
			Cracking (RC)	SF		0	659	0	0
		1130	SPAN 1: Transverse Cracks w/Staining; SPAN 2: w/Efflorescence.	Transve	erse Cracks	s w/Staininę	g; Few Trai	nsverse Cra	acks
	8000		Wearing Surface (Bare)	SF	5,868	5,248	620	0	0
			Debonding/Spall/Patched Area/Pothole	SF		0	33	0	0
			SPANS 1,2 & 3: 33 holes, Ln 1, filled w/epoxy		oot) from r				
		3210	construction.	(10) 10 1				unig olug	-
			Crack (Wearing Surface)	SF		587	587	0	0
		3220	HL - Nrw trans/longit/diag/map crks - some sea CS 1 est at 10% and CS 2 est at 10%.	led.					
			Prestressed Concrete Open Girder	LF	587	566	21	0	0
X	109		Girders Numbered N=>S						<u>.</u>
			Delamination - Spall - Patched Area	LF		0	21	0	0
									-
		1080	Span 1, Girder 1: 2 sound patches at top fing of Span 2, Girder 1: Sound patch at top fing inside Span 3, Girder 3: Sound patch at top fing at Pie Scrapes and small patch (sound) on Girder 4 over	; Girde r 2; Girc Roadwa	r 4: 2 soun der 4: Sour ay.	nd patch a	t top flng a	at east abu	ıt.
x	205	1080	Span 2, Girder 1: Sound patch at top fing inside Span 3, Girder 3: Sound patch at top fing at Pie	; Girde r 2; Gird	r 4: 2 soun der 4: Soui	d patches nd patch a 6	at top fing t top fing a	g inside&o at east abu 0	outside ut. 0
x	205	1080	Span 2, Girder 1: Sound patch at top fing inside Span 3, Girder 3: Sound patch at top fing at Pie Scrapes and small patch (sound) on Girder 4 over	; Girde r 2; Girc Roadwa	r 4: 2 soun der 4: Sour ay.	nd patch a	t top flng a	at east abu	ıt.
	205 215	1080	Span 2, Girder 1: Sound patch at top fing inside Span 3, Girder 3: Sound patch at top fing at Pie Scrapes and small patch (sound) on Girder 4 over Reinforced Concrete Column	; Girder r 2; Gird Roadwa EA	r 4: 2 soun der 4: Sour ay. 6	nd patch a	t top fing a	at east abu	Jt.
		1080	Span 2, Girder 1: Sound patch at top fing inside Span 3, Girder 3: Sound patch at top fing at Pie Scrapes and small patch (sound) on Girder 4 over Reinforced Concrete Column	; Girder r 2; Gird Roadwa EA	r 4: 2 soun der 4: Sour ay. 6	nd patch a	t top fing a	at east abu	Jt.
		1080	Span 2, Girder 1: Sound patch at top fing inside Span 3, Girder 3: Sound patch at top fing at Pie Scrapes and small patch (sound) on Girder 4 over Reinforced Concrete Column Reinforced Concrete Abutment	r; Girder r 2; Gird Roadwa EA LF	r 4: 2 soun der 4: Sour ay. 6	6 77	0 20	at east abu	ut. 0
x x			Span 2, Girder 1: Sound patch at top fing inside Span 3, Girder 3: Sound patch at top fing at Pie Scrapes and small patch (sound) on Girder 4 over Reinforced Concrete Column Reinforced Concrete Abutment Delamination - Spall - Patched Area	r; Girder r 2; Gird Roadwa EA LF	r 4: 2 soun der 4: Sour ay. 6	6 77	0 20	at east abu	ut. 0

					Structure No.:	B-64-123
Reinforced Concrete Cap	LF	98	76	20	2	0
Delamination - Spall - Patched Area	LF		0	19	2	0
PIER 1: 6 Concrete Repairs (sound) at East/Wes	t Top C	orner, 2 sn	n spalls.			

							4.0		
			Delamination - Spall - Patched Area			0	19	2	0
		1080	PIER 1: 6 Concrete Repairs (sound) at East PIER 2: Sound patch at Top West Corner G2	2-3, Sm spall	east bot.	n spalls. corner btv	vn Col's 1 a	& 2.	
			Cracking (RC)	LF		0	1	0	0
		1130	Pier 1: HL Vertical Crack at Column 1.	I					
			Strip Seal Expansion Joint	LF	46	46	0	0	0
X	300		W Joint: 1-1/2" @ 75 @ NW Corner; Gland V	Vas Cut At Sta	age 1/2 Jo	int.			
			Elastomeric Bearing	EA	4	4	0	0	0
X	310		Includes Bearings @ West Abutment	I					
			Reinforced Concrete Bridge Rail	LF	291	252	39	0	0
X	331			I			1		
			Cracking (RC)	LF		19	39	0	0
		1130							
			Integral Wingwall	EA	4	4	0	0	0
X	8400								
			FRP Strengthening	EA	6	6	0	0	0
ĸ	8800		SPAN 1: Girders 1 & 4, 4-ft at West Abutmer ft at East Abutment.	nt, Girders 2 &	3, 7-ft at	West Abuti	ment; SPAN	3: Girder	s 2 & 3

Assessments

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		11.5					Quantity in Co	ondition State	
Chk	Element	Defect	Description	UOM	Total	1	2	3	4
			Drainage - Ends of Structure	EA	4	4	0	0	0
Х	9001		NE: Concrete Curb at Wingtip; SE: Concrete Curt Concrete Barrier w/Inlet at Wingtip.	o at Wing	gtip; NW: C	oncrete Ba	rrier w/Inle	t at Wingti	b; SW:
			Signs - Object Markers	EA	2	2	0	0	0
Х	9030		SE/NE						
			Slope Protection- Crushed Aggregate with Bit.	EA	2	2	0	0	0
Х	9043						· · · · · · · · ·		
			Steel Diaphragm	EA	9	9	0	0	0
Х	9167		Galvanized						
			Concrete Diaphragm	EA	6	6	0	0	0
Х	9168								
			Approach Roadway - Asphalt	EA	2	2	0	0	0
Х	9323		Both Approaches: Few diag & trans crks; Hole stage 2 construction.	s in Ln 1	filled w/e	poxy from	pinned ba	arrier wall	during

NBI Ratings

-	File	New
Deck	8	7
Superstructure	7	7
Substructure	7	7
Culvert	Ν	N
Channel	Ν	N
Waterway	Ν	N

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Structure Specific Notes

Minimum Vertical Clearance (15.30', 10/11/16) Measured at G4 (South Fascia) at East Edge of Pavement.

Inspection Specific Notes

Inspector Site-Specific Safety Considerations

Hours

Structure Inspection Procedures Parked on outside shoulder north of the bridge, Gates in median at each end of bridge.

Special Requirements

Chk

Cost Comments

Routine Document Comment/Description Roadway looking south bound.



Routine Document Comment/Description Fiber-wrapped Girder #4 at west abutment - typical.



Routine

Document Comment/Description

Pier 1 Cap. Photo copied from previous inspection report - no change 2018.



From:	Filtz, Dean J - DOT
To:	Wood, Kevin
Cc:	Pettit, Mary Beth: Elgag, Wafa - DOT
Subject:	RE: I-43 Walworth County 1090-16-00 - change of scope and structure survey report requirements
Date:	Thursday, October 18, 2018 4:25:41 PM
Attachments:	image001.png RE 1090-16-00 I-43 Walworth Co. Revision to Amendment #1.msg

Kevin,

I ran this by BOS and they agree with the streamlined requirements stated below. I have attached the original email that was sent back to you after BOS reviewed the initial amendment for reference. Please resubmit a draft amendment with the hour reductions which will be reviewed by consultant services.

Thanks, Dean Filtz, P.E. WisDOT, SE Freeways 414-750-2014 dean.filtz@dot.wi.gov

From: Wood, Kevin (mailto:kevin.wood@graef-usa.com) Sent: Thursday, October 18, 2018 8:50 AM To: Filtz, Dean - I-DOT
- Dean.Filt2@dot.wi.gov>
Ce: Pettit, Mary Beth <marybeth.pettit@graef-usa.com>
Subject: FW: I-43 Walworth County 1090-16-00 - change of scope and structure survey report requirements

Dean,

Thanks for speaking with me this morning. To document the evolution of the scope requirements for bridges B-64-122 & B-64-123 added to our scope of services last spring, the below e-mail outlines requirements received from Tony Landini last March. As noted in Tony's second to last sentence, these two new bridges required "normal preliminary plan submittal". Following this direction, we had originally scoped our hours to include a site visit, SSR form preparation, preliminary bridge plans, submittal of site visit photos, location map, inspection report, plan of deficient areas, and preliminary roadway plans.

We understand that for relatively new bridges receiving thin polymer overlays, there is now a new streamlined procedure for the preliminary bridge design work. Though these bridges were originally constructed in 1975, both were redecked in 2015/2016 and are considered "relatively new". As such, we understand that for preliminary design, the streamlined requirements for each bridge will include:

- 1. SSR form DT1696
- 2. Location map
- 3. Preliminary plans
- 4. Latest inspection report
- 5. Traffic staging

We understand that a site visit, photo exhibit, deficient area plan documentation, and preliminary roadway plans will not be required.

Because of the reduced preliminary plan scope from what was originally assumed, GRAEF can reduce the effort for bridges B-64-122 & B-64-123 to 120 hours which includes the SSR related submittal work, preliminary plans, final plans, and load ratings. This is reduced from the 186 hours that I had sent last Friday.

If you have any questions please do not hesitate to call me.

Regards.

Kevin Wood, P.E., S.E.

GRAEF

One Honey Creek Corporate Center 125 South 84th Street, Suite 401 Milwaukee, Wisconsin 53214-1470

414 / 259 1500 office 414 / 266 9144 direct

 From: Landini, Anthony P - DOT [mailto:Anthony.Landini@dot.wi.gov]

 Sent: Thursday, March 08, 2018 11:32 AM

 To: Wood, Kevin <kevin.wood@grafe_iusa.com>

 Cc: Ksontini, Najoua - DOT <najoua.ksontini@dot.wi.gov>; Jenks, Julie - DOT <lulie.lenks@dot.wi.gov>

 Subject: RE: H43 Walworth County 1090-16-00 - change of scope and structure survey report requirements

Kevin

For change from concrete overlay to REDECK

Resubmit SSR form, preliminary plans, and deck investigation/evaluation report.

Include a statement in SSR that the proposed work meets the following BM 40.4 requirement for "major rehab work, build to current standards such as safety parapets, full shoulder widths, etc.". If the proposed bridge clear width does not meet current standards indicate that it will be justified and approved in the DSR.

Include in preliminary plans staging cross sections if bridge will not be closed for re-decking.

For B-64-63 require bearings be replaced before new deck is poured. Note that it appears from the photographs the existing bearings were not placed in accordance with original plans. Adjust detailing of new bearings as required.

B-64-107 and 126 have bridge deck weather sensors for determining when to apply de-icing chemicals. Coordinate the replacement of these systems.

Structural approach slabs will not be required because it is unlikely the existing abutments can meet the demand of the increased loading.

For add thin POLYMER OVERLAY

I'm sure you are aware that there is a minimum waiting period of 28 days and moisture contents maximum limits before the thin polymer overlay can be applied. Account for this in the construction schedule and staging requirements. If the structures our opened to traffic before the overlay is applied it is likely shot blasting and cleaning will be required. We will use this email as documentation and no further submittal is required.

For add SCOUR COUNTERMEASURES (RIP RAP)

Send us email with description of proposed work supplemented with annotated photographs and/or plan view showing locations. Include information indicating how the proposed work will affect hydraulic performance.

For add EPOXY CRACK INJECTION FOR GIRDERS

We will use this email as documentation and no further submittal is required.

For the two new bridges, normal preliminary plan submittal.

I assume Graef is lead on this project and will transmit this information to others as required.

Tony

 From: Wood, Kevin [mailto:kevin.wood@graef-usa.com]

 Sent: Tuesday, March 06, 2018 10:19 AM

 To: Landini, Anthony P - DOT <<u>Anthony Landini@dot.wi.gov></u>

 Cc: Ksontini, Najoua - DOT <<u>najoua.ksontini@dot.wi.gov></u>; Jenks, Julie - DOT <<u>Julie.Jenks@dot.wi.gov></u>

 Subject: RE: I-43 Walworth County 1090-16-00 - change of scope and structure survey report requirements

Tony,

Please see below. Color coding is change from concrete overlay to REDECK, add thin POLYMER OVERLAY for increased friction, add SCOUR COUNTERMEASURES (RIP RAP), and add EPOXY CRACK INJECTION

There are also two new bridges added to our scope that will add thin POLYMER OVERLAY for increased friction to B-64-122 and B-64-123. These two bridges will require SSRs.

Thanks for your help Tony,

Kevin Wood, P.E., S.E.

Principal

One Honey Creek Corporate Center 125 South 84th Street, Suite 401 Milwaukee, Wisconsin 53214-1470

414 / 259 1500 office 414 / 266 9144 direct

 From: Landini, Anthony P - DOT [mailto:Anthony.Landini@dot.wi.gov]

 Sent: Tuesday, March 06, 2018 10:05 AM

 To: Wood, Kevin <</td>
 kevin.wood@graef-usa.com>

 Cc: Ksontini, Najoua - DOT <</td>
 najoua.ksontini@dot.wi.gov>

Subject: RE: I-43 Walworth County 1090-16-00 - change of scope and structure survey report requirements

Kevin

Which of the following 1090-16-00 project structures do these changes apply too? You can just highlight structure number. I take a quick look at the reply tomorrow.

Tony

Bridge # Mega Project Proposed Work Design ID Consultant Feature On/Feature Over Consultant B-64-114 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 BS over CTH F CORRE B-64-128 STATE Painting 1090-16-00 1090-16-70 IH 43 SB over CTH F CORRE B-64-139 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 SD over Creek CORRE B-64-140 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-141 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-142 STATE Concrete Overlay 1090-16-70 IH 43 SB over Usenson Creek CORRE B-64-143 STATE Concrete Overlay 1090-16-70 IH 43 SB over Usenson Creek CORRE B-64-143 STATE Concrete Overlay 1090-16-70 IH 43 SB over Usenson Creek CORRE B-64-145 STATE Concrete Overlay 1090-16-70							
B-64-115 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 SB over CTH F CORRE B-64-128 STATE Painting 1090-16-00 1090-16-70 Lawson School Rd over IH 43 CORRE B-64-139 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Swann Creek CORRE B-64-140 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-142 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-142 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 Ne over Westbound Lane Rd CORRE B-64-143 STATE Concrete Overlay 1090-16-70 IH 43 SB over USH 12 GRAEF B-64-64 STATE Concrete Overlay 1090-16-70 IH 43 SB over USH 12 GRAEF B-64-105 STATE Concrete Overlay 1090-16-70 IH 43 SB over USH 12 GRAEF B-64-106 STATE Concrete Overlay 1090-16-70 <td< th=""><th>Bridge #</th><th>Mega Project</th><th>Proposed Work</th><th>Design ID</th><th>Construction ID</th><th>Feature On/Feature Over</th><th>Consultant</th></td<>	Bridge #	Mega Project	Proposed Work	Design ID	Construction ID	Feature On/Feature Over	Consultant
Be64-128 STATE Painting 1090-16-00 1090-16-70 Lawson School Rd over IH 43 CORRE Be64-139 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Stwam Creek CORRE Be64-140 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE Be44-141 STATE Surface Repair 1090-16-70 IH 43 over Branch Jackson Creek CORRE Be44-142 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE Be44-144 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 NB over Westbound Lane Rd CORRE Be44-145 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 NB over USH 12 GRAEF Be44-105 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 SB over USH 12 GRAEF Be44-105 STATE Concrete Overlay 1090-16-70 IH 43 SB over USH 12 GRAEF Be44-105 STATE Concrete Overlay	B-64-114	STATE	Concrete Overlay	1090-16-00	1090-16-70	IH 43 NB over CTH F	CORRE
B-64-139 STATE Surface Repair 1090-16-00 1080-16-70 IH 43 over Swawn Creek CORRE B-64-140 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-141 STATE Surface Repair 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-142 STATE Surface Repair 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-142 STATE Concrete Overlay 1090-16-70 IH 43 NB over Westbound Lane Rd CORRE B-64-145 STATE Concrete Overlay 1090-16-70 IH 43 NB over Westbound Lane Rd CORRE B-64-63 STATE Concrete Overlay 1090-16-70 IH 43 NB over USH 12 GRAEF B-64-105 STATE Concrete Overlay 1090-16-70 IH 43 NB over CH H GRAEF B-64-105 STATE Concrete Overlay 1090-16-70 IH 43 NB over CH H GRAEF B-64-106 STATE Concrete Overlay 1090-16-70 IH 43 NB over CH H GRAEF B-64-107	B-64-115	STATE	Concrete Overlay	1090-16-00	1090-16-70	IH 43 SB over CTH F	CORRE
B-64-140 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-142 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jackson Creek CORRE B-64-142 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Jutte Turtle Cr CORRE B-64-144 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 NB over Westbound Lane Rd CORRE B-64-145 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 SB over Westbound Lane Rd CORRE B-64-64 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 SB over USH 12 GRAEF B-64-105 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 SB over CHT H GRAEF B-64-106 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 SB over CHT H GRAEF B-64-107 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 SB over Chartalia Rd & WSOR RR GRAEF	B-64-128	STATE	Painting	1090-16-00	1090-16-70	Lawson School Rd over IH 43	CORRE
B-64-141 STATE Surface Repair 1090-16-00 1090-16-70 H 43 over Branch Little Turtle Cr CORRE B-64-142 STATE Surface Repair 1090-16-70 1H 43 Ner Branch Little Turtle Cr CORRE B-64-144 STATE Concrete Overlay 1090-16-70 1H 43 Ner over Westbound Lane Rd CORRE B-64-145 STATE Concrete Overlay 1090-16-70 1H 43 SB over Westbound Lane Rd CORRE B-64-64 STATE Concrete Overlay 1090-16-70 1H 43 SB over USH 12 GRAEF B-64-05 STATE Concrete Overlay 1090-16-70 1H 43 SB over USH 12 GRAEF B-64-106 STATE Concrete Overlay 1090-16-70 1H 43 SB over CTH H GRAEF B-64-106 STATE Concrete Overlay 1090-16-70 1H 43 NB over CHH GRAEF B-64-106 STATE Concrete Overlay 1090-16-70 1H 43 NB over CHH GRAEF B-64-107 STATE Concrete Overlay 1090-16-70 1H 43 NB over Mound Rd GRAEF B-64-108 STATE <t< td=""><td>B-64-139</td><td>STATE</td><td>Surface Repair</td><td>1090-16-00</td><td>1090-16-70</td><td>IH 43 over Swawn Creek</td><td>CORRE</td></t<>	B-64-139	STATE	Surface Repair	1090-16-00	1090-16-70	IH 43 over Swawn Creek	CORRE
B-64-142 STATE Surface Repair 1090-16-00 1090-16-70 IH 43 over Branch Little Turtle Cr CORRE B-64-144 STATE Concrete Overlay 1090-16-00 1090-16-70 IH 43 NB over Westbound Lane Rd CORRE B-64-145 STATE Concrete Overlay 1090-16-70 IH 43 SB over Westbound Lane Rd CORRE B-64-63 STATE Concrete Overlay 1090-16-70 IH 43 SB over USH 12 GRAEF B-64-64 STATE Concrete Overlay 1090-16-70 IH 43 SB over USH 12 GRAEF B-64-105 STATE Concrete Overlay 1090-16-70 IH 43 SB over CTH H GRAEF B-64-106 STATE Concrete Overlay 1090-16-70 IH 43 NB over CTH H GRAEF B-64-108 STATE Concrete Overlay 1090-16-70 IH 43 NB over Centralia Rd & WSOR RR GRAEF B-64-109 STATE Concrete Overlay 1090-16-70 IH 43 NB over Mound Rd GRAEF B-64-119 STATE Concrete Overlay 1090-16-70 IH 43 NB over Mound Rd GRAEF B-64-11	B-64-140	STATE	Surface Repair	1090-16-00	1090-16-70	IH 43 over Branch Jackson Creek	CORRE
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From: Ksontini, Najoua - DOT

Sent: Monday, March 05, 2018 3:11 PM

To: Landini, Anthony P - DOT <<u>Anthony.Landini@dot.wi.gov</u>>

Subject: FW: I-43 Walworth County 1090-16-00 - change of scope and structure survey report requirements

Tony.

FYI, and can you respond to Kevin's questions below.

Thanks Najoua

From: Wood, Kevin [mailto:kevin.wood@graef-usa.com] Sent: Monday, March 05, 2018 2:26 PM To: Ksontini, Najoua - DOT <<u>najoua.ksontini@dot.wi.gov</u>> Cc: Sadowski, Jason <<u>Jason, Sadowski@mbakerintl.com</u>>; Bill Hove <<u>bhove@correinc.com</u>>; Jenks, Julie - DOT <<u>Julie Jenks@dot.wi.gov</u>> Subject: I-43 Walworth County 1090-16-00 - change of scope and structure survey report requirements

Naioua.

Thanks for speaking this afternoon. So that everyone is on the same page, here is what we discussed:

- A. For the 4 bridges being changed from concrete overlays to deck replacements, revised structure survey reports will be required.
 B. For bridges remaining as concrete overlays, but now having a thin polymer overlay added, it is not necessary to resubmit the structure survey reports. We will simply e-mail you with the affected bridge numbers and you will make sure the final plan reviewers are aware of the scope change.

Here are a few more follow up questions:

- 1. For the redecks, which exhibits should be resubmitted (SSR form, preliminary plans, others?)?
- 2. One of our culvert rehabs, we will now have scour countermeasures (riprap) added. Will this change follow the same procedure as item B above?
- 3. For the redecks, please confirm that a structure approach slab will not be required as noted in the WBM 12.11 policy item.

Thanks again for your help,

Kevin Wood, P.E., S.E.

GRAEF

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