DT1696 6/2012						
	Stream Crossing 🔲 C	Culvert			RECE	
☐ Railroad ☐ Retaining	_				8/30/	
	her:			BUREAU	OF S	STRUCTURES
For guidance see: http://dotnet/dti		rts-checklists.htm				
Design Project ID	Construction Project ID	Highway (Project Na	me)			
1090-35-00	1090-35-70	9 7 7	CTH I (BELOIT R	RD)		
Final Plan Due Date Preliminary Plan Due Date □ Town □ Village ☑ City DECEMBER 1, 2019 SEPTEMBER 1, 2019 NEW BERLIN						
PS&E Date FEBRUARY 1, 2020	Letting Date MAY 12, 2020	County WAUKESHA				
Structure Number		Section	Town		Rang	e
B-67-297 Station	Latitude: 425720.82	26		06N 20E		
805+45.59 IH 43 SB	Latitude: 423720.82 Longitude: 880615.24	☑ YES ☐ NO	Structure Located	on National H	lighway	System
For Survey and CADD Files	<u> </u>		Traffic Fo	recast Data		
Horizontal Coordinate System: Vertical Datum:		Design Year	Average Daily Traffic (ADT)	Roadwa Design Sp		Functional Class
Feature On IH 43 SB		Feature On 2032	82100	70 mp		INTERSTATE- URBAN
Feature Under CTH I (BELOIT RD)		Feature Under 2032	12400	40 mp	h	ARTERIAL URBAN
Region Contact: LANCE PARVE		Consultant Contact: HEATHER ANDERS				
(Area Code) Telephone Number(s): (4 Email: LANCE.PARVE@DOT.N		(Area Code) Telephone Number(s): (414) 410-6899 Email: HANDERS@hntb.com				
Ellali. LANCE.FARVE@DOT.V	WI.GOV	Email. HANDERS	S@TITED.COTT			
	Work	To Be Performed	I			
						ation Required
☐ A. Structural F	Repair				iber (s	see Pages 2–4)
	· · · · · · · · · · · · · · · · · · ·				26–2	8 32 34
•	ete Overlay	☐ Asphalt Overla			, 20 2	3, 32, 31
☐ Polyme	☐ Thin Bonded Polymer Overlay					
	•	_	,			
	 ngs			. 3, 8, 9, 22		
□ D. New Railin	gs			. 15–17, 20–	23	
☐ E. Curb and S	Sidewalk Repair			. 2, 3, 16, 22	, 23	
☐ G. Pier Repai			. 2, 3, 12, 16			
☐ H. New Deck.	1–6, 9, 10, 13–28, 32–34				, 32–34	
☐ I. Widening			. 1–28, 30, 3	2–35		
☐ J. Joint Repa			.2, 3, 8, 16,	19, 22		
⊠ K. Surface Repair				. 2, 3, 22		
□ L. Raising Bri			.3, 6, 9, 16,	20–24		
☐ M. Slope Stab	☐ M. Slope Stabilization1–3, 30					
☐ N. Scour Rep	air			. 1, 2 or 3, 16	6, 19, 2	21, 27, 29, 31–35
☐ O. Painting				. 16, 22, 24		
P. Other:	<u> </u>					

Field Information Required

If no structure number exists provide the following: Small County Map on which the location of proposed structure is shown in red and any highway relocation in green. In addition, provide Location Map of scale not less than 1" = 2000' showing the structure location and number.

\boxtimes	1. Most recent inspection report, brief history of brief	dge construction date, and description of repairs with dates.
\boxtimes	2. Outline deficient areas on existing structure plan	or drawing.
\boxtimes	Photographs of details requiring repairs or modif deficient areas. Clearly label all photographs.	ications, such as: bearings, x-frames, joints, etc. Photograph all
	4. Provide proposed typical section for roadway and	d structure showing dimensions and cross slopes.
	5. Survey beam seat or girder elevations at both sid	des of bridge at all substructure units.
		rals extending across the structure and a minimum of 100 feet centerline and show elevations at centerline roadway and gutter ins.
	7. Show and identify starting stationing on bridge.	
	9. Fixed and expansion bearings - condition and or	ientation.
⊠1	0. Number and width of proposed pours including of	onstruction staging sequence.
⊠1	1. Location of existing construction joints in the dec	k.
⊠1	•	Sq. Yd. <u>NA</u> Sq. Yd. <u>NA</u>

Curb Repair

Concrete Surface Repair Superstructure

Concrete Surface Repair Substructure

Full Depth Deck Repair

LF. <u>NA</u> Galvanic Anodes? <u>NA</u>

Galvanic Anodes? NA

Galvanic Anodes? NA

Galvanic Anodes? TBD

Sq. Yd. NA

Sq. Ft. TBD

Sq. Ft. TBD

	Deck Condition	Superstructure Condition	Substructure Condition	Load Capacity Appraisal	Structural EVAL Appraisal
Current	7	7	6	5	6

	Inventory	Operational
Current	11004	11077
Calculated Date: 5/24/2013	HS34	HS77
After		
Completed by Bridge Designer		

☐ Yes ☒ N		0		Opening at		<u> </u>	
	Туре	Owner and Contact Information		Size	Abutment	Weight	Pressure
\boxtimes	•	lge railing deficient? o If Yes – Replacement Ra	nil Type:				
	18. Drains to be: ☐ Raised	☐ Closed ☐ Down	spouted □ New				
		ned on bridge during work? o If Yes – Include sketches	;				
	20. Will guard rail ☐ Yes ☒ N	be attached? o If Yes – Which corners?					
		e performed eliminate all defid o If No – Explain:	ciencies?				
		aste (asbestos) to be removed o If Yes – Explain:	d?				
	23. Wing location	(s) for surface drain anchors:	None				
	□ Yes □ N	o If Yes – Explain on Page , color system, containment, bid					
		/ay width: <i>(new deck / widening</i> alk clear width: Left:	·	<u>.</u>			
	26. Maximum incr	ease in grade line elevation	<u>0</u> In.				
	27. Benchmark de	escription to be shown					
\boxtimes	28. Desired final of	cross slopes on bridge	0.02 Ft./Ft.				
		, and the second	iting and Seal Elevations	3			
	30. Slope stabiliza Type: Slope:	ation, provide: Quantity: Ft./Ft. Fill: CY.	CY.				
	· · · · · · · · · · · · · · · · · · ·	p					
\boxtimes	32. Report submit	ted with Preliminary Plan req	uires no CADD file subn	nittal (See L	ESubmittal instru	ıctions).	

33.	Report submitted for development of Preliminary Plan to structure design engineer requires CADD file (if available) submittal and Report submittal to Soils Engineer if project involves foundation modifications.
	Coordinate with structure design engineer before going into the field if existing structure has no available plans, if staged construction is planned, or if there are adjoining/adjacent structures that will remain in place.
	If project involves substructure widening coordinate with structure and/or hydraulic design engineer to determine if information on the separation and/or stream crossing SSR will be required.

Additional Information

Elaborate on other concerns such as: DNR, Local, Utility Conflicts, Aesthetics, Railing Type and Staged Construction.

Please be as detailed and specific as possible.

Work to be Performed: Methyl Methacrylate Sealer on Deck Surface Concrete surface repair on parapets and abutments

- 10. Staging for deck work will be determined in final design.
- 11. There are no existing construction joints in the deck.
- 12. Use of Embedded Galvanic Anodes in sibstructure repairs to be determined in final design.
- 13. 14. 15. Data for these items taken from HSI system on 8/29/2019.
- 16. Exact utility locations still being determined, but no utility conflicts anticipated. To be verified during final design.
- 17. Existing bridge railing is Type HF.
- 18. No existing drains on bridge.
- 19. To be determined in final design.