Wisconsin	Department of	Transportation
DT1606	4/2017	

☐ Railroad ☐ Retainir	ng Wall 🔲 Noise Barrier					
☐ Sign Structure ☐ O	ther:					
For guidance see: http://wiscons	indot.gov/Pages/doing-bus/eng-o	consultants/cnslt-rs	rces/strct/survey.a	aspx		
Design Project ID						
1196-05-07	1196-05-77	USH 53 NB				
Final Plan Due Date	Preliminary Plan Due Date	☐ Town ☐ Village ☐ City				
2/1/2019	11/16/2018 Chetek					
PS&E Date	Letting Date County					
5/1/2019						
Structure Number		Section Town Range			е	
B-03-0023		31 T33N R10W				
Station	Latitude: 45DEG 18'13"N					
493+75	Longitude: 90DEG 39'29"W				,	<u>, </u>
For Survey and CADD Files	Traffic Forecast Data					
Horizontal Coordinate System: Barro		Average Daily	Roadwa	,		
Vertical Datum: NAVD 88		Design Year	Traffic (ADT)	Design Sp	peed	Functional Class
Feature On		Feature On	5550	70MPI	Н	PRINCIPAL
USH 53 NB 2014			0000	7 01011 1	•	ARTERIAL
Feature Under		Feature Under	4400	55MPI	ш	MAJOR
CTHI	2014	4400	SSIVIE	1	COLLECTOR	
Region Contact: Brendan Dirkes Consultant Contact: Jarrod Starren						
(Area Code) Telephone Number(s): (715) 395-3026 (Area Code) Telephone Number(s): (715) 720-6261						
Email: brendan.dirkes@dot.wi.g	Email: jstarren@sehinc.com					
		ı				

Work To Be Performed

Field Information Required Item Number (see Pages 2-4) ☐ B. Overlay......1–3, 10–22, 26–28, 32, 34 ☐ Concrete Overlay ☐ Asphalt Overlay ☐ Thin Bonded Polymer Overlay □ Polymer Modified Asphalt Overlay □ P. Other: _

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.

show	owing the structure location and number.	·			
⊠ 1	1. Most recent inspection report, brief history of bridge construction date, and description of repairs with dates.				
⊠ 2	☑ 2. Outline deficient areas on existing structure plan or drawing.				
⊠ 3	Photographs of details requiring repairs or modification deficient areas. Clearly label all photographs.	ns, such as: bearings, x-frames, joints, etc. Photograph all			
⊠ 4	4. Provide proposed typical section for roadway and stru	cture showing dimensions and cross slopes.			
⊠ 5	5. Survey beam seat or girder elevations at both sides of	bridge at all substructure units.			
⊠ 6	6. Provide cross-section elevations at 10 foot intervals exbeyond each end. Sections should be normal to center line. Take elevations along joints and at floor drains.	stending across the structure and a minimum of 100 feet rline and show elevations at centerline roadway and gutter			
□ 7	7. Show and identify starting stationing on bridge.				
□ 8	 8. Record measurement, temperature of the structure, and (a) Joint opening measured normal to joint at centerling (b) Clearance between girder ends at piers. (c) Distance from front face of abutment backwall to contain the contained by averaging (d) Temperature of structure determined by averaging 	le of roadway and both curb lines.			
⊠ 9	9. Fixed and expansion bearings - condition and orientat	on.			
⊠10	10. Number and width of proposed pours including constr	uction staging sequence.			
□11	11. Location of existing construction joints in the deck.				
□12	Preparation, Decks, Type 2 Sq. Y	d d			
	Full Depth Deck Repair Sq. Y	d Galvanic Anodes?			

Concrete Surface Repair Superstructure

Concrete Surface Repair Substructure

Curb Repair

	Deck Condition	Superstructure Condition	Substructure Condition	Load Capacity Appraisal	Structural EVAL Appraisal
Current	4	6	6	5	6

Sq. Ft. _____

Sq. Ft. _____

LF. _____

Galvanic Anodes? _____ Galvanic Anodes? _____

Galvanic Anodes? _____

	Inventory	Operational
Current	110.00	110.00
Calculated Date: 8/8/2013	HS 22	HS 38
After		
Completed by Bridge Designer		

	Туре	Owner and Contact Information	Size	Opening at Abutment	Weight	Pressure
	Weather Puck	Owner and Contact morniation	OI2C	Abdillon	Weight	rressure
	_	l dge railing deficient? lo If Yes – Replacement Rail Type: 42 SS				<u>I</u>
	18. Drains to be: ☐ Raised	☐ Closed ☐ Downspouted ☐	New			
		ined on bridge during work? lo If Yes – Include sketches				
	20. Will guard rail ⊠ Yes □ N	be attached? Io If Yes – Which corners? South end				
		e performed eliminate all deficiencies? lo If No – Explain:				
		aste (asbestos) to be removed? lo If Yes – Explain:				
\boxtimes	23. Wing location	(s) for surface drain anchors: All four corners				
		lo If Yes – Explain on Page 4 , color system, containment, bid items)				
		vay width: <i>(new deck / widening)</i> 40 Ft. valk clear width: Left: Ft. Right:	Ft.			
	26. Maximum inci	rease in grade line elevation 2.16 ln.				
\boxtimes	27. Benchmark de	escription to be shown				
\boxtimes	28. Desired final of	cross slopes on bridge <u>0.02</u> Ft./Ft.				
		-	ations			
	30. Slope stabiliza Type: Slope:	ation, provide: CY. _ Ft./Ft. Fill:CY.				
	-	CY.				

	☑ 32. Report submitted with Preliminary Plan requires no CADD file submittal (See ESubmittal instructions).			
	□ 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.			
	☐ 34. 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.			
	☐ 35. 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 consists of the following: Redeck, replace all four wings, provide new 42SS parapet, fiber wrap ends of prestressed girder, miscellaneous concrete repair.			
	Bridge will be closed to traffic while construction takes place.			
	Deficient areas consist of the deck, wings.			
	Fixed connections.			
	Weather puck is placed in deck in span 1, bay 2 and 4, south of first diaphragm. Puck is to be replaced.			
	No drains on existing bridge deck.			
	Beam guard will be attached to the south wings only.			
	No widening of the deck will take place.			