2	— —	
M OF	Wisconsin	Department of Transportation 4/2017
€ر∟	DT1696	4/2017

☐ Grade Separation ☐ Stream Crossing ☐ Culvert ☐ Railroad ☐ Retaining Wall ☐ Noise Barrier					
☐ Sign Structure ☐ Other:					
For guidance see: http://wisco	onsindot.gov/Pages/doing-bus/eng	-consultants/cnslt-r	srces/strct/survey.a	<u>spx</u>	
Design Project ID	Construction Project ID	ect ID Highway (Project Name)			
1196-05-07	1196-05-77	USH 53 NB			
Final Plan Due Date	Preliminary Plan Due Date	☑ Town ☐ Villaç	ge 🗌 City		
4/1/2019	3/1/2019	Dovre			
PS&E Date	Letting Date	County			
5/1/2019	11/12/2019	Barron			
Structure Number		Section	1 2 3		
B-03-0019		05 T32N R10W			
Station	Latitude: 45Deg 17'26" N	☑ YES □ NO	Structure Located	on National Highw	ay System
431+63.1	Longitude: 91Deg 38'36"W				
For Survey and CADD Files		Traffic Forecast Data			
Horizontal Coordinate System: BA		Average Daily	Roadway		
Vertical Datum: NAVD 88		Design Year	Traffic (ADT)	Design Speed	
Feature On		Feature On	5550	70 MPH	PRINCIPAL
USH 53 NB		2014			ARTERIAL
Feature Under		Feature Under	450	55 MPH	MINOR
CTH A		2011	100	ASSUMED	COLLECTOR
Region Contact: Brendan Dirke	Consultant Contact: Jarrod Starren				
(Area Code) Telephone Number(s)	(Area Code) Telephone Number(s): (715) 720-6261				
Email: brendan.dirkes@dot.v	Email: jstarren@sehinc.com				
-		1 1			

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

- ☑ 1. Most recent inspection report, brief history of bridge construction date, and description of repairs with dates.
- ☑ 2. Outline deficient areas on existing structure plan or drawing.
- ☑ 3. Photographs of details requiring repairs or modifications, such as: bearings, x-frames, joints, etc. Photograph all deficient areas. Clearly label all photographs.
- ☑ 4. Provide proposed typical section for roadway and structure showing dimensions and cross slopes.

- ☐ 7. Show and identify starting stationing on bridge.
- - (a) Joint opening measured normal to joint at centerline of roadway and both curb lines.
  - (b) Clearance between girder ends at piers.
  - (c) Distance from front face of abutment backwall to closest point of girder end measured parallel to girder.
  - (d) Temperature of structure determined by averaging top and under deck (if accessible) readings.
- ☑ 9. Fixed and expansion bearings condition and orientation.
- □11. Location of existing construction joints in the deck.
- □12. Estimated Quantities:

Preparation, Decks, Type 1 Sq. Yd. \_\_\_\_\_ Preparation, Decks, Type 2 Sq. Yd. \_\_\_\_\_ Sq. Yd. \_\_\_\_\_ Full Depth Deck Repair Galvanic Anodes? \_\_\_\_\_ Concrete Surface Repair Superstructure Sq. Ft. \_\_\_\_\_ Galvanic Anodes? \_\_\_\_\_ Sq. Ft. \_\_\_\_\_ Concrete Surface Repair Substructure Galvanic Anodes? \_\_\_\_\_ Curb Repair LF. \_\_\_\_\_ Galvanic Anodes? \_\_\_\_\_

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

## 

	Inventory	Operational
Current	110.47	110.00
Calculated Date: 5/24/2013	HS 17	HS 29
After		
Completed by Bridge Designer		

	Туре	Owner and Contact Information	Size	Opening at Abutment	Weight	Pressure
⊠ <i>′</i>	•	dge railing deficient? lo If Yes – Replacement Rail Type: 42SS	-			J
□ <i>′</i>	18. Drains to be: ☐ Raised	☐ Closed ☐ Downspouted [	⊒ New			
⊠ ′		ined on bridge during work? lo If Yes – Include sketches				
⊠ 2	20. Will guard rail ⊠ Yes □ N	be attached?  In the second of				
⊠ 2		e performed eliminate all deficiencies? lo If No – Explain:				
⊠ 2	22. Hazardous waste (asbestos) to be removed?  ☐ Yes ☐ No If Yes – Explain:					
⊠ 2	23. Wing location	(s) for surface drain anchors: Possible corners				
⊠ 2		lo If Yes – Explain on Page 4 , color system, containment, bid items)				
⊠ 2	25. Desired roadway width: (new deck / widening) 40 Ft.  Desired sidewalk clear width: Left: Ft. Right: Ft.					
⊠ 2	26. Maximum increase in grade line elevation <u>0</u> In.					
⊠ 2	27. Benchmark description to be shown					
⊠ 2	28. Desired final cross slopes on bridge 0.02 Ft./Ft.					
	<ul> <li>29. Underwater Inspection Report including:</li> <li>Streambed Cross Section With Pier, Footing and Seal Elevations</li> <li>Pier Elevation Drawings</li> <li>Pier Layout</li> <li>Hydrographic Survey</li> </ul>					
	30. Slope stabiliza Type: Slope:	ation, provide: CY. _ Ft./Ft. Fill: CY.				
	•	CY.				

$\boxtimes$	32.	Report submitted with Preliminary Plan requires <b>no</b> 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 <b>before</b> 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 bearings in kind at both abutments, provide new 42SS parapet, miscellaneous concrete repair. No widening, deck width to remain the same.

Bridge will be open to traffic while construction takes place. Traffic will be maintained on the structure during construction by reducing traffic to one lane during each stage. The redeck being completed in two stages, the first 18 feet wide, and the second 22 feet wide.

Deficient areas consist of the deck, wings and bearing under abutment joints.

Fixed at south pier, expansion at south abutment, north pier and north abutment.

No utilities are known to exist on the bridge.

No drains on existing bridge deck.

No widening of the deck will take place.

The beam guard at the south end of the structure will be reconstructed to current standards.

Asbestos reports are in the process of being completed by a WisDOT subconsultant.