Factor Sheets

Revisions to February 16, 2024, Re-evaluation Highlighted in Blue

WETLANDS Factor Sheet

09-30-2025

Wisconsin Department of Transportation

Alternative: 6-lane modernization	**Preferred:** ☒ **Yes** ☐ **No** ☐ **None identified**	**Project ID:** 1130-63-01

Describe Wetlands

1. **Describe Wetlands Along the Project (a map may be helpful):** See attached table and Appendix A corridor map set.

2. **Describe method for evaluating wetlands along project.**
   - ☒ Wetland delineation. Date completed: **March 2021 & supplemental delineation for salt shed in May 2025**
   - ☒ Interagency wetland determination. Date completed: **May 2023**
   - ☐ Other. Describe and indicate date completed:
   - ☐ Evaluation not necessary or not completed. Explain:

3. **Are any impacted wetlands considered "wetlands with special status" or "ADID wetlands"? Refer to the DNR-DOT Cooperative Agreement Compensatory Wetland Mitigation Attachment for additional information.**
   - ☒ No
   - ☐ Yes:
     - ☐ Advanced Identification Program (ADID) Wetlands
     - ☐ Other – Describe:

4. **List any observed or expected waterfowl and wildlife inhabiting or dependent upon the wetland (List should include both permanent, migratory and seasonal residents):**
   No documented observations. Expected species include birds, fish and aquatic invertebrates.

Describe Work and Anticipated Impacts

5. **Describe proposed work in the wetland(s), e.g., excavation, fill, marsh disposal, temporary impacts, other:**

   To implement the proposed improvements, work in the wetlands is anticipated to include excavation to construct the roadway, placement of fill for roadway embankments, culvert construction and reconstruction/extension, stream realignment, bridge replacements and temporary fill for construction equipment and access. All wetland impacts are shown in **Appendix A** map set.

6. **Wetland Avoidance and Impact Minimization:** [Note: Consideration of avoidance and minimization strategies is required before evaluating compensatory mitigation needs.]
   - A. Wetlands avoided: **3.49 acres**
     1. Describe methods used to avoid the use of wetlands, such as tightening slopes, using a lower level of improvement or placing the roadway on new location, etc.: On the south side of County S, the proposed alignment of Mid Valley Road was moved to avoid an additional wetland. Elsewhere, wetlands were avoided by tightening slopes where wetlands are adjacent to the right-of-way. Since the 2024 Re-evaluation, avoidance of one additional wetland was achieved by refining grading and reconstruction limits.
     2. Indicate the total area of wetlands avoided: 3.49 acres

   - B. Wetlands impacts minimized: **3.88 acres**
     1. Describe methods used to minimize the use of wetlands, such as increasing side slopes, use of retaining

walls, equalizer pipes, upland disposal of hydric soils, etc.:
Throughout the corridor additional avoidance since the 2024 Re-evaluation was achieved through various means: ramp geometry was updated and ditch slopes were tightened to decrease overall footprint and minimize impacts to wetlands. Concrete barrier was lengthened to allow steeper fore slopes. Abutment grading was refined to tighten slopes. In certain locations, the use of guardrail minimized impacts to wetlands because of the locations of utilities. In other locations, changes to the noise barrier and associated grading minimized the impacts to wetlands. As design progresses, opportunities will be sought to further minimize impacts to wetlands by tightening slopes and using retaining walls instead of embankment.

2. Indicate the total area of wetlands saved through minimization: 3.88 acres

7. Erosion control or stormwater management practices which will be used to protect the wetland are described on Factor Sheets, check all that apply:

☐ Erosion Control Factor Sheet completed
☒ Stormwater Factor Sheet completed (see 2024 Re-evaluation)
☐ Neither Factor Sheet will be used, briefly describe measures to be used:

Coordination and Permitting

US Army Corps of Engineers (USACE) Jurisdiction and Section 404 Permit (Clean Water Act):

☐ Not applicable, no impacts anticipated to waters under USACE jurisdiction.
Date of approved jurisdictional determination:
☒ Applicable, impacts anticipated to wetlands under USACE jurisdiction.
Indicate acres of wetlands filled: **54.89** and acres temporarily impacted: **2.06**

Type of 404 permit anticipated:

☒ Individual Section 404 Permit required.

☐ General Permit (GP) required.
Indicate which GP is required:
☐ Transportation Regional General Permit (TRGP; expires 02/19/2028). Permit category:

☐ Nationwide General Permit (NWP). NWP number:

Pre-construction notification (PCN):

☒ Not required. Explain: An Individual Permit is required and a public notice was issued by the agency
☐ Required. Status of PCN:

8. Wisconsin Department of Natural Resources (WDNR) Coordination and Section 401 Water Quality Certification (WQC):

☒ WDNR provided concurrence on the project's wetland delineation. Date received or anticipated: 12/4/2023
☒ 401 WQC anticipated: 12/4/2023

9. Federal Highway Administration (FHWA) Wetland Policy:

☒ Individual wetland finding required. Summarize all practicable measures included in the project to minimize harm to wetlands and explain why there are no practicable alternatives to the proposed action and wetland use:

The following measures have been included in the project's design to minimize harm to wetlands: side slopes have been increased where practicable to pull in toe of slope in wetland areas, the existing median

has been utilized for the additional mainline lane, distances between ramp intersections was reduced, retaining walls were implemented where warranted, length and width of culverts in wetland areas were limited, stormwater ponds were located outside of wetlands where feasible and reconfigured to minimize impacts to wetlands, construction staging areas were limited in areas where wetlands are present and disposal of fill from the project will be restricted to upland areas to avoid additional wetland fill. In addition, roadside ditches would be replaced in-kind throughout the corridor to replace hydraulic function of existing roadside ditches and maintain hydrologic connectivity to larger wetlands complexes adjacent to the corridor but not impacted by the project. Due to the location of the project and wetlands surrounding the project corridor, the project's purpose and need cannot be addressed without impacts to wetlands.

Based upon the above considerations, it is determined that there is no practicable alternative to the proposed construction in wetlands and that the proposed action includes all practicable measures to minimize harm to the wetlands which may result from such use (per FHWA Technical Advisory T6640.8A and Executive Order 11990).

☐ Not applicable, explain:

10. **Section 10 Waters (Rivers and Harbors Act). For navigable waters of the United States (Section 10) indicate which 404 Permit is required:**

☒ No Section 10 waters. Section 10 permit not required.
☐ Section 10 waters present.
- ☐ Individual Permit
- ☐ Nationwide Permit, NWP number:
- ☐ Transportation Regional General Permit, TRGP category:
  Pre-construction notification (PCN):
- ☐ Not required, explain:
- ☐ Required, status of PCN:

Compensation

11. **Describe compensation for unavoidable wetland loss including wetland type, acres of loss, the mitigation ratio to be used, the type and acres of compensation and the Wetland Mitigation Site (if known) where mitigation will occur:**

Wetland impacts for the project requiring mitigation total 70.65 acres of permanent impact. In addition, 5.47 acres of roadside ditch wetlands will be filled, but will not require mitigation as the ditches will be replaced in kind within the roadway where no existing delineated wetlands are present. Temporary impacts to wetlands include areas where vegetation will be disturbed only and the area will revert to wetland in the same location after work is complete. Temporary wetland impacts for the project total 6.60 acres. In addition, Brown County's portion of the South Bridge Connector will result in approximately 0.70 acres of permanent impact, and Brown County will be responsible for wetland mitigation.

Wetland impacts in Outagamie County will be mitigated at the Hope Marsh Phase 2 Mitigation Bank. A total of 58.00 acres of wetland impact will be mitigated at a ratio of 1:1 for a total of 58.00 credits debited from the bank. Wetland types for wetland losses and mitigation are recorded on the Wetland Impact Tracking Form. Wetland impacts in Brown County will be mitigated at the Oneida Mitigation Bank. A total of 12.65 acres of wetland impact will be mitigated by debiting 12.67 credits from the bank.

According to Section 404(b)(1) of the Clean Water Act, wetland compensatory mitigation procedures and sequencing will conform to the USACE and U.S. Environmental Protection Agency (EPA) joint rule on Compensatory Mitigation for Losses of Aquatic Resources (33 CFR Parts 325 and 332; and 40 CFR Part 230; dated

April 10, 2008). Compensatory mitigation will be consistent with the DNR-DOT Cooperative Agreement Compensatory Wetland Mitigation Attachment (August 2025), Wisconsin Mitigation Guidelines Version 2 (June 2025) and USACE, DNR and WisDOT Memorandum of Understanding on Legacy Wetland Mitigation Bank Sites (August 2025).

12. Summarize the coordination to date and that still needs to be completed with USACE, WDNR and other agencies or organizations regarding compensation for unavoidable wetland losses below and indicate where the documentation is located:

Section 401 Water Quality Certification issued on December 4, 2023.
Section 404 Individual Permit issued on February 2, 2024.

Wetland Impacts 1130-64-00

I-41 Mainline: South Terminus to WIS 15 Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-116	Outagamie	S-20, T-21N, R-17E	Map 1	Shallow Marsh (D)	0.100 acre	0.100 acre	0 acre	0.263 acre	0.263 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.041 acre	0.041 acre	0 acre	0 acre	0 acre	0 acre					
Wetland W-D-115	Outagamie	S-20, T-21N, R-17E	Map 1	Wet Meadow (D)	0 acre	0 acre	0 acre	0.010 acre	0.010 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-66	Outagamie	S-20, T-21N, R-17E	Map 1	Wet Meadow (D)	0 acre	0 acre	0 acre	0.028 acre	0.028 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-67	Outagamie	S-20, T-21N, R-17E	Map 1	Wet Meadow (D)	0.110 acre	0.110 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-68	Outagamie	S-20, T-21N, R-17E	Map 1	Wet Meadow (D)	0.008 acre	0.008 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-69	Outagamie	S-20, T-21N, R-17E	Map 1,2	Wet Meadow (D)	0.072 acre	0.072 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-70	Outagamie	S-20, T-21N, R-17E	Map 1,2	Wet Meadow (D)	0.007 acre	0.007 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-71	Outagamie	S-20, T-21N, R-17E	Map 2	Shallow Marsh (D)	0 acre	0 acre	0 acre	0.028 acre	0.028 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.017 acre	0.017 acre		0.009 acre	0.009 acre	0 acre					
Wetland W-C-81	Outagamie	S-20, T-21N, R-17E	Map 2	Shallow Marsh (D)	0 acre	0 acre	0 acre	0.058 acre	0.058 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-12 (Unnamed 5021401)
				Riparian Emergent (D)	0.150 acre	0.154 acre	0.004 acre	0 acre	0 acre	0 acre					
				Total	**0.505 acre**	**0.509 acre**	**0.004 acre**	**0.396 acre**	**0.396 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**		

*Impacts in this classification are limited to existing roadside ditches excavated in and draining dry land that do not carry relatively permanent flow of water. Ditches will be replaced in adjacent, proposed roadside where no existing delineated wetlands are present.

Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

Not included in original jurisdictional determination. Recommended jurisdictional determination shown by presence or absence of green shading.

Red text indicates a change from the 2024 Re-evaluation.

Wetland Impacts 1130-64-00

WIS 15 (Northland Avenue) Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-D-71	Outagamie	S-20, T-21N, R-17E	Map 2	Shallow Marsh (D)	0.084 acre	0.084 acre	0 acre	0.024 acre	0.024 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.027 acre	0.027 acre	0 acre	0 acre	0 acre	0 acre					
				Wooded Swamp (D)	0.011 acre	0.011 acre	0 acre	0 acre	0 acre	0 acre					
Wetland W-D-72	Outagamie	S-20, T-21N, R-17E	Map 2	Riparian Emergent (D)	0.003 acre	0.003 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-12 (Unnamed Stream 5021401)
				Riparian Wooded	0 acre	0 acre		0 acre	0 acre						
				Shallow Marsh (D)	0.009 acre	0.009 acre		0.035 acre	0.035 acre						
				Wet Meadow (D)	0.015 acre	0.015 acre		0 acre	0 acre						
Wetland W-E-51	Outagamie	S-20, T-21N, R-17E	Map 2	Wet Meadow (D)	0.044 acre	0.044 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-81	Outagamie	S-20, T-21N, R-17E	Map 2	Riparian Emergent (D)	0.009 acre	0.009 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Riparian Wooded (D)	0.145 acre	0.145 acre	0 acre	0 acre	0 acre	0 acre					
				Shallow Marsh (D)	0.054 acre	0.054 acre	0 acre	0.272 acre	0.230 acre	-0.042 acre					
				Wet Meadow (D)	0.084 acre	0.084 acre	0 acre	0.006 acre	0.006 acre	0 acre					
				Wooded Swamp (D)	0.028 acre	0.028 acre	0 acre	0 acre	0 acre	0 acre					
Wetland W-D-83	Outagamie	S-20, T-21N, R-17E	Map 2	Shallow Marsh (D)	0.087 acre	0.087 acre	0 acre	0.057 acre	0.057 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.050 acre	0.050 acre		0.102 acre	0.102 acre	0 acre					
Wetland W-D-73	Outagamie	S-20, T-21N, R-17E	Map 2	Wet Meadow (D)	0.016 acre	0.016 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-82	Outagamie	S-20, T-21N, R-17E	Map 2	Wet Meadow (D)	0.051 acre	0.051 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-81	Outagamie	S-20, T-21N, R-17E	Map 2	Shallow Marsh (D)	0.044 acre	0.044 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.037 acre	0.037 acre									
Wetland W-D-74	Outagamie	S-20, T-21N, R-17E	Map 2	Wet Meadow (D)	0.030 acre	0.030 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-75	Outagamie	S-20, T-21N, R-17E	Map 2	Wet Meadow (D)	0.053 acre	0.053 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-78	Outagamie	S-20, T-21N, R-17E	Map 2	Shallow Marsh (D)	0.004 acre	0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Shrub Scrub (D)	0.031 acre	0.031 acre	0 acre								
Wetland W-W-81	Outagamie	S-17, T-21N, R-17E	Map 2	Wet Meadow (D)	0.042 acre	0.042 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	

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Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

Not included in original jurisdictional determination. Recommended jurisdictional determination shown by presence or absence of green shading.

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Wetland Impacts 1130-64-00

WIS 15 (Northland Avenue) Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-D-64	Outagamie	S-17, T-21N, R-17E	Map 2	Shallow Marsh (D)	0.597 acre	0.597 acre	0 acre	0 acre	0 acre	0 acre	0acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow	0.810 acre	0.810 acre									
				Wet Meadow (D)	0.490 acre	0.490 acre									
Wetland W-D-84	Outagamie	S-17, T-21N, R-17E	Map 2	Shallow Marsh (D)	1.743 acre	1.743 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.772 acre	0.772 acre									
Wetland W-D-85	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.271 acre	0.271 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.064 acre	0.064 acre									
Wetland W-C-76	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.648 acre	0.648 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.030 acre	0.030 acre	0 acre	0.133 acre	0.133 acre	0 acre					
Wetland W-E-50	Outagamie	S-17, T-21N, R-17E	Map 3	Wet Meadow (D)	0.359 acre	0.359 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-112	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.094 acre	0.094 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0 acre	0 acre									
				Total	**6.836 acre**	**6.836 acre**	**0 acre**	**0.629 acre**	**0.587 acre**	**-0.042 acre**	**0 acre**	**0 acre**	**0 acre**		

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Wetland Impacts 1130-64-00

I-41 Mainline: WIS 15 Interchange to WIS 47 Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-C-75	Outagamie	S-17, T-21N, R-17E	Map 2	Wet Meadow (D)	0.002 acre	0.002 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-76	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.108 acre	0.108 acre	0 acre	0.203 acre	0.203 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.024 acre	0.024 acre	0 acre	0 acre	0 acre	0 acre					
Wetland W-E-50	Outagamie	S-17, T-21N, R-17E	Map 3	Wet Meadow (D)	0.156 acre	0.156 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-112	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.036 acre	0.036 acre	0 acre	0.156 acre	0.156 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0 acre	0 acre		0.031 acre	0.031 acre	0 acre					
Wetland W-K-10	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.009 acre	0.009 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-K-11	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.014 acre	0.014 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-K-12	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.014 acre	0.014 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-110	Outagamie	S-17, T-21N, R-17E	Map 3	Shallow Marsh (D)	0.117 acre	0.117 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.161 acre	0.161 acre	0 acre								
Wetland W-C-109	Outagamie	S-17, T-21N, R-17E	Map 3	Wet Meadow (D)	0.011 acre	0.011 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-63	Outagamie	S-17, T-21N, R-17E	Map 3, 4	Shallow Marsh (D)	0.349 acre	0.349 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.487 acre	0.487 acre									
Wetland W-A-109	Outagamie	S-17, 16 T-21N, R-17E	Map 4	Wet Meadow (D)	0.226 acre	0.226 acre	0 acre	0.077 acre	0.077 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Shrub Scrub (D)	0.024 acre	0.015 acre	-0.009 acre	0 acre	0 acre	0 acre					
				Shallow Marsh (D)	0.084 acre	0.084 acre	0 acre	0.025 acre	0.025 acre	0 acre					
Wetland W-E-49	Outagamie	S-16, T-21N, R-17E	Map 4	Wet Meadow (D)	0.052 acre	0.052 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-108	Outagamie	S-16, T-21N, R-17E	Map 4	Wet Meadow (D)	0.087 acre	0.087 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-61	Outagamie	S-16, T-21N, R-17E	Map 4	Wet Meadow (D)	0.106 acre	0.106 acre	0 acre	0.030 acre	0.030 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-62	Outagamie	S-16, T-21N, R-17E	Map 4	Riparian Emergent (D)	0.016 acre	0.016 acre	0 acre	0 acre	0 acre	0 acre	0.004 acre	0.004 acre	0 acre	☒ Yes ☐ No	Waterway S-A-11 (Unnamed 5021372)
				Riparian Wooded (D)	0.022 acre	0.022 acre					0.004 acre	0.004 acre			
				Wet Meadow (D)	0.004 acre	0.004 acre					0 acre	0 acre			

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I-41 Mainline: WIS 15 Interchange to WIS 47 Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-106	Outagamie	S-16, T-21N, R-17E	Map 5	Riparian Emergent (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.011 acre	0.011 acre	0 acre	☒ Yes ☐ No	Waterway S-A-11 (Unnamed 5021372)
				Riparian Wooded (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.016 acre	0.016 acre			
				Shallow Marsh (D)	0.140 acre	0.140 acre	0 acre	0.172 acre	0.172 acre	0 acre	0 acre	0 acre			
				Shrub Scrub (D)	0.067 acre	0.067 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre			
				Wet Meadow	0.100 acre	0.100 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre			
				Wet Meadow (D)	0.193 acre	0.193 acre	0 acre	0.148 acre	0.148 acre	0 acre	0.046 acre	0.046 acre			
Wetland W-D-60	Outagamie	S-16, T-21N, R-17E	Map 5	Shallow Marsh (D)	0.166 acre	0.166 acre	0 acre	0.040 acre	0.040 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Shrub Scrub (D)	0.018 acre	0.021 acre	0.003 acre	0 acre	0 acre	0 acre					
				Wet Meadow (D)	0.039 acre	0.037 acre	-0.002 acre	0.150 acre	0.150 acre	0 acre					
Wetland W-E-48	Outagamie	S-16, T-21N, R-17E	Map 5	Wet Meadow (D)	0.125 acre	0.123 acre	-0.002 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-59	Outagamie	S-16, T-21N, R-17E	Map 5	Shallow Marsh (D)	0.004 acre	0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-47	Outagamie	S-16, T-21N, R-17E	Map 5	Wet Meadow (D)	0.039 acre	0.039 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-105	Outagamie	S-16, T-21N, R-17E	Map 5	Wet Meadow (D)	0.041 acre	0.041 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-46	Outagamie	S-15, T-21N, R-17E	Map 5	Wet Meadow (D)	0.011 acre	0.011 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-104	Outagamie	S-15, T-21N, R-17E	Map 5,6	Shallow Marsh (D)	0.021 acre	0.021 acre	0 acre	0.144 acre	0.144 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Shrub Scrub (D)	0 acre	0 acre	0 acre	0.060 acre	0.060 acre	0 acre	0 acre	0 acre	0 acre		
				Wet Meadow (D)	0 acre	0 acre	0 acre	0.019 acre	0.019 acre	0 acre	0.01 acre	0 acre	-0.01 acre		
Wetland W-D-58	Outagamie	S-15, T-21N, R-17E	Map 5	Wet Meadow (D)	0.109 acre	0.109 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-45	Outagamie	S-15, T-21N, R-17E	Map 5,6	Wet Meadow (D)	0.028 acre	0.028 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-57	Outagamie	S-15, T-21N, R-17E	Map 6	Shallow Marsh (D)	0.044 acre	0.044 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-44	Outagamie	S-15, T-21N, R-17E	Map 6	Wet Meadow (D)	0.038 acre	0.038 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-43	Outagamie	S-15, T-21N, R-17E	Map 6	Wet Meadow (D)	0.117 acre	0.117 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-56	Outagamie	S-15, T-21N, R-17E	Map 6	Riparian Emergent (D)	0.006 acre	0.006 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Unnamed Stream 5020911
				Shallow Marsh (D)	0.951 acre	0.921 acre	-0.030 acre				0.011 acre	0.011 acre			
				Wet Meadow (D)	0.031 acre	0.031 acre	0 acre				0 acre	0 acre			

*Impacts in this classification are limited to existing roadside ditches excavated in and draining dry land that do not carry relatively permanent flow of water. Ditches will be replaced in adjacent, proposed roadside where no existing delineated wetlands are present.

Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

Not included in original jurisdictional determination. Recommended jurisdictional determination shown by presence or absence of green shading.

Red text indicates a change from the 2024 Re-evaluation.

Wetland Impacts 1130-64-00

I-41 Mainline: WIS 15 Interchange to WIS 47 Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-101	Outagamie	S-15, T-21N, R-17E	Map 6	Riparian Emergent (D)	0.046 acre	0.009 acre	-0.037 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Unnamed Stream 5020911
				Shallow Marsh (D)	0.065 acre	0.032 acre	-0.033 acre	0.176 acre	0.176 acre	0 acre	0 acre	0 acre	0 acre		
				Wet Meadow (D)	0.106 acre	0.105 acre	-0.001 acre	0.116 acre	0.207 acre	-0.091 acre	0.001 acre	0.001 acre	0 acre		
				Total	**4.614 acre**	**4.503 acre**	**-0.111 acre**	**1.547 acre**	**1.638 acre**	**0.091 acre**	**0.103 acre**	**0.093 acre**	**-0.010 acre**		

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Wetland Impacts 1130-64-00

WIS 47 (Richmond Street) Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-42	Outagamie	S-15, T-21N, R-17E	Map 6	Wet Meadow (D)	0.348 acre	0.348 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-56	Outagamie	S-15, T-21N, R-17E	Map 6	Shallow Marsh (D)	0.263 acre	0.263 acre	0 acre	0 acre	0 acre	0 acre	0.140 acre	0 acre	-0.140 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.032 acre	0.032 acre	0 acre								
Wetland W-A-101	Outagamie	S-15, T-21N, R-17E	Map 6	Wet Meadow (D)	0.036 acre	0.044 acre	0.008 acre	0.336 acre	0.247 acre	-0.089 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-53	Outagamie	S-15, T-21N, R-17E	Map 6,7	Shallow Marsh (D)	0.122 acre	0.122 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.038 acre	0.038 acre	0 acre								
Wetland W-E-41	Outagamie	S-15, T-21N, R-17E	Map 6,7	Wet Meadow (D)	0.070 acre	0.070 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-102	Outagamie	S-15, T-21N, R-17E	Map 7	Wet Meadow (D)	0.068 acre	0.068 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-55	Outagamie	S-15, T-21N, R-17E	Map 7	Wet Meadow (D)	0.032 acre	0.032 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-54	Outagamie	S-15, T-21N, R-17E	Map 7	Wet Meadow (D)	0.018 acre	0.018 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-52	Outagamie	S-15, T-21N, R-17E	Map 7	Shallow Marsh (D)	0.036 acre	0.036 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-49	Outagamie	S-14, T-21N, R-17E	Map 7	Wet Meadow (D)	0.154 acre	0.154 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-48	Outagamie	S-14, T-21N, R-17E	Map 7	Wet Meadow (D)	0.002 acre	0.002 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-40	Outagamie	S-14, T-21N, R-17E	Map 7	Wet Meadow (D)	0.098 acre	0.098 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-103	Outagamie	S-14, T-21N, R-17E	Map 7	Wet Meadow (D)	0.183 acre	0.183 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-100	Outagamie	S-14, T-21N, R-17E	Map 7	Wet Meadow (D)	0.062 acre	0.062 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-47	Outagamie	S-14, T-21N, R-17E	Map 7	Shallow Marsh (D)	0.300 acre	0.213 acre	-0.087 acre	0 acre	0 acre	0 acre	0.011 acre	0 acre	-0.011 acre	☐ Yes ☒ No	
Wetland W-A-99	Outagamie	S-14, T-21N, R-17E	Map 7	Wet Meadow (D)	0 acre	0.029 acre	0.029 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-98	Outagamie	S-14, T-21N, R-17E	Map 7	Riparian Emergent (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-9 (Unnamed Stream 5021184)
				Shallow Marsh (D)	0.098 acre	0.017 acre	-0.081								
				Wet Meadow (D)	0 acre	0 acre	0 acre								
				Total	**1.960 acre**	**1.829 acre**	**-0.131 acre**	**0.336 acre**	**0.247 acre**	**-0.089 acre**	**0.151 acre**	**0 acre**	**-0.151 acre**		

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Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

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Wetland Impacts 1130-64-00

I-41 Mainline: WIS 47 Interchange to County E Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-D-47	Outagamie	S-14, T-21N, R-17E	Map 7,8	Shallow Marsh (D)	0.545 acre	0.644 acre	0.099 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-38	Outagamie	S-14, T-21N, R-17E	Map 7	Wet Meadow (D)	0.039 acre	0.039 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-98	Outagamie	S-14, T-21N, R-17E	Map 7,8	Riparian Emergent (D)	0.078 acre	0.078 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-D-3 (Unnamed Stream 5021184)
				Shallow Marsh (D)	0.127 acre	0.155 acre	0.028 acre								
				Wet Meadow (D)	1.050 acre	0.987 acre	-0.063 acre								
Wetland W-E-37	Outagamie	S-14, T-21N, R-17E	Map 8	Wet Meadow (D)	0.142 acre	0.142 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-36	Outagamie	S-14, T-21N, R-17E	Map 8	Wet Meadow (D)	0.041 acre	0.041 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**2.022 acre**	**2.086 acre**	**0.064 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**		

*Impacts in this classification are limited to existing roadside ditches excavated in and draining dry land that do not carry relatively permanent flow of water. Ditches will be replaced in adjacent, proposed roadside where no existing delineated wetlands are present.

Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

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Wetland Impacts 1130-65-00

I-41 Mainline: WIS 47 Interchange to County E Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-D-47	Outagamie	S-14, T-21N, R-17E	Map 7,8	Shallow Marsh (D)	0.255 acre	0.255 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.040 acre	0.041 acre	0.001 acre				0 acre	0.016 acre	0.016 acre		
Wetland W-A-98	Outagamie	S-14, T-21N, R-17E	Map 7,8	Riparian Emergent (D)	0.228 acre	0.228 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-D-3 (Unnamed Stream 5021184)
				Shallow Marsh (D)	0.003 acre	0.003 acre	0 acre								
				Wet Meadow (D)	0.105 acre	0.105 acre	0 acre								
Wetland W-E-36	Outagamie	S-14, T-21N, R-17E	Map 8	Wet Meadow (D)	0.117 acre	0.117 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-46	Outagamie	S-13, T-21N, R-17E	Map 8	Riparian Emergent (D)	0.072 acre	0.066 acre	-0.006 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-D-3 (Unnamed Stream 5021184)
				Shallow Marsh (D)	0.447 acre	0.447 acre	0 acre								
				Wet Meadow (D)	0.326 acre	0.302 acre	-0.024 acre								
Wetland W-D-35	Outagamie	S-13, T-21N, R-17E	Map 8	Wet Meadow (D)	0.129 acre	0.129 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-50	Outagamie	S-13, T-21N, R-17E	Map 8	Riparian Emergent (D)	0.331 acre	0.164 acre	-0.167 acre	0 acre	0 acre	0 acre	0 acre	0.036 acre	0.036 acre	☒ Yes ☐ No	Waterway S-D-3 (Unnamed Stream 5021184)
				Riparian Wooded (D)	0.001 acre	0.005 acre	0.004 acre				0 acre	0 acre	0 acre		
				Shallow Marsh (D)	0.660 acre	0.660 acre	0 acre				0 acre	0 acre	0 acre		
				Wet Meadow (D)	0.334 acre	0.334 acre	0 acre				0.053 acre	0 acre	-0.053 acre		
Wetland W-E-34	Outagamie	S-13, T-21N, R-17E	Map 9	Wet Meadow (D)	0.193 acre	0.193 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-33	Outagamie	S-13, T-21N, R-17E	Map 9	Wet Meadow (D)	0.074 acre	0.074 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**3.315 acre**	**3.123 acre**	**-0.192 acre**	**0 acre**	**0 acre**	**0 acre**	**0.053 acre**	**0.052 acre**	**-0.001 acre**		

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Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

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Wetland Impacts 1130-65-00

County E Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-D-50	Outagamie	S-13, T-21N, R-17E	Map 9	Shallow Marsh (D)	0.333 acre	0.333 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-D-3 (Unnamed 5021184)
				Wet Meadow (D)	0.131 acre	0.149 acre	0.018 acre								
Wetland W-E-33	Outagamie	S-13, T-21N, R-17E	Map 9	Wet Meadow (D)	0.281 acre	0.281 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-119	Outagamie	S-13, T-21N, R-17E	Map 9	Shallow Marsh (D)	0.038 acre	0.041 acre	0.003 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	(Unnamed 5021184)
				Shrub Scrub (D)	0.182 acre	0.182 acre	0 acre								
				Wet Meadow (D)	0.045 acre	0.045 acre	0 acre								
Wetland W-D-45	Outagamie	S-13, T-21N, R-17E	Map 10	Shallow Marsh (D)	0.037 acre	0.086 acre	0.049 acre	0 acre	0 acre	0 acre	0.069 acre	0 acre	-0.069 acre	☒ Yes ☐ No	Local Water 125000
				Shrub Scrub (D)	0.369 acre	0.455 acre	0.086 acre				0.086 acre		-0.086 acre		
				Wet Meadow (D)	0.364 acre	0.550 acre	0.186 acre				0.181 acre		-0.181 acre		
Wetland W-A-97	Outagamie	S-13, T-21N, R-17E	Map 10	Shallow Marsh (D)	0 acre	0.097 acre	0.097 acre	0 acre	0 acre	0 acre	0.097 acre	0 acre	-0.097 acre	☐ Yes ☒ No	
Wetland W-D-51	Outagamie	S-13, T-21N, R-17E	Map 10	Shallow Marsh (D)	0.008 acre	0.215 acre	0.207 acre	0 acre	0 acre	0 acre	0.207 acre	0 acre	-0.207 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.120 acre	0.148 acre	0.028 acre				0.028 acre	0 acre	-0.028 acre		
Wetland W-A-95	Outagamie	S-18, T-21N, R-18E	Map 10	Wet Meadow (D)	0.900 acre	0.900 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Local Water 125000
				Shallow Marsh (D)	0.426 acre	0.387 acre	-0.039 acre								
Wetland W-A-96	Outagamie	S-18, T-21N, R-18E	Map 10	Shallow Marsh (D)	0.012 acre	0.077 acre	0.065 acre	0 acre	0 acre	0 acre	0.064 acre	0 acre	-0.064 acre	☐ Yes ☒ No	
Wetland W-D-33	Outagamie	S-18, T-21N, R-18E	Map 10	Shallow Marsh (D)	0.126 acre	0.149 acre	0.023 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-32	Outagamie	S-18, T-21N, R-18E	Map 10	Wet Meadow (D)	0.248 acre	0.248 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-34	Outagamie	S-18, T-21N, R-18E	Map 10	Riparian Emergent (D)	0.025 acre	0.025 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-D-2
				Shallow Marsh (D)	0.719 acre	0.820 acre	0.101 acre	0 acre	0 acre	0 acre	0.101 acre		-0.101 acre		
				Total	**4.364 acre**	**5.188 acre**	**0.824 acre**	**0 acre**	**0 acre**	**0 acre**	**0.833 acre**	**0 acre**	**-0.833 acre**		

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Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

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Wetland Impacts 1130-65-00

WIS 441 Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-95	Outagamie	S-18, T-21N, R-18E	Map 10	Riparian Emergent (D)	0.028 acre	0.002 acre	-0.026 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-14
				Shallow Marsh (D)	0.650 acre	0.696 acre	0.046 acre				0.073 acre	0.061 acre	-0.012 acre		
				Wet Meadow (D)	0.121 acre	0.019 acre	-0.102 acre				0 acre	0 acre	0 acre		
Wetland W-E-31	Outagamie	S-18, T-21N, R-18E	Map 10	Wet Meadow (D)	0.058 acre	0.058 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-35	Outagamie	S-18, T-21N, R-18E	Map 10	Wet Meadow (D)	0.008 acre	0.008 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-30	Outagamie	S-18, T-21N, R-18E	Map 10,11	Wet Meadow (D)	0.053 acre	0.053 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-36	Outagamie	S-18, T-21N, R-18E	Map 10,11	Shallow Marsh (D)	0.660 acre	0.655 acre	-0.005 acre	0.113 acre	0.105 acre	-0.008 acre	0.032 acre	0 acre	-0.032 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.251 acre	0.254 acre	0.003 acre	0 acre	0 acre	0 acre	0.014 acre	0 acre	-0.014 acre		
Wetland W-E-29	Outagamie	S-18, T-21N, R-18E	Map 11	Wet Meadow (D)	0.241 acre	0.241 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-94	Outagamie	S-18, T-21N, R-18E	Map 11	Shallow Marsh (D)	0.308 acre	0.308 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.765 acre	0.354 acre	-0.411 acre				0.397 acre	0.807 acre	0.410 acre		
Wetland W-A-93	Outagamie	S-18, T-21N, R-18E	Map 11	Shallow Marsh (D)	1.043 acre	1.043 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.132 acre	0.132 acre	0 acre								
Wetland W-A-73	Outagamie	S-18, T-21N, R-18E	Map 11	Shallow Marsh (D)	0.113 acre	0.113 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.134 acre	0.134 acre									
Wetland W-A-74	Outagamie	S-18, T-21N, R-18E	Map 11	Shallow Marsh (D)	0.137 acre	0.137 acre	0 acre	0.016 acre	0.016 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0 acre	0 acre	0 acre	0.010 acre	0.010 acre	0 acre					
Wetland W-A-85	Outagamie	S-18, T-21N, R-18E	Map 11	Deep Marsh (D)	0.011 acre	0.006 acre	-0.005 acre	0 acre	0 acre	0 acre	0.043 acre	0 acre	-0.043 acre	☒ Yes ☐ No	Waterway S-A-17 (Unnamed Stream 5021265)
				Riparian Emergent (D)	0.229 acre	0.223 acre	-0.006 acre	0 acre	0 acre	0 acre	0.022 acre	0 acre	-0.022 acre		
				Shallow Marsh (D)	0.212 acre	0.184 acre	-0.028 acre	0.057 acre	0.057 acre	0 acre	0 acre	0 acre	0 acre		
Wetland W-A-71	Outagamie	S-18, T-21N, R-18E	Map 11	Wet Meadow (D)	0.596 acre	0.596 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-28	Outagamie	S-18, T-21N, R-18E	Map 11	Wet Meadow (D)	0.122 acre	0.122 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-59	Outagamie	S-17, T-21N, R-18E	Map 11	Shallow Marsh (D)	1.115 acre	1.09 acre	-0.025 acre	0 acre	0 acre	0 acre	0.048 acre	0.023 acre	-0.025 acre	☒ Yes ☐ No	Local Water 125000

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Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

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Wetland Impacts 1130-65-00

WIS 441 Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-27	Outagamie	S-17, T-21N, R-18E	Map 11	Shallow Marsh (D)	0.098 acre	0.098 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.272 acre	0.272 acre	0 acre								
Wetland W-C-45	Outagamie	S-17, T-21N, R-18E	Map 11	Riparian Emergent (D)	1.278 acre	1.288 acre	0.01 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Local Water 125000
				Shallow Marsh (D)	0.005 acre	0.005 acre	0 acre								
				Wet Meadow (D)	0.081 acre	0.081 acre	0 acre								
Wetland W-W-45	Outagamie	S-17, T-21N, R-18E	Map 11	Shallow Marsh (D)	0.046 acre	0.007 acre	-0.039 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-81	Outagamie	S-17, T-21N, R-18E	Map 11	Shallow Marsh (D)	0.041 acre	0.036 acre	-0.005 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-79	Outagamie	S-17, T-21N, R-18E	Map 11	Shallow Marsh (D)	0.331 acre	0.372 acre	0.041 acre	0.015 acre	0 acre	-0.015 acre	0 acre	0.084 acre	0.084 acre	☒ Yes ☐ No	Waterway S-E-6
Wetland W-E-26	Outagamie	S-17, T-21N, R-18E	Map 14	Wet Meadow (D)	0.046 acre	0.046 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**9.185 acre**	**8.633 acre**	**-0.552 acre**	**0.211 acre**	**0.188 acre**	**-0.023 acre**	**0.629 acre**	**0.975 acre**	**0.346 acre**		

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Wetland Impacts 1130-65-00

WIS 441 Mainline: I-41 to County OO

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-74	Outagamie	S-18, T-21N, R-18E	Map 11,12	Shallow Marsh (D)	0.018 acre	0.018 acre	0 acre	0.016 acre	0.016 acre	0 acre	0 acre	0.006 acre	0.006 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.113 acre	0.113 acre	0 acre	0.046 acre	0.043 acre	-0.003 acre	0 acre	0.029 acre	0.029 acre		
Wetland W-A-85	Outagamie	S-18, T-21N, R-18E	Map 11	Shallow Marsh (D)	0 acre	0 acre	0 acre	0.005 acre	0 acre	-0.005 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)		0 acre	0 acre	0.238 acre	0.276 acre	0.038 acre	0 acre	0.017 acre	0.017 acre		
Wetland W-A-75	Outagamie	S-18, T-21N, R-18E	Map 12	Shallow Marsh (D)	0 acre	0.016 acre	0.016 acre	0 acre	0 acre	0 acre	0.016 acre	0 acre	-0.016 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0 acre	0.004 acre	0.004 acre				0.004 acre	0 acre	-0.004 acre		
Wetland W-A-88	Outagamie	S-18, T-21N, R-18E	Map 12	Wet Meadow (D)	0 acre	0.018 acre	0.018 acre	0 acre	0 acre	0 acre	0.022 acre	0.018 acre	-0.004 acre	☐ Yes ☒ No	
Wetland W-A-87	Outagamie	S-18, T-21N, R-18E	Map 12	Shallow Marsh (D)	0 acre	0.010 acre	0.010 acre	0 acre	0 acre	0 acre	0.010 acre	0 acre	-0.010 acre	☒ Yes ☐ No	Waterway S-A-7 (Unnamed 5021265)
				Wet Meadow (D)	0.013 acre	0.020 acre	0.007 acre				0.047 acre	0.036 acre	-0.011 acre		
Wetland W-A-76	Outagamie	S-19, T-21N, R-18E	Map 12	Wet Meadow (D)	0 acre	0.012 acre	0.012 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**0.144 acre**	**0.211 acre**	**0.067 acre**	**0.305 acre**	**0.335 acre**	**0.03 acre**	**0.099 acre**	**0.106 acre**	**0.007 acre**		

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Wetland Impacts 1130-65-00

I-41 Mainline: WIS 441 Interchange to County N (Segment 65)

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-25	Outagamie	S-17, T-21N, R-18E	Map 14	Wet Meadow (D)	0.050 acre	0.050 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-60	Outagamie	S-17, T-21N, R-18E	Map 14	Wet Meadow (D)	0 acre	0 acre	0 acre	0.030 acre	0.030 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-24	Outagamie	S-17, T-21N, R-18E	Map 14	Wet Meadow (D)	0.247 acre	0.247 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-61	Outagamie	S-17, T-21N, R-18E	Map 14,15	Shallow Marsh (D)	0 acre	0 acre	0 acre	0.508 acre	0.504 acre	-0.004 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-45	Outagamie	S-17, T-21N, R-18E	Map 14	Riparian Emergent (D)	0.637 acre	0.578 acre	-0.059 acre	0 acre	0 acre	0 acre	0 acre	0.059 acre	0.059 acre	☒ Yes ☐ No	Waterway S-C-7 (Local Water 125000)
				Shallow Marsh (D)	0.303 acre	0.303 acre	0 acre				0.051 acre	0.051 acre	0 acre		
				Total	**1.237 acre**	**1.178 acre**	**-0.059 acre**	**0.538 acre**	**0.534 acre**	**-0.004 acre**	**0.051 acre**	**0.110 acre**	**0.059 acre**		

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Wetland Impacts 1130-65-00

Salt Shed

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-01-SS	Outagamie	S-17, T-21N, R-18E	Map 13	Wet Meadow (D)	0 acre	0.260 acre	0.260 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**0 acre**	**0.260 acre**	**0.260 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**		

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Wetland Impacts 1130-66-00

I-41 Mainline: WIS 441 Interchange to County N (Segment 66)

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-24	Outagamie	S-17, T-21N, R-18E	Map 14,15	Wet Meadow (D)	0.322 acre	0.075 acre	-0.247 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-61	Outagamie	S-17, T-21N, R-18E	Map 14,15	Shallow Marsh (D)	0.015 acre	0.149 acre	0.134 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.049 acre	0.053 acre	0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre		
Wetland W-C-45	Outagamie	S-17, T-21N, R-18E	Map 14	Riparian Emergent (D)	0.133 acre	0.027 acre	-0.106 acre	0 acre	0 acre	0 acre	0.166 acre	0.084 acre	-0.082 acre	☒ Yes ☐ No	Waterway S-C-7 (Local Water 125000)
				Shallow Marsh (D)	0.343 acre	0.343 acre	0 acre	0 acre	0 acre	0 acre	0.051 acre	0.019 acre	-0.032 acre		
				Shrub Scrub (D)	0.005 acre	0.005 acre	0 acre	0 acre	0 acre	0 acre	0.185 acre	0.185 acre	0 acre		
Wetland W-C-107	Outagamie	S-16, T-21N, R-18E	Map 15	Wet Meadow (D)	0.002 acre	0.002 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-44	Outagamie	S-16, T-21N, R-18E	Map 15	Riparian Emergent (D)	0.071 acre	0.111 acre	0.040 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-C-7 (Local Water 125000)
				Shallow Marsh (D)	0.721 acre	0.698 acre	-0.023 acre				0.008 acre	0.008 acre			
				Wet Meadow (D)	0.190 acre	0.126 acre	-0.064 acre				0.024 acre	0.024 acre			
Wetland W-E-23	Outagamie	S-16, T-21N, R-18E	Map 15	Wet Meadow (D)	0.037 acre	0.037 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-62	Outagamie	S-16, T-21N, R-18E	Map 15	Riparian Emergent (D)	0.037 acre	0.037 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-C-7 (Local Water 125000)
				Shallow Marsh (D)	0.129 acre	0.129 acre									
				Wet Meadow (D)	0.093 acre	0.093 acre									
Wetland W-C-106	Outagamie	S-16, T-21N, R-18E	Map 15	Shallow Marsh (D)	0 acre	0 acre	0 acre	0.003 acre	0.003 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.008 acre	0.008 acre	0 acre	0 acre	0 acre	0 acre					
Wetland W-E-22	Outagamie	S-16, T-21N, R-18E	Map 15	Wet Meadow (D)	0.172 acre	0.135 acre	-0.037 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-64	Outagamie	S-16, T-21N, R-18E	Map 15	Wet Meadow (D)	0 acre	0 acre	0 acre	0.056 acre	0.056 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-21	Outagamie	S-16, T-21N, R-18E	Map 15	Wet Meadow (D)	0.133 acre	0.133 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-65	Outagamie	S-16, T-21N, R-18E	Map 15	Wet Meadow (D	0.104 acre	0.104 acre	0 acre	0.088 acre	0.088 acre	0 acre	0.052 acre	0.052 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-104	Outagamie	S-16, T-21N, R-18E	Map 15	Wet Meadow (D)	0 acre	0 acre	0 acre	0.007 acre	0.007 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-62	Outagamie	S-16, T-21N, R-18E	Map 15,16	Wet Meadow (D)	0.025 acre	0.025 acre	0 acre	0 acre	0 acre	0 acre	0.034 acre	0.034 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-105	Outagamie	S-16, T-21N, R-18E	Map 15,16	Wet Meadow (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.008 acre	0.008 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-43	Outagamie	S-16, T-21N, R-18E	Map 15,16	Shallow Marsh (D)	0.058 acre	0.058 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	

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Wetland Impacts 1130-66-00

I-41 Mainline: WIS 441 Interchange to County N (Segment 66)

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-66	Outagamie	S-16, T-21N, R-18E	Map 15,16	Wet Meadow (D)	0 acre	0 acre	0 acre	0.112 acre	0.112 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Shallow Marsh (D)				0.029 acre	0.029 acre	0 acre					
Wetland W-E-20	Outagamie	S-16, T-21N, R-18E	Map 16	Wet Meadow (D)	0.051 acre	0.051 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Total					**2.698 acre**	**2.399 acre**	**-0.299 acre**	**0.295 acre**	**0.295 acre**	**0 acre**	**0.528 acre**	**0.414 acre**	**-0.114 acre**		

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Wetland Impacts 1130-66-00

County N Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-20	Outagamie	S-16, T-21N, R-18E	Map 16	Wet Meadow (D)	0.006 acre	0.006 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-42	Outagamie	S-16, T-21N, R-18E	Map 16	Shallow Marsh (D)	0.169 acre	0.169 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Local Water 125000
Wetland W-A-68	Outagamie	S-16, T-21N, R-18E	Map 16	Shallow Marsh (D)	0.080 acre	0.080 acre	0 acre	0.205 acre	0.205 acre	0 acre	0.002 acre	0.002 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0 acre	0 acre	0 acre	0.024 acre	0.024 acre	0 acre	0 acre	0 acre	0 acre		
Wetland W-E-19	Outagamie	S-16, T-21N, R-18E	Map 16	Wet Meadow (D)	0.277 acre	0.277 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-41	Outagamie	S-16, T-21N, R-18E	Map 16	Shallow Marsh (D)	0.388 acre	0.351 acre	-0.037 acre	0 acre	0 acre	0 acre	0.229 acre	0.266 acre	0.037 acre	☐ Yes ☒ No	
Wetland W-D-40	Outagamie	S-16, T-21N, R-18E	Map 16	Shallow Marsh (D)	0.124 acre	0.124 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.092 acre	0.092 acre	0 acre				0.090 acre	0.088 acre	-0.002 acre		
Wetland W-A-70	Outagamie	S-16, T-21N, R-18E	Map 16	Shallow Marsh (D)	0.100 acre	0.102 acre	0.002 acre	0 acre	0 acre	0 acre	0.046 acre	0.044 acre	-0.002 acre	☐ Yes ☒ No	
				Shrub Scrub (D)	0 acre	0 acre	0 acre				0.006 acre	0.006 acre	0 acre		
				Wet Meadow (D)	0 acre	0 acre	0 acre				0.009 acre	0.009 acre	0 acre		
Wetland W-D-7	Outagamie	S-15, T-21N, R-18E	Map 16	Shallow Marsh (D)	0.037 acre	0.037 acre	0 acre	0 acre	0 acre	0 acre	0.028 acre	0.028 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.137 acre	0.137 acre	0 acre				0.012 acre	0.012 acre	0 acre		
Wetland W-C-44	Outagamie	S-15, T-21N, R-18E	Map 16	Shallow Marsh (D)	0.268 acre	0.272 acre	0.004 acre	0 acre	0 acre	0 acre	0.258 acre	0.253 acre	-0.005 acre	☐ Yes ☒ No	
Wetland W-D-37	Outagamie	S-15, T-21N, R-18E	Map 16	Shallow Marsh (D)	0.721 acre	0.713 acre	-0.008 acre	0 acre	0 acre	0 acre	0.241 acre	0.248 acre	0.007 acre	☐ Yes ☒ No	
				Deep Marsh (D)	0 acre	0 acre	0 acre				0.030 acre	0.030 acre	0 acre		
Wetland W-E-18	Outagamie	S-15, T-21N, R-18E	Map 16,17	Wet Meadow (D)	0.277 acre	0.277 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-6	Outagamie	S-15, T-21N, R-18E	Map 16,17	Shallow Marsh (D)	0.534 acre	0.594 acre	0.060 acre	0.156 acre	0.171 acre	0.015 acre	0.119 acre	0.048 acre	-0.071 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.130 acre	0.055 acre	-0.075 acre	0.015 acre	0 acre	-0.015 acre	0.134 acre	0.134 acre	0 acre		
Wetland W-E-17	Outagamie	S-15, T-21N, R-18E	Map 17	Wet Meadow (D)	0.104 acre	0.104 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**3.444 acre**	**3.390 acre**	**-0.054 acre**	**0.400 acre**	**0.400 acre**	**0 acre**	**1.204 acre**	**1.168 acre**	**-0.036 acre**		

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Impacts shown in green include roadside ditches that are constructed in and drain only dry land and may be exempt from federal jurisdiction.

Not included in original jurisdictional determination. Recommended jurisdictional determination shown by presence or absence of green shading.

Red text indicates a change from the 2024 Re-evaluation.

Wetland Impacts 1130-66-00

I-41 Mainline: County N to WIS 55

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-B-32	Outagamie	S-15, T-21N, R-18E	Map 17	Wet Meadow (D)	0.025 acre	0.025 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-17	Outagamie	S-15, T-21N, R-18E	Map 17	Wet Meadow (D)	0.104 acre	0.104 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-103	Outagamie	S-15, T-21N, R-18E	Map 17	Wet Meadow (D)	0.029 acre	0.070 acre	0.041 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-102	Outagamie	S-15, T-21N, R-18E	Map 17	Wet Meadow (D)	0.070 acre	0.015 acre	-0.055 acre	0 acre	0 acre	0 acre	0.085 acre	0.085 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-8	Outagamie	S-15, T-21N, R-18E	Map 17	Shallow Marsh (D)	0.181 acre	0.181 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-15	Outagamie	S-15, 14 T-21N, R-18E	Map 17	Wet Meadow (D)	0.692 acre	0.692 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-9	Outagamie	S-15, 14 T-21N, R-18E	Map 17	Shallow Marsh (D)	0.003 acre	0.003 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-10	Outagamie	S-15, T-21N, R-18E	Map 17	Wet Meadow (D)	0.014 acre	0.014 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-11	Outagamie	S-15, T-21N, R-18E	Map 17	Wet Meadow (D)	0.021 acre	0.021 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-12	Outagamie	S-15, T-21N, R-18E	Map 17	Wet Meadow (D)	0.007 acre	0.007 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-8	Outagamie	S-15, 14 T-21N, R-18E	Map 17	Riparian Emergent (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.010 acre	0.010 acre	0 acre	☒ Yes ☐ No	Waterway S-C-3 (Unnamed Stream 5021149)
				Shallow Marsh (D)	0.709 acre	0.715 acre	0.006 acre				0.014 acre	0.011 acre	-0.003 acre		
				Wet Meadow (D)	0.219 acre	0.243 acre	0.024 acre				0.063 acre	0.040 acre	-0.023 acre		
Wetland W-D-13	Outagamie	S-15, T-21N, R-18E	Map 17,18	Shallow Marsh (D)	0.038 acre	0.038 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-14	Outagamie	S-15, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.006 acre	0.006 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-15	Outagamie	S-14, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.049 acre	0.049 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-39	Outagamie	S-14, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.027 acre	0.028 acre	0.001 acre	0 acre	0 acre	0 acre	0.002 acre	0.001 acre	-0.001 acre	☐ Yes ☒ No	
Wetland W-D-16	Outagamie	S-14, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.035 acre	0.037 acre	0.002 acre	0 acre	0 acre	0 acre	0.008 acre	0.006 acre	-0.002 acre	☐ Yes ☒ No	
Wetland W-D-17	Outagamie	S-14, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.032 acre	0.032 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-38	Outagamie	S-14, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.100 acre	0.100 acre	0 acre	0 acre	0 acre	0 acre	0.002 acre	0.002 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-99	Outagamie	S-14, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.019 acre	0.002 acre	-0.017 acre	0 acre	0 acre	0 acre	0.016 acre	0.016 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-100	Outagamie	S-14, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.051 acre	0.051 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	

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Wetland Impacts 1130-66-00

I-41 Mainline: County N to WIS 55

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-C-101	Outagamie	S-14, T-21N, R-18E	Map 18	Shallow Marsh (D)	0.095 acre	0.095 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.190 acre	0.190 acre	0 acre				0.008 acre	0.008 acre	0 acre		
Wetland W-D-18	Outagamie	S-14, T-21N, R-18E	Map 18	Wet Meadow (D)	0.113 acre	0.113 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Shallow Marsh (D)	0.177 acre	0.177 acre	0 acre								
Wetland W-E-14	Outagamie	S-14, T-21N, R-18E	Map 18,19	Wet Meadow (D)	0.236 acre	0.236 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-9	Outagamie	S-14, T-21N, R-18E	Map 18,19	Wet Meadow (D)	0.322 acre	0.334 acre	0.012 acre	0.096 acre	0.096 acre	0 acre	0.265 acre	0.260 acre	-0.005 acre	☒ Yes ☐ No	Waterway S-D-1 (Local Water 124800)
				Shallow Marsh (D)	0 acre	0 acre	0 acre	0.188 acre	0.188 acre	0 acre	0 acre	0 acre	0 acre		
				Riparian Emergent (D)	0 acre	0 acre	0 acre	0.013 acre	0.013 acre	0 acre	0 acre	0 acre	0 acre		
				Total	**3.564 acre**	**3.578 acre**	**0.014 acre**	**0.297 acre**	**0.297 acre**	**0 acre**	**0.473 acre**	**0.439 acre**	**-0.034 acre**		

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Wetland Impacts 1130-66-00

WIS 55 Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-D-19	Outagamie	S-14, T-21N, R-18E	Map 18,19	Shallow Marsh (D)	0 acre	0 acre	0 acre	0.005 acre	0.005 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-D-1 (Local Water 124800)
				Riparian Emergent (D)				0.001 acre	0.001 acre	0 acre					
Wetland W-D-20	Outagamie	S-14, T-21N, R-18E	Map 19	Shallow Marsh (D)	0 acre	0 acre	0 acre	0.022 acre	0.022 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-21	Outagamie	S-14, T-21N, R-18E	Map 19	Shallow Marsh (D)	0 acre	0 acre	0 acre	0.008 acre	0.008 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)				0.013 acre	0.013 acre	0 acre					
Wetland W-E-13	Outagamie	S-14, T-21N, R-18E	Map 19	Wet Meadow (D)	0.348 acre	0.348 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-12	Outagamie	S-14, T-21N, R-18E	Map 19	Wet Meadow (D)	0.115 acre	0.115 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-23	Outagamie	S-14, T-21N, R-18E	Map 19	Wet Meadow (D)	0.002 acre	0.002 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-24	Outagamie	S-14, T-21N, R-18E	Map 19	Shallow Marsh (D)	0.032 acre	0.032 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.014 acre	0.014 acre									
Wetland W-C-42	Outagamie	S-14, T-21N, R-18E	Map 19	Wet Meadow (D)	0.070 acre	0.070 acre	0 acre	0 acre	0 acre	0 acre	0.010 acre	0.099 acre	0.089 acre	☐ Yes ☒ No	
Wetland W-D-30	Outagamie	S-14, T-21N, R-18E	Map 19	Wet Meadow (D)	0.025 acre	0.025 acre	0 acre	0 acre	0 acre	0 acre	0.004 acre	0.004 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-25	Outagamie	S-14, T-21N, R-18E	Map 19	Shallow Marsh (D)	0.043 acre	0.043 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-31	Outagamie	S-14, T-21N, R-18E	Map 19	Wet Meadow (D)	0.007 acre	0.007 acre	0 acre	0acre	0acre	0 acre	0.003 acre	0.003 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-32	Outagamie	S-14, 13, T-21N, R-18E	Map 19	Shallow Marsh (D)	0.001 acre	0.001 acre	0 acre	0 acre	0 acre	0 acre	0.054 acre	0.054 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-27	Outagamie	S-13, T-21N, R-18E	Map 19	Shallow Marsh (D)	0 acre	0.018 acre	0.018 acre	0 acre	0 acre	0 acre	0 acre	0.025 acre	0.025 acre	☐ Yes ☒ No	
Wetland W-A-57	Outagamie	S-13, T-21N, R-18E	Map 19,20	Shallow Marsh (D)	0.551 acre	0.550 acre	-0.001 acre	0 acre	0 acre	0 acre	0.003 acre	0.003 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-58	Outagamie	S-13, T-21N, R-18E	Map 20	Shallow Marsh (D)	0.029 acre	0.029 acre	0 acre	0 acre	0 acre	0 acre	0.042 acre	0.042 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.009 acre	0.009 acre					0 acre	0 acre	0 acre		
Wetland W-E-11	Outagamie	S-13, T-21N, R-18E	Map 19	Shallow Marsh (D)	0.313 acre	0.313 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-43	Outagamie	S-13, T-21N, R-18E	Map 19	Wet Meadow (D)	0.044 acre	0.043 acre	-0.001 acre	0 acre	0 acre	0 acre	0.049 acre	0.049 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-7	Outagamie	S-13, T-21N, R-18E	Map 19	Shallow Marsh (D)	0.311 acre	0.311 acre	0 acre	0 acre	0 acre	0 acre	0.009 acre	0.009 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.084 acre	0.084 acre					0.074 acre	0.074 acre	0 acre		
				Total	**1.998 acre**	**2.014 acre**	**0.016 acre**	**0.049 acre**	**0.049 acre**	**0 acre**	**0.248 acre**	**0.362 acre**	**0.114 acre**		

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Wetland Impacts 1130-66-00

I-41 Mainline: WIS 55 to County J

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-10	Outagamie	S-13,12 T-21N, R-18E	Map 20	Wet Meadow (D)	0.065 acre	0.065 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-56	Outagamie	S-12, T-21N, R-18E	Map 20	Shallow Marsh (D)	0.069 acre	0.069 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-4	Outagamie	S-12, T-21N, R-18E	Map 20	Shallow Marsh (D)	0.046 acre	0.046 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.085 acre	0.085 acre	0 acre								
Wetland W-E-9	Outagamie	S-12, T-21N, R-18E	Map 20	Wet Meadow (D)	0.175 acre	0.175 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-K-2	Outagamie	S-12, T-21N, R-18E	Map 20	Wet Meadow (D)	0.101 acre	0.101 acre	0 acre	0 acre	0 acre	0 acre	0.082 acre	0.082 acre	0 acre		
Wetland W-C-3	Outagamie	S-12, T-21N, R-18E	Map 20	Riparian Emergent (D)	0.014 acre	0.014 acre	0 acre	0 acre	0 acre	0 acre	0.001 acre	0.001 acre	0 acre	☒ Yes ☐ No	Waterway S-C-2 (Unnamed Stream 124700)
				Shallow Marsh (D)	0.510 acre	0.520 acre	0.010 acre				0.039 acre	0.038 acre	-0.001 acre		
				Wet Meadow (D)	0.233 acre	0.232 acre	-0.001 acre				0.003 acre	0.003 acre	0 acre		
Wetland W-A-50	Outagamie	S-12, T-21N, R-18E	Map 20,21	Riparian Emergent (D)	0.006 acre	0.006 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-C-2 (Unnamed Stream 124700)
				Riparian Wooded (D)	0.006 acre	0.006 acre		0 acre	0 acre	0 acre	0.001 acre	0.001 acre	0 acre		
				Shallow Marsh (D)	0.397 acre	0.397 acre		0.116 acre	0.116 acre	0 acre	0.030 acre	0.030 acre	0 acre		
				Wet Meadow (D)	0.030 acre	0.030 acre		0.016 acre	0.016 acre	0 acre	0.022 acre	0.022 acre	0 acre		
				Total	**1.737 acre**	**1.746 acre**	**0.009 acre**	**0.132 acre**	**0.132 acre**	**0 acre**	**0.178 acre**	**0.177 acre**	**-0.001 acre**		

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Wetland Impacts 1130-66-00

County J Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-8	Outagamie	S-12, T-21N, R-18E, R-19E	Map 21	Wet Meadow (D)	0.336 acre	0.336 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.041 acre	0.041 acre	☐ Yes ☒ No	
Wetland W-C-2	Outagamie	S-7, T-21N, R-19E	Map 21	Shallow Marsh (D)	0.296 acre	0.300 acre	0.004 acre	0 acre	0 acre	0 acre	0.066 acre	0.296 acre	0.230 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0 acre	0 acre	0 acre				0.022 acre	0.022 acre	0 acre		
Wetland W-A-49	Outagamie	S-7, T-21N, R-19E	Map 21	Shallow Marsh (D)	0.256 acre	0.256 acre	0 acre	0 acre	0 acre	0 acre	0.034 acre	0.052 acre	0.018 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0 acre	0.009 acre	0.009 acre				0.039 acre	0.031 acre	-0.008 acre		
Wetland W-D-3	Outagamie	S-7, T-21N, R-19E	Map 21	Shallow Marsh (D)	0.232 acre	0.232 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.031 acre	0.031 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.021 acre	0.025 acre	0.004 acre				0.010 acre	0.007 acre	-0.003 acre		
Wetland W-K-3	Outagamie	S-7, T-21N, R-19E	Map 21	Wet Meadow (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.331 acre	0.331 acre	0 acre	☐ Yes ☒ No	
Wetland W-K-4	Outagamie	S-7, T-21N, R-19E	Map 21	Wet Meadow (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.089 acre	0.089 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-7	Outagamie	S-7, T-21N, R-19E	Map 21	Wet Meadow (D)	0.125 acre	0.125 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.024 acre	0.024 acre	☐ Yes ☒ No	
Wetland W-B-30	Outagamie	S-7, T-21N, R-19E	Map 21	Shallow Marsh (D)	0.270 acre	0.268 acre	-0.002 acre	0 acre	0 acre	0 acre	0.002 acre	0.004 acre	0.002 acre	☐ Yes ☒ No	
Wetland W-B-27	Outagamie	S-7, T-21N, R-19E	Map 21	Shallow Marsh (D)	0.498 acre	0.614 acre	0.116 acre	0 acre	0 acre	0 acre	0.295 acre	0.191 acre	-0.104 acre	☒ Yes ☐ No	Waterway S-B-5 (Unnamed Stream 124700)
				Wet Meadow (D)	0.014 acre	0.014 acre	0 acre				0 acre	0 acre	0 acre		
				Riparian Emergent (D)	0 acre	0 acre	0 acre				0.072 acre	0.072 acre	0 acre		
Wetland W-D-1	Outagamie	S-7, T-21N, R-19E	Map 21	Shallow Marsh (D)	0.062 acre	0.053 acre	-0.009 acre	0 acre	0 acre	0 acre	0.097 acre	0.589 acre	0.492 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.041 acre	0.065 acre	0.024 acre				0.103 acre	0.100 acre	-0.003 acre		
Total					**2.151 acre**	**2.297 acre**	**0.146 acre**	**0 acre**	**0 acre**	**0 acre**	**1.160 acre**	**1.880 acre**	**0.720 acre**		

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Wetland Impacts 1130-67-00

US 41 Mainline: County J to County U

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-6	Outagamie	S-7, T-21N, R-19E	Map 20,21	Wet Meadow (D)	0.070 acre	0.070 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-29	Outagamie	S-7, T-21N, R-19E	Map 22	Shallow Marsh (D)	0.055 acre	0.055 acre	0 acre	0 acre	0 acre	0 acre	0.004 acre	0.004 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.241 acre	0.241 acre	0 acre				0.025 acre	0.025 acre	0 acre		
Wetland W-D-94	Outagamie	S-7, T-21N, R-19E	Map 22	Wet Meadow (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.010 acre	0.010 acre	0 acre	☐ Yes ☒ No	
				Shallow Marsh (D)	0.047 acre	0.062 acre	0.015 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre		
Wetland W-E-5	Outagamie	S-7, T-21N, R-19E	Map 22	Wet Meadow (D)	0.118 acre	0.118 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-86	Outagamie	S-7, T-21N, R-19E	Map 22	Shallow Marsh (D)	0.359 acre	0.359 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.024 acre	0.024 acre	0 acre								
Wetland W-D-89	Outagamie	S-7, T-21N, R-19E	Map 22	Wet Meadow (D)	0.004 acre	0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-90	Outagamie	S-7, T-21N, R-19E	Map 22	Wet Meadow (D)	0 acre	0 acre	0 acre	0.001 acre	0.001 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-91	Outagamie	S-7, T-21N, R-19E	Map 22	Wet Meadow (D)	0.009 acre	0.009 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-11	Outagamie	S-8, T-21N, R-19E	Map 22,23	Shallow Marsh (D)	0.072 acre	0.073 acre	0.001 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-98	Outagamie	S-8, T-21N, R-19E	Map 22,23	Wet Meadow (D)	0.549 acre	0.554 acre	0.005 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-38	Outagamie	S-8, T-21N, R-19E	Map 23	Shallow Marsh (D)	0.453 acre	0.453 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.256 acre	0.255 acre	-0.001 acre								
Wetland W-D-4	Outagamie	S-8, T-21N, R-19E	Map 23	Shallow Marsh (D)	0.494 acre	0.214 acre	-0.280 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.121 acre	0.118 acre	-0.003 acre								
Wetland W-D-93	Outagamie	S-8, T-21N, R-19E	Map 23	Shallow Marsh (D)	0.095 acre	0.087 acre	-0.008 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-5	Outagamie	S-8, T-21N, R-19E	Map 23	Shallow Marsh (D)	0.190 acre	0.190 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.186 acre	0.186 acre	0 acre								
		S-5, T-21N, R-19E	Map 23	Shallow Marsh (D)	0.429 acre	0.429 acre	0 acre								
				Wet Meadow (D)	0.557 acre	0.557 acre	0 acre								
Wetland W-D-96	Outagamie	S-5, T-21N, R-19E	Map 23	Shallow Marsh (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.006 acre	0.006 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-3	Outagamie	S-5, T-21N, R-19E	Map 23,24	Wet Meadow (D)	0.713 acre	0.713 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-37	Outagamie	S-5, T-21N, R-19E	Map 23	Riparian Emergent (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.006 acre	0.006 acre	0 acre	☐ Yes ☒ No	

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Not included in original jurisdictional determination. Recommended jurisdictional determination shown by presence or absence of green shading.

Red text indicates a change from the 2024 Re-evaluation.

Wetland Impacts 1130-67-00

US 41 Mainline: County J to County U

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-C-97	Outagamie	S-5, T-21N, R-19E	Map 23	Wet Meadow (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.015 acre	0.015 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-12	Outagamie	S-5, T-21N, R-19E	Map 23	Wet Meadow (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.033 acre	0.033 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-26	Outagamie	S-5, T-21N, R-19E	Map 23	Wet Meadow (D)	0.019 acre	0 acre	-0.019 acre	0 acre	0 acre	0 acre	0.674 acre	0.350 acre	-0.324 acre	☐ Yes ☒ No	
Wetland W-B-25	Outagamie	S-5, T-21N, R-19E	Map 23,24	Shallow Marsh (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.016 acre	0.016 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)		0 acre	0 acre				0.019 acre	0.019 acre	0 acre		
Wetland W-C-121	Outagamie	S-5, T-21N, R-19E	Map 24	Wet Meadow (D)	0.080 acre	0.080 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-39	Outagamie	S-32, T22N, R-19E	Map 25	Wet Meadow (D)	0.001 acre	0.053 acre	0.052 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-41	Outagamie	S-32, T-22N, R-19E	Map 25	Wet Meadow (D)	0.049 acre	0.049 acre	0 acre	0 acre	0 acre	0 acre	0.048 acre	0.051 acre	0.003 acre	☐ Yes ☒ No	
Wetland W-D-97	Outagamie	S-33, T22N, R-19E	Map 25	Shallow Marsh (D)	0.011 acre	0.011 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.010 acre	0.010 acre	0 acre								
Wetland W-D-98	Outagamie	S-33, T-22N, R-19E	Map 25	Shallow Marsh (D)	0.018 acre	0.009 acre	-0.009 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-100	Outagamie	S-33, T-22N, R-19E	Map 25	Shallow Marsh (D)	0 acre	0.011 acre	0.011 acre	0 acre	0 acre	0 acre	0.010 acre	0.010 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.013 acre	0.024 acre	0.011 acre				0.003 acre	0.003 acre	0 acre		
Wetland W-A-36	Outagamie	S-33, T-22N, R-19E	Map 25	Shallow Marsh (D	0.069 acre	0.069 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.040 acre	0.045 acre	0.005 acre								
Wetland W-B-43	Outagamie	S-33, T-22N, R-19E	Map 25	Wet Meadow (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.005 acre	0.005 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-24	Outagamie	S-33, T-22N, R-19E	Map 25	Wet Meadow (D)	0.005 acre	0.005 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-23	Outagamie	S-33, T-22N, R-19E	Map 25	Wet Meadow (D)	0.110 acre	0.113 acre	0.003 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-120	Outagamie	S-33, T-22N, R-19E	Map 25	Wet Meadow (D)	0.192 acre	0.192 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-38	Outagamie	S-33, T-22N, R-19E	Map 25	Wet Meadow (D)	0.004 acre	0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-119	Outagamie	S-33, T-22N, R-19E	Map 25	Wet Meadow (D)	0.118 acre	0.118 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-39	Outagamie	S-33, T-22N, R-19E	Map 25	Shallow Marsh (D)	0.014 acre	0.014 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-22	Outagamie	S-33, T-22N, R-19E	Map 25	Wet Meadow (D)	0 acre	0.036 acre	0.036 acre	0 acre	0 acre	0 acre	0.034 acre	0 acre	-0.034 acre	☐ Yes ☒ No	
Wetland W-B-20	Outagamie	S-33, 28 T-22N, R-19E	Map 26	Wet Meadow (D)	0.052 acre	0.052 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	

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Wetland Impacts 1130-67-00

US 41 Mainline: County J to County U

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-E-2	Outagamie	S-33, 28 T-22N, R-19E	Map 26	Wet Meadow (D)	0.385 acre	0.385 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-21	Outagamie	S-28, T-22N, R-19E	Map 26	Wet Meadow (D)	0.023 acre	0.023 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**6.255 acre**	**6.074 acre**	**-0.181 acre**	**0.001 acre**	**0.001 acre**	**0 acre**	**0.908 acre**	**0.553 acre**	**-0.355 acre**		

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Wetland Impacts 1130-67-00

County U Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-B-19	Outagamie	S-28, T-22N, R-19E	Map 26,27	Wet Meadow (D)	0.169 acre	0.264 acre	0.095 acre	0 acre	0 acre	0 acre	0.108 acre	0 acre	-0.108 acre	☐ Yes ☒ No	
Wetland W-C-13	Outagamie	S-33, T-22N, R-19E	Map 27	Wet Meadow (D)	0.017 acre	0.010 acre	-0.007 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-59	Outagamie	S-28, T-22N, R-19E	Map 26,27	Shallow Marsh (D)	0.495 acre	0.485 acre	-0.01 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-44	Outagamie	S-28, T-22N, R-19E	Map 26	Wet Meadow (D)	0 acre	0.118 acre	0.118 acre	0 acre	0 acre	0 acre	0.146 acre	0 acre	-0.146 acre	☐ Yes ☒ No	
Wetland W-C-118	Outagamie	S-28, T-22N, R-19E	Map 27	Wet Meadow (D)	0.079 acre	0.079 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-25	Outagamie	S-28, T-22N, R-19E	Map 27	Wet Meadow (D)	0.009 acre	0.015 acre	0.006 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-45	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.115 acre	0.126 acre	0.011 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-24	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.063 acre	0.059 acre	-0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-46	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.064 acre	0.064 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-23	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.109 acre	0.172 acre	0.063 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-18	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.058 acre	0.071 acre	0.013 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-17	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0.001 acre	0.001 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-16	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.050 acre	0.052 acre	0.002 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-15	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.101 acre	0.117 acre	0.016 acre	0.035 acre	0.035 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-9	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.189 acre	0.189 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-14	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.033 acre	0.033 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-10	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.023 acre	0.022 acre	-0.001 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-11	Outagamie	S-28, T-22N, R-19E	Map 27	Shallow Marsh (D)	0.024 acre	0.024 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-12	Outagamie	S-28, T-22N, R-19E	Map 27	Wet Meadow (D)	0.254 acre	0.240 acre	-0.014 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-13	Outagamie	S-28, T-22N, R-19E	Map 27	Riparian Emergent (D)	0.010 acre	0.002 acre	-0.008 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-B-4
				Riparian Wooded (D)	0.009 acre	0.001 acre	-0.008 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre		

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Wetland Impacts 1130-67-00

County U Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-C-96	Brown	S-27, T-22N, R-19E	Map 28	Wet Meadow (D)	0.004 acre	0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-8	Brown	S-27, T-22N, R-19E	Map 28	Wet Meadow (D)	0.091 acre	0.099 acre	0.008 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**1.966 acre**	**2.246 acre**	**0.280 acre**	**0.035 acre**	**0.035 acre**	**0 acre**	**0.225 acre**	**0.001 acre**	**-0.254 acre**		

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Wetland Impacts 1130-67-00

US 41 Mainline: County U to County S

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-26	Brown	S-27, T-22N, R-19E	Map 28	Wet Meadow (D)	0.070 acre	0.070 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-E-1	Brown	S-27, T-22N, R-19E	Map 28	Wet Meadow (D)	0.037 acre	0.037 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-7	Brown	S-27, T-22N, R-19E	Map 28	Riparian Emergent (D)	0.023 acre	0.023 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-B-3 (Apple Creek 124100)
Wetland W-A-28	Brown	S-27, T-22N, R-19E	Map 28	Shallow Marsh (D)	0.026 acre	0.026 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.027 acre	0.012 acre	-0.015 acre		0 acre	0 acre		0 acre	0 acre		
Wetland W-B-6	Brown	S-22, T-22N, R-19E	Map 28	Wet Meadow (D)	0.014 acre	0.013 acre	-0.001 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-117	Brown	S-22, T-22N, R-19E	Map 28	Wet Meadow (D)	0.160 acre	0.160 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-5	Brown	S-22, T-22N, R-19E	Map 28,29	Wet Meadow (D)	0.261 acre	0.260 acre	-0.001 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-122	Brown	S-22, T-22N, R-19E	Map 28,29	Wet Meadow (D)	0.019 acre	0.019 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-29	Brown	S-22, T-22N, R-19E	Map 28,29	Wet Meadow (D)	0.011 acre	0.012 acre	0.001 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-30	Brown	S-22,15,14 T-22N, R-19E	Map 30	Shallow Marsh (D)	0.384 acre	0.380 acre	-0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.242 acre	0.231 acre	-0.011 acre		0 acre	0 acre		0 acre	0 acre		
Wetland W-B-4	Brown	S-15,14 T-22N, R-19E	Map 30	Shallow Marsh (D)	0.171 acre	0.213 acre	0.042 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.088 acre	0.131 acre	0.043 acre		0 acre	0 acre		0 acre	0 acre		
Total					**1.533 acre**	**1.587 acre**	**0.054 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**		

*Impacts in this classification are limited to existing roadside ditches excavated in and draining dry land that do not carry relatively permanent flow of water. Ditches will be replaced in adjacent, proposed roadside where no existing delineated wetlands are present.

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Wetland Impacts 1130-68-00

County S Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-B-3	Brown	S-14, T-22N, R-19E	Map 31	Wet Meadow (D)	0.012 acre	0.012 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-2	Brown	S-14, T-22N, R-19E	Map 31	Wet Meadow (D)	0.039 acre	0.039 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-18	Brown	S-14, T-22N, R-19E	Map 31	Riparian Emergent (D)	0.024 acre	0.024 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-3 (Unnamed Stream 123100)
				Riparian Wooded (D)	0.084 acre	0.084 acre	0 acre	0 acre	0 acre	0 acre		0 acre	0 acre		
				Shallow Marsh (D)	0.119 acre	0.119 acre	0 acre	0 acre	0 acre	0 acre		0 acre	0 acre		
Wetland W-B-44	Brown	S-14, T-22N, R-19E	Map 31	Shallow Marsh (D)	0.057 acre	0.057 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.001 acre	0.001 acre	0 acre		0 acre	0 acre		0 acre	0 acre		
Wetland W-B-1	Brown	S-14, T-22N, R-19E	Map 31	Riparian Emergent (D)	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-3 (Unnamed Stream 123100)
				Shallow Marsh (D)	0.040 acre	0.040 acre	0 acre	0 acre	0 acre	0 acre		0 acre	0 acre		
Wetland W-A-34	Brown	S-14, T-22N, R-19E	Map 31	Shallow Marsh (D)	0.027 acre	0.027 acre	0 acre	0 acre	0 acre	0 acre	0.006 acre	0.006 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.014 acre	0.014 acre	0 acre		0 acre	0 acre	0.053 acre	0.053 acre	0 acre		
Wetland W-A-33	Brown	S-14, T-22N, R-19E	Map 31,32	Shallow Marsh (D)	0.089 acre	0.089 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.128 acre	0.128 acre	0 acre		0 acre	0 acre		0 acre	0 acre		
Wetland W-A-31	Brown	S-14, T-22N, R-19E	Map 31,32	Shallow Marsh (D)	0.044 acre	0.044 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.246 acre	0.246 acre	0 acre		0 acre	0 acre		0 acre	0 acre		
Wetland W-C-55	Brown	S-14, T-22N, R-19E	Map 32	Wet Meadow (D)	0.324 acre	0.324 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-56	Brown	S-14, T-22N, R-19E	Map 32	Wet Meadow (D)	0.019 acre	0.019 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-45	Brown	S-11, T-22N, R-19E	Map 32	Wet Meadow (D)	0.348 acre	0.348 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Unnamed Stream 5019660
Wetland W-A-17	Brown	S-11, T-22N, R-19E	Map 32	Riparian Emergent (D)	0.065 acre	0.065 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-3 (Unnamed Streams 123100 and 5019660)
				Wet Meadow (D)	0.105 acre	0.105 acre	0 acre	0 acre	0 acre	0 acre		0 acre	0 acre		
Wetland W-A-18	Brown	S-11, T-22N, R-19E	Map 32	Shallow Marsh (D)	0.389 acre	0.389 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	

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Wetland Impacts 1130-68-00

County S Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-C-115	Brown	S-11, T-22N, R-19E	Map 32	Wet Meadow (D)	0.097 acre	0.097 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-19	Brown	S-11, T-22N, R-19E	Map 32	Shallow Marsh (D)	0.545 acre	0.545 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-20	Brown	S-11, T-22N, R-19E	Map 32	Shallow Marsh (D)	0.044 acre	0.044 acre	0 acre	0 acre	0 acre	0 acre	0.023 acre	0.023 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-21	Brown	S-11, T-22N, R-19E	Map 32	Riparian Emergent (D)	0.011 acre	0.011 acre	0 acre	0 acre	0 acre	0 acre	0.020 acre	0.020 acre	0 acre	☒ Yes ☐ No	Waterway S-A-3 (Unnamed Streams 123100)
				Shallow Marsh (D)	0.013 acre	0.013 acre	0 acre	0 acre	0 acre	0 acre	0.020 acre	0.020 acre	0 acre		
				Wet Meadow	0.040 acre	0.040 acre	0 acre	0 acre	0 acre	0 acre	0.043 acre	0.043 acre	0 acre		
				Wet Meadow (D)	0.100 acre	0.100 acre	0 acre	0 acre	0 acre	0 acre	0.104 acre	0.104 acre	0 acre		
Wetland W-C-116	Brown	S-11, T-22N, R-19E	Map 32	Wet Meadow (D)	0.056 acre	0.056 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-22	Brown	S-11, T-22N, R-19E	Map 32	Wet Meadow (D)	0.028 acre	0.028 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**3.108 acre**	**3.108 acre**	**0.000 acre**	**0 acre**	**0 acre**	**0 acre**	**0.269 acre**	**0.269 acre**	**0 acre**		

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Wetland Impacts 1130-68-00

I-41 Mainline: County S to South Bridge Connector Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-22	Brown	S-1, T-22N, R-19E	Map 32	Shallow Marsh (D)	0.047 acre	0.047 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-105	Brown	S-1, T-22N, R-19E	Map 33	Riparian Emergent (D)	0.005 acre	0.005 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Shallow Marsh (D)	0.008 acre	0.008 acre	0 acre			0 acre		0 acre	0 acre		
Wetland W-D-106	Brown	S-1, T-22N, R-19E	Map 33	Shallow Marsh (D)	0.038 acre	0.038 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-D-107	Brown	S-1, T-22N, R-19E	Map 33	Shallow Marsh (D)	0.007 acre	0.007 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-91	Brown	S-1, T-22N, R-19E	Map 33	Shallow Marsh (D)	0.028 acre	0.028 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-88	Brown	S-1, T-22N, R-19E	Map 33	Wet Meadow (D)	0.004 acre	0.004 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-89	Brown	S-1, T-22N, R-19E	Map 33	Riparian Emergent (D)	0.001 acre	0.001 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-1	Brown	S-1, T-22N, R-19E	Map 34	Shallow Marsh (D)	0.002 acre	0.002 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-2	Brown	S-1, T-22N, R-19E	Map 35	Wet Meadow (D)	0.049 acre	0.049 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-115	Brown	S-1, T-22N, R-19E	Map 35	Wet Meadow (D)	0.149 acre	0.149 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-16	Brown	S-1, T-22N, R-19E	Map 35	Shallow Marsh (D)	0.055 acre	0.055 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-C-11
Wetland W-A-15	Brown	S-1, T-22N, R-19E	Map 35	Shallow Marsh (D)	0.018 acre	0.017 acre	-0.001 acre	0.017 acre	0.017 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-86	Brown	S-1, T-22N, R-19E	Map 35	Wet Meadow (D)	0 acre	0.006 acre	0.006 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-C-11
Wetland W-D-110	Brown	S-1, T-22N, R-19E	Map 35	Riparian Wooded (D)	0 acre	0.001 acre	0.001 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-114	Brown	S-1, T-22N, R-19E	Map 35	Wet Meadow (D)	0.494 acre	0.494 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-3	Brown	S-1, T-22N, R-19E	Map 35	Wet Meadow (D)	0.012 acre	0.012 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**0.917 acre**	**0.923 acre**	**0.006 acre**	**0.017 acre**	**0.017 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**		

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Wetland Impacts 1130-68-00

South Bridge Connector Interchange

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-C-113	Brown	S-36, T-23N, R-19E	Map 35	Wet Meadow (D)	0.362 acre	0.362 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-14	Brown	S-36, T-23N, R-19E	Map 36	Shallow Marsh (D)	0.136 acre	0.136 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-48	Brown	S-31, T-23N, R-20E	Map 36	Shallow Marsh (D)	3.192 acres	3.192 acres	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.106 acre	0.106 acre	0 acre			0 acre		0 acre	0 acre		
Wetland W-C-85	Brown	S-36, T-23N, R-19E	Map 36	Shallow Marsh (D)	0.374 acre	0.374 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Wet Meadow (D)	0.212 acre	0.212 acre	0 acre			0 acre		0 acre	0 acre		
Wetland W-A-4	Brown	S-31, T-23N, R-20E	Map 36,37	Wet Meadow (D)	0.630 acre	0.630 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-41	Brown	S-31, T-23N, R-20E	Map 36,37	Wet Meadow (D)	0.804 acre	0.804 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-42	Brown	S-31, T-23N, R-20E	Map 36,37	Wet Meadow (D)	0.007 acre	0.007 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-39	Brown	S-31, T-23N, R-20E	Map 36,37	Wet Meadow (D)	0.221 acre	0.221 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-38	Brown	S-31, T-23N, R-20E	Map 36,37	Wet Meadow (D)	0.009 acre	0.009 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**6.053 acres**	**6.053 acres**	**0 acre**	**0 acres**	**0 acres**	**0 acre**	**0 acre**	**0 acre**	**0 acre**		

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Wetland Impacts 1130-68-00

IH 41 Mainline: South Bridge Connector to County F

Wetland ID	County	Section, Township, Range	Location Map	Wetland Type(s)	Permanent Wetland Impact (Offsite Mitigation Required)			Permanent Wetland Impact (No Offsite Mitigation) *			Temporary Wetland Impact			Connected to a Waterbody?	Waterbody Name
					Permitted	Revised Design	Change	Permitted	Revised Design	Change	Permitted	Revised Design	Change		
Wetland W-A-5	Brown	S-31, T-23N, R-20E	Map 36,37	Wet Meadow (D)	0.485 acre	0.485 acre	0 acre	0.323 acre	0.323 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-1 (Hemlock Creek 122600)
				Riparian Emergent (D)	0.008 acre	0.008 acre	0 acre	0 acre	0 acre	0 acre					
Wetland W-A-13	Brown	S-31, T-23N, R-20E	Map 36,37	Shallow Marsh (D)	0.076 acre	0.076 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-A-2
				Wet Meadow (D)	0.104 acre	0.104 acre	0 acre								
Wetland W-A-12	Brown	S-31, T-23N, R-20E	Map 38	Shallow Marsh (D)	0.060 acre	0.060 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-A-6	Brown	S-31, T-23N, R-20E	Map 38	Wet Meadow (D)	0.149 acre	0.149 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**0.882 acre**	**0.882 acre**	**0 acre**	**0.323 acre**	**0.323 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**		

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Brown County South Bridge Connector Project, County F/County EB to Lawrence Drive Section – Permit for Wetland Impacts Obtained by Brown County (*see tables above for South Bridge Connector interchange and I-41 mainline sections permitted by WisDOT*)																
Wetland ID	**County**	**Section, Township, Range**	**Location Map**	**Wetland Type(s)**	**Permanent Wetland Impact (Offsite Mitigation Required)**			**Permanent Wetland Impact (No Offsite Mitigation) ***			**Temporary Wetland Impact**			**Connected to a Waterbody?**	**Waterbody Name**
					Permitted	**Revised Design**	**Change**	**Permitted**	**Revised Design**	**Change**	**Permitted**	**Revised Design**	**Change**		
Wetland W-C-36	Brown	S-6, T-22N, R-20E	Map 57 of 59	Wet Meadow (D)	0 acre	0 acre	0 acre	0.081 acre	0.081 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-34	Brown	S-6, T-22N, R-20E	Map 57 of 59	Wet Meadow (D)	0 acre	0 acre	0 acre	0.016 acre	0.016 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-35	Brown	S-6, T-22N, R-20E	Map 57 of 59	Wet Meadow (D)	0 acre	0 acre	0 acre	0.073 acre	0.073 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-B-48	Brown	S-36, T-23N, R-19E	Map 59 of 59	Aquatic Bed	0.093 acre	0.093 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☒ Yes ☐ No	Waterway S-B-8 (Hemlock Creek)
				Riparian Wooded	0.054 acre	0.054 acre									
				Wooded Swamp	0.030 acre	0.030 acre									
Wetland W-C-30	Brown	S-36, T-23N, R-19E	Map 59 of 59	Wet Meadow (D)	0.064 acre	0.064 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-32	Brown	S-36, T-23N, R-19E	Map 59 of 59	Wet Meadow (D)	0.017 acre	0.017 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-20	Brown	S-36, T-23N, R-19E	Map 59 of 59	Wet Meadow (D)	0.166 acre	0.166 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-21	Brown	S-36, T-23N, R-19E	Map 59 of 59	Wet Meadow (D)	0.054 acre	0.054 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-29	Brown	S-36, T-23N, R-19E	Map 59 of 59	Wet Meadow (D)	0.012 acre	0.012 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-25	Brown	S-35, T-23N, R-19E	Map 59 of 59	Shallow Marsh (D)	0.032 acre	0.032 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-26	Brown	S-35, T-23N, R-19E	Map 59 of 59	Shallow Marsh (D)	0.002 acre	0.002 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-24	Brown	S-35, T-23N, R-19E	Map 59 of 59	Shallow Marsh (D)	0.071 acre	0.071 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-28	Brown	S-35, T-23N, R-19E	Map 59 of 59	Shallow Marsh (D)	0.050 acre	0.050 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-19	Brown	S-35, T-23N, R-19E	Map 59 of 59	Wet Meadow (D)	0.041 acre	0.041 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
Wetland W-C-22	Brown	S-35, T-23N, R-19E	Map 59 of 59	Wet Meadow (D)	0.012 acre	0.012 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	0 acre	☐ Yes ☒ No	
				Total	**0.698 acre**	**0.698 acre**	**0 acre**	**0.170 acre**	**0.170 acre**	**0 acre**	**0 acre**	**0 acre**	**0 acre**		

*Impacts in this classification are limited to existing roadside ditches excavated in and draining dry land that do not carry relatively permanent flow of water. Ditches will be replaced in adjacent, proposed roadside where no existing delineated wetlands are present.

Revisions to February 16, 2024, Re-evaluation Highlighted in Blue

SURFACE WATERS Factor Sheet

09-23-2025 Wisconsin Department of Transportation

Alternative: 6-lane modernization	**Preferred:** ☒ **Yes** ☐ **No** ☐ **None identified**	**Project ID:** 1130-63-01

1. **Waterbody name:** Apple Creek

2. **Location of waterbody:** Watershed maps attached
   Section-Township-Range: T21 R17E, Sections 13, 14; T21 R18E, Sections 12-18
   Municipality Name: Outagamie County and Brown County

3. **Waterbody type (check all that apply):**
   - ☐ Lake
   - ☐ Pond
   - ☐ Impoundment or flowage
   - ☒ River or Stream
     - ☒ Warm water
     - ☐ Cold water, if trout stream, identify trout stream classification: Wild and scenic river
     - ☐ Outstanding resource water (ORW), per NR 102.10, describe: Exceptional resource water (ERW), per NR 102.11, describe:
   - ☐ Other, describe:

4. **Watershed name:** Apple Creek Watershed, Fox River - Frontal Green Bay Watershed **Size:** 166.083**(square miles)**
   Apple Creek, a 24-mile creek, is usually dry except for scattered pools near road crossings and toward the mouth of the river where it drains into the Fox River. Bottom materials are silt, rubble and gravel with few boulders. Like many streams in Brown County, this one is plagued by erosion. Cattle pasturing along streambanks and hills has caused heavy erosion and no vegetation. Macroinvertebrates indicate fairly poor water quality. Nonpoint source pollution, point source pollution and urban stormwater runoff singly or in combination cause sedimentation and low dissolved oxygen (DO) levels, all of which contribute to poor water quality. Dissolved oxygen and temperature were monitored to document swings in DO due to external factors like rain or plants. Violation of the 5 mg/l state DO standard occurred often. Low or no stream flow during critical summer months also plays a major role in limiting aquatic life in the watershed. Apple Creek is an impaired waterway with a 'poor' general condition. The waterway is impaired for total suspended sediment and total phosphorus that have caused Apple Creek to experience degraded habitat, low dissolved oxygen, eutrophication and turbidity.

5. **Hydrologic characteristics:**
   - ☒ Permanent (year-round)
   - ☐ Temporary (wet part of year**)**

6. **Waterbody characteristics:**
   A. Substrate:
      - ☐ Sand
      - ☒ Silt
      - ☒ Clay
      - ☐ Cobbles
      - ☐ Other, describe:

   B. Area of water body (for lakes): acres

   C. Average water depth: **2** feet

   D. Vegetation in waterbody:
      - ☐ Absent
      - ☒ Present, if known, describe: unknown

E. Summarize water quality data, if available:
poor

F. Is this waterbody on the DNR's "Impaired Waters" list?
☐ No
☒ Yes, describe: total suspended solids and total phosphorus

7. Describe land adjacent to waterbody:
urban/developed

8. Describe proposed work in, over, or adjacent to the waterbody:

- I-41 crossing east of WIS 47 interchange (S-A-9)
- Waterway from Meade Street to west of County E (S-D-3)
- I-41 crossing between County E and WIS 441 (S-D-2)
- Waterway from French Road culvert to I-41 culvert east of Holland Road (S-C-7)
- I-41 crossing west of County CC (S-C-3)
- I-41 crossing between County CC and WIS 55 (S-D-1)
- I-41 crossing west of County J interchange (S-C-2)

9. Discuss physical impacts to the waterbody during and after construction. Include information regarding anticipated impacts on wildlife and plants inhabiting or dependent upon the lake or water body:
See waterway impact table below for details on specific work to take place at each location on the waterway. Streams will remain in current structures while new structures are built, temporary diversion of streams or dewatering may be required to construct new culverts and bridges and will follow WDNR technical standard 1061. A project-specific erosion control plan will be developed for each project's area of ground disturbance and will be permitted under the Transportation Construction General Permit by WDNR. Contractors will develop site-specific erosion control implementation plans for each stream, detailing work in the waterway, staging and implementation of erosion control for WDNR review and approval prior to the start of work.

10. Discuss probable impacts to water quality during and after construction. Include information regarding anticipated impacts on wildlife and plants inhabiting or dependent upon the waterbody:
The project modeling results show that water quality standards are met with implementation of grass swales and wet detention basins as control practices. Although the project's TSS reduction goal is based upon an overall corridor analysis, analyses of just the new construction areas (Southbridge interchange) and the reconstruction areas are also presented below.

The results show that the Southbridge interchange is meeting the 80% TSS reduction standard for new roadways and the reconstruction areas are meeting the 40% TSS reduction standard for reconstructed roadways. Impacts to species will be minimized by restricting in-water work from March 1 of the calendar year to May 31 or June 15 as agreed to by the WDNR liaison. Riparian vegetation that will be disturbed by construction will be restored to 70% vegetative cover prior to removal of erosion control devices to minimize runoff to the waterway per permit requirements.

11. Describe coordination with the public, municipalities and state and federal agencies concerning waterbodies:

- Public outreach was conducted during the EA phase of the project as well as during the design process
- 404 permit application was submitted to USACE in June 2023. A public notice was issued by USACE on August 28, 2023, and public comment period for the permit was completed on September 12, 2023. A Section 404 Individual Permit was issued on February 2, 2024.
- 401 Water Quality Certification for the corridor was issued on December 4, 2024.

12. Are measures proposed to avoid, minimize, or compensate for impacts:

☐ No

☒ Yes, describe: TSS reduction has been implemented project wide for water quality protection. 40% TSS reduction is met for the corridor as compared to no control.

13. Are measures proposed to enhance beneficial effects:

☐ No

☒ Yes, describe: Relocation and restoration of stream channels in areas adjacent to roadway. Removal of pier in Apple Creek main channel. Replacing with larger culverts to improve hydraulic function. Incorporated bank stabilization and invasive plant removal.

Revisions to February 16, 2024, Re-evaluation Highlighted in Blue

SURFACE WATERS Factor Sheet

09-23-2025

Wisconsin Department of Transportation

Alternative: 6-lane modernization	**Preferred:** ☒ **Yes** ☐ **No** ☐ **None identified**	**Project ID:** 1130-63-01

1. **Waterbody name:** Ashwaubenon Creek

2. **Location of waterbody:** Watershed maps attached
   Section-Township-Range: T22 R19E, Sections 1, 11; T23 R20E, Section 31
   Municipality Name: Brown County

3. **Waterbody type (check all that apply):**
   - ☐ Lake
   - ☐ Pond
   - ☐ Impoundment or flowage
   - ☒ River or Stream
     - ☒ Warm water
     - ☐ Cold water, if trout stream, identify trout stream classification: Wild and scenic river
     - ☐ Outstanding resource water (ORW), per NR 102.10, describe: Exceptional resource water (ERW), per
     - ☐ NR 102.11, describe:
   - ☐ Other, describe:

4. **Watershed name:** Ashwaubenon Creek Watershed, Fox River-Frontal Green Bay Watershed **Size:** 166.083 **(square miles)**
   Ashwaubenon Creek is a 15-mile sluggish, hard water stream flowing through agricultural and residential Brown County. Bottom materials consist of rubble, gravel and silt. In the agricultural portion, the stream banks and hills are bare and erosion heavy due to cattle pasturing. In the residential area the stream is filled with litter and debris. Nonpoint source pollution, point source pollution and urban stormwater runoff singly or in combination cause sedimentation and low dissolved oxygen levels, all of which contribute to poor water quality. Low or no stream flow during critical summer months also plays a major role in limiting aquatic life in the watershed. Ashwaubenon Creek is an impaired waterway with a 'poor' general condition. The waterway is impaired for total suspended sediment and total phosphorus that have caused Ashwaubenon Creek to experience degraded habitat, low dissolved oxygen, eutrophication and turbidity impairments.

5. **Hydrologic characteristics:**
   - ☒ Permanent (year-round)
   - ☐ Temporary (wet part of year**)**

6. **Waterbody characteristics:**
   A. Substrate:
      - ☐ Sand
      - ☒ Silt
      - ☒ Clay
      - ☐ Cobbles
      - ☐ Other, describe:

   B. Area of water body (for lakes): acres

   C. Average water depth: 2 feet

   D. Vegetation in waterbody:
      - ☐ Absent
      - ☒ Present, if known, describe: unknown

E. Summarize water quality data, if available:
poor

F. Is this waterbody on the DNR's "Impaired Waters" list?
☐ No
☒ Yes, describe: total suspended solids and total phosphorus

7. Describe land adjacent to waterbody:
urban/developed

8. Describe proposed work in, over, or adjacent to the waterbody:

- Waterway at County S interchange (S-A-3)
- I-41 crossing north of County U Interchange (S-B-3)
- I-41 crossing south of Little Rapids Road (S-C-12)
- I-41 crossing south of South Bridge Connector Interchange (S-C-11)
- Existing Southbridge Road crossing east of I-41/Southbridge Road Interchange (S-C-6)

9. Discuss physical impacts to the waterbody during and after construction. Include information regarding anticipated impacts on wildlife and plants inhabiting or dependent upon the lake or water body:
See waterway impact table below for details on specific work to take place at each location on waterway. Streams will remain in current structures while new structures are built, temporary diversion of streams or dewatering may be required to construct new culverts and bridges and will follow WDNR technical standard 1061. A project-specific erosion control plan will be developed for each project's area of ground disturbance and will be permitted under the Transportation Construction General Permit by WDNR. Contractors will develop site-specific erosion control implementation plans for each stream detailing work in the waterway, staging and implementation of erosion control for WDNR review and approval prior to the start of work.

10. Discuss probable impacts to water quality during and after construction. Include information regarding anticipated impacts on wildlife and plants inhabiting or dependent upon the waterbody:
The project modeling results show that water quality standards are met with implementation of grass swales and wet detention basins as control practices. Although the project's TSS reduction goal is based upon an overall corridor analysis, analyses of just the new construction areas (Southbridge interchange) and the reconstruction areas are also presented below.

The results show that the Southbridge interchange is meeting the 80% TSS reduction standard for new roadways and the reconstruction areas are meeting the 40% TSS reduction standard for reconstructed roadways. Impacts to species will be minimized by restricting in-water work from March 1 of the calendar year to May 31 or June 15 as agreed to by the WDNR liaison. Riparian vegetation that will be disturbed by construction will be restored to 70% vegetative cover prior to removal of erosion control devices to minimize runoff to the waterway per permit requirements.

11. Describe coordination with the public, municipalities and state and federal agencies concerning waterbodies:

- Public outreach was conducted during the EA phase of the project as well as during the design process
- 404 permit application was submitted to USACE in June 2023. A public notice was issued by USACE on August 28, 2023, and public comment period for the permit was completed on September 12, 2023. A Section 404 Individual Permit for the project was issued on February 2, 2024.
- 401 Water Quality Certification for the corridor was issued on December 4, 2023.

12. Are measures proposed to avoid, minimize, or compensate for impacts:

☐ No

☒ Yes, describe: TSS reduction has been implemented project wide for water quality protection. 40% TSS reduction is met for the corridor as compared to no control.

13. Are measures proposed to enhance beneficial effects:

☐ No

☒ Yes, describe: Existing culverts are damaged and replacing them will improve hydrology and hydraulics. Channel will be improved with bank stabilization and invasive plant removal.

Revisions to February 16, 2024, Re-evaluation Highlighted in Blue

SURFACE WATERS Factor Sheet

09-23-2025

Wisconsin Department of Transportation

Alternative: 6-lane modernization	**Preferred:** ☒ **Yes** ☐ **No** ☐ **None identified**	**Project ID:** 1130-63-01

1. **Waterbody name:** Hemlock Creek

2. **Location of waterbody:** Watershed maps attached
   Section-Township-Range: T23 R20E, Section 31
   Municipality Name: Brown County

3. **Waterbody type (check all that apply):**
   - ☐ Lake
   - ☐ Pond
   - ☐ Impoundment or flowage
   - ☒ River or Stream
     - ☒ Warm water
     - ☐ Cold water, if trout stream, identify trout stream classification: Wild and scenic river
     - ☐ Outstanding resource water (ORW), per NR 102.10, describe: Exceptional resource water (ERW), per NR 102.11, describe:
   - ☐ Other, describe:

4. **Watershed name:** Ashwaubenon Creek Watershed, Fox River-Frontal Green Bay Watershed **Size:** 166.083 **(square miles)**
   Hemlock Creek, a 7-mile stream, is impacted by low flow during the summer months. Streambanks are generally in poor condition and buffering is limited or absent. Crops and livestock dominate the riparian zones.

5. **Hydrologic characteristics:**
   - ☒ Permanent (year-round)
   - ☐ Temporary (wet part of year**)**

6. **Waterbody characteristics:**
   A. Substrate:
      - ☐ Sand
      - ☒ Silt
      - ☒ Clay
      - ☐ Cobbles
      - ☐ Other, describe:

   B. Area of water body (for lakes): acres

   C. Average water depth: **2** feet

   D. Vegetation in waterbody:
      - ☐ Absent
      - ☒ Present, if known, describe:

   E. Summarize water quality data, if available:
   good

   F. Is this waterbody on the DNR's "Impaired Waters" list?
      - ☒ No
      - ☐ Yes, describe:

7. **Describe land adjacent to waterbody**:
   urban/developed

8. **Describe proposed work in, over, or adjacent to the waterbody:**
   - I-41 crossing north of Southbridge Road
   - New Southbridge Road crossing west of I-41/Southbridge Road Interchange (S-B-8)

9. **Discuss physical impacts to the waterbody during and after construction. Include information regarding anticipated impacts on wildlife and plants inhabiting or dependent upon the lake or water body:**
   See waterway impact table below for details on specific work to take place at each location on waterway. Stream will remain in current structures while new structures are built, temporary diversion of streams or dewatering may be required to construct new culverts and bridges and will follow WDNR technical standard 1061. A project-specific erosion control plan will be developed for each project's area of ground disturbance and will be permitted under the Transportation Construction General Permit by WDNR. Contractors will develop site-specific erosion control implementation plans for each stream detailing work in the waterway, staging and implementation of erosion control for WDNR review and approval prior to the start of work.

10. **Discuss probable impacts to water quality during and after construction. Include information regarding anticipated impacts on wildlife and plants inhabiting or dependent upon the waterbody:**
    The project modeling results show that water quality standards are met with implementation of grass swales and wet detention basins as control practices. Although the project's TSS reduction goal is based upon an overall corridor analysis, analyses of just the new construction areas (Southbridge interchange) and the reconstruction areas are also presented below.

    The results show that the Southbridge interchange is meeting the 80% TSS reduction standard for new roadways and the reconstruction areas are meeting the 40% TSS reduction standard for reconstructed roadways. Impacts to species will be minimized by restricting in-water work from March 1 of the calendar year to May 31 or June 15 as agreed to by the WDNR liaison. Riparian vegetation that will be disturbed by construction will be restored to 70% vegetative cover prior to removal of erosion control devices to minimize runoff to the waterway per permit requirements.

11. **Describe coordination with the public, municipalities and state and federal agencies concerning waterbodies:**
    - Public outreach was conducted during the EA phase of the project as well as during the design process
    - 404 permit application was submitted to USACE in June 2023. A public notice was issued by USCE on August 28, 2023, and public comment period for the permit was completed on September 12, 2023. A Section 404 Individual Permit for the project was issued on February 2, 2024.
    - 401 Water Quality Certification for the corridor was issued on December 4, 2023.

12. **Are measures proposed to avoid, minimize, or compensate for impacts:**
    ☐ No
    ☐ Yes, describe: TSS reduction has been implemented project wide for water quality protection. 40% TSS reduction is met for the corridor as compared to no control.

13. **Are measures proposed to enhance beneficial effects:**
    ☒ No
    ☐ Yes, describe:

Revisions to February 16, 2024, Re-evaluation Highlighted in Blue

SURFACE WATERS Factor Sheet

09-23-2025 Wisconsin Department of Transportation

Alternative: 6-lane modernization	**Preferred:** ☒ **Yes** ☐ **No** ☐ **None identified**	**Project ID:** 1130-63-01

1. **Waterbody name:** Mud Creek

2. **Location of waterbody:** Watershed maps attached
   Section-Township-Range: T21 R17E, Section 20, Section 16, Section 15 Municipality Name: Outagamie County

3. **Waterbody type (check all that apply):**
   - ☐ Lake
   - ☐ Pond
   - ☐ Impoundment or flowage
   - ☒ River or Stream
     - ☒ Warm water
     - ☐ Cold water, if trout stream, identify trout stream classification: Wild and scenic river
     - ☐ Outstanding resource water (ORW), per NR 102.10, describe: Exceptional resource water (ERW), per NR 102.11, describe:
   - ☐ Other, describe:

4. **Watershed name:** Mud Creek Watershed, Plum Creek - Fox River Watershed **Size:** 169.078 **(square miles)**
   Mud Creek, an 8-mile stream, originates in an urban area and continues through the southwestern corner of Appleton before discharging into the Fox River. Stream habitat was rated poor to fair. Streambank erosion is infrequent, however, there are some raw areas with high erosion potential during high flows (Gansberg 1998). The stream substrate is mostly rubble, gravel or other stable habitat but covered with a layer of fine clay sediment. Macrophytes are abundant but generally not over abundant. Filamentous algae is common on the rocky bottom substrate where the bottom is exposed to sunlight. Macroinvertebrate samples indicate poor to fair water quality with fairly significant to very significant organic pollution. Mud Creek receives a considerable amount of suspended solids during runoff events sampled. Chlorides were slightly elevated, but ammonia and BOD-5 were within the acceptable ranges. Mud Creek has a 'poor' general condition and is impaired for total suspended sediment, total phosphorus and chloride. These impairments have resulted in acute aquatic toxicity, degraded habitat and chronic aquatic toxicity.

5. **Hydrologic characteristics:**
   - ☒ Permanent (year-round)
   - ☐ Temporary (wet part of year**)**

6. **Waterbody characteristics:**
   A. Substrate:
      - ☐ Sand
      - ☒ Silt
      - ☒ Clay
      - ☐ Cobbles
      - ☐ Other, describe:

   B. Area of water body (for lakes): acres

   C. Average water depth: **2** feet

   D. Vegetation in waterbody:
      - ☐ Absent
      - ☒ Present, if known, describe: unknown

E. Summarize water quality data, if available:
poor

F. Is this waterbody on the DNR's "Impaired Waters" list?
☐ No
☒ Yes, describe: total phosphorus

7. Describe land adjacent to waterbody:
urban / developed

8. Describe proposed work in, over, or adjacent to the waterbody:
- Waterway crossing at WIS 15 interchange (S-A-12)
- Waterway crossing at Lynndale Avenue (S-A-11)
- Waterway crossing at Gillett Street (S-A-10)

9. Discuss physical impacts to the waterbody during and after construction. Include information regarding anticipated impacts on wildlife and plants inhabiting or dependent upon the lake or water body:
See waterway impact table below for details on specific work to take place at each location on waterway. Streams will remain in current structures while new structures are built, temporary diversion of streams or dewatering may be required to construct new culverts and bridges and will follow WDNR technical standard 1061. A project-specific erosion control plan will be developed for each project's area of ground disturbance and will be permitted under the Transportation Construction General Permit by WDNR. Contractors will develop site-specific erosion control implementation plans for each stream detailing work in the waterway, staging and implementation of erosion control for WDNR review and approval prior to the start of work.

10. Discuss probable impacts to water quality during and after construction. Include information regarding anticipated impacts on wildlife and plants inhabiting or dependent upon the waterbody:
The project modeling results show that water quality standards are met with implementation of grass swales and wet detention basins as control practices. Although the project's TSS reduction goal is based upon an overall corridor analysis, analyses of just the new construction areas (Southbridge interchange) and the reconstruction areas are also presented below.

The results show that the Southbridge interchange is meeting the 80% TSS reduction standard for new roadways and the reconstruction areas are meeting the 40% TSS reduction standard for reconstructed roadways. Impacts to species will be minimized by restricting in-water work from March 1 of the calendar year to May 31 or June 15 as agreed to by the WDNR liaison. Riparian vegetation that will be disturbed by construction will be restored to 70% vegetative cover prior to removal of erosion control devices to minimize runoff to the waterway per permit requirements.

11. Describe coordination with the public, municipalities and state and federal agencies concerning waterbodies:
- Public outreach was conducted during the EA phase of the project as well as during the final design process.
- 404 permit application was submitted to USACE in June 2023. A public notice was issued by USACE on August 28, 2023, and public comment period for the permit was completed on September 12, 2023. A section 404 Individual Permit was issued on February 2, 2024.
- 401 Water Quality Certification for the corridor was issued on December 4, 2023.

12. Are measures proposed to avoid, minimize, or compensate for impacts:
☐ No
☒ Yes, describe: TSS reduction has been implemented project wide for water quality protection. 40% TSS

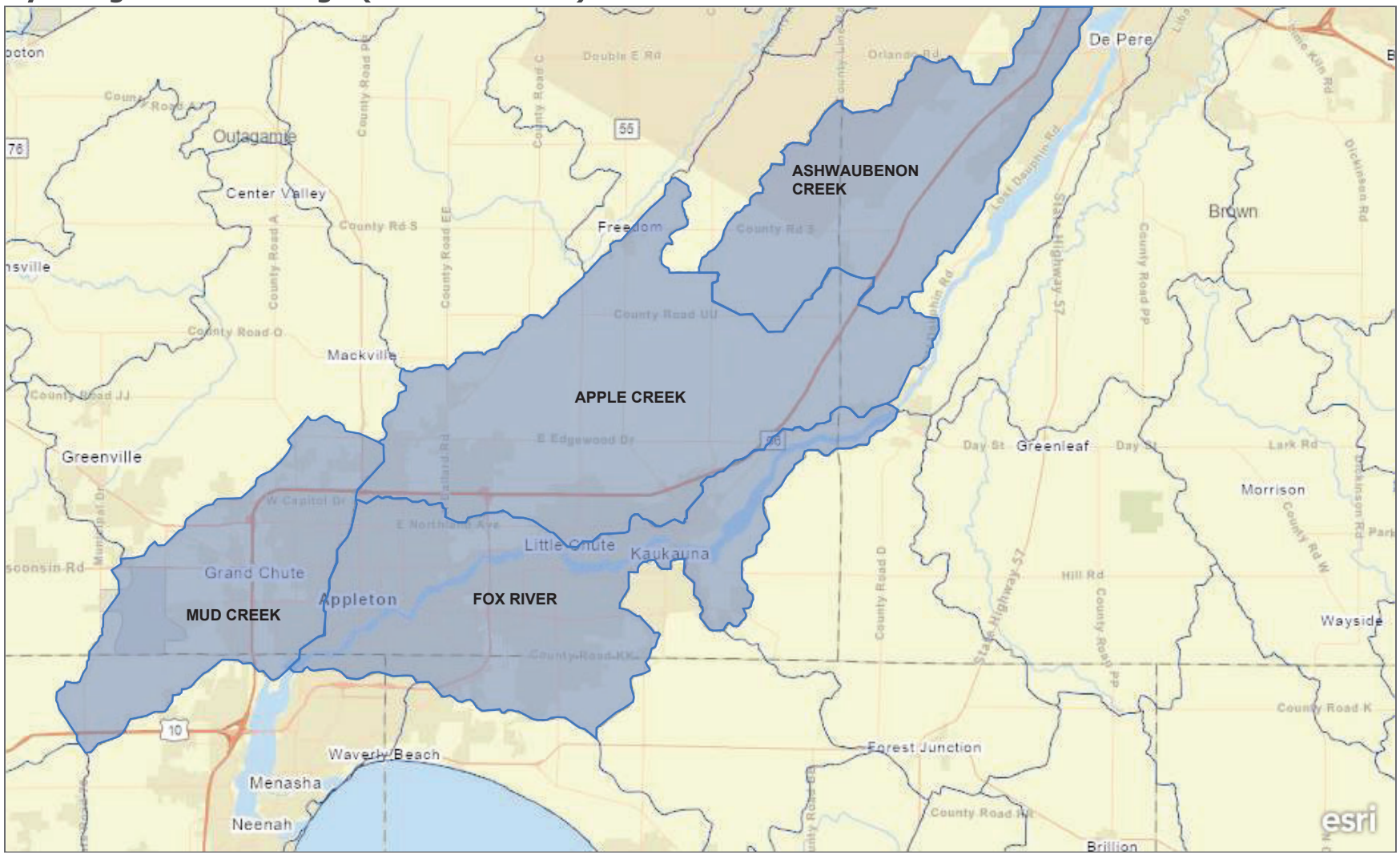
reduction is met for the corridor as compared to no control.

13. Are measures proposed to enhance beneficial effects:

☐ No

☒ Yes, describe: Removal of culvert at Gillett Street (enclosure) and restoration of ~450 feet of Mud Creek tributary stream channel in an open channel; low flow channel at Lynndale Drive and ~300 feet of Mud Creek Tributary stream restoration.

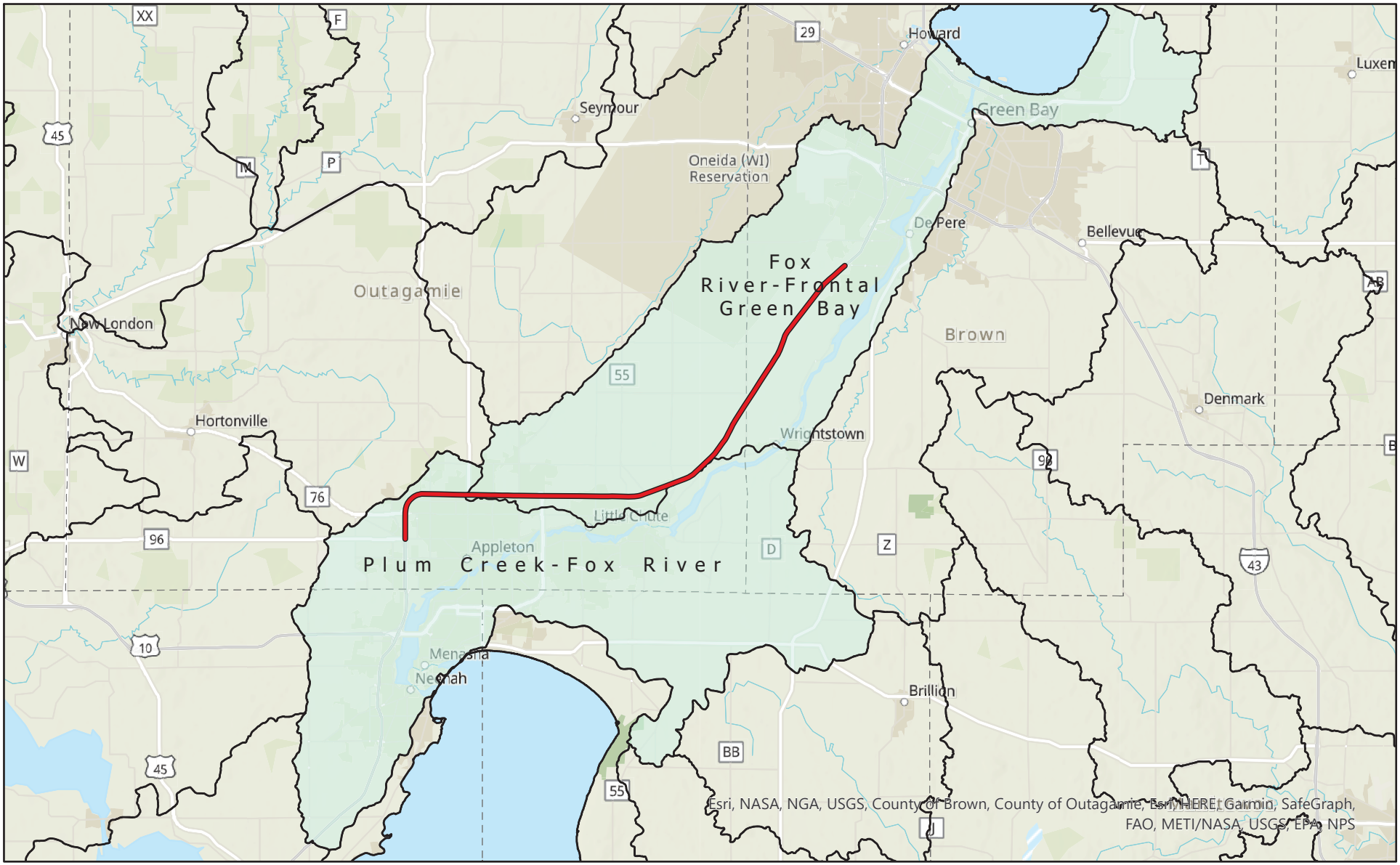
Hydrologic Units - 12 digit (Subwatersheds)



N

NOT TO SCALE

Hydrologic Units - 10 digit (Watersheds)



10 digit Hydrologic Units in Wisconsin. The intent of defining Hydrologic Units (HU) within the Watershed Boundary Dataset is to establish a base-line drainage boundary framework, accounting for all land and surface areas. Hydrologic units are intended to be units as a tool for water-resource management and planning activities particularly for site-specific and localized studies requiring a level of detail provided by large-scale map information. The WBD complements the National Hydrography Dataset (NHD) and supports numerous programmatic missions and activities including: watershed management, rehabilitation and enhancement, aquatic species conservation strategies, flood plain management and flood prevention, water quality initiatives and programs, dam safety programs, fire assessment and management, resource inventory and assessment, water data analysis and water census.

Total Stream Impacts by Waterway Reach

Stream ID	Watershed	Latitude Longitude	Impact Description	Length of Reach	Condition of Reach	Old Length of Impact	Revised Length of Impact	Change in Length of Impact	Reason for Change	Impact Severity	Duration	Improvements
Waterway S-A-12	Fox River Appleton Watershed	44.26988° N -88.46626° W	Replace and extend culverts, 11 ft total	210 Ft	Poor	11 ft	11 ft	0 ft		Tier 4: short length pipe culvert	Permanent	Improve hydraulics with larger culverts. Improve water quality through TSS reduction.
	Fox River Appleton Watershed	44.27298° N -88.46673° W	Linear impact to stream of 280 feet	280 ft	Poor	280 ft	299 ft	19 ft	Updated to reflect slope intercepts.	Tier 5: fill channel	Permanent	Improve water quality through TSS reduction.
Waterway S-A-11	Fox River Appleton Watershed	44.29899° N -88.44600° W	Replace damaged culvert in-kind with two new culverts under Lynndale Drive and I41. Restore 300 feet of stream channel to align with culverts.	360 ft	Poor	300 ft	264 ft	-36 ft	Updated to reflect slope intercepts.	Tier 1: bank stabilization	Permanent	Improve hydraulics with larger culverts. Improve water quality through TSS reduction. Restore 300 ft of open channel.
Waterway S-A-10	Fox River Appleton Watershed	44.29883° N -88.42992° W	Remove existing culvert and realign channel to flow under bridge.	373 ft	Poor	200 ft	200 ft	0 ft	Updated from tier 1 to tier 4 to reflect design	Tier 4: box culvert	Permanent	Remove culvert. Restore 450 feet of open channel. Improve water quality through TSS reduction.
	Fox River Appleton Watershed	44.29883° N -88.42992° W	Realign stream to match with channel. Restore 450 feet of stream channel.	77 ft	Poor	67 ft	129 ft	62 ft	Number updated to reflect design. Updated from tier 2 to tier 5 to reflect design	Tier 5: relocate channel	Permanent	Restore 450 feet of open channel. Improve water quality through TSS reduction.
Waterway S-A-9	Apple and Ashwaubenon Creeks Watershed	44.29849° N -88.40801° W	Replace and extend culvert, 8 ft total	190 ft	Poor	8 ft	8 ft	0 ft		Tier 4: short length pipe culvert	Permanent	Improve hydraulics with larger culverts. Improve water quality through TSS reduction.
Waterway S-D-3	Apple and Ashwaubenon Creeks Watershed	44.29830° N -88.38966° W	Replace and extend culvert, 40 ft total	165 ft	Poor	40 ft	40 ft	0 ft		Tier 4: box culvert	Permanent	Improve hydraulics with larger culvert. Improve water quality through TSS reduction. Avoided impact to 1295 ft of waterway on south side of roadway.
	Apple and Ashwaubenon Creeks Watershed	44.29826° N -88.38469° W	Replace and extend culvert, 36 ft total	165 ft	Poor	36 ft	36 ft	0 ft		Tier 4: box culvert	Permanent	Improve hydraulics with larger culverts. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.29865° N -88.38410° W	Relocate 375 feet of the navigable channel on the north side of I41.Channel will be replaced in-kind to the north of existing location.	375 ft	Poor	375 ft	21 ft	-354 ft	Updated to reflect slope intercepts.	Tier 5: relocate channel	Permanent	Reconstruct channel in-kind and in advance of handling live flow. Improve channel hydraulics with bank stabilization, invasive plant removal. Improve habitat with channel enhancements.
Waterway S-D-2	Apple and Ashwaubenon Creeks Watershed	44.29808° N -88.36811° W	Replace and extend culvert, 30 ft total	190 ft	Poor	30 ft	30 ft	0 ft		Tier 4: short length pipe culvert	Permanent	Improve hydraulics with larger culvert. Improve water quality through TSS reduction.
Waterway S-C-7	Apple and Ashwaubenon Creeks Watershed	44.29850° N -88.35342° W	Replace and extend culvert, 40 ft total	200 ft	Poor	40 ft	80 ft	40 ft	Number updated to reflect change on both sides of culvert	Tier 4: short length pipe culvert	Permanent	Improve hydraulics with larger culvert. Improve water quality through TSS reduction.

Red text indicates a change from the 2024 Re-evaluation.

Total Stream Impacts by Waterway Reach

Stream ID	Watershed	Latitude Longitude	Impact Description	Length of Reach	Condition of Reach	Old Length of Impact	Revised Length of Impact	Change in Length of Impact	Reason for Change	Impact Severity	Duration	Improvements
	Apple and Ashwaubenon Creeks Watershed	44.29833° N -88.35267° W To 44.29824° N -88.34608° W	Relocate 1997 feet of the navigable channel on the north side of I41	1965 ft	Poor	1965 ft	1997 ft	32 ft	Updated to reflect slope intercepts.	Tier 5: relocate channel	Permanent	Reconstruct channel in-kind and in advance of handling live flow. Improve channel hydraulics with bank stabilization, invasive plant removal and drainage improvement. Improve habitat with channel enhancements. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.29826° N -88.34074° W To 44.29847° N -88.33337° W	Relocate 2006 feet of the navigable channel on the north side of I41. Replace channel in kind to the north of existing location. Replace culvert under Holland Road.	1995 ft	Poor	1995 ft	2006 ft	11 ft	Updated to reflect slope intercepts.	Tier 5: relocate channel	Permanent	Reconstruct channel in-kind and in advance of handling live flow. Improve channel hydraulics with bank stabilization, invasive plant removal and drainage improvement. Improve habitat with channel enhancements. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.29853° N -88.33312° W	Replace and extend culvert, 80 ft total	135 ft	Poor	80 ft	80 ft	0 ft		Tier 4: box culvert	Permanent	Improve hydraulics with new culvert. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.29849° N -88.33159° W	Relocate 580 feet of navigable channel on the north side of I41 (east of culvert). Channel will be replaced in-kind to the north of existing location.	250 ft	Poor	250 ft	580 ft	330 ft	Updated to reflect slope intercepts.	Tier 5: relocate channel	Permanent	Reconstruct channel in-kind and in advance of handling live flow. Improve channel hydraulics with bank stabilization, invasive plant removal and drainage improvement . Improve habitat with channel enhancements. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.29791° N -88.33087° W	Replace and extend culvert, 36 ft total	204 ft	Poor	36 ft	36 ft	0 ft		Tier 4: box culvert	Permanent	Improve hydraulics with larger culvert. Lower elevation of culvert to improve flow upstream. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.29758° N -88.33045° W	Relocate 193 feet of navigable channel on the south side of I41 (east of culvert). Channel will be replaced in-kind to the south of existing location.	200 ft	Poor	200 ft	193 ft	-7 ft	Updated to reflect slope intercepts.	Tier 5: relocate channel	Permanent	Reconstruct channel in-kind and in advance of handling live flow. Improve channel hydraulics with bank stabilization, invasive plant removal and drainage improvement. Improve habitat with channel enhancements. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.29781° N -88.31953° W	No impact to waterway. Waterway flows through smaller culvert that is 3ft below highway culvert. Lower culvert not impacted by project.	165 ft	Poor	-	-	-		No impact to waterway	Permanent	Exhibit provided to show specific conditions.
Waterway S-C-3	Apple and Ashwaubenon Creeks Watershed	44.29801° N -88.29301° W	Replace and extend culvert, 16 ft total	260 ft	Poor	16 ft	16 ft	0 ft		Tier 4: short length pipe culvert	Permanent	Improve hydraulics with larger culvert. Restore 50 ft of open channel. Improve water quality through TSS reduction.
Waterway S-D-1	Apple and Ashwaubenon Creeks Watershed	44.29768° N -88.28081° W	Replace existing single culvert with two culverts and extend 28ft total	230 ft	Poor	28 ft	28 ft	0 ft		Tier 4: short length pipe culvert	Permanent	Improve hydraulics with larger culverts. Improve water quality through TSS reduction.

Red text indicates a change from the 2024 Re-evaluation.

Total Stream Impacts by Waterway Reach

Stream ID	Watershed	Latitude Longitude	Impact Description	Length of Reach	Condition of Reach	Old Length of Impact	Revised Length of Impact	Change in Length of Impact	Reason for Change	Impact Severity	Duration	Improvements
Waterway S-C-2	Apple and Ashwaubenon Creeks Watershed	44.30409° N -88.25484° W	Replace and extend culvert, 40 ft total. Pumping station to the south between Tower and Line Rd controls flow.	240 ft	Poor	40 ft	40 ft	0 ft		Tier 4: box culvert	Permanent	Improve hydraulics with larger culverts. Improve water quality through TSS reduction.
Waterway S-B-3 (Apple Creek)	Apple and Ashwaubenon Creeks Watershed	44.35538° N -88.18801° W	Reconstruct bridges and remove existing piers. Replace with single span structure with no piers in the waterway.	200 ft	Fair	150 ft	150 ft	0 ft		Tier 1: bank stabilization	Permanent	Replace bridges with no piers in the waterway to improve hydraulic function. Stabilize channel banks to prevent erosion. Improve water quality through TSS reduction.
Waterway S-A-3	Apple and Ashwaubenon Creeks Watershed	44.38597° N -88.16476° W	Replace and extend culvert, 64 ft total	180 ft	Fair	64 ft	64 ft	0 ft		Tier 4: short length pipe culvert	Permanent	Improve hydraulics with larger culvert. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.38613° N -88.16433° W	Replace and extend culvert, 65 ft total	225ft	Fair	68 ft	65 ft	-3 ft	Updated to reflect design.	Tier 4: box culvert	Permanent	Improve hydraulics with larger culvert. Improve water quality through TSS reduction.
	Apple and Ashwaubenon Creeks Watershed	44.38643° N -88.16411° W To 44.38784° N -88.16246° W	Relocate 650 ft of navigable waterway. Channel will be replaced in-kind to the west of existing location.	600ft	Fair	600 ft	650 ft	50 ft	Number updated to reflect design	Tier 5: relocate channel	Permanent	Reconstruct channel in-kind and in advance of handling live flow. Improve channel hydraulics with bank stabilization, invasive plant removal drainage improvement. Improve habitat with channel enhancements.
	Apple and Ashwaubenon Creeks Watershed	44.38776° N -88.16155° W	Replace and extend culvert, 166 ft total	480 ft	Fair	70 ft	166 ft	96 ft	Design change	Tier 4: box culvert	Permanent	Improve hydraulics with larger culvert. Improve water quality through TSS reduction.
Waterway S-C-12 (Ashwaubenon Creek)	Apple and Ashwaubenon Creeks Watershed	44.39470° N -88.15621° W	Existing culvert to remain in place. Stabilize bank on east side of roadway.	340 ft	Fair	50 ft	50 ft	0 ft		Tier 1: bank stabilization	Permanent	Improve hydraulics with larger culvert. Improve water quality through TSS reduction.
Waterway S-C-11	Apple and Ashwaubenon Creeks Watershed	44.41299° N -88.13654° W	Replace culvert under I-41 extend culvert, 7 feet total	360 ft	Fair	5 ft	7 ft	2 ft	Updated to reflect design.	Tier 4: box culvert	Permanent	Improve hydraulics with larger culvert. Improve water quality through TSS reduction.
Waterway S-A-1 (Hemlock Creek)	Apple and Ashwaubenon Creeks Watershed	44.42526° N -88.12083° W	Extend culvert 10 ft on east side	205 ft	Good	15 ft	10 ft	-5 ft	Design change	Tier 4: box culvert	Permanent	Improve water quality through TSS reduction.
Total Waterway Impacts:						**Tier 1: 700 ft Tier 2: 67 ft Tier 4: 587 ft Tier 5: 5665 ft**	**Tier 1: 464 ft Tier 2: 0 ft Tier 4: 917 ft Tier 5: 5875 ft**	**Tier 1: -236 ft Tier 2: -67 ft Tier 4: 330 ft Tier 5: 210 ft**		**Tier 1: 464 Linear feet – bank stabilization Tier 2: 0 Linear feet – new bridges Tier 4: 1277 Linear feet – pipe and box culverts Tier 5: 5875 Linear feet – channel relocation**		

Red text indicates a change from the 2024 Re-evaluation.

Brown County South Bridge Connector Project, County F/County EB to Lawrence Drive Section – Permit for Stream Impacts Obtained by Brown County (*see table above for stream impacts permitted by WisDOT*)								
Stream ID	**Watershed**	**Latitude Longitude**	**2021 EA/FONSI Proposed Work**	**2021 EA/FONSI Physical Impact**	**2024 Re-evaluation Proposed Work**	**2024 Re-evaluation Physical Impact**	**2026 Re-evaluation Proposed Work**	**2026 Re-evaluation Physical Impact**
Waterway S-B-8 (Hemlock Creek)	Apple and Ashwaubenon Creeks Watershed	44.42603° N -88.13597°W	A new arterial (South Bridge Connector) is proposed across Waterway S-B-8 (Hemlock Creek 122600). The crossing would be a bridge and would be in the same location and configuration for both alternatives. The arterial is currently proposed as a four-lane roadway, but Brown County may construct the arterial as a two-lane roadway until such time as traffic warrants four lanes. The hydrology and hydraulics analysis concluded a 145-foot bridge could clear the creek. However, coordination with DNR is ongoing to determine the length of the bridge.	The bridge over Hemlock Creek will span the creek and as such, no permanent impacts are anticipated. Brown County would aim to avoid construction in the waterway. Vegetation and habitat along the creek would need to be removed to accommodate the bridge. During construction, wildlife would be limited in their ability to access to Hemlock Creek where construction is occurring.	South Bridge Connector west of I-41 A new bridge or structure would be needed for the new road	Design and construction being completed by Brown County	No change to general scope of work from 2021 EA/FONSI or 2024 Re-evaluation. A new bridge is still proposed over Hemlock Creek and bridge construction is underway. During final design, it was determined that the design would result in the sheeting for a temporary cofferdam encroaching on the waterway, so the entire bridge (abutments, piers, riprap, etc.) was shifted 5.0 feet north to avoid impacts to the waterway.	No permanent impact
Waterway S-C-6 (Ashwaubenon Creek)	Apple and Ashwaubenon Creeks Watershed	44.41681° N -88.12216°W	Southbridge Road crossing east of proposed interchange Widen Southbridge Road to four lanes	No impact	South Bridge Connector east of I-41 Road may be widened requiring modification or replacement of existing structure	Design and construction being completed by Brown County	No work is currently proposed that would impact the waterway. The existing structure is a large box culvert (B-05-0316). The structure was inspected following the 2024 Re-evaluation and determined not to need widening or re-sealing.	No impact

Red text indicates a change from the 2024 Re-evaluation.

Revisions to February 16, 2024, Re-evaluation Highlighted in Blue

THREATENED, ENDANGERED and PROTECTED RESOURCES Factor Sheet

09-23-2025 Wisconsin Department of Transportation

Alternative: 6-lane modernization	**Preferred:** ☒ **Yes** ☐ **No** ☐ **None Identified**	**Project ID:** 1130-63-01

Federal Resources

1. Complete the following table using the Official Species List from U.S. Fish and Wildlife Service (FWS):

Species Common Name	Species Scientific Name	Federal Status	Effect Determination	Justification/ Explanation
Northern Long-Eared Bat (NLEB)	*Myotis septentrionalis*	Endangered	May affect, likely to adversely affect	On January 17, 2024, USFWS determined that due to the presence of bat usage of the bridges and adjacent Apple Creek and Fox River riparian corridors, a determination of Likely to Adversely Affect (LAA) was made. The project activities will extend beyond 300 feet of the existing road and will occur in areas of suitable summer habitat. Although presence/absence surveys have not been conducted in the forested habitat, the NLEB can be assumed to be present based on the findings of the bridge surveys. Due to tree clearing in suitable summer habitat, and presence of assumed NLEB, day roosting habitat at the Apple Creek Bridges and I-41 SB over SOO Line Bridge, and the assumed presence at the residence in the South Bridge western Section, an effect determination has been made that the Project may affect and is likely to adversely affect the species. Potential take is anticipated to be minimal and avoidance and minimization measures (AMMs) consistent with the FHWA programmatic biological agreement are included in the project.
Tricolored Bat (TCB)	*Perimyotis subflavus*	Proposed Endangered	Provisional effect determination - May affect, likely to adversely affect	On January 17, 2024, USFWS determined that due to tree clearing in suitable summer habitat and the presence of assumed Tricolored Bat day roosting habitat at the Apple Creek Bridges and I-41 SB over SOO Line Bridge, and the assumed presence at the residence in the South Bridge western Section, a provisional effect determination has been made that the Project may affect and is likely to adversely affect the species. Potential take is anticipated to be minimal and avoidance and minimization measures (AMMs) consistent with the FHWA programmatic biological agreement are included in the project.
Monarch Butterfly	*Danaus plexippus*	Proposed Threatened	N/A	On January 17, 2024, USFWS determined that the proposed action would permanently remove some low-quality median and roadside habitat for the monarch butterfly for the new travel

				lanes, new interchange, interchange reconfigurations and SWEF improvements. However, the roadsides will be re-vegetated post-construction and will be managed similarly to existing conditions for open roadside habitat. Given the other available habitat for the monarch butterfly within and abutting the corridor, this project is unlikely to jeopardize the continued existence of the species. On December 12, 2024, the U.S. Fish and Wildlife Service announced a proposal to list the Monarch Butterfly (*Danaus plexippus*) as threatened with a 4(d)rule under the Endangered Species Act. If listed, WisDOT will resolve Section 7 consultation prior to let, as appropriate. Construction activities for this project will not take place until WisDOT (in coordination with FHWA) satisfies Endangered Species Act compliance for the Monarch. An updated official species list was obtained on April 8, 2025, reclassifying the species from candidate to proposed threatened. Consultation is required for proposed species if the actions are likely to jeopardize the continued existence of the species. The conference opinion remains valid and no further consultation is needed.
Rufa Red Knot	*Calidris canutus rufa*	Threatened	May affect, not likely to adversely affect	The red knot is a non-nesting migrant shorebird in Wisconsin. On January 17, 2024, USFWS determined that stop-over and foraging habitat for migrating red knots consists of mudflats and sandy beaches to forage for mollusks, invertebrates, and seeds. Red knots may be temporarily near the Project area during migration and there is potential for collision with the tower, however, the project as presently designed, with the use of conservation measures, is not likely to adversely affect the red knot. The project will not have long term impacts on stopover habitat, nor direct impact during the spring migration period that would have population level effects.
Whooping Crane	*Grus americana*	Experimental Population, Non- Essential	No jeopardy to the continued existence	On January 17, 2024, USFWS determined that any whooping cranes present in the action area are treated as proposed species. The proposed action will impact marginally suitable wetland habitat but is not expected to jeopardize the continued existence of the species give the abundance of wetlands providing suitable habitat for the species in the surrounding area. There are no Section 7 consultation requirements. Therefore, no further action is needed for the whooping crane.
Rusty Patched Bumble Bee (RPBB)	*Bombus affinis*	Endangered	May affect, not likely to adversely affect	USFWS updated the RPBB high potential zone (HPZ) in March and May 2025. The revised HPZ overlapped a 3-mile section

				of the I-41 project corridor not previously accounted for in ESA Section 7 consultation or USFWS's programmatic biological opinion. WisDOT prepared a detailed site review of the I-41 project corridor in relation to the RPBB. The site review determined the project had unsuitable habitat or potentially suitable, but very low-quality habitat due to compacted soils, low vegetative diversity and invasive species prevalence. On April 11, 2025, USFWS provided concurrence with a determination that the project "May Affect, Not Likely to Adversely Affect" the RPBB; USFWS provided updated concurrence on September 29, 2025.
Eastern Prairie Fringed Orchid (EPFO)	*Platanthera leucophaea*	Threatened	May affect, not likely to adversely affect	On July 14, 2025, USFWS updated the range of the EPFO with an extent similar to the updated RPBB HPZ described above, which resulted in EPFO appearing on the updated USFWS Species List. In July 2025, WisDOT completed a desktop assessment and field verification of habitat suitability for the construction IDs that overlapped the EPFO range. WisDOT's assessment concluded that EPFO presence was unlikely and effects would be discountable due to the heavily disturbed soils (disturbed prior to EPFO range update), presence of invasive species and generally low quality of the vegetated areas in the corridor. WisDOT sought concurrence from USFWS in a determination of "May Affect, Not Likely to Adversely Affect" for EPFO, and USFWS concurred in that determination on September 29, 2025.

Date of Official Species List: 8/17/2026

2. Is there designated or proposed critical habitat within or near the project?

☒ No

☐ Yes, describe critical habitat, proximity to project, and potential impacts to the critical habitat (you may want to complete the Other Factor Sheet to document the critical habitat):

3. Has Section 7 consultation with FWS been completed?

☐ No, explain:

☒ Yes, describe consultation efforts and conclusions and indicate location within the environmental document:

WisDOT completed the Determination Key for the Northern Long-Eared Bat (NLEB) during the EA study period on February 3, 2021. U.S. Fish and Wildlife Service (USFWS) indicated that based upon WisDOT's Information for Planning and Consultation (IPaC) submission, the I-41 Project was consistent with activities in USFWS's January 5, 2016, Programmatic Biological Opinion (PBO) and that the I-41 Project may affect the NLEB; but any take that may occur because of the project was not prohibited under the Endangered Species Act (ESA) Section 4(d) rule adopted for this species. The USFWS Verification letter, data February 3, 2021, verified that the PBO satisfied and concluded WisDOT's responsibilities for the project under ESA Section 7(a)(2) with respect to the NLEB.

On November 30, 2022, USFWS published a final rule to reclassify the NLEB as endangered under the (ESA), which amended the listing status of the species and removed its species-specific rule issued under Section 4(d)

of the ESA. The effective date of the final rule was extended to March 31, 2023, to allow the USFWS to finalize conservation tools and guidance. Projects not completed by March 31, 2023, that had previously conducted Section 7 consultation with the USFWS on the NLEB needed to reinitiate consultation.

On September 13, 2022, the U.S. Fish and Wildlife Service announced a proposal to list the Tricolored Bat (TCB) as endangered under the Endangered Species Act.

In October of 2023, an official species list was obtained for the project. The official species list was updated on April 8, 2025, March 16, 2026, and August 17, 2026. The official species list is included in **Appendix C**. The Project was evaluated to verify the applicability of the amended 2018 PBO dated March 23, 2023. The Project was not within the scope of the PBO as a portion of the project is greater than 300 feet from the existing road surface, is within suitable summer habitat and evidence of bats was found in bridge surveys completed in June 2023. On October 12, 2023, WisDOT and Federal Highway Administration (FHWA) initiated formal consultation with USFWS by submitting a Biological Assessment for species that may occur within the project area.

On November 14, 2023, WisDOT completed a Re-evaluation Environmental Impact Update Memo (Memo). The Memo documented the Endangered Species Act consultation for the NLEB and Tricolored Bat (TCB) and addressed the reclassification of NLEB from Threatened to Endangered, as well as the proposed listing of the TCB as Endangered. It also identified avoidance and minimization measures required due to the updated consultation on them Project corridor (WisDOT ID 1130-63-00), consistent with WisDOT Facilities Development Manual chapter 20-40 and 23 Code of Federal Regulations (CFR) 771.129.

The Memo documented coordination for the species for I-41 work that would take place between November 14, 2023 and April 1, of 2024, or the effective listing date of the TCB, whichever is first. Section 7 consultation and Endangered Species Act compliance under the Memo was documented by using the Interim Consultation Framework for NLEB and a No Jeopardy Assessment completed by WisDOT and FHWA for the TCB.

Work covered under the Memo included tree clearing that was proposed in winter of 2023 – 2024 at locations identified in the Memo, including the WIS 15 / I-41 Interchange, the County N (Freedom Road) overpass, the County CC (Rose Hill Road) overpass, the Wrightstown Safety and Weight Enforcement Facility (SWEF), and the Southbridge Interchange and Frontage Roads. Trees would be cleared between November 1 and March 31 to comply with avoidance and minimization measure that the trees be cleared during the NLEB and TCB inactive season. A total of 12.2 acres of trees was approved to be cleared under the memo. To date, a small portion of tree clearing has been completed within the areas identified in the Memo.

On January 17, 2024, USFWS issued a Biological Opinion (BO) for the I-41 Project corridor pursuant to Section 7 of the Endangered Species Act of 1973. Direct and indirect effects of the project and interrelated or interdependent activities were analyzed to ensure they are not likely to jeopardize the continued existence of federally listed or proposed endangered or threatened species. The BO is included in **Appendix C** and documented the following:

Whooping Crane (*Grus americana*) - The whooping crane is a non-nesting migrant in this part of Wisconsin. Nesting does not occur in this part of Wisconsin and the project will not have long term impacts on stopover habitat. In Wisconsin, the listing status is Experimental Population, Non-Essential. The project would have no effect on the whooping crane. Any whooping cranes present in the action area are treated as proposed species. The proposed action will impact marginally suitable wetland habitat but is not expected to jeopardize the continued existence of the species give the abundance of wetlands providing suitable habitat for the species in the surrounding area. There are no Section 7 consultation requirements. Therefore, no further action is needed for the whooping crane.

Monarch Butterfly (*Danaus plexippus*) - On December 12, 2024, USFWS proposed to list the monarch butterfly as a threatened species with protective regulations under ESA Section 4(d). The primary threats to the Monarch

butterfly include habitat loss and degradation from conversion of grassland to agriculture, widespread use of herbicides, logging/ thinning at overwintering sites in Mexico, incompatible management of overwintering sites in California, urban development, drought, exposure to insecticides, and effects of climate change. It is possible that the species may become listed before the Project is completed.

The Project will result in temporary and permanent impacts to suitable habitat for monarch butterfly. Specifically, common milkweeds may be impacted resulting in take of the eggs and/or larvae of the butterfly. The proposed action would permanently remove some low-quality median and roadside habitat for the monarch butterfly for the new travel lanes, new interchange, interchange reconfigurations and WSWEF improvements. However, the roadsides will be re-vegetated post-construction and will be managed similarly to existing conditions for open roadside habitat. The BO issued by USFWS January 17, 2024, determined that given the availability of other habitat for the monarch butterfly within and abutting the corridor, this project is unlikely to jeopardize the continued existence of the species. Because the species was a candidate for listing and was not listed, no further action was needed for the monarch butterfly at that time. The species is now classified as proposed endangered. There are no Section 7 consultation requirements given the determination that the action is not likely to jeopardize the continued existence of the monarch butterfly. Therefore, no further action is needed.

Red Knot (*Calidris canutus rufa*) – The Red Knot is a non-nesting migrant shorebird in Wisconsin. Stop-over and foraging habitat for migrating red knots consists of mudflats and sandy beaches to forage for mollusks, invertebrates, and seeds. Red knots may be temporarily near the Project area during migration and there is potential for collision with the tower, however, the project as presently designed is not likely to adversely affect the red knot. The project will not have long term impacts on stopover habitat, nor direct impact during the spring migration period that would have population level effects.

Bald and Golden Eagle Protection Act – Bald eagles (*Haliaeetus leucocephalus*) are currently found statewide, including Brown and Outagamie Counties. Brown and Outagamie Counties have documented recent, active bald eagle nests. Bald eagles prefer forested areas for nest placement adjacent to large bodies of water for foraging. They can tolerate human activity when foraging and will often be found below dams where fish congregate and at landfills where they can scavenge. Bald eagles may winter within the Project area if food is abundant and available (i.e., open water). Bald eagles may begin nesting as early as January and continue through July. According to the WDNR NHI Database, there are known eagle nests within one-mile of the project area, but no known nests within 660-feet of the project footprint area at the time of completion of the BA.

The NHI review will be renewed annually prior to construction to verify there are no new records of eagle nests within 660-feet of the project footprint. If new nests are identified between the time of the Biological Opinion, and construction, nest avoidance measures will be implemented, which includes a 660 feet buffer if project activity is visible from the nest, or a 330 feet buffer if project activity is not visible from the nest. If work is to be done within the buffer area, then it is recommended to take place outside of the nesting season (September – December).

Northern Long-Eared Bat (*Myotis septentrionalis*) – On November 30, 2022, the U.S. Fish and Wildlife Service published a final rule to reclassify the NLEB as endangered under the Endangered Species Act (ESA). Due to the presence of bat usage of the bridges and adjacent Apple Creek and Fox River riparian corridors, a determination of Likely to Adversely Affect (LAA) was made. The project activities will extend beyond 300 feet of the existing road and will occur in areas of suitable summer habitat. Although presence/absence surveys have not been conducted in the forested habitat, the NLEB can be assumed to be present based on the findings of the bridge surveys.

This Project will not jeopardize the continued existence of the species because the bat's primary reason for decline is WNS. WNS has led to an 81% decline in NLEB winter colony abundance (USWS, 2022). There are no

known hibernacula within 0.5 miles of the Project area. Additionally, this Project will not prevent the survival or recovery of the bat population as a whole nor will it affect any hibernaculum or maternity roosting sites. Due to tree clearing in suitable summer habitat, and presence of assumed NLEB, day roosting habitat at the Apple Creek Bridges and I-41 SB over SOO Line Bridge, and the assumed presence at the residence in the South Bridge western Section, an effect determination has been made that the Project may affect and is likely to adversely affect the species.

Potential take cannot be estimated given that no surveys in forested habitat were completed for this project. However, potential take is anticipated to be minimal. Avoidance and minimization measures (AMMs) will be adhered to and implemented (USFSW 2022).

Tricolored Bat (*Perimyotis subflavus*) - On September 14, 2022, the USFWS announced a proposal to list the Tricolored Bat as endangered under the ESA. This Project will not jeopardize the continued existence of the Tricolored Bat because the bat's primary reason for decline is WNS. WNS has led to a 90 to 100% decline in Tricolored Bat winter colony abundance at sites where the disease is present (USWS, 2022). Additionally, this Project will not prevent the survival or recovery of the bat population as a whole nor will it affect any hibernaculum or maternity roosting sites.

Due to tree clearing in suitable summer habitat and the presence of assumed Tricolored Bat day roosting habitat at the Apple Creek Bridges (see Appendix A – Page 28, frontage road bridges over Waterway S-B-3) and I-41 SB over SOO Line Bridge (see Appendix A – Page 5, I-41 bridge over Canadian National Railroad), and the assumed presence at the residence in the South Bridge western Section, a provisional effect determination has been made that the Project may affect and is likely to adversely affect the species.

Potential take cannot be estimated given that no surveys in forested habitat were completed for this project. However, potential take is anticipated to be minimal. Avoidance and minimization measures (AMMs) consistent with the FHWA programmatic biological agreement will be adhered to and implemented (USFSW 2022).

<u>NLEB and TCB Habitat Effects</u>
It is not reasonable to assume that culverts and bridges associated with the I-41 Project in northeastern Wisconsin would provide above freezing temperatures and high humidity levels in the winter, given that they are open to the elements. Therefore, it is not assumed that the culverts and bridges associated with the Project could support hibernating NLEBs.

Meanwhile, during the non-hibernating season (i.e., spring, summer, fall), NLEB roost in trees with loose bark, cavities and or crevices as well as anthropogenic structures such as buildings, bridges (WDNR, 2022, USFWS, 2022). Both male and female NLEBs also exhibit high site fidelity. Female NLEBs form maternity colonies, where pups from multiple females are housed. Females will leave nonvolant pups in these colonies while they forage and return frequently to nurse their young.

Had the Apple Creek Bridges or the Soo Line Railroad Bridge been providing maternity roost habitat, non-volant pups would have been observed and considerably more guano would have been expected. Due to the presence of bat usage of the bridges and adjacent Apple Creek and Fox River riparian corridors, the Project has the potential to directly affect NLEB. The project will implement applicable avoidance and minimization measures (AMMs) that were developed as part of the *Programmatic Biological Opinion (PBO) for Transportation Projects in the Range of the Indiana Bat and Northern Long-Eared Bat* to reduce the potential to directly impacting bats, even though the Project does not meet the scope of the PBO.

Tree cutting restrictions in suitable summer roost habitat will be implemented during the NLEB breeding/active season from April 1 through October 31. It is anticipated that a total of 38.31 acres of suitable summer habitat would be impacted by tree clearing for the Project. With regards to the bridge reconstructions, the Project requires complete removal of the bridges and construction of new structures. The two existing bridges that have

signs of bat usage will be demolished during the hibernation/ non-active season of NLEB (i.e., November 1 – March 31), when the species will not be present within the structures. If this is not possible, exclusion measures will be implemented to prevent bats from using the bridge structure prior to and during the active season (i.e., April 1- October 31) while works are ongoing. The remaining bridges that did not have signs of bat usage will not have timing restrictions associated with their demolition. The application of these timing restrictions will protect the species from direct harm (i.e., mortality) due to the construction activities (i.e., tree cutting and bridge removal).

NLEB and TCB Noise Effects

Noise disturbance from traffic noise and construction activities could potentially result in reduced survivability of individuals from increased susceptibility to predation, reduced quality of social environments and reduced foraging efficiencies. Potential effects of increased noise on bats are acute acoustic trauma, disturbance and displacement from important food and shelter resources, and signal masking. However, bats have multiple behavioral and physiological defensive mechanisms that help them prevent noise overexposure, which is likely to effectively shield individuals from most trauma events that would occur from highways noise. Bats are frequently confronted with exceptionally loud sounds from their own and other bat echolocation signals which can reach 110 decibels (dB). As a result, bats have evolved protective mechanisms to prevent sensory overload and auditory system damage. Signal masking is also likely to have no impact because bat echolocation calls are in the ultrasonic range beyond the upper frequency limits of highway noise (West, 2016).

NLEB and TCB Lighting Effects

Lighting will be installed along the roadways, parking lots, on the communication towers and on the WSWEF building as described in Section 1.3. Down-shielded lighting for roadway and parking lots will used help to limit light pollution. A trace amount of up-light may be emitted from walkway lighting, minimum security lighting for the WSWEF building, and flashing lights on the taller communication tower will emit ≤ 2,000 candela (cd) at night at a rate of 30 flashes per minute (fpm) (± 3 fpm). Lighting AMMs as described below will be implemented whenever practicable.

NLEB avoid or reduce activity in areas lit artificially and studies involving bat species like the NLEB suggest that artificial light could reduce the suitability of an area for foraging and cause them to avoid lit areas (USFWS 2023b). Although the additional lighting may reduce the suitability of the area for NLEB, the areas where lighting will be installed along the I-41 corridor are already urbanized and are lit, so by a slight increase in additional lighting, the impacts to the suitability of the habitat for NLEB are expected to be minimal. The avoidance of lit areas is therefore not expected to increase mortality due to vehicle collision.

NLEB and TCB Other Structure Effects

Two communication towers will be constructed associated with the WSWEF facility. Bat collisions with communication towers are typically rare, and collisions are more likely to occur from the guy wires supporting the structure. The towers have been designed as self-supported towers without guy wires, which will reduce the potential for direct impacts to bats due to collision. The noise barriers would most likely be a lightweight concrete barrier. According to the FHWA, the average height of a noise barrier is 14 feet. Most NLEB foraging occurs 3 to 10 ft above the ground (USFWS, 2022b). Bat collision with structures is not typically a primary concern for bats, however it may potentially occur. The expected benefits of the noise barriers to reduce noise impacts in the project area are likely to outweigh the slight chance of a collision of a bat with the noise wall.

Indirect and Cumulative Effects

The Project may indirectly increase the amount of artificial lighting within the Project area due to two additional traffic lanes being added by the Project in what currently exists as the median and the construction and replacements of the interchanges, which may increase the artificial lighting at the interchanges and from vehicle headlights. NLEB avoid or reduce activity in areas lit artificially and studies involving bat species like the NLEB suggest that artificial light could reduce the suitability of an area for foraging and cause them to avoid lit areas (USFWS 2023b).

Although the additional lighting may reduce the suitability of the area for NLEB and TCB, the areas of the interchanges and the I-41 corridor are already urbanized and are lit, so by a slight increase in additional lighting, the impacts to the suitability of the habitat for NLEB and TCB are expected to be minimal. The avoidance of lit areas is therefore not expected to increase mortality due to vehicle collision. It has been shown that artificial lighting has no effect on foraging activity but may decrease activity for TCB. Therefore, the project may have an indirect effect to Tricolored Bats due to lighting, but it is unknown as to what extent.

It is anticipated that the interstate expansion may result in the promotion of new development, which may result in the permanent removal of additional summer roosting habitat outside of the Project footprint. However, indirect effects from the Project are anticipated to be limited. Except for the new interchange, the Project is addressing existing capacity issues and development along the corridor is happening regardless of the Project due to a variety of reasons such as housing needs. These effects are not anticipated to affect the survival of the species or prevent its recovery.

This project combined with the current and future land development outside of the project limits, but within the vicinity of the project, could cumulatively impact loss of suitable habitat for NLEB and TCB. Increased development could contribute to the cutting of trees, increase habitat fragmentation, and increase indirect effects. However, the surrounding area is already largely developed or is in use as active agricultural land. The primary habitat corridors that are forested and following waterways are largely not in jeopardy for future impact. Overall, the Project is not reasonably expected to result in cumulative effects to NLEB or TCB or other species addressed in the BO.

Incidental Take of NLEB and TCB

Tree Removal – USFWS anticipates that tree removal associated with the proposed Project will cause incidental take of NLEBs. As described in the Incidental Take Statement (ITS) of the BO, quantifying the specific number of individuals affected is not practicable. Therefore, the Services uses a surrogate (acreage of tree removal) to prove a means of expressing and monitoring take of the NLEB. The Proposed Project will remove approximately 38.31 acres of trees from habitat that is suitable for the NLEB that are anticipated to result in adverse effects.

Bridge, Culvert, and/or Structure Activities – Incidental take of NLEBs is reasonably certain to occur at up to 10 bridges/culverts or structures range-wide in a 12-month period when signs of bat use or occupancy was observed (five or fewer bats observed), as covered under the ITS in the BO (Table 1).

Table 1: Amount and type of anticipated incidental take

Common Name	Estimated Total Acres of Trees Removed from Habitat that is Suitable	Estimated Total Number of Individuals from Bridge, Culvert, and/or Structure Activities
Northern Long-Eared Bat	38.31	5
Tricolored Bat	38.31	5

Effects of the Take

The USFWS has determined that based on the proposed project and the conservation measures described, these levels of anticipated take are not likely to result in jeopardy to NLEB for the Project. Furthermore, Project activities are not expected to jeopardize the existence of TCB. No critical habitat has been defined for the bat species; therefore, the Project will not result in adverse modification of critical habitat.

Reporting Dead or Injured Bats

The Wisconsin Department of Transportation, on behalf of the FHWA, and any contractors must take care when handling dead or injured NLEB and TCB, or any other federally listed species that are found at the project site to preserve biological material in the best possible condition and to protect the handler from exposure to diseases, such as rabies. Project personnel are responsible for ensuring that any evidence about determining the cause of

death or injury is not unnecessarily disturbed. Reporting the discovery of dead or injured listed species is required in all cases to enable the USFWS to determine whether the level of incidental take exempted by this BO has been exceeded, and to ensure that the terms and conditions are appropriate and effective. Parties finding a dead, injured, or sick specimen of any endangered or threatened species must promptly notify the USFWS Office.

Rusty Patched Bumble Bee (*Bombus affinis*) – The RPBB was not documented in the January 17, 2024, PBO issued by USFWS for the I-41 Project corridor pursuant to ESA Section 7. USFWS updated the RPBB high potential zone (HPZ) in March and May 2025, and in March 2026. The revised HPZ overlapped a 3-mile section of the I-41 project corridor. On April 8, 2025, WisDOT completed USFWS's Rusty Patched Bumblebee Range-wide Key found in the Voluntary Implementation Guidance Version 3.3. The RPBB Range-wide Key generated a "May Affect" determination. USFWS had not yet made the RPBB determination key available through the IPaC tool during the time of this informal consultation.

WisDOT prepared a detailed site review of the I-41 project corridor in relation to the RPBB, available in **Appendix C**. The site review determined the project had a total disturbance in the HPZ of 74.5 acres. 51.2 acres of the total were identified as potentially suitable, but very low-quality habitat due to compacted soils, low vegetative diversity and invasive species prevalence. The remaining 23.3 acres are considered unsuitable habitat due to roadway salt, noise, mowing impacts and invasive phragmites. Based on the findings of the detailed site review, WisDOT requested USFWS concurrence for an effect determination of "May Affect, Not Likely to Adversely Affect" for the RPBB.

On April 11, 2025, USFWS provided concurrence with a determination of "May Affect, Not Likely to Adversely Affect" for the RPBB; USFWS updated their concurrence on September 29, 2025, refer to **Appendix C**. USFWS concurred that the I-41 project action area consists of very low-quality nesting and foraging habitat due to soil compaction, proximity to highway noise and salt impacts, regular mowing, invasive species and lack of floral resources to support nests, making it unlikely the species would occur in these areas and therefore impacts are discountable. No overwintering habitat will be impacted. Areas of suitable habitat in the HPZ associated with project ID 1130-63-74 would be disturbed prior to April 15, 2026. On June 1, 2026, USFWS published a final rule designating critical habitat for the RPBB, effective on July 1, 2026. The I-41 Project does not overlap the RPBB critical habitat.

Eastern Prairie Fringed Orchid (*Platanthera leucophaea*) – The EPFO was not documented in the January 17, 2024, PBO issued by USFWS for the I-41 Project corridor pursuant to ESA Section 7. On July 14, 2025, USFWS updated the range of the EPFO with an extent similar to the updated RPBB HPZ described above, which resulted in EPFO appearing on the updated USFWS Species List. In July 2025, WisDOT completed a desktop assessment and field verification of habitat suitability for the construction IDs that overlapped the EPFO range. WisDOT's assessment concluded that EPFO presence was unlikely and effects would be discountable due to the heavily disturbed soils (disturbed prior to EPFO range update), presence of invasive species and generally low quality of the vegetated areas in the corridor. WisDOT sought concurrence from USFWS in a determination of "May Affect, Not Likely to Adversely Affect" for EPFO, and USFWS concurred in that determination on September 29, 2025, noting that the WDNR Natural Heritage Inventory showed no known EPFO occurrences within a 2-mile buffer of the project limits, see **Appendix C**.

4. **Are avoidance, minimization or mitigation measures included in the project to reduce or offset impacts?**

☐ No, explain:
☒ Yes, briefly describe here:

For bridges where evidence of bats was observed, including bridges over Apple Creek and I-41 bridge over the Fox Valley and Lake Superior Railroad east of Lynndale Drive:

- Consistent with Bridge AMM 2 in the BO (for areas with <5 bats observed), the following types of bridge work can generally be conducted during the active season with the presence of bats:

Above deck work where construction equipment or materials do not extend to the underside of deck where bats may be located (e.g., materials that may drip down to underside of deck) and does not include percussives (vibration) or noise levels above general traffic (e.g., road line painting, wing-wall work). Below deck work that is conducted away from roosting bats and does not involve percussives or noise level above general traffic (e.g., wing-wall work, some abutment, beam end, scour, or pier repair). Any other bridge repair, retrofit, maintenance, and/or rehabilitation (which may include activities with percussives) conducted in the evening while the bats are feeding, starting one hour after sunset, and ending one hour before daylight excluding the hours between 10 p.m. and midnight and keep the light localized.

- The two existing bridges that have signs of bat usage will be demolished during the hibernation/ non-active season of Tricolored Bat (i.e., November 1 – March 31), when the species will not be present within the structures. If this is not possible, exclusion measures will be implemented to prevent bats from using the bridge structure prior to the start of and during the active season (i.e., April 1- October 31) while work is ongoing. The remaining bridges that did not have signs of bat usage will not have timing restrictions associated with their demolition.
- Suitable roosting habitat would be maintained within the bridge once construction / replacement is complete.

In addition, the following **Avoidance and Minimization Measures (AMMs)** for Northern Long-Eared Bat (NLEB) and Tricolored Bat (TCB) will be implemented:

General AMM 1: Ensure all operators, employees, and contractors working in areas of known or presumed bat habitat are aware of all FHWA and WisDOT environmental commitments, including all applicable AMMs.
Lighting AMM 1. Direct temporary lighting away from suitable habitat during the active season.
Lighting AMM 2. When installing new or replacing existing permanent lights, use downward facing, full cut-off lens lights (with same intensity or less for replacement lighting); or for those transportation agencies using the BUG (Backlight, Uplight, and Glare) system developed by the Illuminating Engineering Society the goal is to be as close to 0 for all three ratings with a priority of "uplight" of 0 and "backlight" as low as practicable.
Tree Removal AMM 1. Modify all phases/aspects of the Project (e.g., temporary work areas, alignments) to the extent practicable to avoid tree removal in excess of what is required to implement the Project safely.
Tree Removal AMM 2. Apply time of year restrictions for tree removal (when bats are not likely to be present), November 1 to March 31 of the calendar year.
Tree Removal AMM 3. Ensure tree removal is limited to that specified in Project plans and ensure that contractors understand clearing limits and how they are marked in the field (e.g., install bright colored flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits).
Bridge AMM 2. If bridge assessment or P/A surveys suggest presence of a small number of bats (<5 – not a colony), and work is conducted during the active season, the following types of bridge work can generally be conducted with the presence of bats:

- Above deck work where construction equipment or materials do not extend to the underside of deck where bats may be located (e.g., materials that may drip down to underside of deck) and does not include percussives (vibration) or noise levels above general traffic (e.g., road line painting, wing-wall work). Below deck work that is conducted away from roosting bats and does not involve percussives or noise level above general traffic (e.g., wing-wall work, some abutment, beam end, scour, or pier repair).
- Any other bridge repair, retrofit, maintenance, and/or rehabilitation (which may include activities with percussives) conducted in the evening while the bats are feeding, starting one hour after sunset, and ending one hour before daylight excluding the hours between 10 p.m. and midnight and keep the light localized.

Reasonable and Prudent Measures (RPMs) USFWS believes the following RPMs are necessary and appropriate to minimize impacts of incidental take of NLEB and TCB:

1. WisDOT and FHWA will ensure that all of the conservation measures identified in the BA and outlined under DESCRIPTION OF THE PROPOSED ACTION are implemented.
2. WisDOT and FHWA will ensure that the USFWS is notified of construction initiation and completion dates, as well as any unforeseen circumstances.
3. Should a dead or injured NLEB or TCB be found during project activities, the WisDOT and FHWA will ensure that all construction activities cease immediately and that the USFWS is notified.

Terms and Conditions

In order to be exempt from the prohibitions of Section 9 of the Act, the FHWA and WisDOT must ensure compliance with the following terms and conditions, which implement the RPMs described above. These terms and conditions are non-discretionary.

Terms and Conditions to fulfill RMP #1:

1.1 Notify contractors and construction staff of conservation measures and ensure compliance with these measures.

1.2 Bridge/culvert surveys for NLEB and TCB will be conducted before construction activities begin. Construction activities should not begin until after the USFWS has been notified of survey results (if not already on-site during the survey).

1.3 Only individuals with authorization to capture NLEB and TCB will capture and handle NLEB and TCB.

1.4 If any conservation measures cannot be implemented or require modification, contact the USFWS for further discussion.

Terms and Conditions to fulfill RMP #2:

2.1 Notify USFWS biologist Darin Simpkins via email or phone when construction is expected to begin.

2.2 Provide contact information for USFWS biologist Darin Simpkins to appropriate on-site staff so that they can immediately notify the USFWS of any unforeseen/emergency circumstances or request clarification regarding conservation measures or terms and conditions.

2.3 Notify USFWS biologist Darin Simpkins (see above) when construction is completed.

2.4 WisDOT will coordinate with the USFWS and WDNR to discuss and implement feasible conservation measures to avoid or impact NLEB and TCB located within or near the action area.

Terms and Conditions to fulfill RMP #3:

3.1 Cease all construction activities if a dead or injured NLEB and TCB is found during project activities and immediately notify USFWS biologist Darin Simpkins via email or phone.

3.2 If a dead or injured NLEB and TCB is found, consult with the USFWS to review and reevaluate the conservation measures to prevent additional injury or mortality throughout the remaining project activities.

In addition, the following **AMM** for RPBB will be implemented:

1. WisDOT has agreed to continue maintenance mowing and that areas already stripped of vegetation will deter feeding and nesting and will encourage that project activities avoid bees during sensitive periods, such as nesting and foraging. WisDOT also committed that areas of suitable habitat in the HPZ associated with project ID 1130-63-74 would be disturbed prior to April 15, 2026.

State Resources

1. Are state threatened or endangered species known to occur in the project area?

☐ None identified.

☒ Yes.

Date of Natural Heritage Inventory (NHI) database review or DNR initial review letter:

On 04/08/2026, DNR updated the NHI database review for the section from County U to the north project limits. DNR is also completing targeted NHI updates at the time of each final concurrence request. Prior reviews of the NHI database were completed for Outagamie County on 10/02/2023 and for Brown County on 09/29/2023.

2. Are impacts to state-listed species anticipated as a result of the project?

☐ No, explain:
☒ Yes, explain:

One state-threatened plant species would have been impacted by the proposed improvements to the WIS 15/County OO interchange.

3. Has threatened and endangered resource coordination with DNR been completed?

☐ No, explain:
☒ Yes, attach and reference location in this document:

Through ongoing coordination with WDNR, WisDOT began surveys for state-listed species in fall 2021. The survey found no evidence of two listed plant species but identified suitable habitat for a third plant species. WisDOT conducted follow-up survey in Summer 2022 and the third plant species was identified with the project area. A Conservation Plan was developed and included relocation of the plants to a suitable location outside of the project area, as well as provisions for monitoring of the relocated plants. WDNR concurred with this plan and an Incidental Take Authorization was issued on April 20, 2023. The Incidental Take Authorization is included in **Appendix C**. WisDOT also received concurrence from WDNR on September 2, 2025, for the completion of a monitoring plan for the state-listed threatened plant. The results of the monitoring report showed mixed results across the relocated clusters, with a few clusters facing challenges from invasive encroachment and animal disturbance.

4. Are avoidance, minimization or mitigation measures included in the project to reduce or offset impacts?

☐ No, describe:
☒ Yes, briefly describe:

All individuals working on the project site (e.g., engineers, construction crew, biologists) will be briefly trained on the general conservation measures associated with the Incidental Take Authorization, including what areas to avoid. This will be done during the pre-construction meeting with WisDOT and the awarded contractor. In the areas of suitable habitat where the plant was found, but would not be impacted, those areas will be clearly marked off from construction. Safety fencing (orange fencing) will be added to the special provisions which will allow the contractor to mark off the construction zone.

Other Protected Resources
Bald and Golden Eagles

1. Are bald and/or golden eagles known to occur near the project?

☐ None identified, proceed to Migratory Birds Question
☒ Yes, describe here and continue to Question 2:

Bald and Golden Eagles are known to be present within all counties of the state and known to occur near the project area. DNR NHI review documented that there are eagle nests within one mile of the project but not within the 660 foot buffer.

2. Will there be adverse or beneficial effects on bald and/or golden eagles as a result of the project?

☒ No, explain:

No adverse impacts identified by WDNR in agency coordination as known nests are not within 660-foot buffer and no nests will be disturbed by the project.

☐ Yes, indicate whether effects are adverse or beneficial and describe potential effects:
- ☐ Adverse, describe:
- ☐ Beneficial, describe:

3. **Has bald and golden eagle-related coordination with WDNR and/or FWS been completed?**

☐ No, explain: These species were not identified through agency coordination.
☒ Yes, attach and reference location in this document:

See DNR's August 19, 2021, email in **Appendix C** documenting that no nests are present near the project area. WDNR confirmed the absence of nests on August 25, 2025, and confirmed that no new records have been identified on the sections of the project that have been let. USFWS documented in the Biological Opinion for the project the following:

Bald and Golden Eagle Protection Act
Bald eagles (Haliaeetus leucocephalus) are currently found statewide, including Brown and Outagamie Counties. Brown and Outagamie Counties have documented recent, active bald eagle nests. Bald eagles prefer forested areas for nest placement adjacent to large bodies of water for foraging. They can tolerate human activity when foraging and will often be found below dams where fish congregate and at landfills where they can scavenge. Bald eagles may winter within the Project area if food is abundant and available (i.e., open water). Bald eagles may begin nesting as early as January and continue through July. According to the WDNR NHI Database, there are known eagle nests within one-mile of the project area, but no known nests within 660-feet of the project footprint area at the time of completion of this BA.

The NHI review will be renewed annually prior to construction to verify there are no new records of eagle nests within 660-feet of the project footprint. If new nests are identified between the time of the Biological Opinion, and construction, nest avoidance measures will be implemented, which includes a 660 feet buffer if project activity is visible from the nest, or a 330 feet buffer if project activity is not visible from the nest. If work is to be done within the buffer area, then it is recommended to take place outside of the nesting season (September – December). This requirement has been added to the project commitments.

4. **Are avoidance, minimization or mitigation measures included in the project to reduce or offset impacts?**

☒ No, explain:

No bald or golden eagle nests present within the 660 foot buffer and no measures are needed at this time. NHI review on an annual basis will determine if project specific measures are needed. As detailed above, If new nests are identified between the time of the Biological Opinion, and construction, nest avoidance measures will be implemented, which includes a 660 feet buffer if project activity is visible from the nest, or a 330 feet buffer if project activity is not visible from the nest. If work is to be done within the buffer area, then it is recommended to take place outside of the nesting season (September – December).

☐ Yes, briefly describe:

Migratory Birds

1. **Are migratory birds known to occur in the vicinity of the project?**

☐ None identified, remainder of questions do not need to be completed
☒ Yes, describe here and continue to Question 2:

Rufa Red Knot is a migratory bird and other non-threatened/endangered migratory birds listed in the USFWS Official Species List found in **Appendix C**.

2. **Will there be adverse or beneficial effects on migratory birds because of the project?**

☒ No, explain:

Tree clearing during the winter will avoid impacts to migratory birds, but no beneficial or adverse effects have been identified. The project will follow WisDOT guidance listed below for migratory bird deterrence at bridges and other structures.

☐ Yes, indicate whether effects are adverse or beneficial and describe potential effects:
- ☐ Adverse, describe:
- ☐ Beneficial, describe:

3. **Has migratory bird-related coordination with WDNR and/or FWS been completed?**

☐ No, explain:

☒ Yes, attach and reference location in this document:

See USFWS Biological Opinion in **Appendix C**. After the 2024 Re-evaluation, WisDOT conducted inspections for upcoming construction projects, identified the need for MBTA depredation permits at two bridges and obtained the permits.

4. **Are avoidance, minimization or mitigation measures included in the project to reduce or offset impacts?**

☐ No, explain:

☒ Yes, briefly describe:

As per the March 1, 2021, Migratory Bird Treaty Act Compliance Guide (wisconsindot.gov) to avoid potential impacts to nesting migratory birds, work on bridges will occur between September 1 and April 14 (non-nesting season) or utilize measures to prevent nesting (e.g., remove unoccupied nests during the non-nesting season and install barrier netting prior to April 15). If netting is used, WisDOT will properly maintain it and remove it as soon as the nesting period is over. If neither of these options is practicable, the WisDOT construction project manager will notify the Northeast Region Technical staff who will coordinate with USFWS on actions that have the potential to result in migratory bird take, whether incidental or authorized by FAST Act Section 1439.