

Information for File # 2010-04033-AMN

Applicant: Wisconsin Department of Transportation

Corps Contact: Ann Nye

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Phone: (651) 290-5859

Primary County: Outagamie

Section, Township, Range: Sections 4, 9, 16, & 21, T. 23N., R. 16E.
Sections 4, 9, 16, 21, 22, 27, 28, 33, & 34, T. 24N., R. 16E.

Information Complete On: February 13, 2014

Posting Expires On: April 11, 2014

Authorization Type: LOP-06-WI

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. If an approved jurisdictional determination is made, it will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

Project

PROJECT DESCRIPTION AND PURPOSE: The applicant proposes to discharge dredged and fill material into 2.52 acres of wetlands adjacent to unnamed tributaries to the Wolf River along 9.8 miles of STH 187 located between WIS 54 in Shiocton and the north county line. The project would consist of milling the existing surface and overlaying it with Hot Mix Asphalt, replacing all culverts with culverts that extend to the clear zone, updating three sections of beam guard, clearing vegetation, placing chevrons at curves, and opening up vision triangles. The purpose of this work would be to maintain the existing roadway and to conduct safety improvements. A previously authorized highway safety improvement project for the segment of STH 187 located between Deerview Road and Schinke Road will occur in 2014.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: The proposed project would result in the permanent loss of 2.52 acres of wetlands adjacent to unnamed tributaries to the Wolf River. Specifically, the project would impact 1.02 acres of Wet Meadow (M) wetlands, 0.41 acre of Riparian Wooded (RPF) wetlands, 0.19 acre of Shallow Marsh (SM) wetlands, 0.23 acre of Riparian Emergent (RPE) wetlands, 0.21 acre of Shrub Scrub (SS) wetlands, and 0.20 acre of Wooded Swamp (WS) wetlands. The project would also require two culvert replacements in unnamed tributaries to the Wolf River.

ALTERNATIVES CONSIDERED: The applicant conducted an alternatives analysis as part of the planning for the proposed project. The potential alternatives that were identified, evaluated, and subsequently eliminated include a no action alternative, full reconstruction of this road segment, and replacing the culverts in kind.

The preferred alternative (milling and overlaying the existing road and replacing culverts with culverts that extend to the clear zone) was chosen over the other alternatives because it would correct the substandard ride, eliminate the need for costly maintenance patches, and add safety improvements, while minimizing impacts to waters of the U.S.

COMPENSATORY MITIGATION: In accordance with the *Wisconsin Department of Transportation Wetland Mitigation Banking Technical Guideline*, the applicant has proposed to debit compensatory mitigation credits from the Hope Marsh Phase II Mitigation Bank located in Marquette County, Wisconsin as compensation for the unavoidable impacts to wetlands. Compensatory mitigation would be required at a ratio of between 1.0-1.1:1.0 for all wetland impacts, resulting in the debit of 2.29 credits.

Drawings See attached.

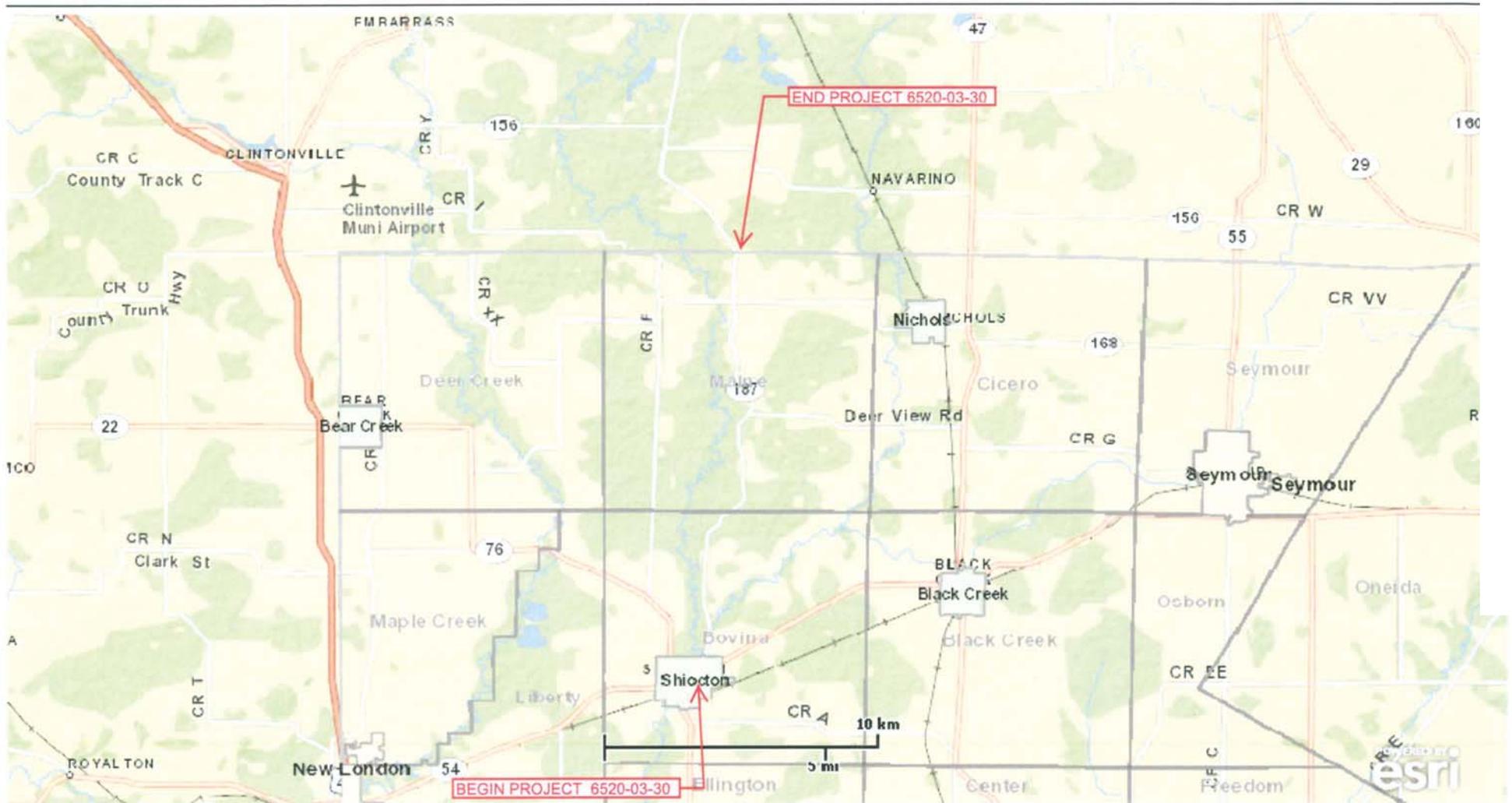


Figure 1 - Regional Project Map
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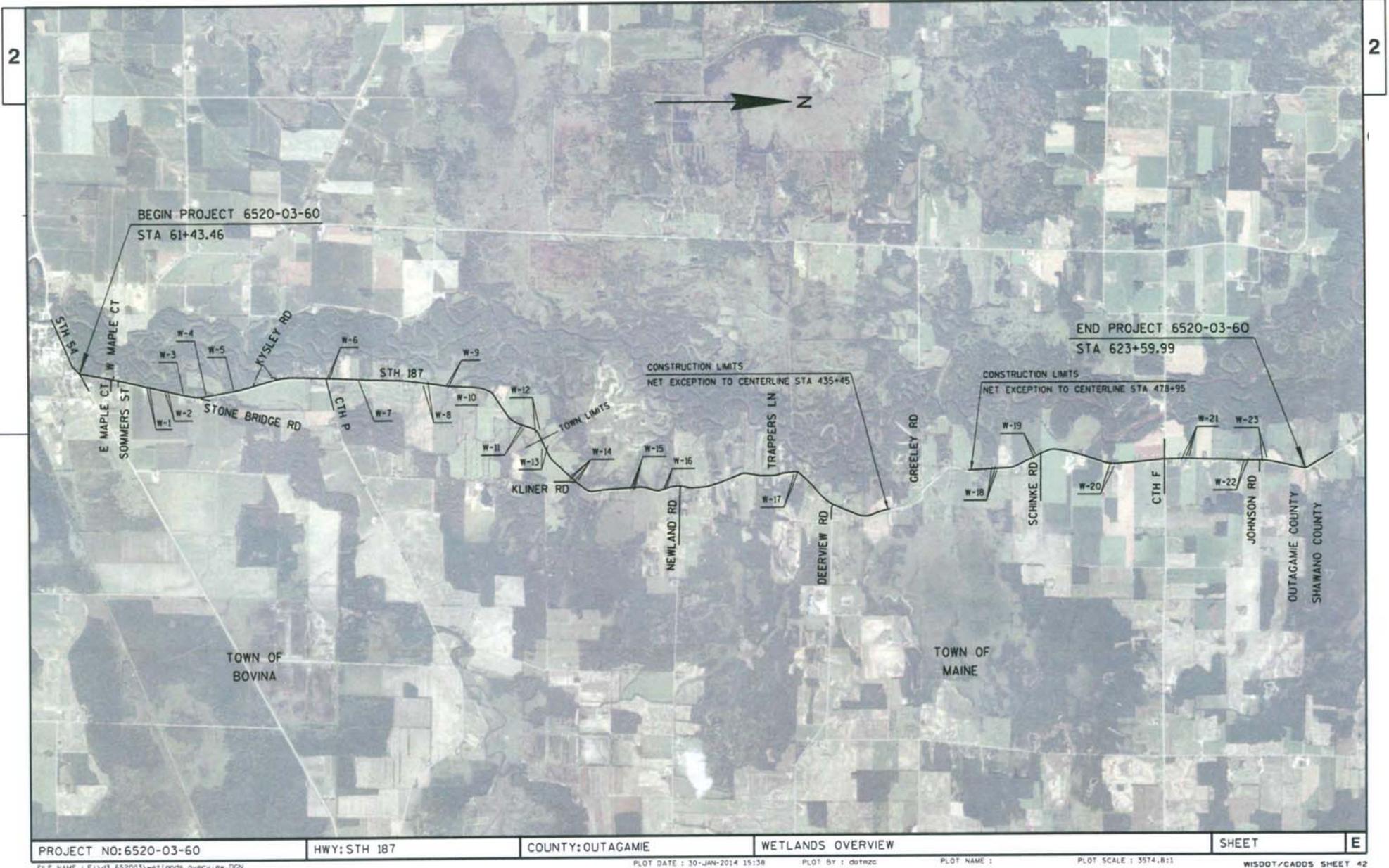
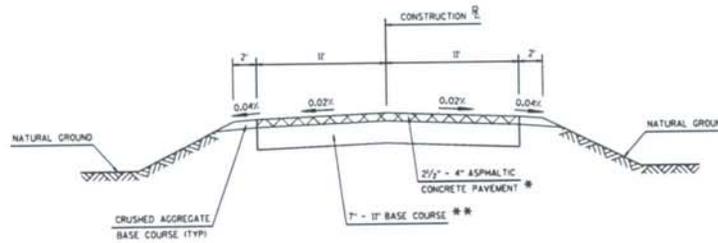


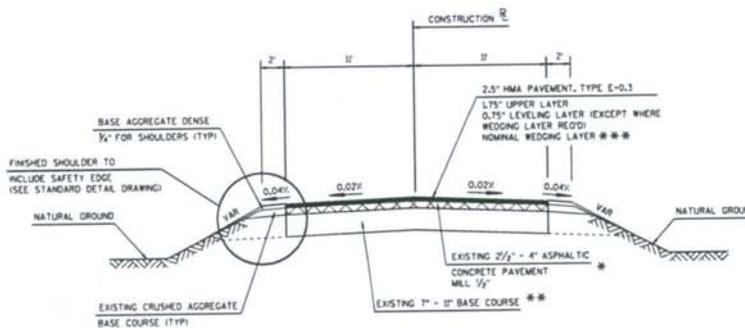
Figure 2 - Wetland Impact Overview
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TYPICAL EXISTING CROSS SECTION FOR STH 187

61+43.46 - 434+45.00
478+95.00 - 623+59.99

- * VARIES 2 1/2" TO 4" THROUGHOUT LIMITS
- ** VARIES 7" TO 11" THROUGHOUT LIMITS
- *** SEE CONSTRUCTION DETAIL FOR LOCATIONS AND NOMINAL DEPTHS



TYPICAL PROPOSED CROSS SECTION FOR STH 187

61+43.46 - 434+45.00
478+95.00 - 623+59.99

Figure 3 - Typical Cross-Section
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