



USH 41 (ORANGE LANE – GLORY ROAD) BROWN COUNTY

Client

WisDOT, NE Region
Chuck Karow
944 Vanderperren Way
Green Bay, WI 54304-5344
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HNTB Corporation
Christopher Devery
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Project ID's

1133-06-00/71/72

Design Start

May 2006

Design Completion

Anticipated June 2008

Construction Start

Anticipated Spring 2012

Construction Completion

Anticipated Fall/Winter 2014

Estimated Construction Cost

\$50,000,000.00

Project Manager

Amanda Zacharias, P.E.

Design Leader

Tammy Tucker, E.I.T.

Structure Engineer

Bill Hove, P.E., S.E.



For this project, DAAR has been operating as a sub-consultant to HNTB for roadway and structure design assistance. DAAR received a 1.42-mile portion of the USH 41 freeway, which included the CTH F/Scheuring Road Interchange. The project included the reconstruction of 5 bridges and 1 reinforced concrete box culvert as well as an extension of another reinforced concrete box culvert. Coordination required with corridor teams included roundabout analysis, ITS Architecture, structures, storm water, and environmental impacts. Deficient horizontal and vertical curves were corrected to meet desirable department standards.

Extensive coordination with the City of De Pere was required to incorporate the City's design plan of the Lawrence Drive frontage road into the USH 41 and CTH F design. The proper location of the proposed USH 41 auxiliary lane between CTH F and CTH G as well as the location of the additional driving lane along the west side of Lawrence Drive was critical in the design process. Constraints included limited space between USH 41 and the frontage road for roadway clearance requirements and drainage. The proposed design included an enclosed storm sewer system in this area.

Project Deliverables:

- Design Support Services for the design of USH 41
- 60% Plans and Documents
- Structure Survey Reports
- Preliminary Structure Plans
- Encroachment Report
- Input for Environmental Assessment
- Input for Design Study Report
- Drainage Analysis
- Public Involvement Coordination