

SIMILAR EXPERIENCE

TRANSPORTATION



Project Data

- Role: Roadway and bridge design, bridge hydraulics, environmental document, retaining wall design, permitting, wetland delineation, pavement design report, trail design, landscape design, utility and agency coordination, public involvement, storm sewer design, lighting design

"Their (Mead & Hunt) professionalism and facilitation skills during design helped them complete this project in a manner that promoted overall community acceptance."

Dan Segerstrom
WisDOT Northeast Region

**ACEC-WI "2014
Engineering Excellence
State Finalist" Award
Winner**

**WisDOT "2014 Tribal
Excellence" Award Winner**

STH 54, DUCK CREEK BRIDGE DESIGN AND ROADWAY RECONSTRUCTION

ONEIDA NATION AND WISCONSIN DEPARTMENT OF TRANSPORTATION
NORTHEAST REGION – BROWN COUNTY, WISCONSIN

Mead & Hunt was responsible for preparing preliminary and final plans for a new bridge on a new alignment within the Oneida Nation. The plans included conversion of the roadway to an urban section on the east side of the bridge and a hybrid section on the west side of the bridge consisting of an urban roadway on the north side and a rural section on the south side. The roadway plans included bypass and right turn lanes, intersection realignment, and pedestrian trail development on the existing roadway and along the realigned roadway. Sensitive natural areas for the Oneida Nation were important elements of this project.

The bridge design included preliminary plans, bridge hydraulics and final plans. The bridge includes a shared use separated path on the north side as well as a trail beneath the bridge. Aesthetic treatments include Native American artwork, decorative railings and the use of form liners and concrete stains to replicate native stone.

This project also included storm sewer design, EPA permit, historical Section 106 coordination, wetland delineation, the preparation of an Environmental Assessment, Native American coordination, lighting design, transportation project plat, utility and agency coordination, public involvement, design study report and PS&E.



Contact: Dan Segerstrom, PE | 920-492-7718 | daniel.segerstrom@dot.wi.gov
Client: WisDOT Northeast Region | 944 Vanderperren Way | Green Bay, WI 54304