



# USH 12 / CTH P INTERCHANGE ANALYSIS AND RIGHT-OF- WAY ASSESSMENT STUDY DANE COUNTY

## Client

WisDOT, SW Region  
Adam Clayton  
2101 Wright Street  
Madison, WI 53704  
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## Project ID

5300-05-01

## Project Start

June 2006

## Project Completion

February 2007

## Project Cost

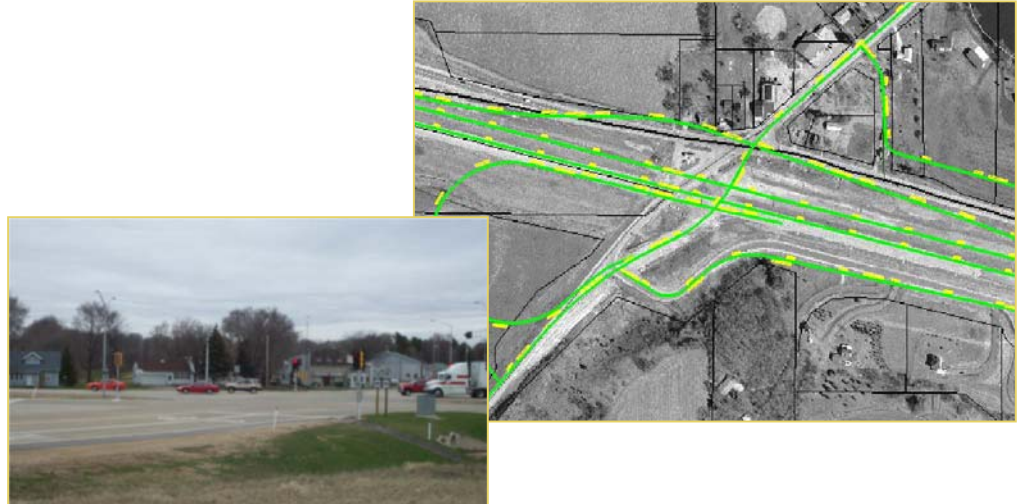
\$34,200

## Project Manager

Karen Weiss, P.E.

## Team Members

Todd Wescott  
Ruth Knigh, E.I.T.  
Russell Glime



DAAR Engineering performed work necessary to analyze interchange alternatives and subsequent right-of-way impacts at an existing at-grade intersection on USH 12 at CTH P in Dane County. This two-phased project consisted of analyzing three different alternative interchange types, including provisions for a one-quadrant interchange, a diamond interchange and a partial cloverleaf interchange. Interchange warranting criteria outlined in GDHS were used to develop a recommended alternative, as well as right-of-way impacts. Conceptual plans were developed for the WisDOT preferred alternative.

An inventory of the existing roadway corridor was taken. This included redevelopment of existing geometry from as-built plans and an inventory of existing right-of-way. Evaluation of impacts to existing frontage roads and an off-road bike path were also part of this project and the overall selection of a preferred alternative.

### Project Deliverables:

- Project scoping, scheduling, budgeting and monitoring
- Processing DTM data from FLYDANE information
- Traffic Analysis and Report
- Conceptual Plan Development
- Determination of Right-of-way Impacts for Preferred Alternative

