

## CTH E & C Bridges: B-18-0019, 20, 21 & 22 (2010)

**Client:**

Wisconsin Department of Transportation ~ Northwest Region

**Project Number:**

#1024-00-00

**Location:**

Menomonie – Eau Claire  
IH 94  
Eau Claire County, Wisconsin



**Client Contact:**

Stacey Rusch, P.E.  
WisDOT Northwest Region  
718 W. Clairemont Avenue  
Eau Claire, WI 54701  
715-836-3919  
[Stacey.Rusch@dot.wi.gov](mailto:Stacey.Rusch@dot.wi.gov)



**Staff Assignments:**

Matt Gundry, P.E. – Project Engineer  
Donald Bertrand – Plat Development  
Matt Adams – Survey Crew Chief

**Project Scope:**

Fleming, Andre & Associates, Inc. designed the approaches for the replacement of four grade-separation WisDOT-designed structures along Interstate 94 over CTH E and CTH C in Eau Claire County. The project was constructed under traffic with two lanes of traffic being maintained in each direction during critical times on this four-lane interstate facility. Three alternative traffic control scenarios were investigated as part of the preliminary design process.

The development of the TMP involved capacity analysis of IH 94 under various staging scenarios and estimation of queuing and delay for numerous peak traffic days throughout the summer construction season. Ultimately the selected staging plan allowed all major construction to be completed within one construction season while minimizing temporary construction; however it did require acceleration of the design schedule by several months to allow an early letting in 2012. The staging also required an additional set of plans to be prepared for median crossovers to be constructed in the 2011 season.

Deliverables included Traffic Control Plan and Work Zone TMP, Environmental Document, Design Study Report, Transportation Parcel Plat, Structure Survey Reports, Pre-PS&E and Final PS&E