

**McClugage Bridge ■ Location Drainage/Design Report
Peoria and Tazewell Counties, Illinois**

Civil Engineering – Location Drainage Subcontractor

Millennia Professional Services was retained by the joint venture of T.Y. Lin International and Hanson Professional Services, in concert with the Illinois Department of Transportation, to provide professional services in connection with the preparation of a Location Drainage Study/Design Report for the removal and replacement or rehabilitation of the structure that carries eastbound US 150 (McClugage Bridge) over the Illinois River in Peoria and Tazewell Counties.

The Illinois Department of Transportation (IDOT), in cooperation with the Federal Highway Administration (FHWA), is conducting a study of the eastbound McClugage Bridge over the Illinois River. The project will be carried out in three phases for the potential removal and replacement or rehabilitation of the bridge. The McClugage Bridge is located north of downtown Peoria, Illinois, and northwest of East Peoria, Illinois. Two truss bridge structures make up the bridge system, which is a vital connection between regions and the second most heavily traveled river crossing in Peoria. The northern bridge carries westbound traffic and the southern bridge carries eastbound traffic on US 150 over the Illinois River.

Clients:

T.Y. Lin International, Inc.
200 South Wacker Drive, Ste. 1400
Chicago, IL 60606
Phone: 312.777.2900

Hanson Professional Services, Inc.
1525 South Sixth Street
Springfield, IL 62703-2886
Phone: 217.747.9260

Illinois Department of Transportation
District 4
401 Main Street
Peoria, IL 61602
Phone: 309.671-2489

**Engineering Services
Provided:**

- Project Narrative
- Hydraulics Analyses using StormCAD, CulvertMaster, and FlowMaster
- Hydrology using StreamStats and Rational Method
- Completed Existing Drainage Plan Exhibit Sheets for East Bridge Approach and Interchange
- Completed Proposed Drainage Plan Exhibit Sheets for East Bridge Approach and Interchange, and New Parapet Wall and Bike Path
- IDOT Coordination

