

I-280 Maumee River Crossing

PROJECT DESCRIPTION

Ohio Department of Transportation's (ODOT's) \$250 million I-280 Maumee River Crossing Project is the largest ODOT project in the State of Ohio. This is a 4-mile project with a 1,250-foot long cable-stayed and precast concrete girder bridge. Further tasks include major changes to the I-75 and I-280 interchange, along with the north and south bridge approaches. This extensive project presented significant design and engineering challenges. ODOT selected a Program Management Consultant (PMC) approach in addressing design and engineering complexities. This approach incorporated coordination and management of numerous professional and construction firms, administration of fiscal management/control costs, and meeting project demand despite having numerous concurrent tasks. Under the PMC approach, ODOT desired to hire an effective and efficient management team.

Lead by prime consultant team member, HNTB, The Mannik and Smith Group, Inc. (MSG) is providing support services in the areas of:

- ◆ Review & provide "independent quality assurance" of design tasks for the main bridge, approaches and roadway
- ◆ Manage compliance with the task assignments
- ◆ Manage and coordination of all utility relocations
- ◆ Manage and coordinate peer review of design work products (plans and reports)
- ◆ Day-to-day management of the projects northerly section tasks
- ◆ Monitor task progress and schedule compliance
- ◆ Maintain fiscal controls over assigned tasks and contractors, including cost negotiations and task order changes
- ◆ Problem identification and resolution
- ◆ Construction Inspection of precast concrete box fabrication
- ◆ Construction layout surveying.



LOCATION

Toledo, Ohio

CLIENT

Ohio Department of Transportation

SERVICES PROVIDED

- ◆ Utility Coordination
- ◆ Design Review
- ◆ Program Management
- ◆ Construction Inspection
- ◆ Construction Layout Surveying



Construction of the Cable-Stayed I-280 Bridge



Construction Surveying