

# PROJECT Profile

SURVEY & MAPPING ENGINEERING

## Dixboro Road and Dixboro Road Bridge Construction

Ann Arbor Township, MI

The project is a two phase project consisting of construction of a new bridge structure of the Huron River and construction of a realigned section of roadway leading to and from the bridge along what is known as Dixboro Road, between Huron River Drive to the south and Geddes Road to the north. Portions of construction of both phases may occur concurrently over a two-year period.



**Dixboro Road Bridge:** Full construction a five span bridge, 178 meter long concrete I-beam bridge spanning the Huron River, Norfolk Southern Railroad, and the City of Ann Arbor Wastewater Treatment Plant access drive. The proposed construction includes town pile-supported abutments and four piers supported by modified spread-footing type foundations. The completed bridge will carry four lanes of traffic, with a pedestrian sidewalk along the west face of the bride.

**Dixboro Road:** Full construction of two-through five-lane bituminous roadway cross sections to the north and south of the new bridge, including concrete curb and gutter. This portion of the project includes both sanitary and storm sewer, as well as water main construction. A



new signalized Dixboro Road / Huron Drive intersection located south of the new bridge will be realigned. Construction of Old (existing) Dixboro Road will include crushing/shaping/resurfacing, full depth reconstruction of the road cross section, as well as concrete curb and gutter.

**Spalding DeDecker Associates, Inc. (SDA)** is providing construction staking. This project is METRIC. Special Provision based on the Michigan Department of

### OWNER / CLIENT

Washtenaw County Road Commission

### PROJECT START - END

04/2004 - 12/2006

### PROJECT COST

\$10,000,000

### SDA KEY PERSONNEL

Catherine DeDecker, PS

John N. DeDecker

George M. Platz, PS

### SDA PROJECT NO.

SM04067

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Transportation's, "1990 Standard Specifications for Construction," which has been modified to apply to a metric project will be used and following special provision will provide the guidelines for WCRC staking requests.

Construction Staking Will Include: Lines, Grades, and Elevations; Right-of-Way; Clearing Stakes; Slope Stakes; Subgrade Stakes; Pavement Stakes; Drainage and Utility Stakes; Structure States and Controls; Bridge Substructures; Bridge Superstructures; Sidewalk, Curb, and Railing; Miscellaneous Item Stakes; Volume Computation; Final Cross Sections Drawings; Replacement of Monumentation; and Project Management.