

Brentwood Farms/Cross Creek Sidewalk

Macomb Township



This project entailed installing a 5' by 6' concrete box culvert and concrete headwall for the installation of approximately 130 lineal feet of sidewalk.

Spalding DeDecker Associates, Inc. (SDA) has been Macomb Township's Engineering consultant since 1964 and has acted in all capacities as the Township's Engineering Department since that time. SDA surveyed, designed, and provided construction engineering services. The Township of Macomb expressed a need for the connection of two existing sidewalks over the Crittenden Drain along 22 Mile Road. Construction of the project is within the County road right-of-way and County Drain easement. SDA worked with the County Road Commission and County Drain Office to obtain necessary permits. Additionally, SDA worked with the Michigan Department of Environmental Quality (MDEQ), who required that the culvert length be minimized to allow for free passage of aquatic species through the culvert. In an effort to meet MDEQ requirements, a headwall was incorporated into the design. Additional design challenges required that the new culvert crossing be constructed independent of the existing road culvert due to the road culvert's condition.

SDA's services included a topographical survey, project estimates and consultations, detailed drawings and specifications, obtaining all construction permits and approvals from local and state agencies, contract documentation preparation, obtaining bids from qualified contractors, and recommending award of the contract. SDA also provided construction layout, construction contract administration, construction engineering, and record drawing preparation.

OWNER / CLIENT

Macomb Township

PROJECT START - END

August 2006 - July 2008

SDA PROJECT NO.

MA04-017