

Crowe / Ingersol Drive Reconstruction

Novi, Michigan



Spalding DeDecker Associates, Inc. (SDA) provided design and construction engineering services for the reconstruction of Crowe and Ingersol Drives in the Town Center area of the City of Novi. This project included the removal of an aging concrete roadway with integral curb with new concrete curbing, asphalt pavement, drainage structure repairs, new edge drain, and ADA sidewalk ramp reconstruction through a busy commercial area. This City of Novi Capital Improvement

Project was coordinated with the Town Center management group.

Design Engineering

SDA's Design services included site boundary and topographic survey and the preparation of detailed engineering plans for roadway reconstruction. Special attention was focused on upgrading existing sidewalk ramps to meet ADA accessibility standards. Detailed traffic maintenance and permanent signing/stripping plans were prepared and coordination provided with the Road Commission for Oakland County (RCOC) based on the high levels of commercial traffic present in the area. Temporary



construction easements were prepared, negotiated, and secured for abutting businesses. SDA prepared Soil Erosion and Sedimentation Control (SESC) plans/permit in accordance with Part 41 requirements and the City Code Chapter 29. SDA prepared contract documents and managed the bidding process and selection of contractor for the City.

Construction Engineering

SDA provided contract management and full-time construction inspection services for the City of Novi. SDA provided construction staking and the review of Contractor shop drawings prior to construction. During construction, experienced Construction Technicians recorded Contractor work daily using FieldBook/FieldManager for the City. SDA provided SESC inspections throughout construction in accordance with APA requirements. SDA also managed the processing of contractor pay estimates and recommended Contractor payments, reviewed close-out documentation, prepared record drawings, and managed final project close-out.

OWNER / CLIENT

City of Novi

PROJECT START - END

June 2007 - December 2008

SDA PROJECT NO.

NV07-017