

2007 Inkster Road Repair Program

Inkster, Michigan



Spalding DeDecker Associates, Inc. (SDA) was retained by the City of Inkster to design several miles of roadway rehabilitation and reconstruction as part of their annual road improvement program. This program received full review and oversight by the City of Inkster Department of Public Works. SDA provided all design and construction engineering services.

Road Design Engineering

The projects included 38 concrete streets to be repaired then overlaid with Hot Mix Asphalt (HMA), two HMA streets were reconstructed, and one composite street was milled and overlaid. All road repair work was designed to meet the Michigan Department of Transportation (MDOT), American Association of State Highway and Transportation Officials (AASHTO), and City of Inkster standards and specifications. SDA prepared the contract documents for advertisement and bid letting.

Road Construction Engineering

Construction consisted of identifying deficient pavement, marking appropriate corrective measure, pavement milling, crack repair, pavement repair, ADA ramp reconstruction, drainage structure adjustments, HMA overlay, and site restoration. A Contract Administrator reviewed daily construction reports, verified quantities against design requirements, processed pay certifications, negotiated change orders and contractor claims, and maintained contract documentation. Construction technicians and engineers oversaw all work in accordance with City of Inkster and AASHTO standards and procedures.

SPECIAL FEATURES

SDA ensured that any resident issues and concerns were handled in a considerate, timely, and professional manner. The City Engineer was kept informed of daily construction activity. Traffic was maintained on all of the city streets throughout the project.

OWNER / CLIENT

City of Inkster

PROJECT START - END

June 2007 - June 2008

SDA PROJECT No.

IN07-001

