

Stephenson Highway Rehabilitation

Troy, Michigan

The Stephenson Highway Project, the section of highway between 14 Mile Road and the I-75 service ramps, included drainage improvements, signing and signal upgrades, and road rehabilitation. Stephenson Highway is a high volume public road with businesses along this entire length. Funding for the project was provided through the Jobs Today Program.



OWNER / CLIENT

City of Troy Engineering

PROJECT START - END

March 2008 - October 2008

SDA PROJECT No.

CE08-001

MDOT No.

102287A

Spalding DeDecker Associates, Inc. (SDA) was responsible for complete construction engineering services including:

- Construction Observation
- Contract Administration
- Material Testing



SDA provided construction engineering services and full oversight for the rehabilitation of Stephenson Highway. Construction consisted of 1.89 miles of pavement removal, earth excavation, concrete base course, concrete curb and gutter, storm sewer, hot mix asphalt resurfacing, signal upgrades, and drainage improvements. Lane closures were utilized and traffic flow was maintained for the duration of the Project.

All Contract documentation was maintained according to MDOT requirements including the Wage Rate Interviews, Certified Payroll review, and complete compliance to Davis Bacon guidelines. All interested parties were kept abreast of Contract status.

SPECIAL FEATURES

Stephenson Highway is governed by multiple agencies. The Michigan Department of Transportation (MDOT) controls the ramps accessing I-75 along the north end of the Project. The Road Commission for Oakland County (RCOC) has jurisdiction at the 14 Mile Road and Maple Road intersections. The City of Troy owns and maintains the roadway. SDA worked to coordinate with the combined agencies to ensure each of their concerns were addressed.



In addition to government agencies' concerns, Stephenson Highway has commercial and industrial businesses on both sides of the road that had to remain accessible to their clients and patrons. Part-width construction allowed for continual access to be maintained throughout the project while work progressed. Even with this additional challenge, the project was completed on time and under budget.

FUNDING

Jobs Today Program