

Concrete Reconstruction of Schoolcraft Road - MDOT LAP

MDOT Contract ID: 82457-106884, Project No. 106884A

Livonia, Michigan



OWNER / CLIENT

City of Livonia

PROJECT START - END

March 2009 – October 2009

SDA PROJECT No.

RB09-005

Spalding DeDecker Associates, Inc. (SDA) was retained by the City of Livonia to design and reconstruct 0.30 miles of Schoolcraft Road (I-96 westbound service drive), from the I-96 overpass to west of Newburgh Road. This program received full review and oversight by the City of Livonia, was partially funded through the Michigan Department of Transportation (MDOT) Local Agency Program, and received full design oversight and review by MDOT. SDA provided all design, construction engineering and survey services.

ROAD CONSTRUCTION ENGINEERING

SDA's Construction Engineering Department provided construction oversight, prepared daily construction reports, verified quantities against design requirements, processed pay certifications, negotiated modifications and contractor claims, and maintained contract documentation. Construction Inspectors and Engineers oversaw all work in accordance with the City of Livonia and the AASHTO standards and procedures. Schoolcraft Road was administered in accordance with MDOT policies and practices and all documentation prepared for closeout and audit. SDA maintained correspondence with the City of Livonia Engineering Department and the MDOT Taylor Transportation Service Center throughout.

ENGINEERING ASSISTANCE

SDA provided specialty engineering assistance services including:

- Construction project records reviews
- Contractors' claim procedures, documentation, and reviews
- Developing or reviewing "critical path networks" for progress clauses and progress schedules
- Construction paving projects
- Ride quality measurements
- Traffic and safety (signs, signals, guardrail, etc) projects
- Concrete quality assurance and quality control