

M-83 / Dead Creek
B01 of 73131, JN 80125A
Bay County, Michigan

Spalding DeDecker Associates, Inc. (SDA) performed complete staking (both engineer and contractor staking) on behalf of the Michigan Department of Transportation (MDOT) for the complete replacement of this bridge.

Preparation prior to staking included review of the plans, computing stakeout points, and preparing cut-sheets and haunch grade tables. Stakeout computations were performed in the office using AutoCAD and MicroStation platforms.

Techniques used for staking included performing radial stakeout for bridge reference points, standard and battered piles including location and cut-off elevations, coffer dams, mud mat, footings, abutments and piers, haunch grades, screed grades, sleeper slab elevations, and approach work. Slope staking was performed for the approach work prior to setting finished grade stakes for the pavement.

Deliverables included copies of cut-sheets, haunch grades, screed grades, and other staking reports.

OWNER / CLIENT

Michigan Department of Transportation

PROJECT START - END

May 2010 - July 2010

SDA PROJECT NO.

SM10-012, 100

SDA SERVICES

Construction Staking