



NYS DOT
ROUTE 42

Service: Design-Build

Value: \$14 Million | Awarded Date: October 2011 | Completion Date: February 2012 (Structures)

CONTRACT | C030792

PROJECT DETAILS

Halmar was awarded the Route 42 Emergency Bridge Repair from the NYSDOT as a Design/Build project, after Hurricane Irene in the Fall of 2011 created havoc in the area.

The project required Halmar to remove 2 existing bridge structures over the West Kill River. The existing abutments and wing walls were removed as well. New bridges were erected based on Engineering Designs by HDR, and included piles, foundations, abutments, wingwalls, bents, superstructure, and guiderails. One bridge was reconstructed as a single span structure with a span length of 100 ft,

two 11 ft lanes, and two 4 ft shoulders. The other bridge was reconstructed with a 150 ft single span structure supported on integral abutments.

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The project would have taken an extra six months to complete under standard methods.”

- Governor Cuomo

Additional work included roadside reconstruction, guiderail repair/replacement, culvert cleaning, rehabilitation, and replacement, mudslide removal and slope stabilization, signage, environmental management and debris removal. The work zone was very limited, as it was long but very narrow. The team was able to optimize and overlap Design and Construction phases, ultimately saving NYSDOT \$2M, and completing the job 1 week early.

ACCOMPLISHMENTS

D/B project for 2 bridges and associated roadwork as a result of Hurricane Irene.

Saved Owner over 2M on contract value, and completed 1 week early.

Demonstrated our ability to gear up quickly for emergency projects and deploy a crew on site within several days.