DUFRESNE GROUP
CONSULTING ENGINEERS

ROUTE 140W BRIDGE

WALLINGFORD, VERMONT

The Wallingford Route 140W Bridge project includes steel repairs to the substructure, concrete repairs, removal of lead-based paint, bridge repainting and sidewalk improvements. DG provided construction services for the project, including on-site resident engineering. DG facilitated communication and coordination between the Town, VTrans, contractor and design engineer.

An inventory of the condition of the steel members had been performed by the design engineer more than three years prior to construction. During construction, it was determined that additional steel repairs would be required. DG worked with the design engineer and the contractor to reassess the steel condition, prioritize the repairs and minimize additional costs.

DG coordinated with the contractor throughout the project to ensure that all lead removal and disposal requirements were met, including observing containment areas and monitoring lead levels in the areas surrounding the project to ensure safe air quality.

KEY FEATURES

- Coordinated with design engineer to reevaluate the substructure steel repairs.
- Coordinated with the contractor to minimize impacts to traffic flow.
- Compliance with hazardous materials regulations for lead paint removal.
- Air testing for lead levels throughout the project site and at nearby public sites to ensure worker and public safety.
- Worked with certified weld inspector to ensure integrity of all welds.
- Project funding provided by VTrans LTF Program.

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