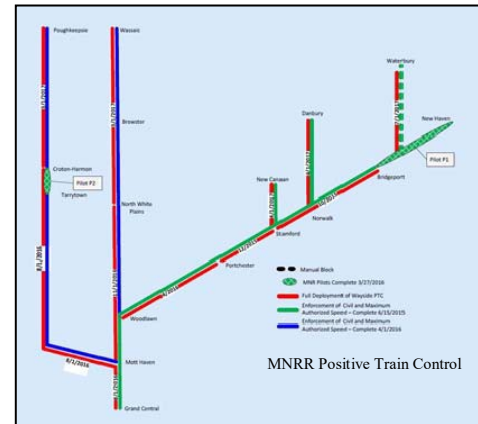


# New Haven – Waterbury Positive Train Control Installation



**Garg Consulting  
Services, Inc.**

The implementation of Positive Train Control (PTC) was mandated by Congress with the Rail Safety Improvement Act of 2008. The PTC system helps monitor and control a train’s movement as a means of preventing collisions, over-speed derailments, and roadway worker fatalities. The PTC is being installed along 795 miles of track in New York and Connecticut. The PTC work in Connecticut includes the mainline from New York to New Haven, the New Canaan, Danbury, and Waterbury branches.



This project specifically consisted of designing cab signals and installment of the PTC system, from the Waterbury

branch feeding into the Metro-North mainline to enhance rail travel in Connecticut. The added signals would improve services which would allow multiple trains to operate at once and to build sufficient sidings so that oncoming trains could pass at various points without extensive delays.

Garg’s responsibilities included but were not limited to:

- Plan reviews.
- Design.
- Constructability review.
- Construction Engineering and Inspection.
- Project Management.

### Consultant Evaluation: New Haven – Waterbury PTC Installation

“The entire PTC Inspection Team continues to work at a high level providing expert field oversight of complex PTC signal work, and competently documenting daily activity performed by MNR and its contractors.” – 2/21/19

Organization Name	Location	Project Duration			Dollar Amount	Prime/Sub-Consultant
		Contract Date	Start Year	Completion Year	Project Cost	
CTDOT	New Haven / Waterbury, CT	02/05/13	2013	2015	\$148 Million	Prime