



# MANAFORT TRANSIT

## WARE RIVER BRANCH SLOPE REHABILITATION

Rail & Mass Transit



### PROJECT

Ware River Branch Slope Rehabilitation

### MARKETS

Rail & Mass Transit  
Pile Driving

### CONTRACT TYPE

Prime Contractor

### PROJECT OWNER

Massachusetts  
Central Railroad

### LOCATION

New Braintree, MA

The Ware River slope stabilization project involved the construction of a new retaining wall to reinforce a failed slope in New Braintree, MA along the Right-of-way of an active railroad corridor. The original design provided by the client included a drilled soldier pile and precast lagging retaining wall. Manafort worked with the owner and designer and provided a value engineering design which changed the wall to a driven pile, with cast in place concrete pile cap, and precast concrete block retaining wall. With the change in wall type a credit was issued and approved by the owner.

The project was only accessible by hi-rail equipment so all equipment and materials were transported by Manafort via hi-rail equipment from a nearby grade crossing to the project site. The project consisted of 39 HP 14x89 driven piles, a cast in place reinforced pile cap, 2,067 SF RECON block retaining wall, rip rap slope stabilization, and wetland restoration.

Manafort served as Prime Contractor for the project and self-performed a majority of the work including the driven piles, retaining wall installation, all hi-rail equipment moves and rip rap slope stabilization.



### CORPORATE OFFICE

414 New Britain Avenue,  
PO Box 99  
Plainville, CT 06062  
Phone: 860.229.4853

### REGIONAL OFFICE

265 Southwest Cutoff  
Worcester, MA 01604  
Phone: 774.512.3800

### REGIONAL OFFICE

24 Martin Street  
Cumberland, RI  
Phone: 401.333.2550

### REGIONAL OFFICE

318 Bear Hill Road, Suite 10  
Waltham, MA 02451  
Phone: 781.328.2365

### REGIONAL OFFICE

204 Mill Street  
Bristol, PA 19007  
Phone: 267.812.5454