



Connecticut Department of Energy and Environmental Protection



South Branch Park River Flood
Control System Maintenance
Project Update -
Hartford, West Hartford and Newington

September 9, 2015



South Branch of the Park River (SBPR)

- 1961 - Work plan agreement signed with the Soil Conservation Service, State (sponsor) and the municipalities benefiting from the flood improvements (Farmington, West Hartford, Newington and Hartford) in response to the Flood of '55.
- 1964 - Agreement signed with Hartford to make channel improvements to remove meander in Park River in order to conduct water away from flood prone areas upstream during major flooding events.
- 1972 - Agreement signed with West Hartford to include channel improvements to St. Joseph's Brook, Trout Brook and Rockledge Brook down to the confluence of Piper Brook (to the Newington Town Line) and Park River. Work included Pump Station.
- 1986 - Agreement signed with Newington to do channel improvements to Piper Brook to just upstream of Main Street and Mill Brook to just upstream of Dowd Street Bridge. Work included sedimentation ponds, flood walls and flap gates.
- Towns to incur costs to maintain vegetation and the state to incur costs to maintain mechanicals, sedimentation and structures.
- 2012 - NRCS sends letter to DEEP requesting maintenance or decertification.

Park River in Hartford Circa 1964

New Britain Avenue

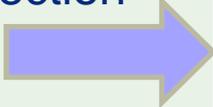
New Park Avenue

Flatbush Avenue

Hamilton Street Bridge

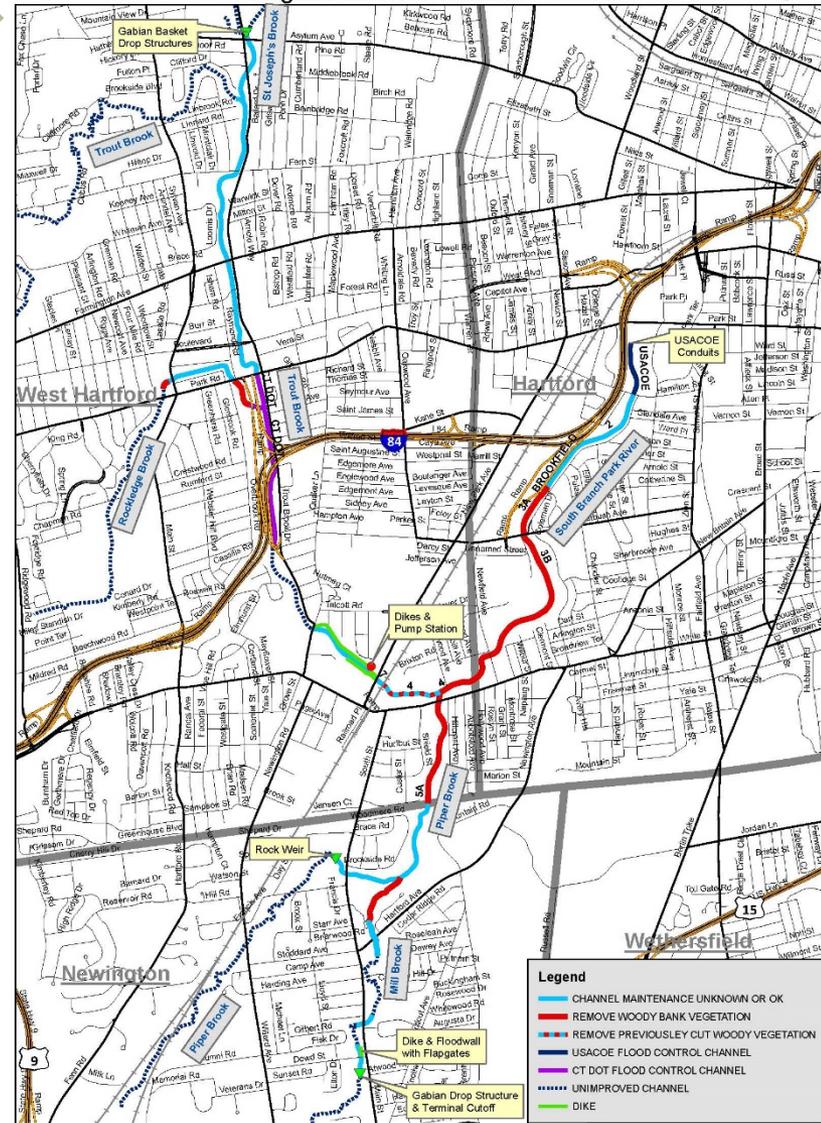


NRCS Overview Map from 2010 Inspection



South Branch Park River Overview

- Extensive maintenance last performed in 2000.
- Includes maintenance in Hartford, West Hartford and Newington
- Work includes tree and vegetation removal in floodway, sediment removal in engineered sedimentation ponds and structural repair to floodwalls and flap gate structures.
- Work will commence in Fall 2015



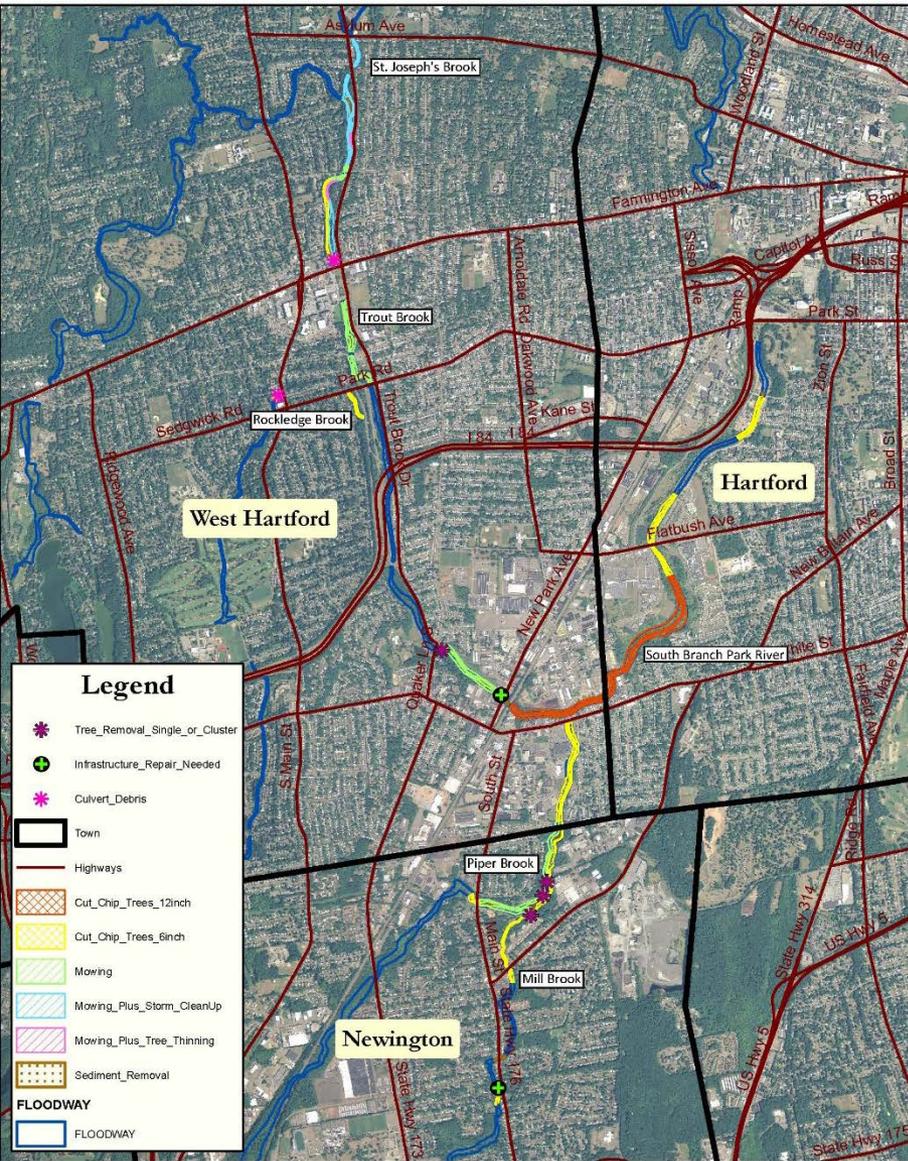
- Map Projection - Datum = CT State Plane - NAD83
- Map prepared by Ben Smith, CT NRCS, Nov 2010

USDA is an equal opportunity employer and provider.

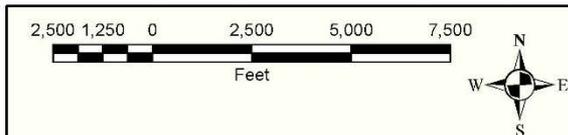
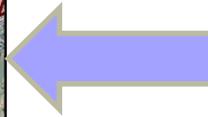
0 0.25 0.5 1 Miles



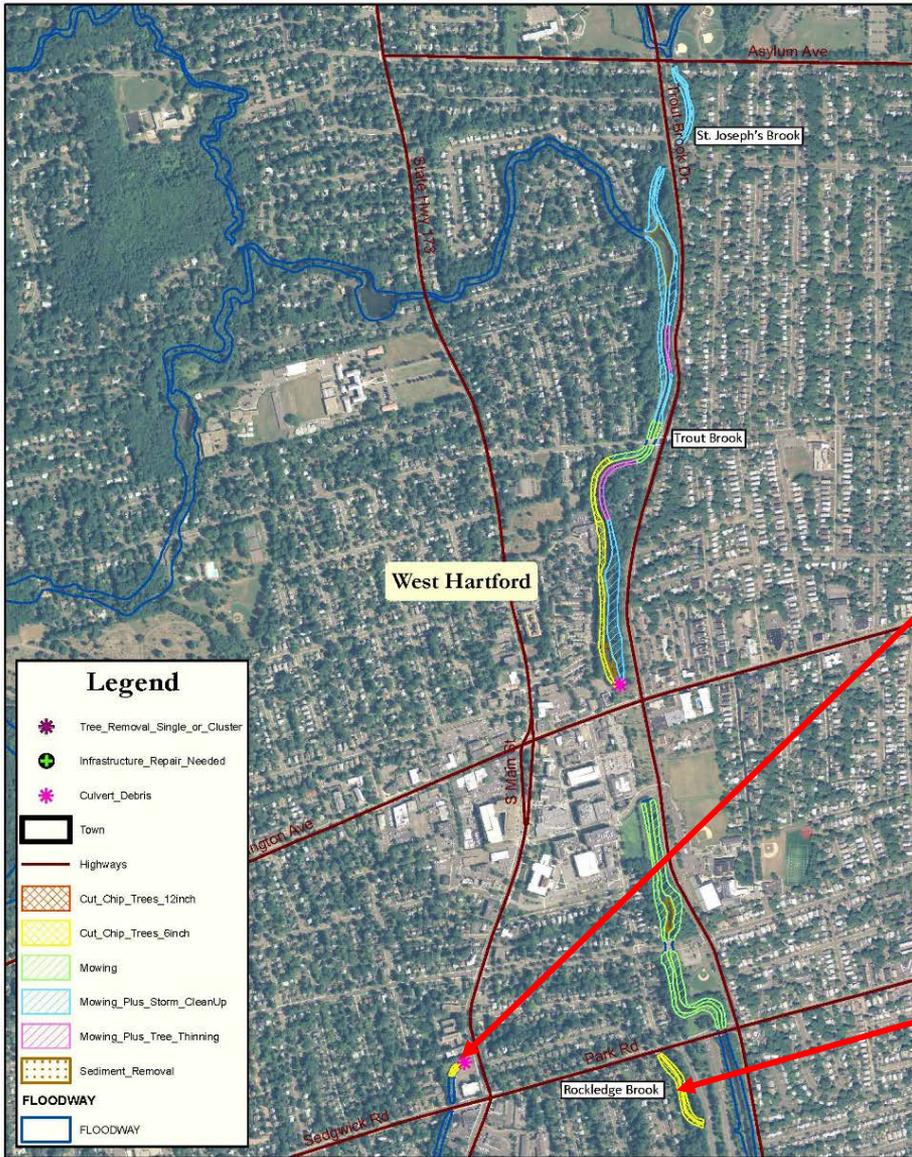
Channel Maintenance Areas Hartford, Newington, West Hartford



Highlights of Local Channel Maintenance Areas from NRCS 2010 Inspection Report for Hartford, Newington and West Hartford



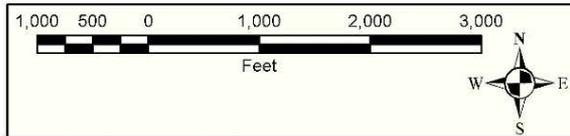
Channel Maintenance Areas West Hartford - Northern End



Remove Debris, Rockledge Brook at S. Main St. in West Hartford



Remove sediment, Rockledge Brook in West Hartford



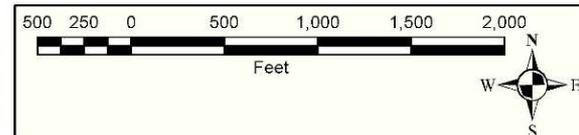
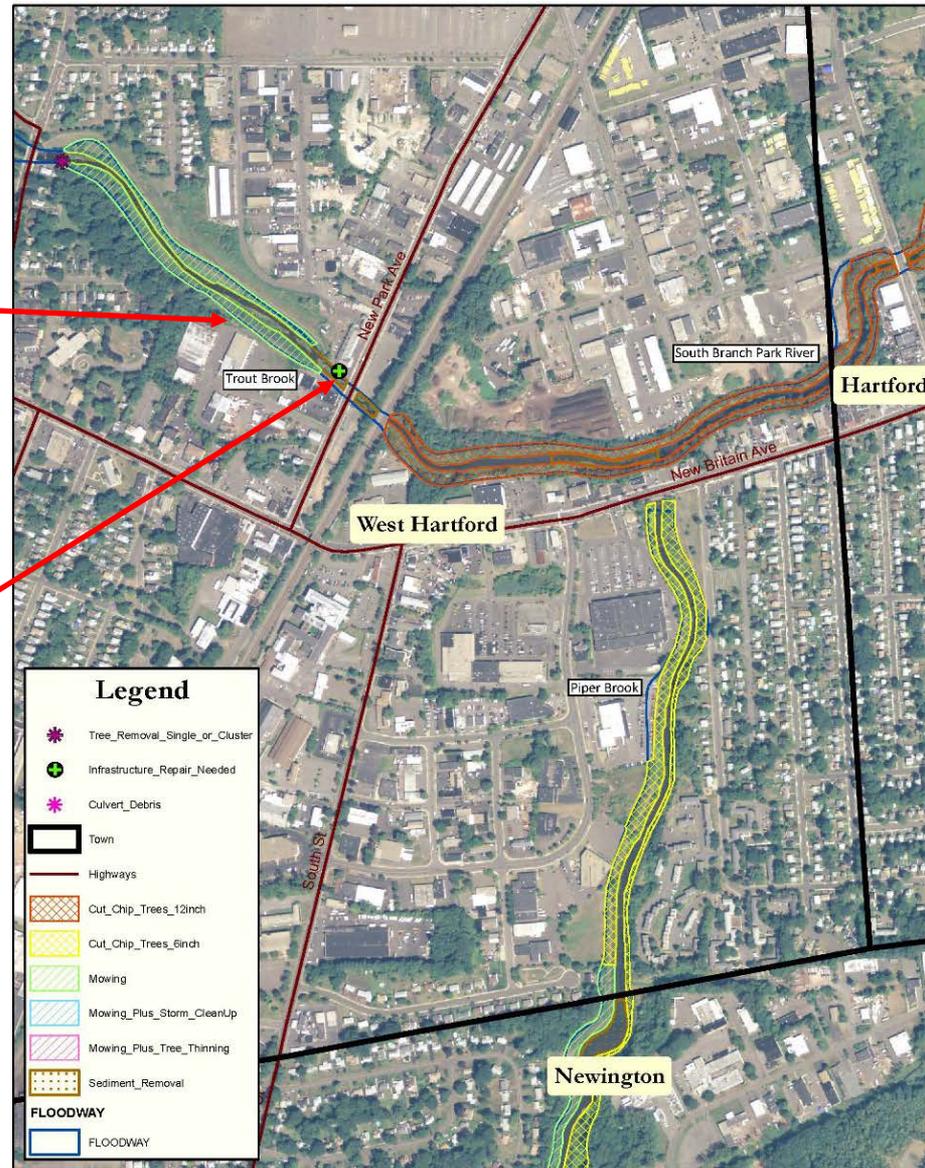
Channel Maintenance Areas West Hartford - Southern End



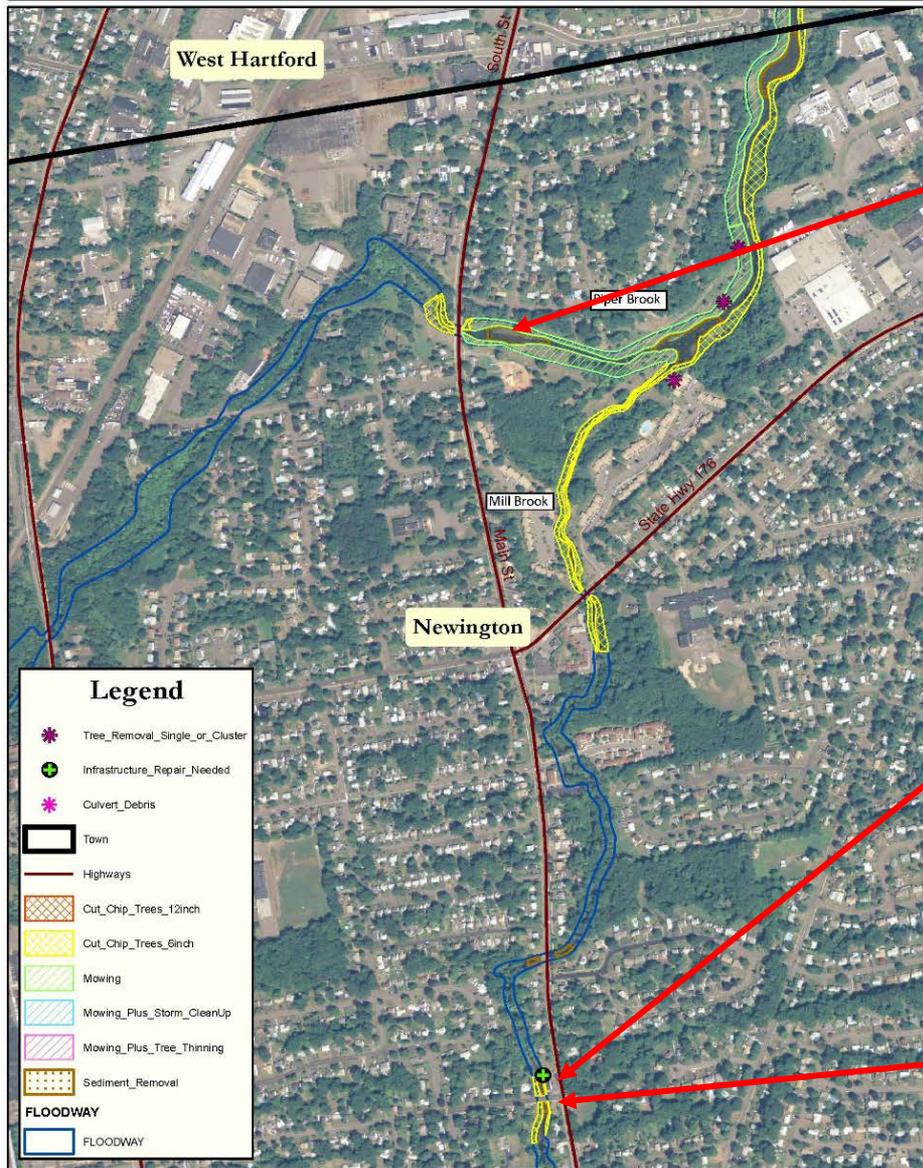
Remove Sediment
Trout Brook WH



Repair Flood Wall Cracking
Trout Brook WH



Channel Maintenance Areas Newington



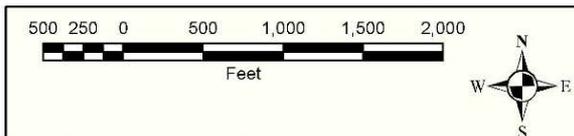
Remove sediment from Pond 5 in Newington



Repair damage to flood wall in Newington



Repair existing flap gates on Mill Brook in Newington

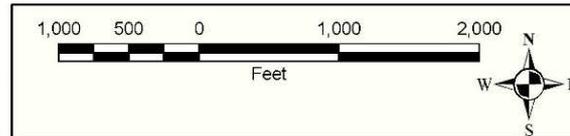
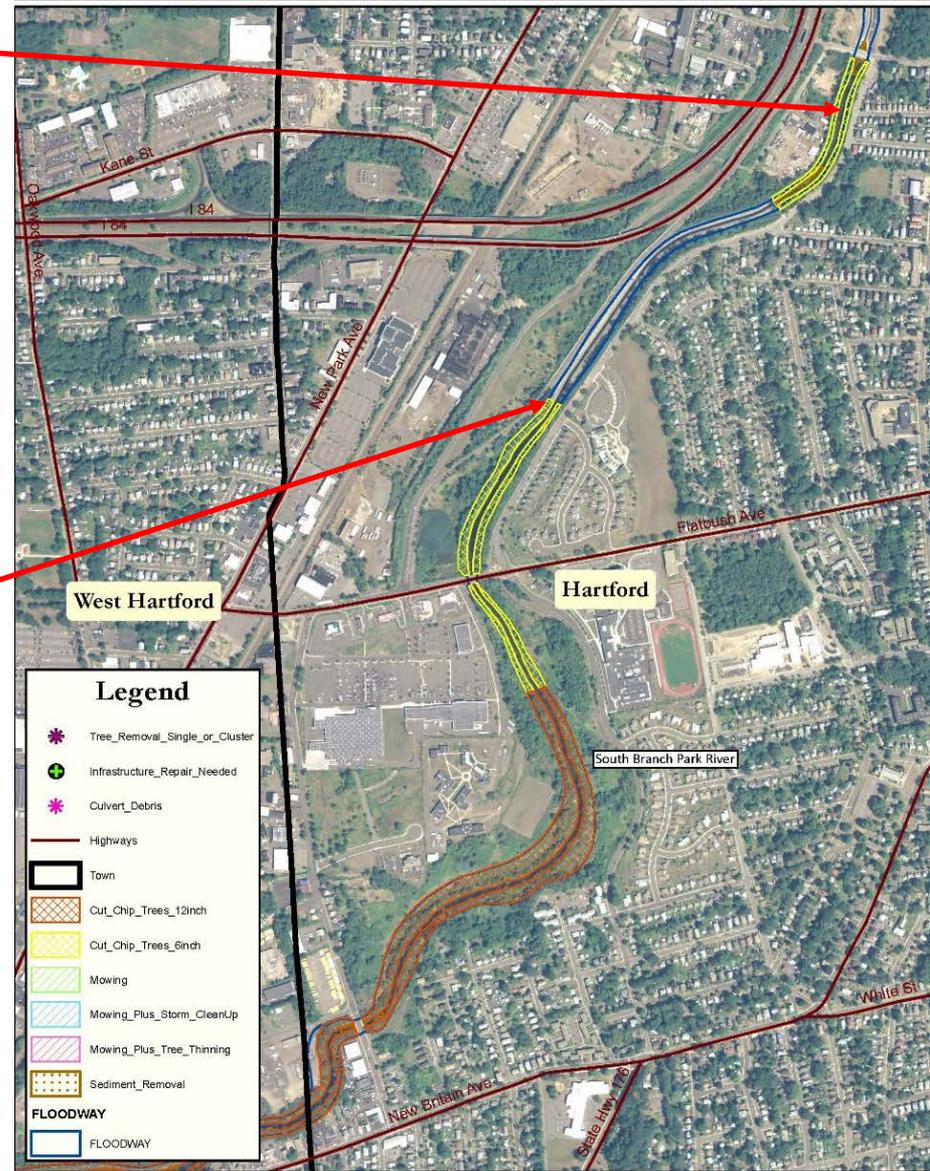
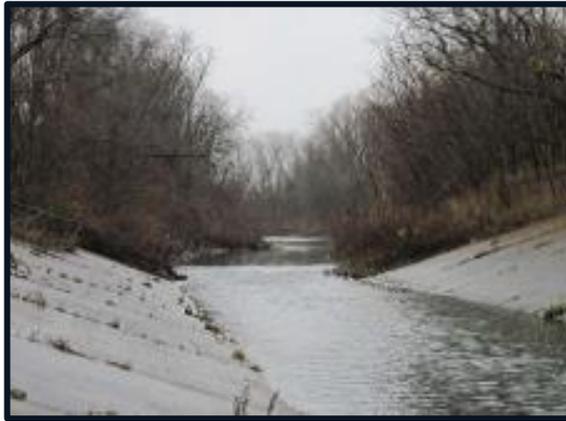


Channel Maintenance Areas
Town of Hartford

Sediment Along
Flood Wall to be
Removed
Park River in
Hartford



Trapezoidal Concrete
Channel Transition
from Rip Rap Lined
Channel -
Vegetation Removal
Park River in Hartford



Project Track to Date

- 02/01/15 - Final Plans and Specifications. Permit in place.
- 03/30/15 - WMC Engineers awarded CE&I contract
- June 11, 2015 - Bid advertisement
- June 25, 2015 - Mandatory Pre-bid Meeting (Register by 06/22 at 3 pm)
- July 30, 2015 - Bid opening. Paganelli Construction Corporation from Windsor Locks, CT apparent qualified low bidder.
- September 16, 2015 - Letter to local abutting residents and businesses regarding project status.
- October 12, 2015 - Anticipated Notice to Proceed
- 182 day contract



Questions?

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http://www.ct.gov/deep/cwp/view.asp?a=2720&Q=554158&deepNav_GID=1654



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