



DEPARTMENT OF
PUBLIC WORKS

Project: Crosby Hill Standpipe Rehabilitation (Water Tank)

Contact Person: Derek Doyle, Engineering Division

The Crosby Hill Standpipe is located at 549 Boston Road. This 1,000,000 Gallon standpipe is 119' tall, and 40' in diameter and was last painted in 1985. This tank required rehabilitative maintenance so as to prohibit any furtherance in metal loss of already exposed substrate surfaces.

Work included abrasive blasting and painting the exterior and interior of the standpipe. Also included were any necessary repairs to the tank. Funding for the project was approved at the Fall 2008 Town Meeting.

This project was awarded to Amstar of Western New York on April 1, 2009 and was scheduled to be completed within 90 calendar days.



Amstar mobilized on 4/3/09.

Amstar began by removing the ice from the inside of the tank. A hole was cut where a new manhole would be installed which aided in removing the ice. The ice removal was completed on 04/07/09.



Amstar blast cleaned the interior of the tank. The areas that were blasted were repaired as necessary with welding and then primed. By the end of April, Amstar finished welding the interior of the tank and tack welded the new manway to exterior. There were 1,480 pit welds and 660 LF of seam welding. The welded areas were grinded, removing any buildup and smoothing the welds. Amstar then re-blasted the interior and applied epoxy primer to the interior prior to seam sealing.

Amstar set up the outriggers and cables for the outside containment system in preparation for blast cleaning the exterior of the tank.



A containment system was installed prior to exterior blast cleaning to contain any debris and protect the surrounding area.

Amstar completed blast cleaning and applying primer to the exterior of the tank. The containment system was removed and equipment for blast cleaning de-mobilized from the site. The wheels on the roof ladder were removed and the ladder welded in place. The intermediate epoxy coating was applied to the roof. The standoffs for the communication cables were installed.

Final coating was applied in May of 2009.



June 2, 2009