

Structural Repairs and Roofing Replacement at 95th Street Pumping Station

Project Number: 17-276-3D

Service Area: Calumet

Location: 95th Street Pumping Station

Engineering Consultant: In-house design

General Contractor: To be determined

Estimated Construction Cost: \$4,300,000.00

Contract Award Date: December 2018*

Substantial Completion Date: January 2021*



Project Description: Furnish labor, material and equipment required to replace water-damaged gypsum roof panels and repair or reinforce corroded structural steel members at the upper and lower roof levels. Replace the roof membrane and perform miscellaneous tuck-pointing and masonry work to eliminate water infiltration.

Project Justification: Roof leaks, leaks of roof drain pipes embedded in the masonry walls, and defects in the exterior masonry walls have permitted water to collect in the masonry walls and pond between the roof membrane and the gypsum roof planks. This has softened the gypsum roof panels in multiple locations and promoted corrosion of some structural steel members supporting the upper and lower roofs. Thus far one roof panel has completely collapsed and 3 additional areas were temporarily shored by M&O Trades following structural inspections. JOC Contract 13-249-3J will reroute the roof drain discharge pipes outside the masonry walls to eliminate this source of water. Work under the proposed contract will eliminate the remaining sources of leakage and restore the lost structural capacities of corroded steel members.

Project Status: In progress.

*Information shown is estimated.