

MEMORANDUM



TO: JEFFREY HERCZEG, DIRECTOR OF PUBLIC WORKS
FROM: MATT WIKTOROWSKI, FIELD OPERATIONS MANAGER
SUBJECT: DPW SALT DOME REPLACEMENT PROJECT
DATE: DECEMBER 4, 2025

The Department of Public Works completed the Salt Dome Replacement, following City Council's contract award last season. The previous salt storage dome, constructed in the 1980s, had reached the end of its service life due to corrosion of structural components and 40+ years of wear and tear. The new structure was in full action over the last few weeks and has proved to be a significant operational upgrade and effective long-term solution.

The new dome is an 82-foot-diameter structure mounted on a 10-foot reinforced concrete wall sealed with polyurea. This design increases material capacity, improves operational safety, and enhances overall efficiency. The new structure accommodates approximately 3,600 tons of road salt, expanding the City's storage capacity from 1,300 tons, reducing the need for multiple mid-season deliveries.

A key site improvement includes the installation of an above-ground conveyor system, allowing salt deliveries to be efficiently loaded into the dome. This system minimizes the need for trucks or loaders to enter the structure, reducing the potential for building damage and extending the structure's service life.

Additional site work completed as part of this project includes electrical system upgrades, drainage improvements, new pavement, and the construction of five material storage bins to support DPW operations throughout the year.

Completion of this project assists DPW in maintaining safe and reliable roadway conditions for residents and motorists during snow and ice events, while improving operational efficiency and reducing long-term maintenance costs.

