

Willmar Wastewater Treatment Facility and Conveyance Projects

Construction Project Overview



WILLMAR
★

DONOHUE
& ASSOCIATES

Project Background

In September 2004, the Willmar City Council passed a resolution to relocate its wastewater treatment plant and improve its conveyance system. The plant will be located approximately 6 miles to the west of the existing plant near the City of Willmar Brush Site.

The new plant is designed to comply with existing and new regulatory requirements and will be constructed accordingly. The plant will also meet the needs of projected growth in the service area for the next 20 years.

The following page shows a fly-over view of the new site.

Fly-over View of Site Layout of New Wastewater Treatment Facility Site



Address of New Site:
3000 75th Street SW
Willmar, MN 56201

Project Purpose

The new Wastewater Treatment Plant (WWTP) and improved conveyances system will replace the City's existing aging and outdated wastewater treatment process with emerging treatment technology to protect the Minnesota River, increase capacity and meet new and expanding state and federal requirements. This Project involves a complete WWTP Relocation and the construction of associated Wastewater Conveyance System facilities because of the following:

1. Inability of the existing treatment process to meet the City's regulatory requirements
2. Continued aging of the outdated (failed) treatment technology
3. Continued City growth resulting in increased flows and loadings
4. Upcoming regulatory changes in water quality associated with the Minnesota River and Lake Pepin

The ultimate purpose of the Project is to provide sound, proven treatment infrastructure for continued community growth, establishing environmental protection as the "first line of defense" for the City and all users of their wastewater treatment systems.

Project Summary

WWTF Project (0812-C)

Project 0812-C includes modifications to the existing biosolids storage facility and general construction of new wastewater treatment facility (WWTF) buildings and structures. The construction of these structures will replace the current plant located just east of the Kandi Mall. The general contractor for the WWTF is Graham Construction Services, Inc. of Eagan, Minnesota.

Conveyance Projects (0813-D3, 0814-D4, 0815-D5)

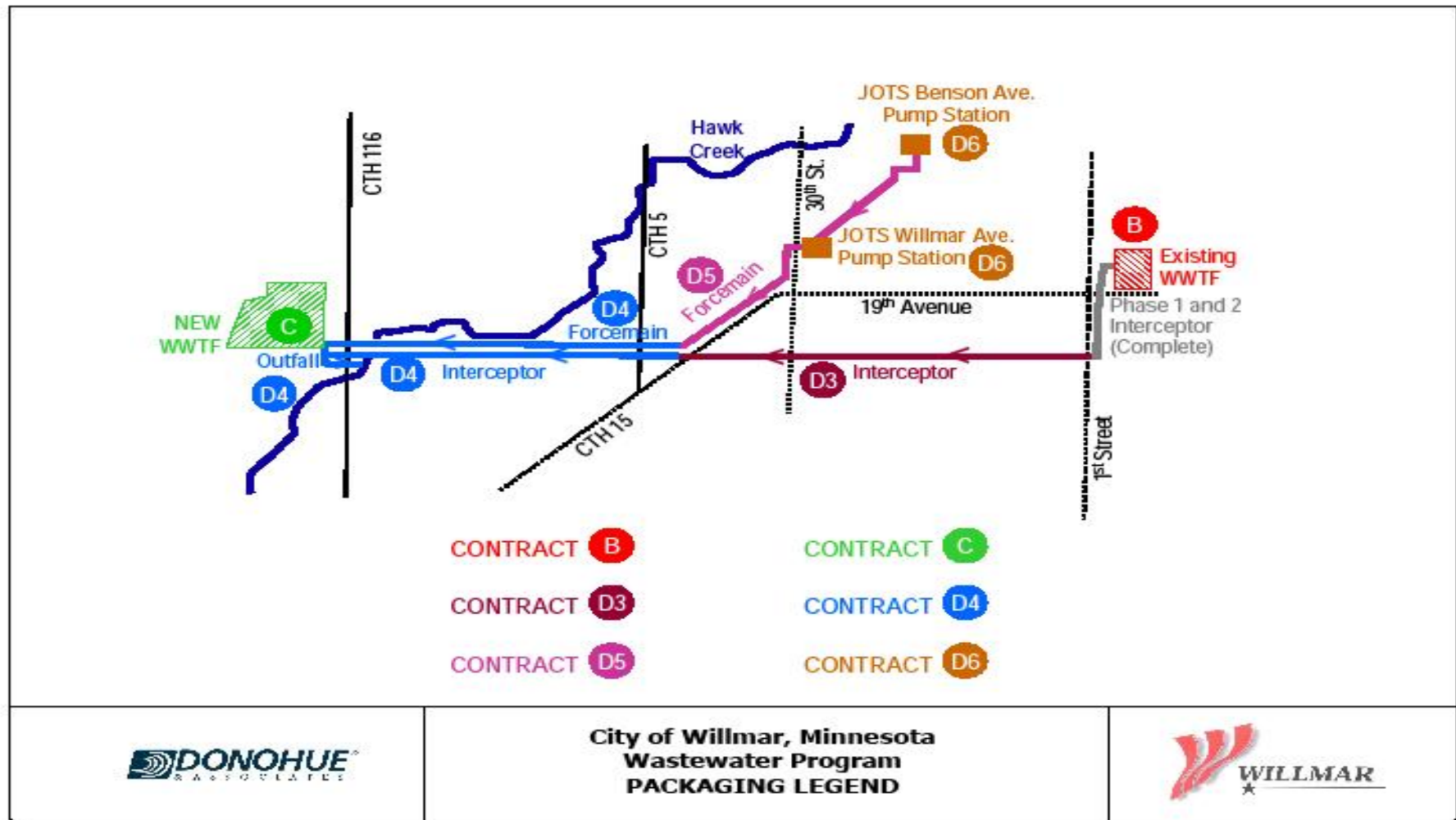
The conveyance projects include the installation of approximately 14,320 lineal feet of 48- and 54-inch diameter gravity sewer; 14,280 lineal feet of 16-inch diameter forcemain; and 3,210 lineal feet of 54-inch diameter outfall sewer. The prime contractors for the conveyance projects are S.R. Weidema, Inc. of Maple Grove, Minnesota and Voss Plumbing and Heating of Paynesville, Inc. of Paynesville, Minnesota.



WWTF Location



Project Map



City of Willmar, Minnesota
 Wastewater Program
 PACKAGING LEGEND



Project Schedule

The City of Willmar anticipates a two-year construction period for the conveyance system. The prime contractors for the conveyance projects are S.R. Weidema, Inc. of Maple Grove, Minnesota and Voss Plumbing and Heating of Paynesville, Inc. of Paynesville, Minnesota.

A three-year construction schedule is planned for the new plant. The general contractor for the WWTF is Graham Construction Services, Inc. of Eagan, Minnesota.

Traffic Impacts and Detours

Motorists may encounter minor delays on the access road to the Brush Site. The Brush Site will remain open during construction.

Please continue to check the Traffic Impacts and Detours tab on the website for road closures and detours.

Project Contact Person

Any questions or concerns regarding the project construction should be directed to:

John Bryant
Project Representative
Donohue & Associates, Inc.
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Willmar, MN 56201
Phone 320.235.5400