

MOVING THE PROJECT FORWARD

NEED FOR THE PROJECT

➤ SEVERE DROUGHT

A 1930s-style drought would cause extreme water supply shortages and devastating impacts.



\$33 Billion Economic Impact Expected Over a 10-Year, 1930s-Type Drought



5 Months of Zero Flow in Red River at Fargo in 1934



Existing Supplies will be Inadequate During Drought



Industrial Demand Exceeds Current Supply

➤ MODERATE DROUGHT

Models indicate the Project will operate more than anticipated during moderate droughts such as those in the 1950s, 1960s, 1970s, 1980s, 1990s, and 2000s.

PROJECT OVERVIEW

- The Red River Valley Water Supply Project (RRVWSP) is a drought resiliency project and economic development initiative that will deliver Missouri River water to central and eastern North Dakota through a buried pipeline.

An emergency water supply will be delivered to communities and rural water systems during moderate to severe droughts. The water will also provide opportunities for industrial development, as a current lack of industrial water supply has driven industries to obtain water through less desirable means and/or relocation out of North Dakota.

Upon completion, the RRVWSP will benefit about half of North Dakota's population.

ESTIMATED TOTAL PROJECT COSTS (165 CFS)

\$1.24 BILLION TOTAL PROJECT COST*

FOR RRVWSP HYBRID PROJECT UTILIZING FEDERAL ENDAWS



\$90.1M

Intake**, Intake Pumps
& Supply Cost



\$929.5M

Transmission Pipeline
Costs (including ROW)



\$82.8M

Pump Stations, Break Tank
& Hydraulic Structures



\$121.1M

Practical Treatment
- WTP Costs



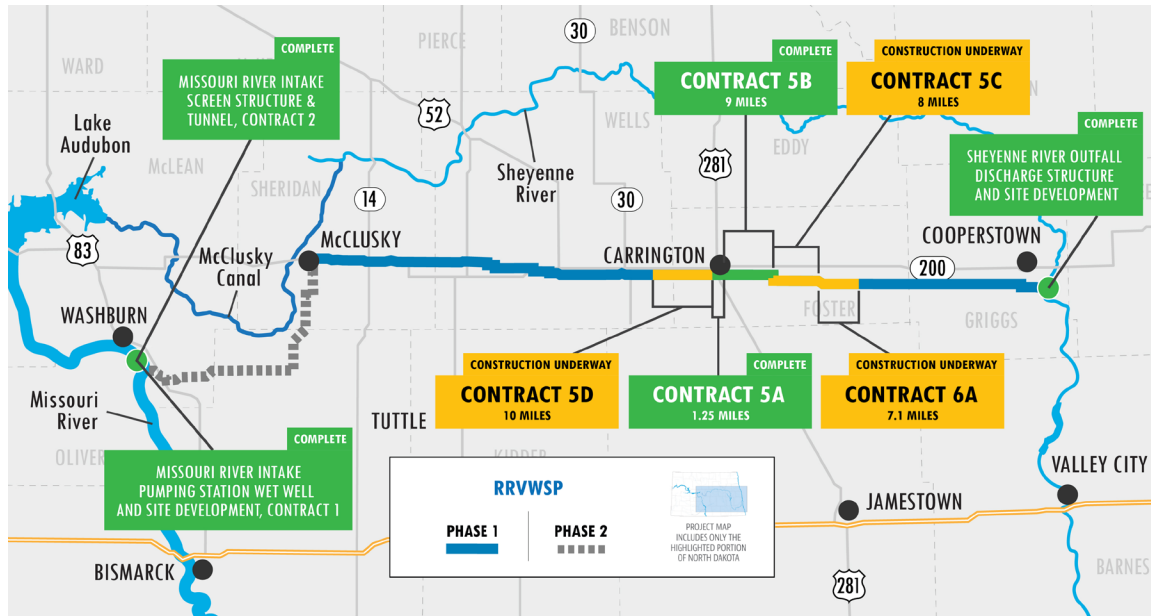
\$16.5M

Discharge
Structure Costs

*All Costs in Shown in Q1 2024 Dollars, Excludes Pipeline Extensions/Includes Admin, Engineering, Legal, Real Estate, and Programmatic Reserve (\$69M)

**McClusky Canal Intake Plus Missouri River Wet Well, Tunnel, and Screens

CONSTRUCTION PROGRESS



Water will be conveyed from the McClusky Canal via buried pipeline along Highway 200 to the discharge structure, which empties into the Sheyenne River. The water will be treated before crossing the Continental Divide.

➤ CONSTRUCTION UNDERWAY

- **CONTRACT 5C**
 - Started: Spring 2024
 - Estimated Completion: Spring 2026
 - Construction of 8 miles of 72-inch pipeline; 3 trenchless crossings in Foster County
 - Awarded to Oscar Renda Contracting
- **CONTRACT 5D**
 - Started: Spring 2024
 - Estimated Completion: Spring 2026
 - Construction of 10 miles of 72-inch pipeline; 1 trenchless crossing in Foster & Wells Counties
 - Awarded to Carstensen Contracting, Inc.
- **CONTRACT 6A**
 - Started: Spring 2025
 - Estimated Completion: Spring 2027
 - Construction of 7.1 miles of 72-inch pipeline; 3 trenchless crossings in Foster County
 - Awarded to Carstensen Contracting, Inc.

➤ COMPLETED CONSTRUCTION

- ✓ MISSOURI RIVER INTAKE PUMPING STATION WET WELL & SITE DEVELOPMENT; COMPLETED BY ICS, INC.
- ✓ MISSOURI RIVER INTAKE, SCREEN STRUCTURE & TUNNEL; COMPLETED BY MICHELS CORP.
- ✓ TRANSMISSION PIPELINE CONTRACT 5A; COMPLETED BY GARNEY CONSTRUCTION
- ✓ SHEYENNE RIVER DISCHARGE STRUCTURE & SITE DEVELOPMENT; COMPLETED BY INDUSTRIAL BUILDERS, INC.
- ✓ TRANSMISSION PIPELINE CONTRACT 5B; COMPLETED BY GARNEY CONSTRUCTION

➤ 2025-2027 CONSTRUCTION PLAN

- Install 25 Miles of Pipeline
- Complete Final Design for Facility Projects
 - McClusky Canal Intake & Pump Station; Biota Water Treatment Plant; Ground Storage Reservoirs
- Secure All Remaining Easements

