

MOVING THE PROJECT FORWARD

NEED FOR THE PROJECT

➤ SEVERE DROUGHT

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

➤ 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.



\$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



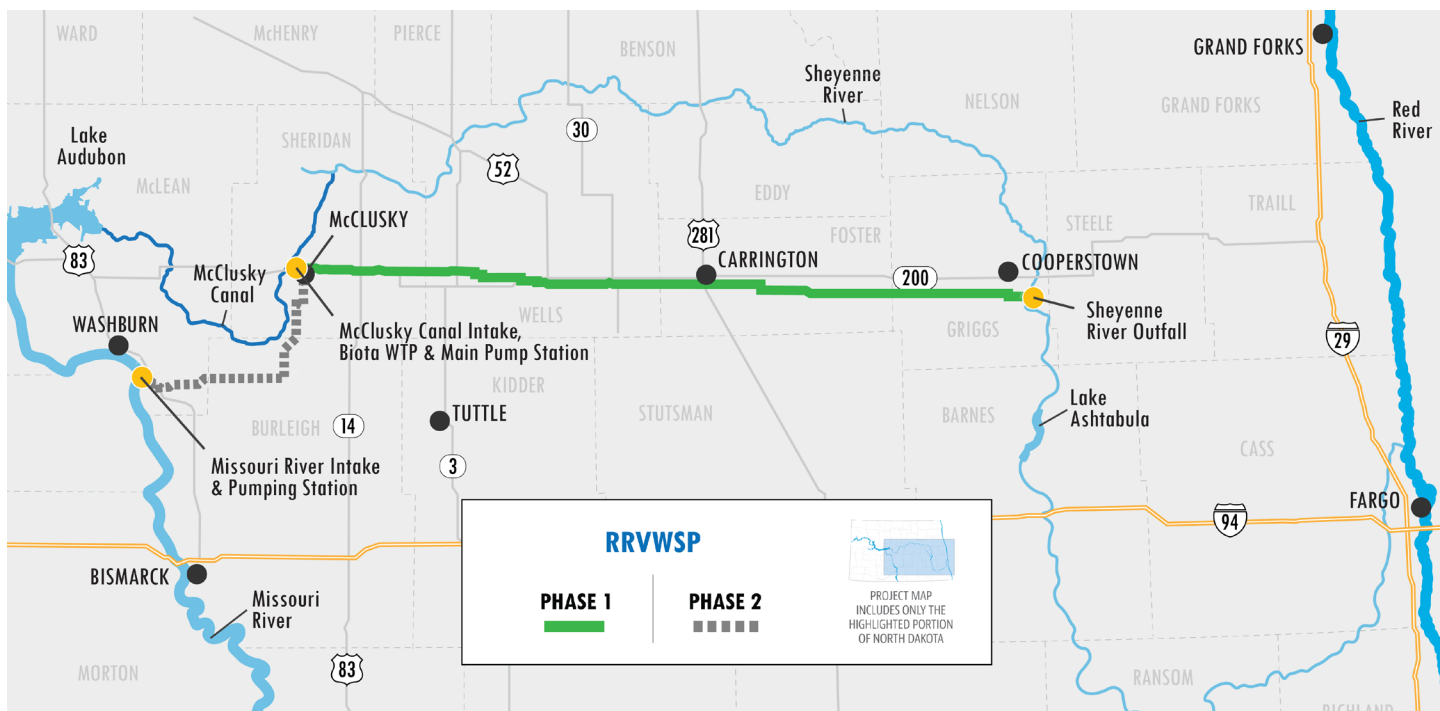
Industrial Demand Exceeds Current Supply

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)

\$1.26 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

> CONSTRUCTION UNDERWAY

> CONTRACT 5B

- Started: June 2022
- Estimated Completion: Spring 2025
- Construction of 9 miles of 72-inch pipeline; 1 trenchless crossing in Foster County
- Awarded to Garney Construction

> 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.

> 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.

> 2023-2025 CONSTRUCTION PLAN

- Install 27 Miles of Pipeline
- Complete Design on 52 Miles of Pipeline
- Complete Preliminary Design for Facility Projects
 - McClusky Canal Intake & Pump Station; Biota Water Treatment Plant; Hydraulic Break Tanks
- Secure All Remaining Easements

