

RED RIVER VALLEY WATER SUPPLY PROJECT

Serving the Water Supply Needs of Central North Dakota and the Red River Valley

HOUSE APPROPRIATIONS HEARING HB 1020

JANUARY 28, 2025



RED RIVER VALLEY WATER SUPPLY PROJECT

**RRVWSP IS AN LONG-TERM EMERGENCY WATER SUPPLY
AND ECONOMIC DEVELOPMENT DRIVER!**



PROJECT OVERVIEW



Pipe Diameter
72" (6 foot)



Pipe Length
125 Miles



Pipe Material
Steel

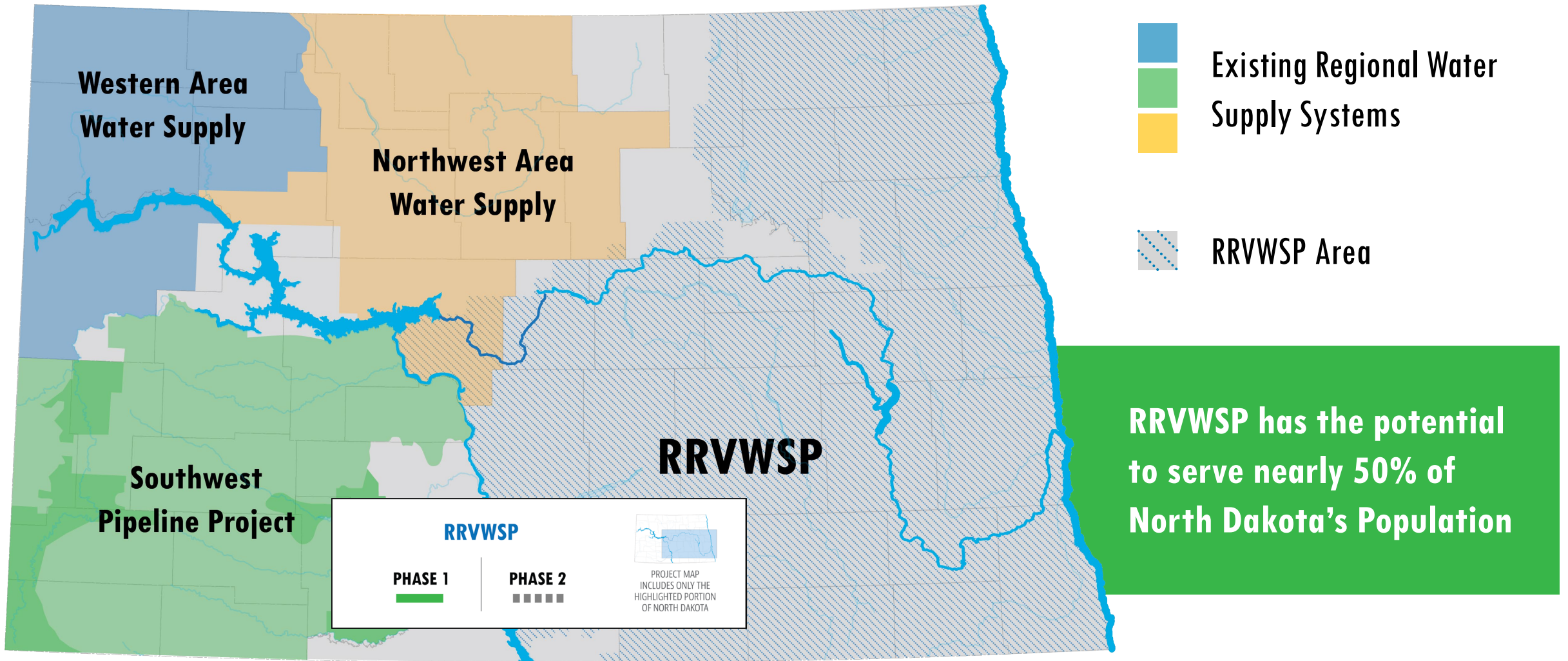


Pipe Flow
165 cfs



Bury Depth
7' Top of Pipe
15' Bottom of Trench

REGIONAL WATER SYSTEM



FEDERAL, STATE AND LOCAL PARTNERSHIP

GARRISON DIVERSION CONSERVANCY DISTRICT

Represents the State of ND

ND CENTURY CODE CH. 61-24-01

To study and provide for the water needs of eastern North Dakota communities and water districts and western Minnesota communities through a Red River Valley Water Supply Project.

ND STATE LEGISLATURE & ND STATE WATER COMMISSION



LAKE AGASSIZ WATER AUTHORITY

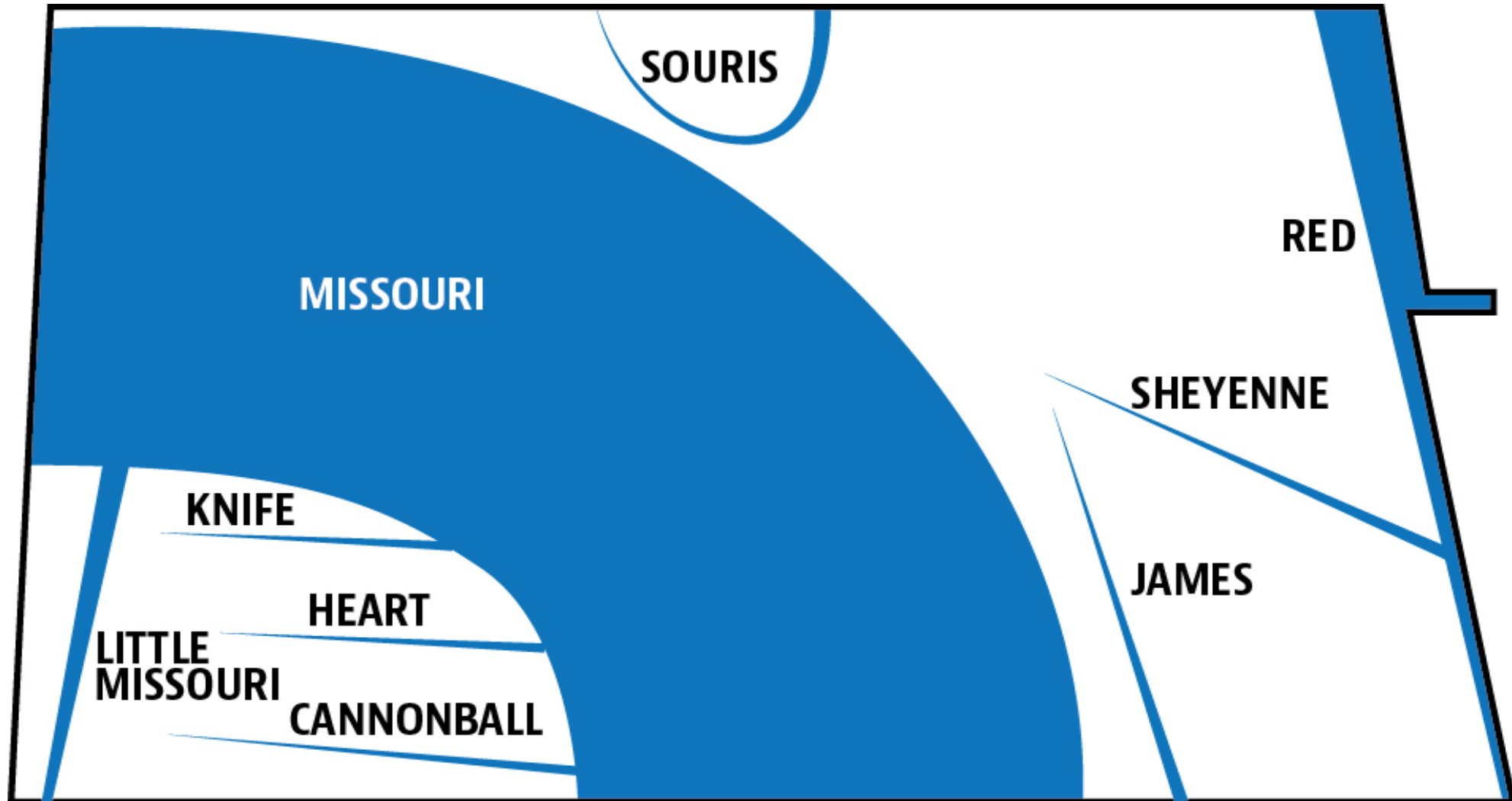
Represents Local Users

ND CENTURY CODE CH 61-39-04.1

The Lake Agassiz Water Authority and the Garrison Diversion Conservancy District shall continue studying, planning, developing, and constructing a nonfederal project to meet the water supply needs of eastern and central North Dakota.

FEDERAL GOVERNMENT

NORTH DAKOTA SURFACE WATER SUPPLY



MISSOURI RIVER

ONE OF NORTH DAKOTA'S GREATEST NATURAL RESOURCES

Accounts for 95% of North Dakota's surface water - we only utilize about 1% of the water flowing through our state

.....

Total amount of Missouri River water needed is

.5%

99.5%

of Missouri River is left unaffected



MISSOURI RIVER

USE IT OR LOSE IT

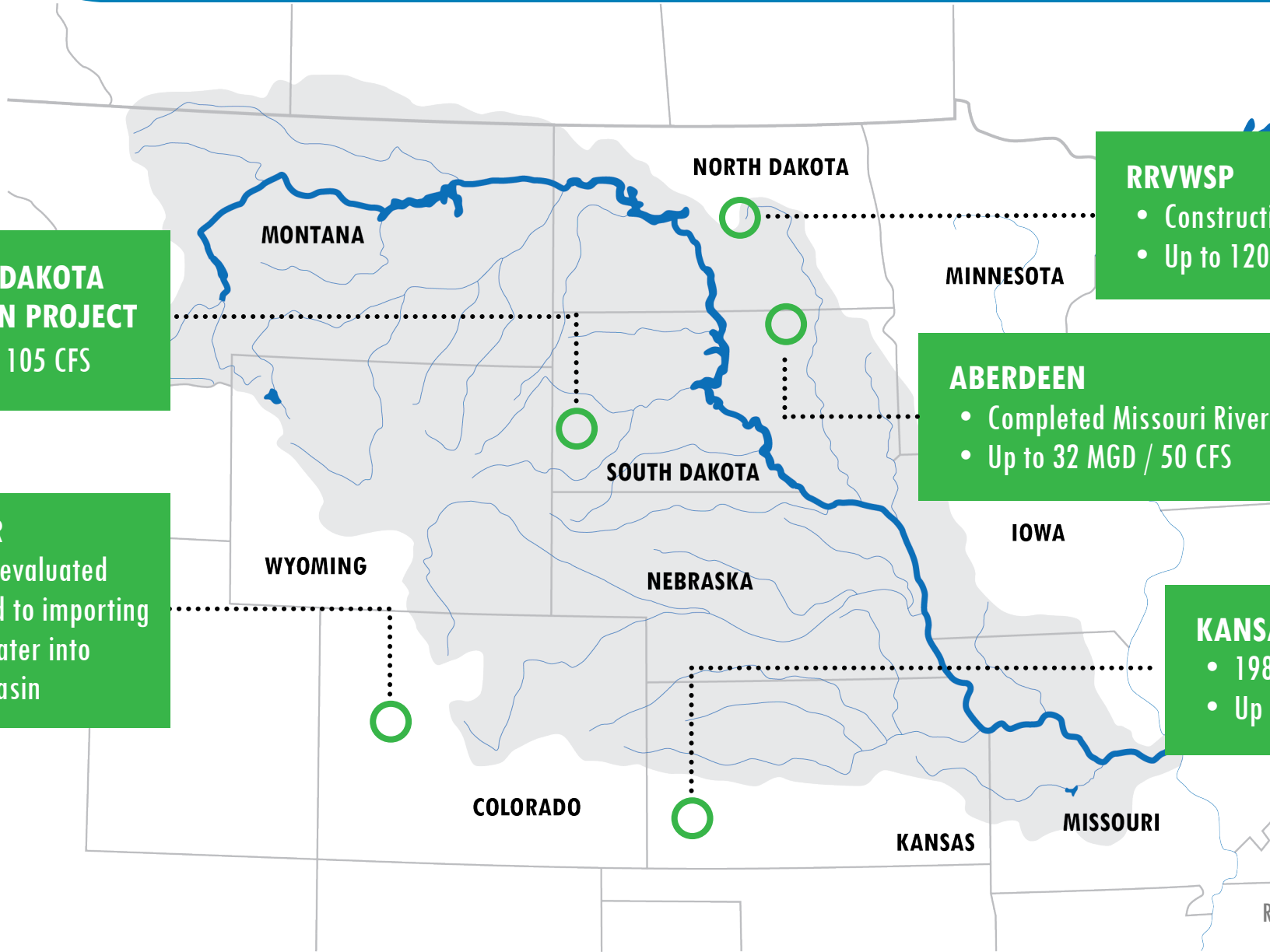


WESTERN SOUTH DAKOTA REGIONALIZATION PROJECT

- Up to 67.8 MGD / 105 CFS

COLORADO RIVER

- Reclamation has evaluated portfolios related to importing Missouri River Water into Colorado River Basin



RRVWSP

- Construction Underway
- Up to 120 MGD / 165 CFS

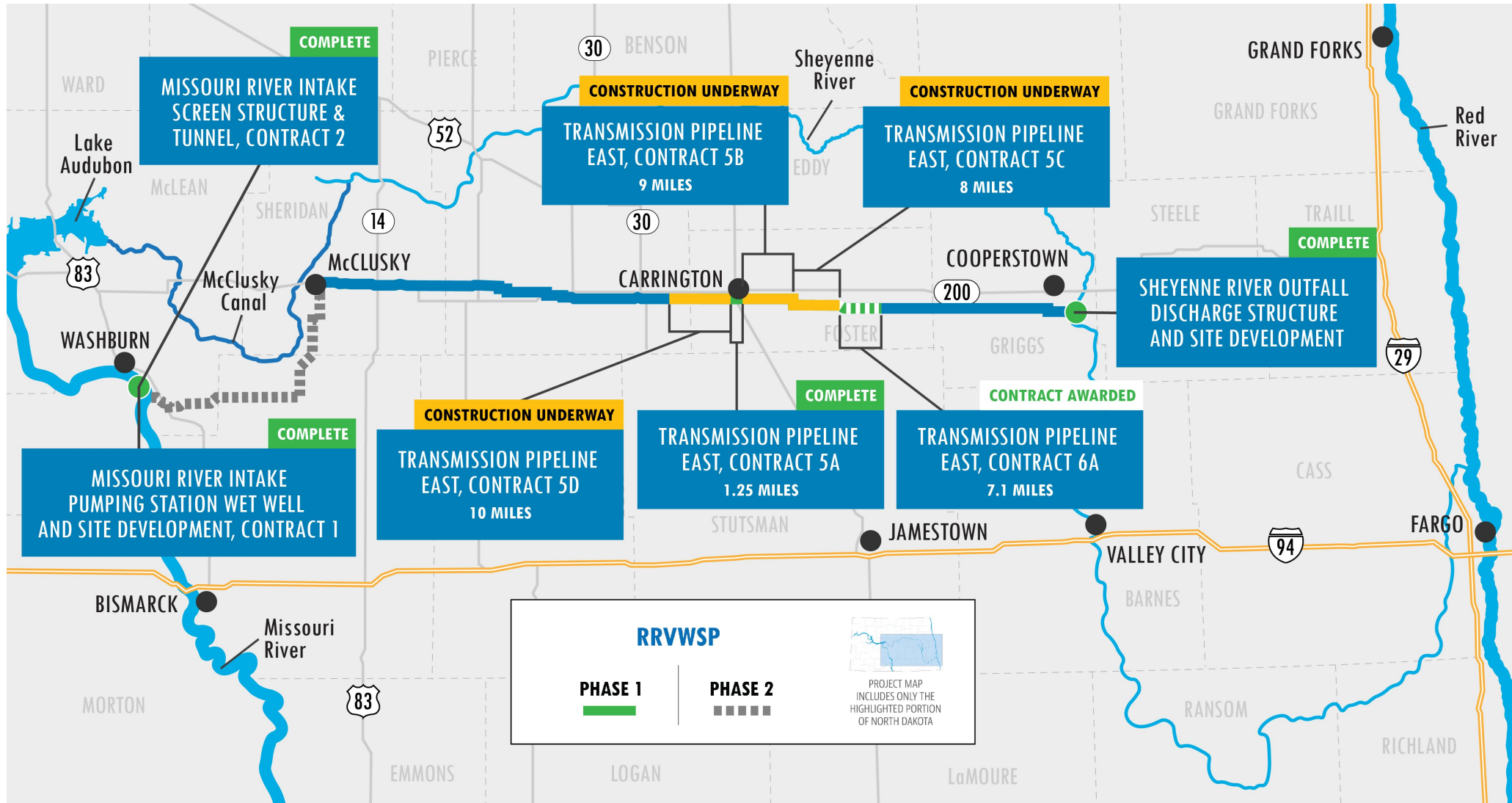
ABERDEEN

- Completed Missouri River Feasibility Study
- Up to 32 MGD / 50 CFS

KANSAS OGALLALA AQUIFER

- 1982 Study Revitalized
- Up to 3,546 MGD / 5,540 CFS

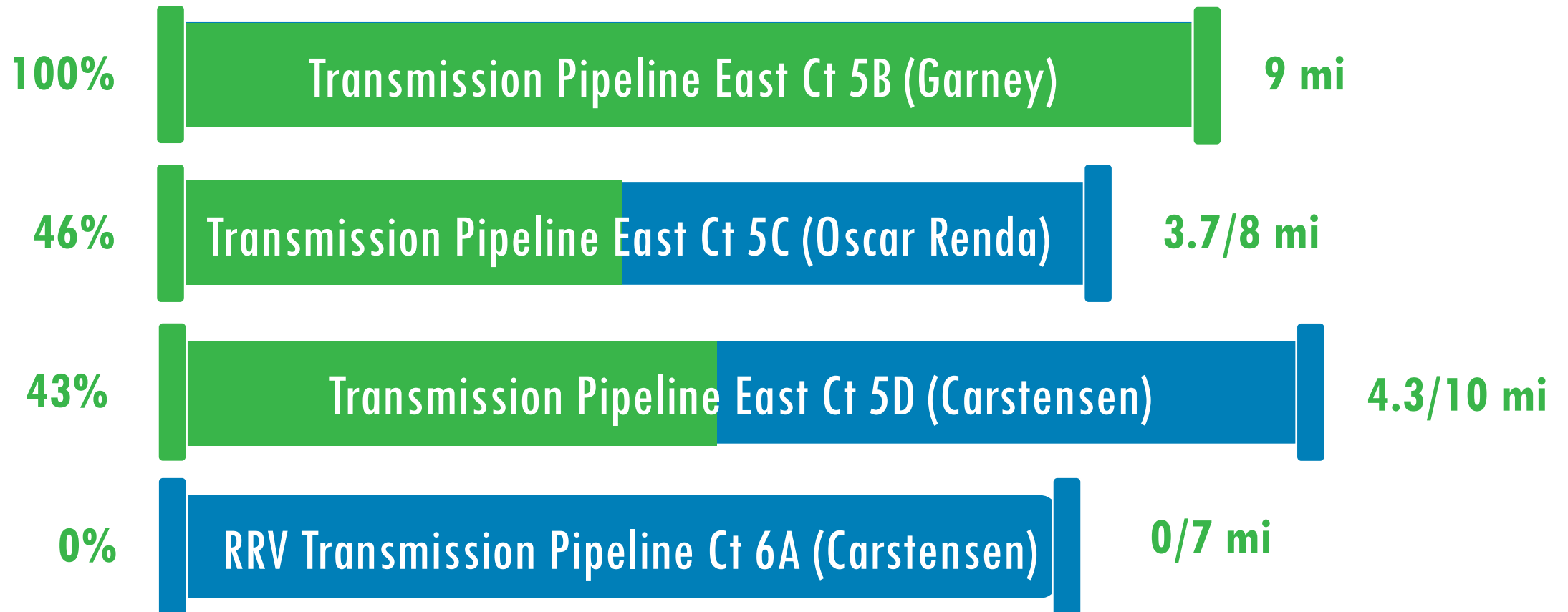
CONSTRUCTION PROGRESS



CONSTRUCTION PROGRESS

AS OF JANUARY 9, 2025

ACTIVE PIPELINE CONSTRUCTION PROJECTS



CONSTRUCTION AND DESIGN SUMMARY

- **By end of 2024, 8 construction contracts with total value of \$270M were awarded.**
- **By mid-2025, more than 100 miles of pipeline will be 100% designed.**
- **The Project has experienced a good bidding environment to date.**



USER OUTREACH UPDATE



80 USER MEETINGS AND COUNTING!

- 35 Different Municipalities & Water Districts
- Engaged with 9 Counties and Counting



SIGNED MOCS (126.95 CFS)

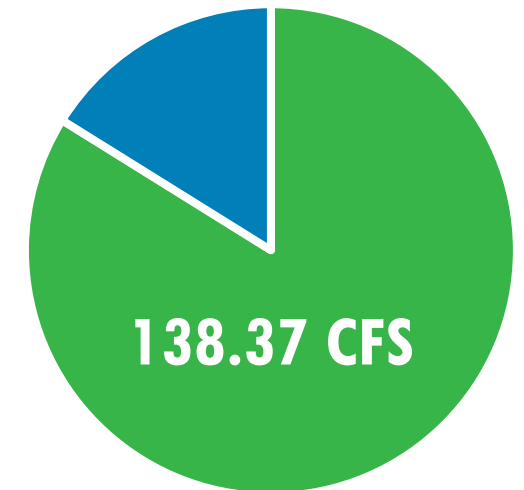
- Fargo, Grand Forks, Valley City, Carrington, Hillsboro, Mayville, Cooperstown, Washburn, Wahpeton, Sargent County, & Dickey County



ADDITIONAL APPROVALS (11.42 CFS)

- McLean-Sheridan Rural Water District, LaMoure County, Richland County, & SEWUD

84% OF THE
165 CFS CAPACITY



REMAINING NON-COMMITTED USERS
REPRESENT 12.7 CFS TO 38.5 CFS

ASSURANCE POLICY HIGHLIGHTS



Participant eligible to have nominations and financial commitment assumed by LAWA or LAWA member entity



Limited to 10 years from Project start-up



Reimbursement of principal contributions to point of assumption



Fargo and Grand Forks committed to policy proportionally

- **Potential assignment to other Participants**

SENATE BILL 2020 – 2023 LEGISLATIVE SESSION

SECTION 10. RRVWSP



23.0274.01000
Sixty-eighth
Legislative Assembly
of North Dakota
Introduced by
Appropriations Committee

SENATE BILL NO. 2020

1 A BILL for an Act to provide an appropriation for defraying the
2 water resources.

3 **BE IT ENACTED BY THE LEGISLATIVE ASSEMBLY OF NORTH DAKOTA**

4 **SECTION 1. APPROPRIATION.** The funds provided in this section
5 as may be necessary, are appropriated from special funds derived from
6 income, to the department of water resources for the purpose of defraying the
7 department of water resources, for the biennium beginning July 1, 2023, and ending June 30,
8 2025, as follows:

	<u>Base Level</u>	<u>Governor's Recommendation</u>	<u>Appropriation</u>
11 Salaries and wages	\$20,537,867	\$23,809,878	\$20,537,867
12 Operating expenses	43,366,550	59,479,068	43,366,550
13 Capital assets	98,467,437	172,396,344	98,467,437
14 Water supply - grants	125,000,000	270,000,000	125,000,000
15 Rural water supply - grants	59,600,000	35,000,000	59,600,000
16 Flood control projects	48,000,000	115,000,000	48,000,000
17 Discretionary fund for water projects	0	5,000,000	0
18 General water - grants	<u>14,227,275</u>	<u>14,233,275</u>	<u>14,227,275</u>
19 Total special funds	\$409,199,129	\$694,918,565	\$409,199,129
20 Full-time equivalent positions	90.00	93.00	90.00

21 **SECTION 2. ONE-TIME FUNDING.** The following amounts reflect one-time funding items
22 approved by the sixty-seventh legislative assembly for the 2021-23 biennium:

<u>One-Time Funding Description</u>	<u>2021-23</u>	<u>2023-25</u>
24 Line of credit - Bank of North Dakota	\$50,000,000	\$0

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- **\$180M** for 23-25 Biennium
- **\$953M** Total State Commitment
@ 75% Cost-Share
- Capitalized Water Infrastructure Revolving Loan Fund (WIRLF) **\$60M** for 40 Years at 2%
- Commitment Based on **10-Year Build**
Utilizing ENDAWS

2023-2025 BIENNIUM FUNDING

Garrison Diversion and Lake Agassiz have obligated all \$240M in 2023-2025 dollars to move the project forward.



INVESTMENT SCHEDULE

LEGISLATIVE INTENT

LEGISLATIVE FUNDING INTENT (MILLIONS)		23-25		25-27		27-29		29-31		31-33		TOTAL	
Current \$953M (Completion 2032)	State	\$180.00		\$221.10		\$236.85		\$253.74		\$61.35		\$953.00	
	Local	\$60.00		\$73.70		\$78.95		\$84.58		\$20.45		\$317.70	
	TOTAL	\$240.00		\$294.80		\$315.80		\$338.32		\$81.80		\$1,270.70	
		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Annual Inflation Assumptions*		6.0%	5.0%	5.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	

2025-2027 FUNDING REQUEST

75% STATE COST SHARE

\$221M

CONTINUE TO FUND THE RRVWSP AT A LEVEL TO COMPLETE WITHIN THE 10-YEAR BUILD SCHEDULE

KEYS TO IMPROVING AFFORDABILITY

- NUMBER OF USERS
- COST EFFICIENT BUILD SCHEDULE
 - STATE BONDING
- FEDERAL MONEY



2025-2027 FUNDING REQUEST

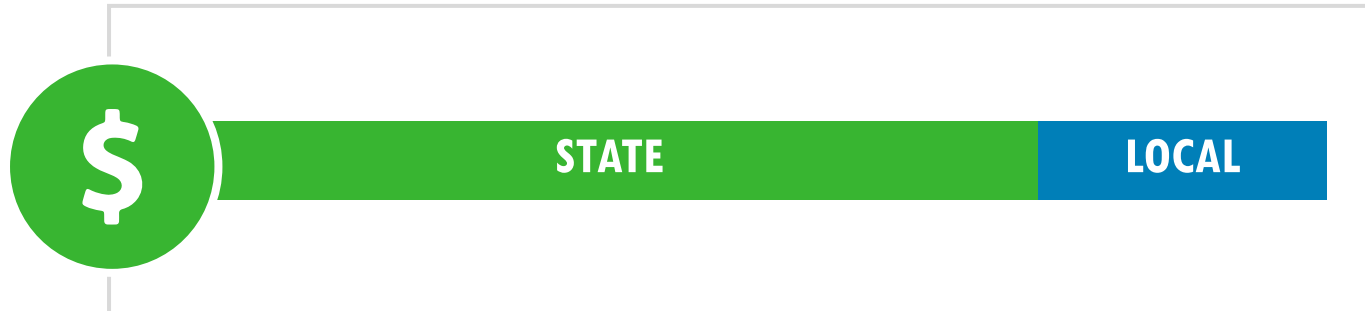
25% LOCAL COST SHARE

\$73.7M

WATER INFRASTRUCTURE REVOLVING LOAN FUND

Capitalize: working closely with BND

40-year, 2%



DRAFT 2025-2027 WORK PLAN



\$280M – Install 31 Miles of Pipeline



\$15M – Final Design of Facilities

- Biota Water Treatment Plant
- McClusky Canal Pump Station
- Main Pump Station
- Ground Storage Reservoirs

THANK YOU!

www.rrvwsp.com

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