RED RIVER VALLEY
WATER SUPPLY PROJECT

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

SENATE APPROPRIATIONS - EDUCATION AND ENVIRONMENT DIVISION
SB2020 COMMITTEE WORK

FEBRUARY 3, 2023

Lake Agassiz Water Authority

GARRISON

PRIMARY 2023 LEGISLATIVE REQUEST

STATE COMMITMENT TO THE PROJECT

› Funding Commitment to Implement Project

Not just 23/25 Biennium Work Plan

- The State has been a vital partner in the development of the Project. Now is the time to commit to full implementation of the Project.
- A strong State commitment provides confidence to local water systems deliberating on their level of involvement.
- Cost efficient build schedule to get the project into service sooner, reducing risks and inflationary impacts.

2023-25 BIENNIUM REQUEST

$255 MILLION

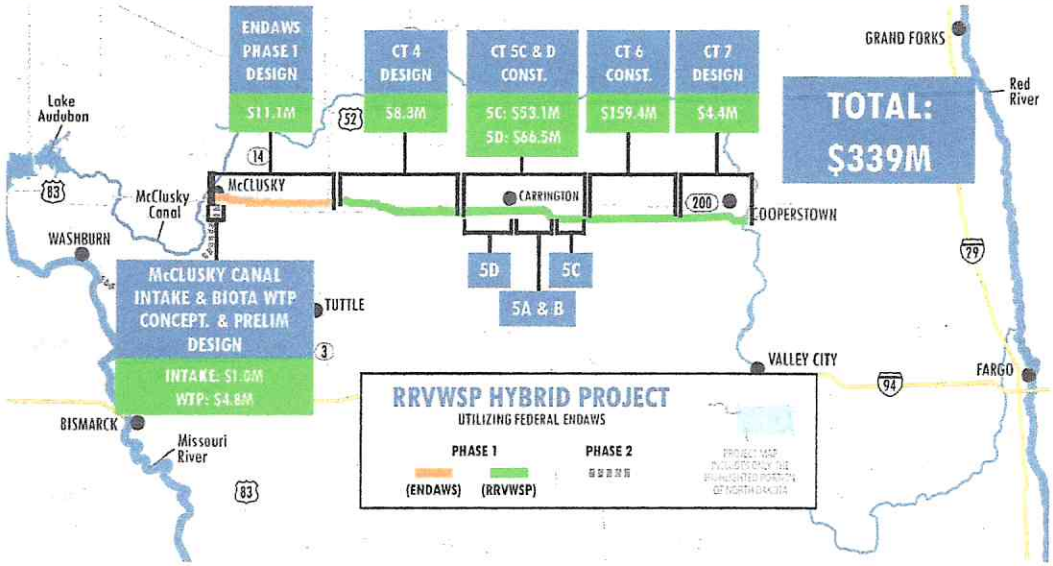
Using State Cost Share Policy (72/25) leverages in additional $85M in Local Funding for $340M in total capabilities

Shovel-Ready Construction (43 Miles of Pipeline!)

Continued Design (40 Miles of Pipeline)

ENDAWS Phase 1 Design (32 Miles of Pipeline)

LEGISLATIVE REQUEST
DRAFT 2023-2025 WORK PLAN



CONTINUED DESIGN
(40.2 MILES TOTAL)
Contracts 4 & 7

SHOVEL-READY CONSTRUCTION
(42.9 MILES TOTAL)
Contracts 5C, 5D, 6A & 6B

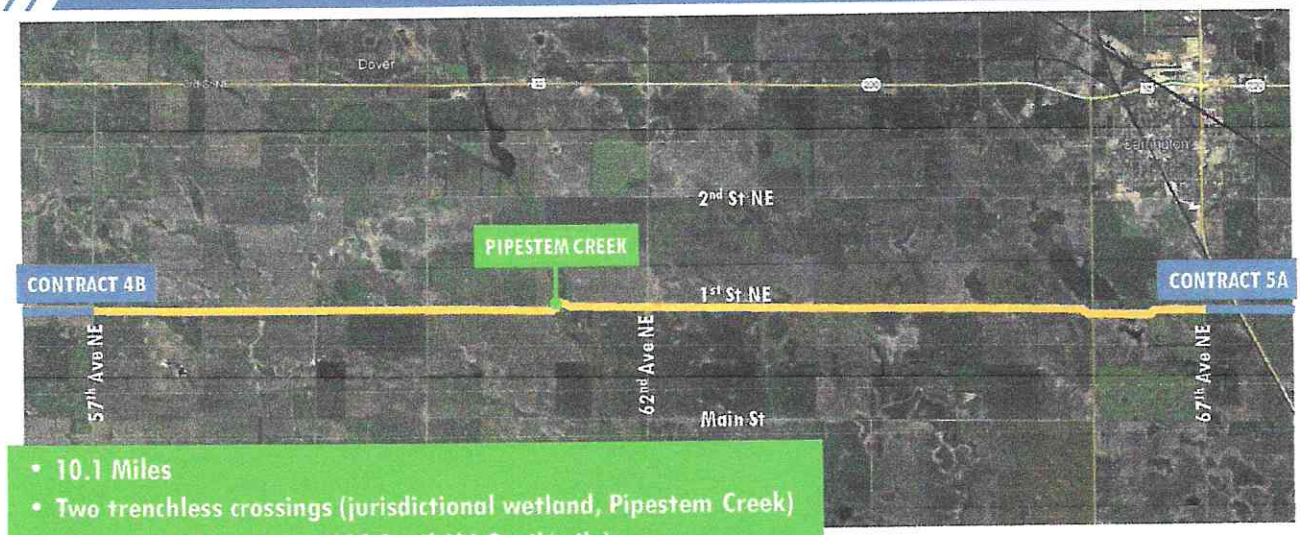
ENDAWS DESIGN
(32.0 MILES TOTAL)
Pipeline, Intake & Biota WTP

* OTHER PROGRAM COSTS: $29.6M

CONTRACT 5C

- 8.1 Miles
- Three trenchless crossings (Kelly Creek, 36" natural gas, James River)
- Current Cost Opinion = $58.6 mil ($7.2 mil/mile)
- Ready to bid by July 3, 2023

CONTRACT 5D



- 10.1 Miles
- Two trenchless crossings (jurisdictional wetland, Pipestem Creek)
- Current Cost Opinion = $63.3 mil ($6.3 mil/mile)
- Ready to bid by July 3, 2023

PROJECTED ECONOMIC BENEFITS OF RRVWSP DURING DROUGHT

"SAVING OUR ECONOMY" FROM THE IMPACTS OF SIGNIFICANT DROUGHT

$33.6 BILLION

Projected total positive Project impact in a "Dirty Thirties" style drought simulated from mid-2030s through the mid-2040s

FORECASTED SPEND SCHEDULES
STATE COST-SHARE AND INFLATION MITIGATION

WHAT IF PROJECT IS FUNDED AT A SLOWER PACE THAN IS BEING REQUESTED?

STATE CONTRIBUTION (PER BIENNIUM)	RRVWSP PROJECTED COMPLETION DATE	ENDAWS PROJECTED COMPLETION DATE
$85M	∞ (*Never)	∞ (*Never)
$100M	∞ (*Never)	42-Years (Dec 2063)
$150M	32-Years (June 2053)	22-Years (Dec 2043)
$200M	21-Years (June 2042)	16-Years (June 2037)
$250M	16-Years (Dec 2037)	12-Years (Dec 2033)

* Due to inflation outpacing project spend, project timeline is indefinite.

FORECASTED SPEND SCHEDULES
STATE COST-SHARE – INFLATION ADJUSTED

PROJECTED STATE-COST SHARE BY BIENNIUM ($M)*

	21-23	23-25	25-27	27-29	29-31	31-33	TOTAL STATE SHARE (Savings)	REMAINING LOCAL SHARE (Savings)	TOTAL PROJECT (Savings)
RRVWSP: 10-Year	$85.9	$254.3	$271.7	$291.1	$311.8	$81.4	**$1,296** (-)	**$432** (-)	**$1,728** (-)
RRVWSP: 8-Year	$85.9	$254.3	$392.5	$420.4	$109.7	-	**$1,263** ($33)	**$421** ($11)	**$1,684** ($44)
ENDAWS: 8-Year	**$85.9**	**$254.3**	**$280.9**	**$301.0**	**$78.5**	-	**$1,001** ($295)	**$333** ($99)	**$1,334** ($394)
ENDAWS: 6.5-Year	$85.9	$254.3	$421.4	$221.8	-	-	**$983** ($313)	**$328** ($104)	**$1,311** ($417)

*<u>State cost-share of 75%</u> and inflation adjusted to the projected year of expenditure