

DRAFT

**Rocky Boy's/North Central Montana Regional Water Authority
Coordinating Committee Meeting**

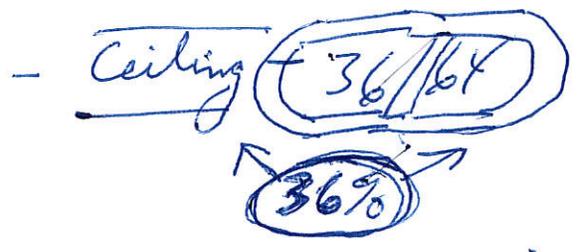
AE2S Office Buildings (300 15th Street South, Suite #7) – Great Falls, MT

Conference Call Number: (712) 775-7035, Access Code: 288230#

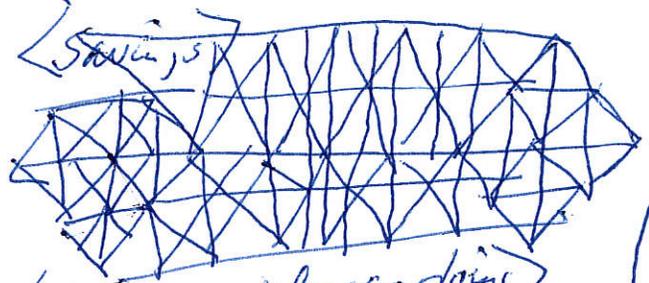
August 22, 2017 - 10:00 a.m.

1. Introductions - **Tribe (Chair)/** Authority (Co-Chair)
 - a. Recognition of Guests
 - b. Review of Agenda
 - c. Approval of May 23, 2017 Meeting Minutes
2. Chippewa Cree Construction Corp Report
 - a. Ongoing Projects
 - b. AFA17 Proposed Projects
 - c. Financials
 - d. Operations – Tribal Water Resource Department
3. North Central MT Regional Water Authority Report
 - a. Ongoing Projects
 - b. AFA17 Proposed Projects
 - c. Financials
4. BOR, DNRC, DEQ, EPA and BIA Updates
Greg - Anna Miller - Karen Boulton
5. Other
Copy of comments
 - a. Newsletter Review –
6. Next Meeting Date
 - OM&R Committee Meeting**
Tuesday November 28, 2017 at 8:30 a.m. – AE2S Office Great Falls, MT
 - Coordinating Committee Meeting**
Tuesday November 28, 2017 at 10:00 a.m. – AE2S Office Great Falls, MT

- Louette -
- Deso -
- Project moved to #2 -
- Infrastructure Package -



< Index Orig \$75 million >



< What appropriate are doing >

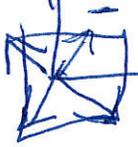
< Have 3.5 mil rd tank >

< Sullivan Sewer \$3500 >

HB 11 \$4.9 / 500,000 us
 Do 1st year get you

Contingency Ideas:

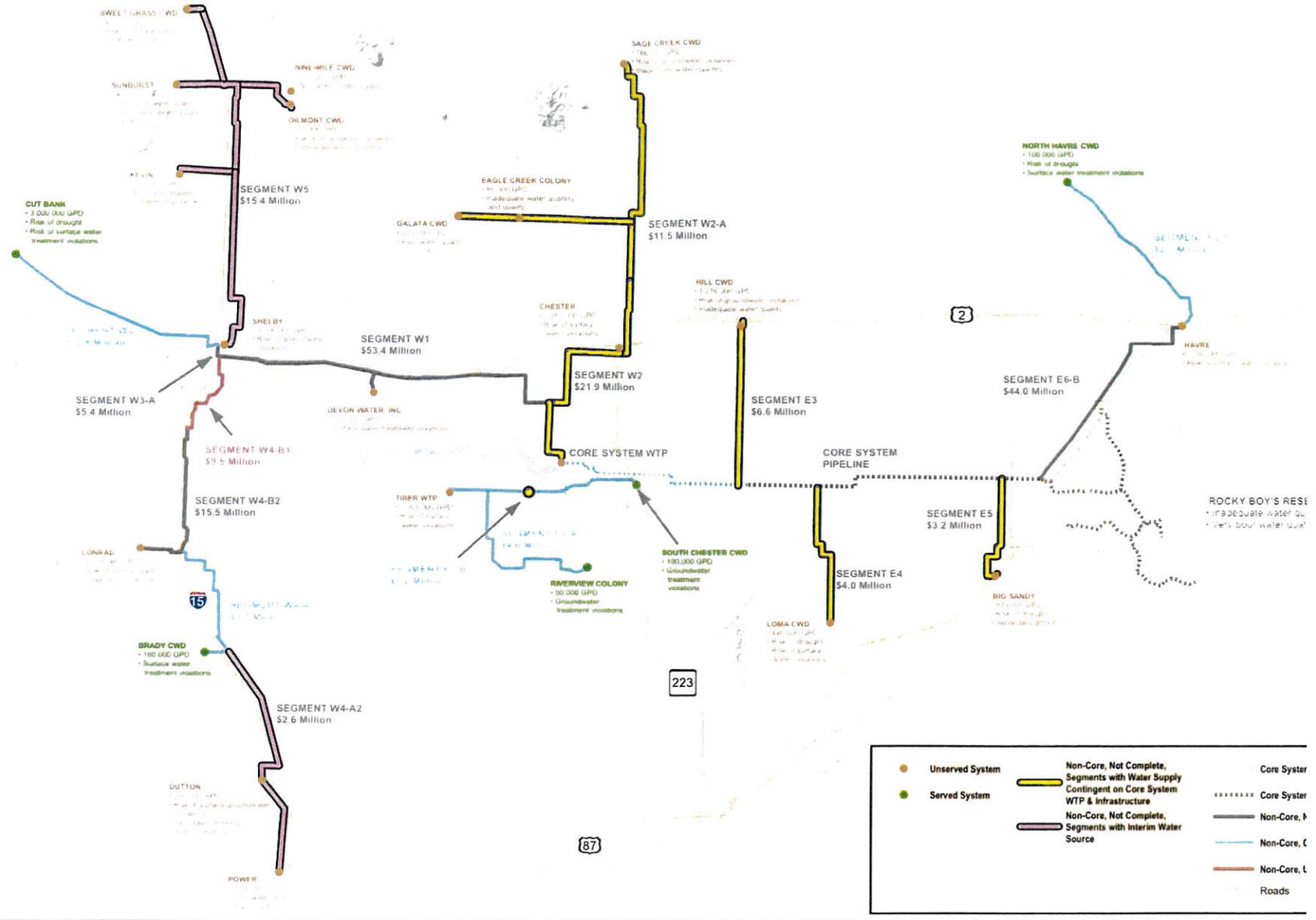
- Pipe reduce size - 2 pipes
 24/30 inch pipe
 replace a 36 inch pipe
 20' separation
 24" = ~~8.6~~ = 8.6 MGD
 24" steel in pressure area
 30" = 12.2 MGD
 < 20.8 MGD/day >
- Water quality not a problem -
 < 8-9 days >
- How would you stay w/in funds
 \$80 mil / date
- One pipe line \$37 mil / (boros)
- 5 years to build out -
- 2 pipe line increase only 3% -
- Nickleson's idea - treat waf
 plant at turn outs + Box Elder -
- Mt BOR has not had any
 requests to present alternatives -
- Name -
- owner + agency review - tube + BOR -
- Lead + copper review
- Turn outs = point of sale = tube oriented =
- Land transfer for plant scheduled soon
- Raw water line testing complete



Looking Forward - Preliminary Segment Priority Order

NCMRWA Remaining Segments		\$ Millions	Comments
1	Shelby to Sweet Grass (Segment W5 Partial)	\$13.6 ^{MB}	Current top priority with water available from Shelby
2	Tiber CWD Pump/Meter Station (Segment E1-B)	\$1.2	Contingent on Core System WTP
3	Tiber Water Treatment Plant to Chester (Segment W2)	\$21.9	Contingent on Core System WTP
4	Chester to Eagle Creek Colony, Galata, Sage Creek (Seg. W2A)	\$11.5	Contingent on Core System WTP and Segment W2A
5	Loma CWD Segment E4	\$4.0	Contingent on Core System WTP and Extension of Core System Pipeline
6	Big Sandy Segment E5	\$3.2	Contingent on Core System WTP and Extension of Core System Pipeline
7	Hill CWD Interim Scenario E3	\$6.6	Contingent on Core System WTP
8	Havre E6-B	\$44.0	Contingent on Core System WTP and Extension of Core System Pipeline
9	Chester to Shelby W1	\$53.4	Contingent on Core System WTP
10	Shelby Hub Area W3-A	\$5.4	Contingent on Core System WTP and Segment W1
11	Sunburst to Sweet Grass (Segment W5 Remainder)	\$2.7	Contingent on Segment W5 Partial (Shelby to Sunburst)
12	Shelby to Conrad W4 Remainder	\$15.5	Contingent on Segment W4B Partial (Which is Currently Under Construction) and Core System WTP
13	Brady to Dutton and Power	\$2.6	Can be Completed Any Time
TOTAL		\$179.5	

260



Lori Stratton

From: Lori Stratton
Sent: Thursday, August 24, 2017 4:09 PM
To: Lori Stratton
Subject: FW: Acting Chief Patrol Agent

From: Larry Bonderud
Sent: Thursday, August 24, 2017 4:05 PM
To: Lori Stratton <lori@shelbymt.com>
Subject: Fwd: Acting Chief Patrol Agent

Next packets.

Sent from my iPhone

Mayor Lar

Begin forwarded message:

From: "KLEIN, KIMBERLY L" <KIMBERLY.L.KLEIN@cbp.dhs.gov>
Date: August 24, 2017 at 3:45:22 PM MDT
Subject: Acting Chief Patrol Agent

Greetings from Havre Sector Border Patrol:

With the retirement of Michael Flanagan as the Chief Patrol Agent of Havre Sector Border Patrol, I would like to let you know that I have been appointed the Acting Chief Patrol Agent in the interim.

I look forward to continuing our cohesive relationship. Feel free to contact me with any questions you might have.

Sincerely,

Sean L. McGoffin
Acting Chief Patrol Agent
Havre Sector
U.S. Border Patrol
406-262-5600

CONSTRUCTION FIELD REPORT



Project Name: NCMRWA Segment W4-B1 Shelby to Conrad

⇒ Report Date: 8/25/2017

Owner: NCMRWA

Project Location: Shelby to Conrad, MT

KLJ Project No: 4615048

Contractors: Downing Construction Inc.

Reporter: Aaron Peters

Weather & Site Conditions

- Hot through most of the week with daily highs in the 80s and 90s.

Construction Activities

- The week of August 20th Downing Construction continued pipe line installation and appurtenances from Sta. 480+00.00 - 526+25.00. CTI showed up with their bigger bore machine and will attempt to pull the stuck pipe out from under the Marias River early the week of 8-28-17. On Thursday 8-24-17 the new bore pipe was fused together on the North side of the Marias River.

Construction Pictures

ARV manhole Sta. 513+90.00



Bore Pipe Fusing





ROCKY BOY'S / NORTH CENTRAL MONTANA REGIONAL WATER SYSTEM PROJECT

CORE SYSTEM PROJECT SUMMARY

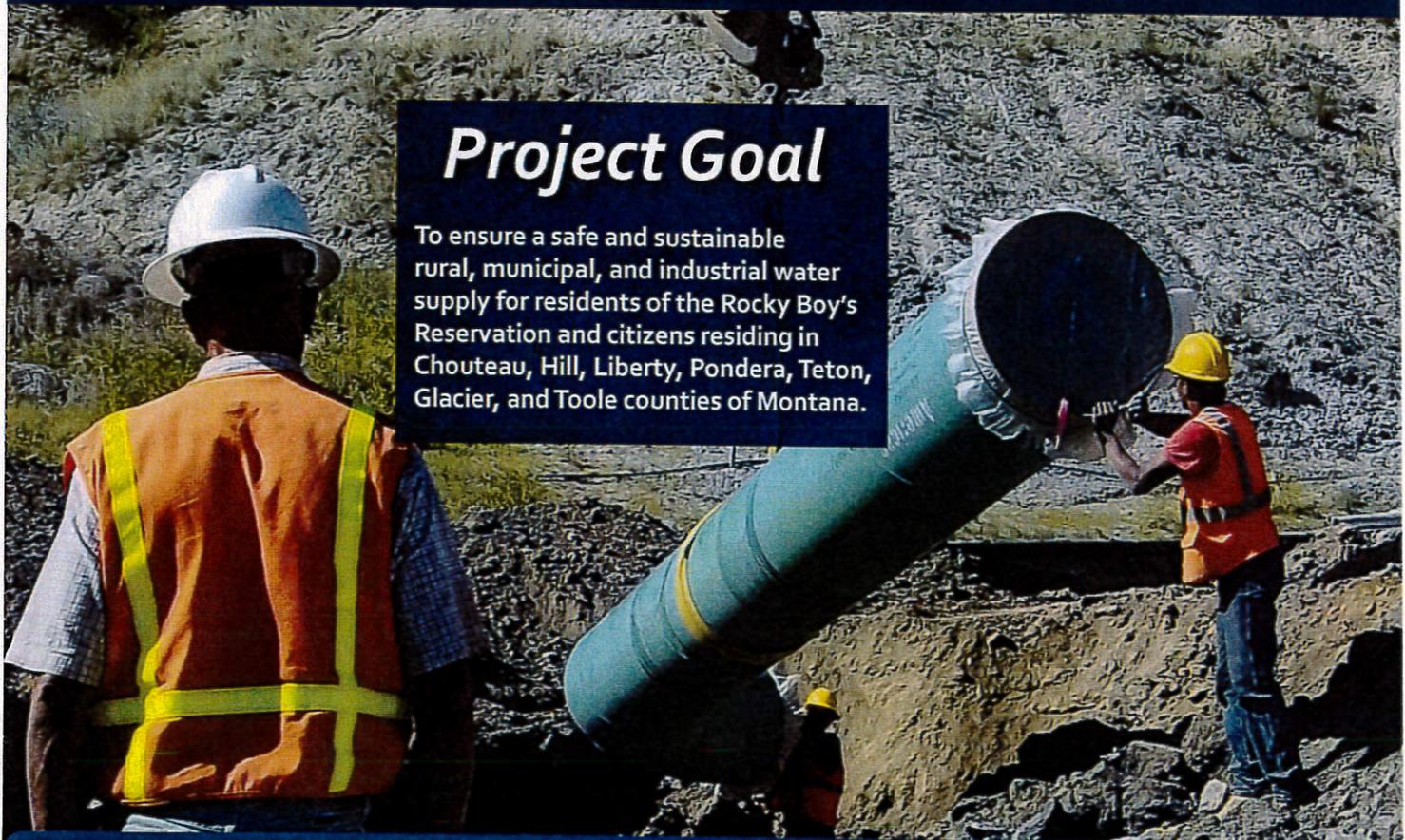
August 2017



Project Background

Project Goal

To ensure a safe and sustainable rural, municipal, and industrial water supply for residents of the Rocky Boy's Reservation and citizens residing in Chouteau, Hill, Liberty, Pondera, Teton, Glacier, and Toole counties of Montana.



Chippewa Cree Tribal Water Rights Settlement

Public Law 106-163

Passed in 1999



Public Law 107-331

Passed in 2002



Rocky Boy's/North Central Montana Regional Water System Project (RB/NCMRWS Project)

The Chippewa Cree Tribe of the Rocky Boy's Reservation and the State of Montana, through the Reserved Water Rights Commission, negotiated a settlement of the Tribe's Water Rights Claims. The Compact, ratified by the 1997 Montana Legislature and signed by President Clinton in December of 1999, provided a water allocation of 10,000 acre feet to the Tribe from Lake Elwell (Tiber Reservoir), south of Chester, Montana. In addition to providing a water supply for the Tribe, the project was also expanded to provide water service to residents of Chouteau, Hill, Liberty, Pondera, Teton, Glacier, and Toole counties of Montana. On December 12, 2002, President Bush signed S.2017, the Rocky Boy's/North Central Montana Regional Water System (NCMRWS) Act of 2002 (PL 107-331), as the final step in the federal approval process and the beginning of a project to improve the quality of life for the Tribe and residents of north central Montana.

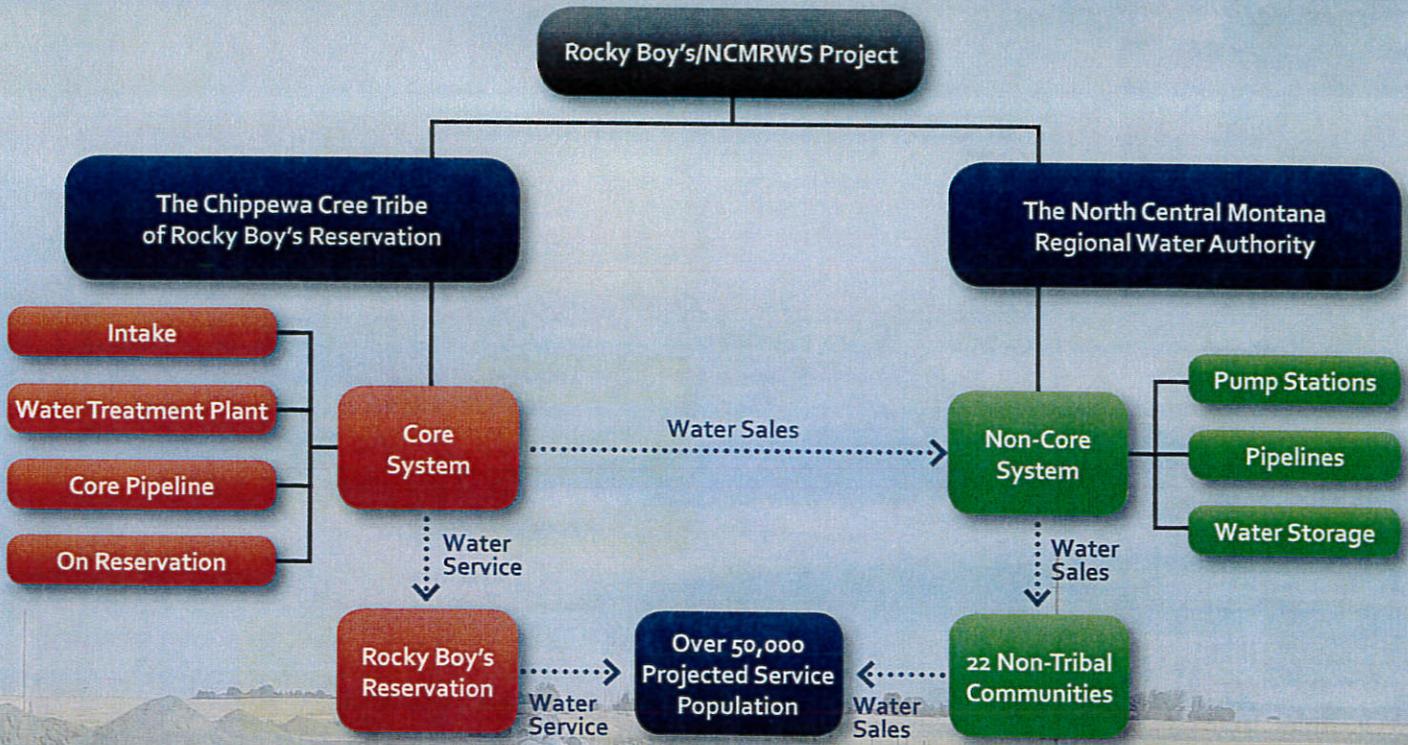


Interesting Fact:

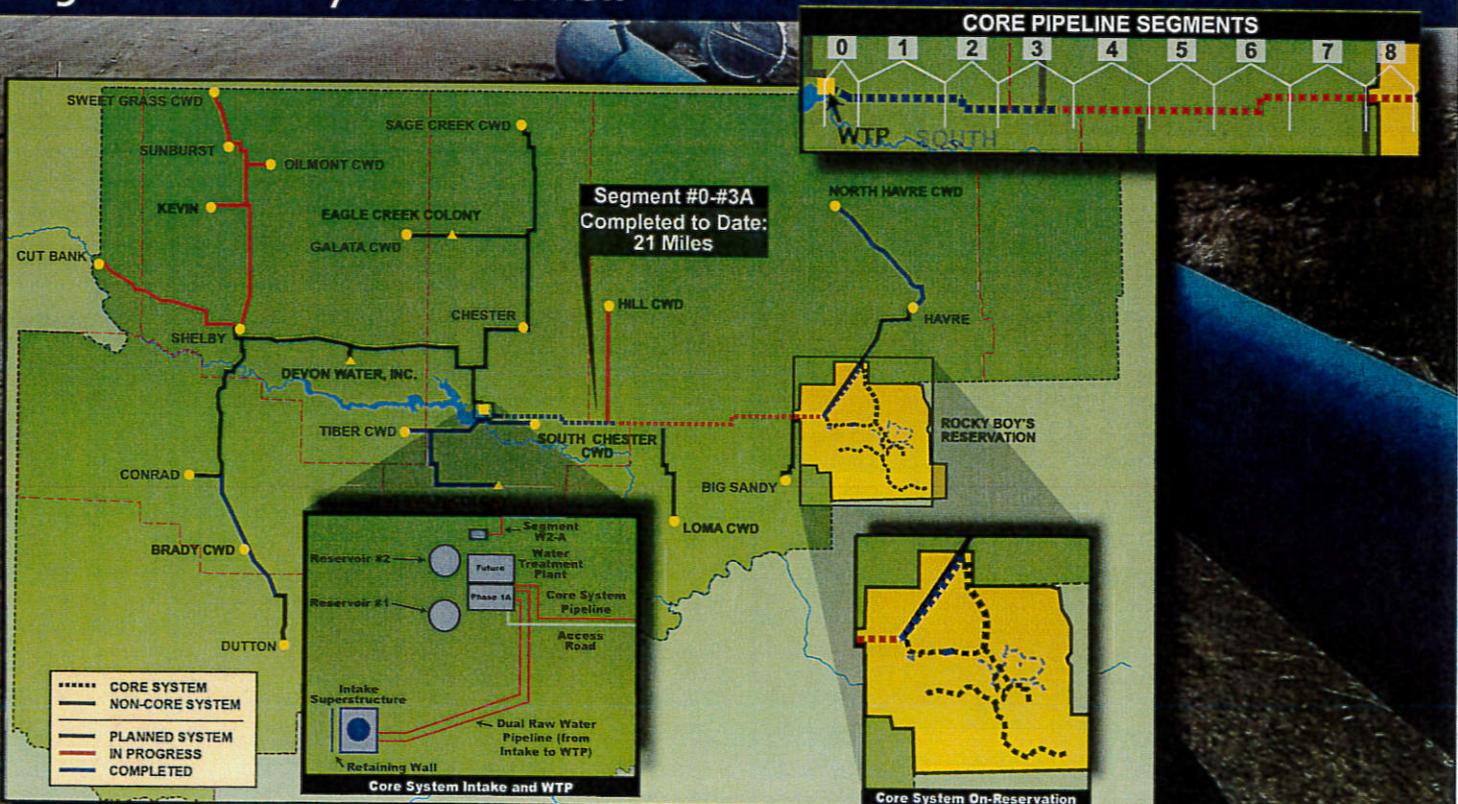
The Rocky Boy's/NCMRWS Project will provide water service to an area of approximately 6.8 million acres suffering from water sources deficient in quantity and quality, resulting in water shortages and regulatory violations. The 6.8 million acre area served by the Project is larger than nine of the states in the United States.

Project Background

The Rocky Boy's/North Central Montana Regional Water System (NCRMWS) Project Stakeholders



Regional Water System Overview



ROCKY BOY'S / NORTH CENTRAL MONTANA

REGIONAL WATER SYSTEM PROJECT

Bringing Safe, Sustainable Water to more than 30,000 Montana Residents

2017/2018 Funding Request

Construction Projects Requiring Immediate Funding

TRIBAL (CORE) PROJECTS	2017 ESTIMATED FEDERAL FUNDING NEEDED
1. Water Treatment Plant (Phase 1A) Design & Construction (See Page 6)	\$52,700,000
2. Core Pipeline Segment #3B Construction	\$8,300,000
3. Core Pipeline Segment #4 Design & Construction	\$15,400,000
4. Core Pipeline Segment #5 Design & Construction	\$15,400,000
5. Intake (Phase 3 - Electrical & Pumps)	\$5,000,000
6. Water Treatment Plant (Phase 1B - Admin Building)	\$6,000,000
SUBTOTAL FEDERAL FUNDING NEEDED	\$102,800,000
NON-CORE SYSTEM FUNDING REQUEST	\$57,825,000
TOTAL FEDERAL FUNDING NEEDED	\$160,625,000

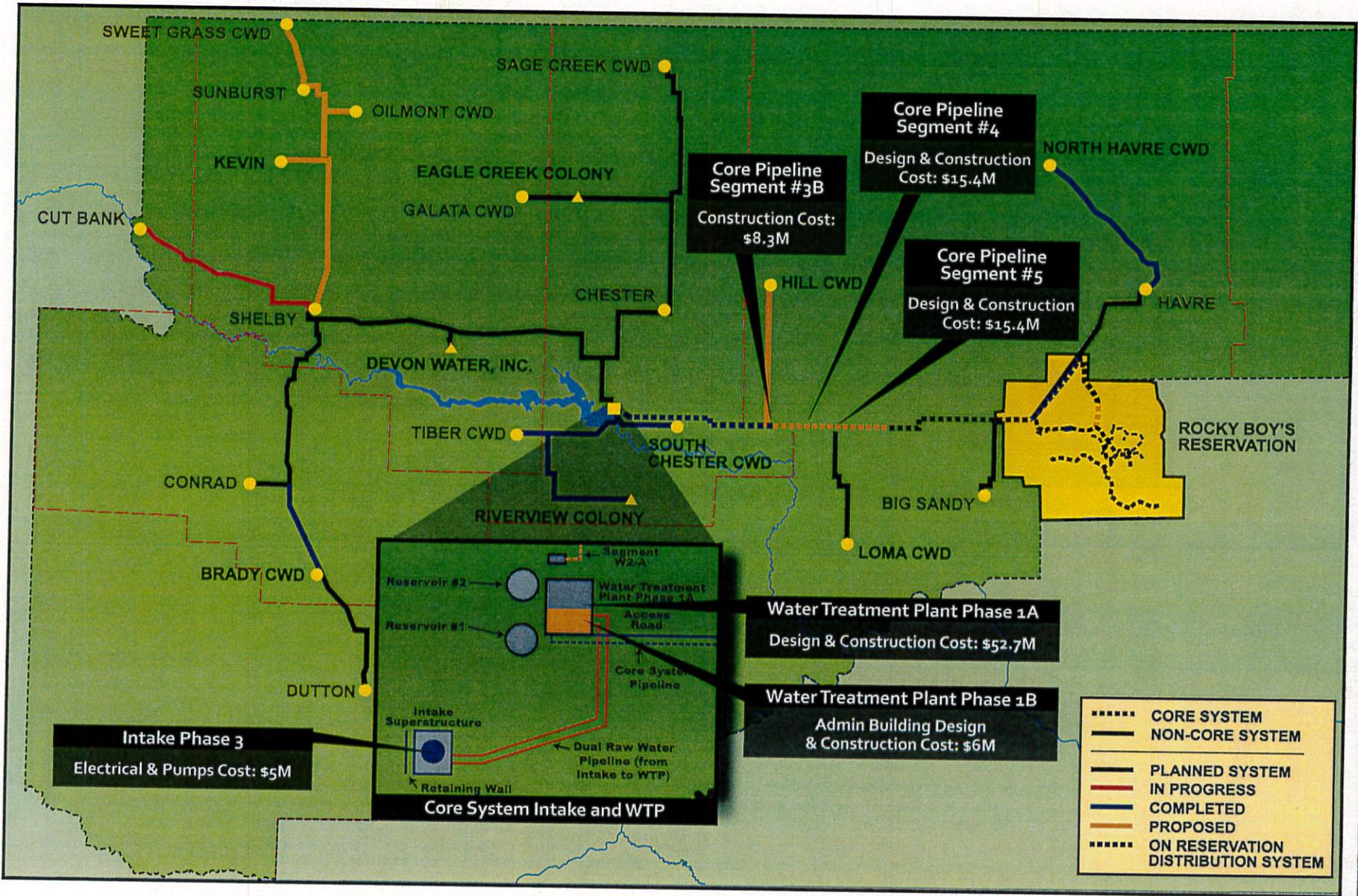


Rocky Boy's Water Treatment Plant Full Build Out Preliminary Rendering

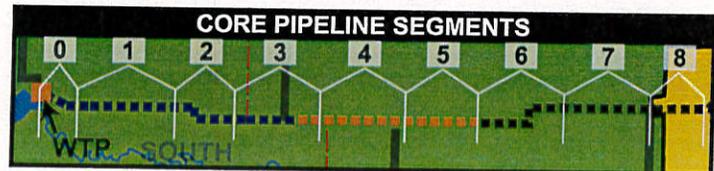


Core Pipeline Construction

Future Work Map - FY18 Work Plan



5



March 2017

ROCKY BOY'S / NORTH CENTRAL MONTANA

REGIONAL WATER SYSTEM PROJECT

Bringing Safe, Sustainable Water to more than 30,000 Montana Residents

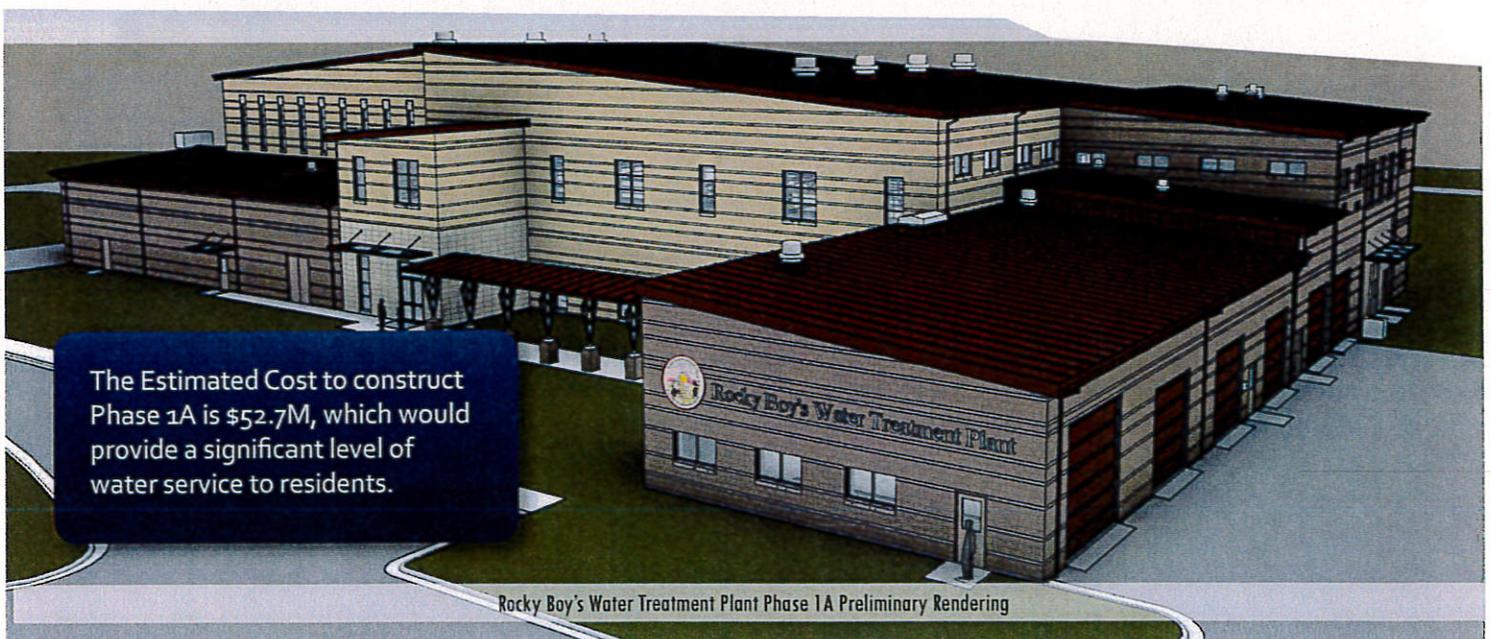
One of the Oldest Tribal/ Federal Water Rights Settlements Without a Water Treatment Plant

The Rocky Boy's WTP will be a key component to providing water to the Rocky Boy's Reservation and the twenty-two (22) participating water system in North Central Montana. The WTP will be designed to treat 34.5 million gallons per day (MGD) of raw water via a full conventional water treatment process. The proposed water treatment plant will be constructed on a relatively high bluff that overlooks Tiber Reservoir which allows for gravity flow of the finished water from the water treatment plant to the

Rocky Boy's Reservation approximately 54 miles to the east (via the Core Pipeline).

Ground Breaking will be held at the Rocky Boy's WTP site August 18th. \$52.7M is needed in 2017/2018 to finish the Water Treatment Plant Phase 1A.

Water Treatment Process



The Estimated Cost to construct Phase 1A is \$52.7M, which would provide a significant level of water service to residents.

Rocky Boy's Water Treatment Plant Phase 1A Preliminary Rendering

One of the Largest Regional Water Systems in the United States

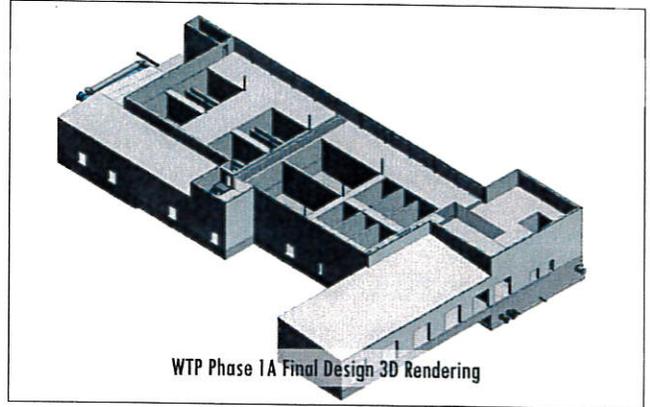


OWNER

Chippewa Cree Tribe
 PO Box 544
 Box Elder, MT 59521
 (P) 406-395-5705

OPERATOR

Tribal Water Resources
 Department (TWRD)
 16 Black Prairie St.
 Box Elder, MT 59521
 (P) 406-395-4225



CONTRACTOR

Chippewa Cree Construction
 Corporation
 PO Box 3008
 Box Elder, MT 59521
 (P) 406-352-8000

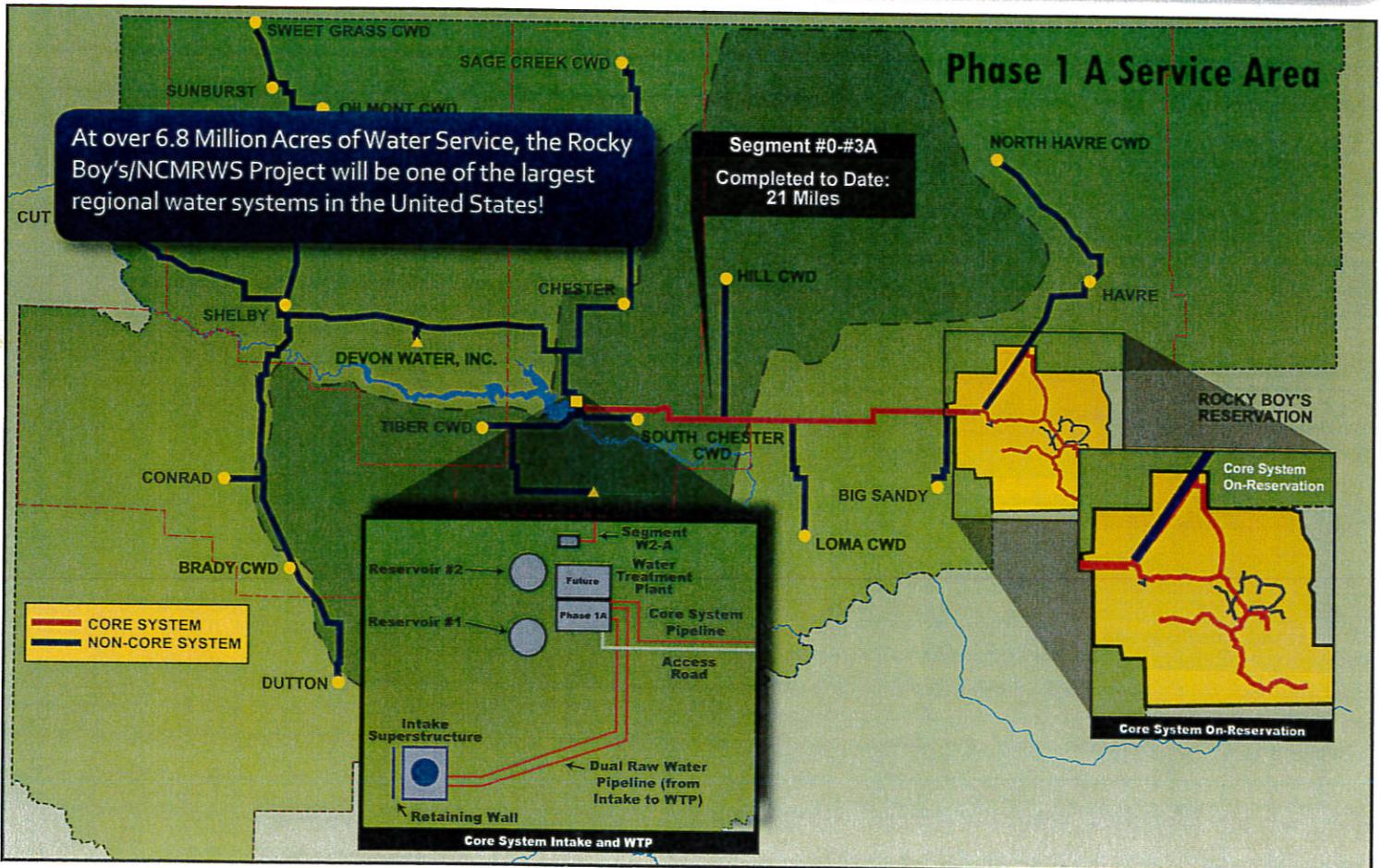


ENGINEER

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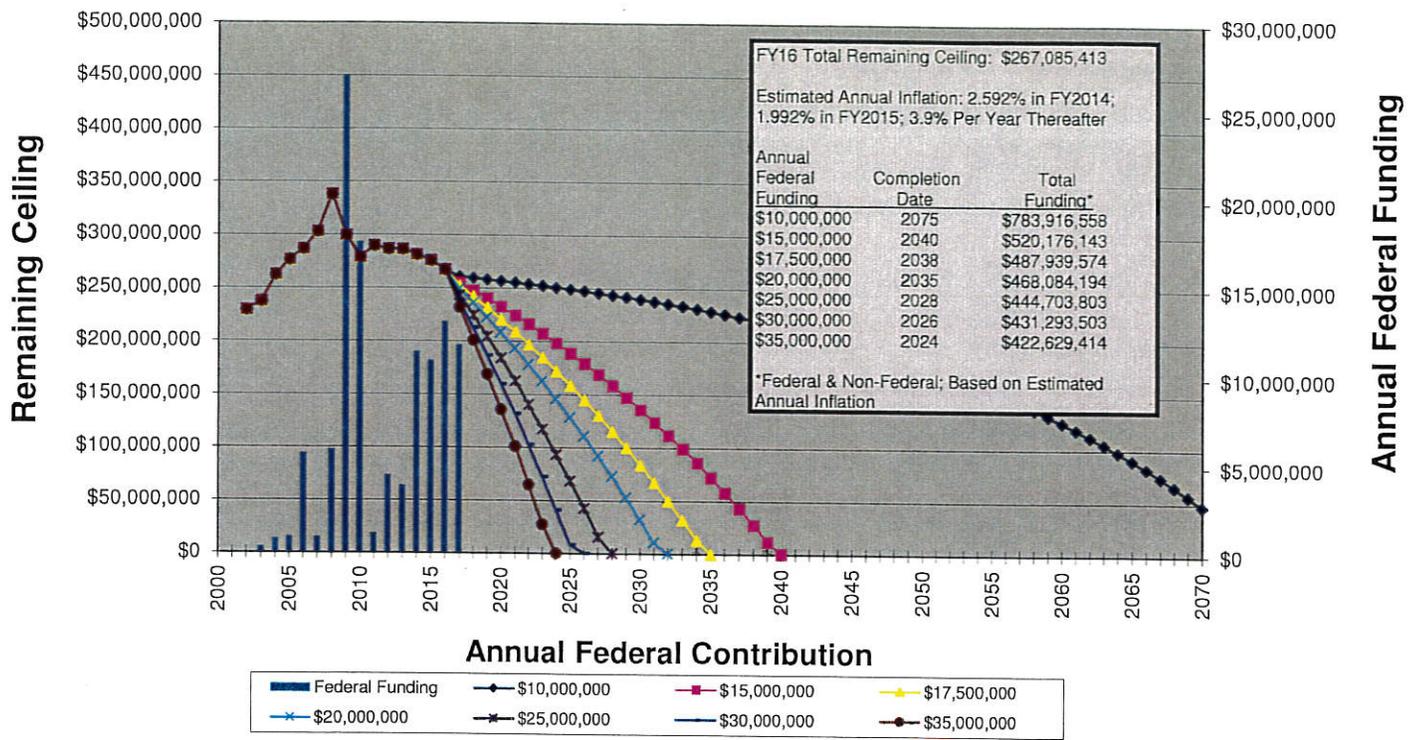
Preliminary Phasing Concepts:

Phase	WTP Capacity
1A	3.5 MGD
1	11 MGD
2	22 MGD
3	34.5 MGD



Project Funding and Completion Considerations

ROCKY BOY'S/NORTH CENTRAL MONTANA REGIONAL WATER SYSTEM EFFECTS OF INFLATION VS. ANNUAL FEDERAL FUNDING LEVELS - MAY 2016



HOW THE PROJECT INDEXING WORKS



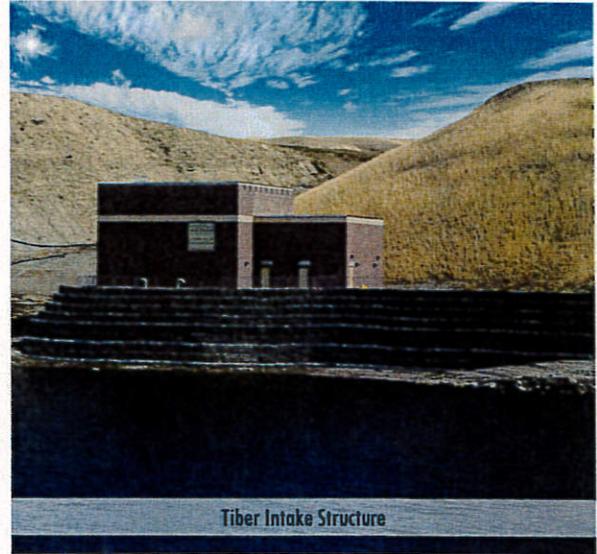
In 2007/2008 the Rocky Boy's/NCMRWS Project received about \$5.9 million in annual funding to complete projects. However, the BoR indexed the project ceiling by approximately \$40.8 million due to inflation. In these situations, meaningful Project progress is difficult to achieve with costs of indexing in excess of annual funding.

In contrast, for FY2014 the Rocky Boy's/NCMRWS Project received about \$11.4 million in annual Federal funding. Even with the BoR indexing of approximately \$5.6 million, the Core System achieved the completion of over 2 miles of Core Pipeline and the Preliminary Design of the Rocky Boy's Water Treatment Plant. This shows how the Core System is able to leverage increased funding levels to maximize the Project progress and economic development for area.

- The Rocky Boy's/North Central Montana Regional Water System (NCMRWS) Project was authorized by Congress in 2002, with Project Cost Ceiling of approximately \$208 Million, which was under the current total Project cost estimate at the time.
- On an annual basis, the Bureau of Reclamation indexes the authorized Project ceiling to recognize increases in commodity prices, construction costs, and inflation.
- The Bureau of Reclamation has estimated the Fiscal Year 2017 Total Project Ceiling to be \$376 Million (Core and Non-Core).
- The monetary scale of the Rocky Boy's/NCMRWS Project = Significant cost impacts due to indexing.
- Without Federal reauthorization, future funding from Core System projects will predominantly be secured through Federal sources.
- The delay of Federal funding significantly increases the total Project costs, which results in an increase in tax payer burden.

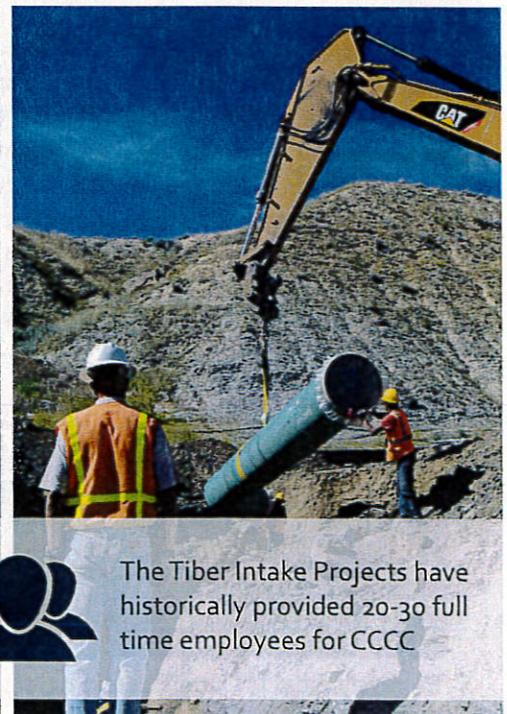
Tiber Raw Water Intake Structure

The Tiber Intake Structure is the component which will draw water from Tiber Reservoir via a 42-inch diameter pipeline with a tee barrel slotted screen intake to prevent fish and large debris from entering the intake pipeline. Raw water discharges from the 42-inch diameter intake pipe into an onshore 28-foot inside diameter concrete caisson wet well, which is approximately 70 feet deep to cover the potential minimum and maximum water levels of Tiber Reservoir. A pump station (intake superstructure) has been constructed over the caisson wet well that will house a total of six vertical turbine pumps and related appurtenances to provide a firm pumping capacity of up to 34.5 million gallons per day (MGD) raw water from the wet well to the water treatment plant located approximately one mile to the north of the pump station. The raw water pipelines from the pump station to the water treatment plant will consist of dual 30-inch diameter steel pipelines. A construction history of the Tiber Raw Water Intake Structure is shown below:



Tiber Intake Structure

Tiber Raw Water Intake Construction History - Chippewa Cree Construction Corporation



The Tiber Intake Projects have historically provided 20-30 full time employees for CCCC

Core System Pipeline

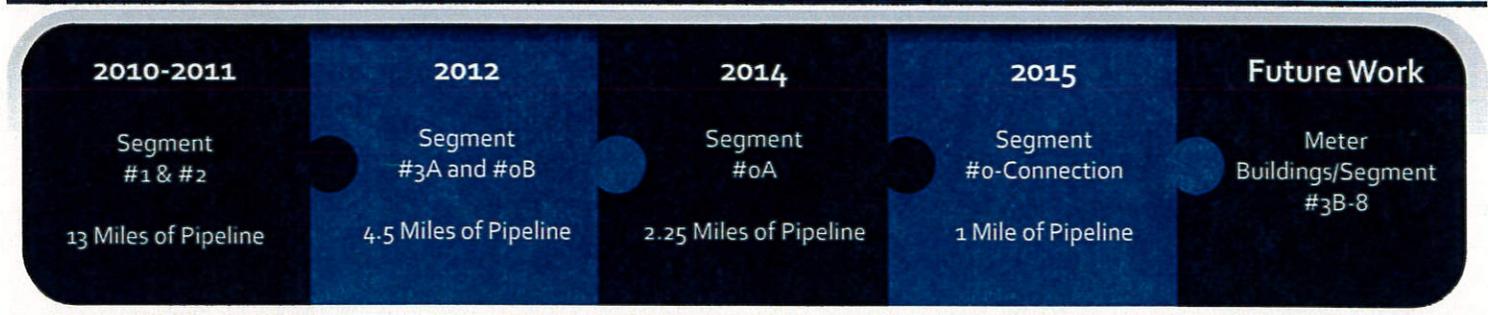


The Core Pipeline construction requires one of the largest excavators in Montana, and a 60-foot trench box for work safety. Each section of pipe weighs approximately 8,000 pounds.



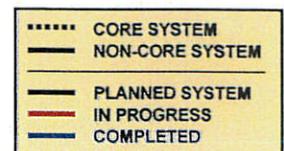
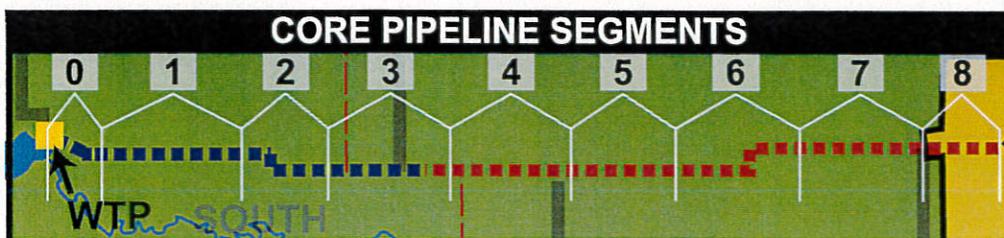
The Core Pipeline Project provides 15-20 full time employees for CCCC

Core Pipeline - Chippewa Cree Construction Corporation



The Core System Pipeline consists of approximately 54 miles of pipe, split into nine segments, extending from Tiber Dam to the Rocky Boy's Reservation near Box Elder, MT. The Core Pipeline is a 36-inch diameter steel pipe with an exterior coating of polyurethane and an interior cement mortar lining. To date, the Chippewa Cree Construction Corporation has constructed approximately 21 miles of Core Pipeline (Segment #0-3A). The anticipated 2015 completion of Segment #0 represents a milestone

achievement in terms of water service potential, since water could be conveyed via the Core Pipeline to Hill County Water District (CWD), Tiber CWD, Riverview Colony, and South Chester CWD service areas. Construction advocates continue to take great care to minimize disruption to land owners along the pipeline corridor which are critical to future easements. The entire 54 mile section has been environmentally cleared and easements are in progress.

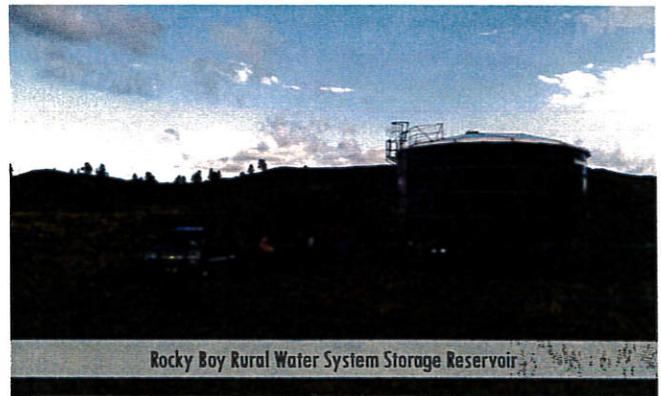
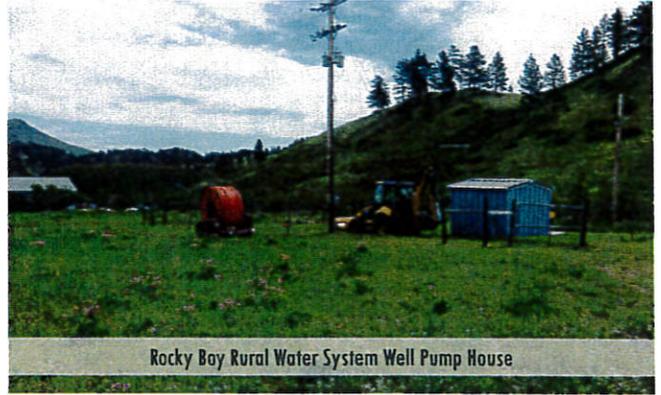


Environmental is Complete and Easements are 70% Complete

Water Shortage Facts

On-Reservation Water Needs:

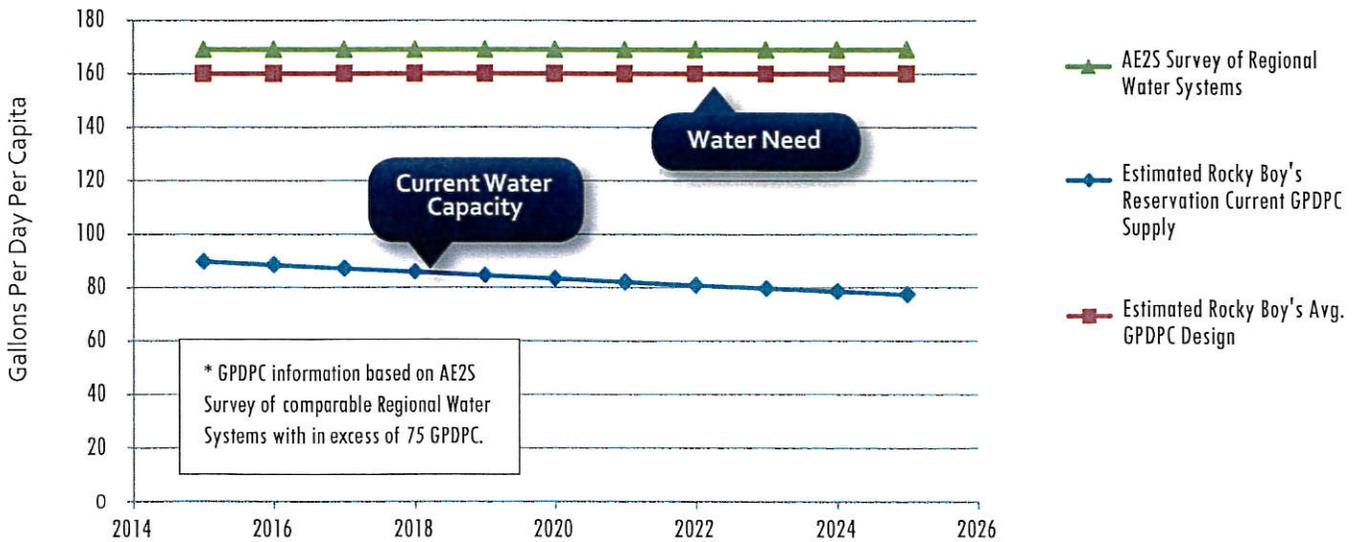
The Chippewa Cree Tribe, through the Tribal Water Resources Department (TWRD), owns and operates the Rocky Boy's Rural Water System (RWS). The Rocky Boy's RWS comprises a series of groundwater wells, transmission pipelines, pump stations, storage facilities, and user connections. The Rocky Boy's Reservation is located in an area with a finite groundwater resource, which is of insufficient quantity to meet the daily water needs of its users. Therefore, the Chippewa Cree Tribe and TWRD is forced to administer constant water restrictions for its residents. The Rocky Boy's/NCMRWS Project is designed to overcome the water shortages on-reservation, however the lack of significant stable funding from the Federal Government continues to create challenges for the Rocky Boy's RWS until completion of the Rocky Boy's/NCMRWS Project.



Rocky Boy's/NCMRWS Project Needed:

According to the latest US Census Bureau, the Rocky Boy's Reservation is the fastest growing reservation in Montana. Population increases combined with the same quantity of water available could result in increased water restrictions on Rocky Boy's Reservation. Compared to residents of comparable regional water systems, the residents of the Reservation are significantly impaired by the lack of access to a sufficient quantity of water supply.

Rocky Boy's Reservation Water Availability Comparison



The Rocky Boy's/NCMRWS Project is designed to meet long term water needs to the Reservation. Without this Project, water restrictions could increase, and residents could be limited to less than 50% of the water available to other residents across the United States.



This Core System Project Summary was prepared by the following Project Representatives:



OWNER

Chippewa Cree Tribe
PO Box 544
Box Elder, MT 59521
(P) 406-395-5705



OPERATOR

Tribal Water Resources
Department (TWRD)
16 Black Prairie St.
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CONTRACTOR

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(P) 406-352-8000



ENGINEER

Advanced Engineering and
Environmental Services, Inc. (AE2S)
300 15th St. S, Ste. 7
Great Falls, MT 59405
(P) 406-268-0626

2017-2018 Transportation Alternatives Program - Awarded Projects*



	Project Name	Project Sponsor	TA Funds	Traditional/Pavement Preservation	On-system/ off-system/ mixed	District	Pop. Over/under 5,000/Undefined
1	Bozeman Paths - Pavement Preservation	City of Bozeman	\$159,669	Pavement Preservation	Mixed	Butte	Over 5,000
2	North 7th Avenue Sidewalk Infill	City of Bozeman	\$172,094	Traditional	On-system	Butte	Over 5,000
3	City of Choteau Sidewalk Improvement Project	City of Choteau	\$191,568	Traditional	Off-system	Great Falls	Under 5,000
4	City of Columbus - Multi-Use Paths	City of Columbus	\$807,857	Traditional	On-system	Billings	Under 5,000
5	City of Deer Lodge Main Street Sidewalk and ADA Accessibility Upgrades	City of Deer Lodge	\$791,387	Traditional	On-system	Missoula	Under 5,000
6	City of Helena - Benton Avenue Path	City of Helena	\$988,173	Traditional	Off-system	Great Falls	Over 5,000
7	Bike/Ped Path Hwy 93 - Kidsports Connection Multi-Use Path - Kalispell	City of Kalispell	\$195,970	Traditional	On-system	Missoula	Over 5,000
8	O-Street-to-Bennett Connector Project - City of Livingston	City of Livingston	\$245,704	Traditional	Mixed	Butte	Over 5,000
9	Round Butte Road Pedestrian Path - City of Ronan	Confederated Salish & Kootenai Tribes	\$788,946	Traditional	On-system	Missoula	Under 5,000
10	East Helena School District Transportation Alternatives	East Helena Public Schools	\$338,261	Traditional	Off-system	Great Falls	Over 5,000
11	Cut Bank Trails Project - Sports Complex Segment Section 1	Glacier County	\$536,934	Traditional	Off-system	Great Falls	Under 5,000
12	Hellgate Pedestrian Corridor Safety Improvements*	Missoula County Public Schools	\$378,863	Traditional	Mixed	Missoula	Over 5,000
13	Cascade Sidewalk Improvements Phase 2	Town of Cascade	\$298,752	Traditional	Off-system	Great Falls	Under 5,000
14	Town of Fairfield Sidewalk Improvement Project	Town of Fairfield	\$269,117	Traditional	Mixed	Great Falls	Under 5,000
15	Town of Twin Bridges Sidewalk Improvement Project	Town of Twin Bridges	\$288,188	Traditional	Off-system	Butte	Under 5,000

Total TA Funding = \$6,451,483

*Project award is pending approval by the Missoula Metropolitan Planning Organization and the Montana Transportation Commission.