



FREMONT MADISON IRRIGATION DISTRICT

AGING INFRASTRUCTURE PRESENTATION



FREMONT-MADISON IRRIGATION DISTRICT INFRASTRUCTURE

Fremont-Madison's own
Infrastructure (Island Park
Dam, Grassy Lake Dam,
Crosscut Canal and
associated Structures)

Canal Companies within
Fremont-Madison

40+ Canal Companies
(Independent Companies)

- 100's of miles of earthen canals
- 1000's of water control structures



ISLAND PARK OUTLET
TUNNEL
ESTIMATED COST
\$10,000,000

Island Park Outlet Tunnel 600ft





GRASSY LAKE PIPE LEAK

ESTIMATED COST \$750,000



CASCADE CREEK DIVERSION DAM





Google Earth

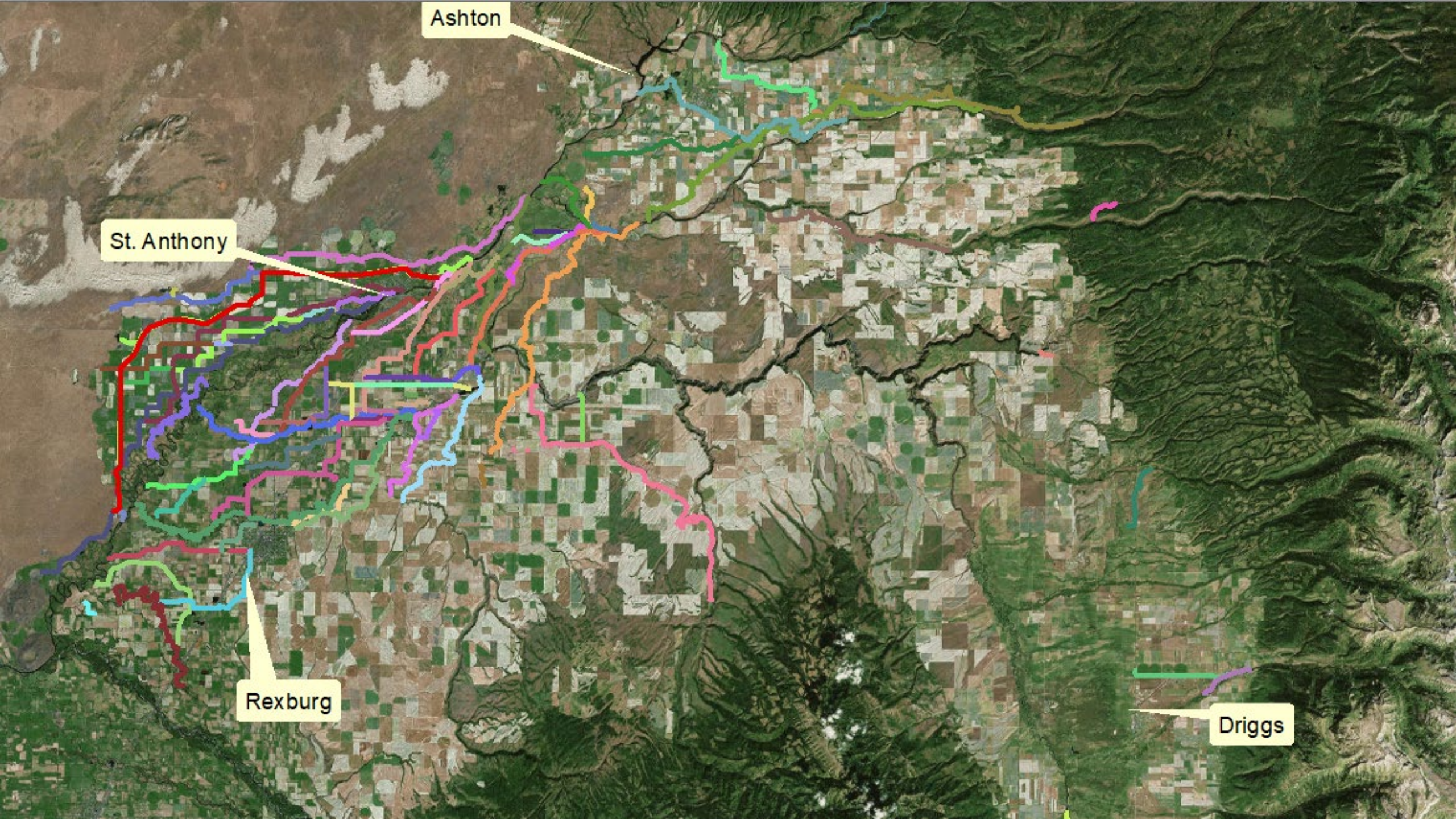


CASCADE CREEK
HEADGATE
STRUCTURE

CROSSCUT CANAL DIVERSION STRUCTURE

- Estimated Cost- \$200,000





Ashton

St. Anthony

Rexburg

Driggs



CANAL EXAMPLES-
CHESTER CANAL ON
FALL RIVER

ESTIMATED COST
\$140,000

CANAL EXAMPLES- ISLAND WARD CANAL ON THE TETON RIVER

- Estimated Cost \$120,000



CANAL EXAMPLES EGIN CANAL ON HENRYS FORK

- Estimated Cost \$200,000



CANAL EXAMPLES- FARMERS FRIEND CANAL ON THE HENRYS FORK

- Estimated Cost \$200,000



CANAL EXAMPLES- REXBURG IRRIGATION ON THE TETON RIVER

- Estimated Cost-\$200,000



TETON ISLAND FEEDER CANAL DIVERSION DAM



REXBURG IRRIGATION DIVERSION DAM



TETON RIVER SPLITTER

- Estimated Cost 1,000,000



EAST TETON CANAL-TETON RIVER SIPHON (3-5 MILLION)





900 ft

ENTERPRISE CANAL-TETON RIVER SIPHON

- Estimated Cost 5-7 million





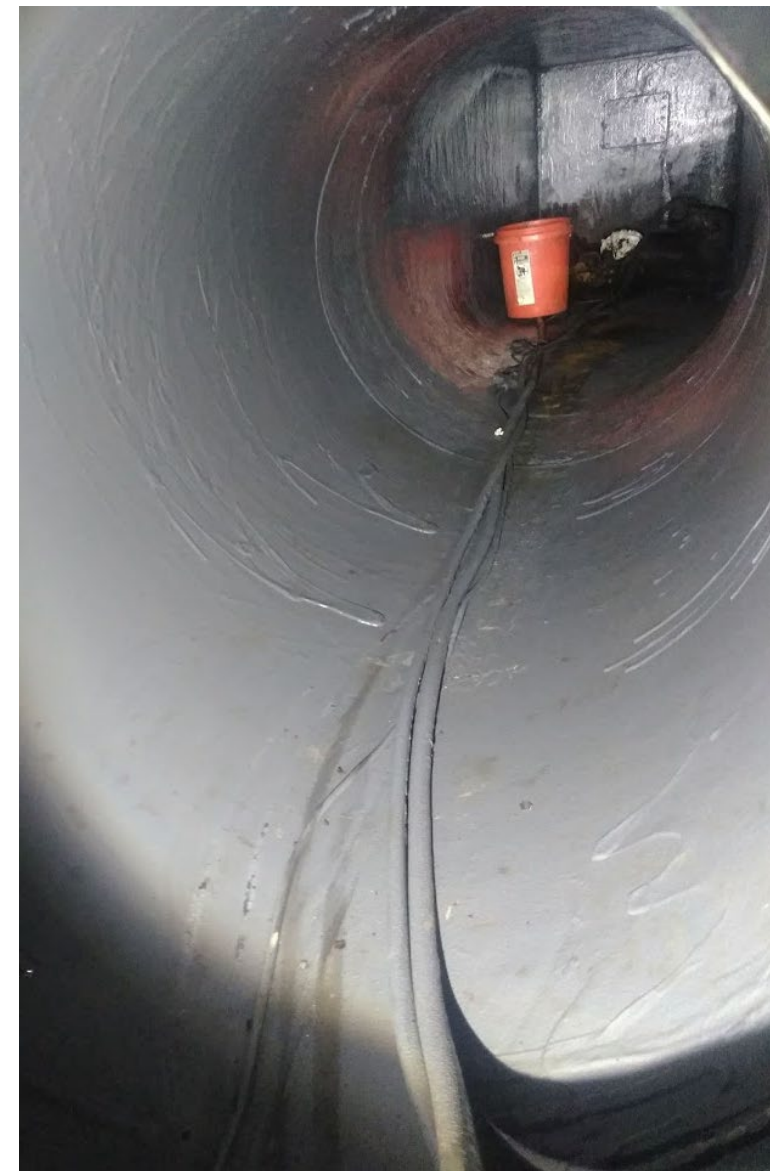
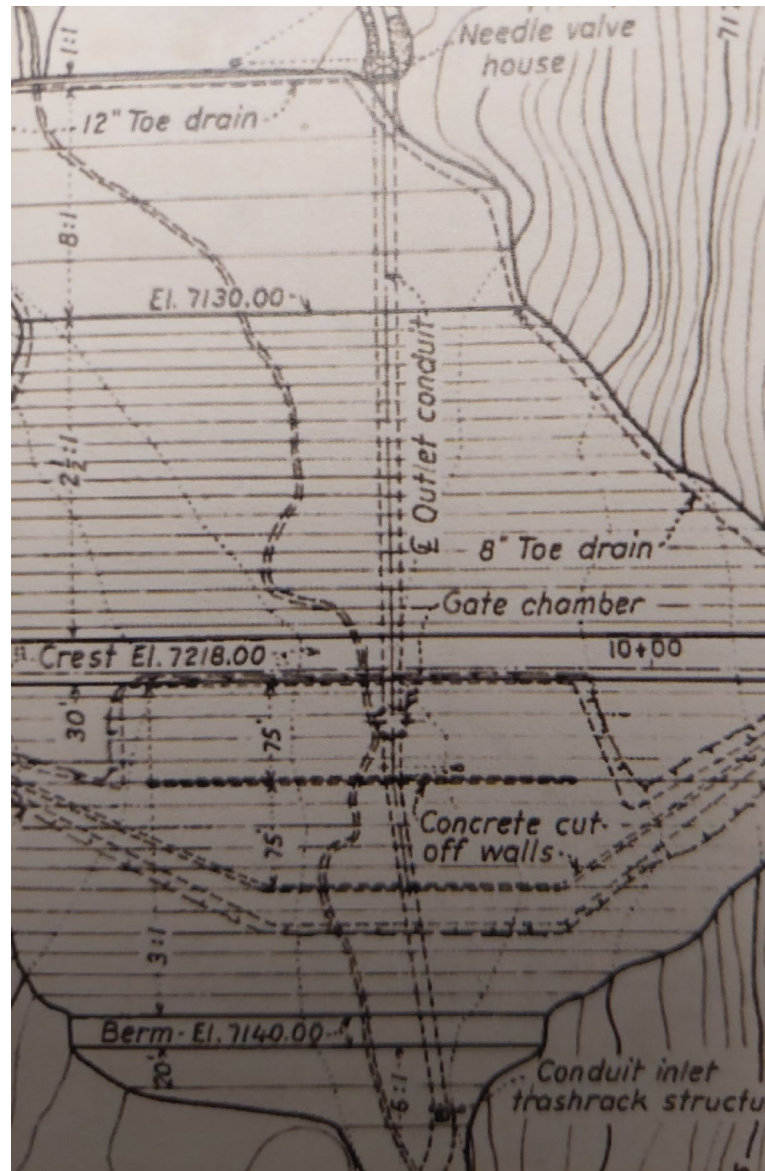
2,000 ft



Why Don't those Irrigators Ever Fix
Anything?????????????



GRASSY LAKE SPILLWAY REPLACEMENT



FARMERS FRIEND CANAL



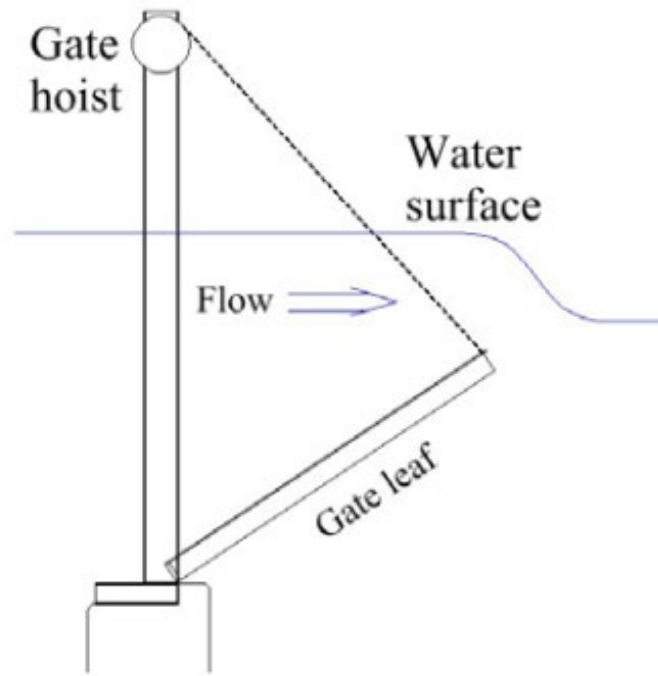


FALL RIVER CANAL

TETON ISLAND FEEDER HEADGATE STRUCTURE







MODERNIZING

CANAL HEADGATE AUTOMATION

- By the end of 2022, 17 Automated Headgates



RECENT WATERSMART GRANTS

Grant	Year	Federal Cost-Share
Flow Meters	2018	\$300,000
Automation (Teton Splitter, Crosscut, Henry's Lake)	2019	\$41,674
Automation/Measurement Egin Bench Canals	2019	\$66,967
Southeast Idaho, Consolidated, Salem Union, Teton Island Feeder	2021	\$75,000
Chester Canal Headgate/Automation	2021	\$64,619
Totals		\$548,260



QUESTIONS??????????