



Gold Hill Segment

Bellvue 60" Transmission Pipeline Update

July 2023

Bellvue 60" Transmission Pipeline

Bellvue Treatment Plant

Northern Segment
2014-2017

Ft Collins
Segment 2010

Mulberry
Segment 2008

Farmers
Segment 2006

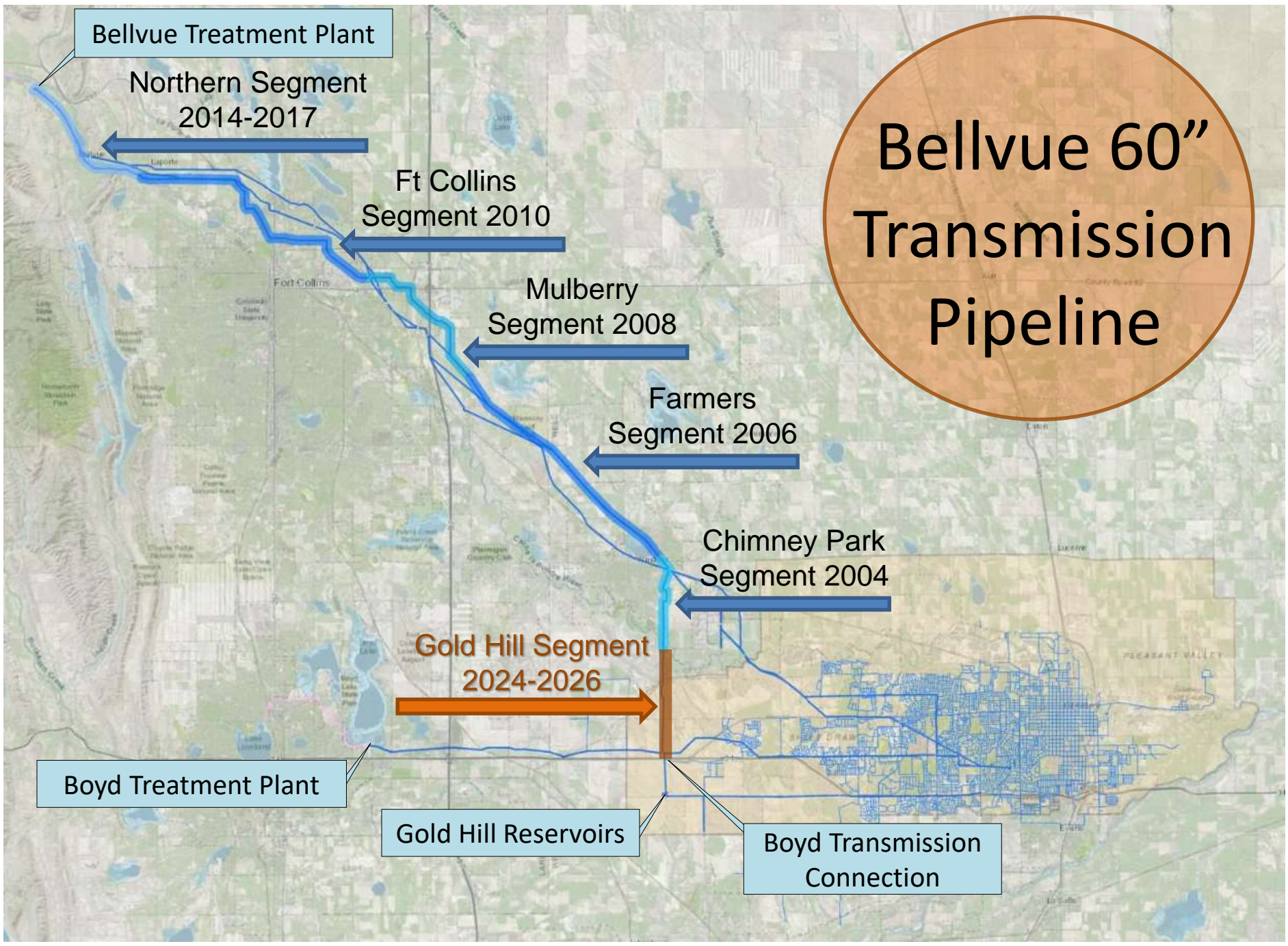
Chimney Park
Segment 2004

Gold Hill Segment
2024-2026

Boyd Treatment Plant

Gold Hill Reservoirs

Boyd Transmission
Connection



Gold Hill Segment

Provides 50 MGD capacity from either WTP to any pressure zone

Flexibility for Boyd WTP (38 MGD) and Bellvue WTP (35 MGD) throughout the City

Allows the City to decrease pumping from the Boyd WTP shoulder season and summer operations

Bellvue WTP has better Water Quality & reduced costs



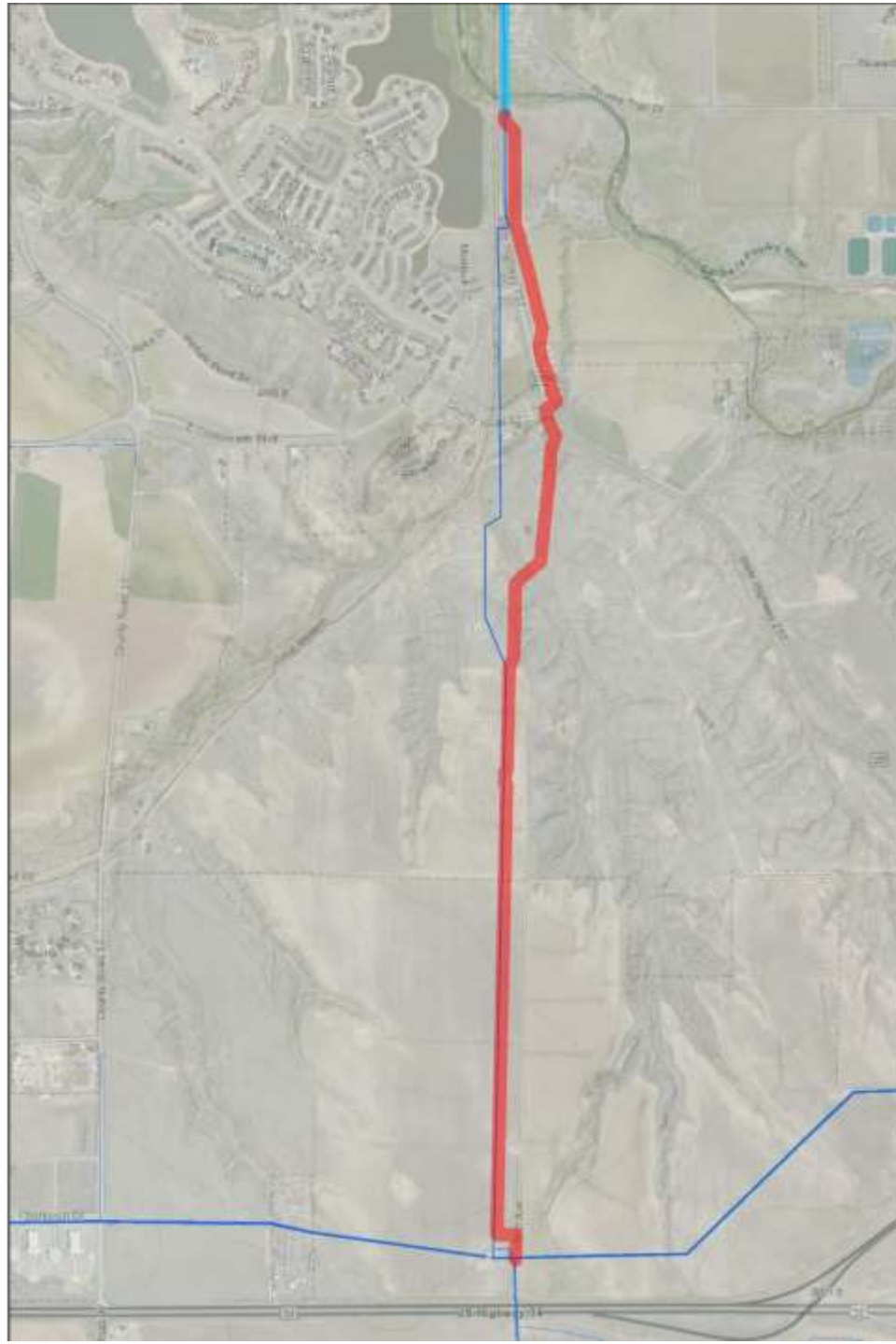
Previous Update - 2019

25 of 28 miles of 60" pipeline completed and in-service
(through about 3 miles of 20" pipe)

Final Route Established

- Extensive topographic surveying
- Discussions with property owners
- Identification of utility conflicts
- Determination of actual property boundaries
- Anticipates SH 257 future widening

Anticipated for construction in 2020, delayed due to COVID budget cuts





Bellvue 60" Transmission Pipeline Gold Hill Segment Update

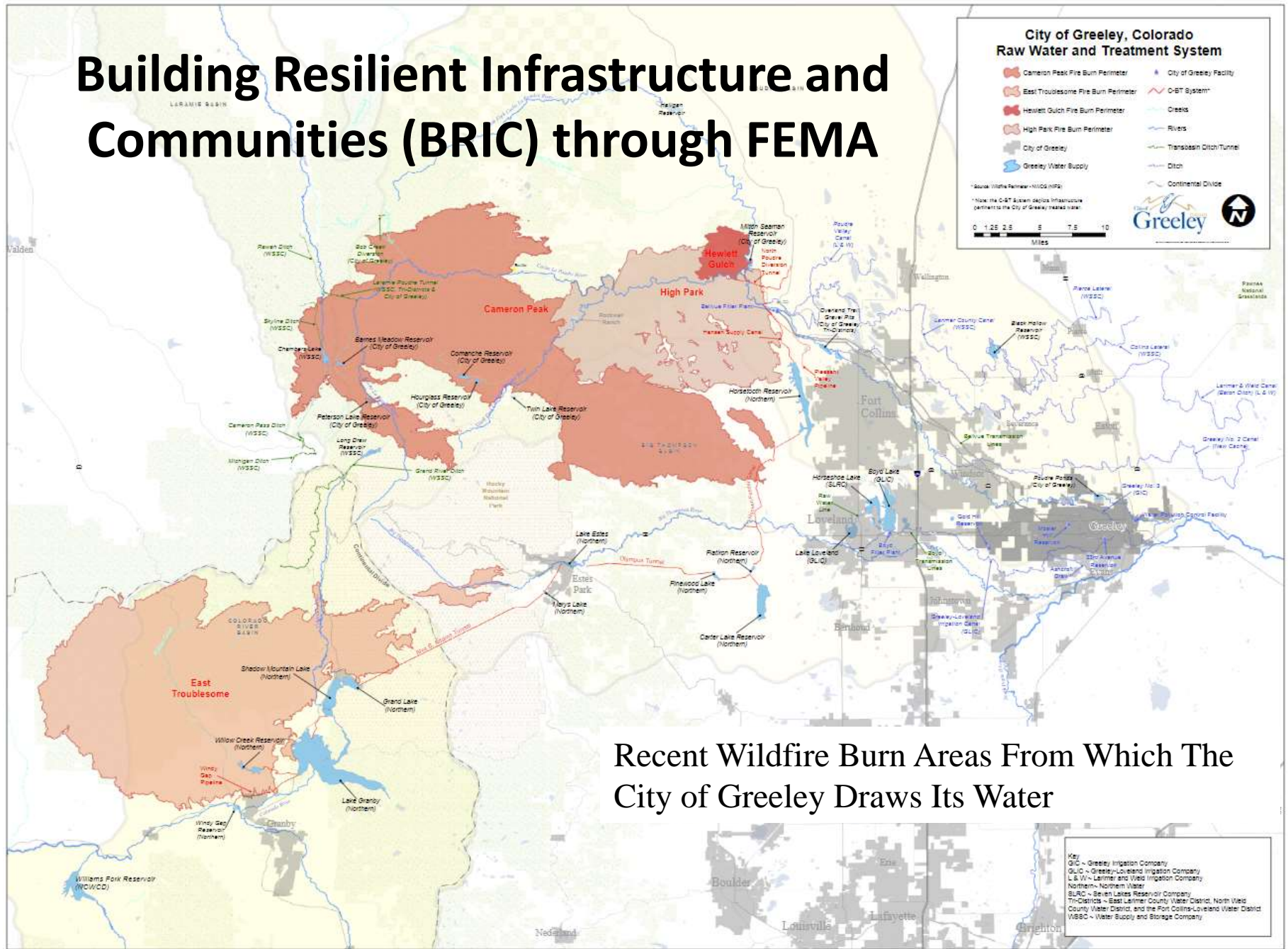
- \$22 million budgeted for Gold Hill Segment in 2024-2026 to construct from south of the Cache La Poudre River to the connection of the Boyd Lines adjacent to the Zone 4 Pump Station
- 2.8 Miles of 60" pipeline



Update and Current Effort

- All easements are secured with their respective owners
- Applied for BRIC to expedite construction
- Coordinating with CDOT for HWY 257 open cut casing installation
- Finalize Construction Documents

Building Resilient Infrastructure and Communities (BRIC) through FEMA



Recent Wildfire Burn Areas From Which The City of Greeley Draws Its Water

Building Resilient Infrastructure and Communities (BRIC)



RESILIENCY: THE PROJECT WILL IMPROVE GREELEY'S ABILITY TO DELIVER WATER DURING IMPACTS AND OUTAGES AT THE WATER TREATMENT FACILITIES



REDUNDANCY: THE PROJECT WILL ALLOW GREELEY TO UTILIZE EXISTING REDUNDANT SUPPLY, TREATMENT, TRANSMISSION, AND DISTRIBUTION INFRASTRUCTURE AND CAPACITY.



REGIONAL: THE PROJECT SERVES GREELEY, EVANS, MILLIKEN, AND PORTIONS OF WINDSOR AS WELL AS PROVIDING EMERGENCY WATER DELIVERY CONNECTIONS WITH OTHER WATER SYSTEMS.

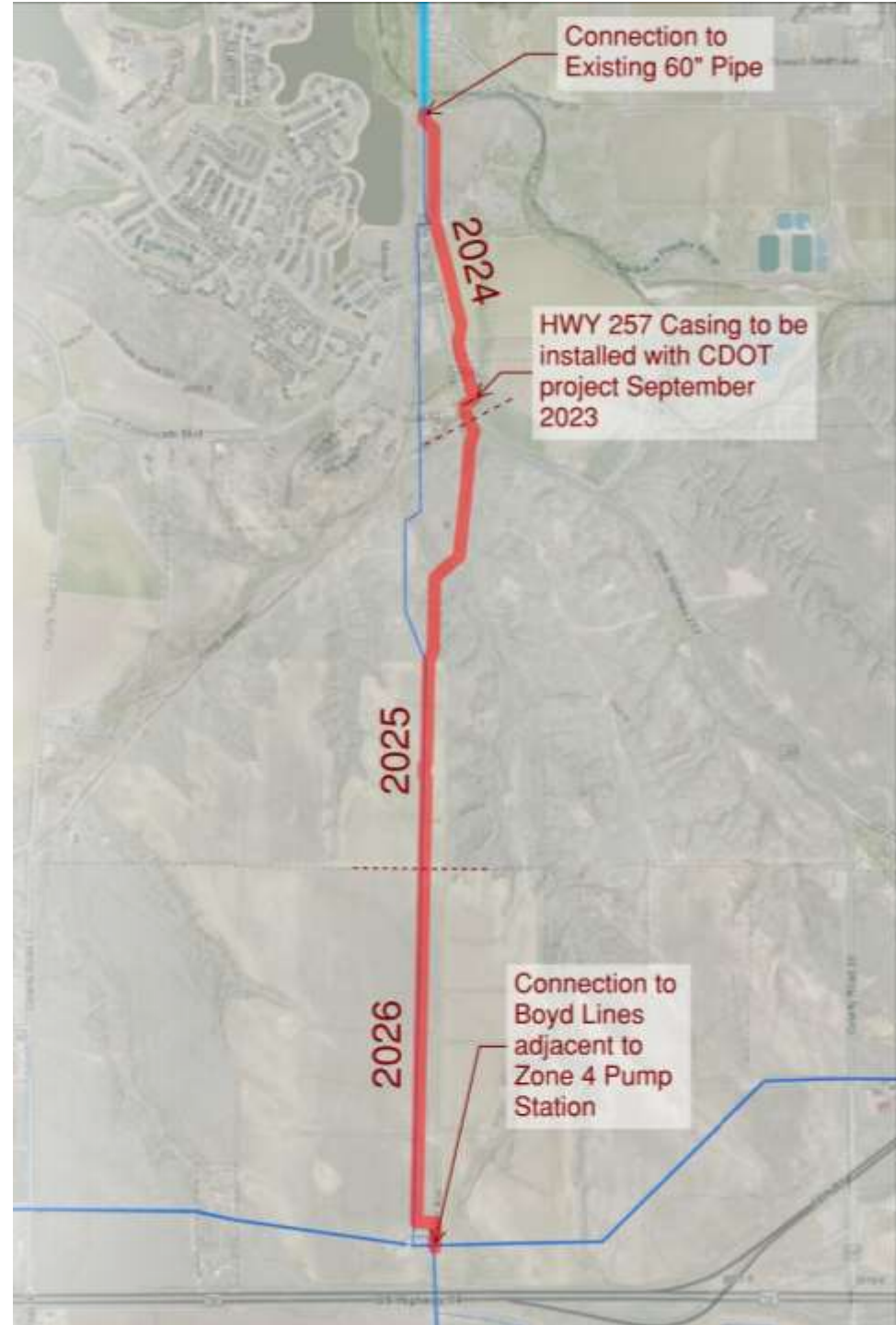


RELIABILITY: GRAVITY FLOW REDUCES PUMPING WHICH WILL REDUCE COSTS AND REDUCE THE LIKELIHOOD OF FAILURE



Project Schedule

- Finalize Construction Drawings (90%): June - October 2023
- Approval from Windsor: August-December 2023
- BRIC Announcement: August 2023
- Install Casing across HWY 257 in Conjunction with CDOT Project: planned September 2023, if feasible
- Bid project: November - December 2023
- Construction: 2024-2026 (with BRIC schedule will be accelerated to finish in 2025)





Budget

- 2023 - \$ 160,000
 - 2024 - \$ 5,488,000
 - 2025 - \$ 8,232,000
 - 2026 - \$ 8,305,000
- BRIC Grant Funding

Questions?

