



Board of County Commissioners  
Eva J. Henry - District #1  
Charles "Chaz" Tedesco - District #2  
Emma Pinter - District #3  
Steve O'Dorisio - District #4  
Lynn Baca - District #5

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**STUDY SESSION AGENDA**  
**Tuesday**  
**November 01, 2022**

*ALL TIMES LISTED ON THIS AGENDA ARE SUBJECT TO CHANGE*

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**STUDY SESSION ITEMS**

<b>10:30 a.m.</b>	<b>ATTENDEE(S):</b>	<b>Noel Bernal</b>
	<b>ITEM:</b>	<b>Administrative Item Review / Commissioners Communication</b>
<b>11:00 a.m.</b>	<b>ATTENDEE(S):</b>	<b>Kevin Woods, City Manager, City of Thornton / Brett Henry, Executive Director of Infrastructure, City of Thornton / Jason Pierce, Thornton Water Project Director, City of Thornton / Emily Hunt, Deputy Director of Infrastructure, City of Thornton</b>
	<b>ITEM:</b>	<b>Thornton Water Project Update</b>

**(AND SUCH OTHER MATTERS OF PUBLIC BUSINESS WHICH MAY ARISE)**

**\*\*\*AGENDA IS SUBJECT TO CHANGE\*\*\***

# Thornton Water Project Overview

Adams County Board of County Commissioners

Jason Pierce, P.E. - Thornton Water Project Director

November 1, 2022

# Agenda

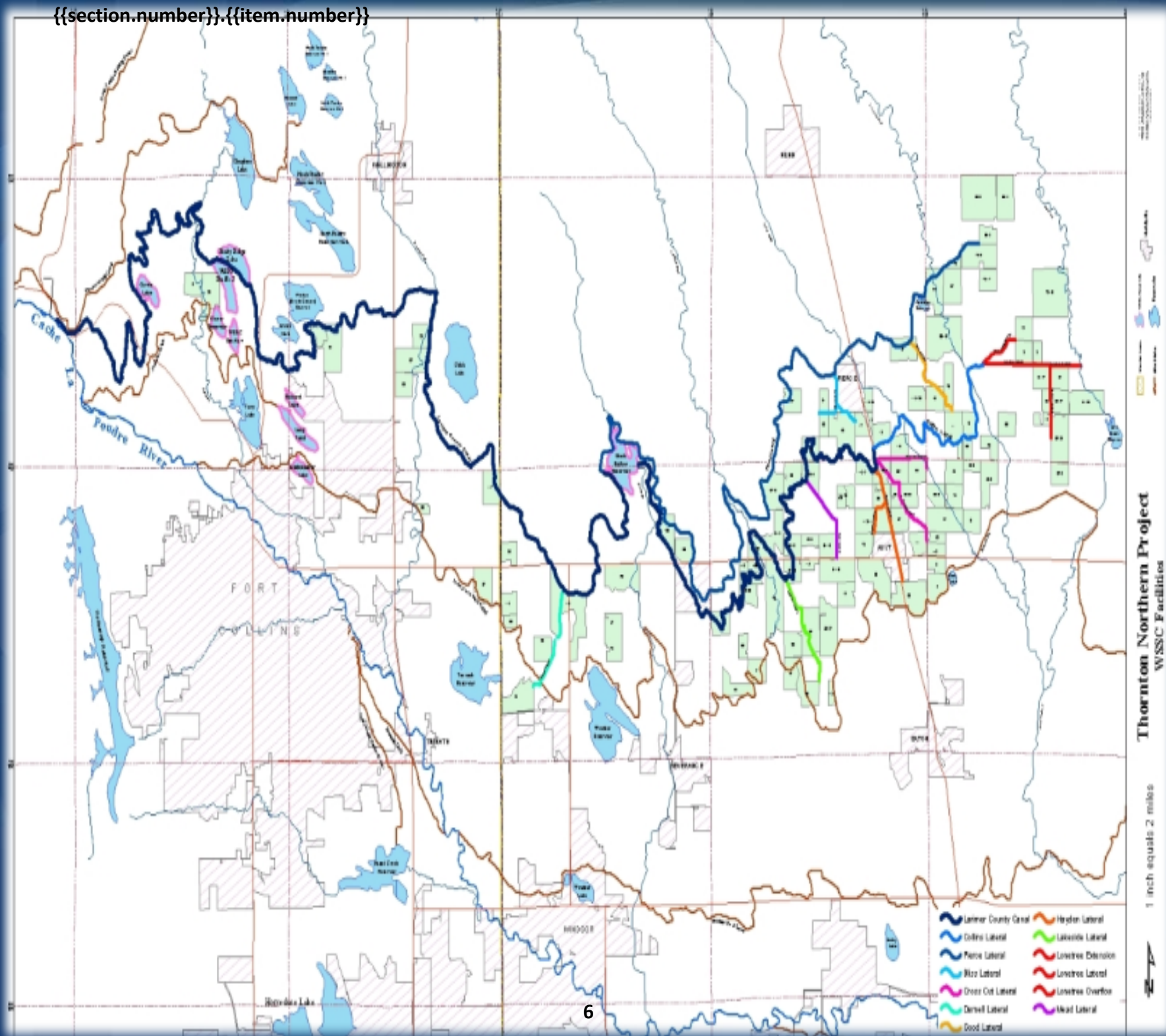
- Introductions
- Project History
- Project Implementation
- Project Timeline
- Virtual Pipeline Tour

# Project History

- 1956 - Thornton Incorporated
- 1963 - Acquired Northwest Utilities including Clear Creek and South Platte Well Field well supplies
- 1970s - 1980s - Thornton develops additional Clear Creek & South Platte Supplies
- 1982 - Thornton invests in the Two Forks Reservoir Project; 13,000 acre-feet of supply for Thornton

# Project History

- Mid 1980s - Two Forks begins to falter
- Ongoing water quality challenges with South Platte supply
- 1985 - Thornton divests its interest in Two Forks & looks for alternative higher quality supply
- 1986-1987 - Water Supply and Storage Company System (WSSC) water shares acquisition
- To date, the WSSC system is still the best option to reliably meet the City's water quality and water quantity needs.





# Project History

## 1985 to 1987 Acquisition

- Acquired 110 farms, ~21,000 acres
- 284 shares of Water Supply and Storage Company (WSSC)
- Farmhouses, wells, and other assets

## 1985 to present Property Stewardship

- Continued irrigated agriculture
- Gradual conversion to self-sustaining and native grasses began in 2000s

## 1986 to 1998 Water Court

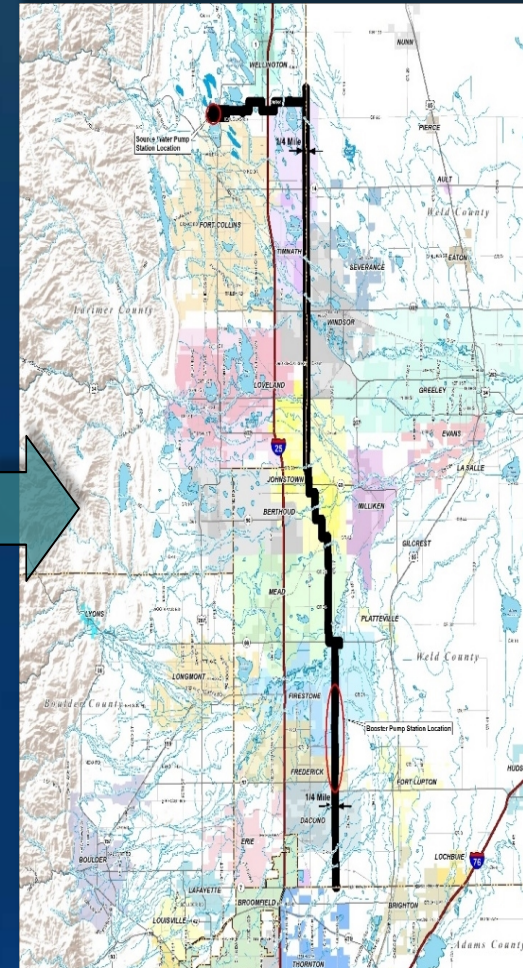
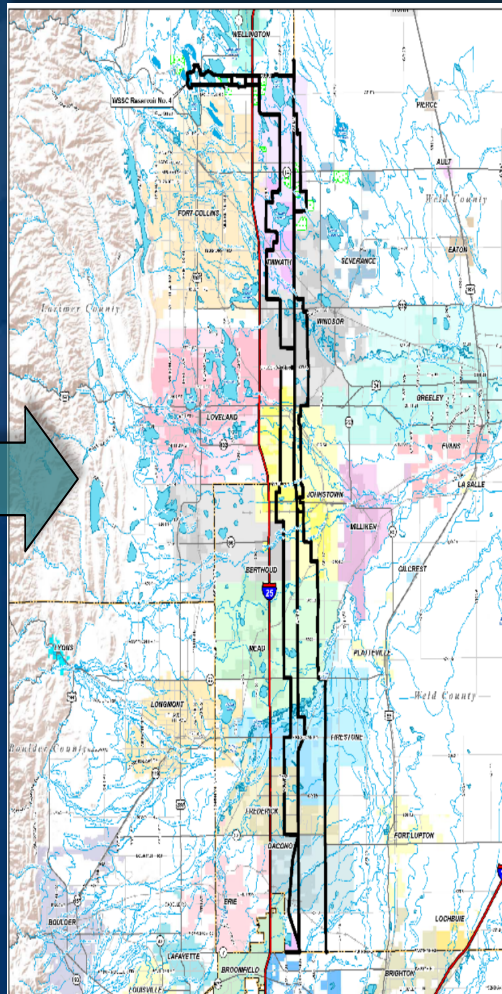
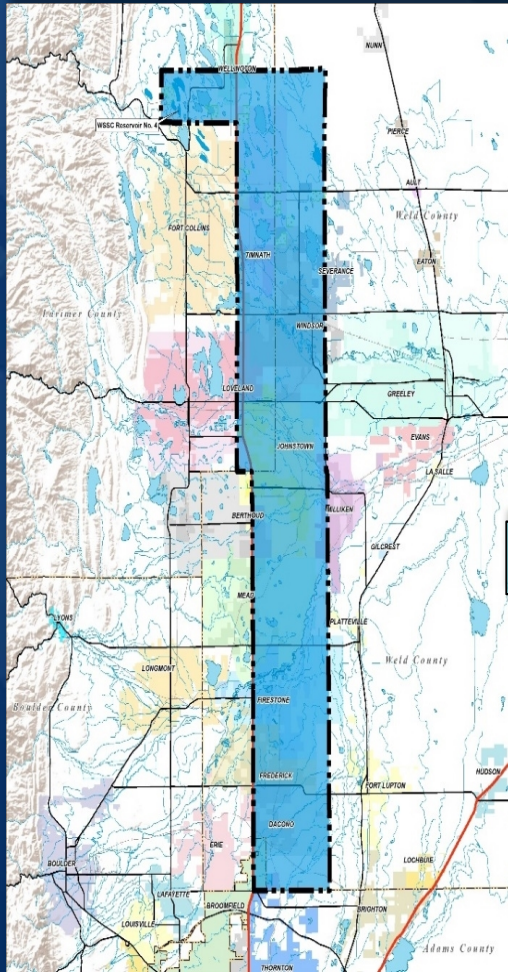
- Change WSSC shares from agricultural to municipal use
- Junior direct and exchange water rights

## 2014 to present Thornton Water Project

- 74-mile pipeline and conveyance infrastructure
- Phased water delivery beginning in 2027

# Project Implementation

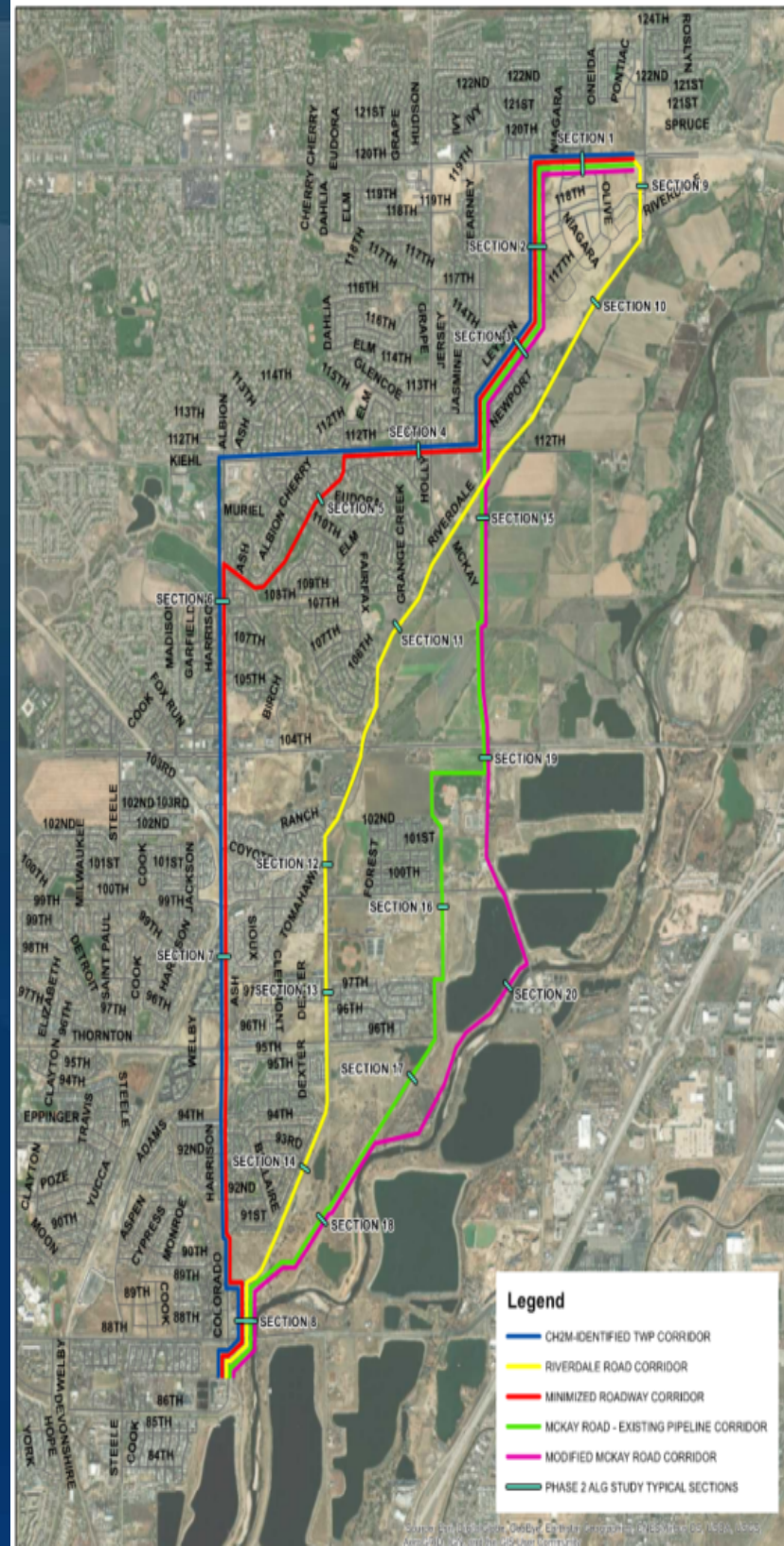
- Pipeline Corridor Development





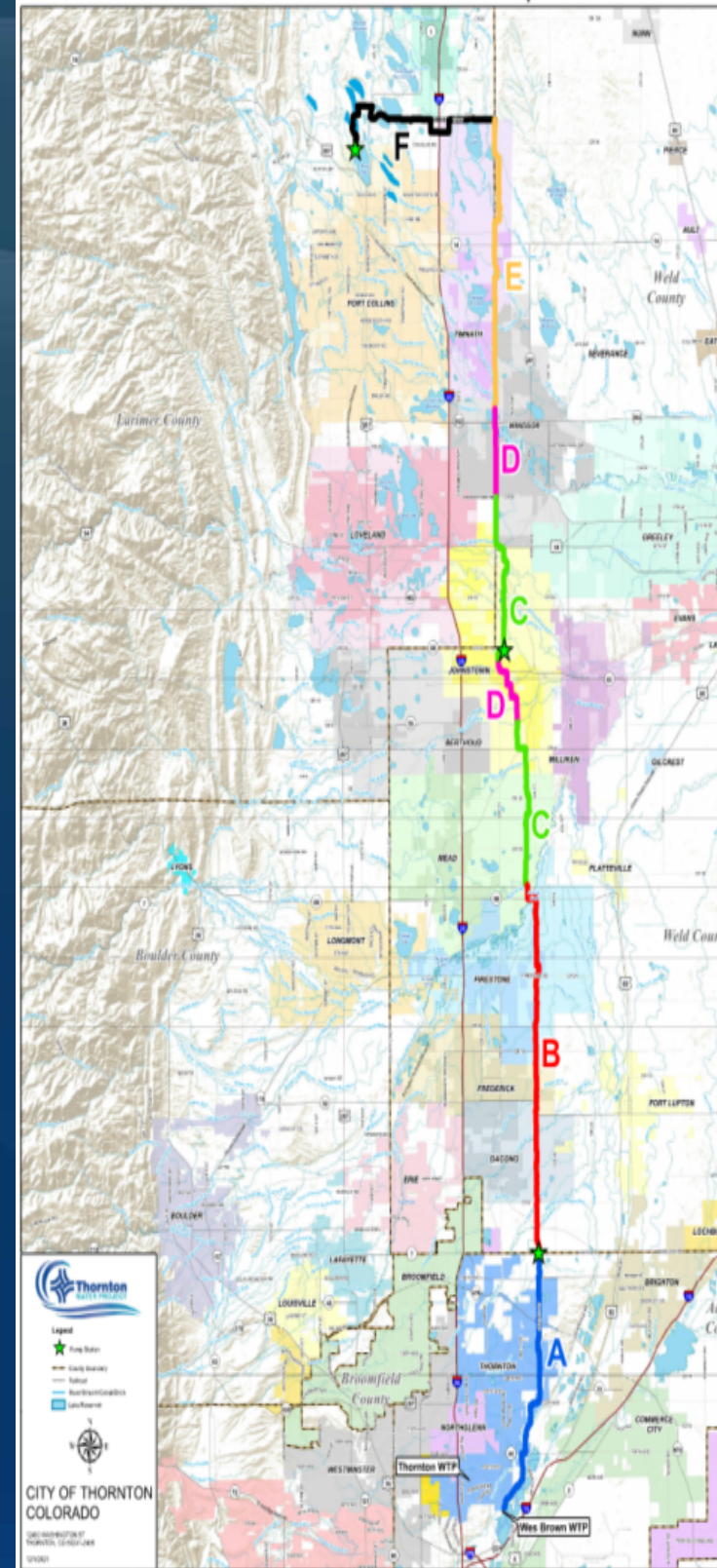
# Project Implementation

- Pipeline Corridor Development
  - Segment A alignment alternative evaluation
  - Non-economic criteria
  - Economic criteria



# Project Implementation

- Permitting
  - Larimer County, Firestone, Windsor still in progress
- Design
  - 55 miles of pipeline nearing design completion in Adams County and Weld County
- Construction
  - 7 miles of pipeline completed in Windsor and Johnstown



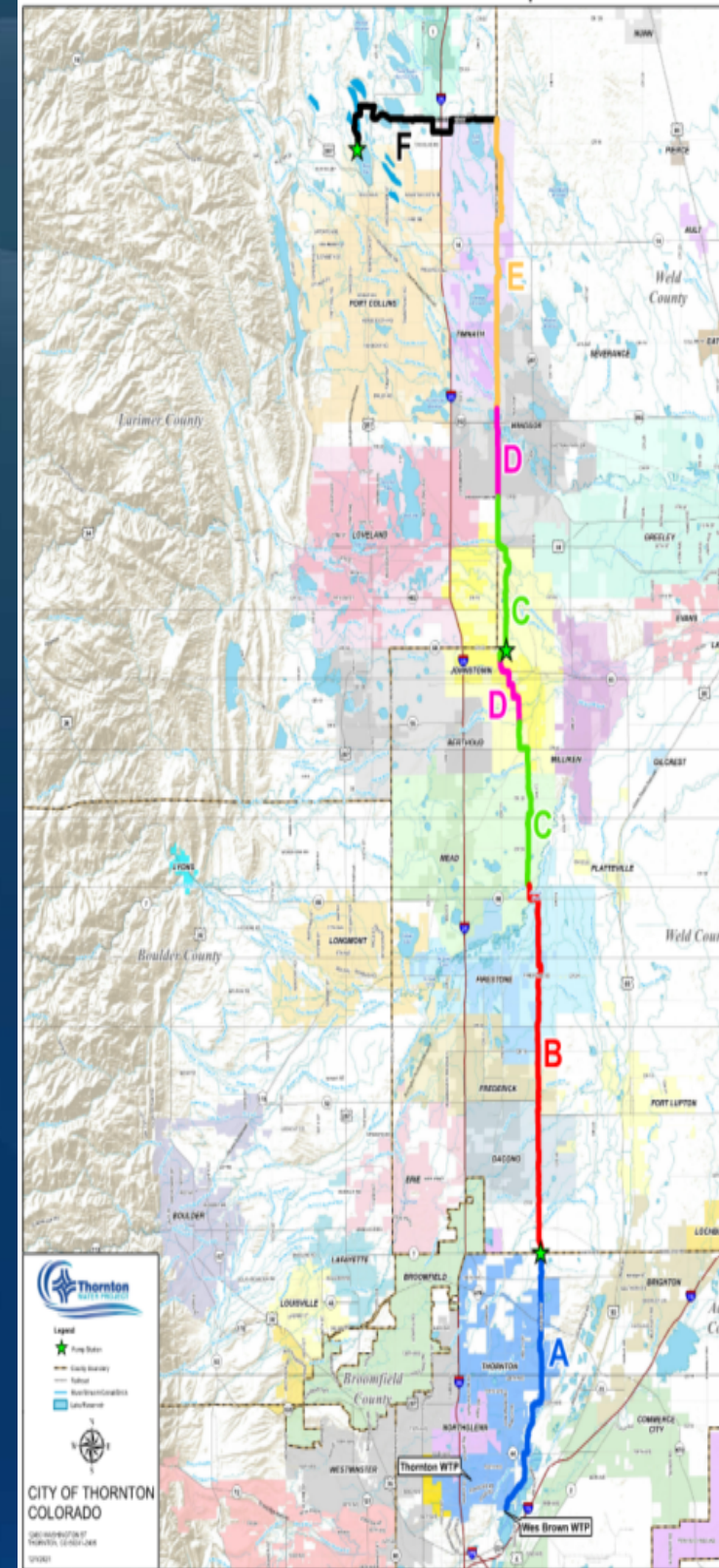


# Project Timeline

	2022	2023	2024	2025	2026	2027	Project Operational
Permitting and Land Acquisition							
Design							
Construction							
Restoration and Stewardship							

# Virtual Pipeline Tour

- Interactive Google Earth overview of pipeline alignment





# Thank You!

