

# ***WELCOME***

## **ONLINE PUBLIC MEETING**

### **Bangerter | 4700 South State Environmental Study (SES)**

The meeting will begin shortly after 6 p.m. to allow participants time to join the Zoom webinar. Please visit the study website at **[udot.utah.gov/bangerter4700south](https://udot.utah.gov/bangerter4700south)** to access supporting materials for today's presentation.

To submit questions, click the Q&A button on your screen. Our study team will be monitoring the questions and will answer as many as possible following the presentation.

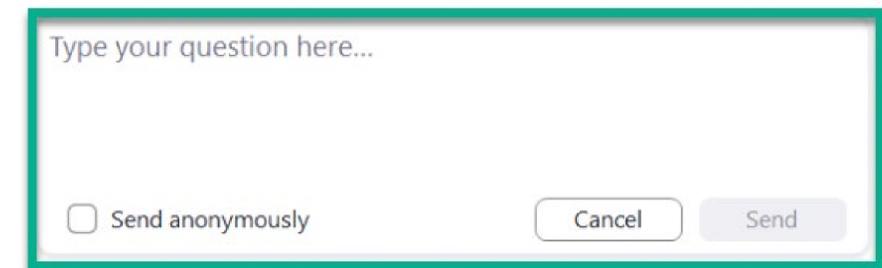
Please note, this event is being recorded and will be available for viewing at **[udot.utah.gov/bangerter4700south](https://udot.utah.gov/bangerter4700south)**

## 1. TO SUBMIT A QUESTION

Click on the Q&A button at the bottom of the screen

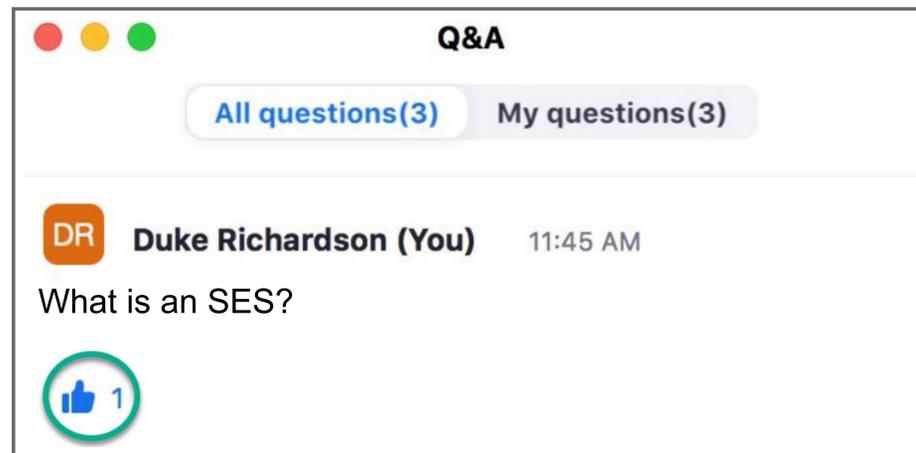


Type question in the Q&A Window



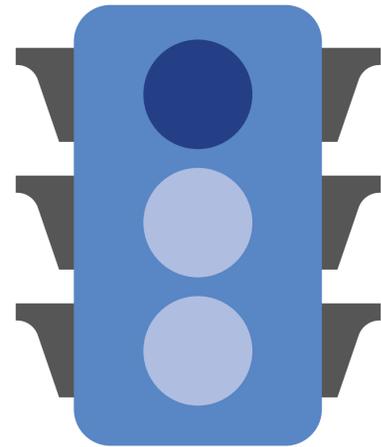
## 2. TO LIKE OR UPVOTE A QUESTION

Click on the “thumbs-up” button underneath questions



This helps us to know how many people have the same question





Convert all remaining at-grade intersections on Bangerter Highway to grade-separated interchanges, or other freeway-like solutions.



Enhance safety.



Improve travel times and increase mobility.

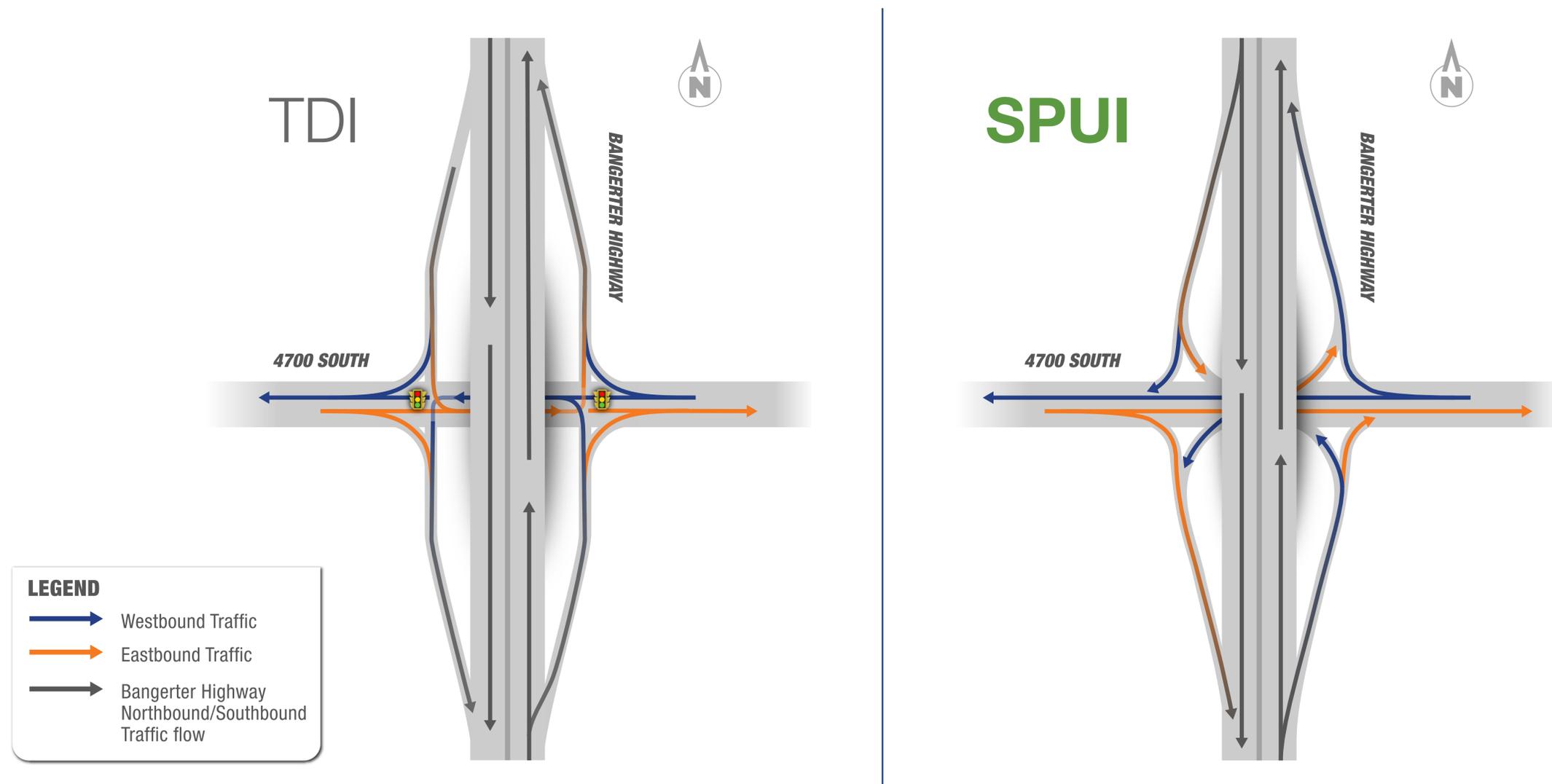
# STUDY UPDATE



*This schedule is process-driven and subject to change.*

## INTERCHANGE TYPES

- Tight Diamond Interchange (TDI)
- **Single Point Urban Interchange (SPUI)**



## HORIZONTAL ALIGNMENTS

- West Shift
- Hybrid
- **East Shift**



# ***VERTICAL ALIGNMENTS***

## ***Bangert Over***



~\$152 Million

## ***Bangert Under***



~\$169.5 Million



*Example: 7800 South in West Jordan*

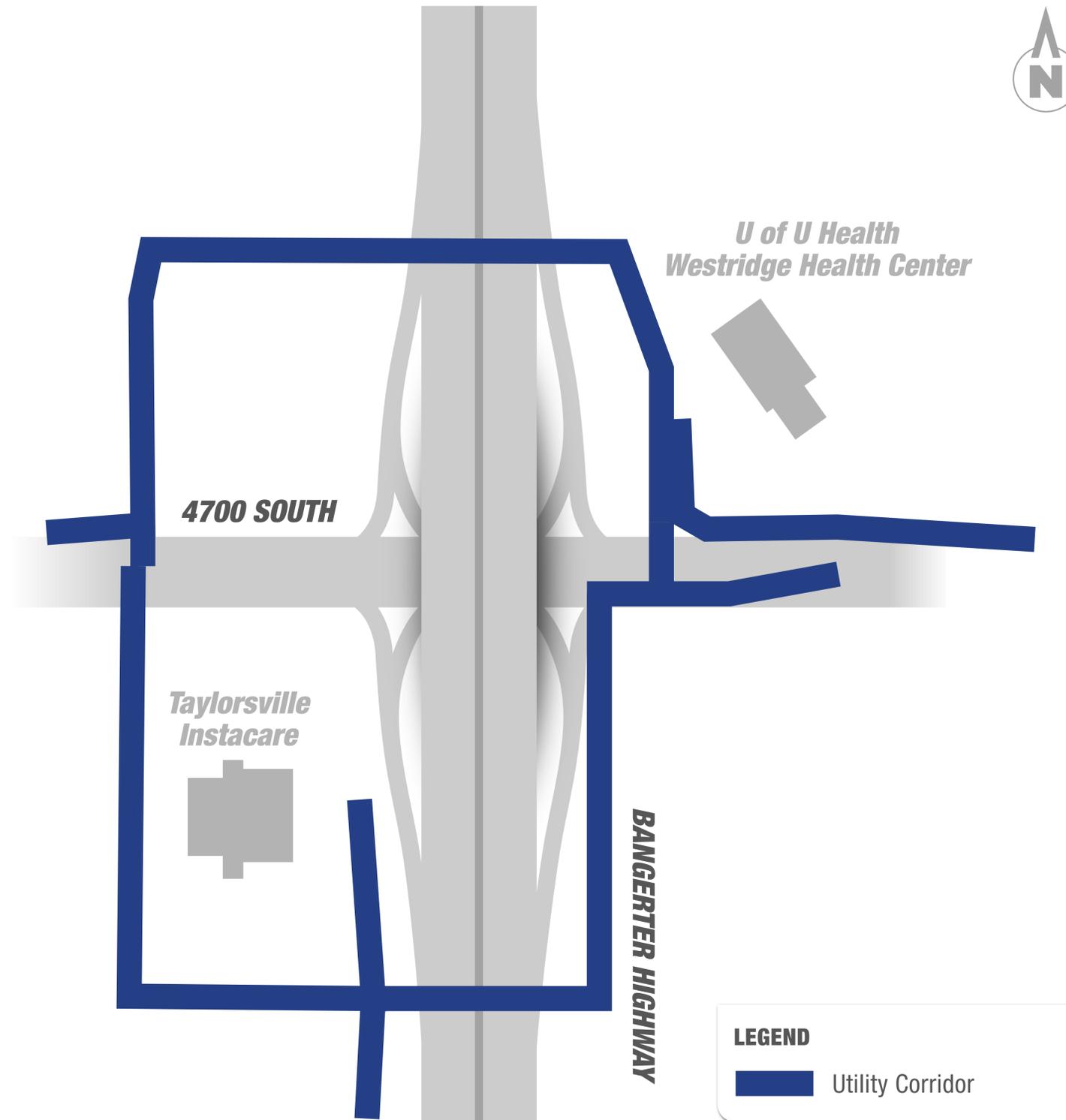
- Lowest cost
- No city contribution
- Fewer utility impacts
- 91 impacted properties



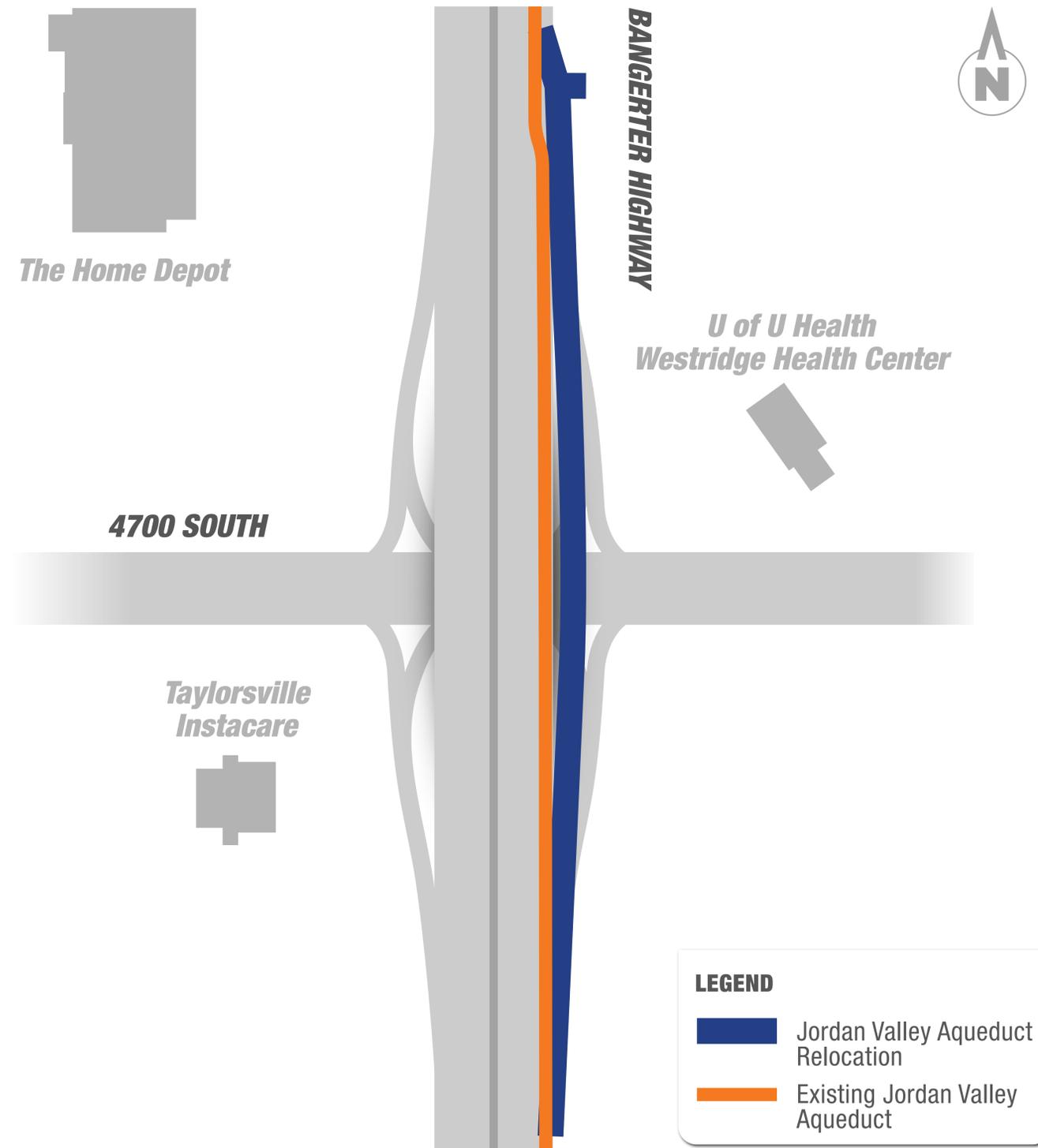
*Example: 11400 South in South Jordan*

- Highest cost
- Significant utility impacts and relocations
- 91 impacted properties
- Additional cost to go under: \$17.5 million (split 50/50 by UDOT and West Valley City/Taylorsville)

# ***BANGERTER UNDER*** ***UTILITY RELOCATION***

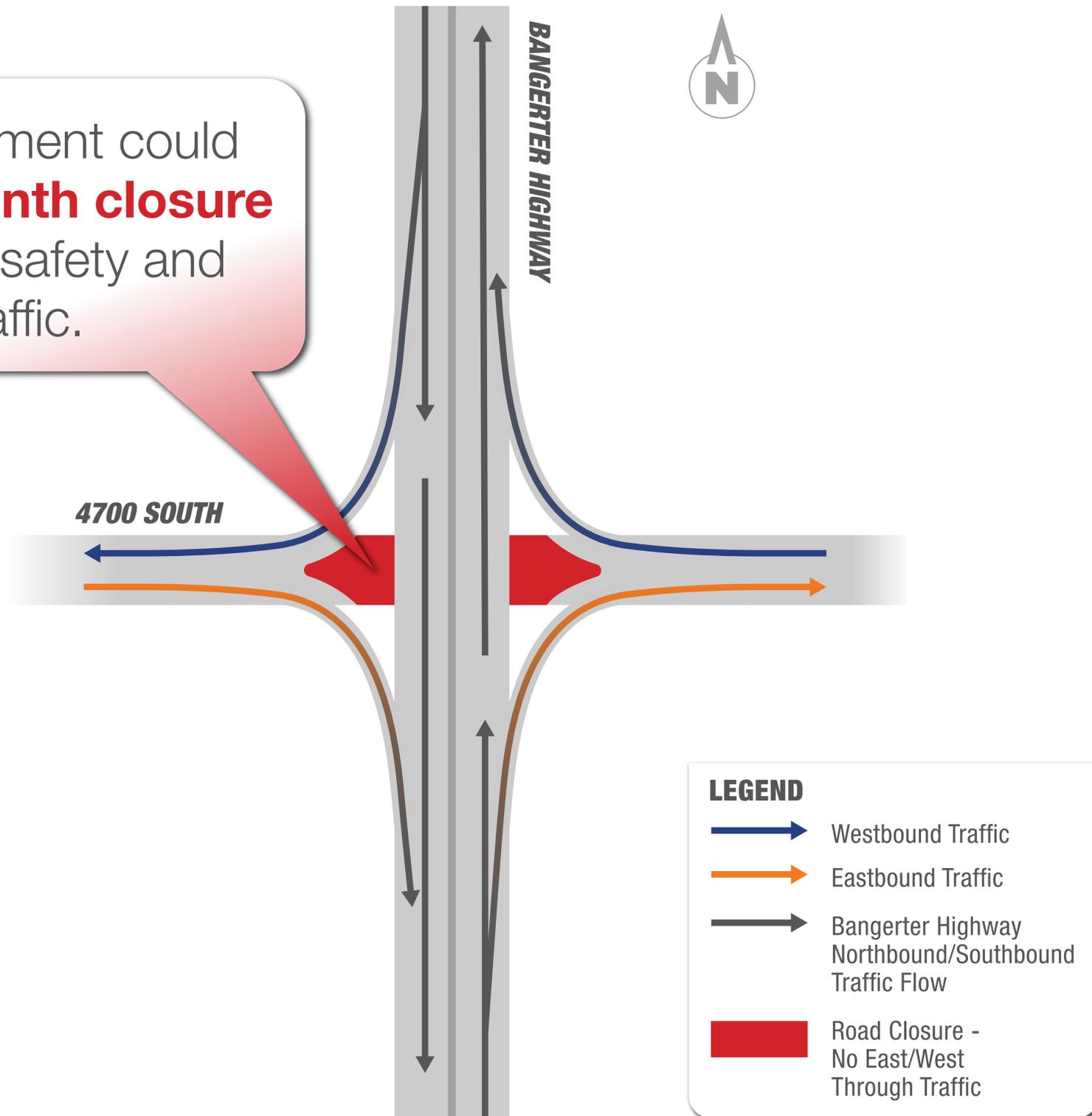


# JORDAN VALLEY AQUEDUCT RELOCATION



# CROSS-STREET CLOSURE

Each vertical alignment could require a **9-12 month closure** of 4700 South for safety and maintenance of traffic.



# AFFECTED ENVIRONMENT AND MITIGATION COMMITMENTS

## Proposed Action Impacts

## Mitigation

### Right of Way

- ROW acquisition from **91 parcels**
- Approximately **17.27 acres** of total property acquisition
- Temporary construction easements and perpetual easements required

Property owners will be compensated according to the requirements of the Utah Relocation Assistance Act.

### Cultural

The Finding of Effect is Adverse Effect:

- Adverse Effect for **7 eligible architectural properties**\*
- No Adverse Effect for **1 archaeological site** and **10 architectural properties**
- Finding of No Historic Properties Affected for all remaining architectural properties and archaeological sites

*\*These properties are eligible for the National Register of Historic Places (NRHP).*

UDOT will document the following 7 buildings according to the Utah State Intensive Level Survey Standards (ILS) as required by SHPO:

- 3739 West 4700 South
- 4534 South Orleans Way
- 4526 South Orleans Way
- 4502 South Orleans Way
- 4486 South Orleans Way
- 4472 South Orleans Way
- 4412 South Orleans Way

### Wetlands and Water Resources

- Less than 2,000 square feet of impacts (including the canal bank and surface water) to the South Jordan Canal.

- Complete work on the canal outside of the irrigation season.
- Comply with the conditions outlined in Nationwide Permit 14 – Linear Transportation Projects for impacts to the Utah and Salt Lake Canal and the South Jordan Canal.

# AFFECTED ENVIRONMENT AND MITIGATION COMMITMENTS

## Proposed Action Impacts

## Mitigation

### Noise

#### Over Option

- **421 receptors** impacted by project noise levels
- **365 receptors** exhibit noise levels greater than 10 dBA above existing noise levels
- Walls 1-3 and 5-6 are recommended for balloting. Wall 4 was not feasible and reasonable and is not recommended for balloting. Wall 7 will remain in place.

#### Under Option

- **322 receptors** impacted by project noise levels
- **287 receptors** exhibit noise levels greater than 10 dBA above existing noise levels
- Walls 1-3 and 5-6 are recommended for balloting. Wall 4 was not feasible and reasonable and is not recommended for balloting. Wall 7 will remain in place.

#### Over Option Evaluated Walls

- **Wall 1:** 14 feet tall located on the west side of Bangerter Highway south of 4700 South recommended for balloting
- **Wall 2:** 14 feet tall located on the west side of Bangerter Highway south of 4700 South recommended for balloting
- **Wall 3:** 13 feet tall located on the east side of Bangerter Highway south of 4700 South recommended for balloting
- **Wall 4:** Not recommended for balloting
- **Wall 5:** 20 feet tall located on the east side of Bangerter Highway north of 4700 South recommended for balloting
- **Wall 6:** 13 feet tall located on the west side of Bangerter Highway north of 4700 South recommended for balloting
- **Wall 7:** 13 feet tall located on the west side of Bangerter Highway north of 4700 South to remain in place

#### Under Option Evaluated Walls

- **Wall 1:** 13 feet tall located on the west side of Bangerter Highway south of 4700 South recommended for balloting
- **Wall 2:** 17 feet tall located on the west side of Bangerter Highway south of 4700 South recommended for balloting
- **Wall 3:** 13 feet tall located on the east side of Bangerter Highway south of 4700 South recommended for balloting
- **Wall 4:** Not recommended for balloting
- **Wall 5:** 17 feet tall located on the east side of Bangerter Highway north of 4700 South recommended for balloting
- **Wall 6:** 13 feet tall located on the west side of Bangerter Highway north of 4700 South recommended for balloting
- **Wall 7:** 13 feet tall located on the west side of Bangerter Highway north of 4700 South to remain in place

# AFFECTED ENVIRONMENT AND MITIGATION COMMITMENTS

## Proposed Action Impacts

## Mitigation

### Hazardous Waste

#### Over Option

- No impacts to hazardous waste sites.

#### Under Option

- A contaminated ground water plume is located beneath the Bangerter Highway and 4700 South intersection. Based on available information, the depth to ground water is 24.5 feet at the Life Church USGS Monitoring Well.

- Complete Phase I Environmental Site Assessment and/or Phase II Investigation per UDOT procedures.
- Any contamination encountered during project activities will be handled in accordance with the UDOT 2022 Standard Specification 01355.

### Relocations

- **27 residential** relocations
- **3 commercial** relocations

Property owners will be compensated according to the requirements of the Utah Relocation Assistance Act.

### Social

- Both the Bangerter Highway Over Option and Bangerter Highway Under Option would remove the Bible Baptist Church. Displacing the church could negatively affect the congregation.

Property owners will be compensated according to the requirements of the Utah Relocation Assistance Act.

### Construction

#### Over Option

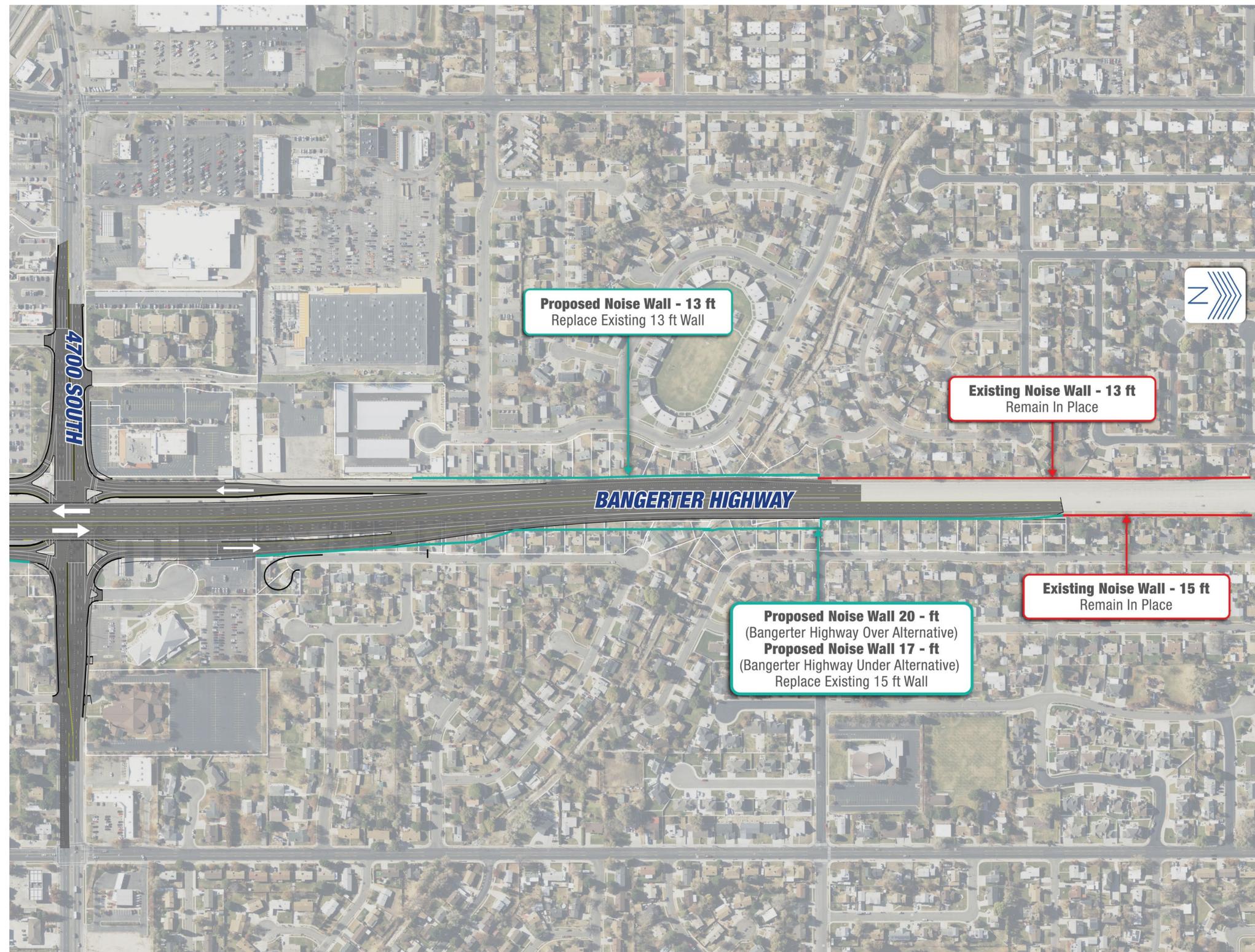
- Delays and temporary east/west closures of 4700 South are possible during construction of the project.

#### Under Option

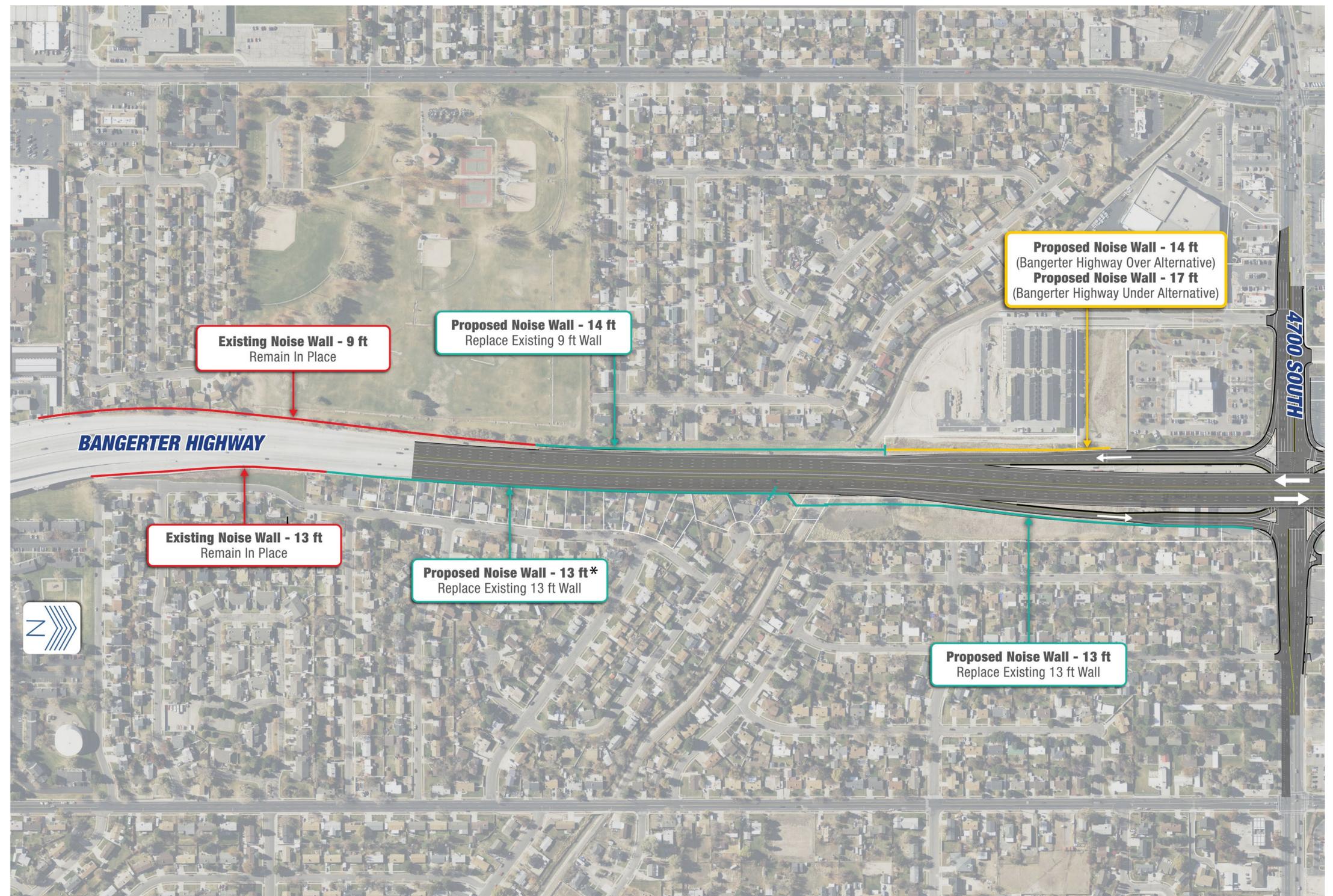
- East and west closures of 4700 South are anticipated for up to 12 months.

Comply with UDOT 2022 Standard Specifications.

# NOISE WALLS

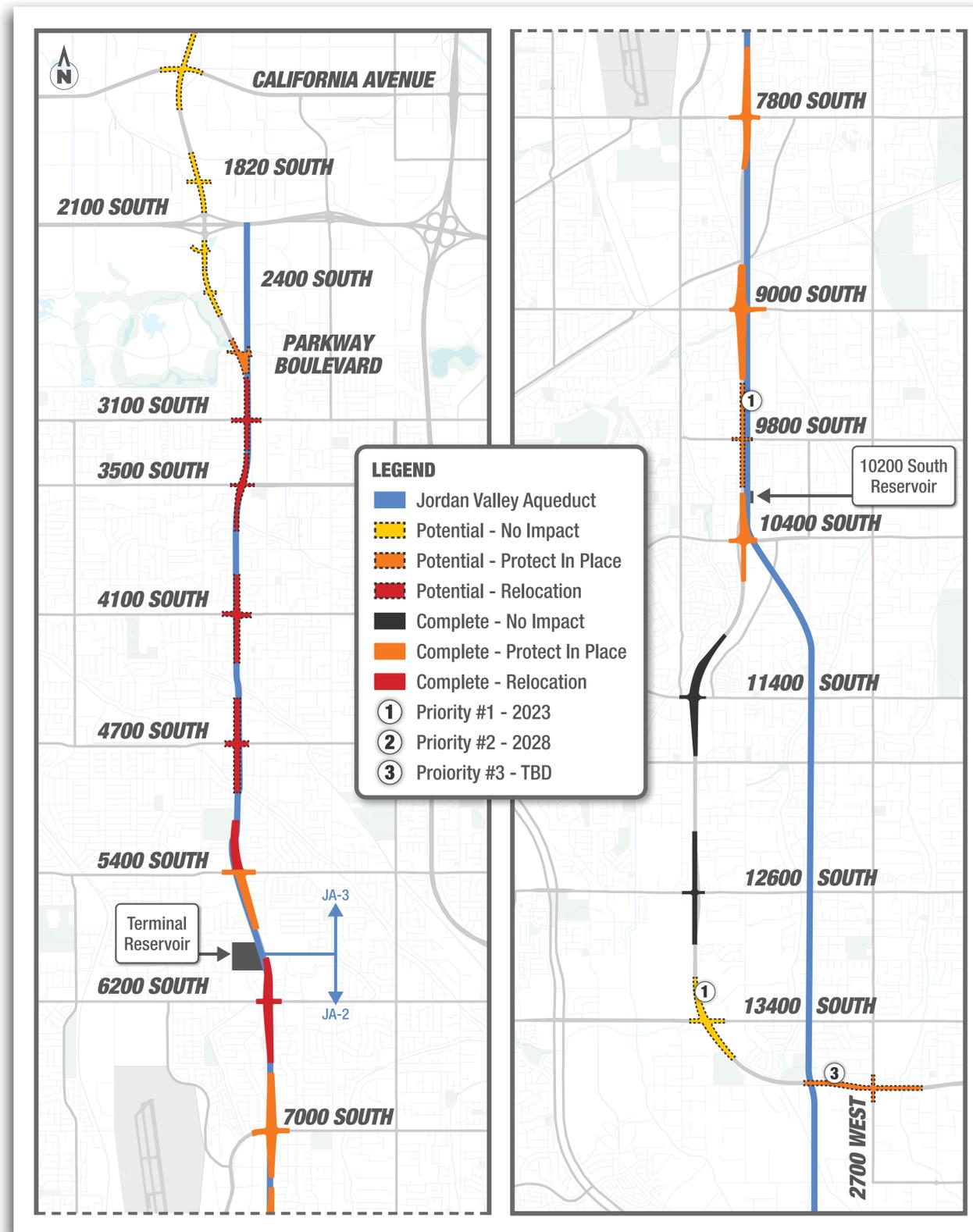


# NOISE WALLS



*\*These improvements will not be included in 2024 construction, but are identified as needed in 2050.*

# BUREAU OF RECLAMATION PROGRAMMATIC ENVIRONMENTAL ASSESSMENT



## Jordan Valley Aqueduct

- Review the PEA on the Reclamation [website](#)
- Send comments to Jared Baxter, NEPA Specialist at [jbaxter@usbr.gov](mailto:jbaxter@usbr.gov)
- Comment period:  
**Jan. 30 - Feb. 28, 2022**

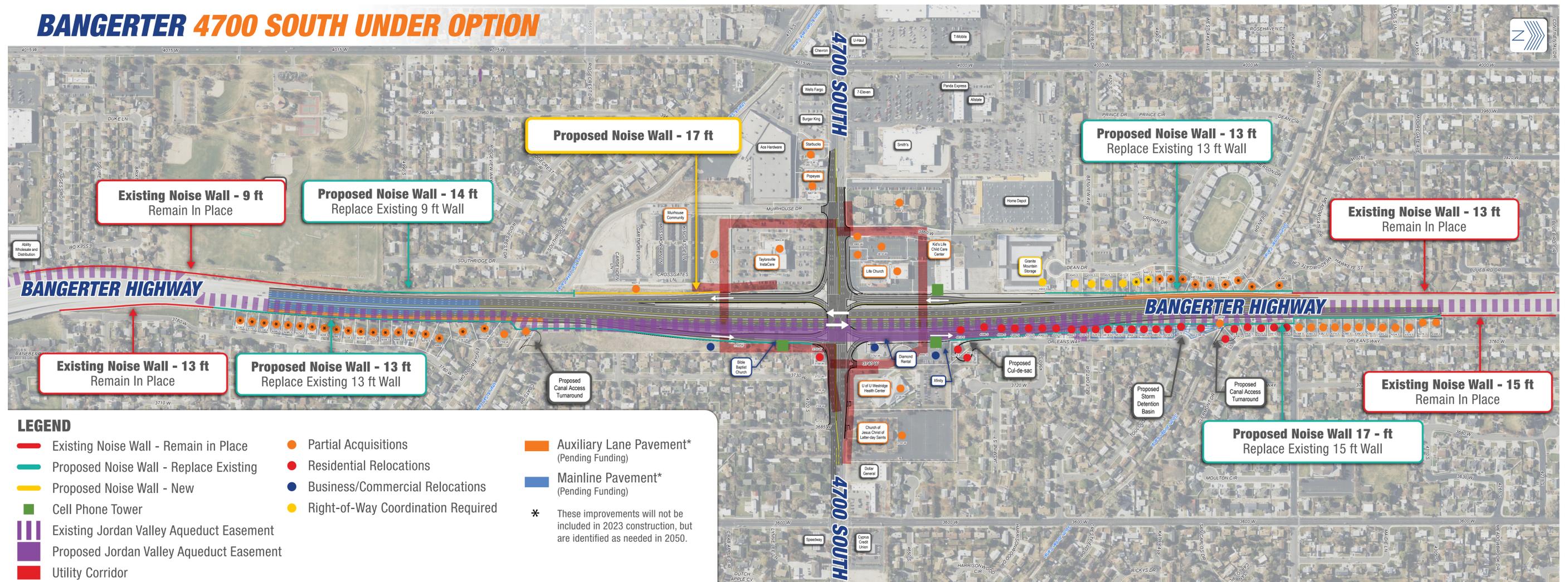
# ***RIGHT-OF-WAY ACQUISITION PROCESS***

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- 1. Identification** — The study team identifies what properties will be needed to construct the selected alternative.
- 2. Contact** — Property owners will be contacted directly if their property is identified as a full or partial acquisition.
- 3. Valuation** — Right-of-way (ROW) professionals will estimate the value of property.
- 4. Acquisition** — ROW professionals will work closely with the property owner to acquire needed property at fair market value.

# IMPACTED PROPERTY MAPS

## BANGERTER 4700 SOUTH UNDER OPTION



Visit [udot.utah.gov/bangerter4700south](https://udot.utah.gov/bangerter4700south) to review the full design and associated impacts.

# ***HOW TO COMMENT***

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- 1. Visit the website: [udot.utah.gov/bangerter4700south](https://udot.utah.gov/bangerter4700south)**
- 2. Email study team at [bangerter@utah.gov](mailto:bangerter@utah.gov)**
- 3. Mail a comment to:** Bangerter Environmental c/o Avenue  
6605 South Redwood Road,  
Taylorsville, UT 84123

***The formal comment period will be open between Jan. 17, 2022 and Feb. 15, 2022.***

# NEXT STEPS

2022

2023

2024

2025

JAN-FEB 2022

MAR 2022

MAR 2022-2025

Release Draft SES

*Neighborhood Meeting  
Public Comment Period  
In-Person Public Hearing  
Online Public Hearing*



Release Final SES



Contractor Procurement

*Public Notification of Design Selection*

Aqueduct Relocation  
Construction Scheduled to Begin



*ROW Process*

*This schedule is process-driven and subject to change.*



**Hotline:** 888-766-ROAD (7623)



**Email:** [bangerter@utah.gov](mailto:bangerter@utah.gov)



**Website:** [udot.utah.gov/bangerter4700south](http://udot.utah.gov/bangerter4700south)



**Brian Allen, P.E.** | UDOT Project Manager (PM)



**Tyler Allen** | UDOT Environmental Manager



**Marwan Farah, P.E.** | UDOT Bangerter Program Project Manager



**Craig Bown** | 4700 South Environmental Lead



**Eric Lyon, MAI, SR/WA** | UDOT Right-of-Way Lead



**Nate Dye** | 4700 South Roadway Design



**Laura Ingersoll** | 4700 S Public Involvement



**Duke Richardson** | 4700 S Public Involvement