



SOUTHEAST CONNECTOR PROJECT

Tarrant Regional Transportation Coalition
February 1, 2023



NorthGate Constructors
NorthGate Constructors
A Joint Venture
03-184184

NO EXCUSES
CONNECTICUT

Think!
SAFETY
BEGINS WITH ME
NOBODY
GETS HURT

Think!
SAFETY
BEGINS WITH ME
NOBODY

WELCOME

THE SOUTHEAST CONNECTOR PROJECT
PROPRIETARY AND CONFIDENTIAL

SOUTH POINT
CONSTRUCTORS

AGENDA

1. Joint Venture Introduction
2. Project Overview & Timeline
3. Project Scope
4. Project Elements
5. 2023 Construction
6. Public Information Efforts
7. Closing Comments & Questions



INTRODUCTIONS

THE SOUTHEAST CONNECTOR PROJECT
PROPRIETARY AND CONFIDENTIAL

SOUTH POINT
CONSTRUCTORS

SOUTH-POINT CONSTRUCTORS

South-Point Constructors is a fully-integrated joint venture between Kiewit Infrastructure South Co. and Austin Bridge & Road.

Kiewit

- More than 135 years in the industry: building, industrial, mining, oil, gas & chemical, power, transportation, water
- Engineering News-Record (ENR) Top 400 Contractors Ranking: Overall No. 3
- 36 years working in the DFW area

Austin Bridge & Road

- A leader in the heavy civil infrastructure industry
- Built many infrastructure projects for the transportation, aviation, water, and rail industries
- Specialize in dense-graded hot-mix asphalt, dense-graded warm-mix asphalt, and Superpave asphalt mix

SOUTH-POINT
CONSTRUCTORS

136 Years of DFW Construction Experience & Partnerships

16 Years of Design-Build Experience in Texas


\$2.8B TxDOT Design-Build Contracts Delivered



Kiewit



Austin Bridge & Road
An Austin Industries Company



PROJECT OVERVIEW & TIMELINE

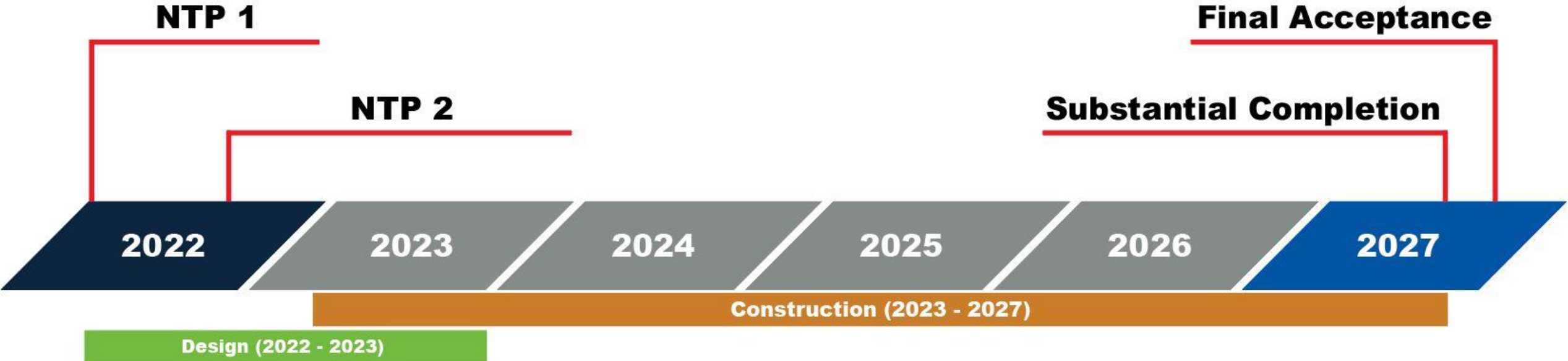
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PROCUREMENT TIMELINE

- **1970s: Completion of Current Loop 820/ I20 East interchange**
- **2000-2005: Design and Environmental studies for Southeast Connector**
- **2016: Updated design and environmental studies for Southeast Connector**
- **2017: Alternative analyses performed including Design-Build analysis**
- **Design-Build Contract based on Transportation Code Ch.223-Subchapter F**
- **Schematic Design**
 - Design team: Fort Worth District- Advanced Project Development Section & Civil Associates, Inc. (CAI)
 - 2018: Public meeting
 - 2020: Public Hearing
 - 2020: Finding of No Significant Impact for a FHWA Project (FONSI)
 - 2021: Interstate Access Justification Report (IAJR)

DESIGN BUILD EXECUTION



DESIGN BUILD RESPONSIBILITIES

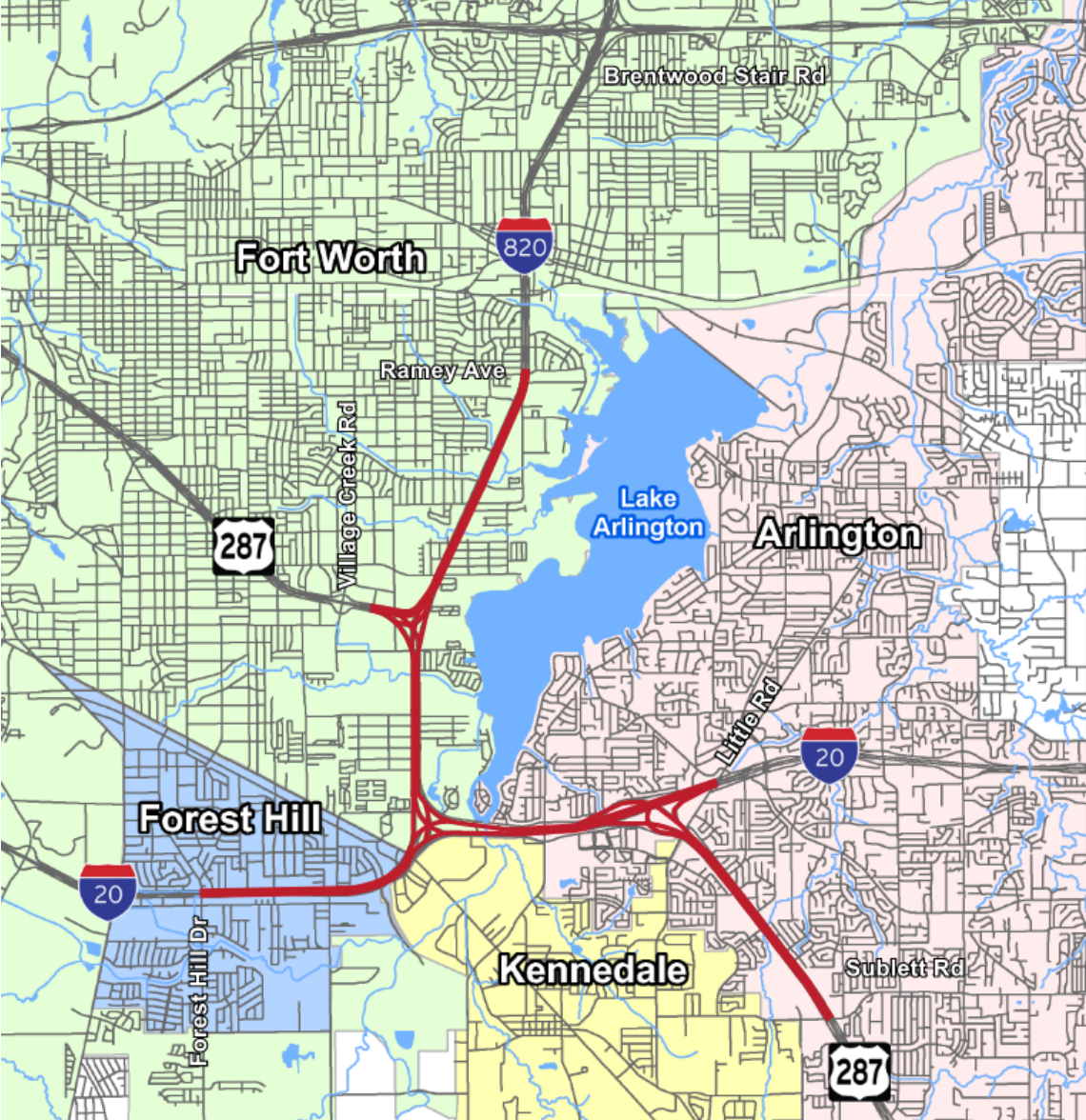
- **TxDOT**

- Funding
- Procurement (DB contractor selection)
- ROW acquisition
- NEPA approval
- UPRR agreement
- Design oversight
- Construction oversight
- Quality inspection/testing oversight
- Progress payments

- **SPC (Design Build Contractor)**

- Project design
- Engineering
- Procurement
- Stakeholder coordination
- Utility adjustments
- Construction
 - Subcontractor management
- NEPA compliance
- Quality control / Quality assurance
- Roadway maintenance during construction
- Project completion
- Capital maintenance
- Public information/interface

PROJECT ADJACENT MUNICIPALITIES



MUNICIPALITY ENGAGEMENT

- **Utility coordination**
- **Design coordination**
- **City street closure approval**
- **Assist in communication with stakeholders**
- **FEMA coordination**

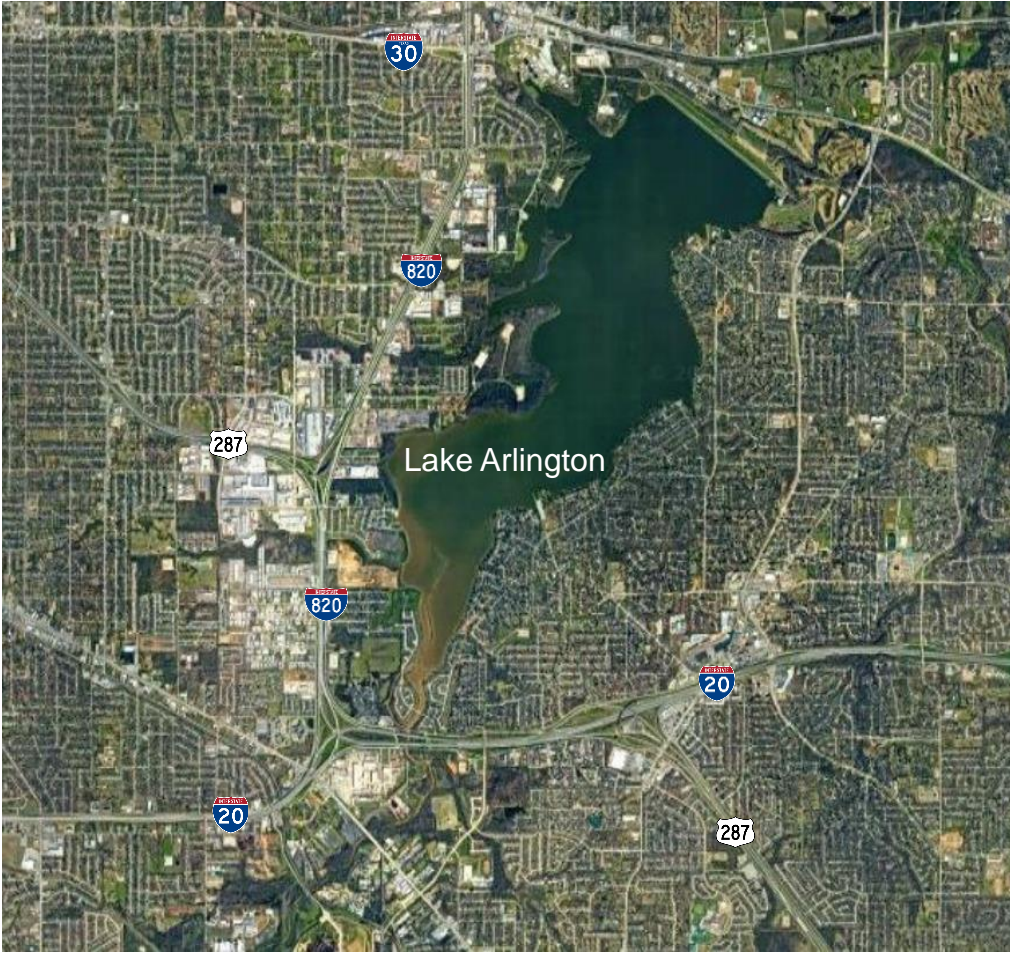
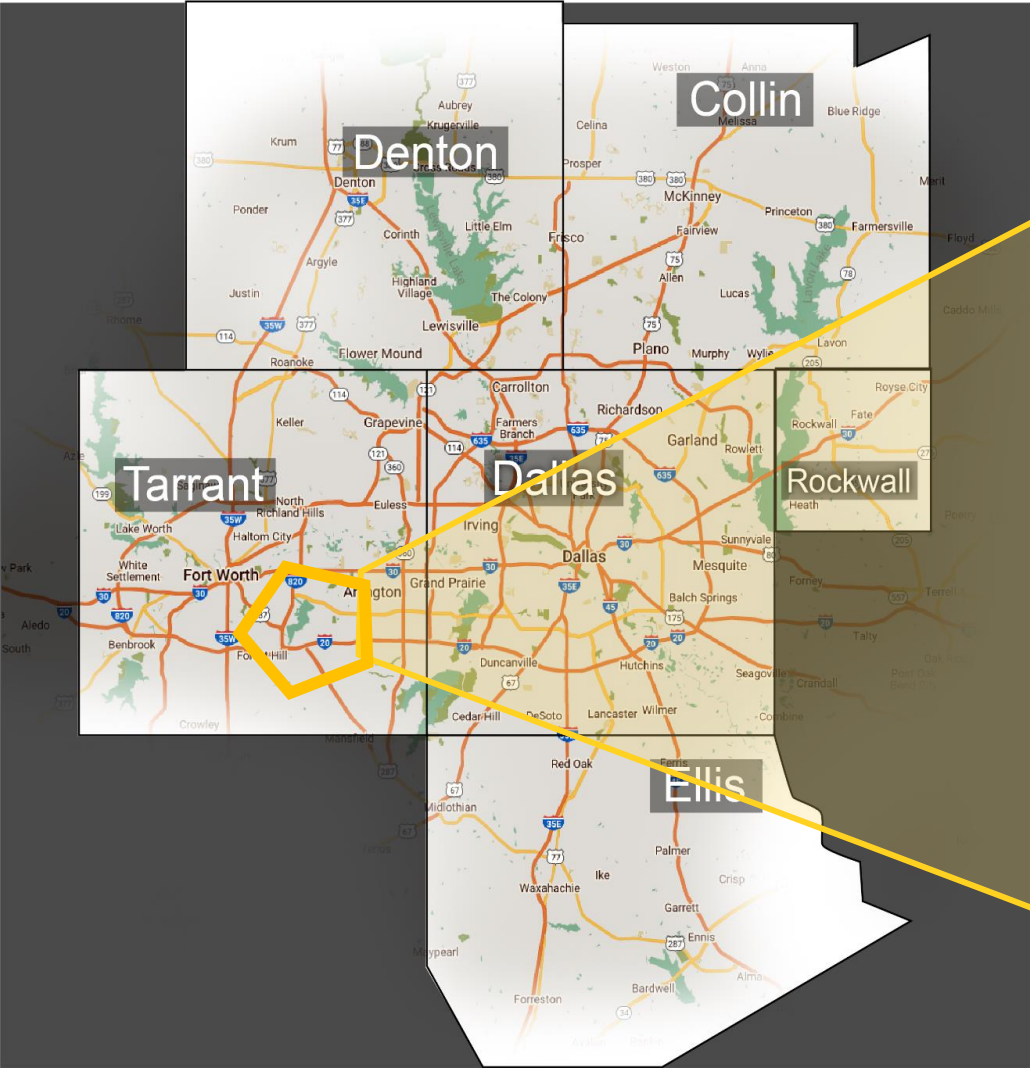


PROJECT SCOPE

THE SOUTHEAST CONNECTOR PROJECT
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PROJECT OVERVIEW





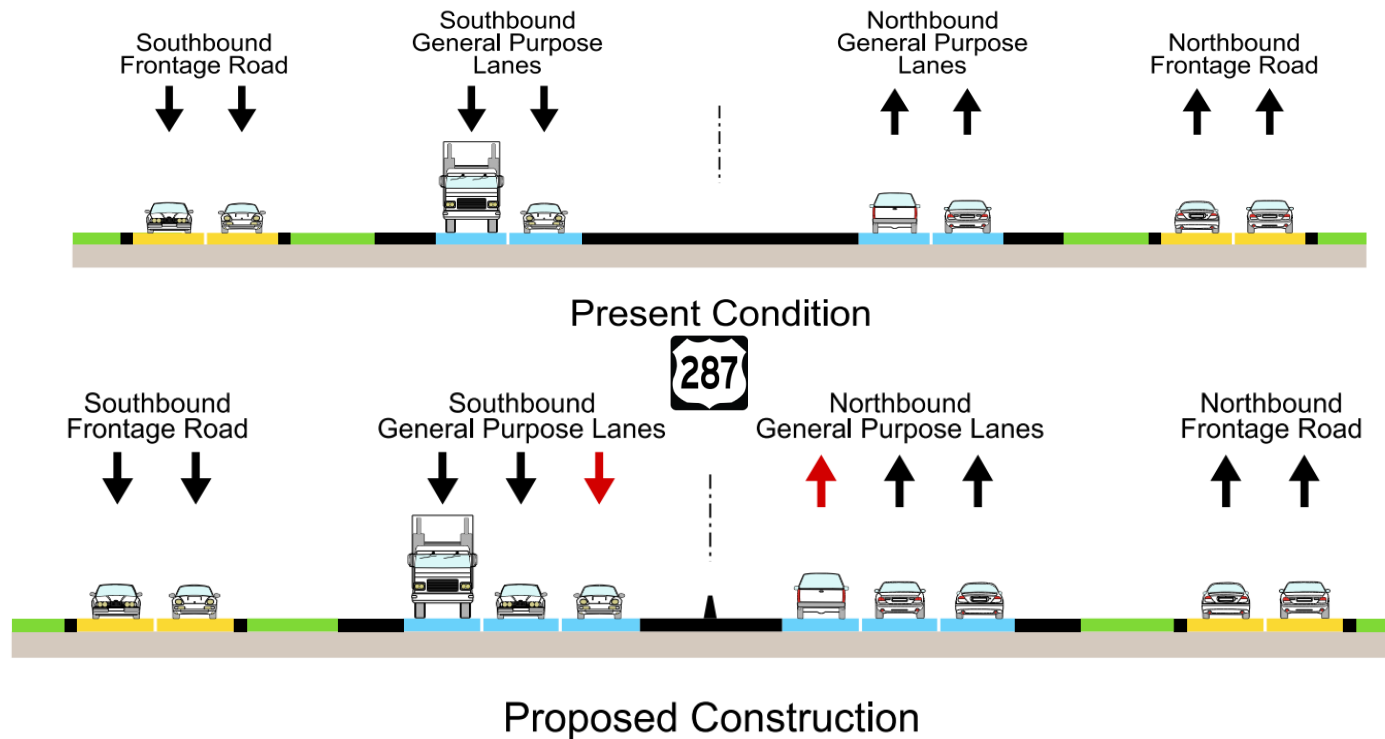
The project will rebuild and widen 11.1 miles of I-20, I-820 and US 287

THE SOUTHEAST CONNECTOR PROJECT
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PROJECT OVERVIEW: US 287

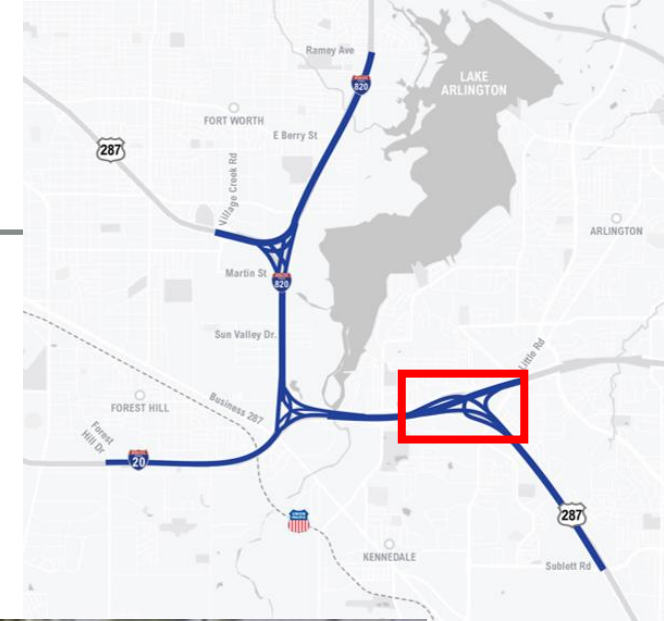
- Reconstruct US 287
 - One additional mainlane in each direction
 - Additional frontage road capacity
 - Added sidewalks and shared use path



Additional capacity shown with red arrows.

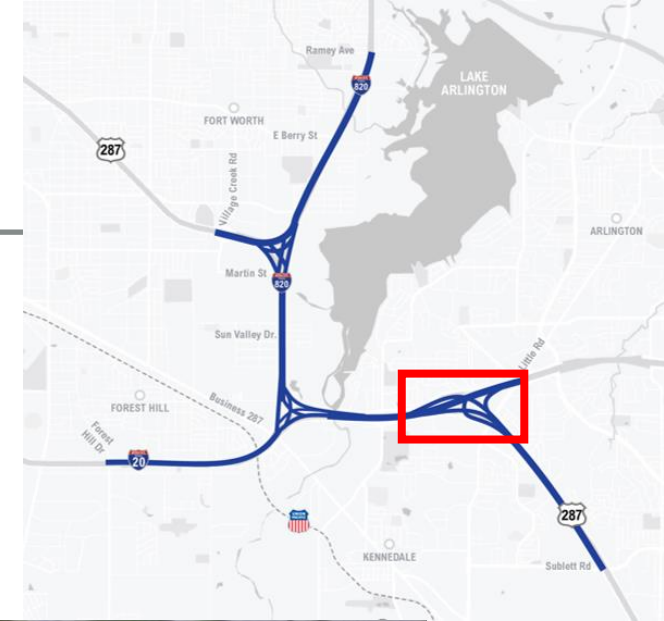
PROJECT OVERVIEW: US 287 NB TO I-20 WB

- Reconstruct I-20/US 287 interchange
 - US 287 through traffic remains in collector distributor lanes
 - Reduced merging



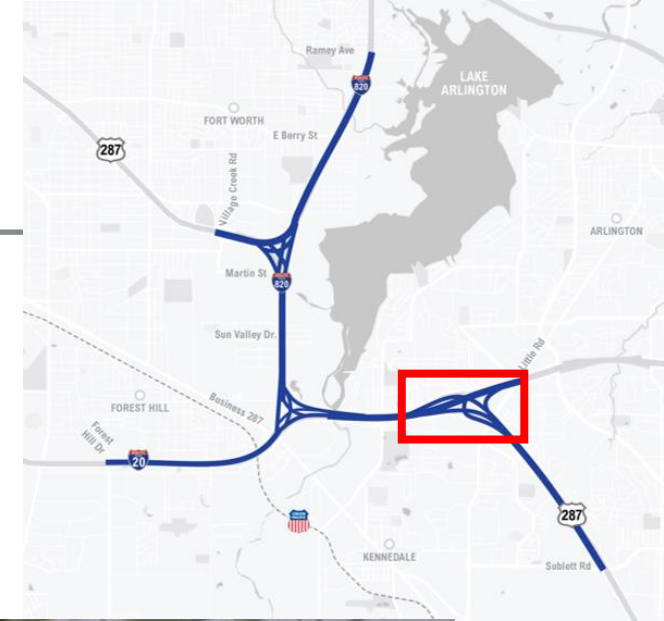
PROJECT OVERVIEW: US 287 NB

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 - US 287 through traffic remains in collector distributor lanes
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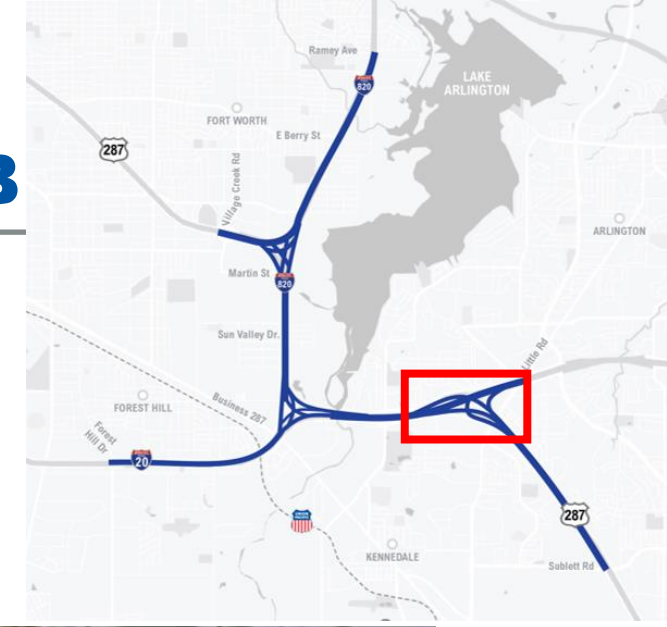
PROJECT OVERVIEW: US 287 NB TO I-20 WB

- Reconstruct I-20/US 287 interchange
 - US 287 through traffic remains in collector distributor lanes
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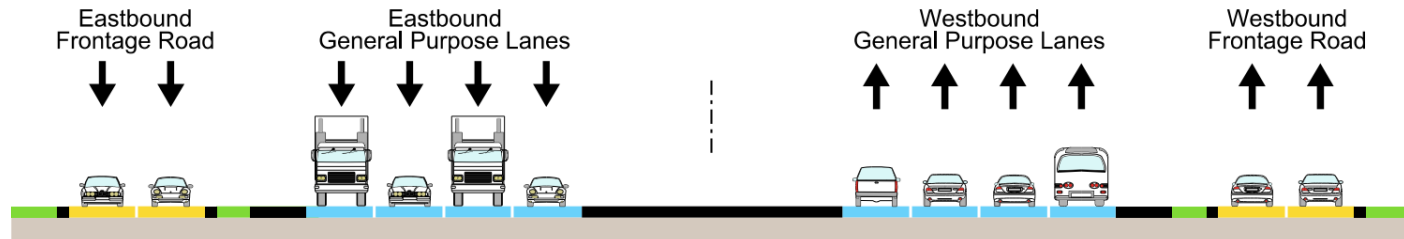
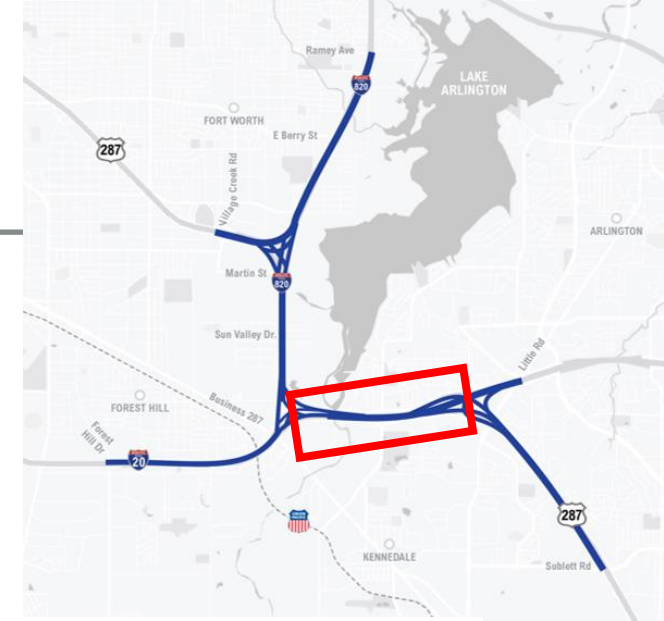
PROJECT OVERVIEW: I-20 WB TO I-820/US 287 NB

- Reconstruct I-20/US 287 interchange
 - US 287 through traffic remains in collector distributor lanes
 - Reduced merging

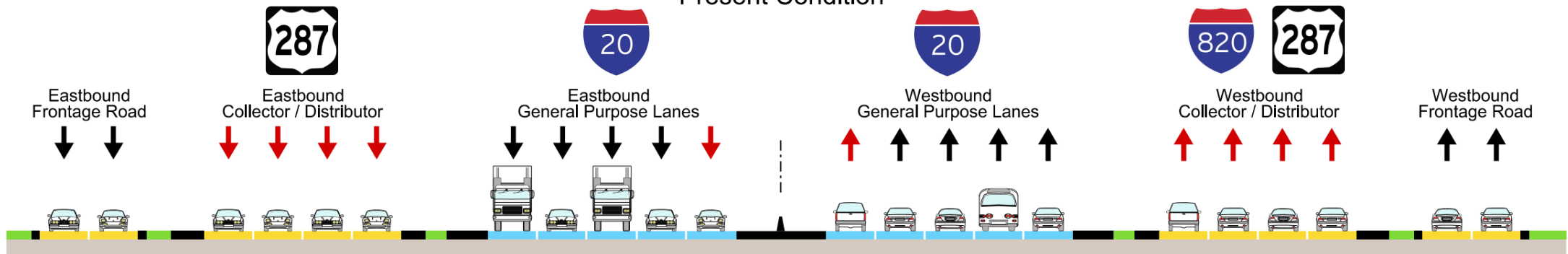


PROJECT OVERVIEW: I-20

- One additional mainlane in each direction and new collector distributor facility
- All left exit and entrance ramps changed to right exit/entrance
- Texas turnarounds will be added at all cross streets to improve frontage road connectivity and improve access to ramps
- Added sidewalk or shared use path



Present Condition

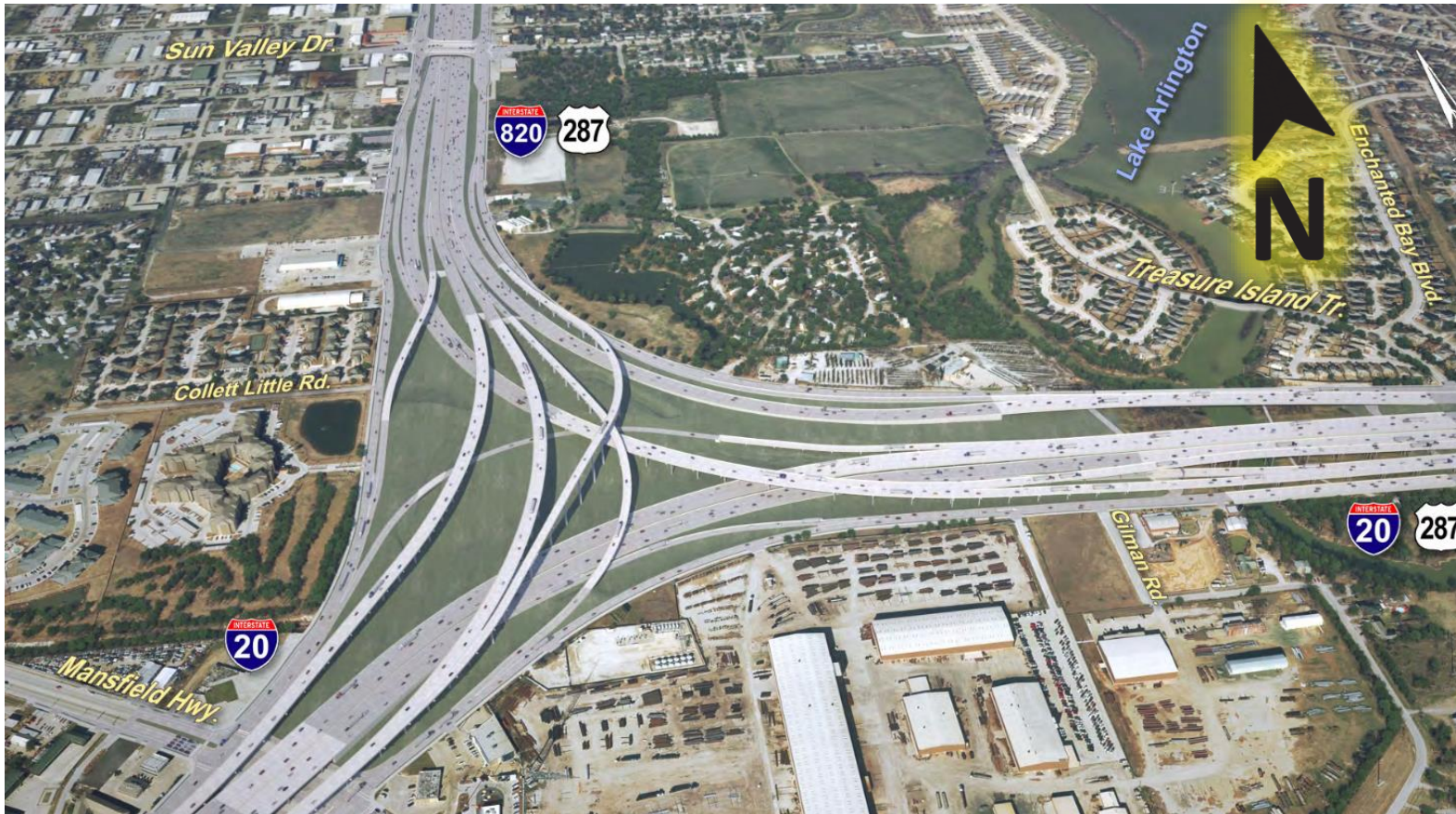


Proposed Construction

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PROJECT OVERVIEW: I-20 AT I-820

- Reconstruct I-20/I-820 interchange
 - Right exit to I-820
 - Right exit to Business 287 from I-20 WB
 - Separate I-820 and US 287 merge traffic from I-20



PROJECT OVERVIEW: I-20 AT I-820

- Reconstruct I-20/I-820 interchange
 - Right exit to I-820
 - Right exit to Business 287 from I-20 WB
 - Separate I-820 and US 287 merge traffic from I-20



PROJECT OVERVIEW: I-20 AT I-820

- Reconstruct I-20/I-820 interchange
 - Right exit to I-820
 - Right exit to Business 287 from I-20 WB
 - Separate I-820 and US 287 merge traffic from I-20



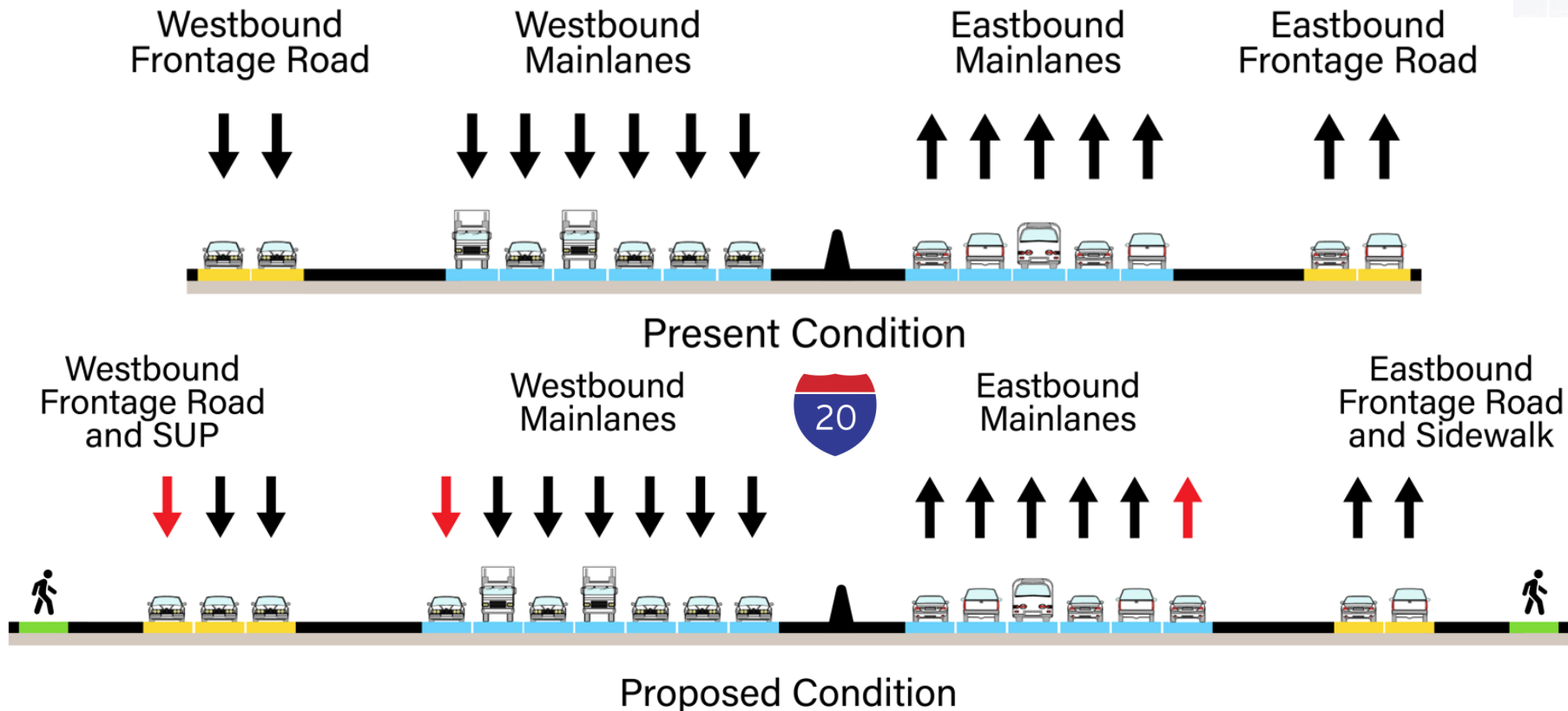
PROJECT OVERVIEW: I-20 AT I-820

- Reconstruct I-20/I-820 interchange
 - Right exit to I-820
 - Right exit to Business 287
 - Separate I-820 and US 287 merge traffic from I-20



PROJECT OVERVIEW: I-20

- One additional mainlane in each direction
- All left exit and entrance ramps changed to right exit/entrance
- Texas turnarounds will be added at all cross streets to improve frontage road connectivity and improve access to ramps
- Added sidewalk or shared use path



PROJECT OVERVIEW: I-20 IN FOREST HILL

- Reconstruct I-20 bridge over UPRR with one additional mainlane in each direction
- Construct continuous frontage road connection over UPRR to Business 287



PROJECT OVERVIEW: I-20 IN FOREST HILL

- Reconstruct I-20 bridge over UPRR with one additional mainlane in each direction
- Construct continuous frontage road connection over UPRR to Business 287



PROJECT OVERVIEW: I-20 IN FOREST HILL

- Reconstruct the Anglin Dr. intersection
- North/south through connection for Anglin Dr.
- Construct continuous frontage road connection to Business 287
- Texas turnaround added



PROJECT OVERVIEW: I-20 IN FOREST HILL

- Reconstruct the Anglin Dr. intersection
- North/south through connection for Anglin Dr.
- Construct continuous frontage road connection to Business 287
- Texas turnaround added



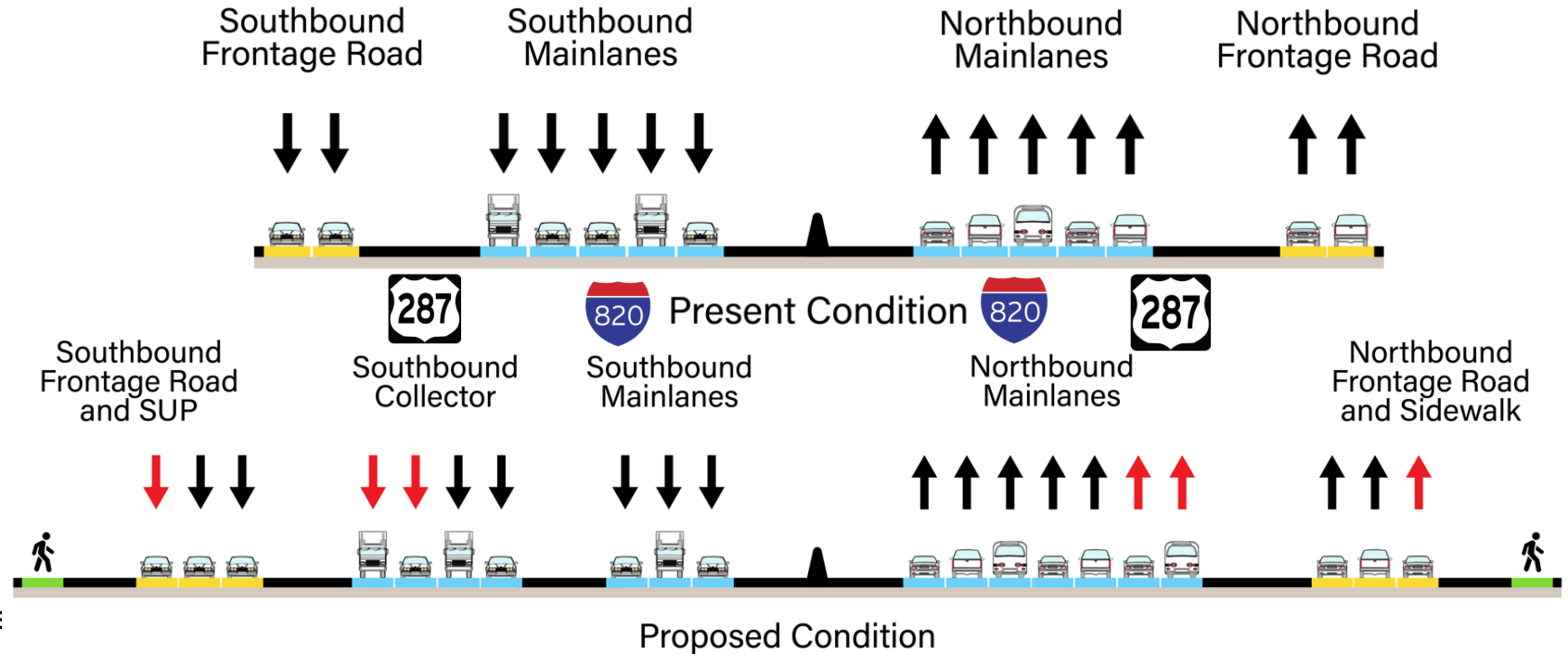


SE Loop 820

Anglin Dr.

PROJECT OVERVIEW: I-820

- Added capacity on mainlanes and frontage roads
- Left exit from NB I-820 to NB US 287 changed to right exit
- Left exit from SB US 287 to NB I-820 changed to right exit
- Reconstruct the I-820/US 287 interchange
- Continuous frontage road from SB I-820 to NB US 287
- Increased mobility with Texas turnarounds and ramps



PROJECT OVERVIEW: I-820

- Left exit from NB I-820 to NB US 287 changed to right exit
- Left exit from SB US 287 to NB I-820 changed to right exit
- Continuous frontage road from SB I-820 to NB US 287



PROJECT OVERVIEW: I-820

- Left exit from NB I-820 to NB US 287 changed to right exit
- Left exit from SB US 287 to NB I-820 changed to right exit
- Continuous frontage road from SB I-820 to NB US 287



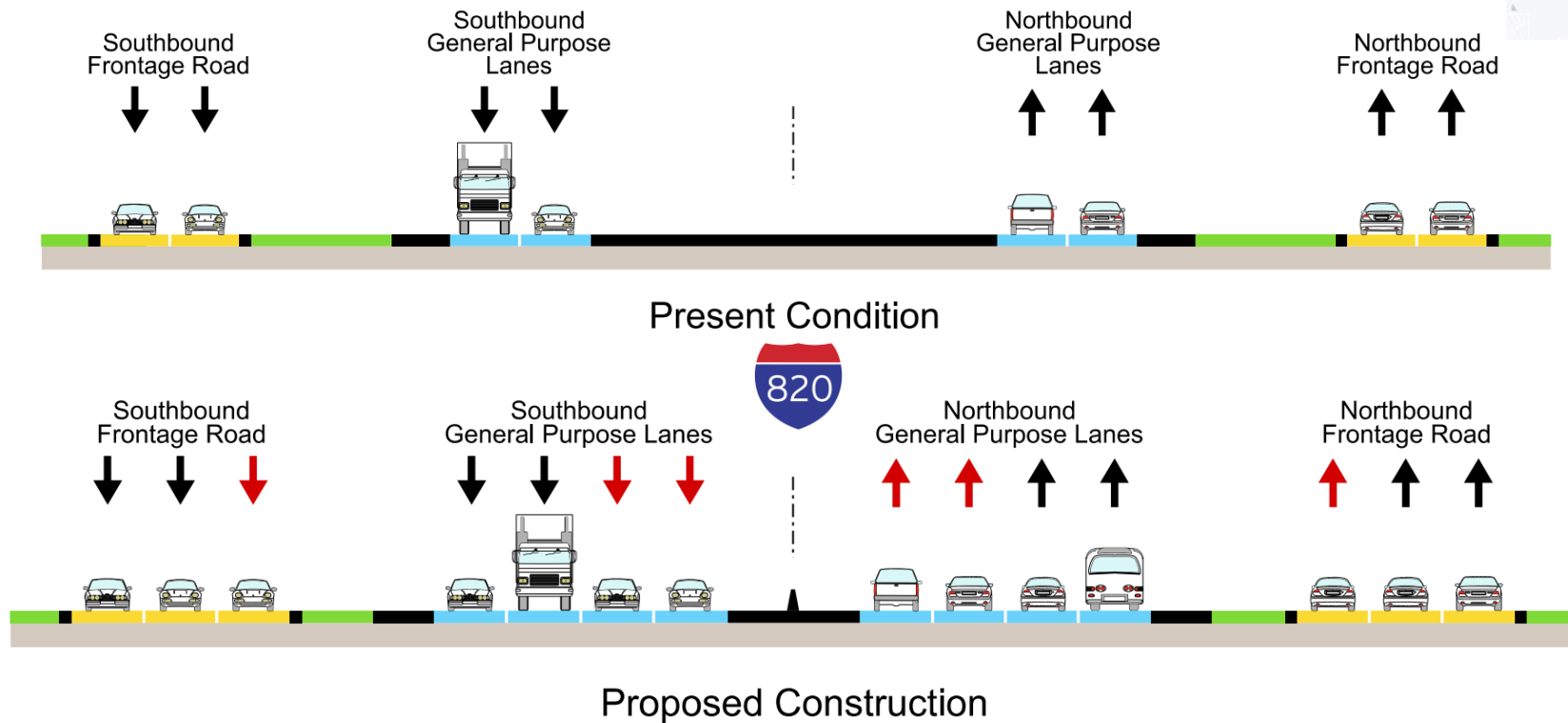
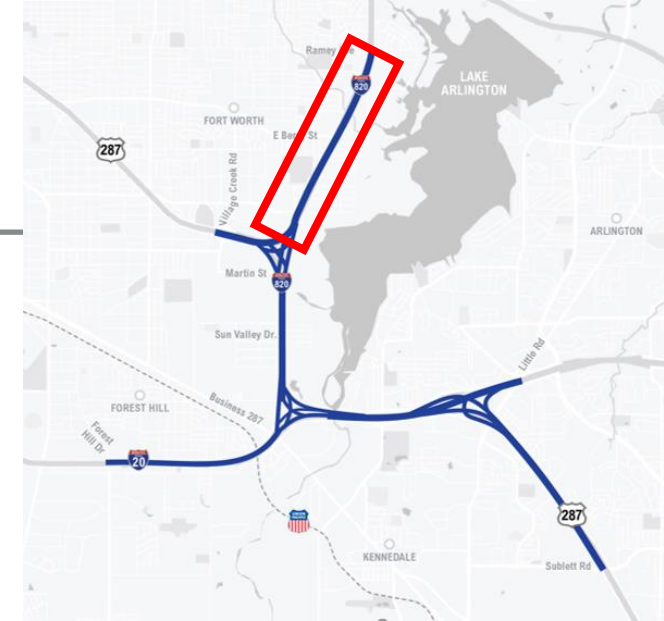
PROJECT OVERVIEW: I-820

- Left exit from NB I-820 to NB US 287 changed to right exit
- Left exit from SB US 287 to NB I-820 changed to right exit
- Continuous frontage road from SB I-820 to NB US 287



PROJECT OVERVIEW: I-820

- Additional mainlanes in each direction
- Additional frontage road capacity



Additional capacity shown with red arrows.



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PROJECT ELEMENTS

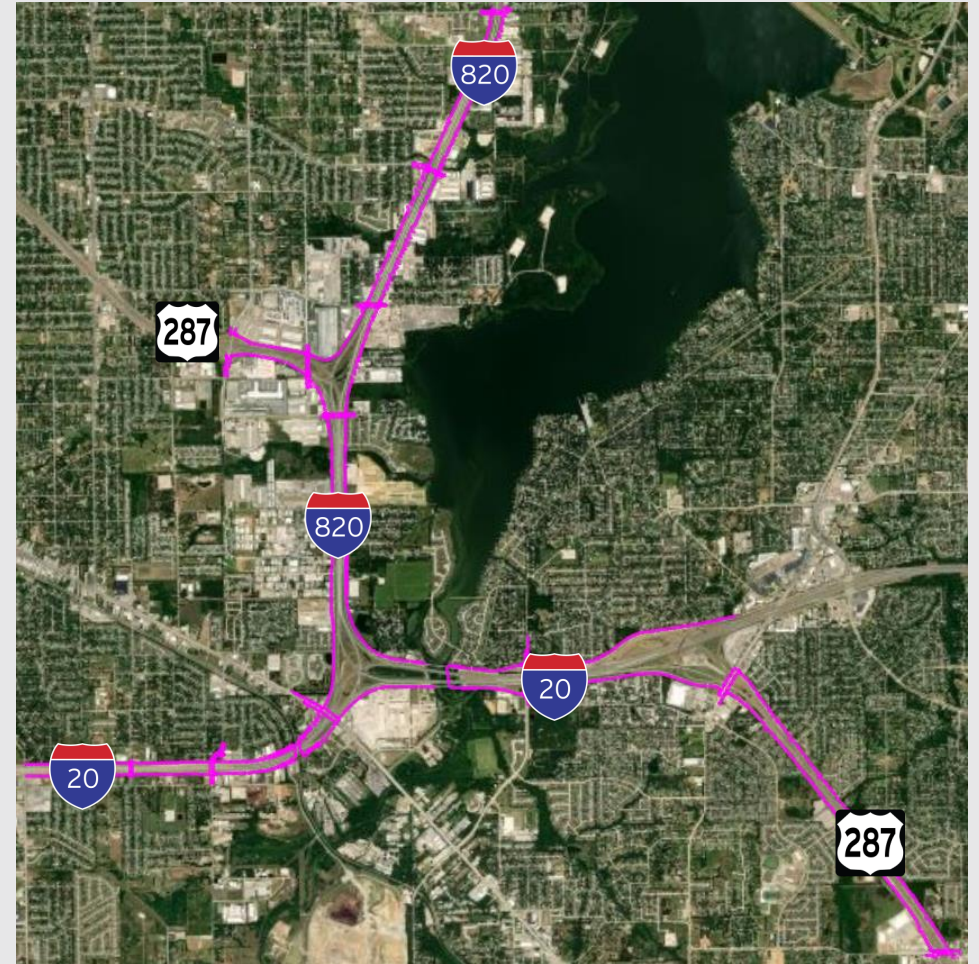
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PROJECT ELEMENTS

Sidewalk/Shared Use Path (SUP) is to be constructed along all frontage roads/cross streets providing bicycle and pedestrian mobility for the entire corridor

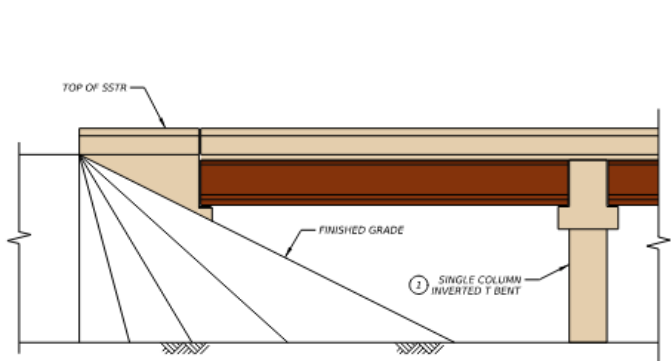
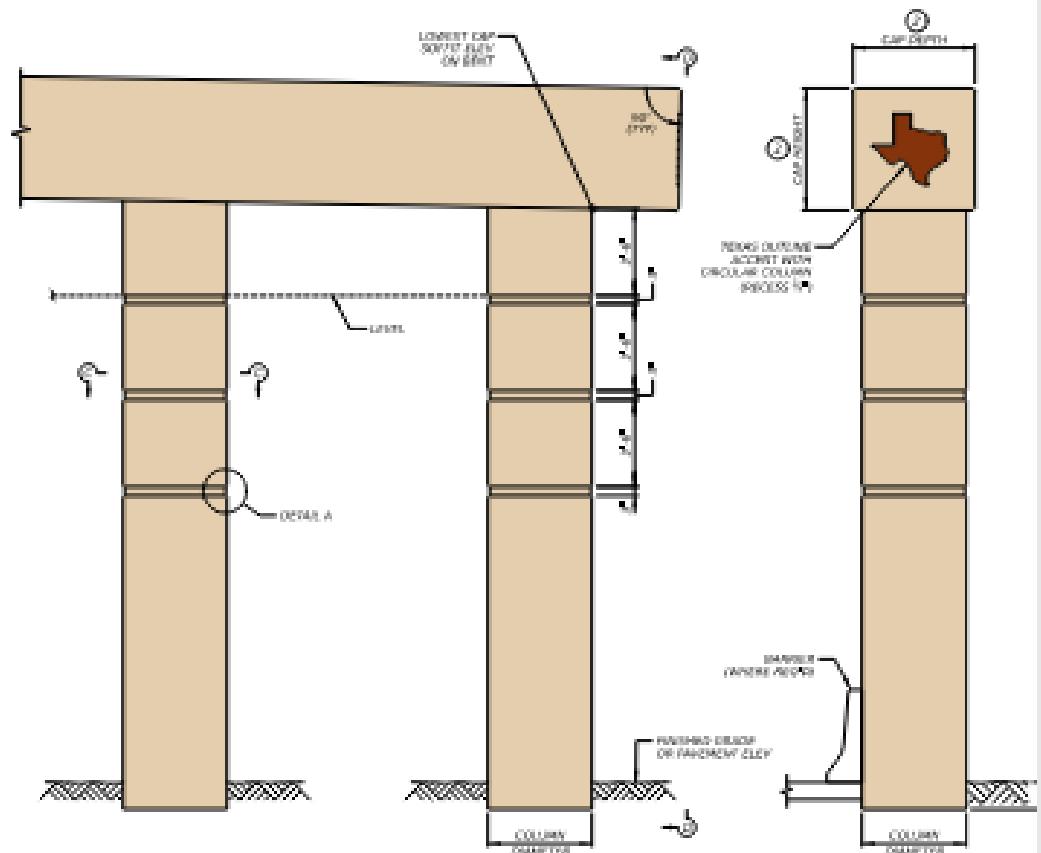
- Only 7,000 SY of current sidewalk throughout the project corridor
- Improvements
 - 110,000 SY of new Sidewalk/SUP
 - Approximately 19 miles



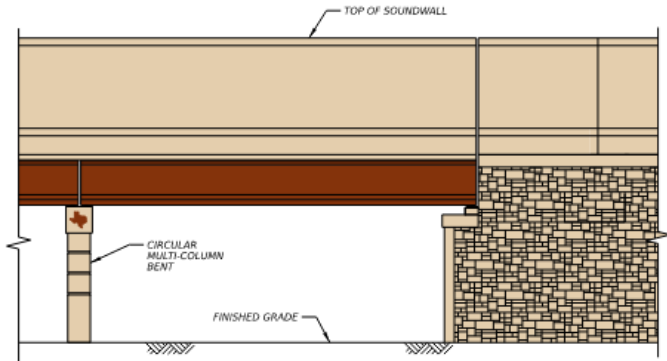
 Proposed sidewalk/SUP construction

PROJECT ELEMENTS

Number of Individual Bridges: **49**

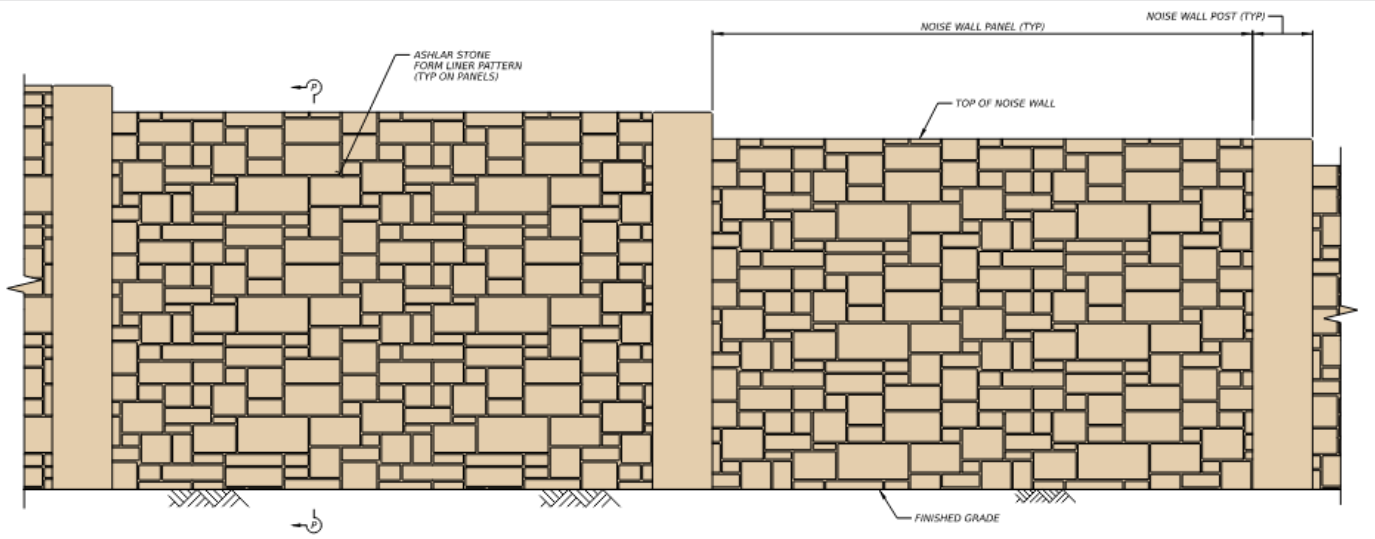


BASELINE AESTHETIC SCHEME
 SHOWING EMBANKMENT AT ABUTMENT
 RAMP OR DIRECT CONNECTOR BRIDGE

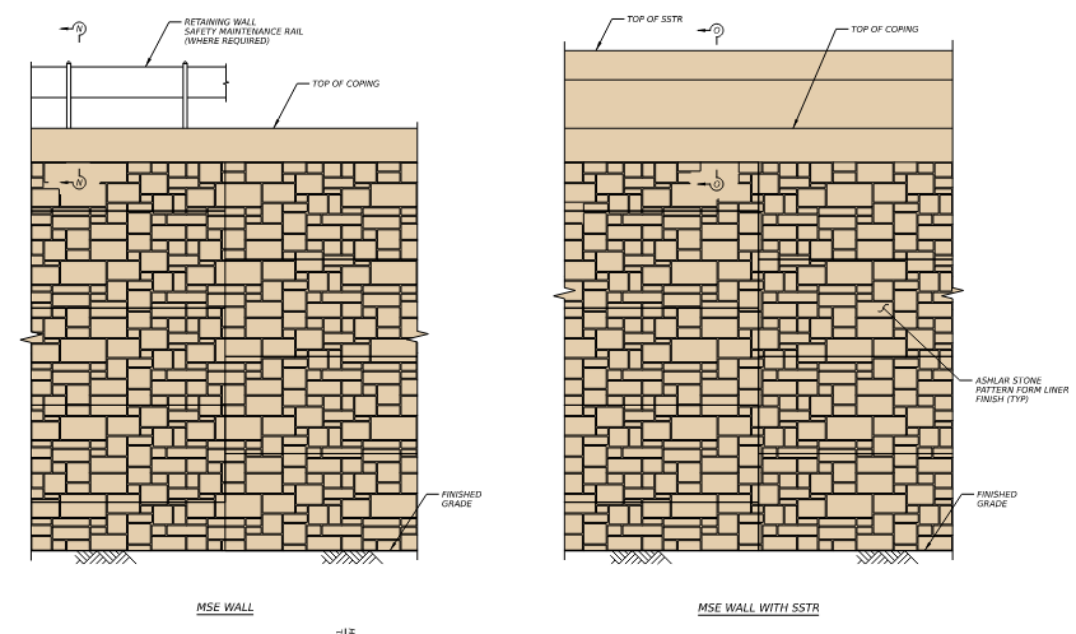


ACCENT AESTHETIC SCHEME
 SHOWING RETAINING WALL AT ABUTMENT
 OVERPASS OR UNDERPASS BRIDGE WITH SOUNDWALL

PROJECT ELEMENTS



Sound Wall



Retaining Wall



2023 CONSTRUCTION

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CONSTRUCTORS

I-820: US 287 TO RAMEY AVE.

Early March to Late Summer/Early Fall

- Maintain mainlanes capacity on I-820 during the day, lane restrictions at night
- Build temporary mainlanes, frontage road, walls, barrier and signage



Southbound
Frontage Road

Southbound
Mainlanes



Northbound
Mainlanes

Northbound
Frontage Road



I-820: US 287 TO RAMEY AVE.

Late Summer through Late 2023/Early 2024

- Frontage roads reduced to one lane (2 lanes at intersections)
- I-820 mainlanes to be constructed in center median, then northbound, then southbound
- Alternating side street closures at frontage roads
- Begin driveway construction. Alternating driveways or half at a time

(Full width frontage roads and driveways at conclusion of Phase 1)



Southbound
Frontage Road

Southbound
Mainlanes



Northbound
Mainlanes

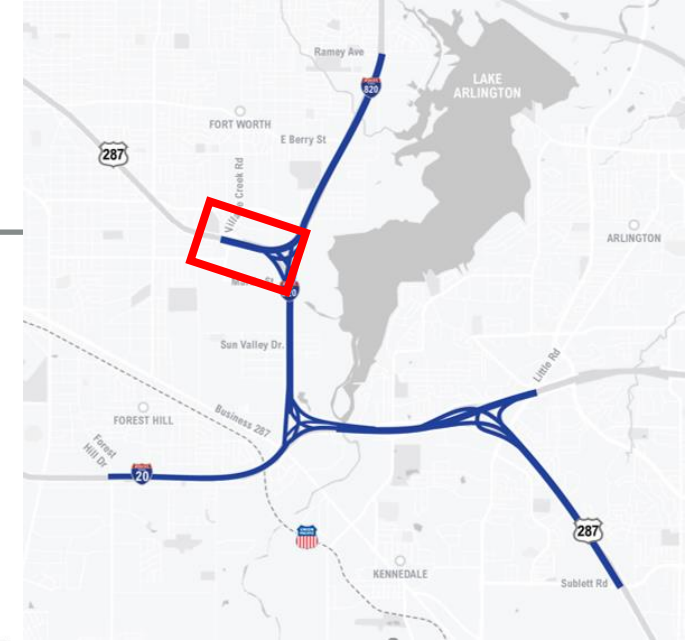
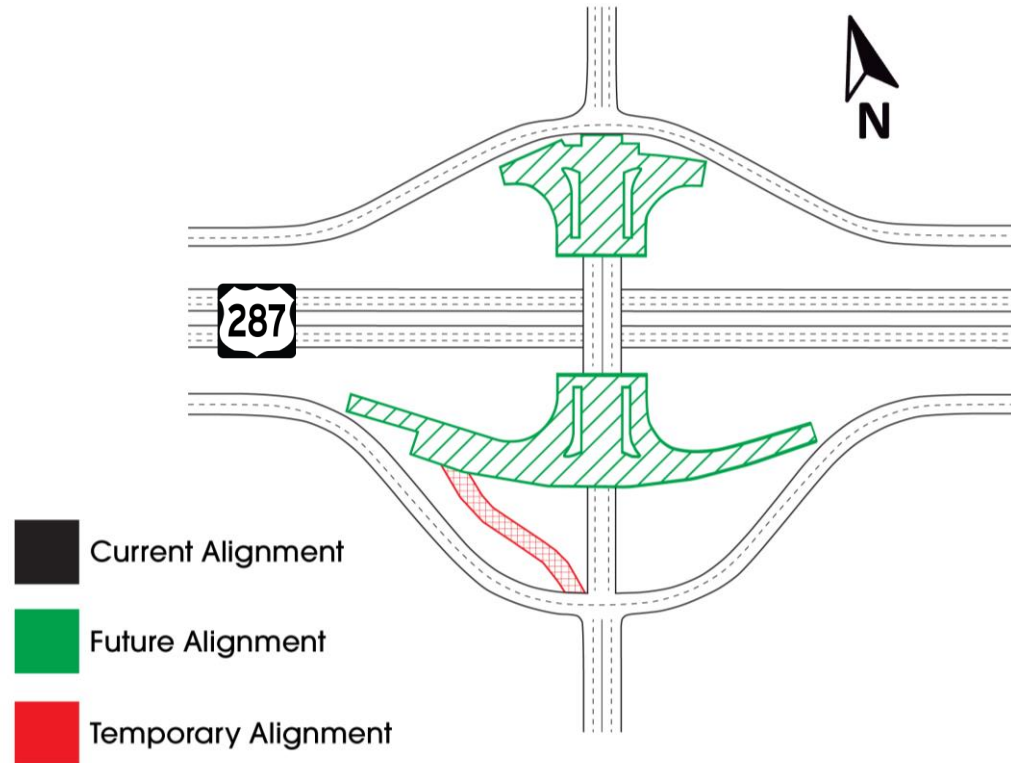
Northbound
Frontage Road



VILLAGE CREEK RD. ALIGNMENT

Early March into Late Summer/Early Fall

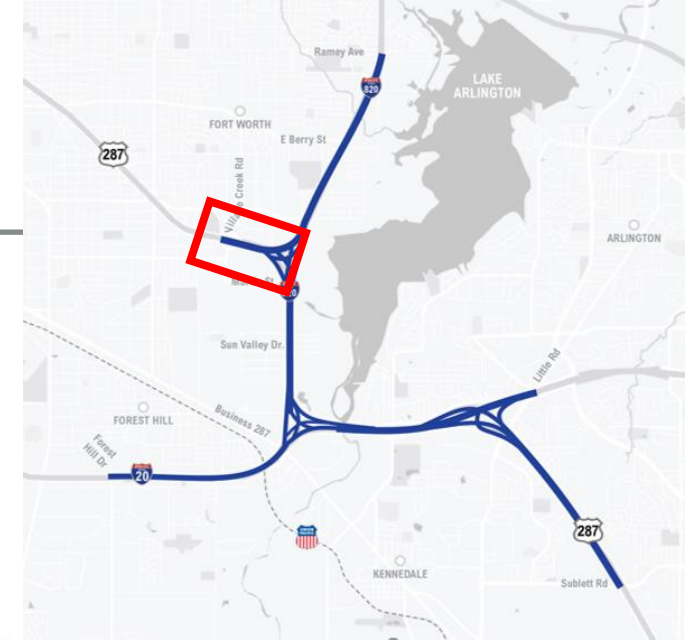
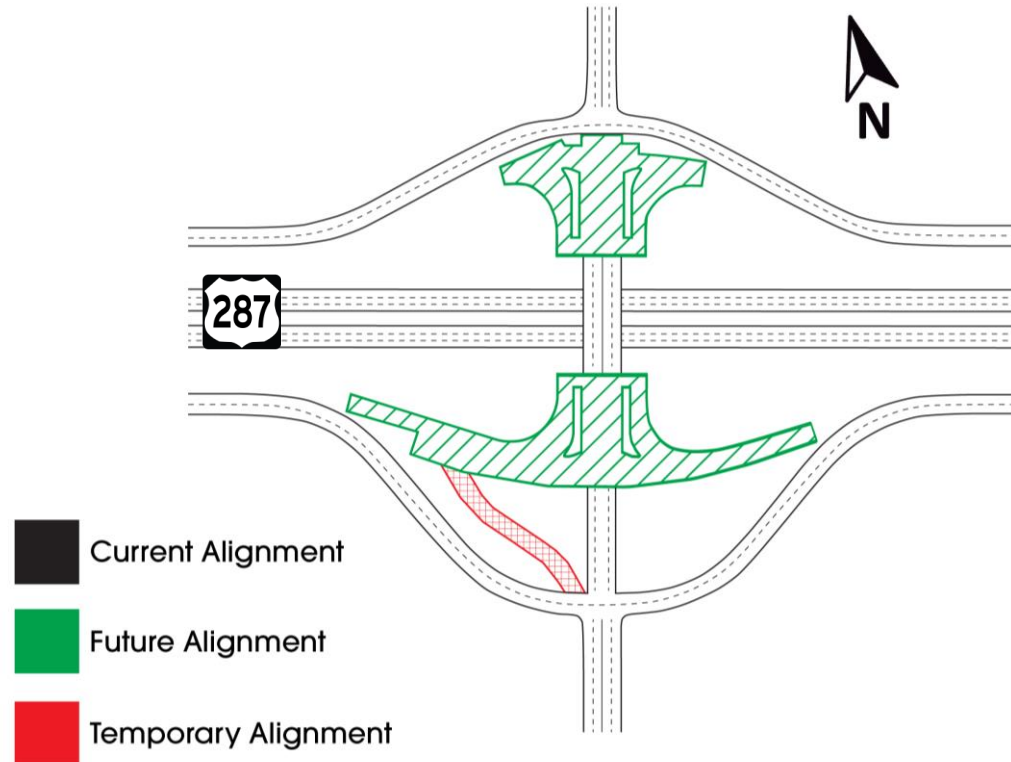
- Maintain mainlanes capacity on US 287 during the day, lane restrictions at night
- Begin reconstruction of Village Creek Rd. intersection and bridge. (Complete reconstruction of intersection to be signaled when complete)
- Build temporary mainlanes, frontage road, walls, barrier and signage
- New frontage road construction from Wilbarger St. to Carey St., and at Martin St., west of I-820



VILLAGE CREEK RD. ALIGNMENT

Late Summer through Late 2023/Early 2024

- Frontage roads reduced to one lane (2 lanes at intersections)
- Begin driveway construction. Alternating driveways or half at a time
- Mainlanes to be constructed in center median, then northbound, then southbound



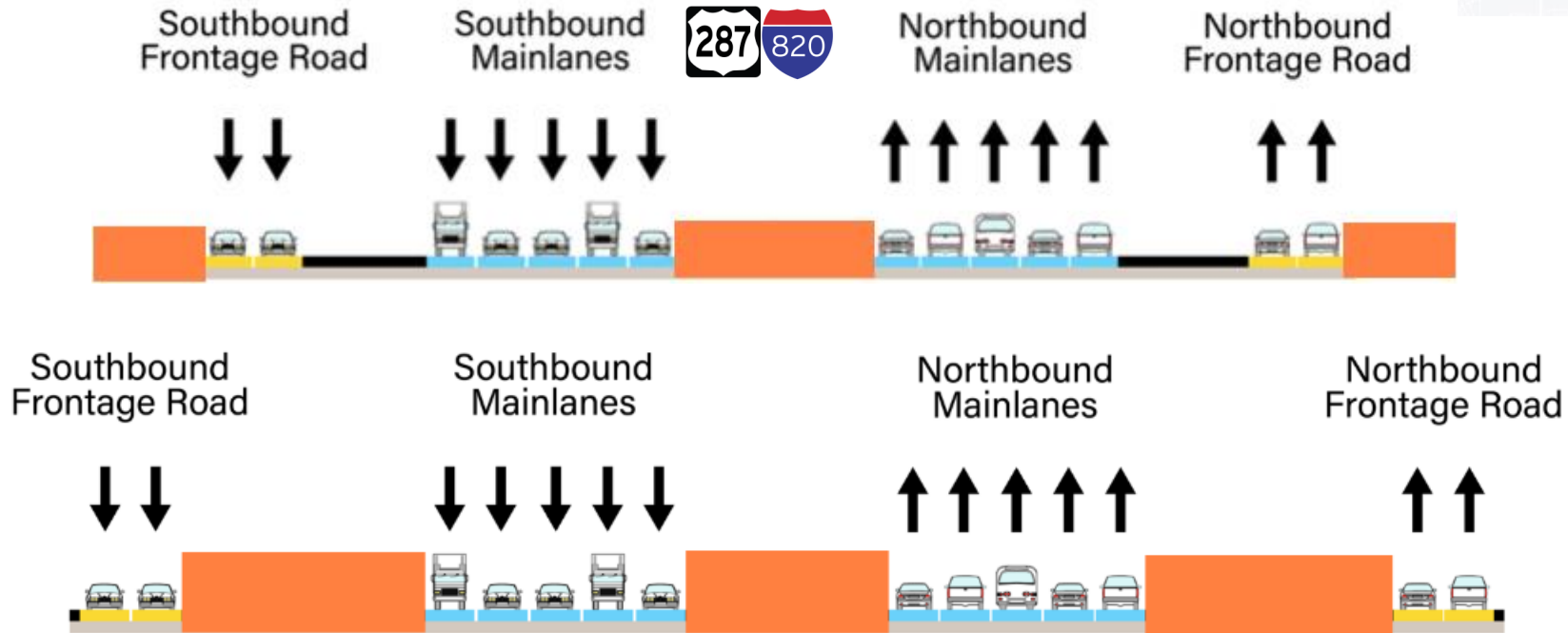
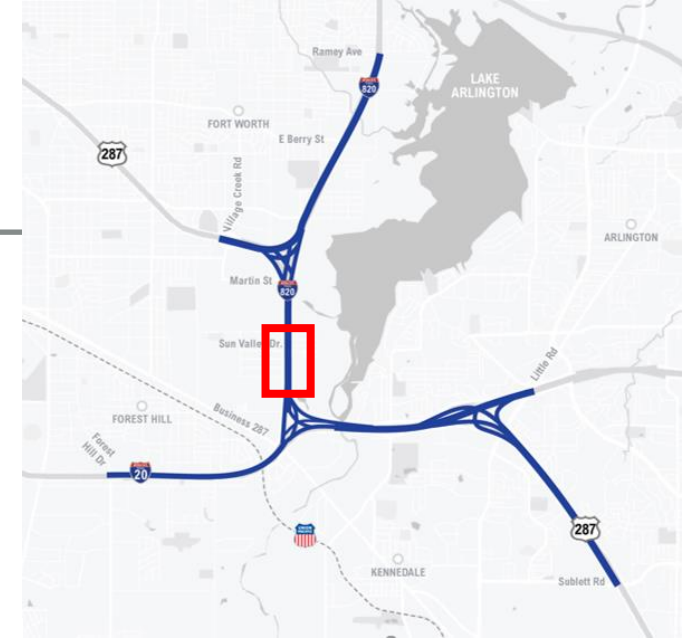
I-820: SUN VALLEY DR. TO I-20

Early March into Late Summer/Early Fall

- Begin rebuilding Sun Valley Dr. frontage roads

Late Summer through Late 2023/Early 2024

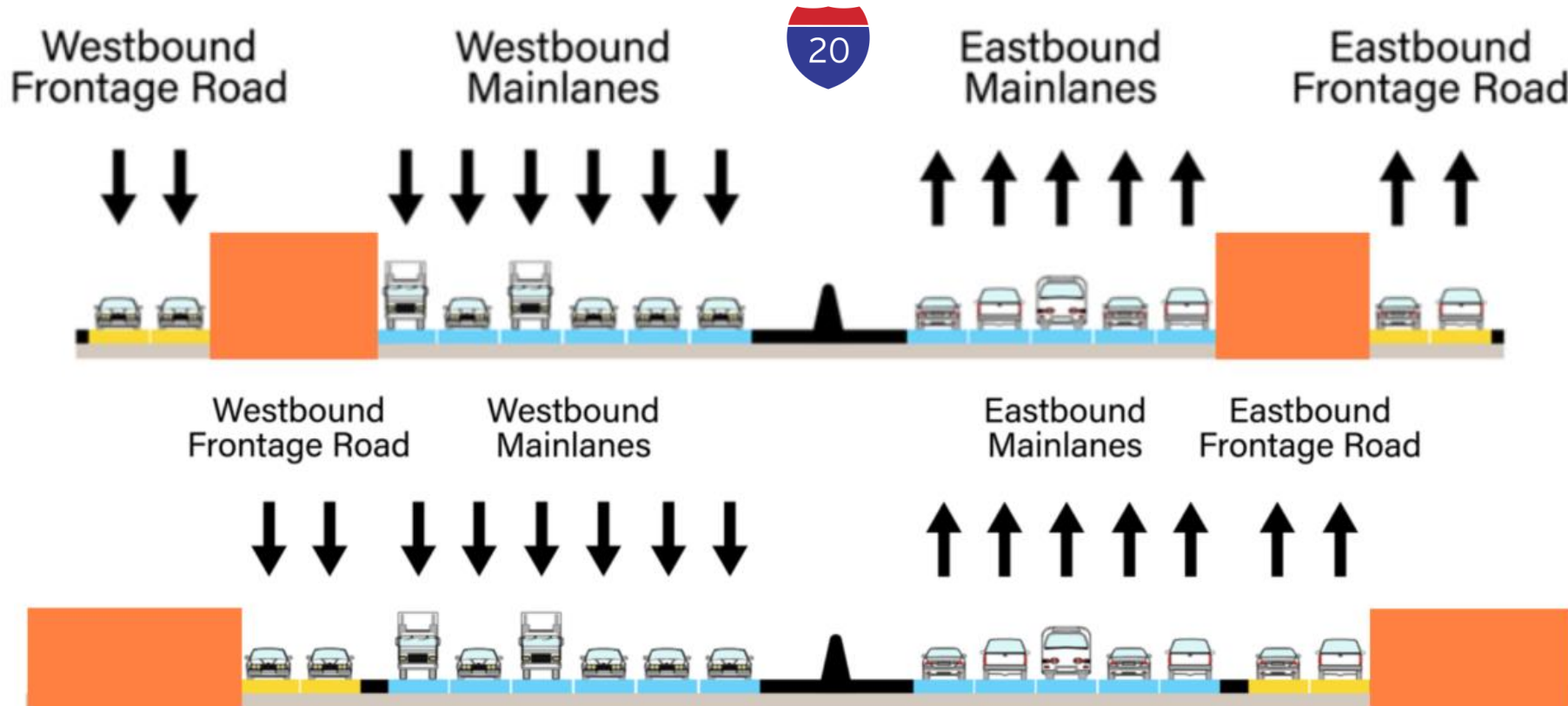
- Continue Sun Valley Dr. frontage road work



I-20: FOREST HILL DR. TO ANGLIN DR.

Majority of 2023

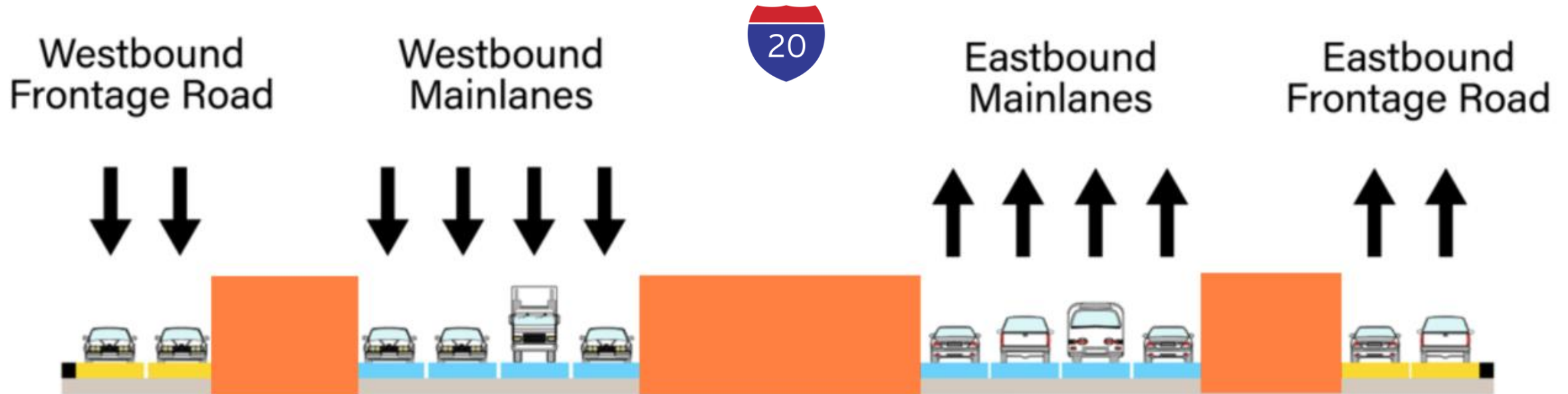
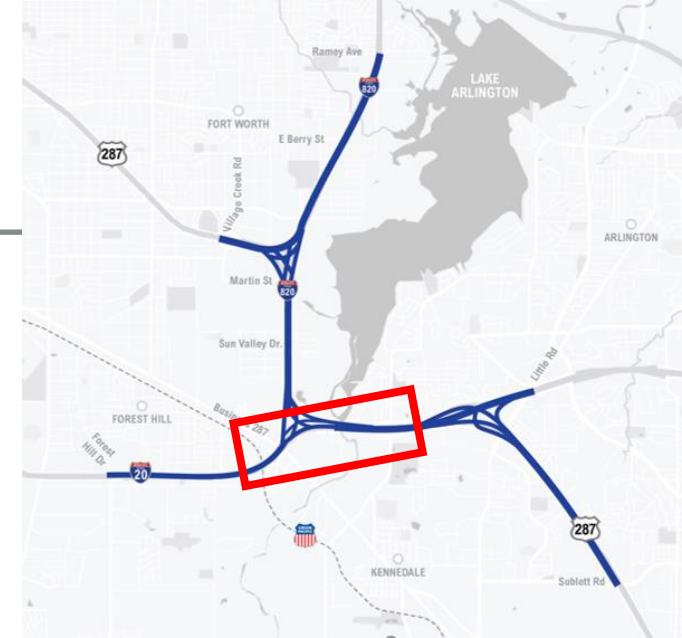
- Begin reconstruction of Hartman Rd. intersection (Not pictured)
- Closure of Hartman Rd. at I-20 (Not pictured)
- Rebuild frontage roads
- Utility relocations



I-20: ANGLIN DR. TO BOWMAN SPRINGS RD.

Early March into Late Summer/Early Fall

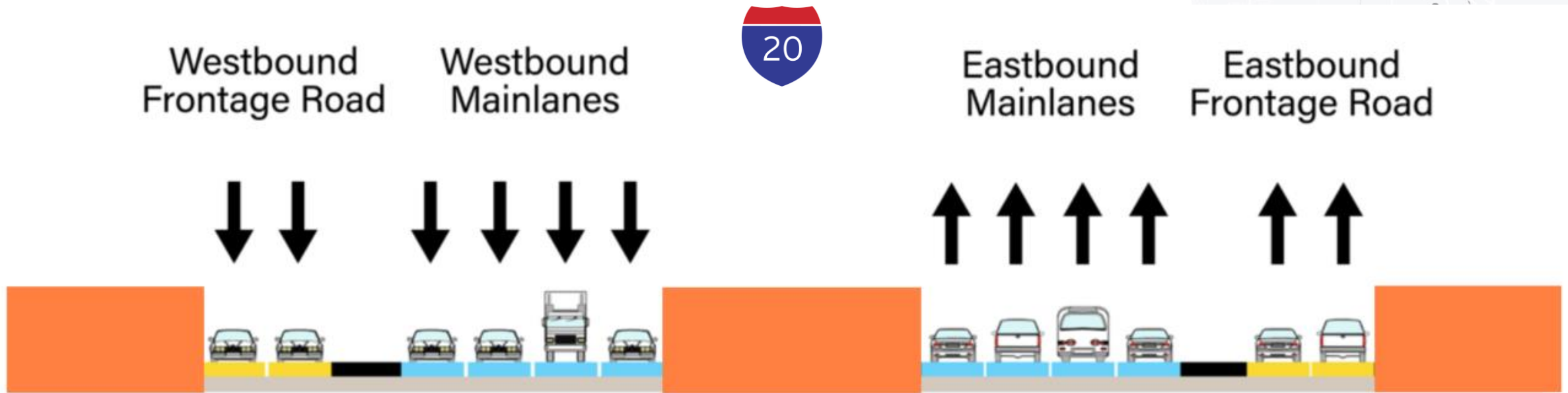
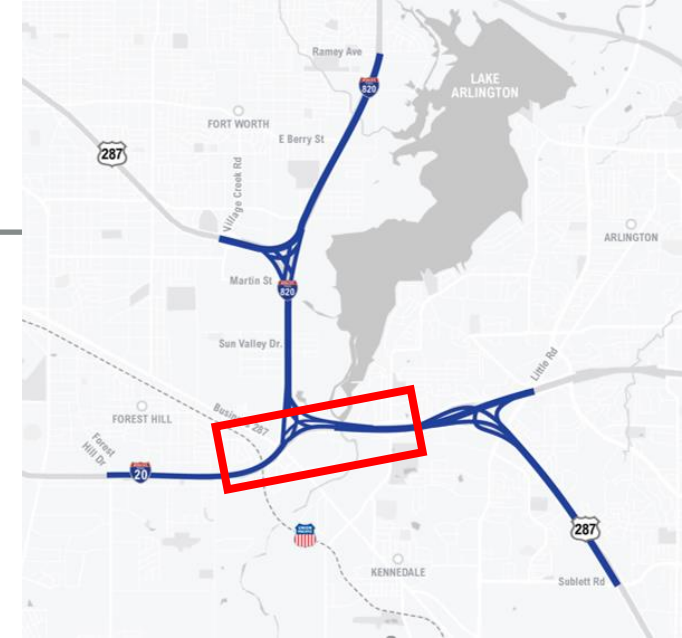
- Begin westbound I-20 bridges in center median
- Begin temporary frontage road pavement and new Bowman Springs Rd. bridge
- Build temporary pavement and widening for Business 287 (Not pictured)



I-20: ANGLIN DR. TO BOWMAN SPRINGS RD.

Late Summer through Late 2023/Early 2024

- Build westbound I-20 frontage roads, frontage road bridges and collector distributor
- Frontage road expansion at Business 287 (Not pictured)



I-20: BOWMAN SPRINGS RD. TO LITTLE RD.

Majority of 2023

- Begin bridge work and temporary pavement in medians
- Utility relocations



US 287: LITTLE RD. TO SUBLETT RD.

- Reconstruct US 287
 - Overlay mainlanes full width
 - Build detours/temporary lanes in medians



Southbound
Frontage Road

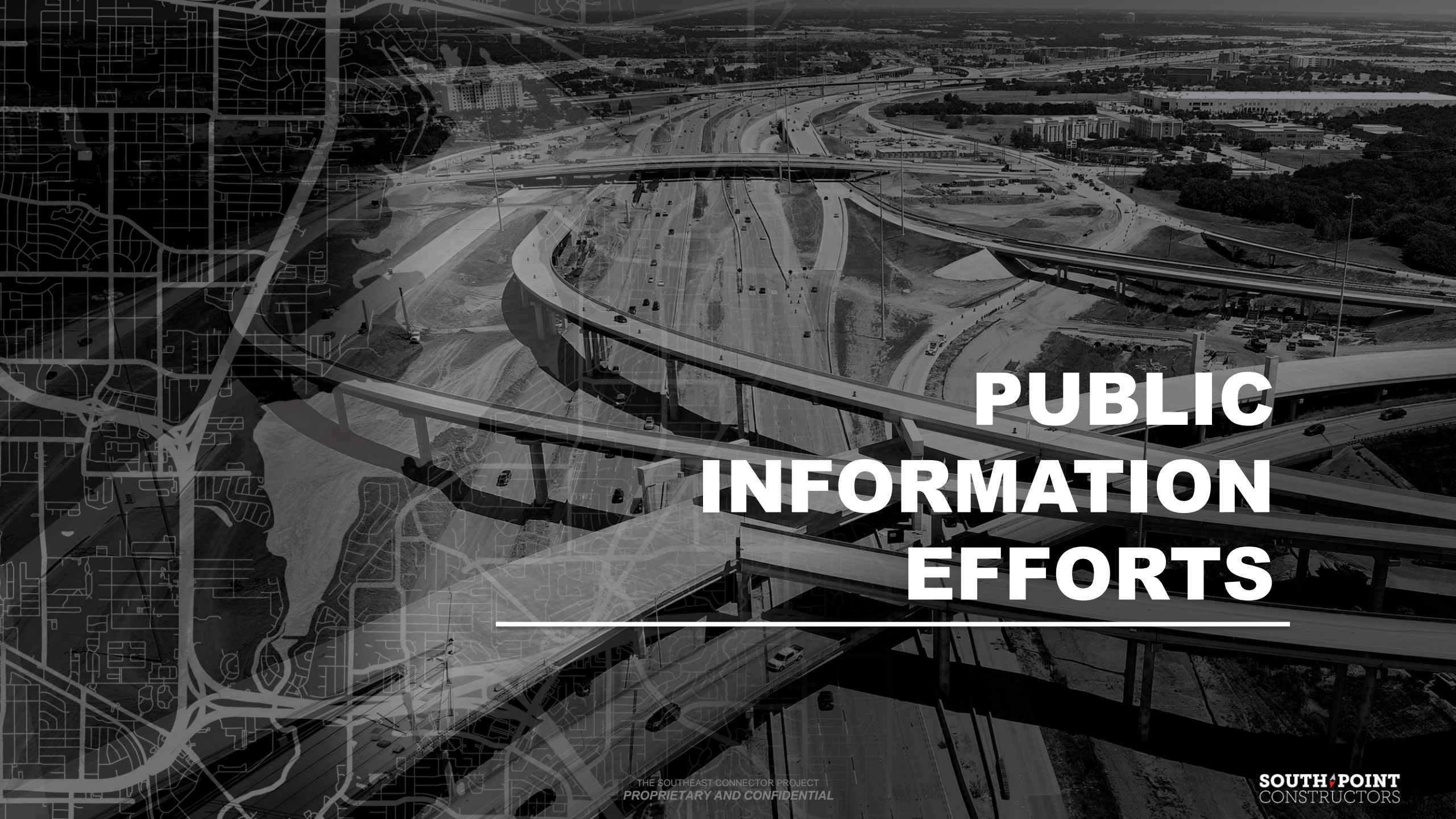
Southbound
Mainlanes



Northbound
Mainlanes

Northbound
Frontage Road





PUBLIC INFORMATION EFFORTS

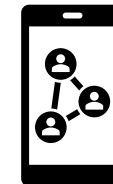
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SOUTH-POINT CONSTRUCTORS PUBLIC INFORMATION SERVICES

How to reach us and stay up to date

- Toll Free Hotline Phone Number: **844-820-2870**
- Project Website: www.southeastconnector.com
- Email: Info@southeastconnector.com
- Twitter: [@SE_Connector](https://twitter.com/SE_Connector)
- Facebook: [@SEConnector](https://www.facebook.com/SEConnector)
- Weekly E-Mail Alerts
- SMS Text Alerts



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CLOSING COMMENTS & QUESTIONS

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- Facebook: [@SEConnector](https://www.facebook.com/SEConnector)
- Weekly E-Mail Alerts
- SMS Text Alerts

