



Midtown Reliability Project

Visual Simulation Package

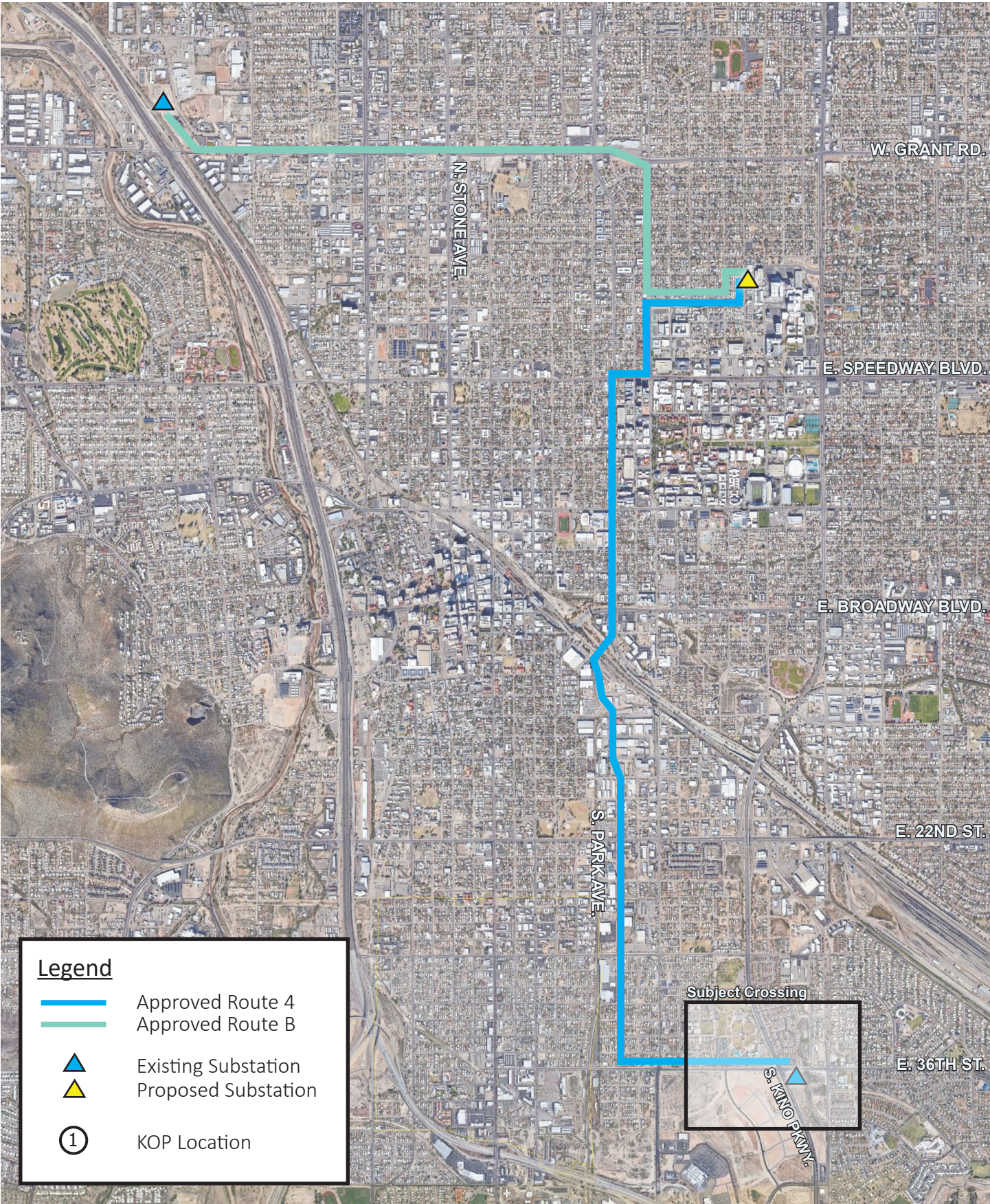
Approved Route 4B

E. 36th St./S. Kino Pkwy.

Prepared By:
Jeremy Palmer | Sole Proprietor

September 30th, 2024

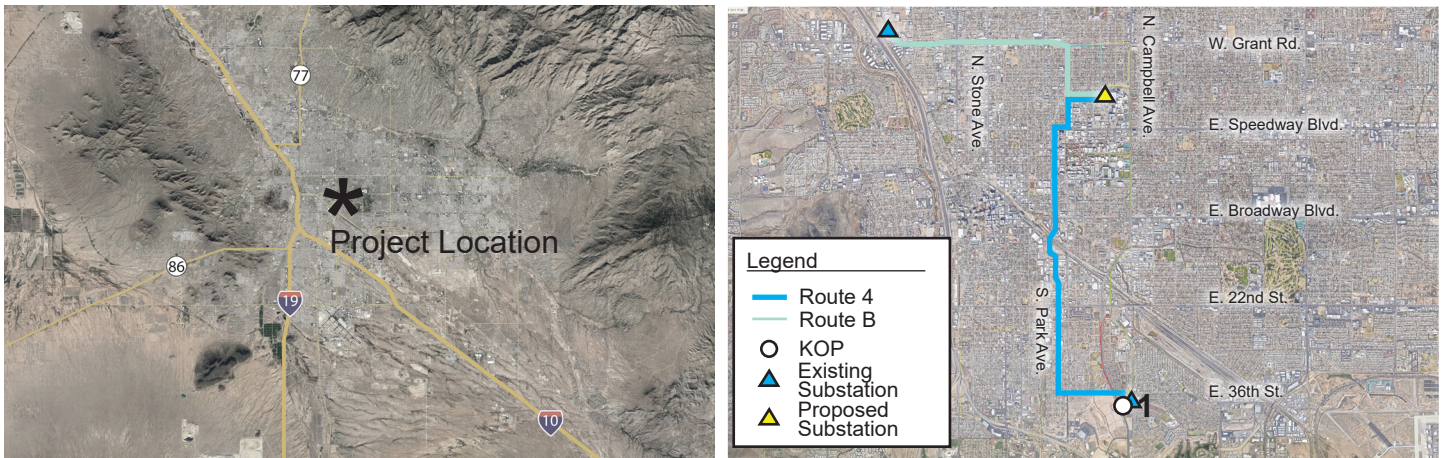
Midtown Reliability Project
Key Observation Point (KOP) - Key Map



Midtown Reliability Project
Key Observation Point (KOP) - Key Map



Key Observation Point (KOP) # 1



Notes:

Camera Information

- Type: Canon EOS RP
- Sensor: CMOS (Full-Frame) 35.9mm x 24mm
- Lens: Canon RF 24-105mm f/4-7.1 IS STM
- Focal Length: 50mm | F-Stop: f/10 | ISO:100
- Dimensions in pixel: 6240 x 4160

KOP

- Representative View for: residents and church visitors
- Location: 2791 S. Kino Pkwy
- Latitude: 32°11'18.46"N; Longitude: 110°56'41.90"W
- View Point Elevation at Eye Level: 2,479 ft.
- Looking: northwest
- Poles Visible: Alternative 4 structures
- Image File Name: IMG_4503.JPG

Simulation Notes

- Photo Taken: September 21, 2024 at 1:17 pm
- The image is based on a single photo and represent approximately 39.5 degree horizontal field of view.
- This view is approximately 1,472 feet south of the nearest pole represented in the simulation.
- The simulation is based on the best information available and is preliminary. Final alignment and structure locations are subject to change based on final engineering and other factors.

Key Observation Point (KOP) #1



Current Condition



Simulated Condition

Route 4 - Weathered Finish

Key Observation Point (KOP) # 2



Notes:

Camera Information

- Type: Canon EOS RP
- Sensor: CMOS (Full-Frame) 35.9mm x 24mm
- Lens: Canon RF 24-105mm f/4-7.1 IS STM
- Focal Length: 24mm | F-Stop: f/9 | ISO:100
- Dimensions in pixel: 6240 x 4160

KOP

- Representative View for: residents and commercial traffic
- Location: 2631 S. Kino Pkwy
- Latitude: 32°11'29.87"N; Longitude:110°56'47.59"W
- View Point Elevation at Eye Level: 2,484 ft.
- Looking: northwest
- Poles Visible: Alternative 4 structures
- Image File Name: IMG_4530.JPG

Simulation Notes

- Photo Taken: September 21, 2024 at 1:29 pm
- The image is based on a single photo and represent approximately 73.7 degree horizontal field of view.
- This view is approximately 204 feet south of the nearest pole represented in the simulation.
- The simulation is based on the best information available and is preliminary. Final alignment and structure locations are subject to change based on final engineering and other factors.

Key Observation Point (KOP) #2



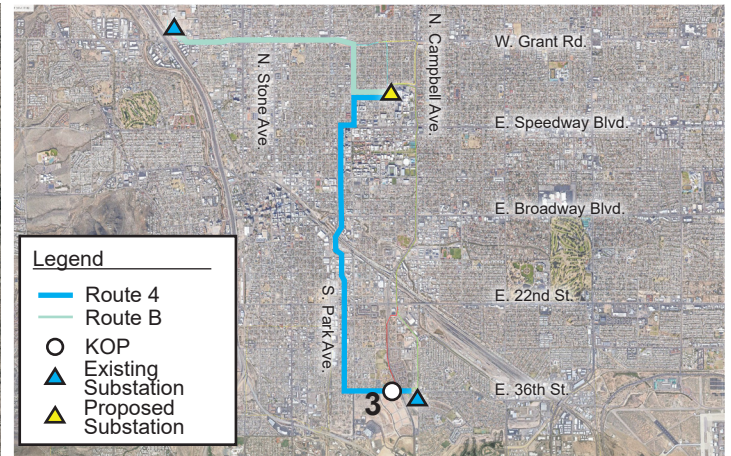
Current Condition



Simulated Condition

Route 4 - Weathered Finish

Key Observation Point (KOP) # 3



Notes:

Camera Information

- Type: Canon EOS RP
- Sensor: CMOS (Full-Frame) 35.9mm x 24mm
- Lens: Canon RF 24-105mm f/4-7.1 IS STM
- Focal Length: 24mm | F-Stop: f/9 | ISO:100
- Dimensions in pixel: 6240 x 4160

KOP

- Representative View for: residents and commercial traffic
- Location: 1526 E. 36th St.
- Latitude: 32°11'32.21"N; Longitude:110°56'53.63"W
- View Point Elevation at Eye Level: 2,476 ft.
- Looking: east
- Poles Visible: Alternative 4 structures
- Image File Name: IMG_4505.JPG

Simulation Notes

- Photo Taken: September 21, 2024 at 1:23 pm
- The image is based on a single photo and represent approximately 73.7 degree horizontal field of view.
- This view is approximately 550 feet west of the nearest pole represented in the simulation.
- The simulation is based on the best information available and is preliminary. Final alignment and structure locations are subject to change based on final engineering and other factors.

Key Observation Point (KOP) #3



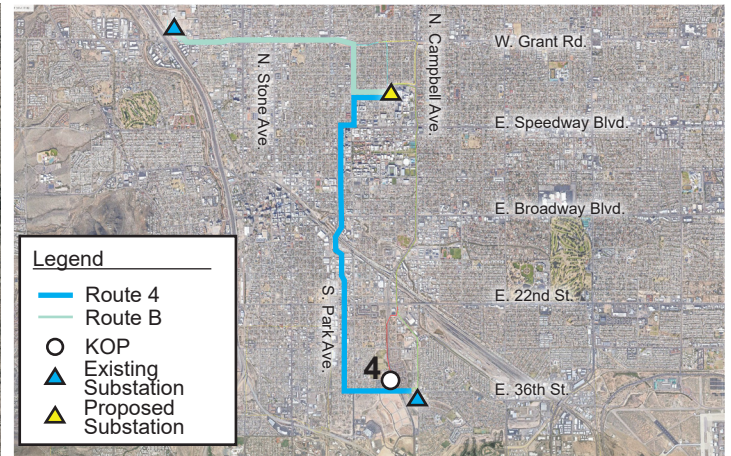
Current Condition



Simulated Condition

Route 4 - Weathered Finish

Key Observation Point (KOP) # 4



Notes:

Camera Information

- Type: Canon EOS RP
- Sensor: CMOS (Full-Frame) 35.9mm x 24mm
- Lens: Canon RF 24-105mm f/4-7.1 IS STM
- Focal Length: 24mm | F-Stop: f/5.6 | ISO:100
- Dimensions in pixel: 6240 x 4160

KOP

- Representative View for: residents and commercial traffic
- Location: 1585 S. Kino Blvd.
- Latitude: 32°11'35.45"N; Longitude:110°56'51.76"W
- View Point Elevation at Eye Level: 2,482 ft.
- Looking: southeast
- Poles Visible: Alternative 4 structures
- Image File Name: IMG_4538.JPG

Simulation Notes

- Photo Taken: September 21, 2024 at 1:36 pm
- The image is based on a single photo and represent approximately 73.7 degree horizontal field of view.
- This view is approximately 371 feet northwest of the nearest pole represented in the simulation.
- The simulation is based on the best information available and is preliminary. Final alignment and structure locations are subject to change based on final engineering and other factors.

Key Observation Point (KOP) #4



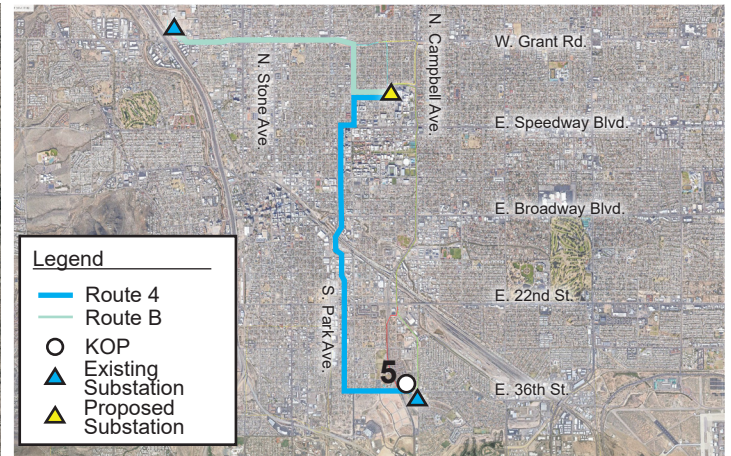
Current Condition



Simulated Condition

Route 4 - Weathered Finish

Key Observation Point (KOP) # 5



Notes:

Camera Information

- Type: Canon EOS RP
- Sensor: CMOS (Full-Frame) 35.9mm x 24mm
- Lens: Canon RF 24-105mm f/4-7.1 IS STM
- Focal Length: 35mm | F-Stop: f/10 | ISO:100
- Dimensions in pixel: 6240 x 4160

KOP

- Representative View for: residents and commercial traffic
- Location: 1715 E. 36th St.
- Latitude: 32°11'33.04"N; Longitude:110°56'46.04"W
- View Point Elevation at Eye Level: 2,478 ft.
- Looking: west
- Poles Visible: Alternative 4 structures
- Image File Name: IMG_4535.JPG

Simulation Notes

- Photo Taken: September 21, 2024 at 1:32 pm
- The image is based on a single photo and represent approximately 54 degree horizontal field of view.
- This view is approximately 160 feet northeast of the nearest pole represented in the simulation.
- The simulation is based on the best information available and is preliminary. Final alignment and structure locations are subject to change based on final engineering and other factors.

Key Observation Point (KOP) #5



Current Condition



Simulated Condition

Route 4 - Weathered Finish