



City of Oklahoma City

**Project M4-TK011 MAPS 4 Bike Lanes,**

**Phase 1B**

Preliminary Report Presentation

March 2024

**MAPS 4**



# Phase 1B Summary

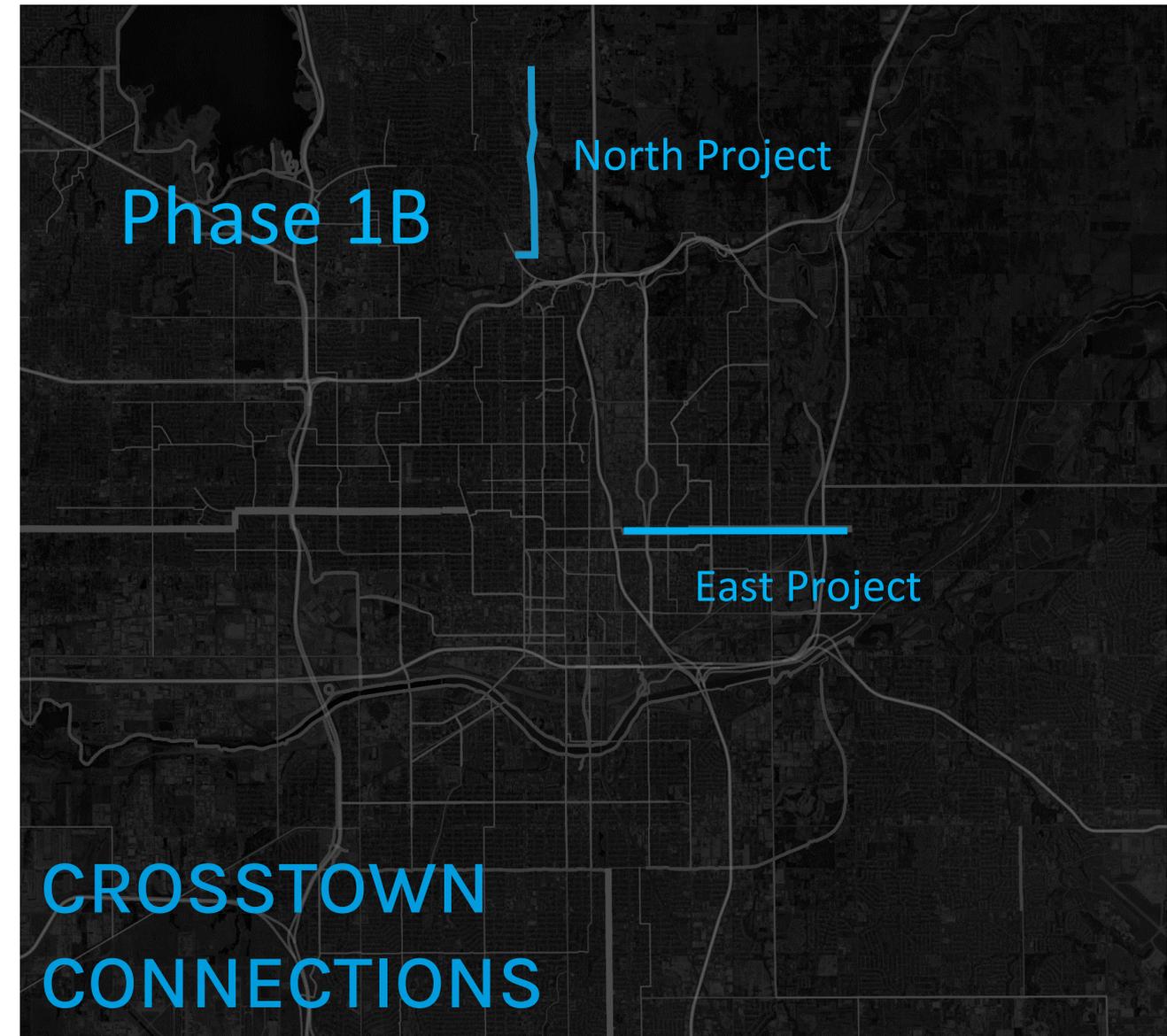
## Phase 1B

### Classen Boulevard

- Grand Boulevard to Britton Road
- 2.6 miles

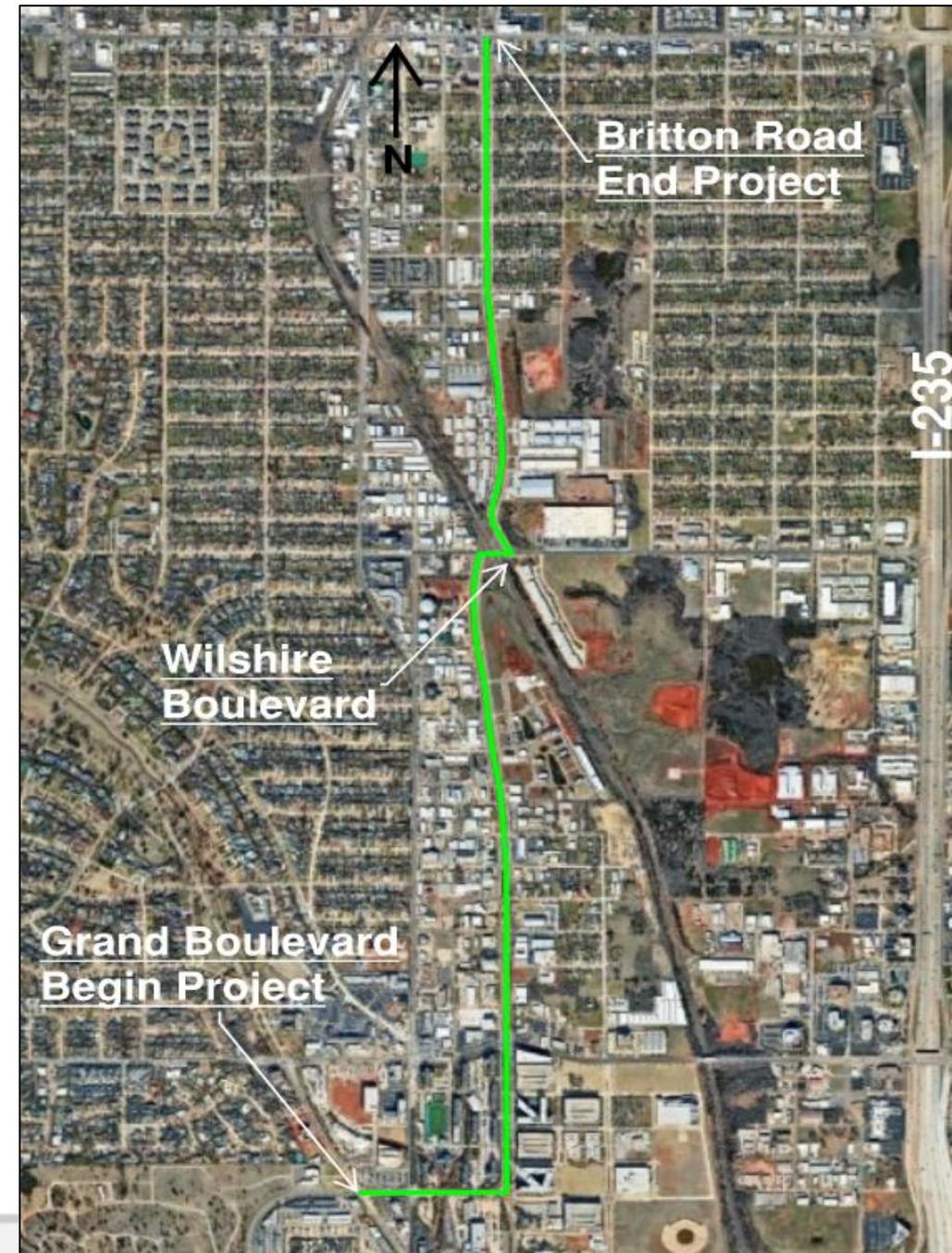
### NE 16th Street

- Walnut Avenue to Bryant Avenue
- 2.8 miles



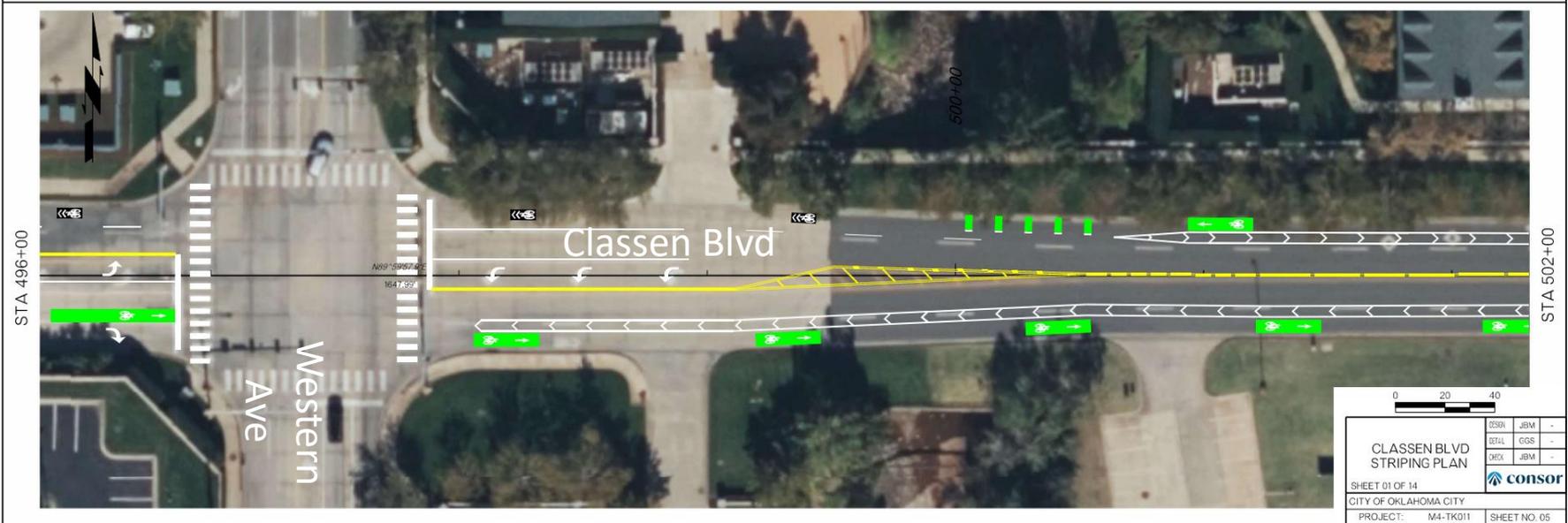
# Classen Blvd Existing Conditions

- 4-lane roadway w/left turn lanes
  - Grand Blvd to NW 59<sup>th</sup> St
- Roundabout at NW 59<sup>th</sup> St
- 4-lane divided roadway
  - NW 59<sup>th</sup> St to Britton Rd
- Transition along Wilshire Blvd
  - At-grade railroad crossing
- Pavement condition
  - Fair to good
  - Localized failures

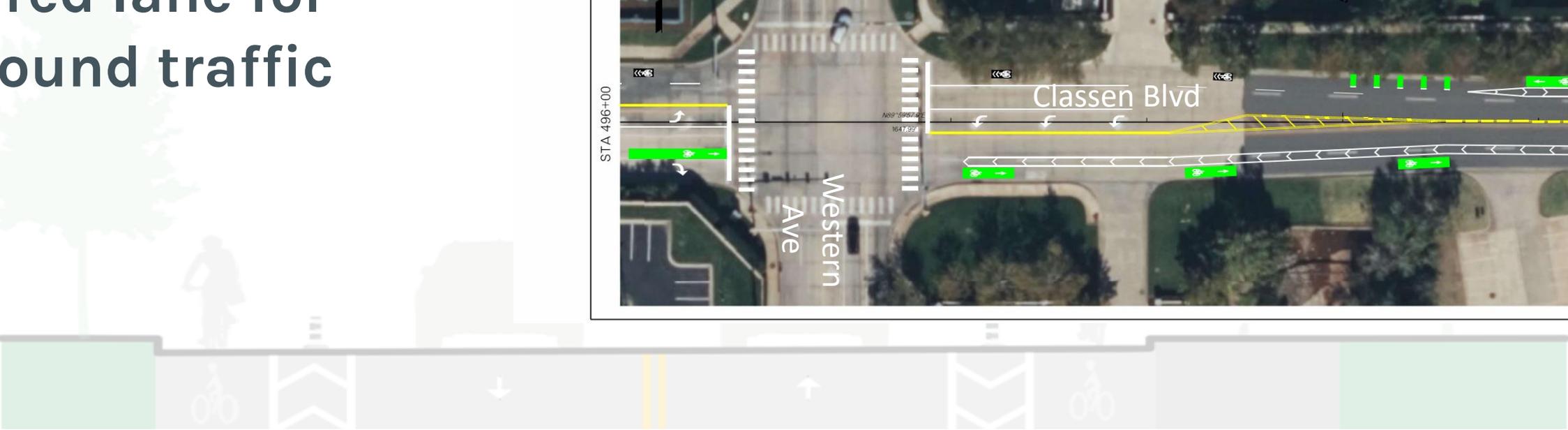


# Classen Boulevard Bike Facilities

- Begin at Grand Blvd
- Revise lanes from 4-lane to 2-lane
- Requires right only turn lane eastbound
- Transition from bike lane to shared lane for westbound traffic

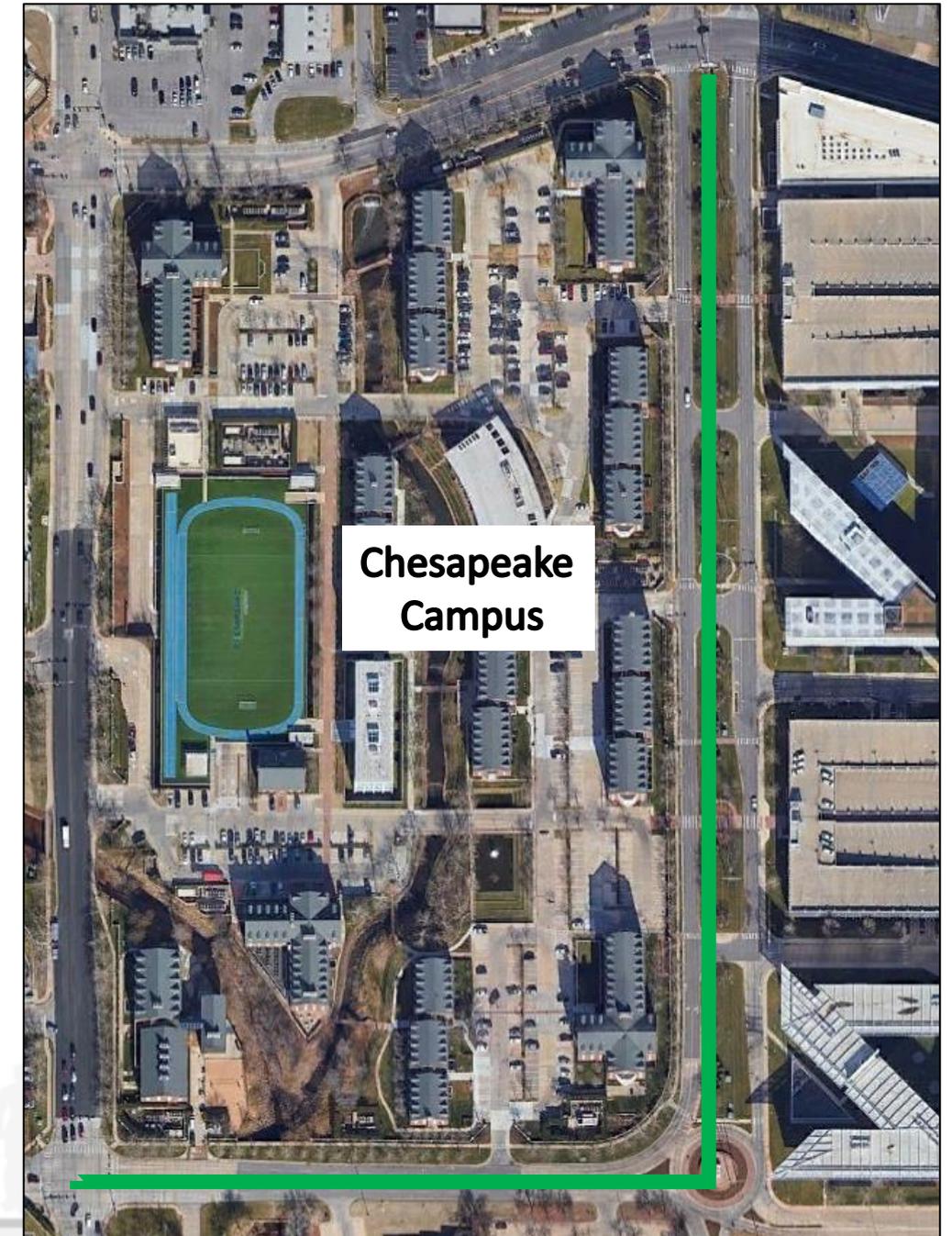
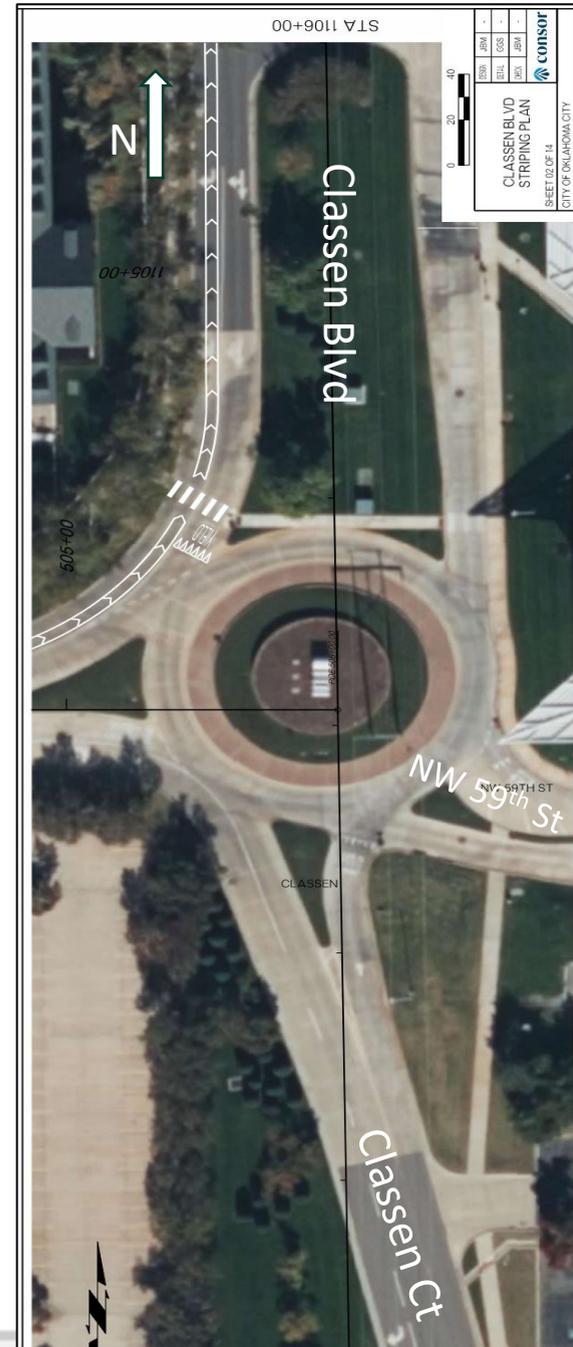


CLASSEN BLVD STRIPING PLAN		DESIGN	JBM	-
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CITY OF OKLAHOMA CITY		CHECKED	JBM	-
PROJECT: M4-TK011				
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# Classen Boulevard Bike Facilities

- Roundabout at NW 59<sup>th</sup> St
- No bicycle markings are allowed in a roundabout
  - MUTCD requirement
- Southbound bike lanes allowed
  - Lanes never enter the roundabout
- Traverses Chesapeake Campus

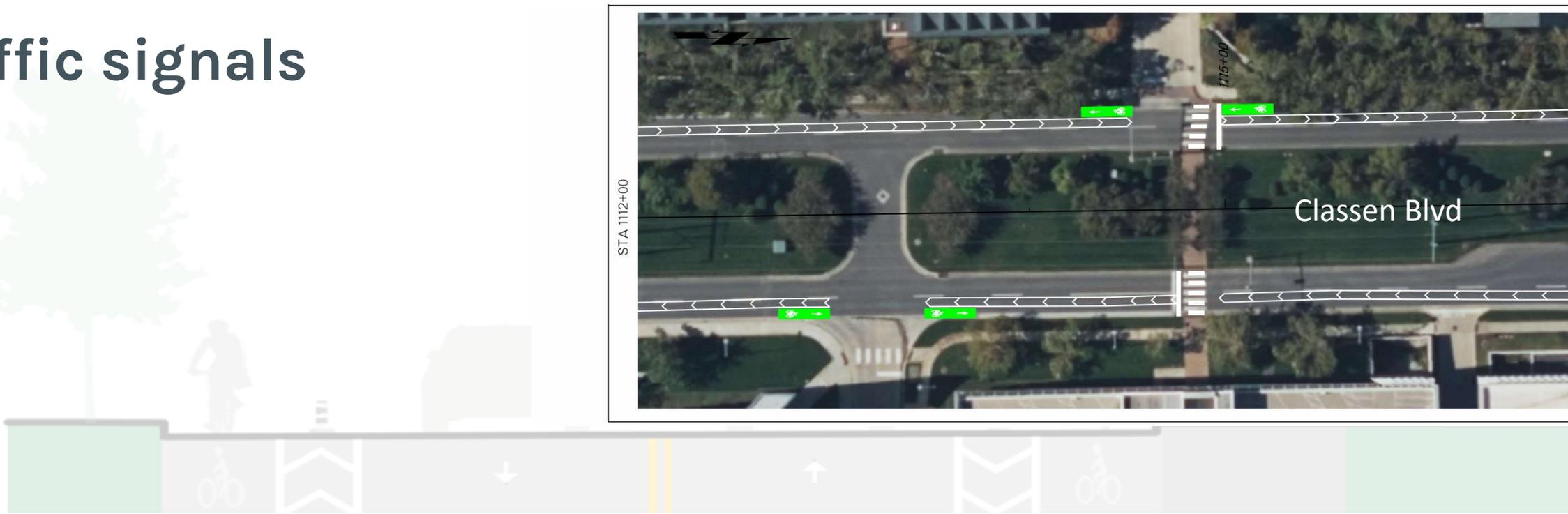


# Classen Boulevard Bike Facilities

- NW 59<sup>th</sup> St to NW 63<sup>rd</sup> St
- Roadway divided by 60-foot center median
- 3 traffic signals

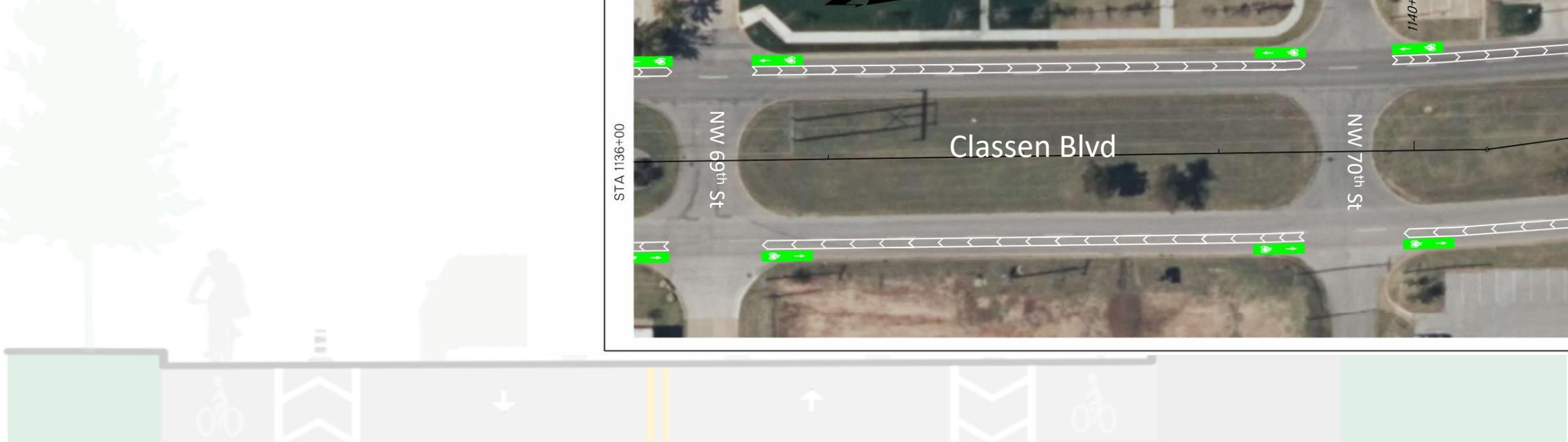
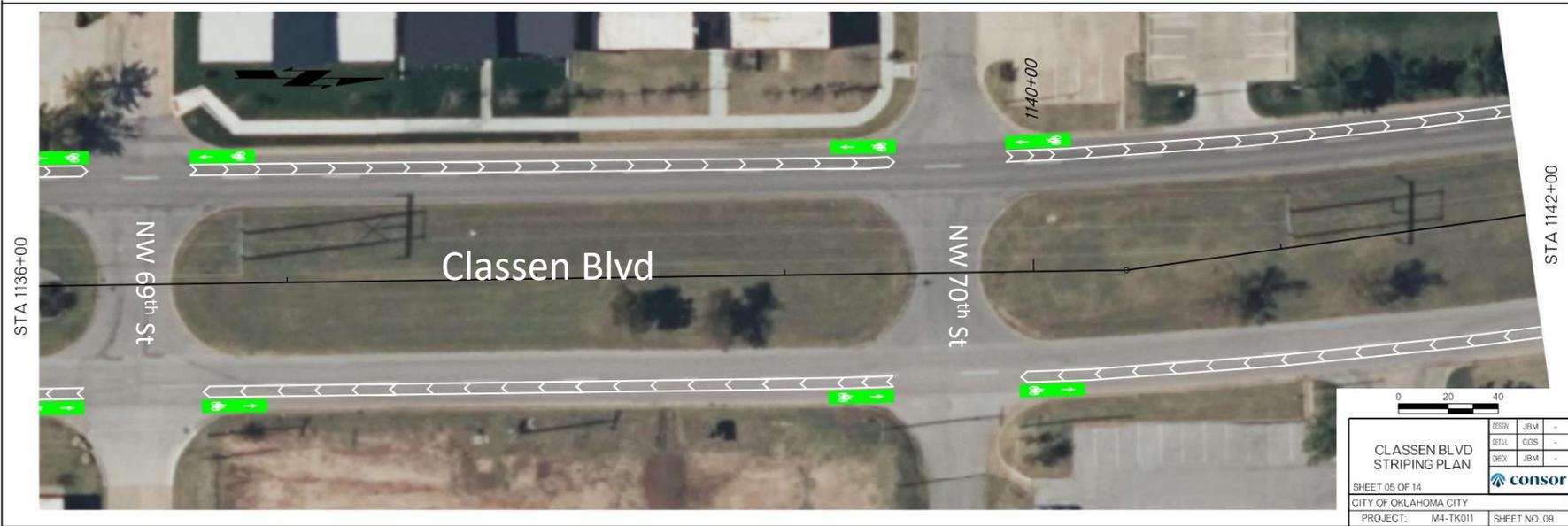


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CITY OF OKLAHOMA CITY		
PROJECT:	M4-TK011	SHEET NO. 07



# Classen Boulevard Bike Facilities

- NW 63<sup>rd</sup> St to Britton Rd
- 4-lane divided
- 6-foot protected bike lane
- No traffic signals
- Transition at Wilshire Blvd



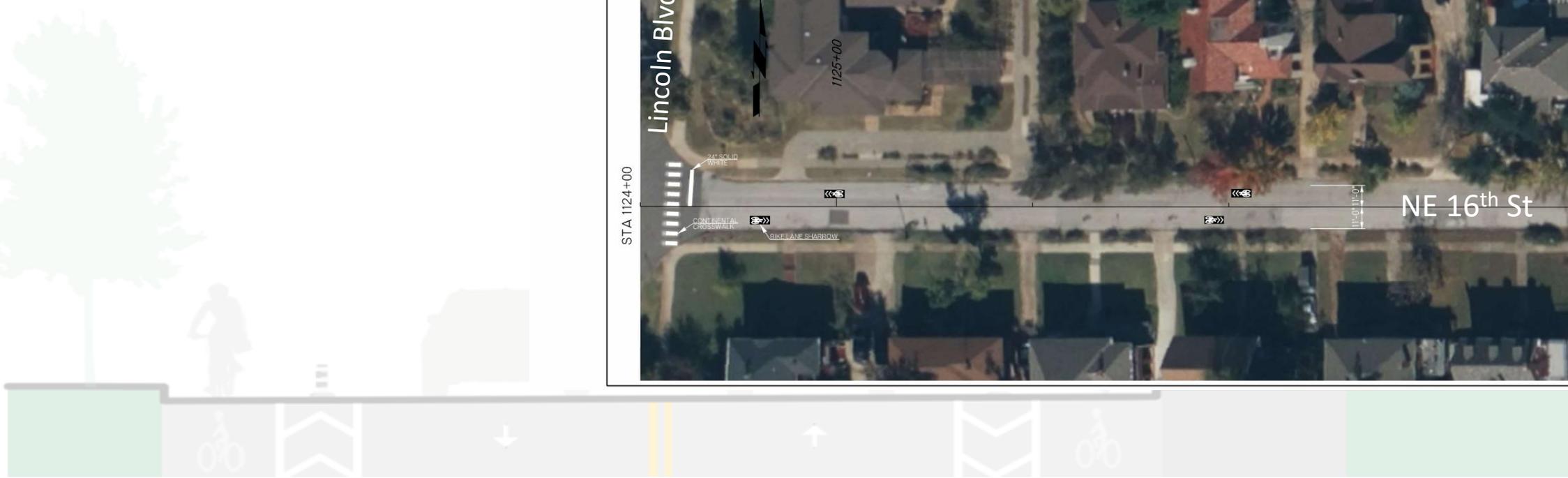
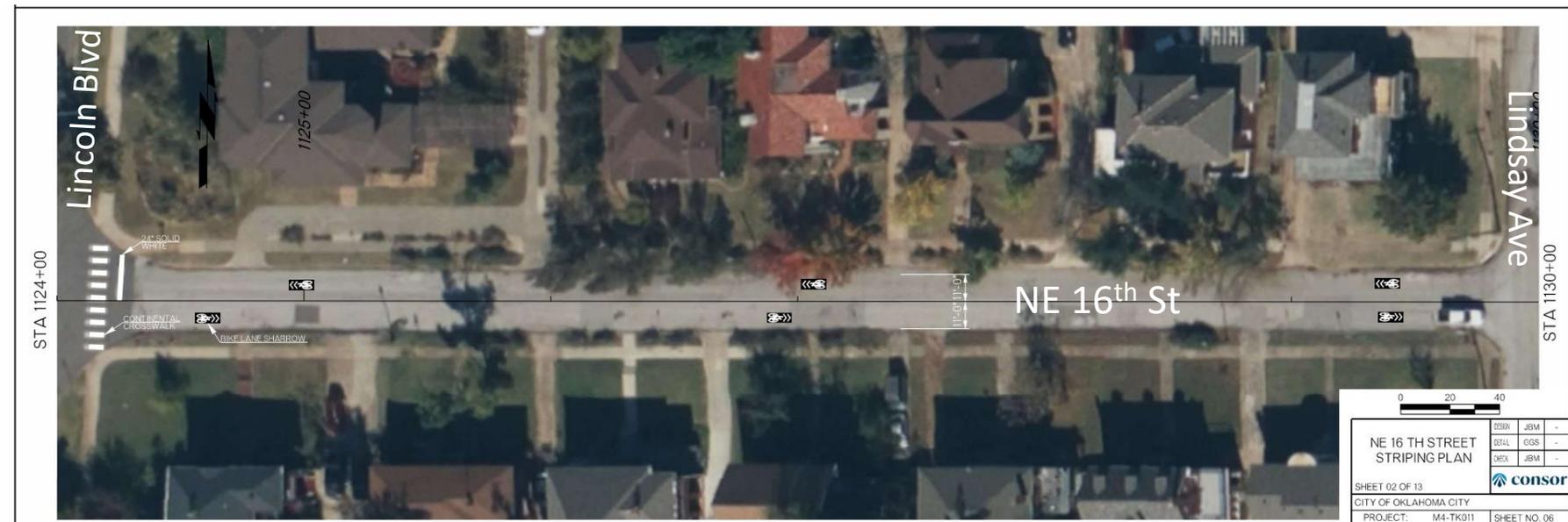
# NE 16<sup>th</sup> St Existing Conditions

- 2-lane roadway
  - Walnut Ave to Lottie Ave
  - MLK to Bryant Ave
- NE 16<sup>th</sup> shifts north at Kelley Ave
- Median crosses NE 16<sup>th</sup> St
  - Lindsay Ave
- 3-lane roadway with center turn lane
  - Lottie Ave to MLK
- Pavement condition
  - Fair to good
  - Localized failures
- Crosses Katy Trail



# NE 16<sup>th</sup> Street Bike Facilities

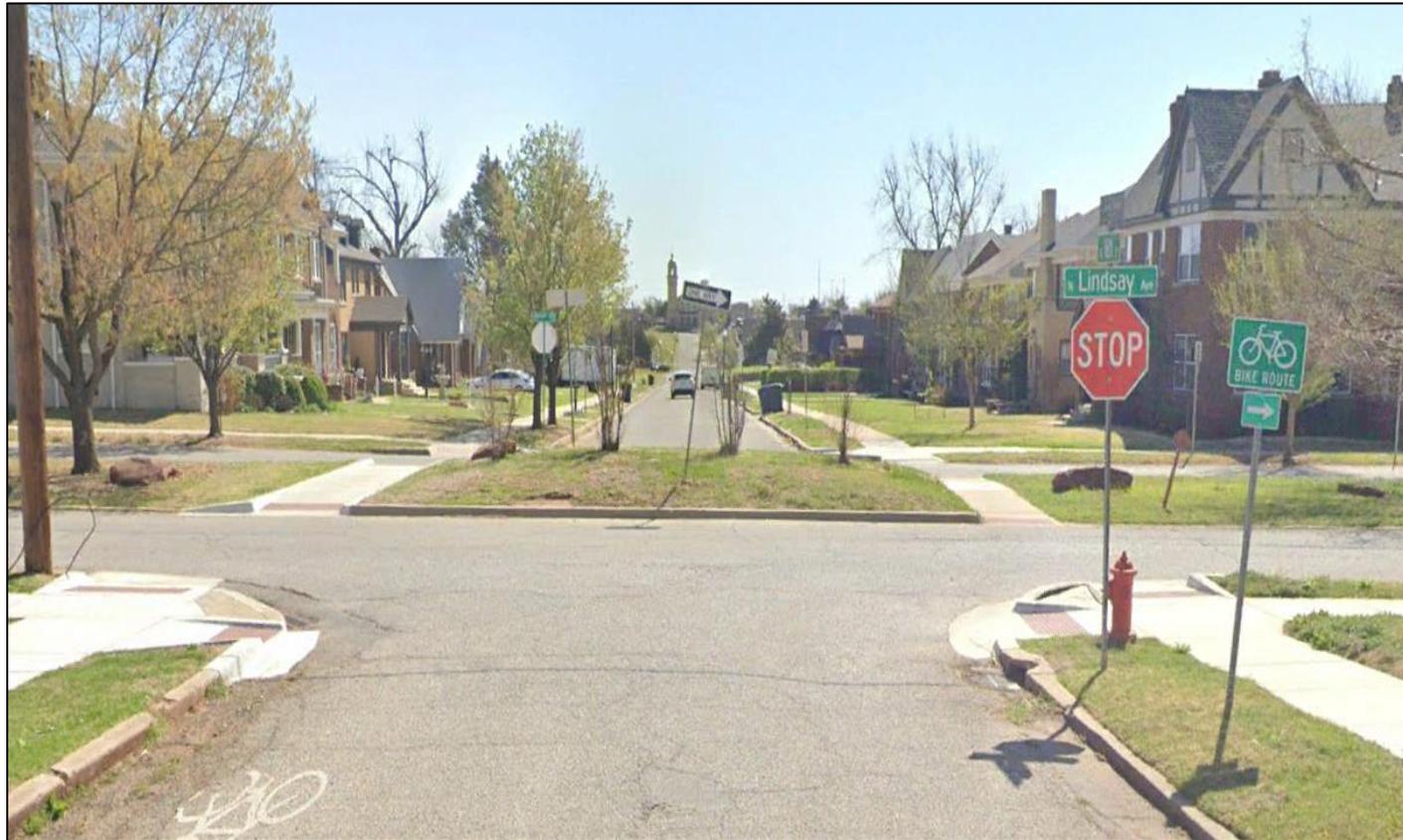
- Walnut Ave to Lottie Ave
- 2-lane roadway
  - 25 feet wide
- Parking restrictions vary



# NE 16<sup>th</sup> Street Bike Facilities

## Lindsay Avenue Intersection

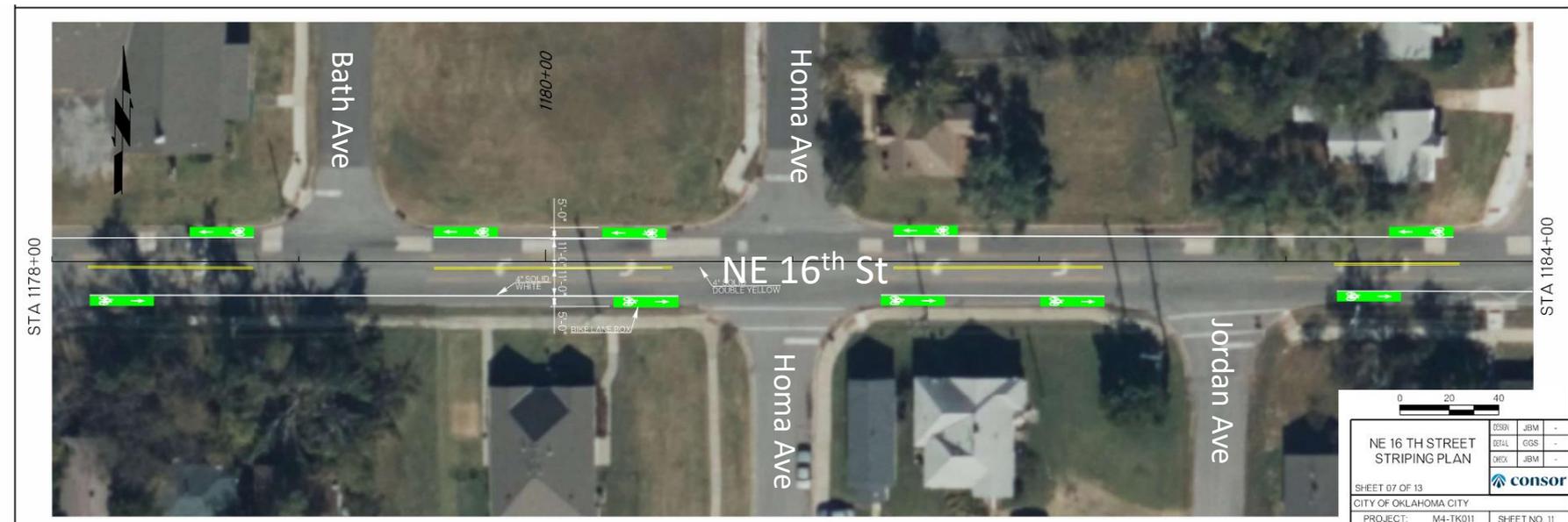
- Construct 8-foot-wide paths
- Add supplemental signage



# NE 16<sup>th</sup> Street Bike Facilities

## Lottie Ave to Martin Luther King Ave

- 3-lane roadway
- Center left turn lane
- 32-feet wide
- Tier II 5-foot bike lanes



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# NE 16<sup>th</sup> Street Bike Facilities

## Martin Luther King Ave to Bryant Ave

- 2-lane roadway
- Connects to Katy Trail and Tier III facility at Bryant Ave



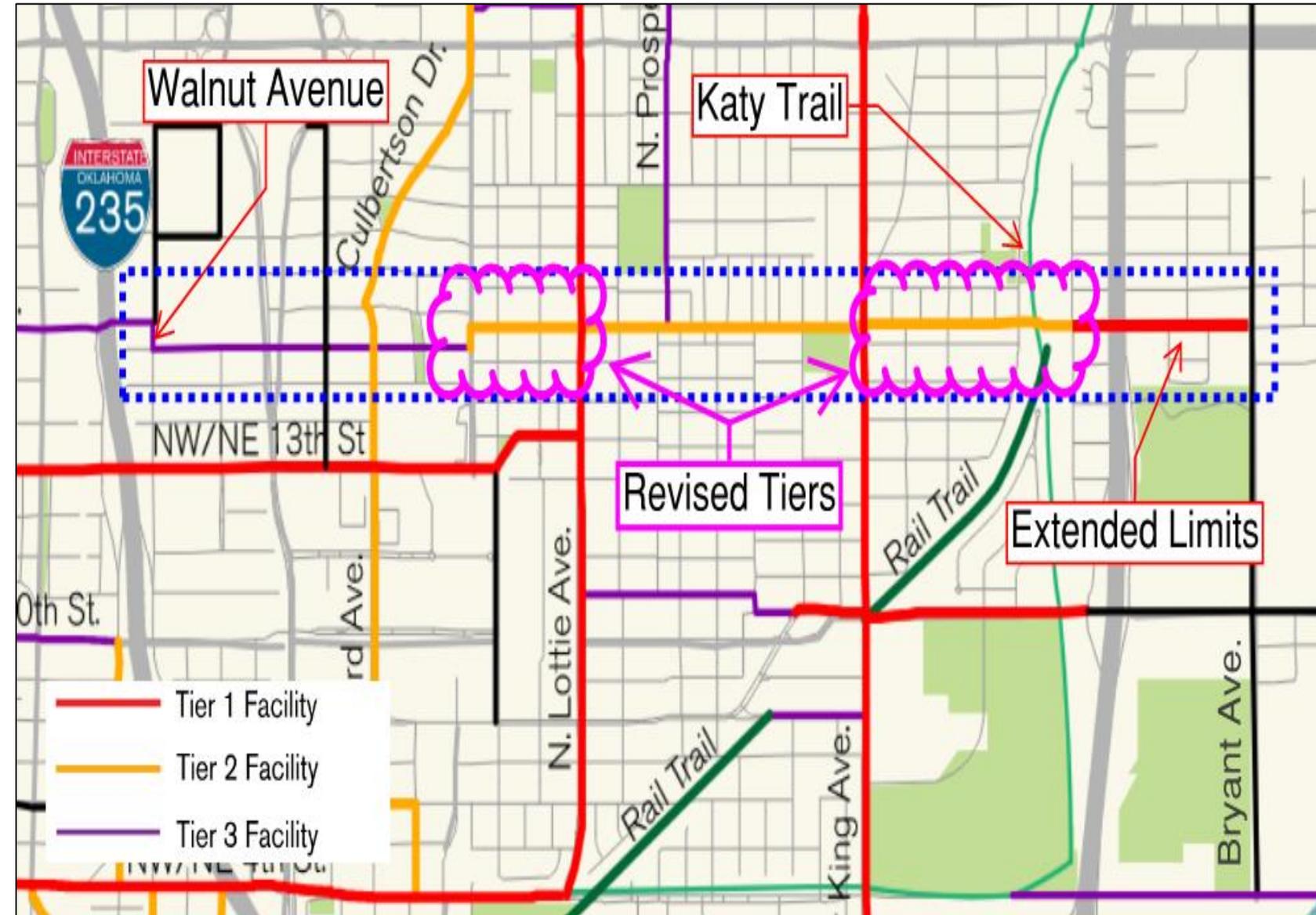
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CITY OF OKLAHOMA CITY		
PROJECT:	M4-TK011	SHEET NO. 15



# NE 16<sup>th</sup> Street Bike Facilities

## Revised Tiers and Limits

- Proposed Tiers are too narrow
  - Less than 30-feet
- Revised to Tier III facility
- Project extended to Bryant Ave from Katy Trail
- Additional ½ mile of Tier III



# Budget and Construction Costs

Phase 1B Construction Budget **\$3,541,600**

## Engineer's Estimate (Classen Boulevard)

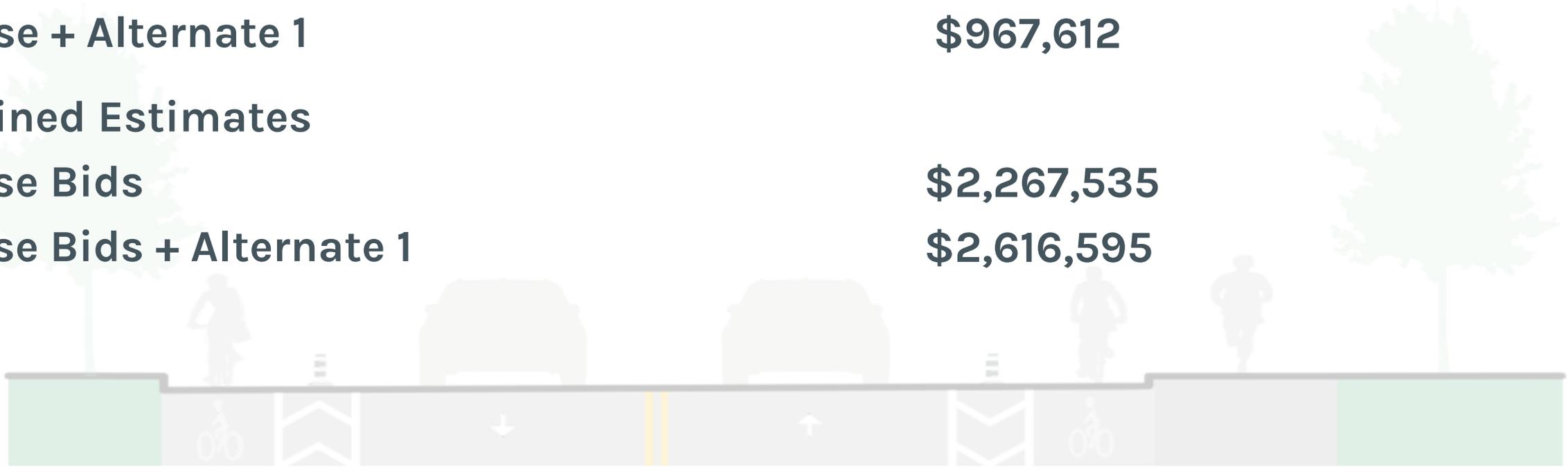
- Base Bid **\$1,648,983**

## Engineer's Estimate (NE 16<sup>th</sup> Street)

- Base Bid **\$618,552**
- Alternate 1 (Overlay) **\$349,060**
- Base + Alternate 1 **\$967,612**

## Combined Estimates

- Base Bids **\$2,267,535**
- Base Bids + Alternate 1 **\$2,616,595**





Public Information Website

MAPS4

MAPS4 BIKE LANES



# MAPS4 BIKE LANES



## Project Overview

The MAPS 4 Bike Lanes project will dedicate \$22 million to install bike facility improvements identified as priorities through bikewalkokc across Oklahoma City. This project will assist in the overarching goal of providing a city-wide network of on-street biking facilities to complement the city's sizable off-street trail network.



## Bike Facility Types

- Tier 1: Protected Bike Lane**  
Highest level of safety features, including a striped buffer or delineators for on-street cyclists.
- Tier 2: Standard Bike Lane**  
Offers a moderate level of bike infrastructure, including signage and striping.
- Tier 3: Bike Route/Share the Road**  
Street is too narrow to accommodate a bike lane or protected bike lane. Signage and striping are installed to instruct motorists to share the road with cyclists.



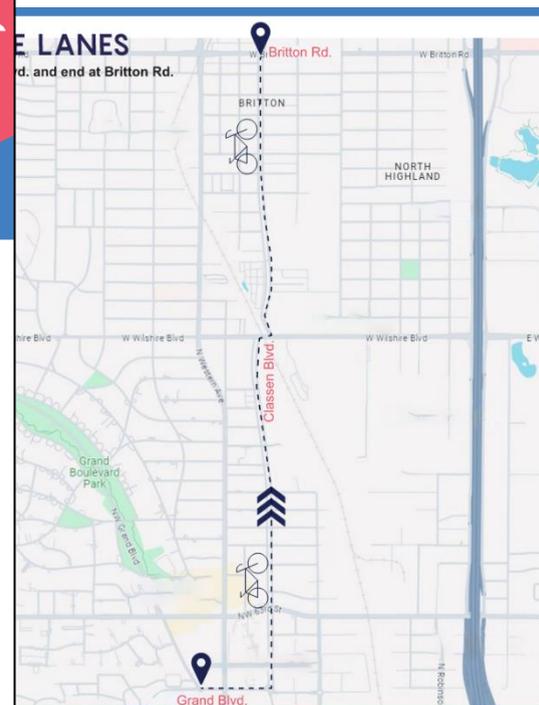
## Phase 1b Classen Corridor Quick Facts

- Construction Budget: \$1.3 million
- Approximately 2.6 miles of Tier 1, 2, and 3 facilities.
- Begins at Classen Blvd. and Grand Blvd.
- Ends at Classen Blvd. and Britton Rd.
- MAPS 4 is a debt-free public improvement program funded by a temporary penny sales tax that will raise a projected \$1.1 billion over eight years. More than 70 percent of MAPS 4 funding is dedicated to neighborhood and human needs. The rest is for quality of life and job-creating initiatives. Visit [okc.gov/maps4](http://okc.gov/maps4) for more information.



## Project Website

Scan and share the QR code above and navigate quickly to the project website: [MAPS4BikeLanes.com](http://MAPS4BikeLanes.com).



Twitter.com/maps4okc

Facebook.com/OKCMAPS4

Instagram.com/maps4okc



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## Bike Facility Types

- Tier 2: Standard Bike Lane**  
Offers a moderate level of bike infrastructure, including signage and striping.
- Tier 3: Bike Route/Share the Road**  
Street is too narrow to accommodate a bike lane or protected bike lane. Signage and striping are installed to instruct motorists to share the road with cyclists.



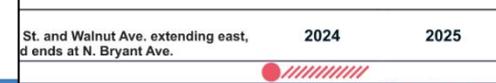
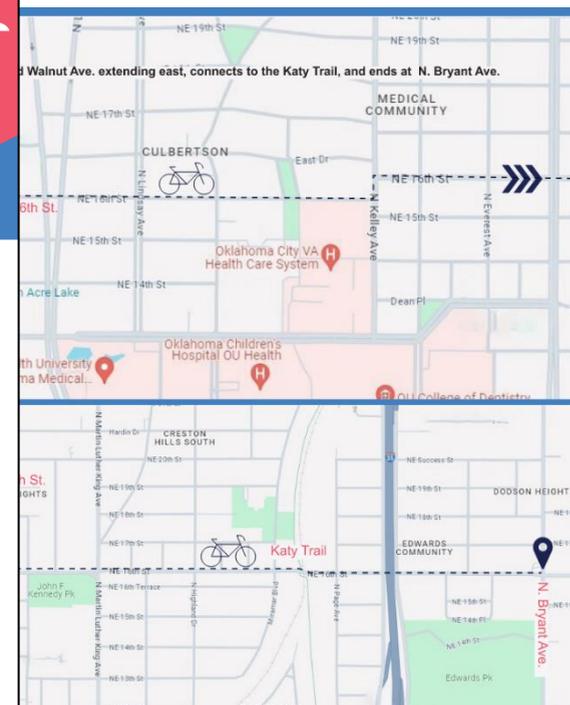
## Phase 1b NE 16th St. Quick Facts

- Construction Budget: \$814,000
- Approximately 2.8 miles of Tier 2 and 3 facilities.
- Begins at NE 16th St. and Walnut Ave.
- Ends at NE 16th St. and Bryant Ave.
- Connects to the Katy Trail
- MAPS 4 is a debt-free public improvement program funded by a temporary penny sales tax that will raise a projected \$1.1 billion over eight years. More than 70 percent of MAPS 4 funding is dedicated to neighborhood and human needs. The rest is for quality of life and job-creating initiatives. Visit [okc.gov/maps4](http://okc.gov/maps4) for more information.



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# Fact Sheet



# Project Schedule

## Phase 1B

**Preliminary Engineering Report**

**March 2024**

**Final Plans**

**June 2024**

**Construction Bidding**

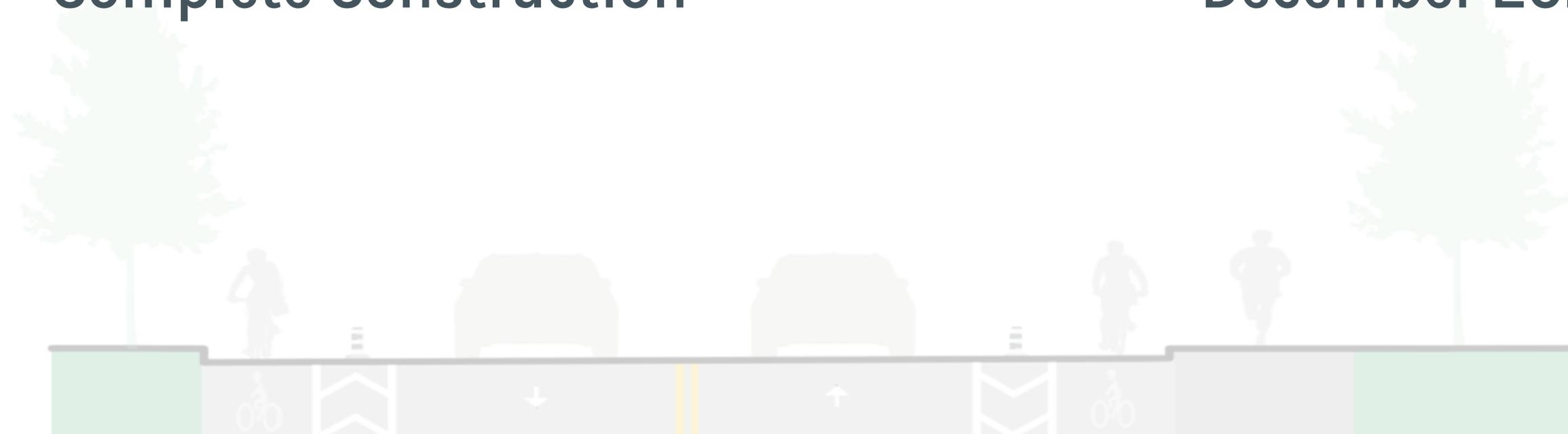
**July 2024**

**Begin Construction**

**August 2024**

**Complete Construction**

**December 2024**





Questions?