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*City of*  
SACRAMENTO

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North 16th Streetscape Project

Community Meeting 1

November 6, 2017

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# Welcome to Community Meeting 1 North 16th Streetscape Project

November 6, 2017

We are glad you can join us.

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City of  
**SACRAMENTO**

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**WOOD RODGERS**  
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME

**AIM** CONSULTING

**DUDEK**

**Megan Johnson**, Engineer, Department of Public Works

**Rachel Hazlewood**, Planner,  
Economic Development Department

**Scott Johnson**, Environmental Planner,  
Community Development Department

**Qasid Mehirdel**, Engineer, Department of Public Works

**John Nicolaus**, FASLA, Project Manager,  
Landscape Architect

**Mark Rayback**, PE, Engineer Lead, Principal

**Robert Campos**, Landscape Designer

**Gladys Cornell**, Communication Lead

**Nicole Porter**, Outreach Coordinator

**Steve Peterson**, AICP, LEED AP, Environmental Planning lead

**Brian Grattidge**, AICP, Environmental Planning,  
Project Manager

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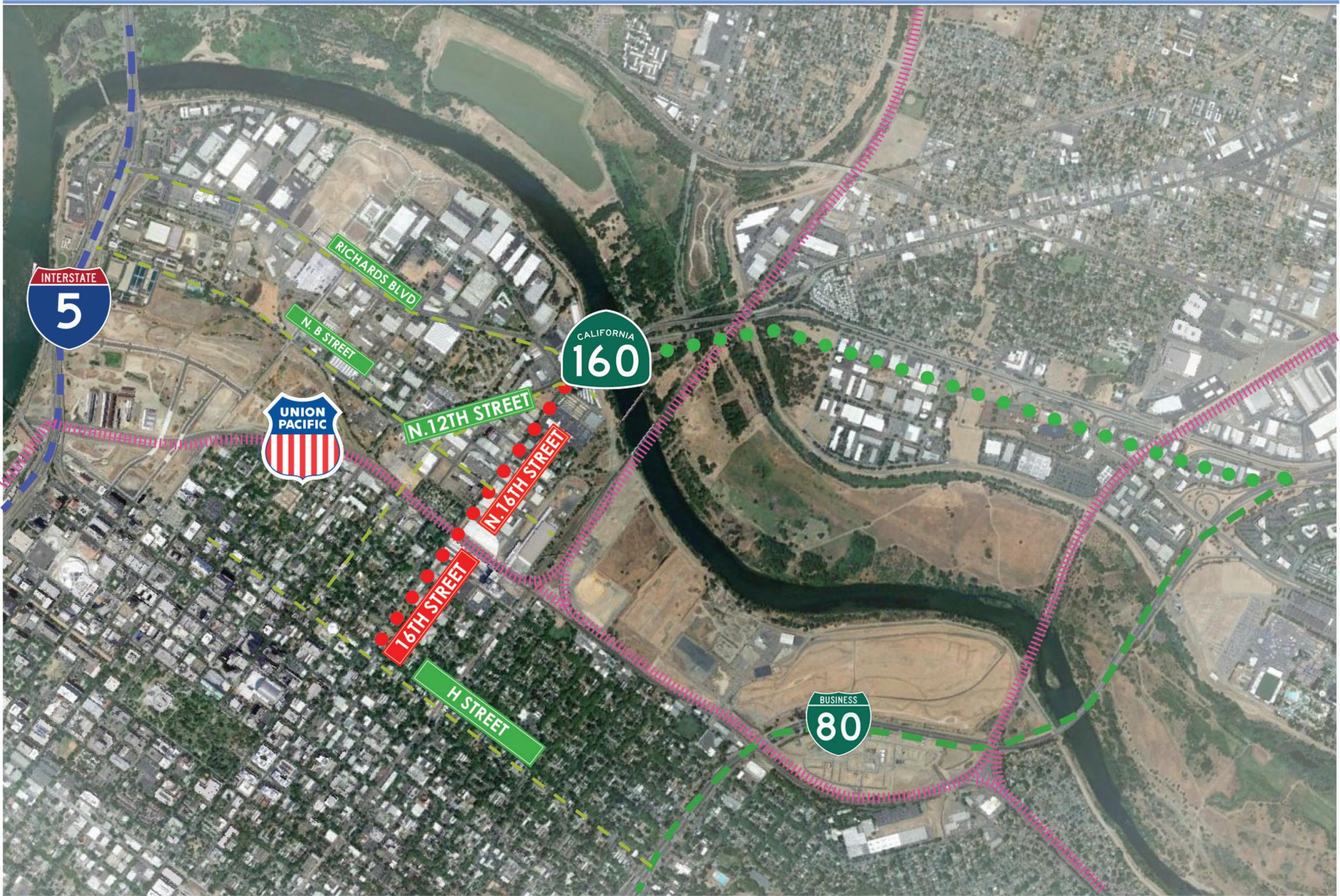
Purpose of today's meeting...

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# AGENDA

- Plan area and limits
  - Project goals
  - Site analysis: What did we see?
  - Community feedback from Questionnaire
  - Conceptual improvements
  - Q&A
-

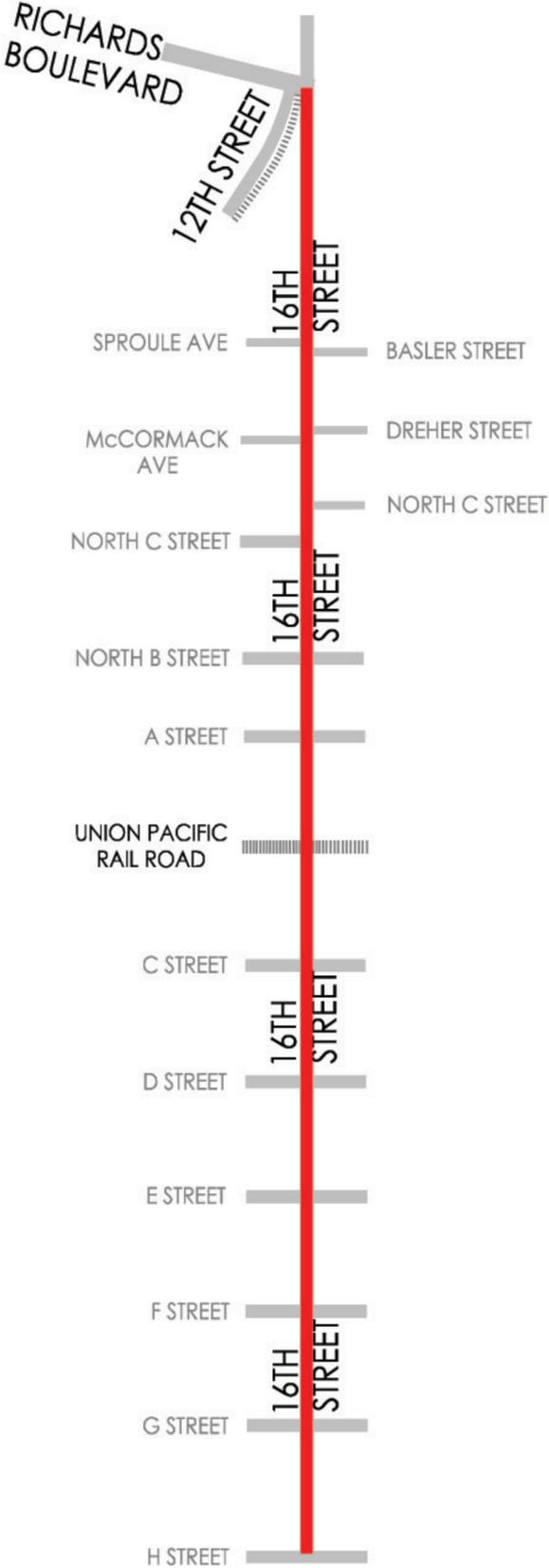


16TH STREET

N.16TH STREET



# NORTH 16TH STREET PLAN AREA



16th Street/N. 16th Street developed as part of the original Lincoln Highway. It was (and still is) the primary route to head north out of downtown. Because of its history as a highway, and its current importance as a vital route out of downtown, it has developed as a street that is geared for commuters, not community. It's not a friendly place to walk, work or visit. This Plan seeks to change that.

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Why is this project needed?  
Who benefits from an improved  
streetscape on North 16th?

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*City of*  
**SACRAMENTO**

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## Project Goals

- Upgrade sidewalks
  - Improve tunnel crossing  
(short-term and long-term visioning)
  - Enhance landscaping
  - Provide pedestrian-scale lighting
  - Provide on-street parking (where feasible and appropriate)
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# Site Analysis

The preliminary phase of the urban design processes dedicated to the observation of climatic, geographical, historical, legal, and infrastructure components of a specific site.

Site analysis results in a summary that depicts an area or built environment, the result of which is used as a starting point for the design process. This is what we'll be sharing with you today.

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**NORTH 16TH STREET  
@ H STREET**

LIGHTING  
BLOCKED BY  
TREE  
CANOPY

BUS STOP IN  
PLANTER

SIGNS  
TOO TALL

ONE  
WAY  
→

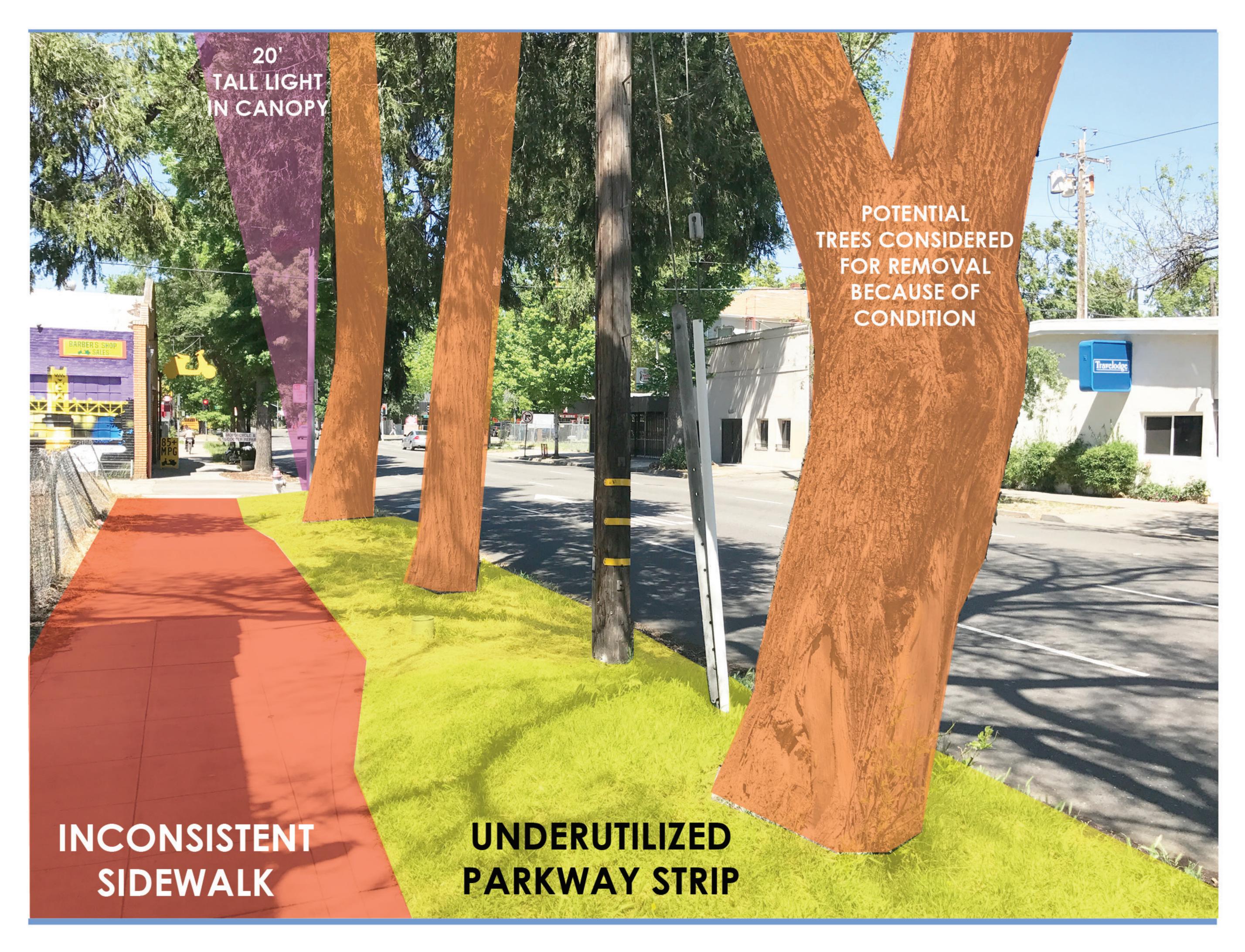
INCONSISTENT  
SIDEWALK

UNDERUTILIZED  
PARKWAY STRIP





**LOOKING NORTH  
@ FAT ALLEY**



20'  
TALL LIGHT  
IN CANOPY

POTENTIAL  
TREES CONSIDERED  
FOR REMOVAL  
BECAUSE OF  
CONDITION

**INCONSISTENT  
SIDEWALK**

**UNDERUTILIZED  
PARKWAY STRIP**



**LOOKING NORTH  
@ C STREET**

**POTENTIAL  
TREES CONSIDERED FOR  
REMOVAL  
BECAUSE OF  
CONDITION**

**HISTORIC  
BUILDING AND  
POTENTIAL  
LANDSCAPE  
SPACE**

**UNDERUTILIZED  
PARKWAY STRIP**





**LOOKING NORTH  
@ UNION PACIFIC RAILROAD**



LIGHT FIXTURE SEEMS TOO TALL

PEDESTRIAN TUNNELS ARE DARK, UNSANITARY, POORLY MAINTAINED, AND NOT SURVEILLABLE

NARROW WALKWAY AT PEDESTRIAN TUNNEL ENTRANCE

UNDERUTILIZED POTENTIAL LANDSCAPE AREA



10  
**LOOKING SOUTH  
@ THORNTON AVE.**

**POOR  
DELINEATION  
OF PEDESTRIAN  
RIGHT OF WAY**

**POOR  
DELINEATION OF  
PARKING, CURB,  
GUTTER AND TRAFFIC LANE**

**FAILED  
HARDSCAPE**

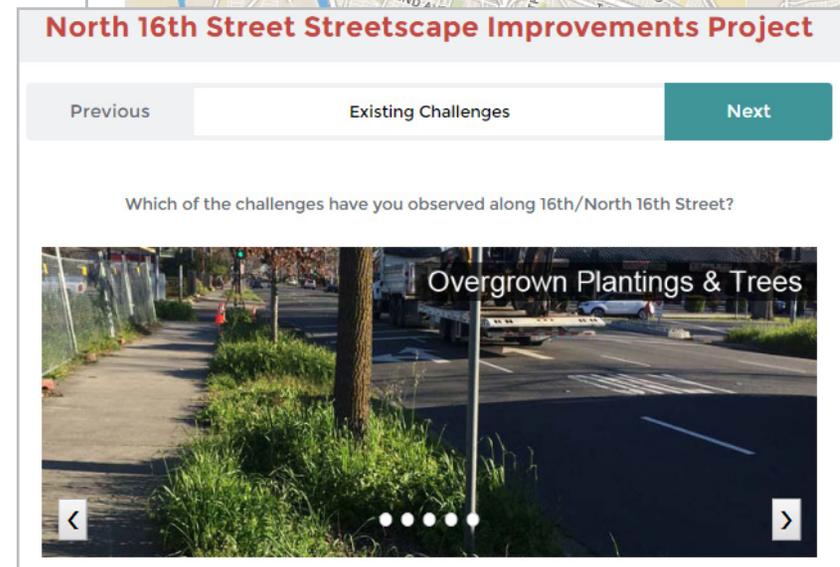
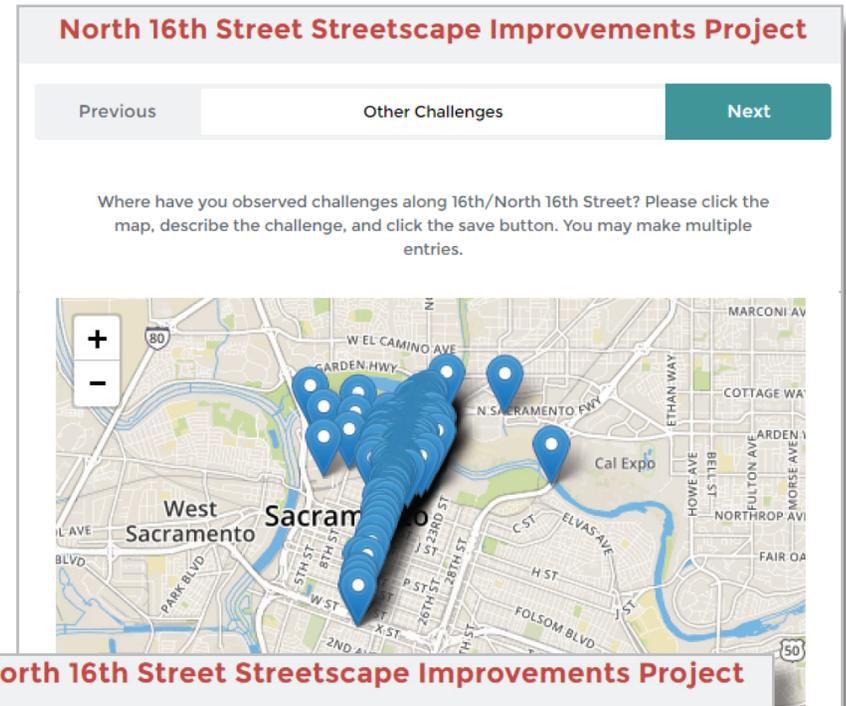
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What did the community say?

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# Purpose of the Questionnaire

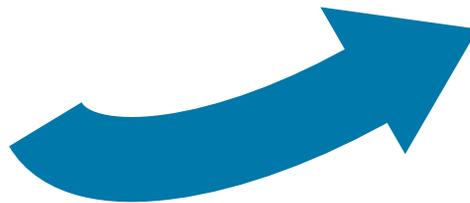
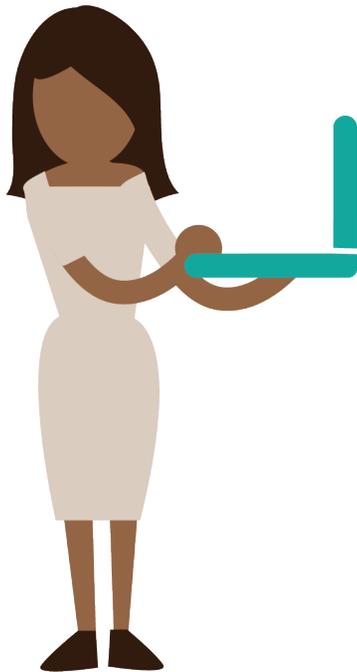
- Obtain early input from the community
- Understand travel choices and frequency of trips
- Identify what they like about the corridor
- Identify perceived issues with the corridor
- Identify the types of preferred improvements



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# What did the project team do with the results of the questionnaire?

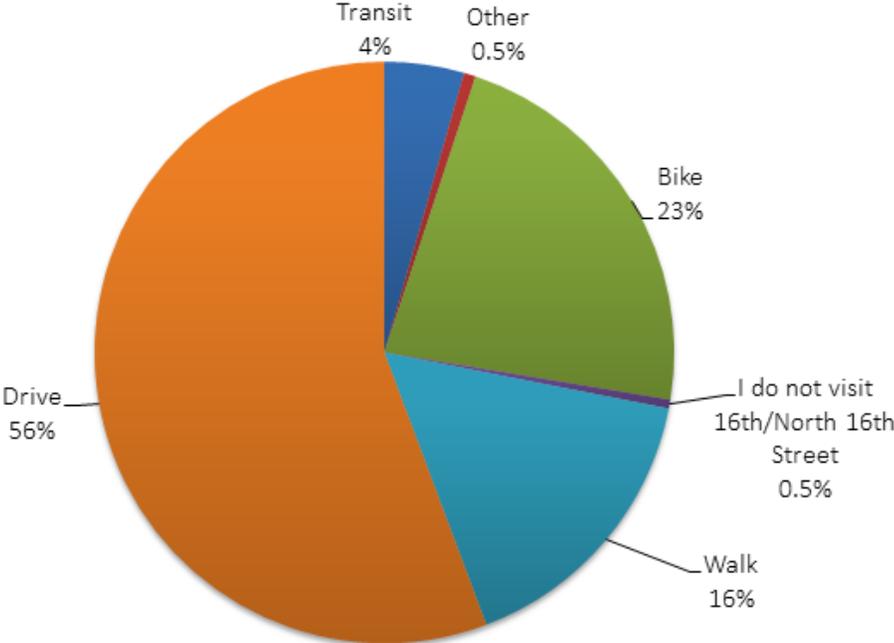
1,150  
responses



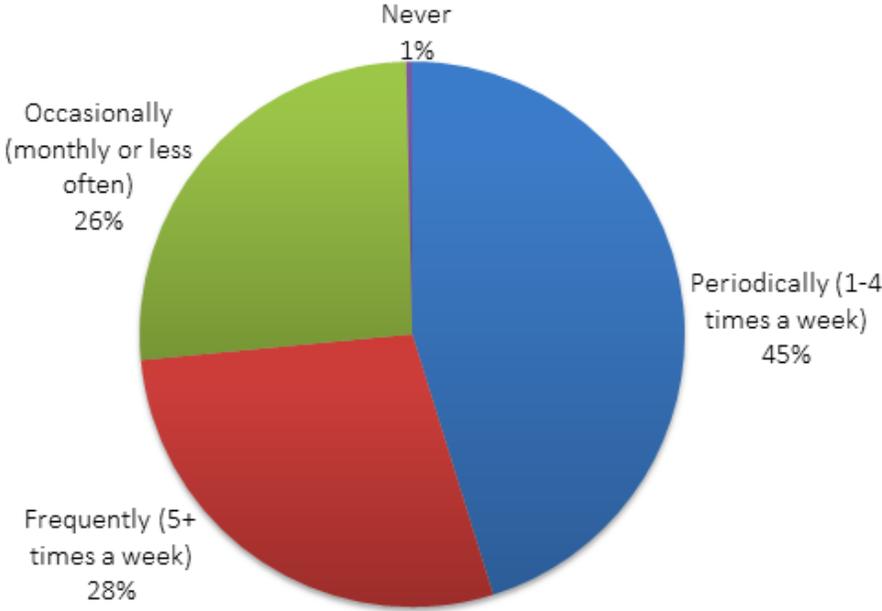
# What we heard...

## Travel Behavior

How do you currently travel on 16th / North 16th Street?



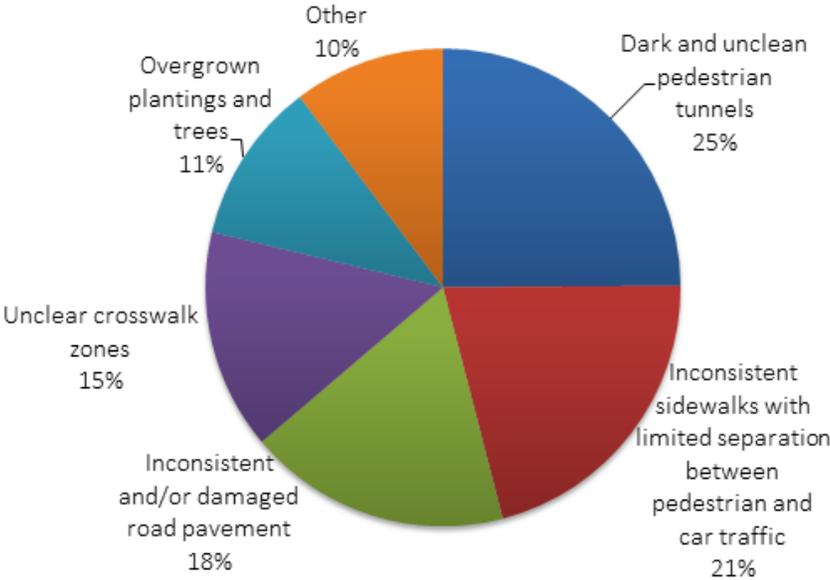
How often do you travel to or on 16th / North 16th Street?



# What we heard...

## Corridor Challenges

Which of the following challenges have you observed along 16th / North 16th Street?



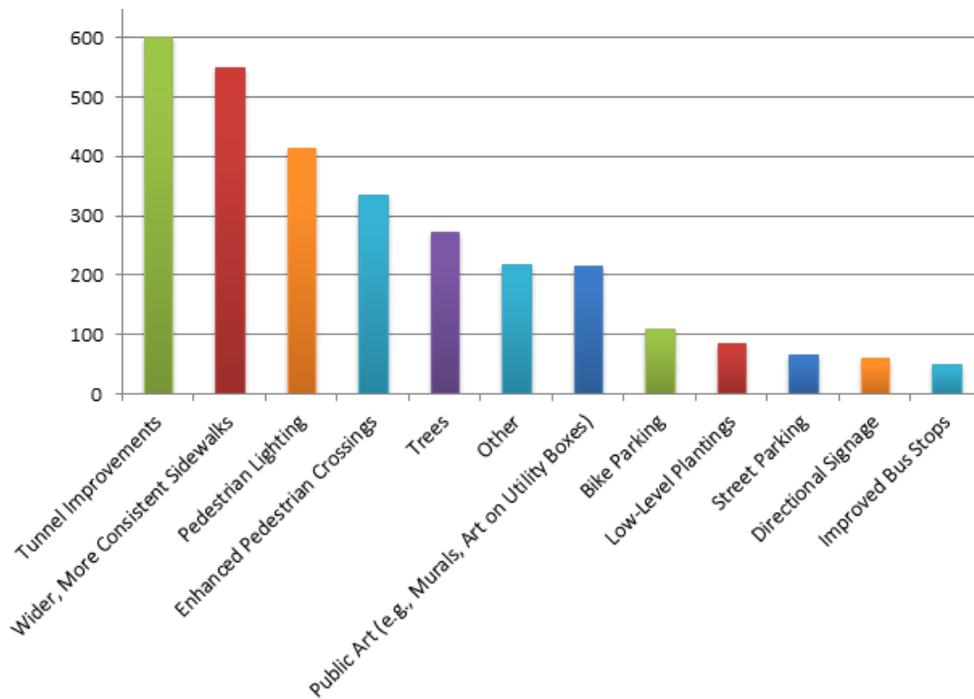
- Tunnel Safety: 370
- Transients: 196
- Bike Safety: 137
- Traffic: 122
- Pedestrian Safety: 185

\*Each pin shows the number of respondents that dropped a pin in that area.

# What we heard...

## Potential Improvements

What are the top three potential streetscape improvements you would like to see on 16th / North 16th Street?



Where would you like to see streetscape improvements on 16th / North 16th Street?

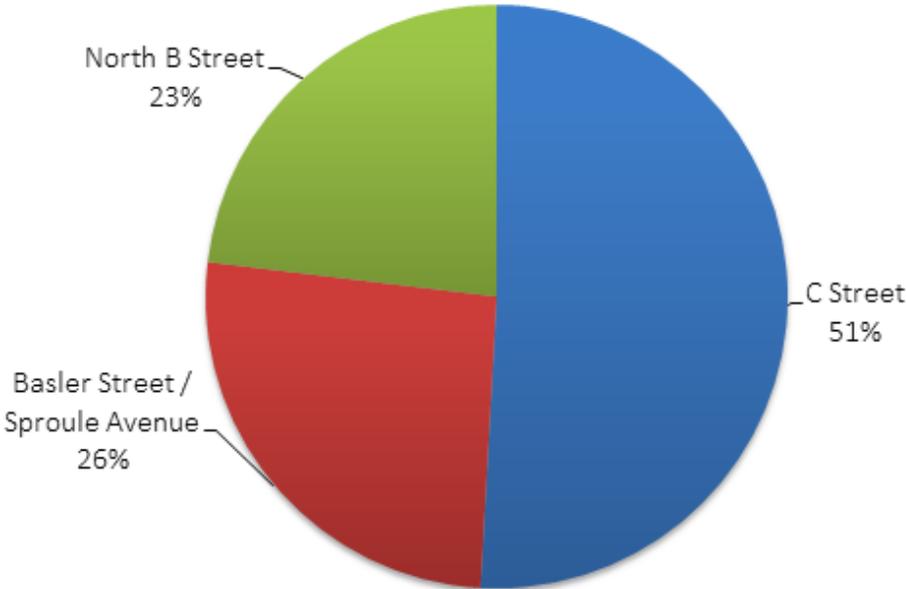


- Wider, More Consistent Sidewalks: 304
- Public Art: 50
- Low-Level Plantings: 25
- Parklets: 14
- Trees: 74

\*Each pin shows the number of respondents that dropped a pin in that area.

# What we heard...

## Potential routes for Cyclists



# What we heard...

## Business Owners

*Where do your delivery trucks usually park?*



1. North A Street and 16<sup>th</sup> Street.
2. North C Street and 16<sup>th</sup> Street: Business deliveries park on the street and slow traffic.
3. McCormack Avenue and 16<sup>th</sup> Street.
4. F Street and 16<sup>th</sup> Street: The traffic lane runs immediately next to the sidewalk in front of my building at 614 16th St. Delivery vehicles park in the alley or sometimes simply stop in the traffic lane.
5. North A Street and 16<sup>th</sup> Street: When our small parking lot is full, this is where we have to park.
6. North C Street and 16<sup>th</sup> Street.
7. North 10<sup>th</sup> Street and Richards Boulevard.
8. North C Street and 16<sup>th</sup> Street.
9. Dreher Street and 16<sup>th</sup> Street.
10. North C Street and North 12<sup>th</sup> Street.
11. North C Street and 14<sup>th</sup> Street.
12. North C Street and 16<sup>th</sup> Street.
13. Dreher Street and 16th Street.
14. Dreher Street and 16th Street.

\*Each pin shows where respondents dropped a pin.

# Improvements Menu

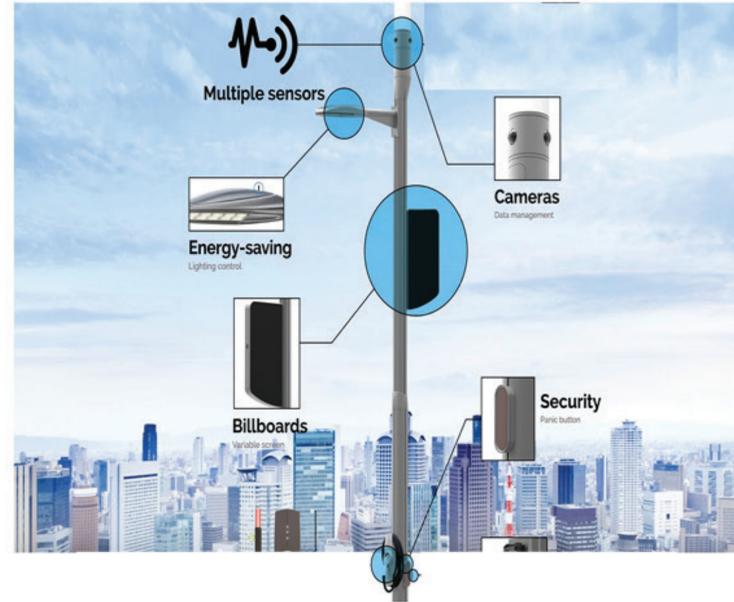
Street lighting



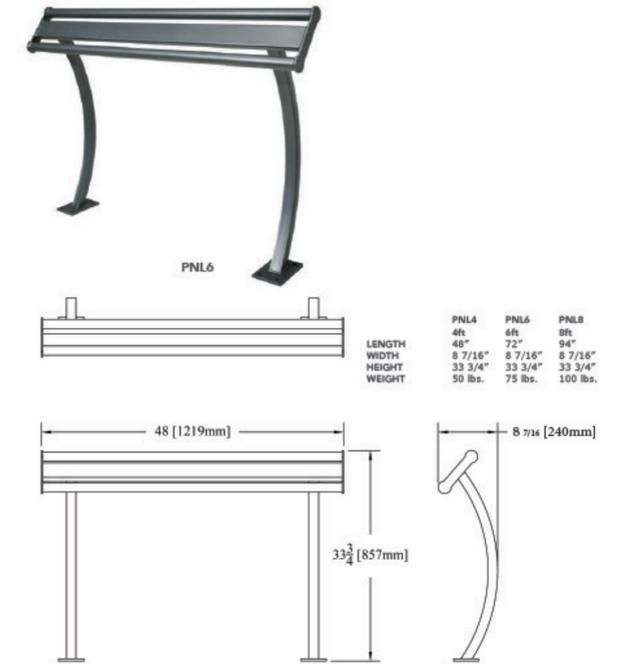
Tunnel lighting



Security and surveillance



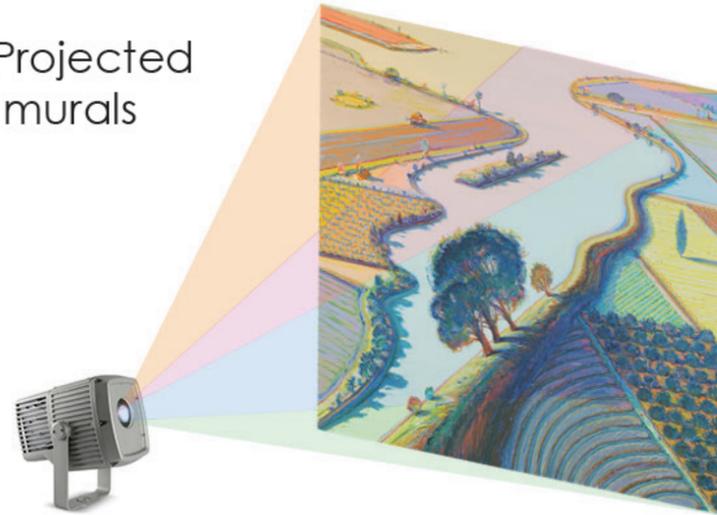
Non-traditional seating



Etched sidewalk



Projected murals



Murals



Art on utility boxes

Theme trees & green infrastructure



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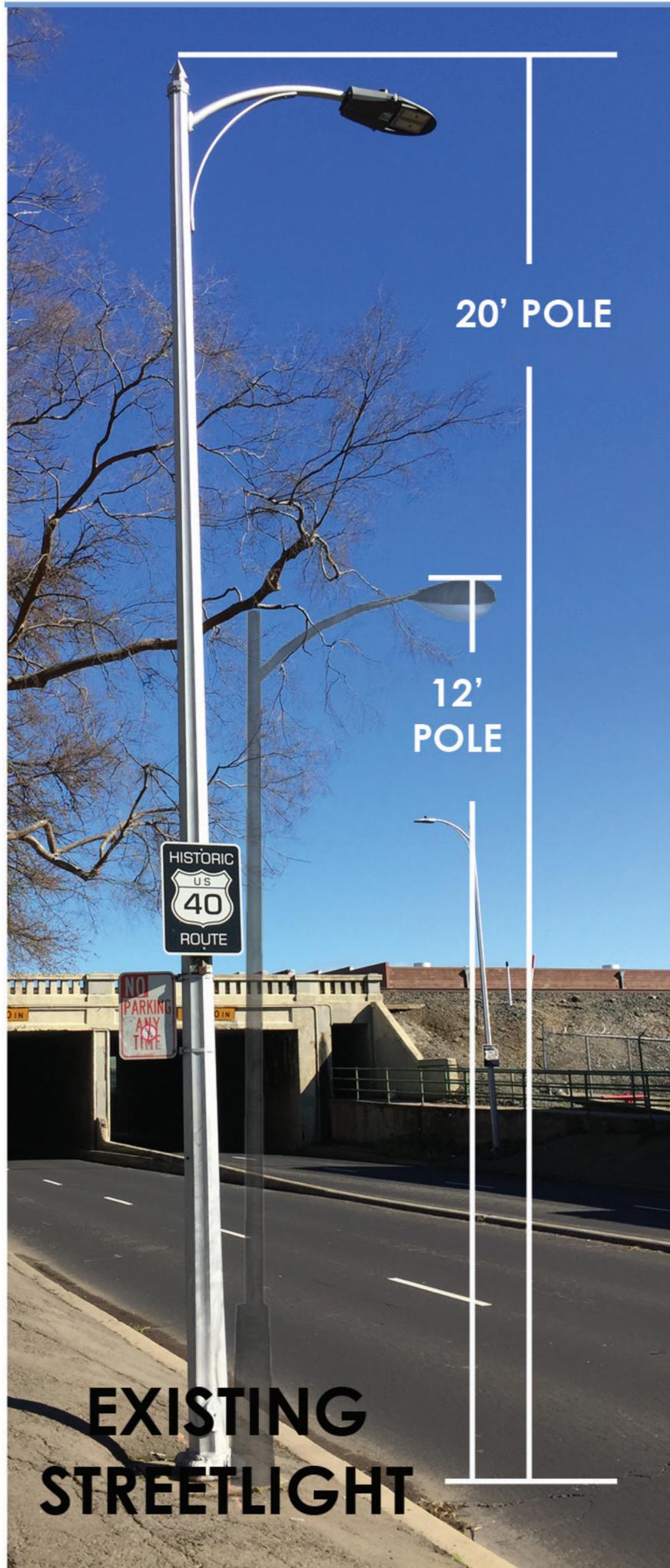
# Rationale for Proposed Design Features

Respond to City's goals

Respond to questionnaire responses

Respond to the comments you all offer today

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# PROPOSED LIGHTING

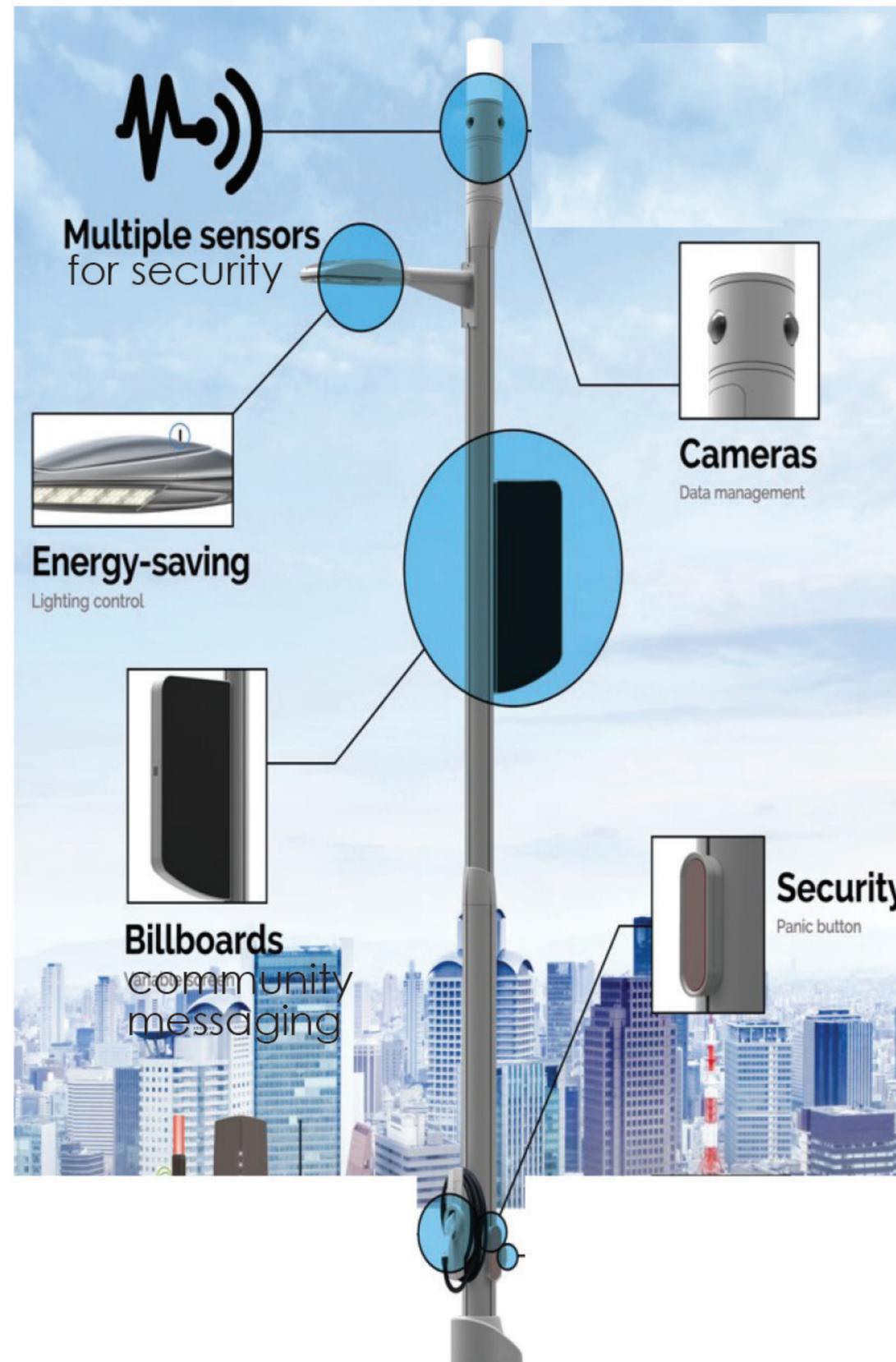
Street lighting, 12' tall



Vandal resistant tunnel lighting



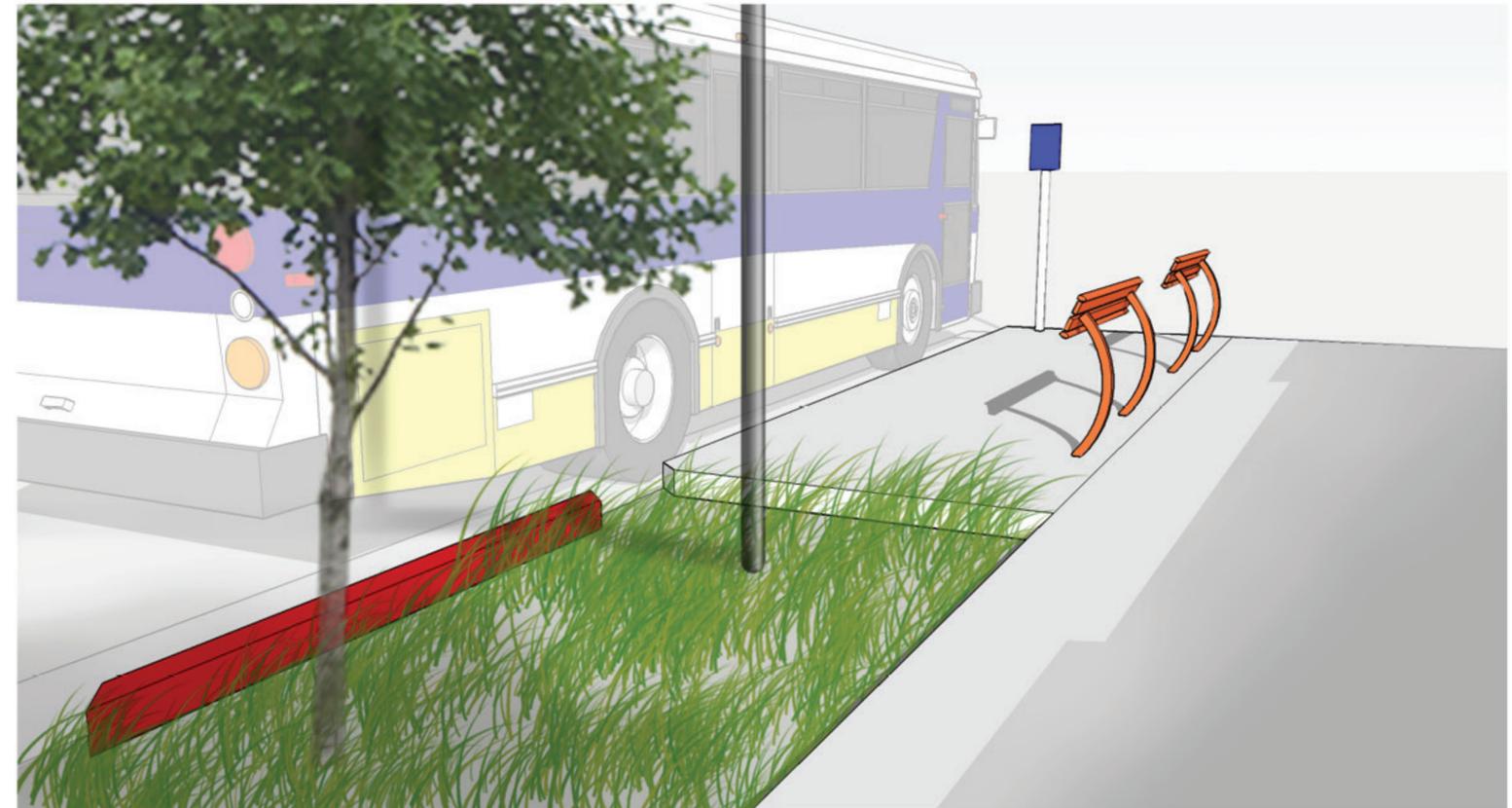
Security and surveillance at tunnel entrances and specific street corners



# PROPOSED UPGRADED BUS STOPS



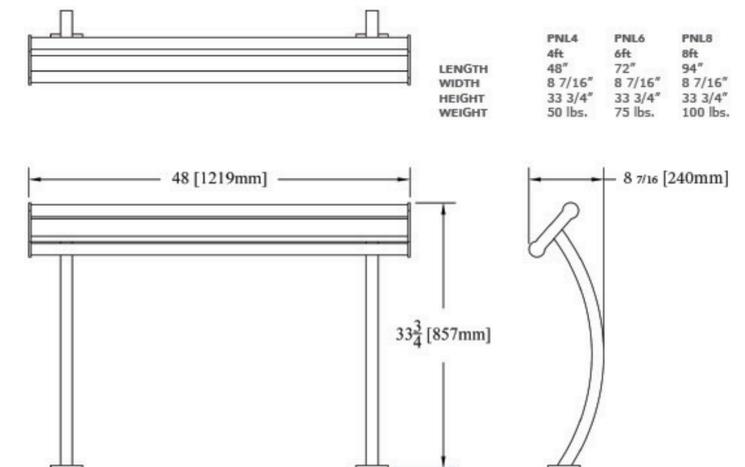
**EXISTING  
BUS STOP IN  
PARKWAY STRIP**



## Non-traditional seating



PNL6





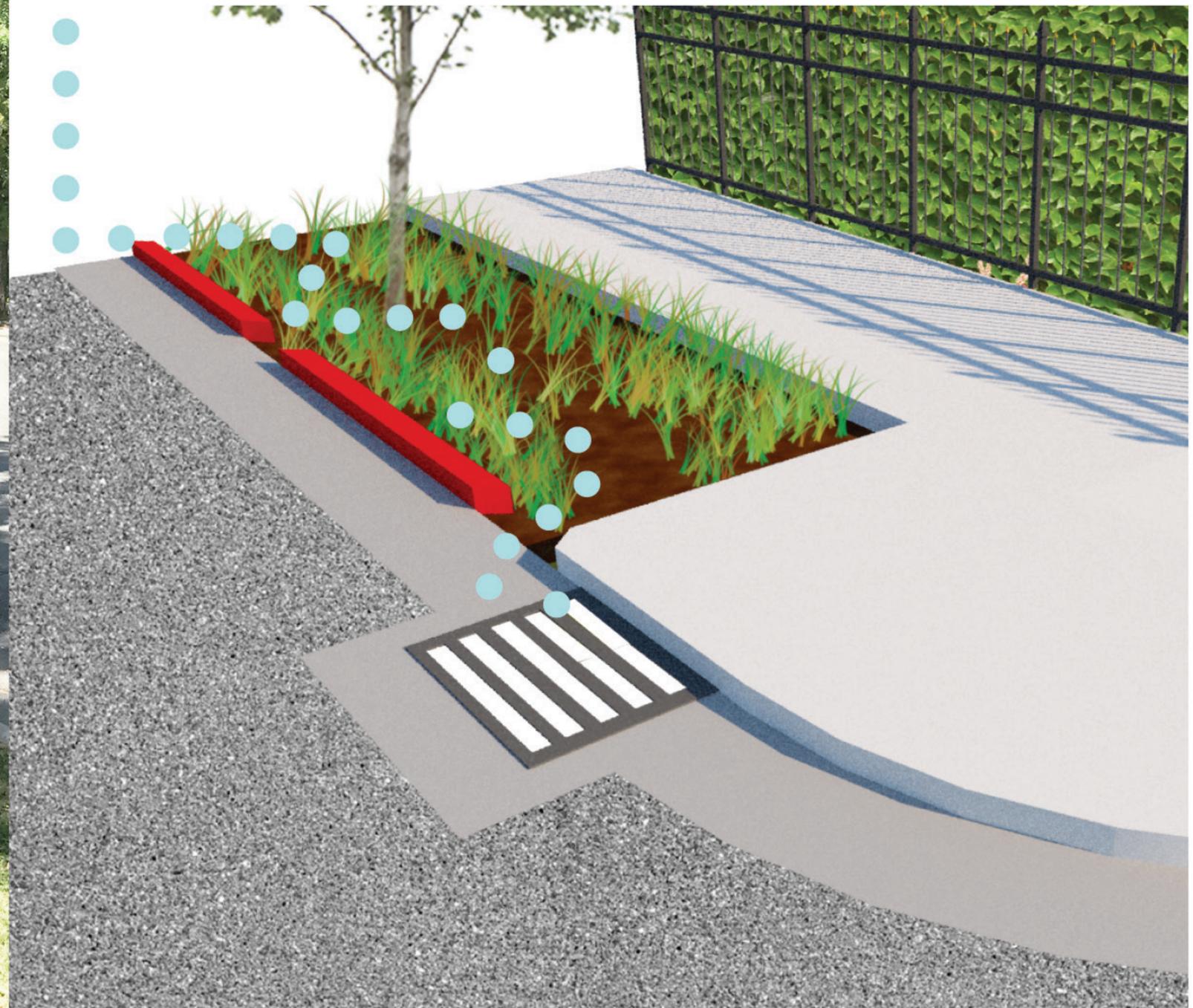
**ART ON  
UTILITY BOXES**



**PUBLIC  
ART**

# PROPOSED GREEN INFRASTRUCTURE

- Flow through planters intercept storm water and filter pollutants while not compromising the existing drainage system



**EXISTING  
PARKWAY STRIP**

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# Plant Material



QUERCUS - RUBRA,  
LOBATA, AGRIFOLIA



ZELKOVA SERRATA  
VILLAGE GREEN



QUERCUS ROBUR  
FASTIGIATA



ACER RUBRUM



DROUGHT TOLERANT  
GASSES



AGAVE SP.



ALOE SP.



DROUGHT TOLERANT  
AND FLOWERING  
GROUNDCOVER

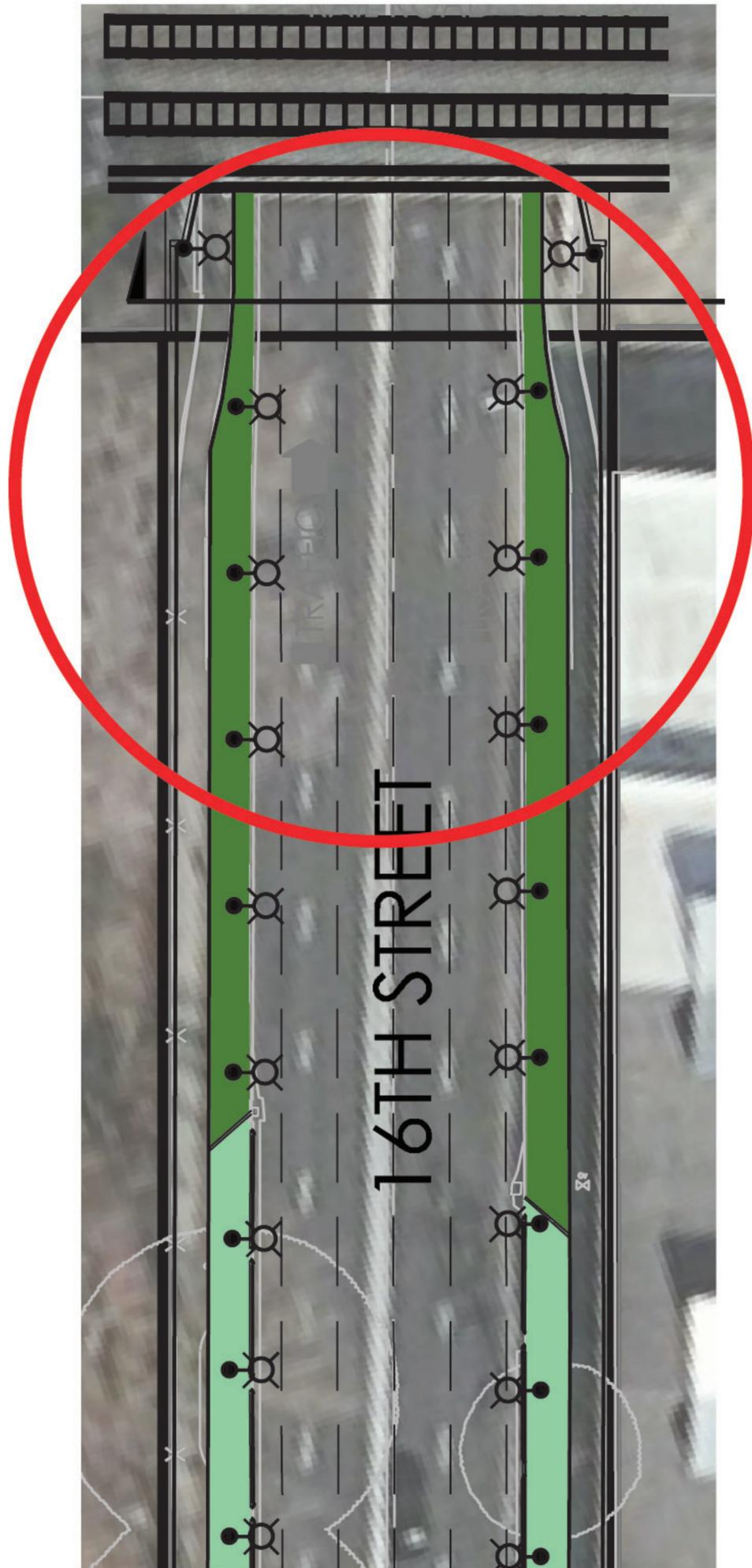
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# SAMPLE OF PROPOSED IMPROVEMENTS

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# UPRR



## SITE DEVELOPMENT

SYMBOL	NOTES	QTY
	PLANTING - LID	2,107 SF
	PLANTING - PARKWAY STRIP	2,678 SF

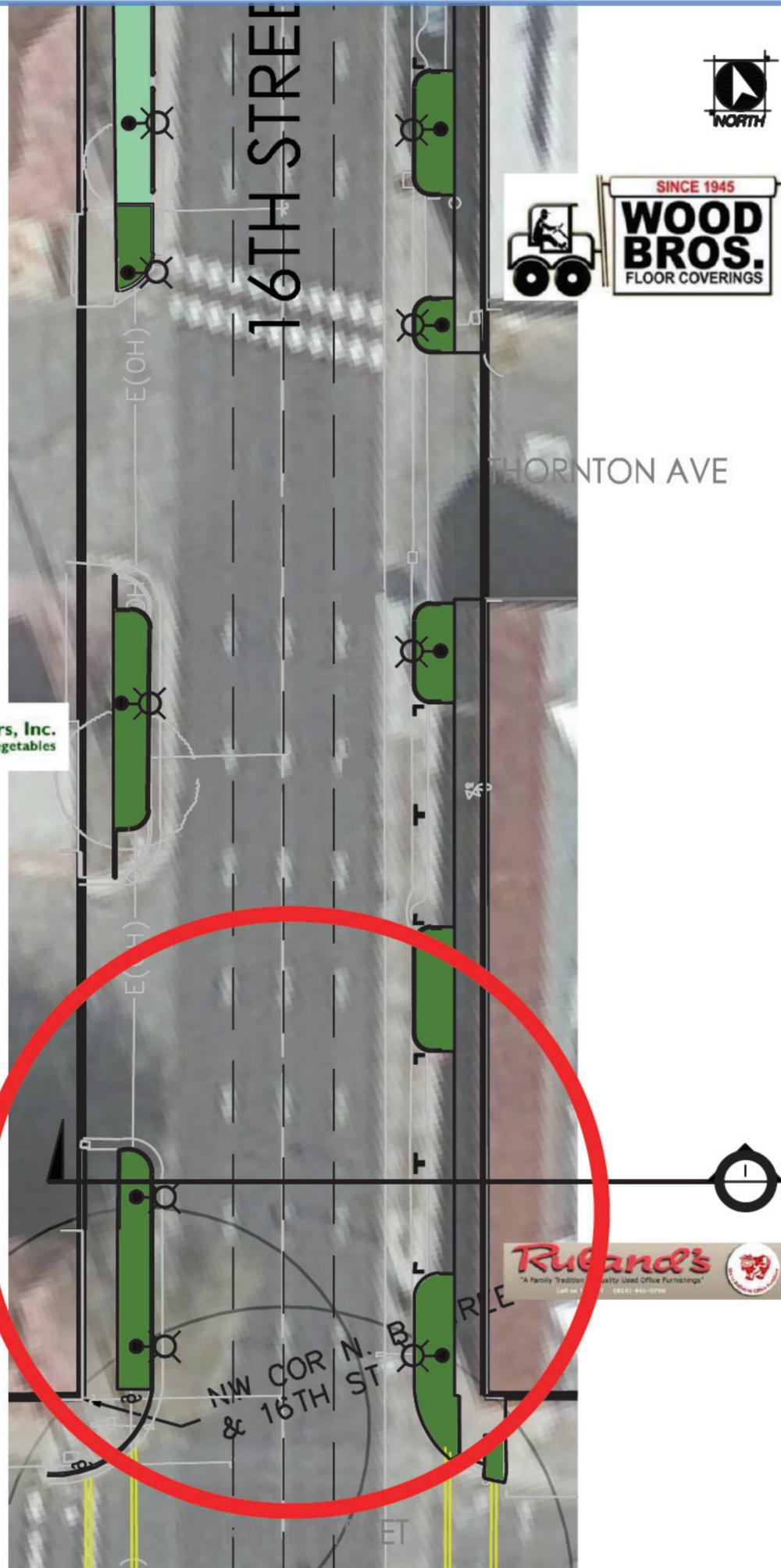
## QUESTIONNAIRE ACKNOWLEDGMENT CHECKLIST

- PARKWAY STRIP -LID (FLOW TROUGH PLANTER)
- PARKWAY STRIP - PLANTING
- PUBLIC ART - PAINTED INFRASTRUCTURE
- BLOCK THEME TREE
- STREET LIGHTING • 30' OC
- ALL SIGNAGE TO BE UNIFORM IN HEIGHT
- ENHANCED CROSSWALK
- HISTORIC ROUTE 40 SIGNAGE
- HISTORIC ROUTE 40 SIDEWALK ETCH
- TUNNEL IMPROVEMENTS
  - LIGHTED
  - CORED DRAINAGE OUTLETS
  - "SMART" LIGHT POLES AT NORTH AND SOUTH ENTRANCES OF PEDESTRIAN TUNNELS.
  - VIDEO SURVEILLANCE
  - AUDIO PROJECTION





**SOUTH ENTRANCE OF  
PEDESTRIAN TUNNELS**



**SITE DEVELOPMENT**

SYMBOL	NOTES	QTY
	PLANTING - LID	730 SF
	PLANTING - PARKWAY STRIP	1,662 SF

**QUESTIONNAIRE ACKNOWLEDGMENT CHECKLIST**

- PARKWAY STRIP -LID (FLOW TROUGH PLANTER)
- PARKWAY STRIP - PLANTING
- NEW BUS STOP • A STREET AND 16TH STREET
- PUBLIC ART - PAINTED INFRASTRUCTURE
- BLOCK THEME TREE
- STREET LIGHTING • 30' OC
- ALL SIGNAGE TO BE UNIFORM IN HEIGHT
- ENHANCED CROSSWALK
- HISTORIC ROUTE 40 SIGNAGE
- HISTORIC ROUTE 40 SIDEWALK ETCH



**NORTH B STREET  
LOOKING NORTH**



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Questions / Comments

THANK YOU!

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