

SOUTH ETON ALTERNATIVES

PUBLIC WORKSHOP #1

JANUARY 17, 2023

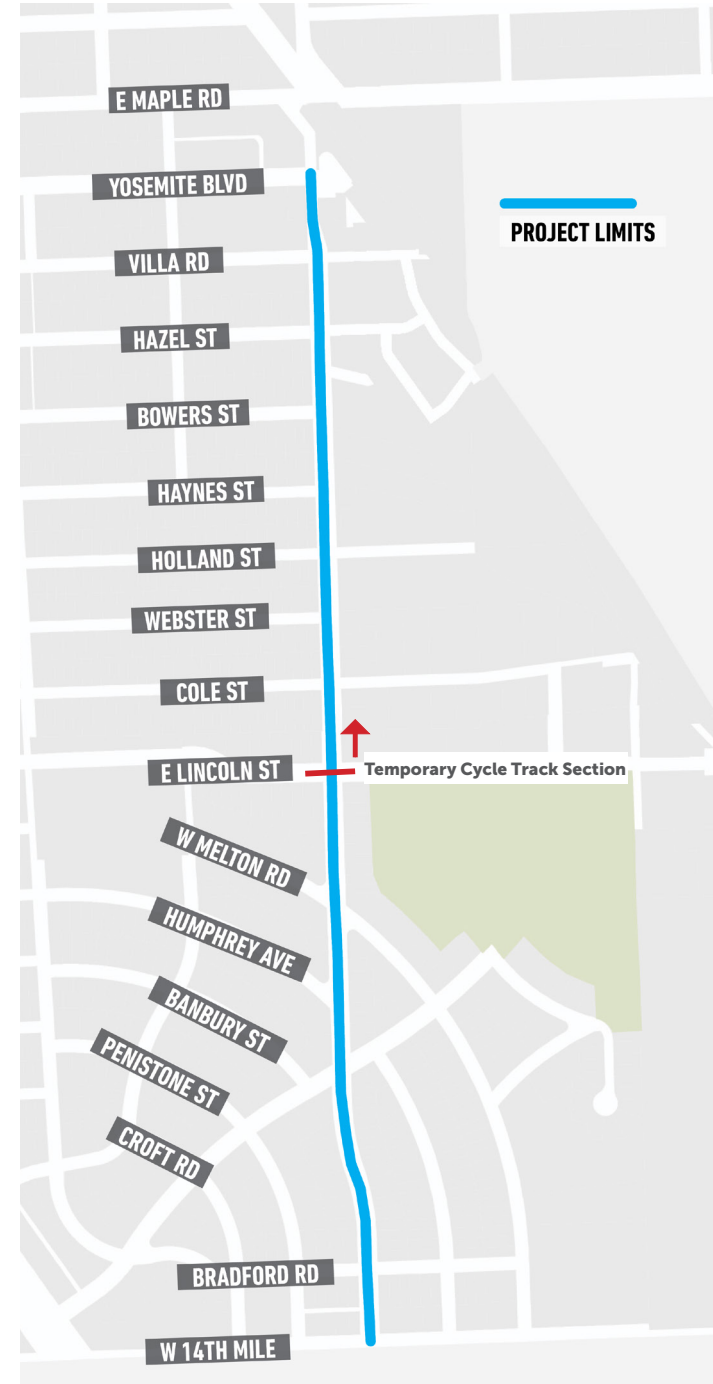


PROJECT GOALS

- 1.** Safety for all users
- 2.** Enhance pedestrian crossings
- 3.** Smooth traffic flow
- 4.** Increase bike usage
- 5.** Retain on-street parking along the east side
- 6.** Provide room for trucks
- 7.** Improve sight distance of intersections
- 8.** Improve sidewalks/lighting
- 9.** Design that fits the city's budget

- S Eton will be resurfaced in 2024
- Curb can be moved depending on design/concept
- Can either keep design as is, improve it or use one of the proposed alternatives

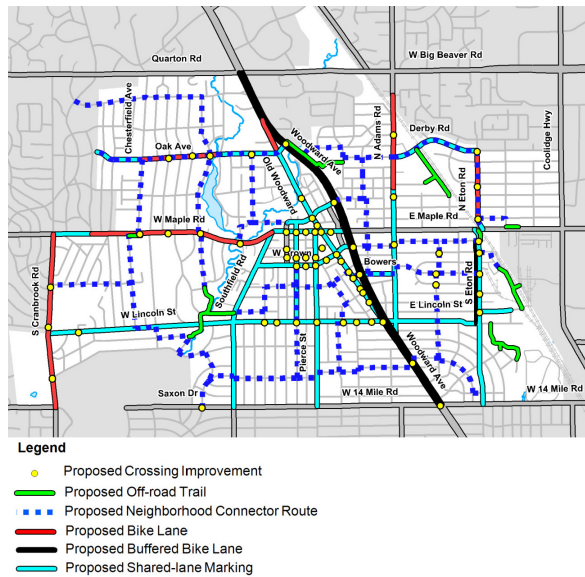
S ETON PROJECT BOUNDARY



CITY OF BIRMINGHAM PREVIOUS PLAN RECOMMENDATIONS S ETON MAPLE TO 14 MILE

- City's Multi-Modal Transportation Plan recommends shared lane markings (sharrows) along S Eton from Lincoln to 14 Mile
- Additional options can be considered instead:
 - Extend chosen alternative down to 14 Mile
 - Install protected/buffered bike lanes down to 14 Mile
 - Install shared lane markings (sharrows) down to 14 Mile

CITY OF BIRMINGHAM PROPOSED MULTI-MODAL NETWORK



SEMCOG BIKE AND PEDESTRIAN MOBILITY NETWORK



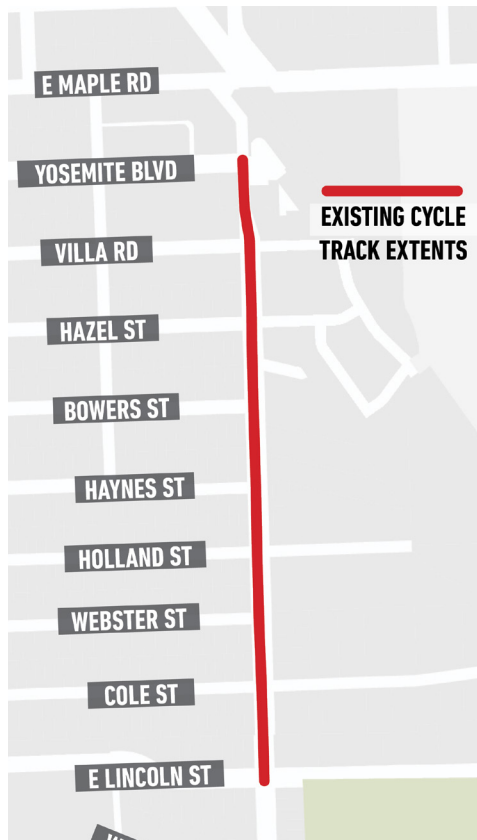
LINCOLN TO 14 MILE PROPOSED CURB IMPROVEMENTS



EXISTING CONDITIONS AND TEMPORARY CYCLE TRACK RESULTS

- Temporary cycle track was installed in 2019
- Parking on west side of the street removed, parking on east side of street untouched
- Details/results of the cycle track are shown to the right:

EXISTING CYCLE TRACK

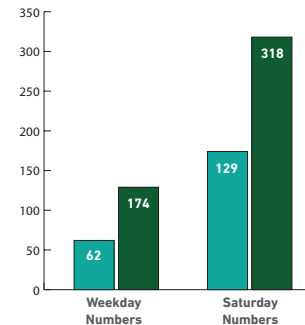


BICYCLE VOLUMES (2PM-6PM)

Weekday Increase = **108%**

Saturday Increase = **83%**

Before Numbers
After Numbers

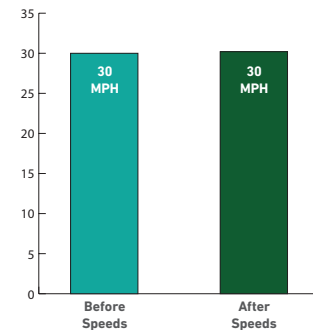


85% SPEEDS

BEFORE:
30.0 mph

AFTER:
30.2 mph

Before 85% Speeds
After 85% Speeds



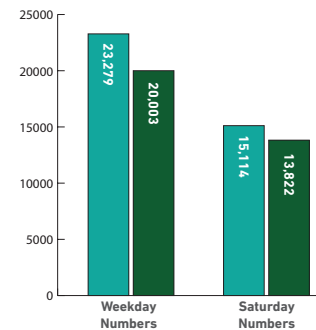
Remained consistent, negligible

TRAFFIC VOLUMES (2PM-6PM)

Weekday Decrease = **108%**

Saturday Decrease = **83%**

Before Numbers (Summer 2018)
After Numbers (Summer 2021)



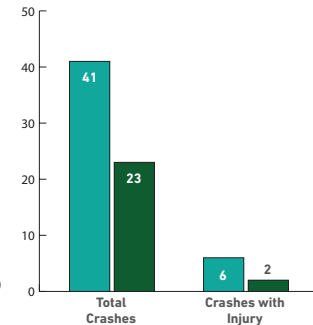
*COVID restrictions may have some impact on traffic volumes.

CRASHES

-44% in Total Crashes

-67% Crashes with Injury

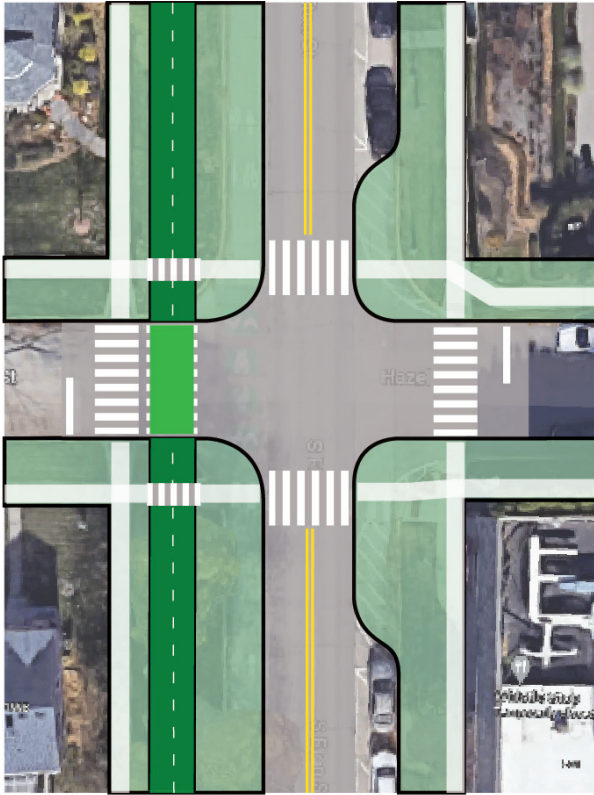
Before Numbers (May 2017-May 2018)
After Numbers (July 2019-July 2021)



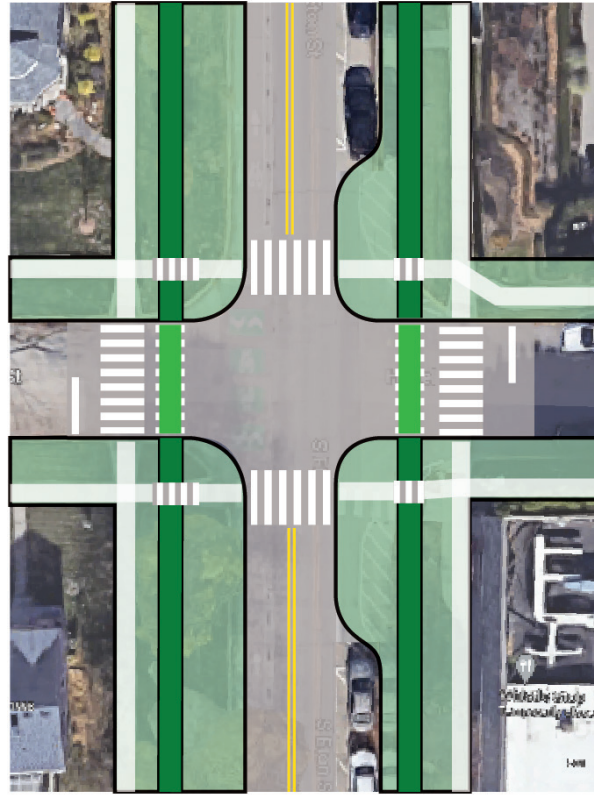
*Largest decrease in Rear-End and Side-Swipe Crashes

FOUR ALTERNATIVES

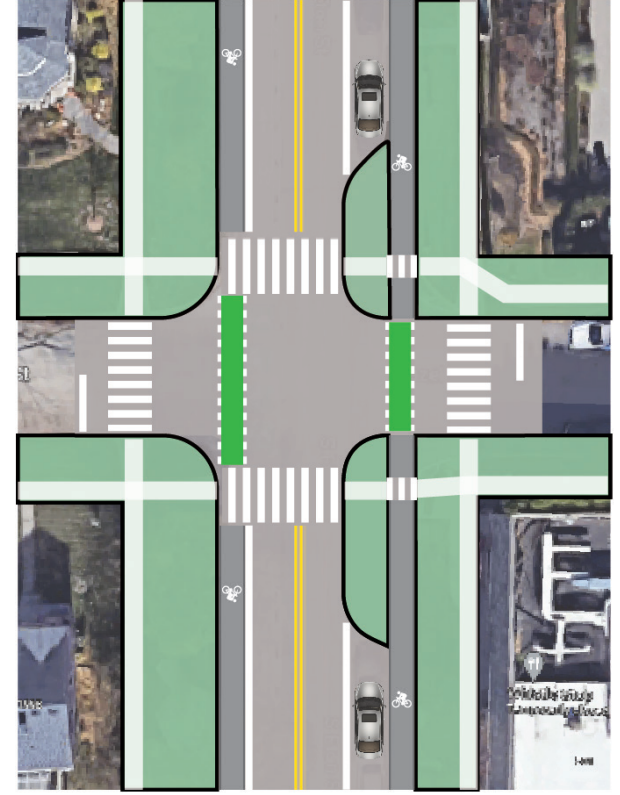
ALT A: TWO-WAY RAISED CYCLE TRACK



ALT B: SEPARATED RAISED BIKE LANES



ALT C: ON STREET BUFFERED BIKE LANES



ALT D: KEEP AS IT, REPAVE ROAD



ALTERNATIVE DESCRIPTIONS

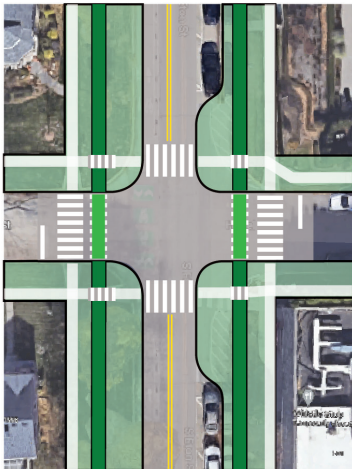
Two-Way Cycle Tracks

- Physically separated from vehicle travel lanes
- Allows for bicycle movement in both directions along one side of the street



Raised and Separated Bike Lanes

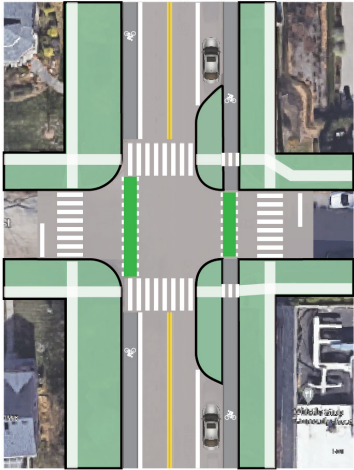
- Physically separated from vehicle travel lanes
- Two lanes on each side of the street going in the same direction as the cars
- Above the curb



ALTERNATIVE DESCRIPTIONS

On-Street Bike Lanes

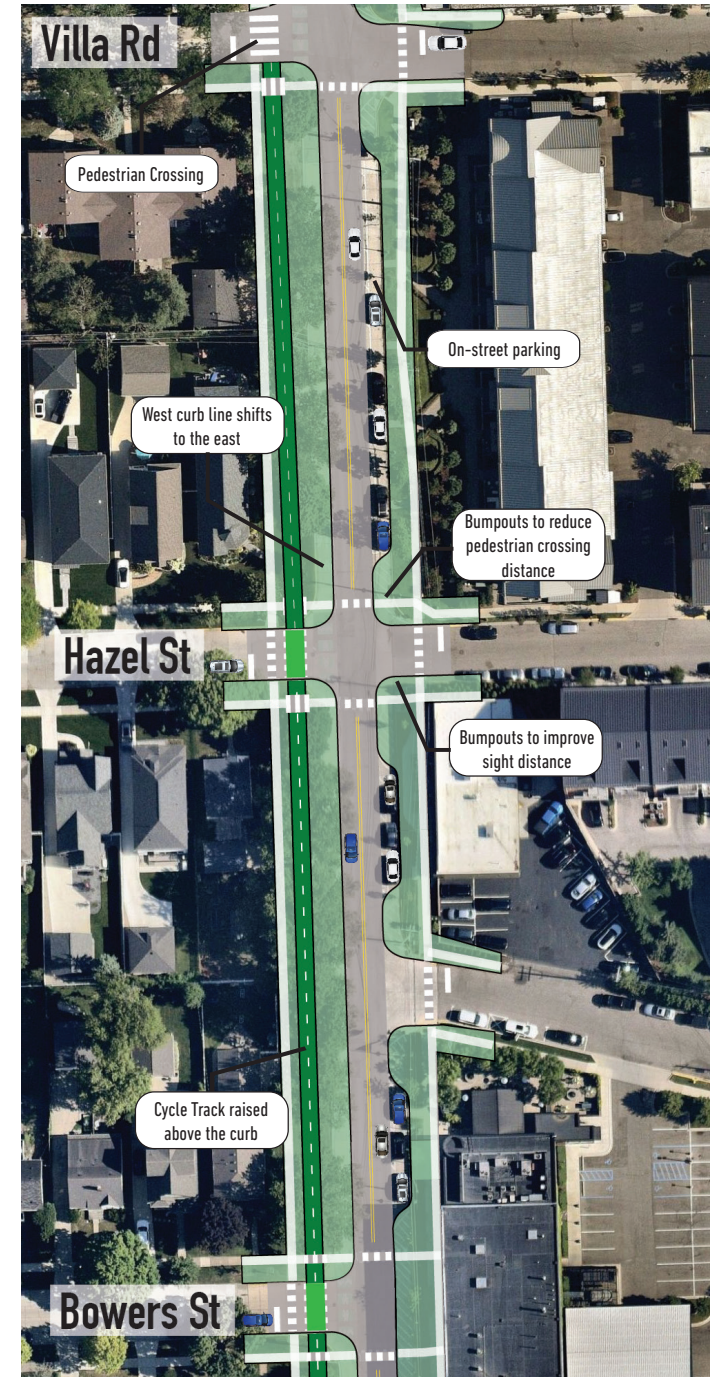
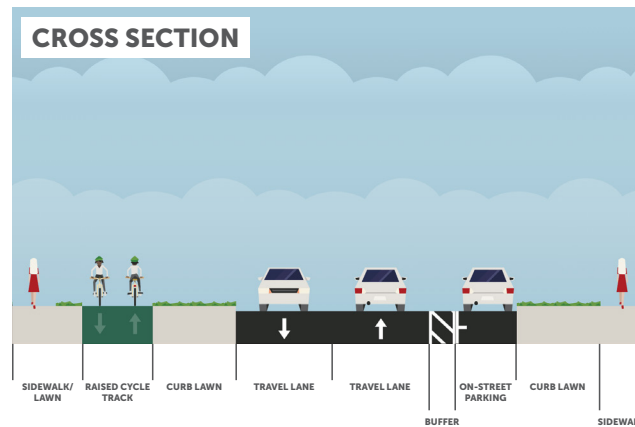
- Bike lanes at street level (a traditional bike lane)
- Two lanes on each side of the street going in the same direction as the cars
- Could be separated by a buffer to increase safety and usage



Raised Bike Lane/Cycle Track - Bike lane or cycle track is raised above the S Eton travel lanes or “above the curb”. This may be level with the sidewalk, or in between the sidewalk and the road.

SOUTH ETON ALTERNATIVE OPTION A: TWO-WAY RAISED CYCLE TRACK ON WEST SIDE

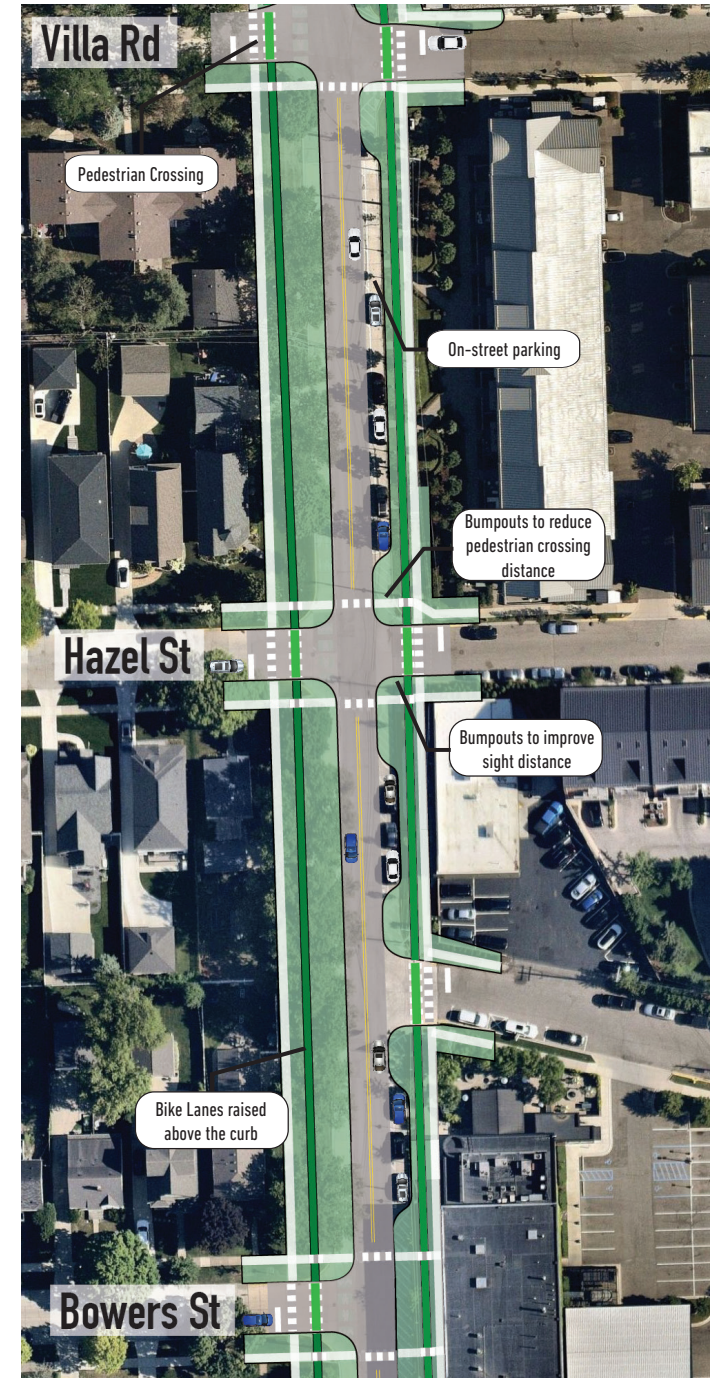
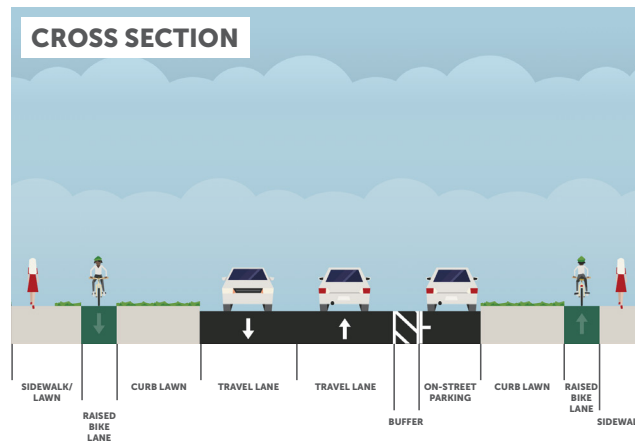
- Attracts most bicycle users
- Cycle Track is above the curb
- Bikes stay on west side of street, avoids conflicts at driveways and on-street parking
- Drivers on side streets may not expect bikes traveling northbound
- Transitions to Multi-Use pathway north of Villa Rd



EXAMPLE

SOUTH ETON ALTERNATIVE OPTION B: SEPARATED RAISED BIKE LANES IN BOTH DIRECTIONS

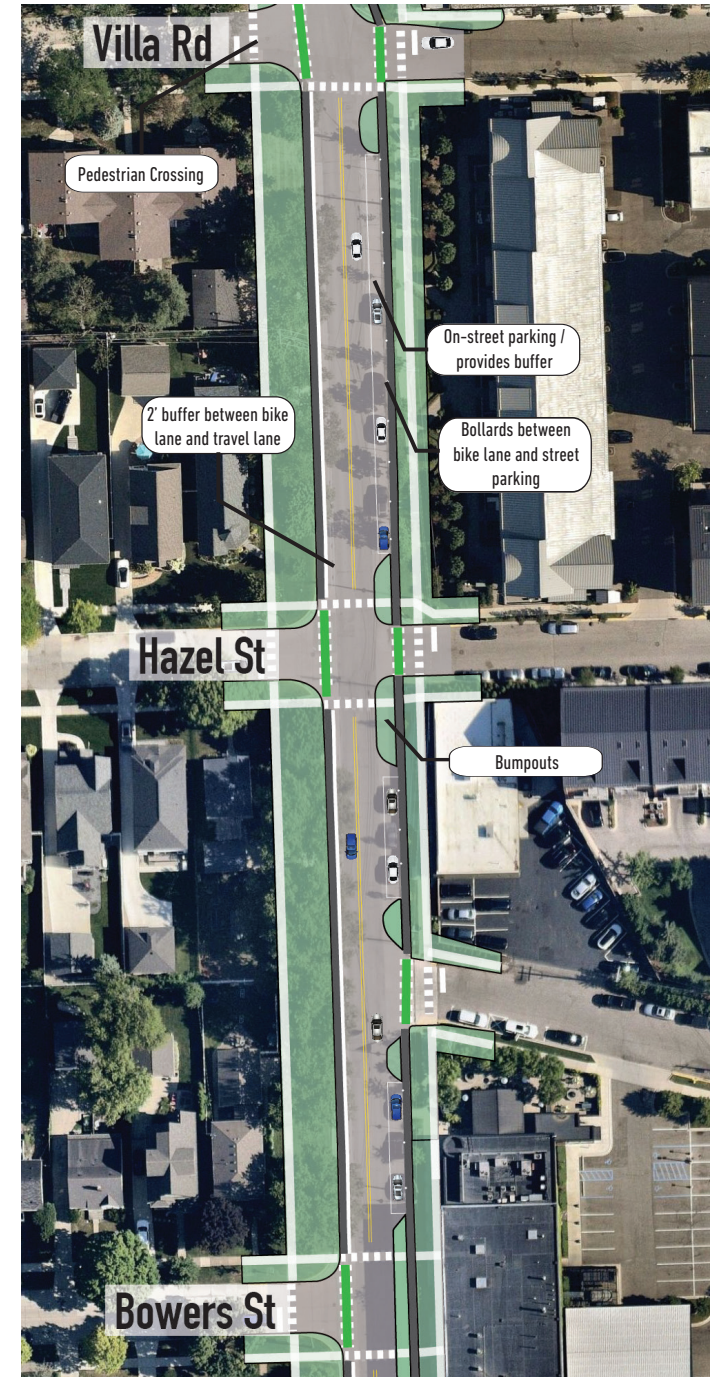
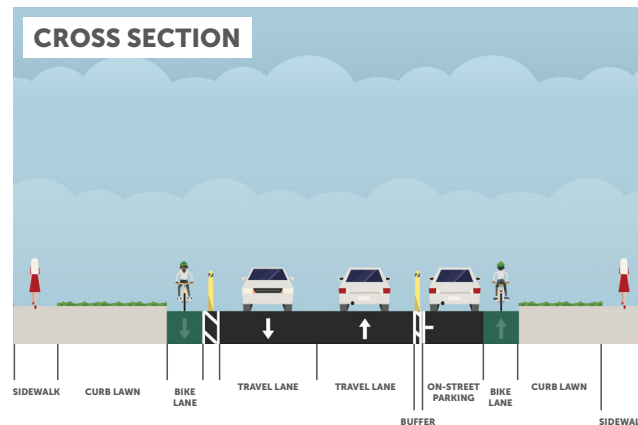
- Bikes travel in the same direction as cars along S Eton
- Bike lanes above the curb
- Parking remains along east side of S Eton
- Transitions to sharrows north of Yosemite Blvd or stays as raised bike lanes



EXAMPLE

SOUTH ETON ALTERNATIVE C: ON-STREET BIKE LANES BETWEEN STREET PARKING AND CURB

- Bike lanes along the street (below the curbs)
- Bike lanes adjacent to travel lanes
- On-street parking provides a buffer ,abuts the curb
- People exiting a parked car have to watch for cyclists
- People who park on-street may get confused, so bollards may be needed
- Most conflicts between vehicles and bikes



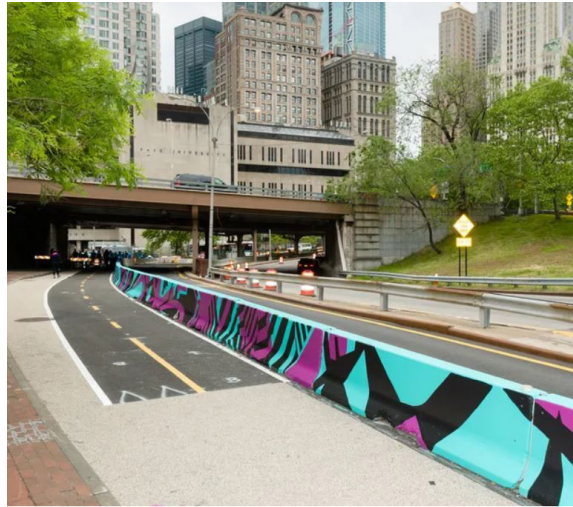
EXAMPLE

SOUTH ETON BUFFER OPTIONS

BUFFER OPTION EXAMPLES



PLANTER BOX BUFFER



CONCRETE WALL BUFFER



BOLLARD BUFFER



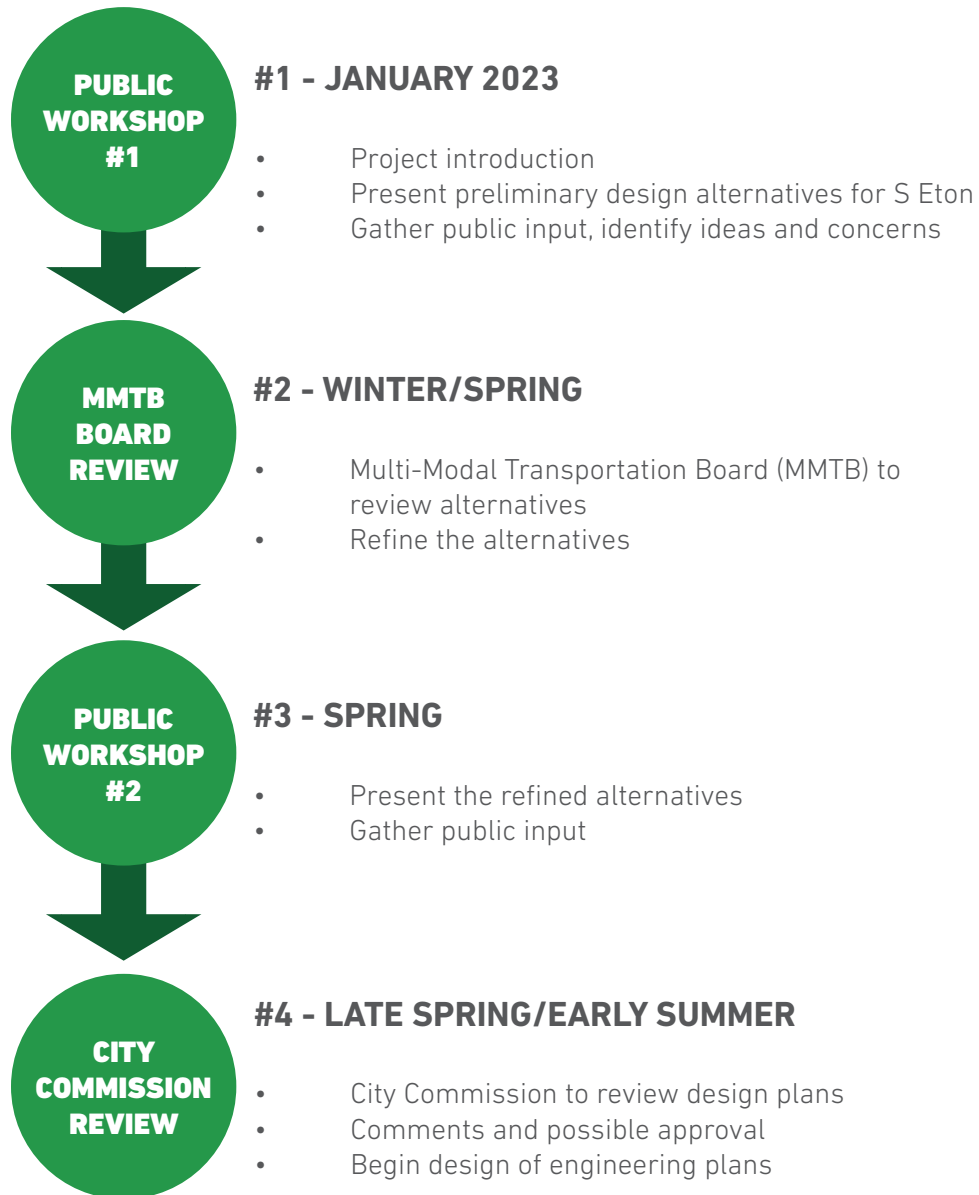
PARKING LANE BUFFER (EAST SIDE ONLY)



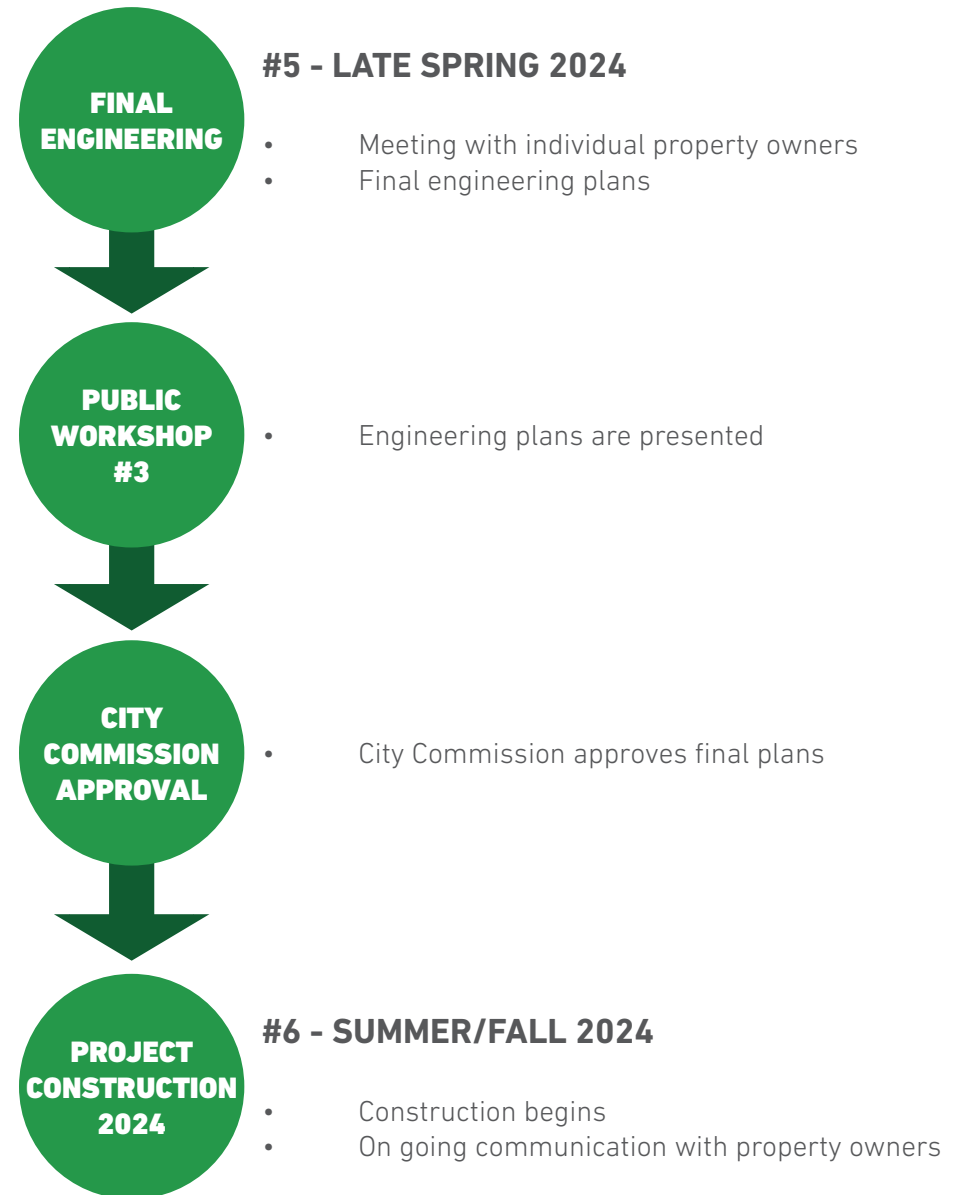
EXISTING CONDITIONS

PROJECT SCHEDULE - TENTATIVE

2023 SCHEDULE



2024 SCHEDULE



HOW TO STAY INVOLVED

- You can fill out the comment card at tonight's meeting to provide your feedback

S ETON ALTERNATIVES SHARE YOUR FEEDBACK

NAME: _____ EMAIL: _____

CHECK ALL THAT APPLY: ☐ LIVE IN NEIGHBORHOOD (ADAMS TO S ETON) ☐ CITY RESIDENT ELSEWHERE
☐ BUSINESS ALONG S ETON ☐ BUSINESS ALONG A SIDE STREET
☐ I VISIT BUSINESS ALONG S ETON ☐ I BIKE S ETON ☐ OTHER

WHICH ALTERNATIVE THAT WAS PRESENTED TODAY DO YOU FAVOR?

☐ ALT A ☐ ALT B ☐ ALT C ☐ KEEP S ETON AS IS ☐ CHANGE BUFFER ON S ETON ☐ I DON'T LIKE AN OF THESE

ARE THERE ANY OTHER IDEAS OR CONCERNS THAT YOU HAVE REGARDING S ETON?

- You can also reach out to City staff for questions about the project:

Brooks Cowan | City Planner
(248) 530-1850

bcowan@bhamgov.org

Melissa Coatta, P.E. | City Engineer
(248) 530-1850

mcoatta@bhamgov.org

You may also go to our Online Interactive Mapping tool to provide feedback on the project by scanning the QR code or by coping the link below:

The screenshot shows the socialpinpoint interface. On the left is a sidebar with 'About' and 'Activity' links. The main area is a map of Birmingham, Alabama, with various locations marked with pins and labels. A red line is drawn on the map, likely indicating the S Eton project area. In the bottom right corner, there is a large QR code. Above the map, there are icons for 'Drag to comment', 'Ideas and Suggestions', 'Something I Like', and 'Make a Comment'.

<https://mksk.mysocialpinpoint.com/birmingham-s-eton>