



Mayor's Bicycle Advisory
Commission 12.01.2021
- November Meeting -

Agenda

1. Approve October minutes
2. Community Updates and Presentations
 - a. Recurring Community/City Events
 - b. Special Events
 - c. Other public announcements
3. City Updates
 - a. Mayor's Office
 - b. Planning
 - c. BPD
 - d. BCRP
 - e. DOT
 - Central Avenue: Complete Streets
 - Dockless Vehicle Update
 - MTA: North Avenue Rising
 - Bike Program Projects
4. Miscellaneous Business
 - a. Next meeting is December 29th



Community Events

Recurring Rides & Events:

- Magical Monday: Druid Hill Basketball Courts, 6:00 pm
- Crank Mavens WTF ride: NW Corner of Washington Monument, 7:00pm
- Tuesday Lake to Lake: Druid Hill Basketball Courts, 6:00pm
- Taco Tuesday Ride: Washington Monument (sometimes joins Lake2Lake), 6:30pm
- Fly Wheels Thursday Night Ride Out: Madison Ave arches, 6:30pm
- Thursday Night Indeterminately Names Baltimore Social Ride, locations changes: 7:30pm
- Saturday Coffee Ride: 10am at 32nd Street Farmer's Market

Special Events:

Thursday December 30

Bike Party: New Year's Eve Eve

St Mary's Park, 7:00pm

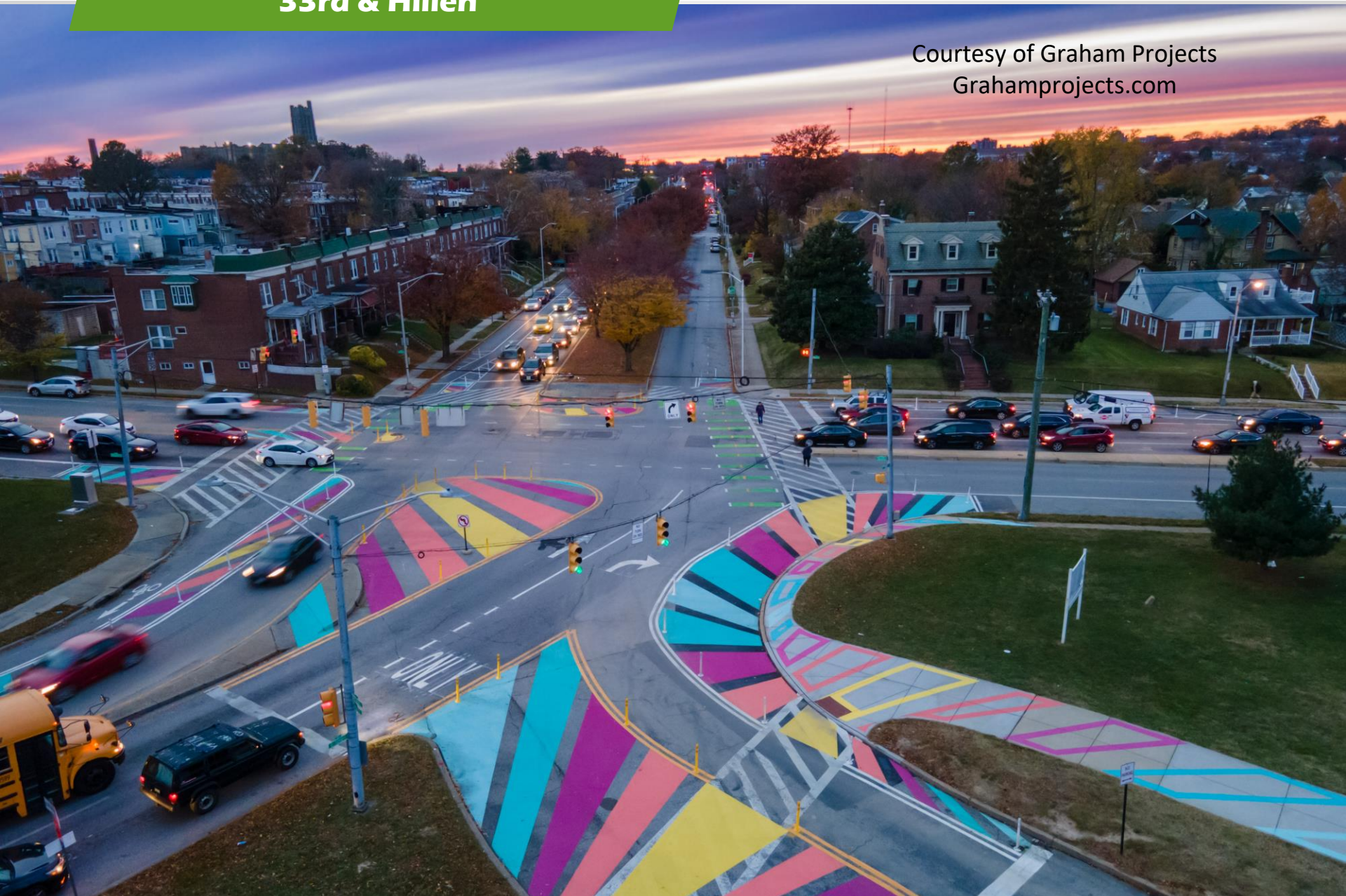
Submit community events at <https://www.bikemore.net/submitevent>

Lake 2 Lake Play Day



33rd & Hillen

Courtesy of Graham Projects
Grahamprojects.com



33rd & Hillen



Courtesy of Graham Projects
Grahamprojects.com

Mayor's Office Updates

MBAC Awards – Nominations & Awards

Nomination link: <https://form.jotform.com/202235886499166>

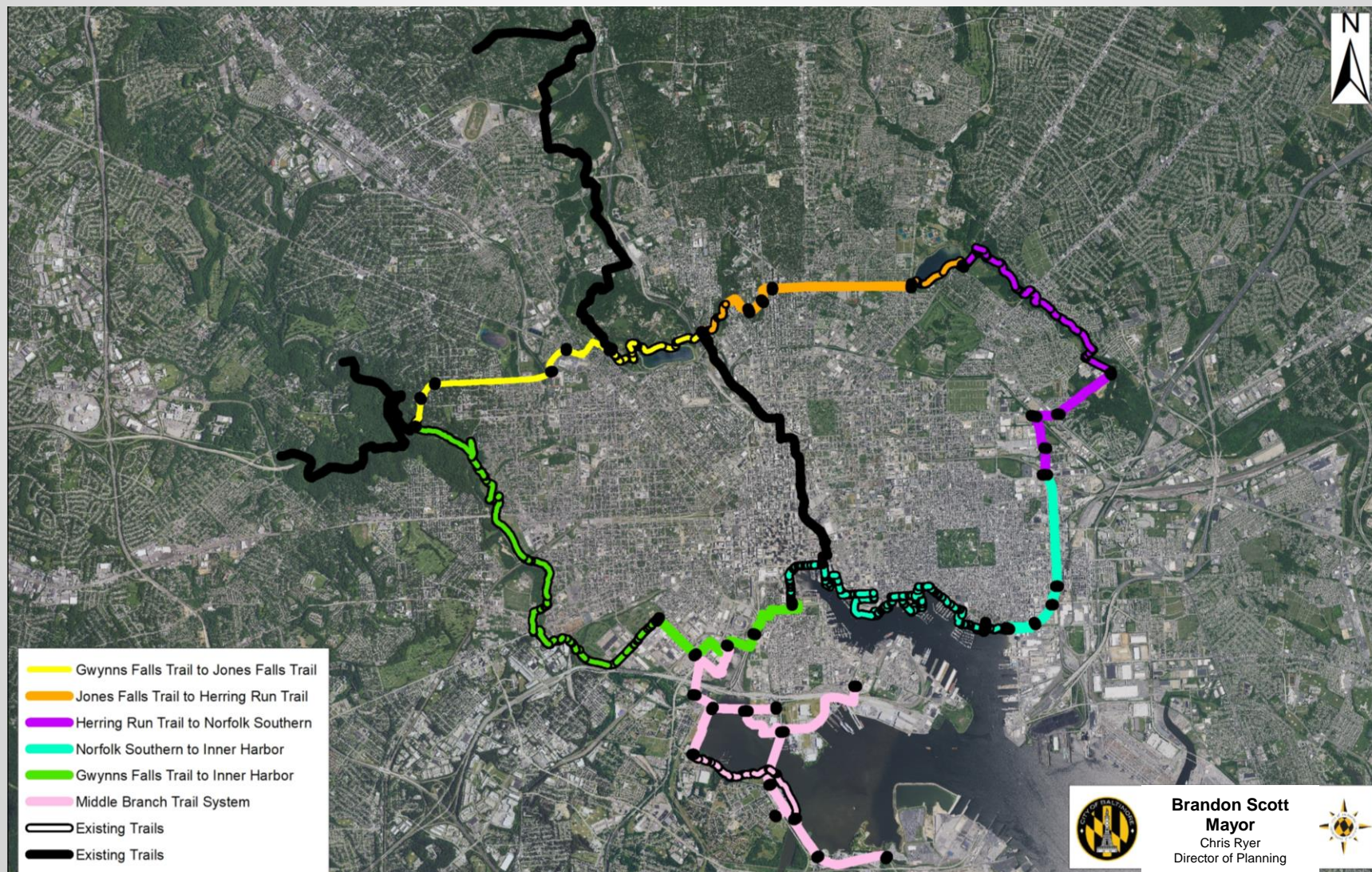
- Review nominations
- Call for volunteers to review and select award winners
- Confirm committee members and schedule (MH)



THE OBJECTIVE of the mayoral awards is to encourage and acknowledge the efforts and contributions to the Baltimore City Community through biking made by **(1) ORGANIZATIONS, (2) BUSINESS, (3) INDIVIDUALS & VOLUNTEERS,** and **(4) YOUTH.**

Updates: Planning

City Planning: Zoning and Baltimore Greenway Trail Network



Updates: Planning

City Planning: Zoning and Baltimore Greenway Trail Network

November Updates

- **ARPA Application**

- 1. Greenway Loop application was not accepted**

- Received feedback, and advice on the submission
- Plan to resubmit once appropriate changes have been made

- 2. Centralized Local Routes for All Users**

- Meg called to and led our first subcommittee meeting
- DoP currently developing two options for visualization;
 - 'Slideshow' interactive web map (easiest, and currently in production)
 - Storymap/ESRI Hub page (more intensive long-term goal, with greater benefits to the MBAC community)

MBAC Bike Routes

GIS map which can be embedded in various websites:

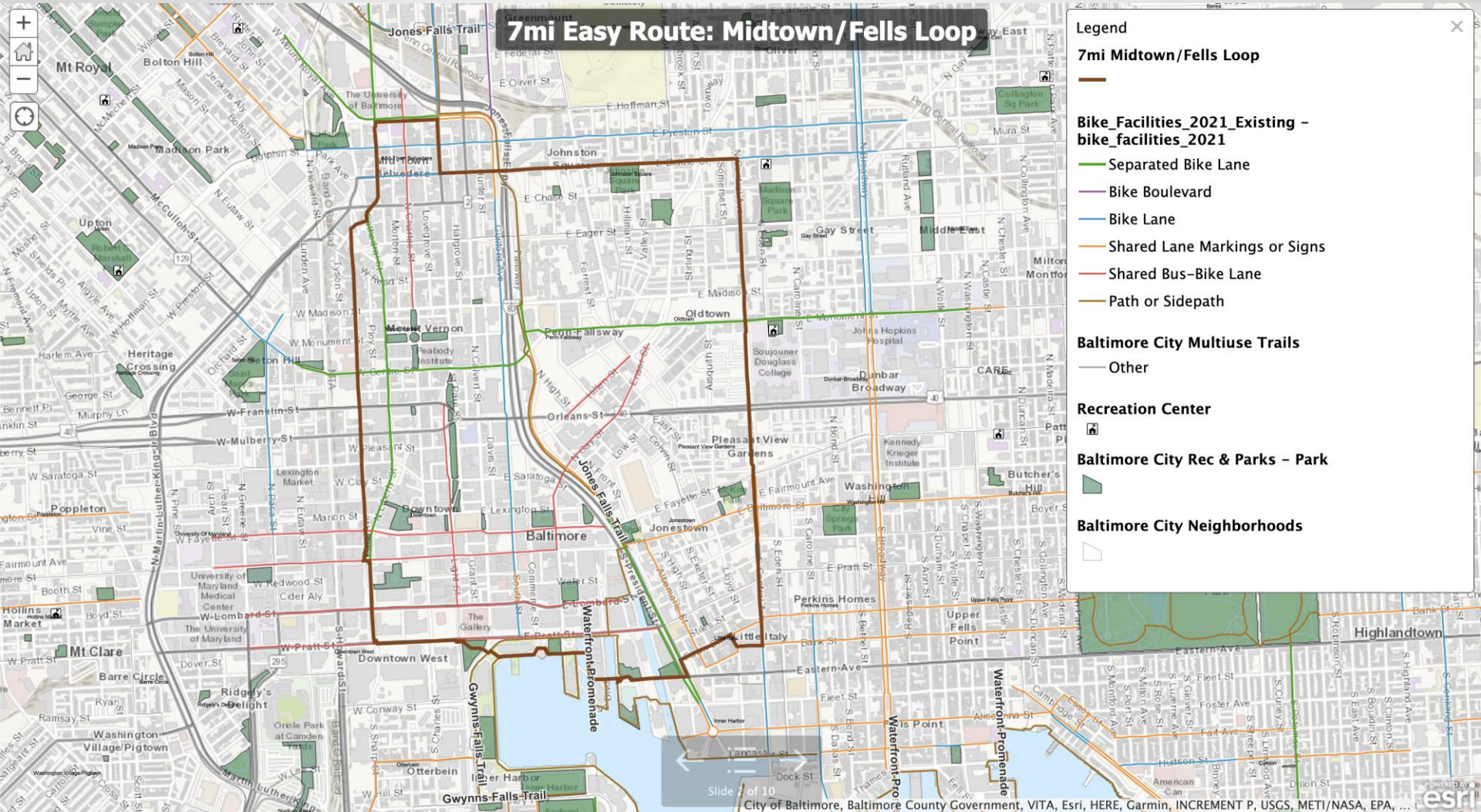
- MBAC, DOT, DOP (city websites)
- Potential external sites: Visit Baltimore, Downtown Partnership, Bikemore

Rides are layers which can be turned off/on:

- Icons for dangerous crossings, hints, etc.
- Tags for searching: Mountain biking, Penn station, Kids, Light Rail
- Print option with map and turning queues
- Link to Strava

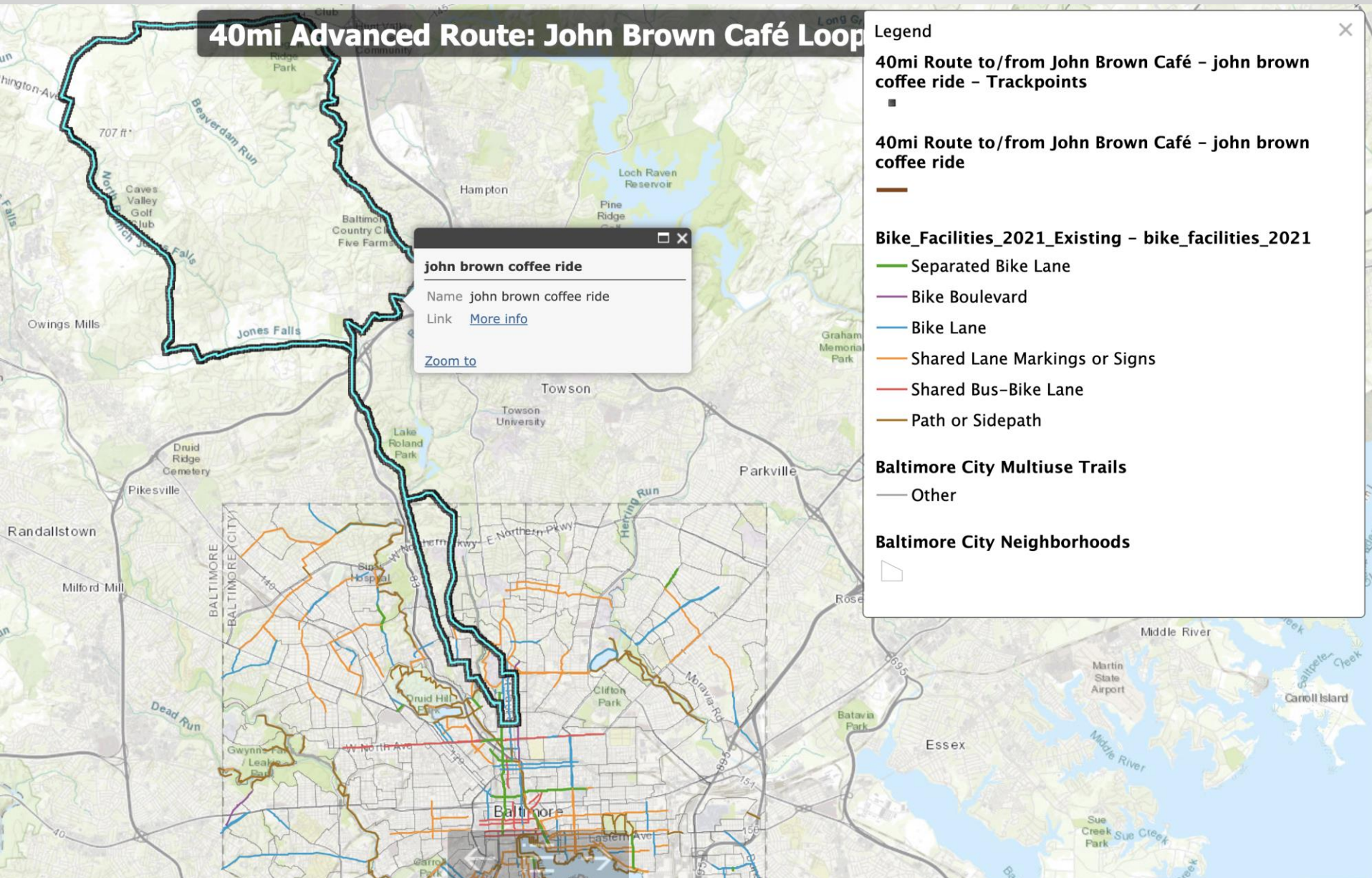
	<u>Ride Level 1</u>	<u>Ride Level 2</u>	<u>Ride Level 3 (advanced)</u>	<u>Touring and Mountain Biking</u>
Length	Under 10 Miles	~10-15	15 plus	Philly DC Annapolis BWI Mountain Biking: -Herring Run -Gwynns Falls -Druid Hill -Stony Run -Liberty Reservoir -Loch Raven Reservoir -Lake Roland -Patapsco State Park -Rockburn Branch Park
Elevation	Minimal	Some hills	Anything	
Traffic Safety	1 (all trails or separated)	2 (separated, trails, bike lanes)	3 (anything goes, but focus on bike facilities)	
Routes	Patterson Park Leakin Park 1 & 2 Herring Run Middle Branch Carroll Park Loop Druid Hill Loops Kelly Ave GFT Nearby beginner trails (just list): Ben Cardin Trail, NCR, Indian Head Trail	JFT Penn Station loop Camden Station W Baltimore MARC Visitor Center	Various routes, popular routes on Strava	

Updates: Planning



Updates: Planning

40mi Advanced Route: John Brown Café Loop



Updates: BPD

No “November” updates



Updates: Rec & Parks

Updates:

- 2021 program results
- 2022 program plan
- Pump track
- Bike rack update



Updates: Rec & Parks

2021 Program results:

Lake Montebello: 300 on Thursday's. 796 on Saturday's. Total 1,096 participants.

Druid Hill: Total 159 participants on Wednesday's.

Rec Centers: Gwynns Falls 146 participants. Jones Falls 145 participants. Total 291 participants.

Bocek Pump Track: tracked 50 participants through our weekly Thursday 3 hour visit.

Lake to Lake event: 58 participants.

2022 Program plan:

Add additional bike programs at Carroll Park, Learn to Ride at Rec Center camps, Kids on Trails program in partnership with Baltimore National Heritage Area with local schools on Gwynns Falls to Fort McHenry and pump track in more communities.

Pump Track:

We took the pump track down from Bocek mid November and plan to install at Carroll Park in early spring 2022.

Bike Racks:

Maintenance is still waiting for cement to begin installation of 50 bike racks at Rec Centers.

Updates: Rec & Parks

Gwynns Falls Trail Reopening at Edmondson Bridge





Brandon M. Scott
Mayor



Central Avenue Streetscape: Proposed Design Changes

Steve Sharkey, Director
December 1, 2021
MBAC Meeting

Construction Status



Brandon M. Scott
Mayor



DEPARTMENT OF TRANSPORTATION
BALTIMORE CITY

Construction Status

- Concrete/Roadway Work Complete in Summer 2022
- Striping to Follow in Summer/Fall 2022



How Can it Be Made Better at This Stage of Construction?



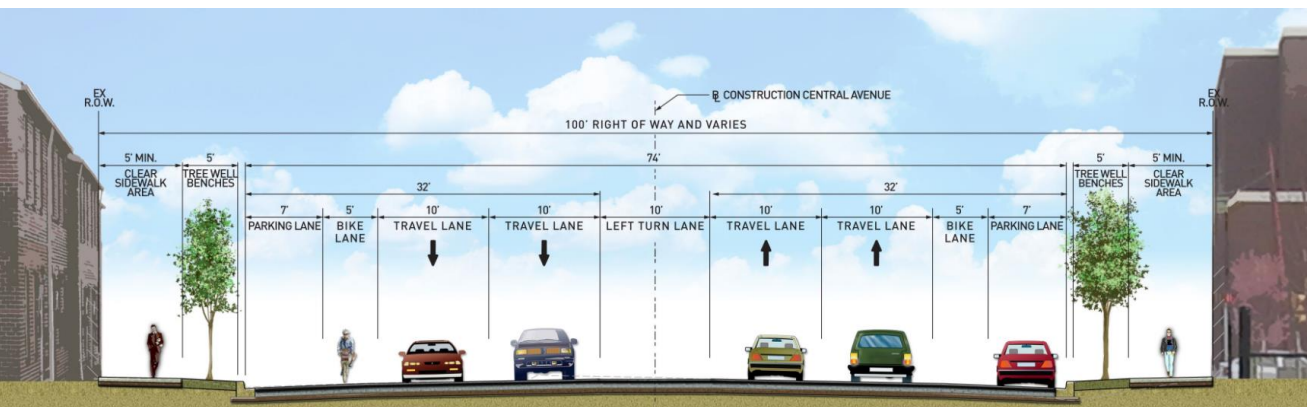
Brandon M. Scott
Mayor



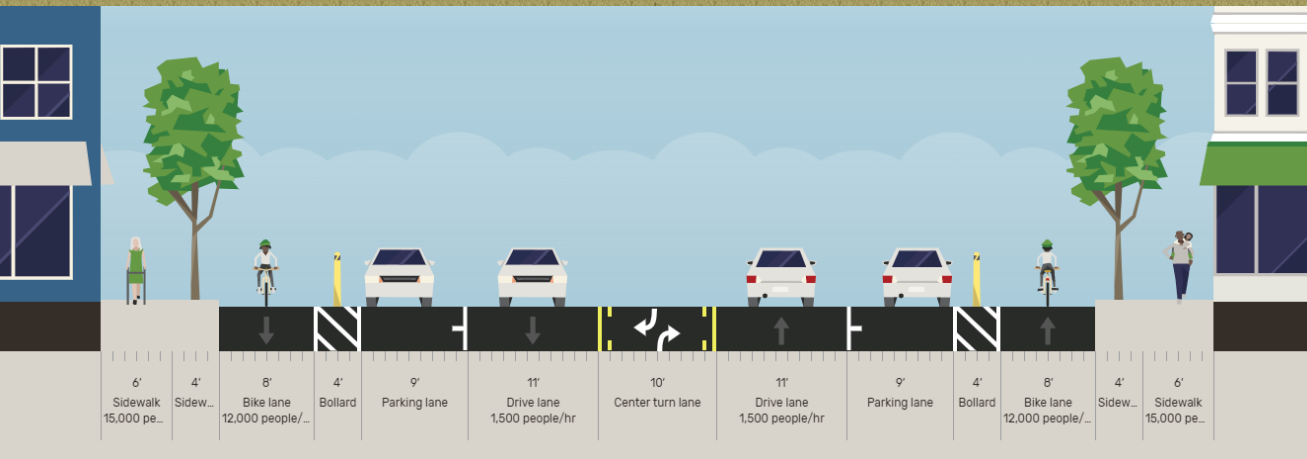
DEPARTMENT OF TRANSPORTATION
BALTIMORE CITY

Fleet Street to Monument Street

Original Design



Proposed Redesign



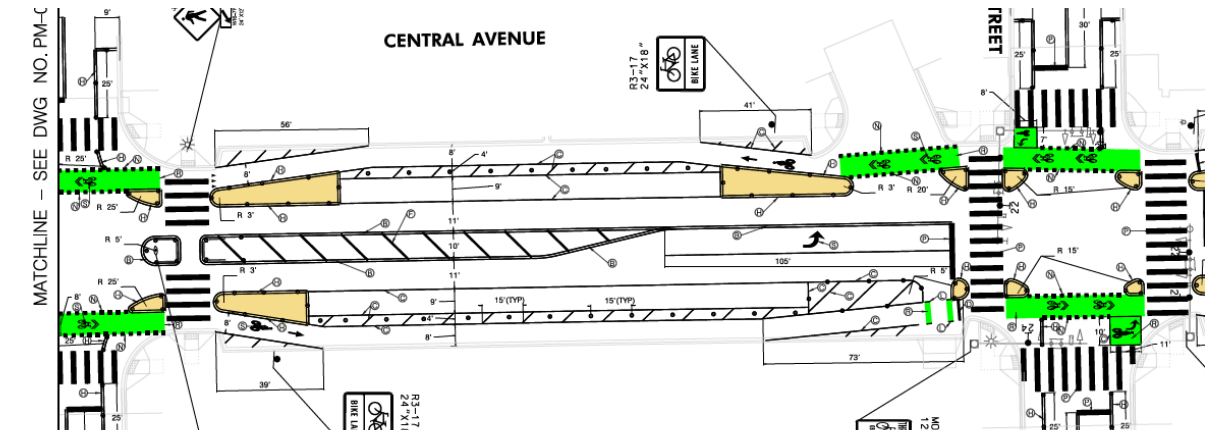
How Can it Be Made Better at This Stage of Construction?



Brandon M. Scott
Mayor



Proposed Redesign
Plan View Near
Bank Street and
Gough Street



How Can it Be Made Better at This Stage of Construction?

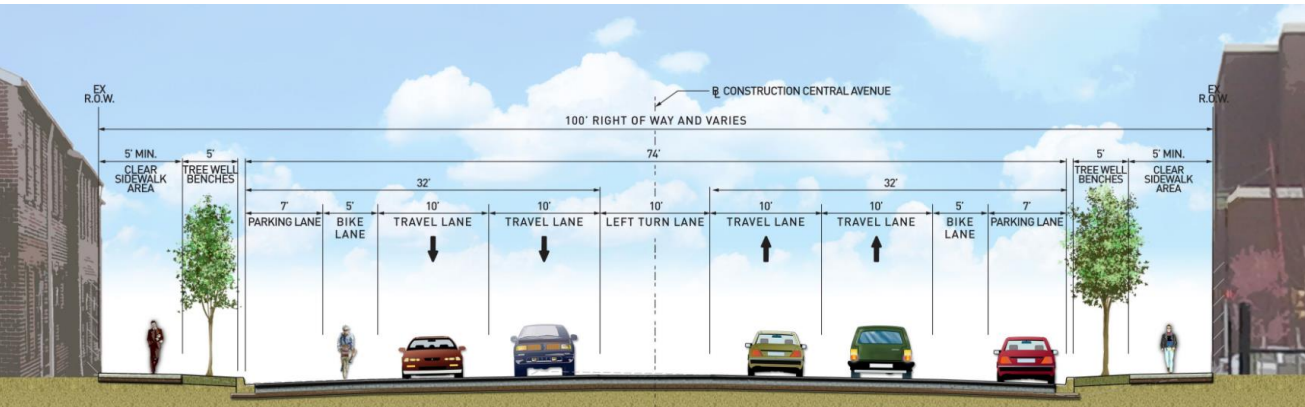


Brandon M. Scott
Mayor

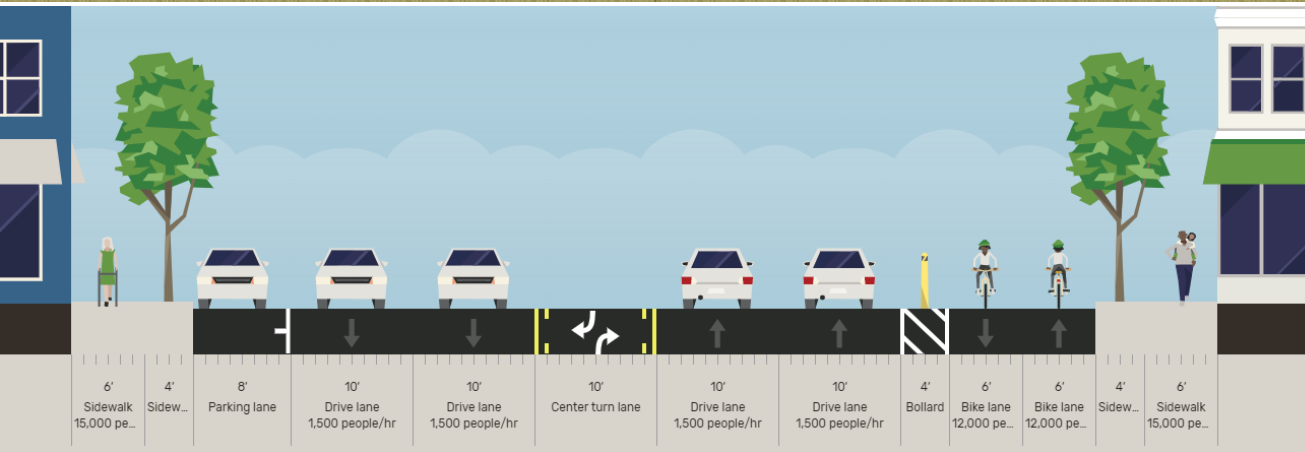


Dock Street to Fleet Street

Original Design



Proposed Redesign



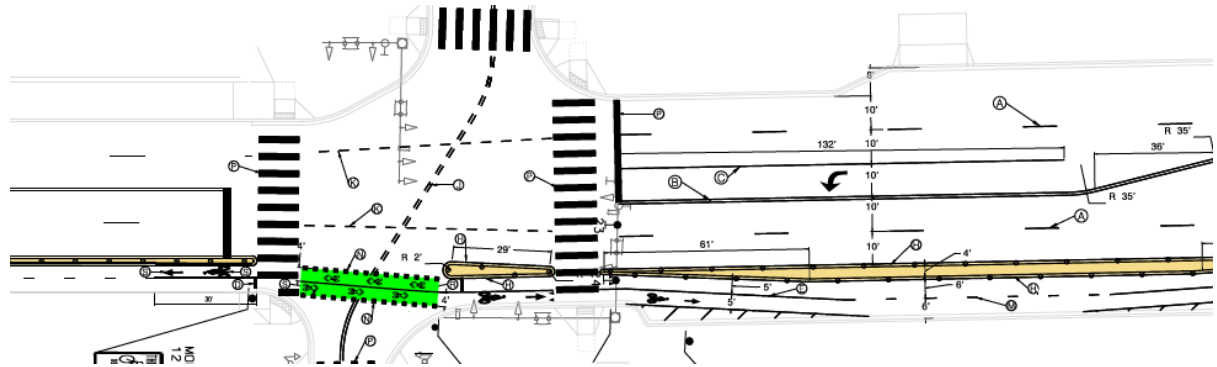
How Can it Be Made Better at This Stage of Construction?



Brandon M. Scott
Mayor



Proposed Redesign Plan View Near Lancaster Street



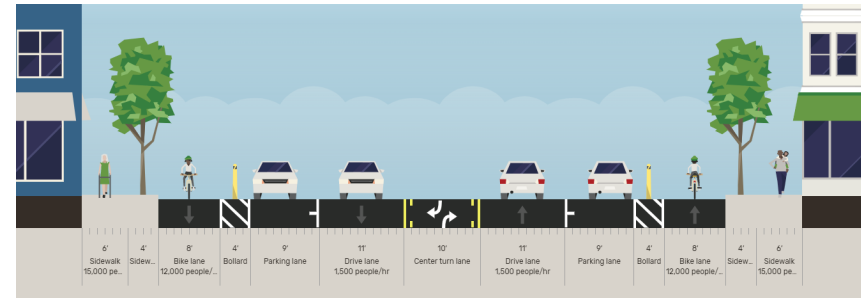
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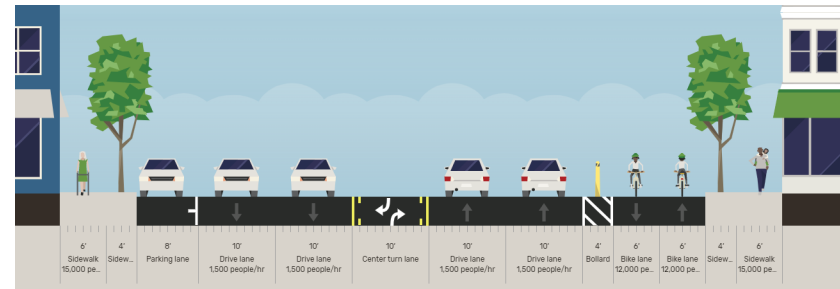
Brandon M. Scott
Mayor



- Proposed 2/3 Travel Lanes
- One-Way Cycle Tracks on Each Side of Street
- Parking Remains on Both Sides of Street

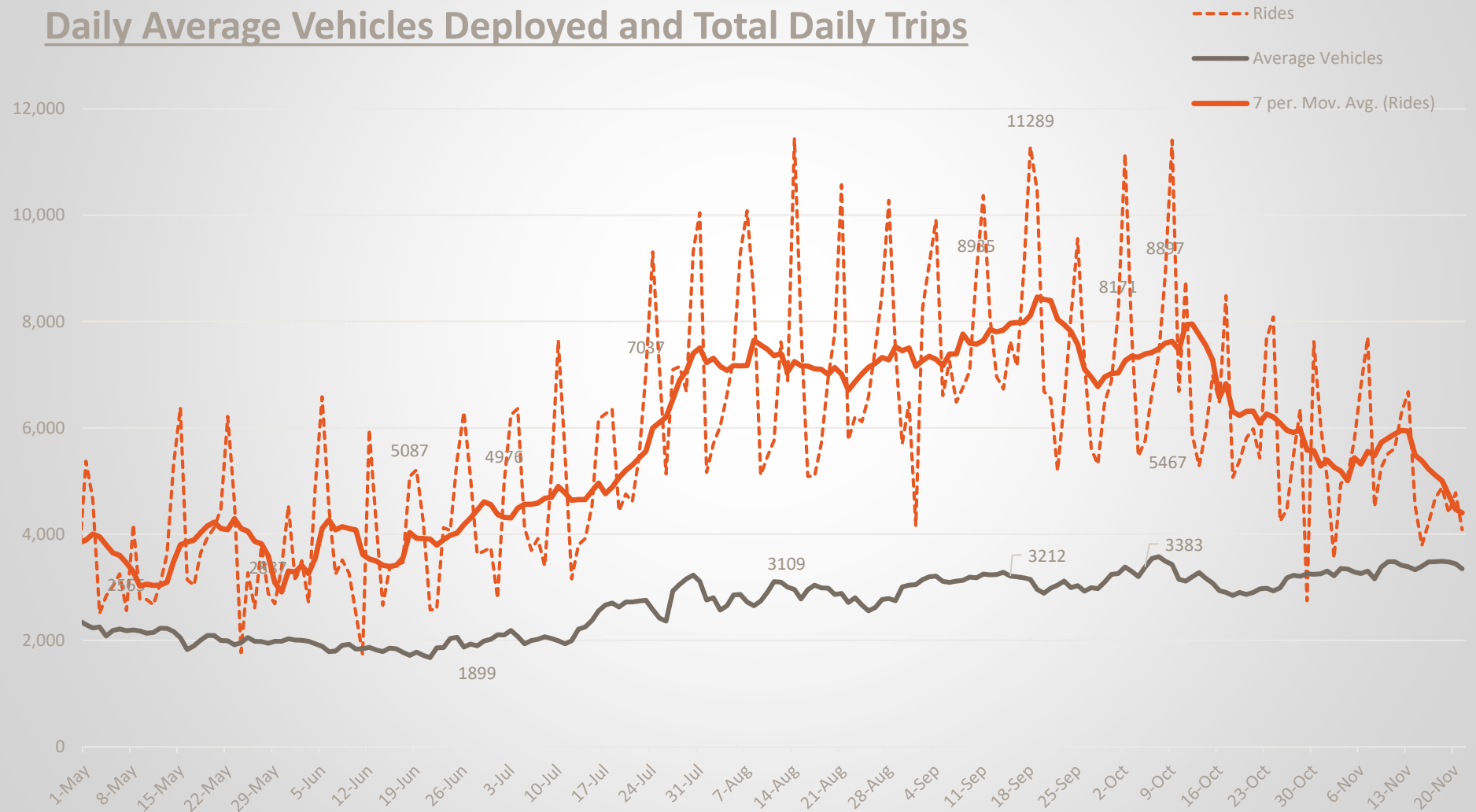


- Proposed 4/5 Travel Lanes
- Two-Way Cycle Track on East Side of Street
- Parking Elimination or Peak Restriction on East Side of Street



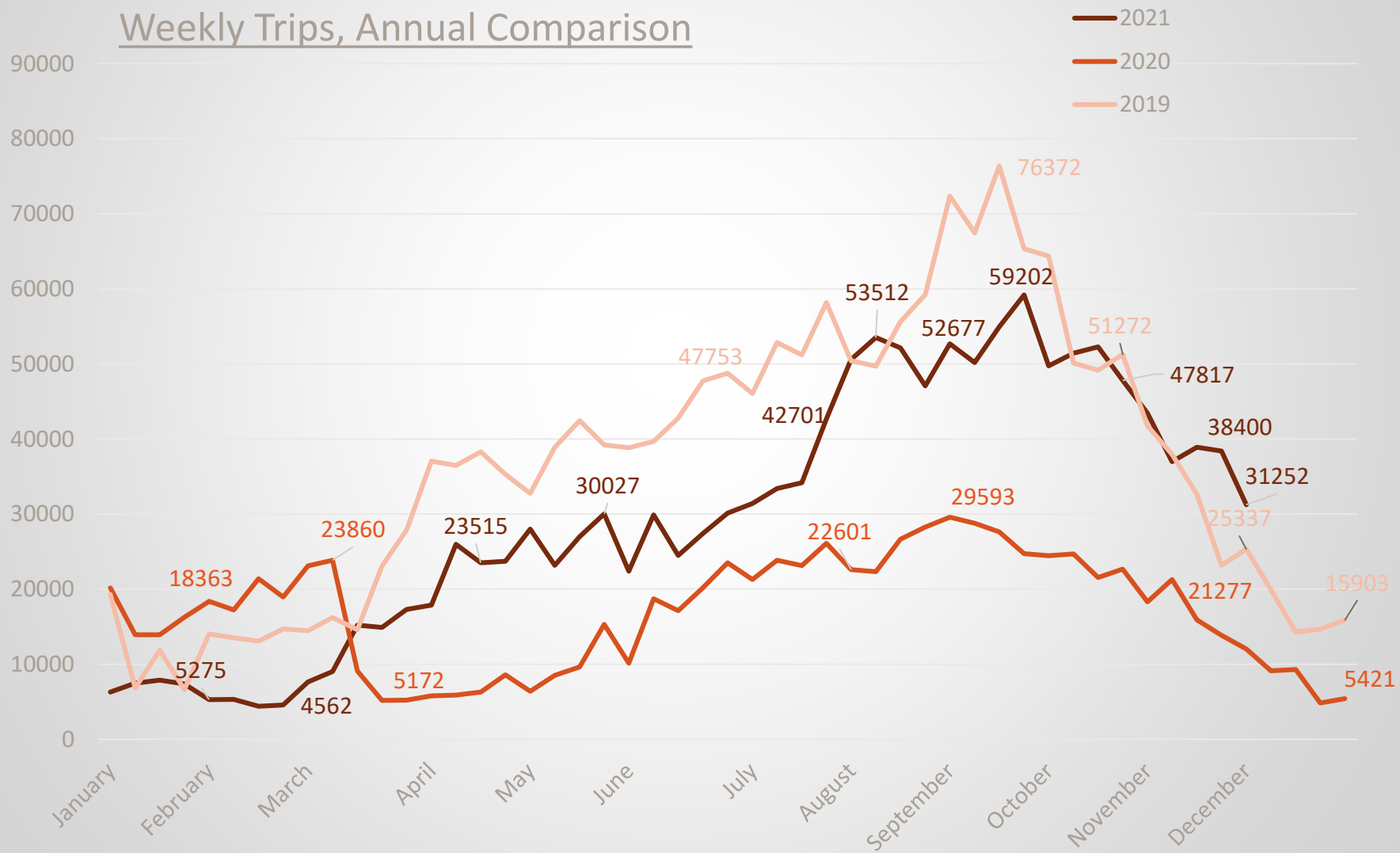
Dockless: Data Updates

Daily Average Vehicles Deployed and Total Daily Trips



Dockless: Data Updates

Weekly Trips, Annual Comparison



Dockless Updates

Corrals Installation to date:

- Newest corrals include first in-street “daylighting”

Winter Projects:

- Infrastructure priorities and maintenance
- JHU Equity Survey and annual survey
- Vandalism response


Policy Updates:

- Annual Policy revisions start in December, DVC meetings moving to quarterly
- 6 month update on program and expenditures to be released in January 2022
- <https://maps.populus.ai/baltimore/policies>



Policy Updates

- Training Course for Baltimore City School Police – to be required in-service training during winter break
- Personal Delivery Device Pilot – Overseen by MVA, but local regulations outlined
- MDOT/MTA – Now allowing personal e-bikes (under 50 lbs) and personal folding e-scooters on transit vehicles
- Federal Funding – Micromobility now eligible for STP and CMAQ funding, commuter tax benefits still in TBD



0% COMPLETE

- Lesson Objectives
- Baltimore City School Policies
- Crashes and Reducing Severity
- Mode Choice, Laws & Reporting
- Resources
- COMPREHENSION CHECK
- Thank You

Lesson 1 of 7

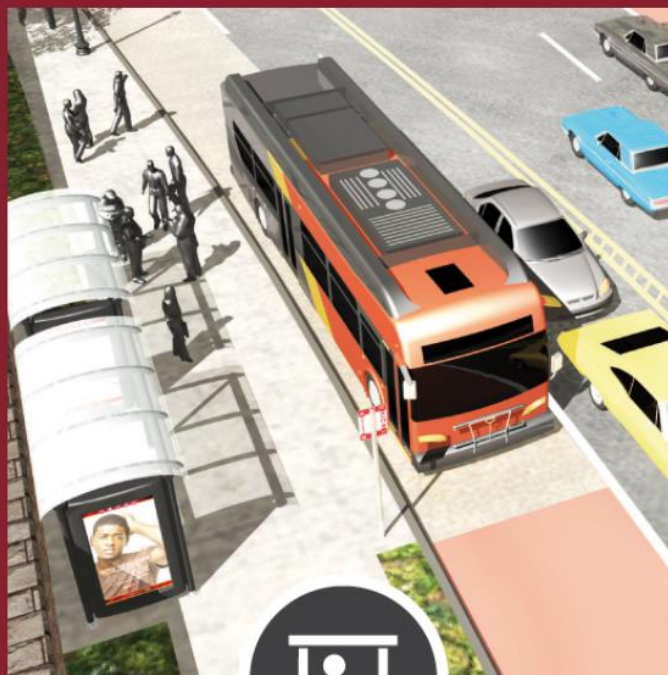
Lesson Objectives

- ☐ Officers will learn about Baltimore City School policies to promote safety and sustainable transportation such as biking and walking to school.
- ☐ Officers will be able to explain Baltimore's Complete Streets ordinance and how it impacts road design.
- ☐ Officers will be able to identify factors that can lead to crashes with severe and fatal injuries.
- ☐ Officers will be able to explain the role of traffic enforcement in promoting safety.
- ☐ Officers will understand why people use modes of transportation other than motor vehicles.
- ☐ Officers will be able to follow procedures to protect everyone on foot, on bike, or taking the bus.

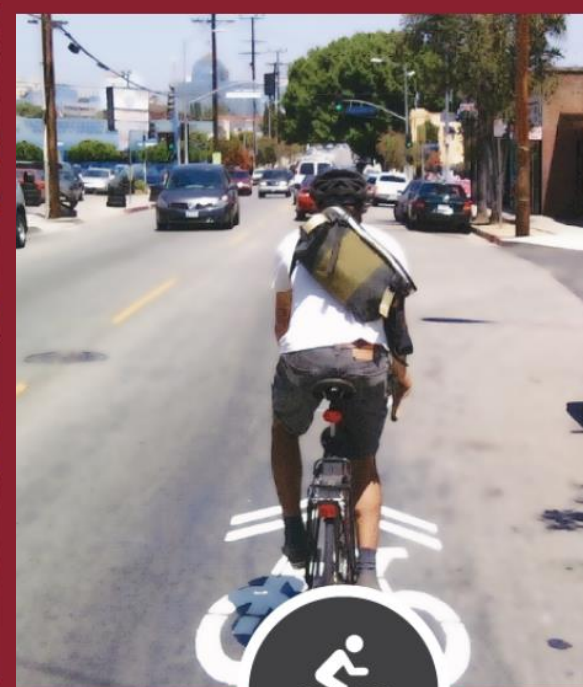
MTA – North Avenue Rising



Dedicated Bus Lanes



Enhanced Bus Stops



Bike Facilities

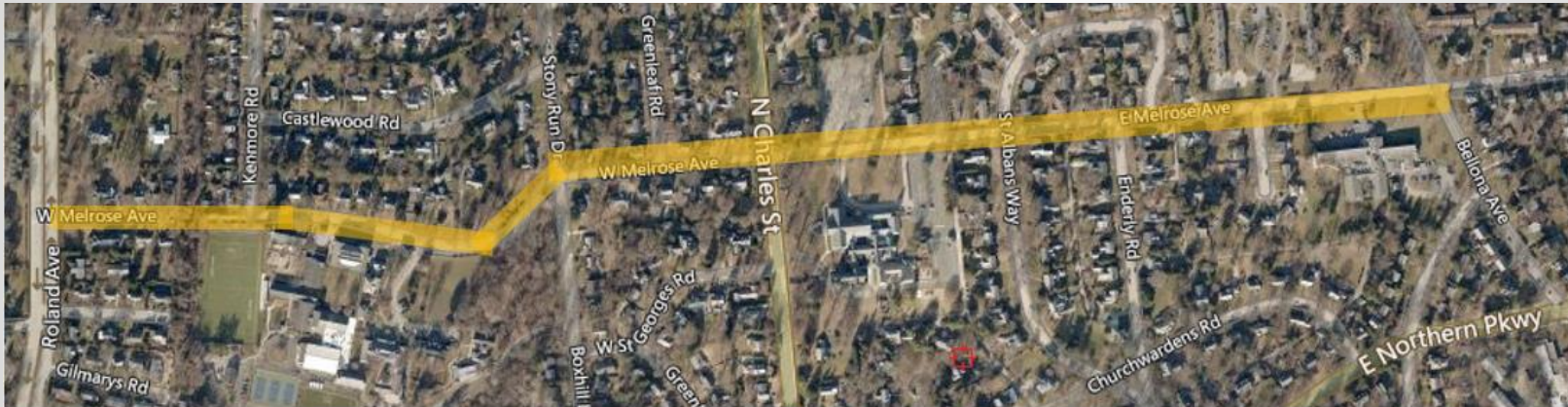
Updates: DOT THIS MONTH

Task	Partners	Notes
Eutaw Place Concept Development	Study led by McCormick Taylor	Public meeting Nov. 16. Finalizing design.
Wolfe/Washington Existing Conditions Analysis	Study led by RKK	Third public meeting tentatively rescheduled for Spring 2022.
Bush Street Concept Development	Study led by Toole Design Group	Met with Carroll Camden Business Association. Advancing to 65% design.
Bush Street Survey		
Melrose Avenue Construction	DOT Internal	Striping and bike friendly grates installed. Signal procurement and scheduling installation.
Greenway Trail Network – Northern Segments	Study led by RKK	Second phase of outreach tentatively scheduled for Jan. 17, 18, 19 th . Three meetings in various neighborhoods.
Big Jump Assessment Data Collection/Analysis	Study led by Toole Design Group	Evaluation report released.
Big Jump Relocation		Coordinate DPW with construction schedule.
Middle Branch	DOT Internal; MDOT/SHA	Successful project extension. Choose consultant and execute task.
Rapid Enhancement Plan (REP)	DOT Internal	Bikeways grant award. Prioritize West Baltimore Bike Boulevard.

Melrose Avenue - Bike Boulevard

Project Limits: Roland Avenue to Bellona Avenue

- This Project will improve pedestrian and bicycle safety and connectivity along Melrose Avenue.
- Installed pavement markings, bike “sharrow” stencils, bike friendly grates. Signage forthcoming.
- Purchasing signal equipment for Charles Street intersection.





Background

The Baltimore City Department of Transportation (BCDOT) is exploring design options for bike infrastructure along Eutaw Place/Street. This project corridor was identified in the City's 2017 Separated Bike Lane Network Plan (SBLNP) and was awarded a state Bikeways grant to complete design from the Maryland Department of Transportation (MDOT) in 2018.

Location

The project corridor is along Eutaw Street/Place from Druid Park Lake Drive, crossing North Avenue and M.L.K. Jr. Boulevard, to Druid Hill Avenue/Centre Street. This will provide a vital link to the City's bike network connecting Druid Hill Park and the "Big Jump" shared use path through several neighborhoods to the Centre Street cycle track and downtown access.

Druid Park Lake Drive Study

DPLD Study Project Webpage:

<https://transportation.baltimorecity.gov/dpldcsdesigneffort>

Public Comment Closes December 17th, 2021

Three preliminary concepts for Druid Park Lake Drive

Single Lane in Each Direction



Druid Park Lake Drive Study

DPLD Study Project Webpage:

<https://transportation.baltimorecity.gov/dpldcsdesigneffort>

Public Comment Closes December 17th, 2021

Two Lanes in Each Direction



Hybrid Concept



This project is nearing the end of the study phase and is not currently funded for design advancement.

North Avenue Rising

Mayor's Bicycle Advisory Commission Meeting
December 1, 2021

NORTH AVENUE RISING

Scope of North Avenue Rising



- Dedicated Bus Lanes
- Roadway Repaving
- Transit Signal Priority
- Enhanced Bus Stops
- Streetscaping
- Bike Share Docks
- Metro Station Improvements
- Intersection Reconstruction
- Bike Boulevard/Traffic Calming

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Agenda:

- Bike Boulevards (20th & Baker Streets)
- Shared Mobility Corrals
- Shared Bus/Bike Lane Enforcement
- Mt. Royal Cycletrack
- Cycletrack (Maryland to Mt. Royal)
 - Changes at Maryland Ave intersection
 - Howard St intersection & separation over the bridge
 - Design and signal timing at McMechen
 - Temporary signage
- Questions

Bike Boulevards

- 20th Street
 - Contraflow bike lane from Maryland Avenue to Kennedy Avenue
 - Connects Maryland Ave Cycletrack to Cecil Elementary
 - Parking changes but limited loss of parking
 - Repaving started week or two ago
 - Hoping that striping and flexposts can go in after repaving is completed
- Baker Street
 - Focused on pedestrian safety
 - Mix of speed humps and intersection neck-downs

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NORTH AVENUE RISING



NORTH AVENUE RISING

Shared Mobility Corrals

- All 11 along the corridor have been striped by Meg Young and her team
- Waiting for bike racks for the Phase II sites

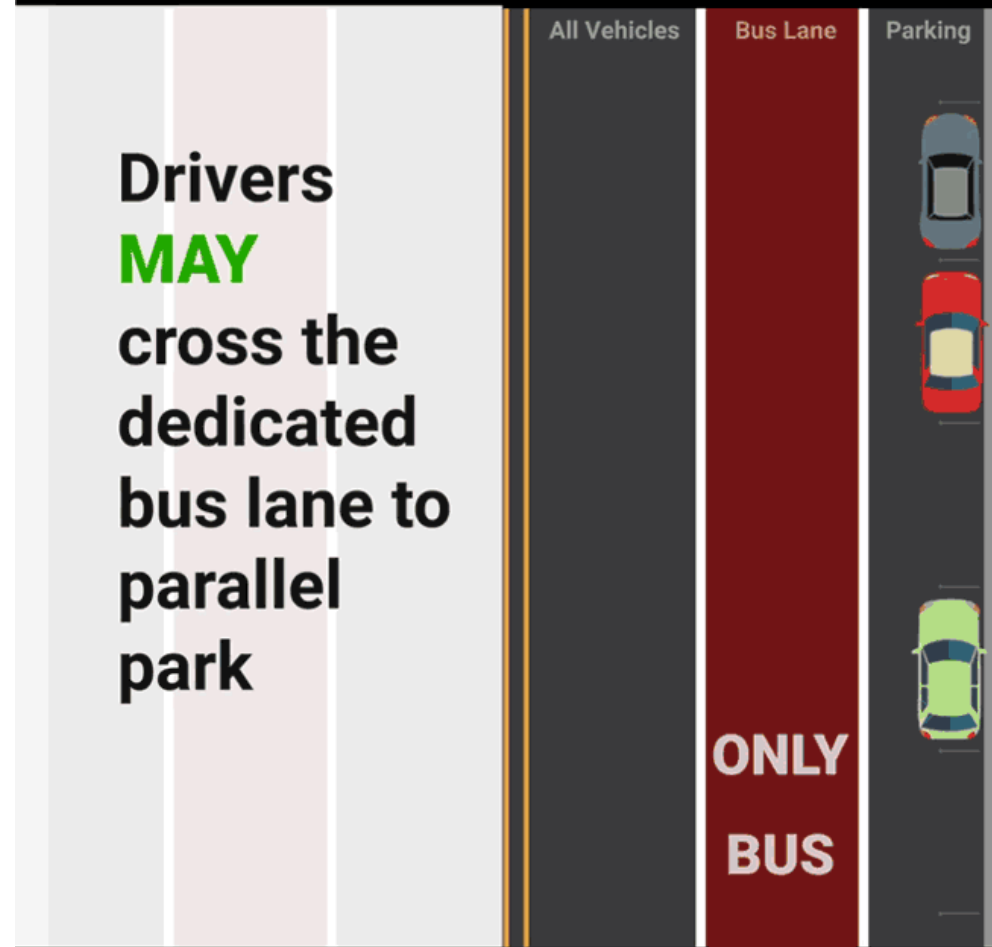


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Shared Bus/Bike Lane

- Press release went out Nov. 2
- Enforcement by MDOT MTA Police has started
- Hopeful for photo enforcement bill
- Not an 8 to 80 facility, but still a good bike facility and bike use would help reduce the lane violations
- As with all bus lanes, would recommend being aware of surroundings and deferring to buses when possible

NORTH AVENUE RISING



NORTH AVENUE RISING

Mt. Royal Cycletrack

- Working to include construction of this in additional work to take place in Spring of 2022
- Still waiting for final sign off from MICA re: loss of on-street parking
- Some design issues that need to be nailed down

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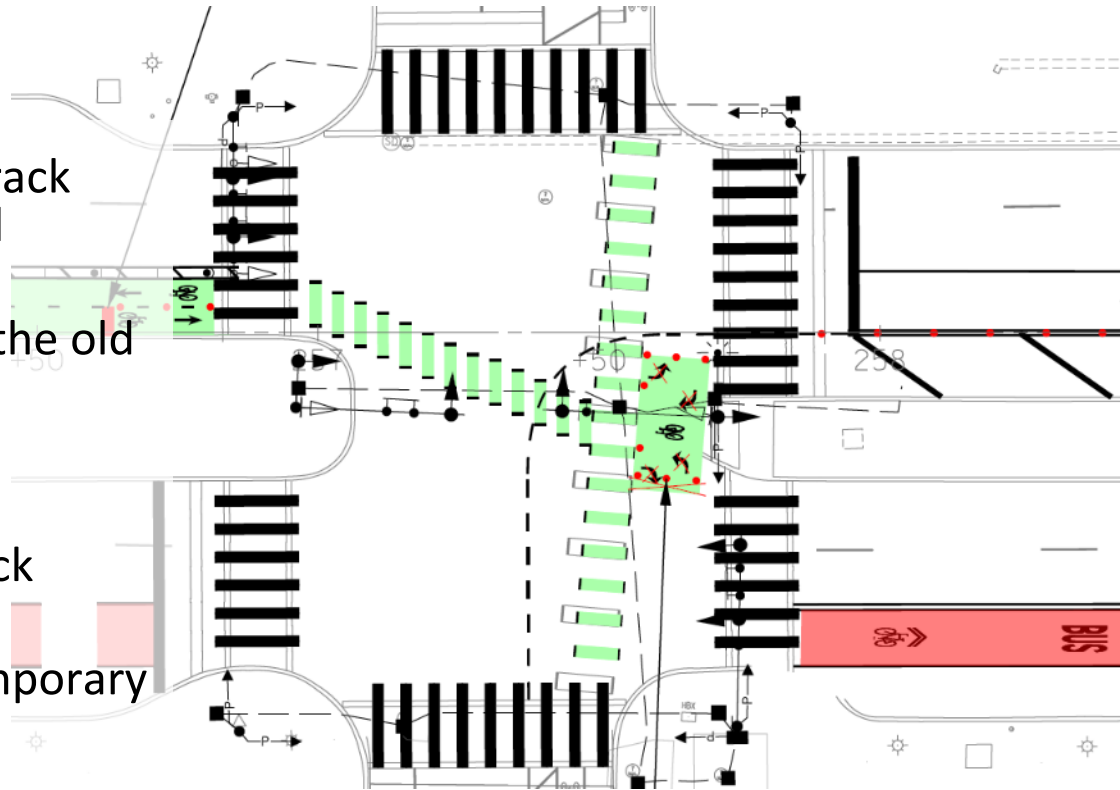
North Avenue Cycletrack

- Still working to address some safety issues before it can be reopened
- Signage at Maryland Avenue to clarify turning movement
- Separation on the bridge over the Jones Falls Valley
- Signal timing issues at McMechen & JFX On-Ramp
- Bicycle-Friendly Grates from I-83 to Mt. Royal

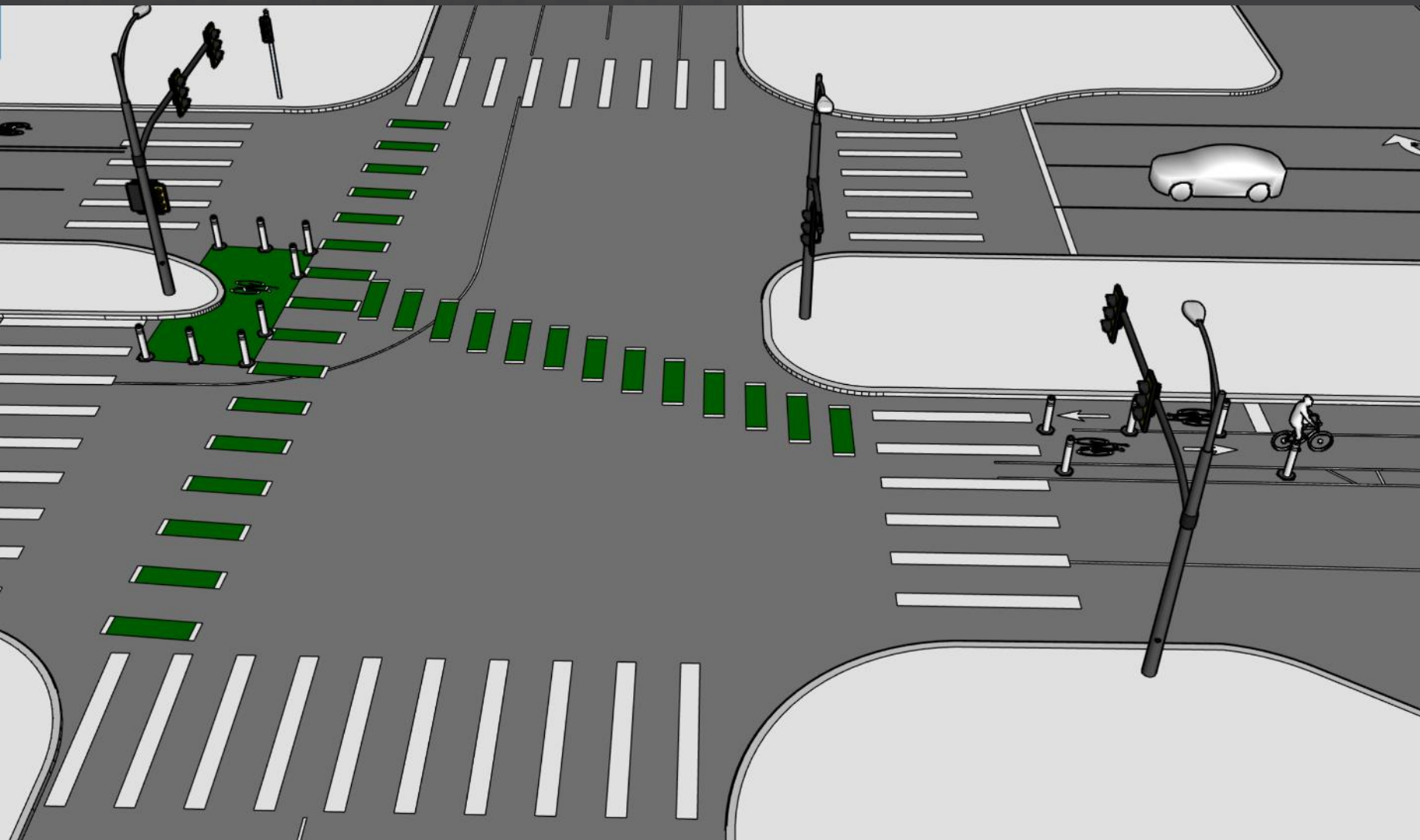
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Maryland Ave

- Adding flexposts to all Cycletrack entrances to reduce potential confusion by drivers
- Adding flexposts to block off the old left turn bay
- Shrinking, protecting, and simplifying the Bike Box
- Adding stop bars for Cycletrack segment ends
- Signage plans will start as temporary and then become permanent



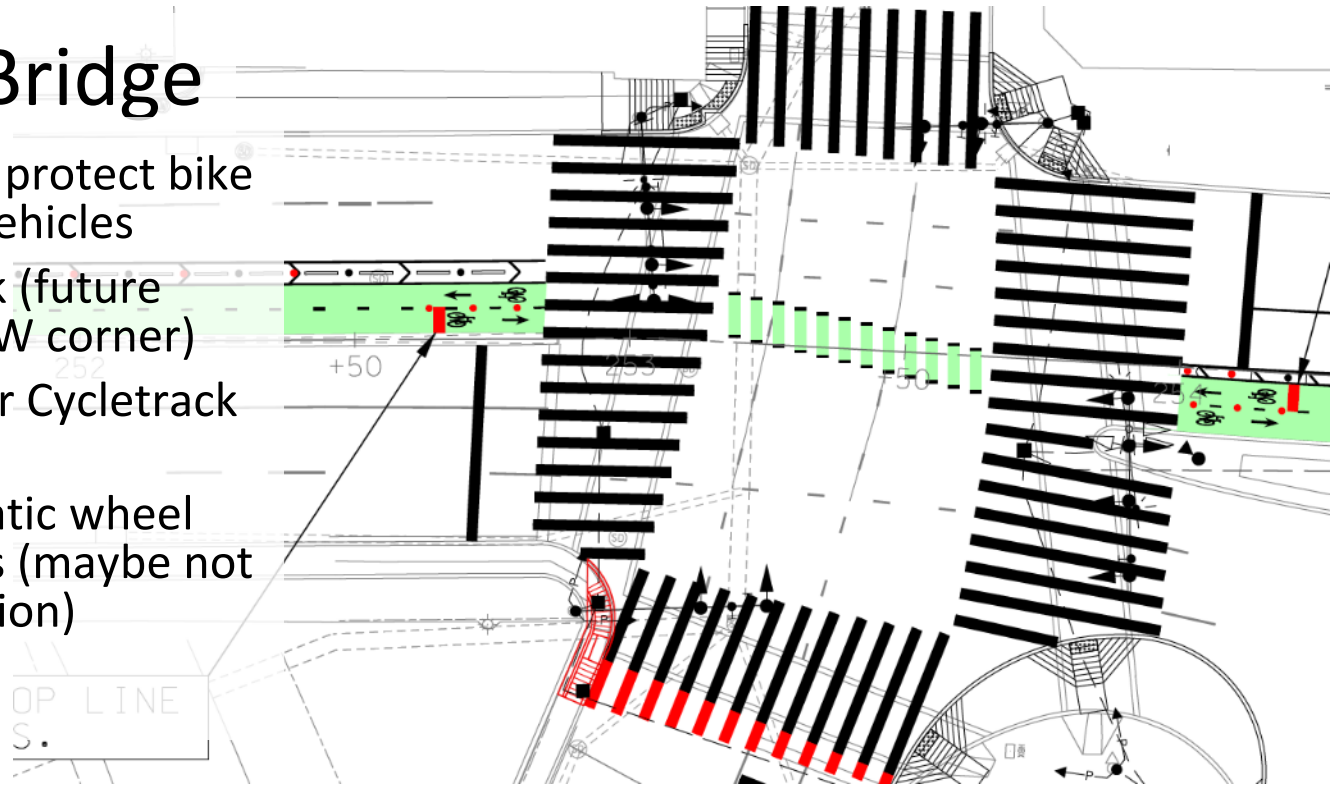
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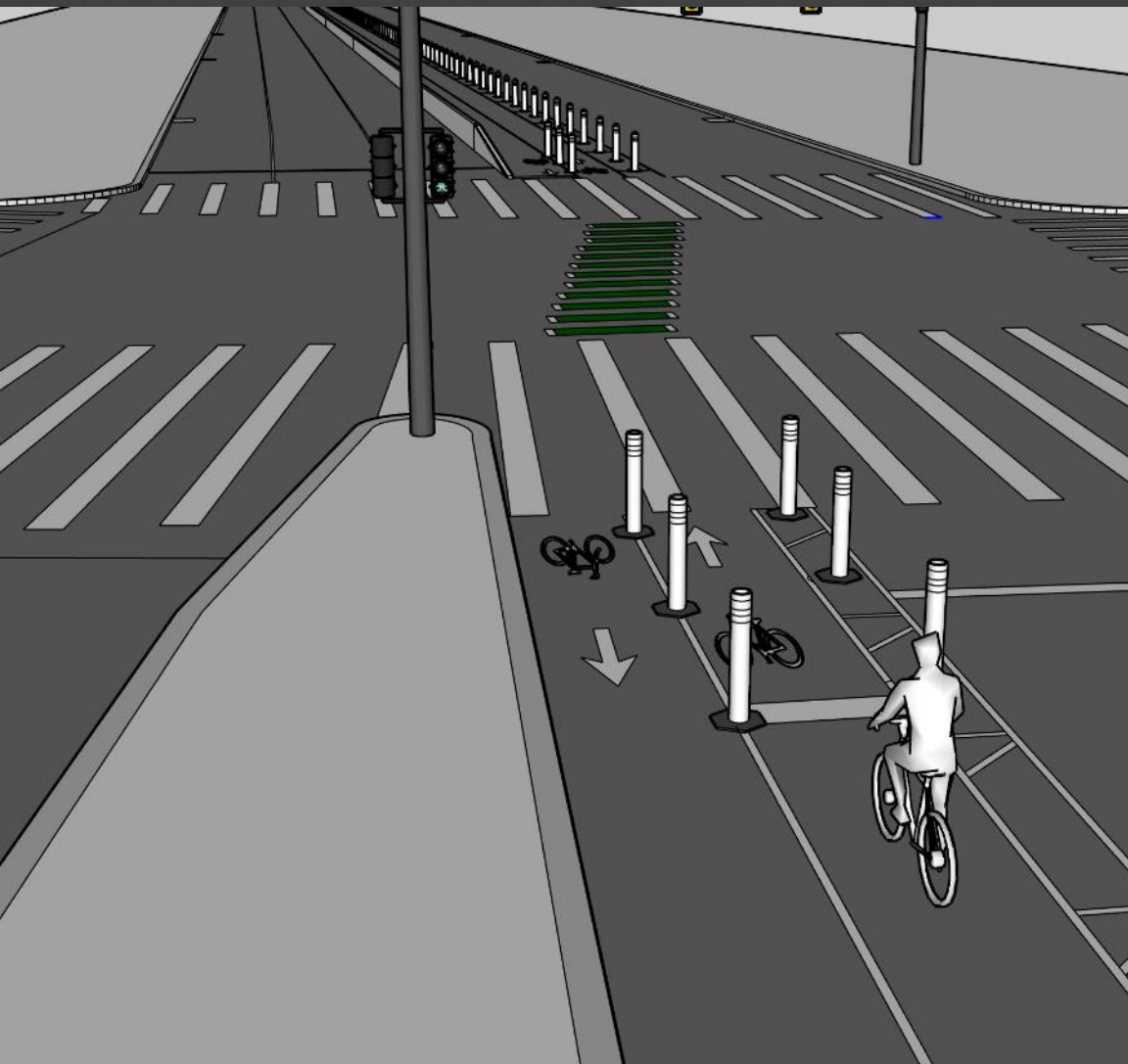
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Howard St & Bridge

- Adding flexposts to protect bike lane from turning vehicles
- Widening crosswalk (future curb extension at SW corner)
- Adding stop bars for Cycletrack segment ends
- Replacing problematic wheel stops with flexposts (maybe not the long-term solution)



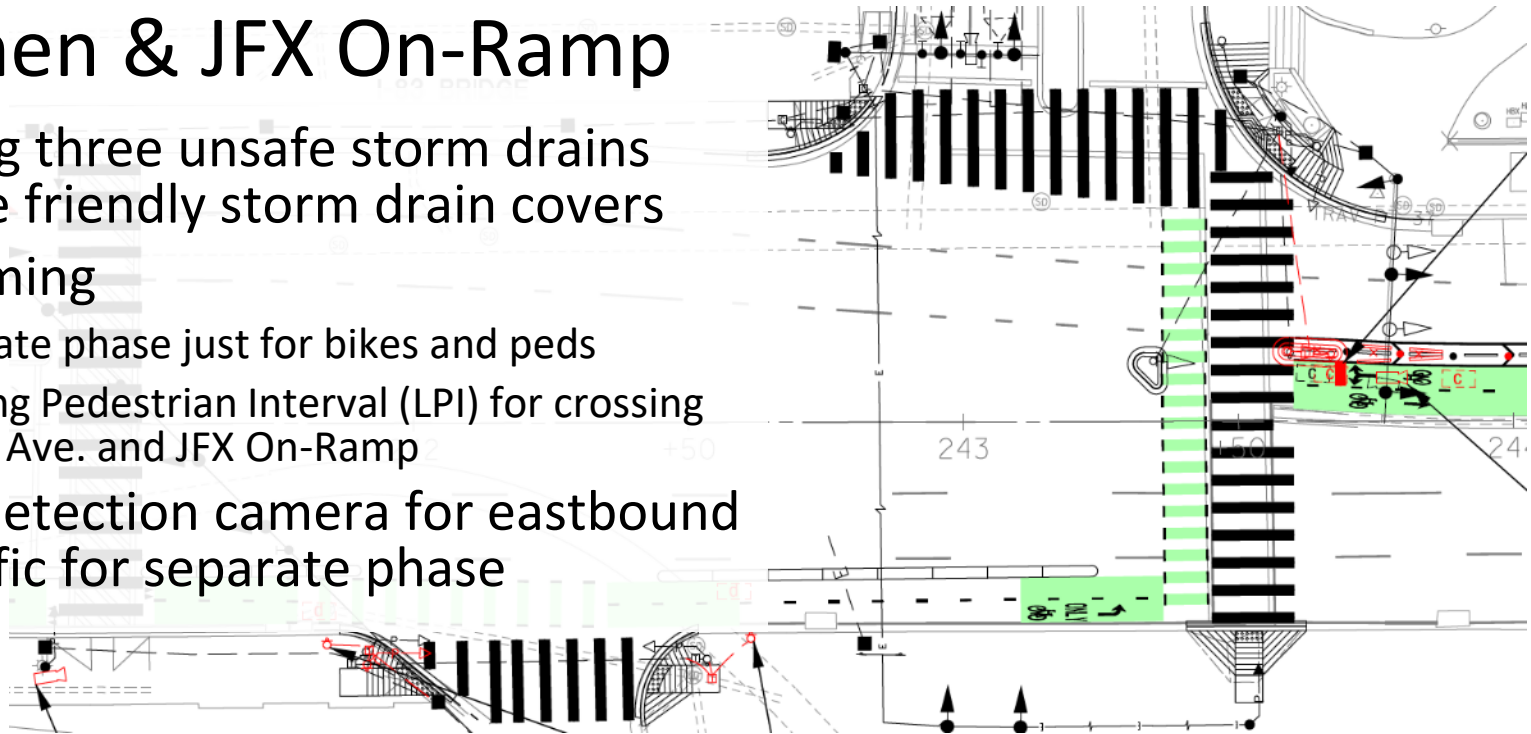
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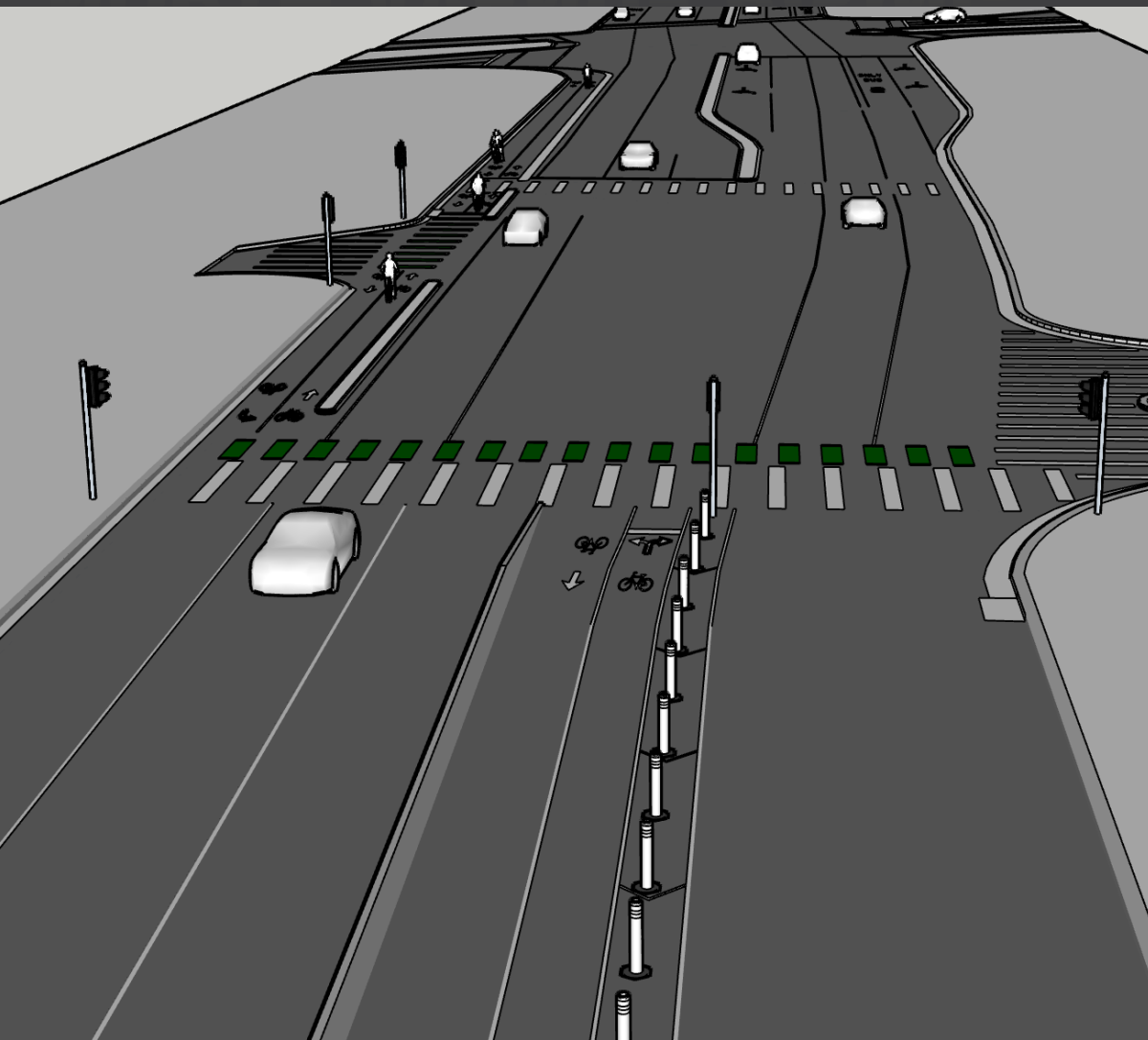
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McMechen & JFX On-Ramp

- Replacing three unsafe storm drains with bike friendly storm drain covers
- Signal timing
 - Separate phase just for bikes and peds
 - Leading Pedestrian Interval (LPI) for crossing North Ave. and JFX On-Ramp
- Adding detection camera for eastbound bike traffic for separate phase



NORTH AVENUE RISING



NORTH AVENUE RISING

INTERSECTION OF NORTH AVE AND MARYLAND

*Text larger and
messaging more
spread out*



Mark directly on bike lane approaching intersection



Plan is to look into options for application. (Spray paint?)

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INTERSECTION OF NORTH AVE AND MARYLAND

24X36 If possible
on post/planter/stand



Option with white bike icon



Example: For all the self standing signs, a sturdy post with a base like this, or a planter can be used (to limit the ease of moving/ messing with it).



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INTERSECTION OF NORTH AVE AND MARYLAND

Bike Box

Currently sized at 60" wide x 6" tall. Recommend checking/measuring size before installing.

BIKE BOX

Painted on side of curb in order to be seen from across the intersection.



Change actual bike box markings to include "Bike Box" label and remove arrows altogether. Add white outline to define the box.



Flex post placement



3 Flex posts on the sides

(Inverted view) This is the side that borders the curb.



Add sticker to flex posts

Add flex posts on North/South/East sides to keep turning drivers out of the bike box/waiting area

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INTERSECTION OF NORTH AVE AND MARYLAND



*24x36" on post/planter/stand
Added bus lane*



Or on light post



NORTH AVENUE RISING

INTERSECTION OF NORTH AVE AND MARYLAND



Added bus lane

White bike icon option

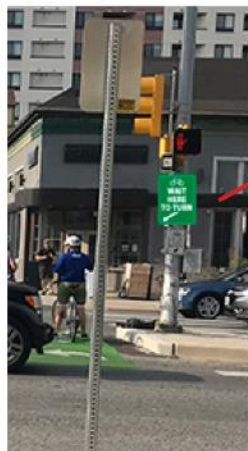


24x36" on post/planter/stand

NORTH AVENUE RISING

INTERSECTION OF NORTH AVE AND MARYLAND

New signs for pole (both directions)
18x24" (Larger)



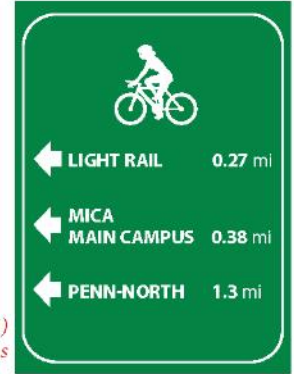
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INTERSECTION OF NORTH AVE AND MARYLAND

Added bus lane



24x36"



Fewer (3) locations

18x24"



Using existing posts

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HOWARD AND NORTH



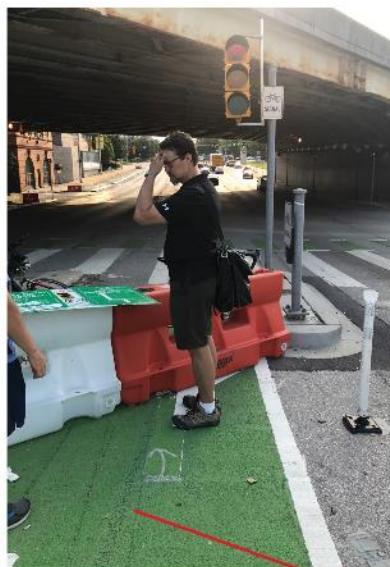
18x24"



Put in stop bar and adjust signal so that the cyclist can see from where they're waiting.

NORTH AVENUE RISING

MCMECHEN AND NORTH



Put in stop bar and adjust signal so that the cyclist can see from where they're waiting.



18x24"



18x24"

NORTH AVENUE RISING



18x24"

Add Sign for ped + cyclists



18x22"



For reference

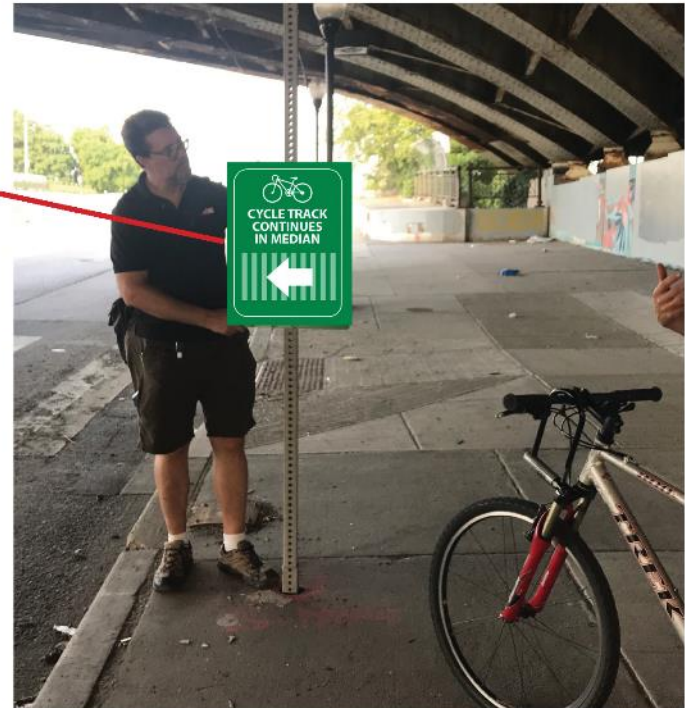


NORTH AVENUE RISING

MCMECHEN AND NORTH



18x24"



Miscellaneous Business

Next meeting date is December 29th, 4-6pm

