



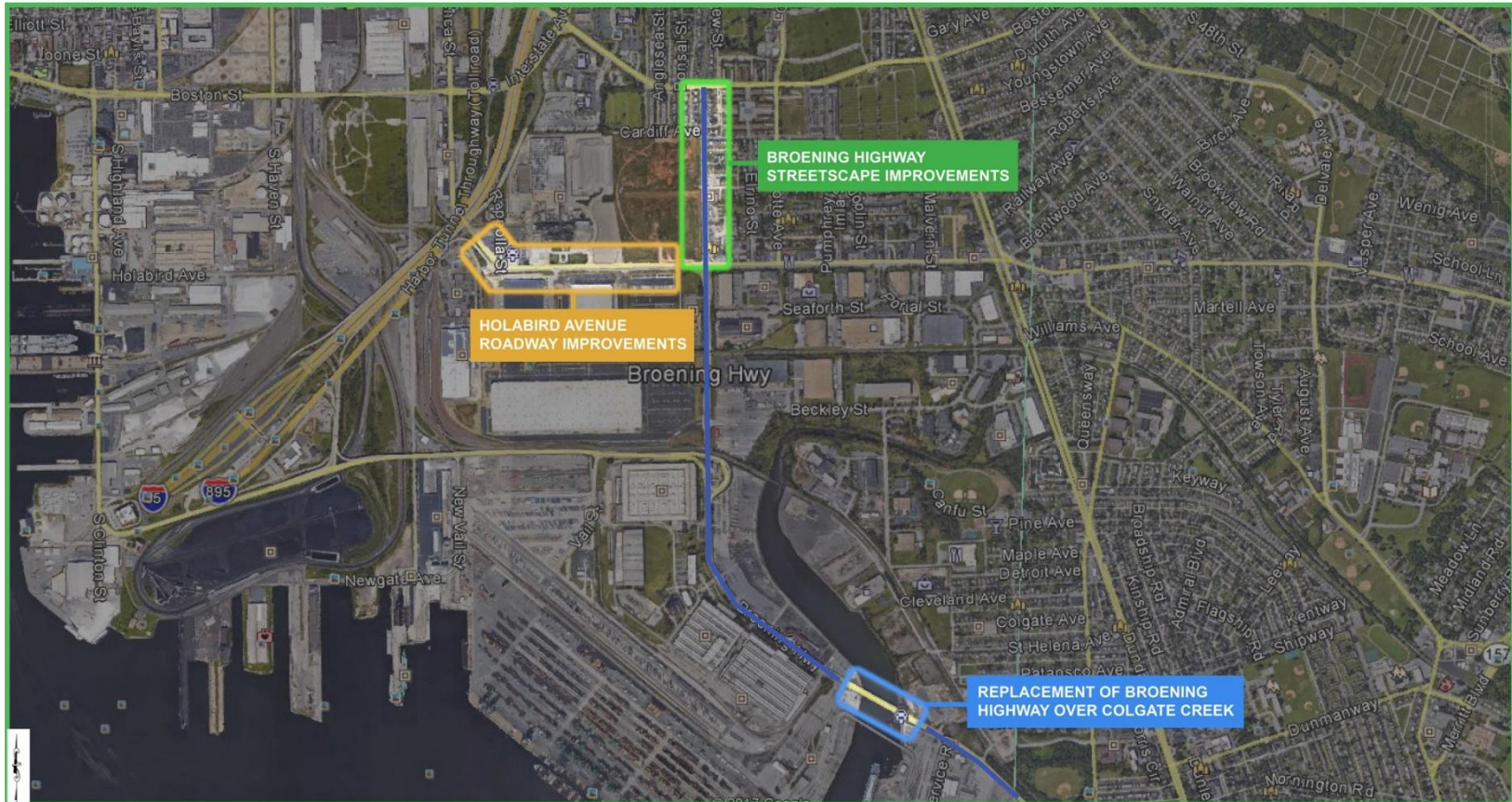
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## **2024-2027 TIP Amendments: SE Baltimore Freight Corridor, Wilkins Avenue Bridge Replacement and Baltimore Greenway Trails**

*November 28, 2023*



# Colgate Creek – Project Location Map



# Project History – Past



- **Bridge Condition**
  - Bridge is 50 years old
  - Latest inspection report gives this bridge a “**poor**” condition rating
    - On a scale of 1 – 9, this bridge gets a “4”
  - Bridge Sufficiency Rating is 43.5 (out of 100)
    - Eligible for Federal Funding to replace bridge
  - Emergency repairs complete in 2014
    - City completed temporary repairs to support fractured girders



# Project History – Past

- **TIGER Grant Funding \$10 million**
- **Design Completed**
  - March 2016 – September 2017
  - 100-year service life bridge
- **Advertised for Competitive Bids**
  - September 2017 – November 2017
- **Apparent Low Bidder**
  - Previously accepted bid – \$17,737,777
  - Cost changed due to revised bridge design
  - Updated Engineers Estimate – \$22,961,433

# Project History – Current and Future

- NTP for Construction – Spring 2018
- Original Construction Duration – 768 Days
- Issues with contractors means and methods
- Solution was to build from the bridge
- Pile Driving issues
- Phase 1 will be completed Spring 2024
- New Construction Completion Date Fall 2025

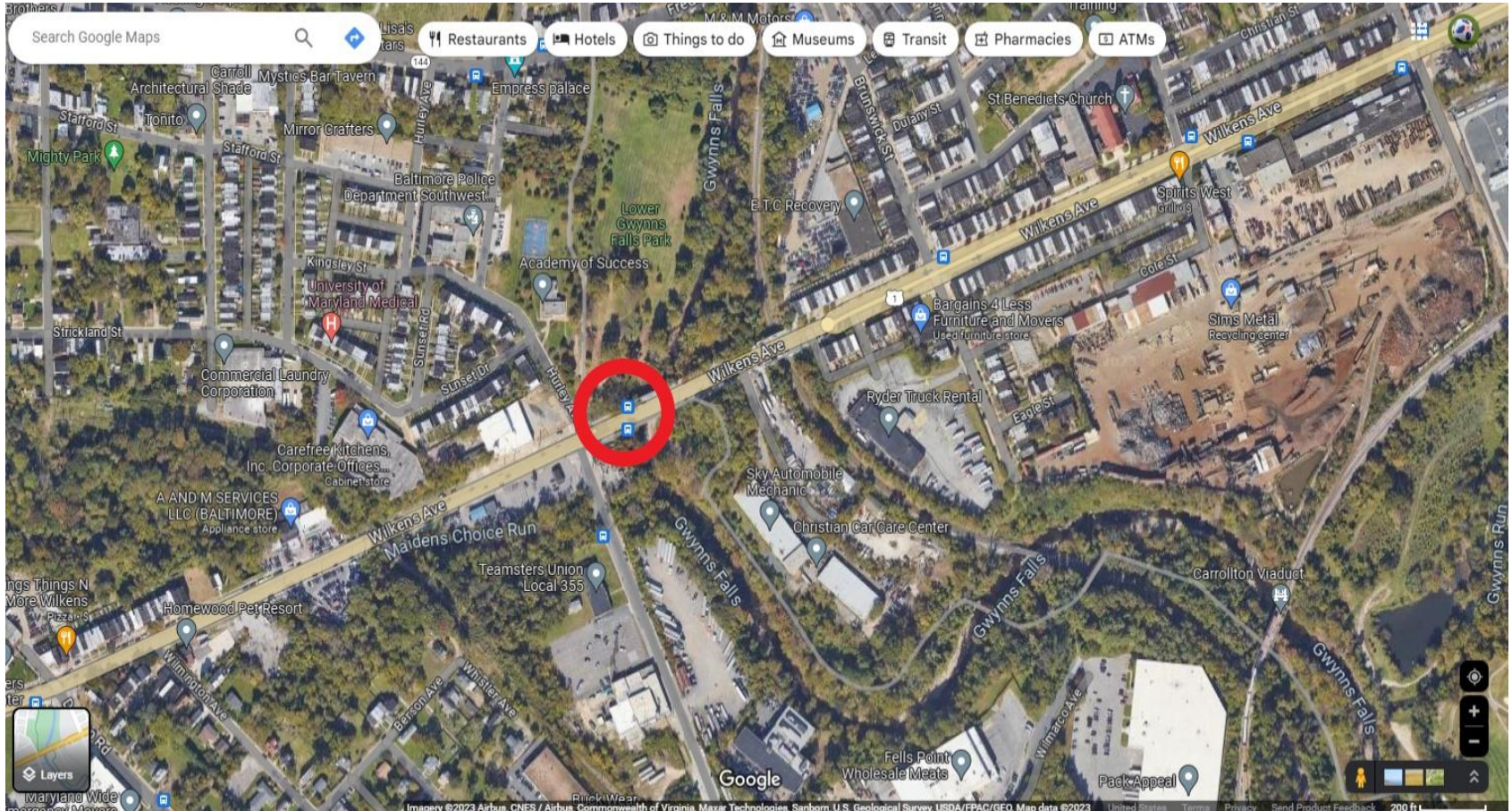
## For More Information

**Gregory Bauer, P.E.** | Project Engineer





# Wilkens Avenue Bridge - Project Location Map



# Project History – Past



- **Bridge Condition**
  - Bridge is 87 years old
  - Latest inspection report gives this bridge a “**poor**” condition rating
    - On a scale of 1 – 9, this bridge gets a “4”
  - Bridge Sufficiency Rating is 39.8 (out of 100)
    - Eligible for Federal Funding to replace bridge
  - Letter of Concern
    - City has received a Letter of Concern from the engineering firm that previously inspected the structure.





# Project History – Past

- **Design Completed**
  - June 2012 – September 2022
  - 75-year service life bridge
- **Advertised for Competitive Bids**
  - September 2022 – December 2022
- **Apparent Low Bidder**
  - Engineers Estimate – \$10,124,198
  - Allan Myers MD, Inc. – \$13,247,000

# Project History – Current And Future



- Bids were received in December 2022
- The lowest bid was 31% high than the engineers estimate
- All Bids were rejected in May of 2023
- Solution was to readvertise the project for construction
- In order to readvertise the project the plans and specifications will need to be updated

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# Baltimore Greenway Trail: Eastern Segment



## Amendment Purpose:

- This amendment adds a new project to the FY 2024-2027 TIP.
- Project must be included in the TIP to receive NEPA approval.
- This amendment will include a \$2.5 million federal earmark as well as a \$1.5 million state capital grant.
- This funding will be used to acquire several parcels of land currently owned by Norfolk Southern Railroad.
- The estimated total cost of this project is \$4,000,000.



# Baltimore Greenway Trail: Eastern Segment



# Baltimore Greenway Trail: Eastern Segment



## COMMUNITY BENEFITS



**Promotes Social Equity**



**Improves Health and Wellness**



**Creates Safe Active Transportation Connections**



**Protects the Environment and Builds Resiliency**



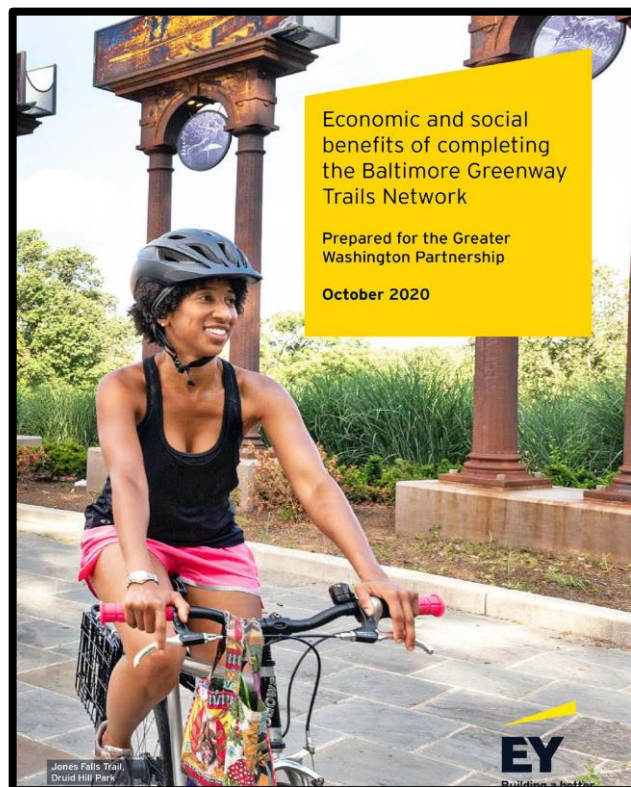
**Spurs Equitable Economic Development**



# Baltimore Greenway Trail: Eastern Segment



## EQUITABLE DEVELOPMENT:



EY 2020 Study



### Financial investment

**\$28m**

Greenway expansion investment

### Economic and social benefits

**\$48m**

246  
worker  
years<sup>1</sup>

Trail construction (total)

One "worker year" is one full-time job for a one-year period

Up to  
**\$314m**

Aggregate residential property value increase (total)

Up to  
**6.9m**

New biking/walking trips (annual)

Up to  
**0.7m**

New public transportation trips (annual)

Up to  
**8.6m**

Decline in vehicle miles traveled (annual)

Up to  
**\$2.4m**

Avoided health costs of residents (annual)

Up to  
**\$113m**

1,163  
worker years

Associated local business activity (annual)

Equivalent to  
**550-750  
fewer cars/year**

Environmental benefits-reduced emissions and tree planting (annual)

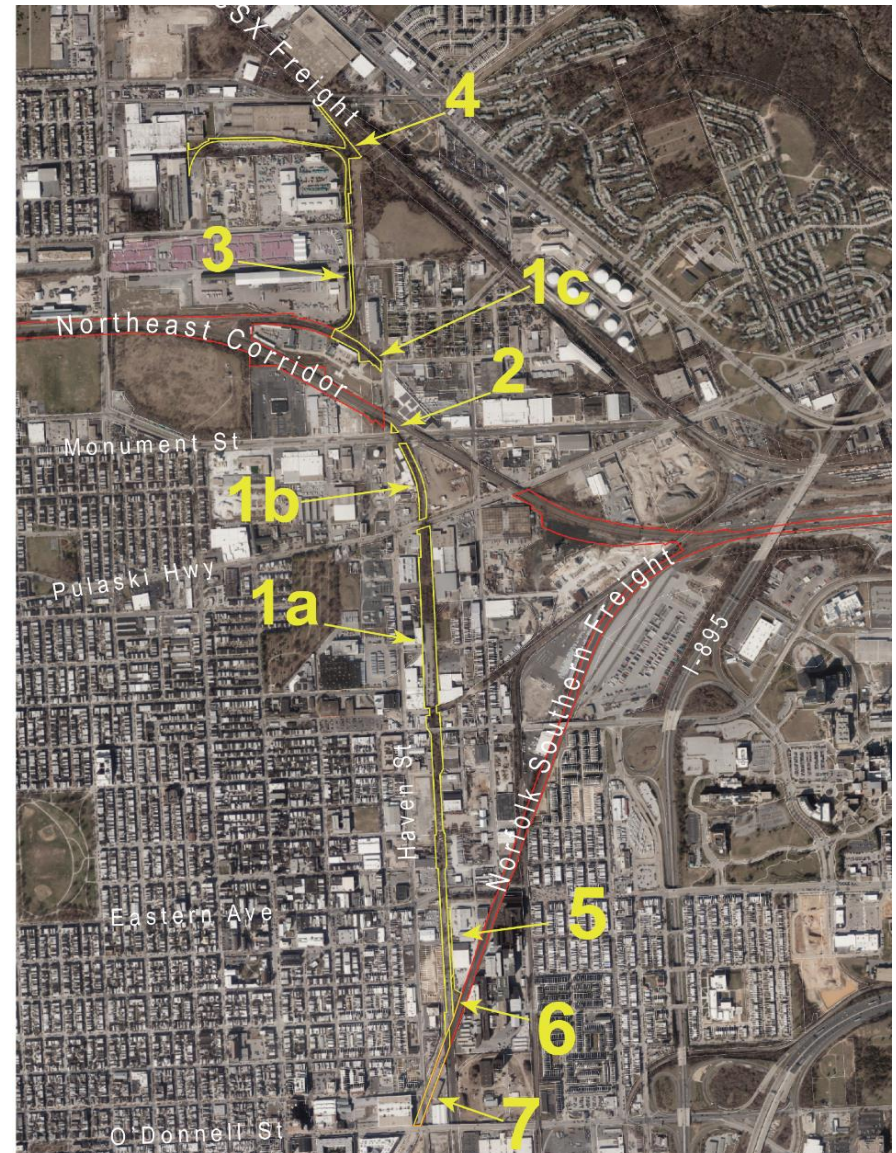
Based upon fewer vehicle miles traveled



# Baltimore Greenway Trail: Eastern Segment

## Project Scope

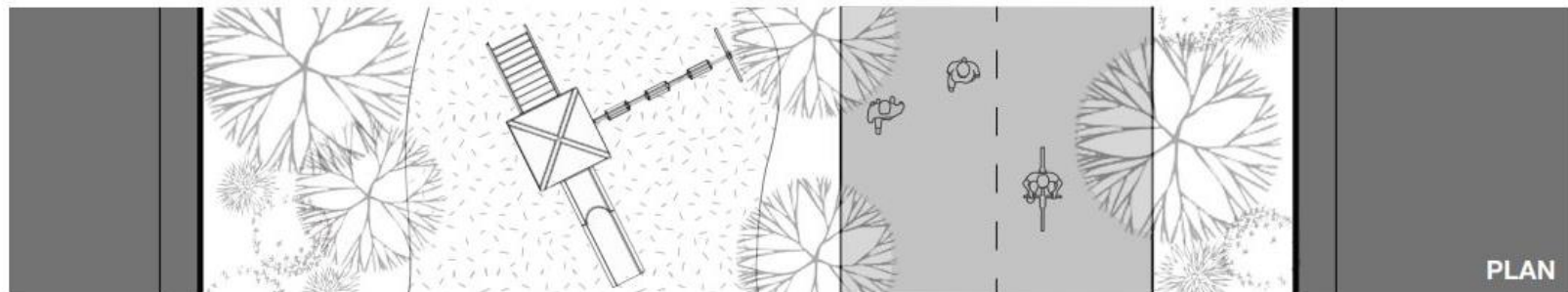
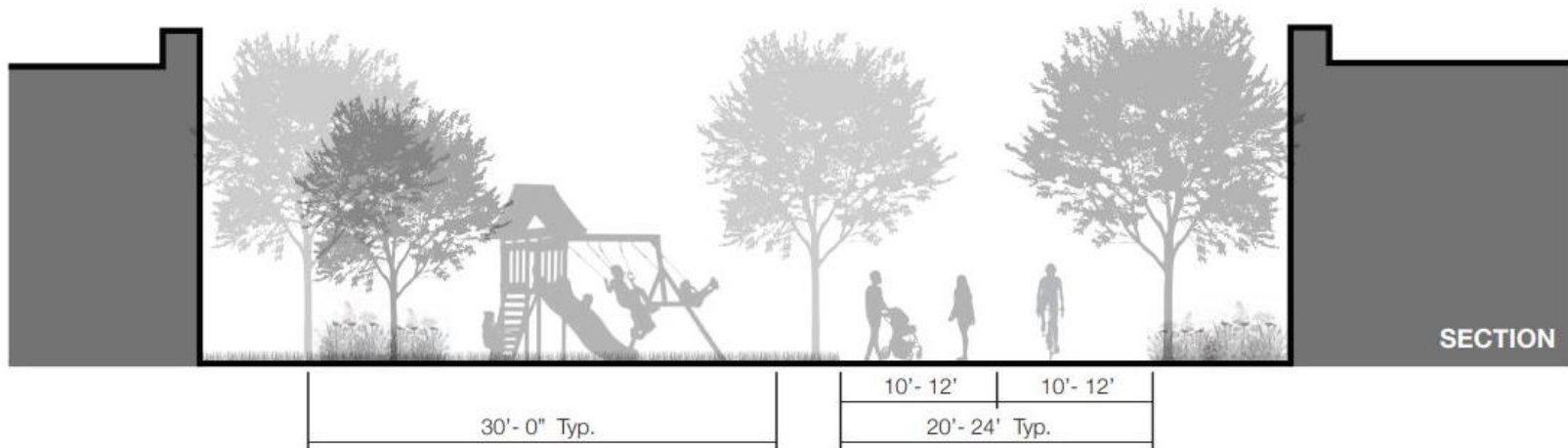
- Acquisition of ROW
- Linear park travels over Eastern Avenue, under Lombard Street, and over Pulaski Highway.
- Short segment of on-street separated shared use path infrastructure on Haven St near Monument Street.
- Off-street again from Ashland Avenue to Federal Street.





# Baltimore Greenway Trail: Eastern Segment

**Baltimore Green Network Linear Park Prototypes**  
(Uses for Approximately 70' Rail ROW)



**Rail R.O.W. Treatment:** Separate slower and faster uses.  
Option for play area.

# Baltimore Greenway Trail: Eastern Segment

## Project Timeline

- Spring 2024 – NEPA process complete, negotiation with Norfolk Southern complete
- Summer 2024 – Acquisition of real property and engage with design consultants
- Winter 2024 – Completion of 30% design documents
- Spring 2025 – Community Engagement and advance design to 100%
- 2025-2026 - Construction

# For More Information

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