

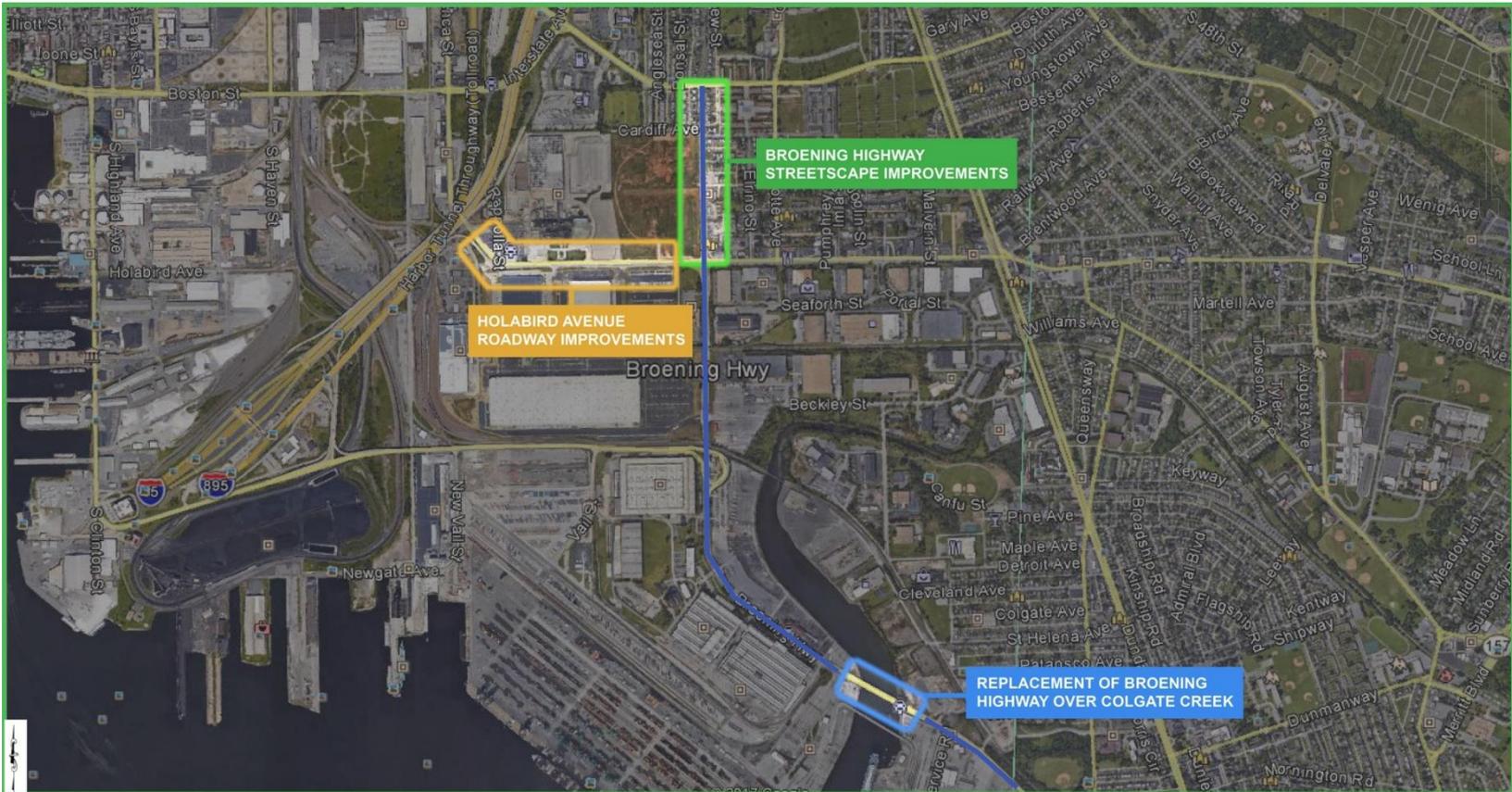


2024-2027 TIP Amendments: SE Baltimore Freight Corridor, Wilkins Avenue Bridge Replacement and Baltimore Greenway Trails

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

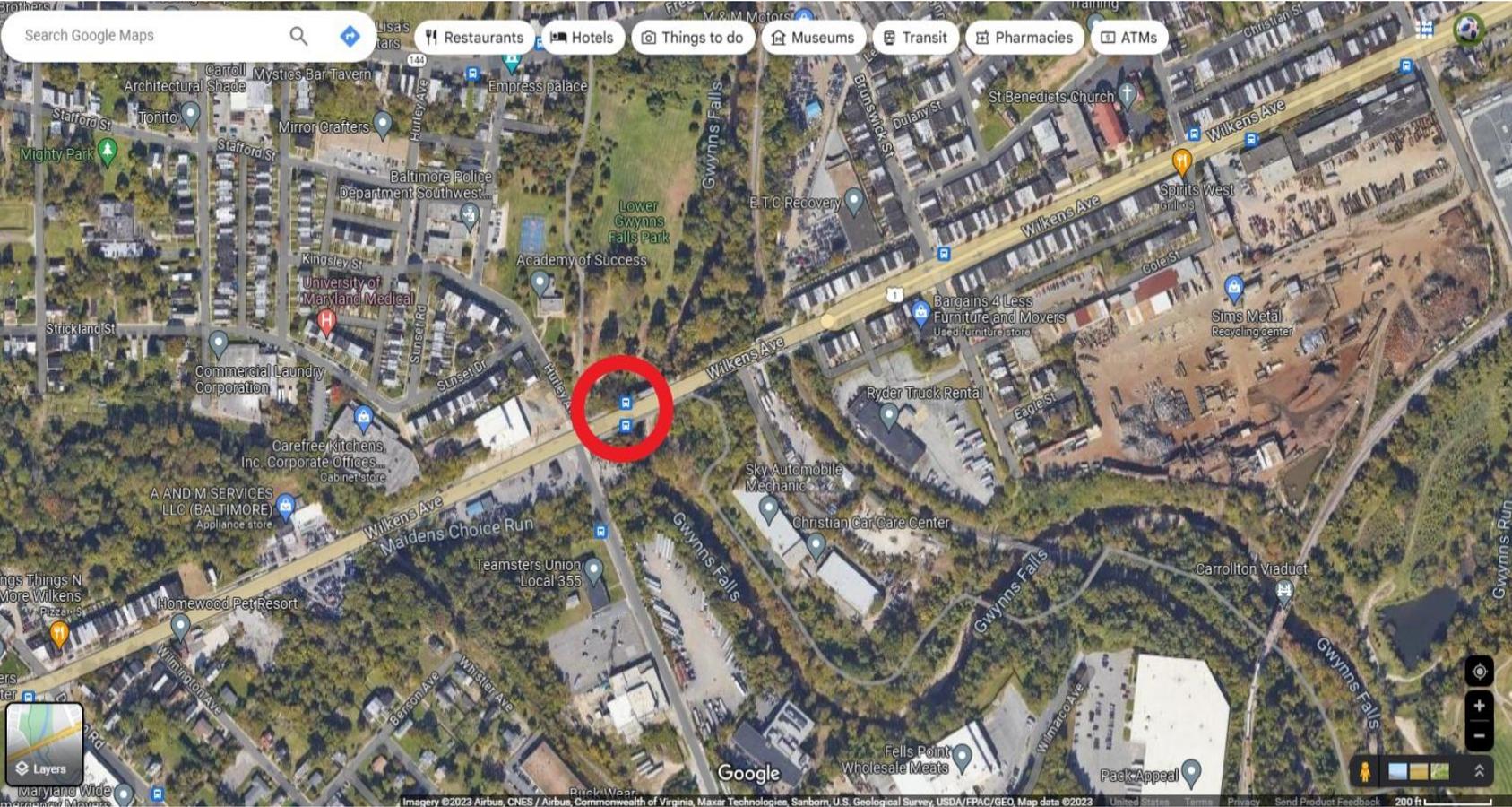
For More Information

Gregory Bauer, P.E. | Project Engineer

410-409-9456 | gregory.bauer@baltimorecity.gov



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

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

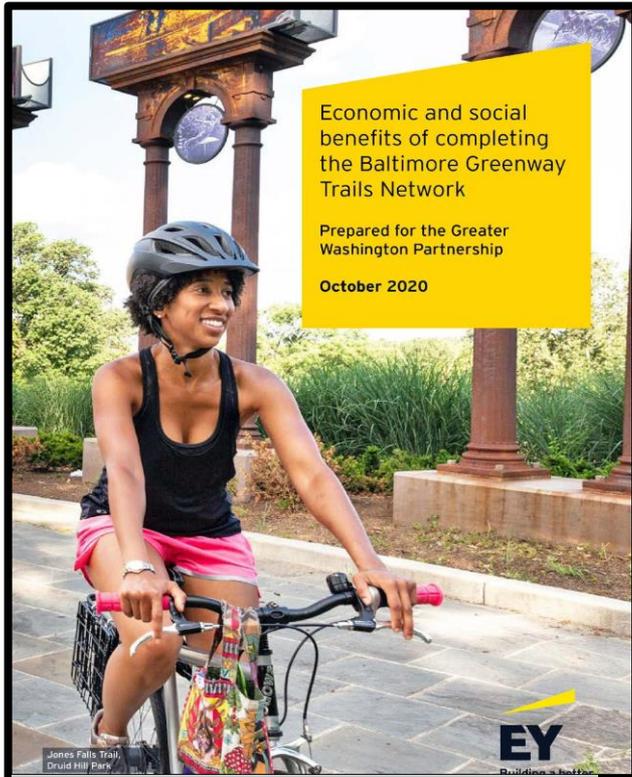


Spurs Equitable Economic Development

Baltimore Greenway Trail: Eastern Segment



EQUITABLE DEVELOPMENT:



EY 2020 Study



Financial investment

\$28m

Greenway expansion investment

Economic and social benefits

\$48m

246
worker
years¹

Trail construction (total)

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

\$314m

Up to

Aggregate residential property value increase (total)

Up to
6.9m

New biking/walking trips (annual)

Up to
0.7m

Up to

New public transportation trips (annual)

Up to
8.6m

Decline in vehicle miles traveled (annual)

Up to
\$2.4m

Up to

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)

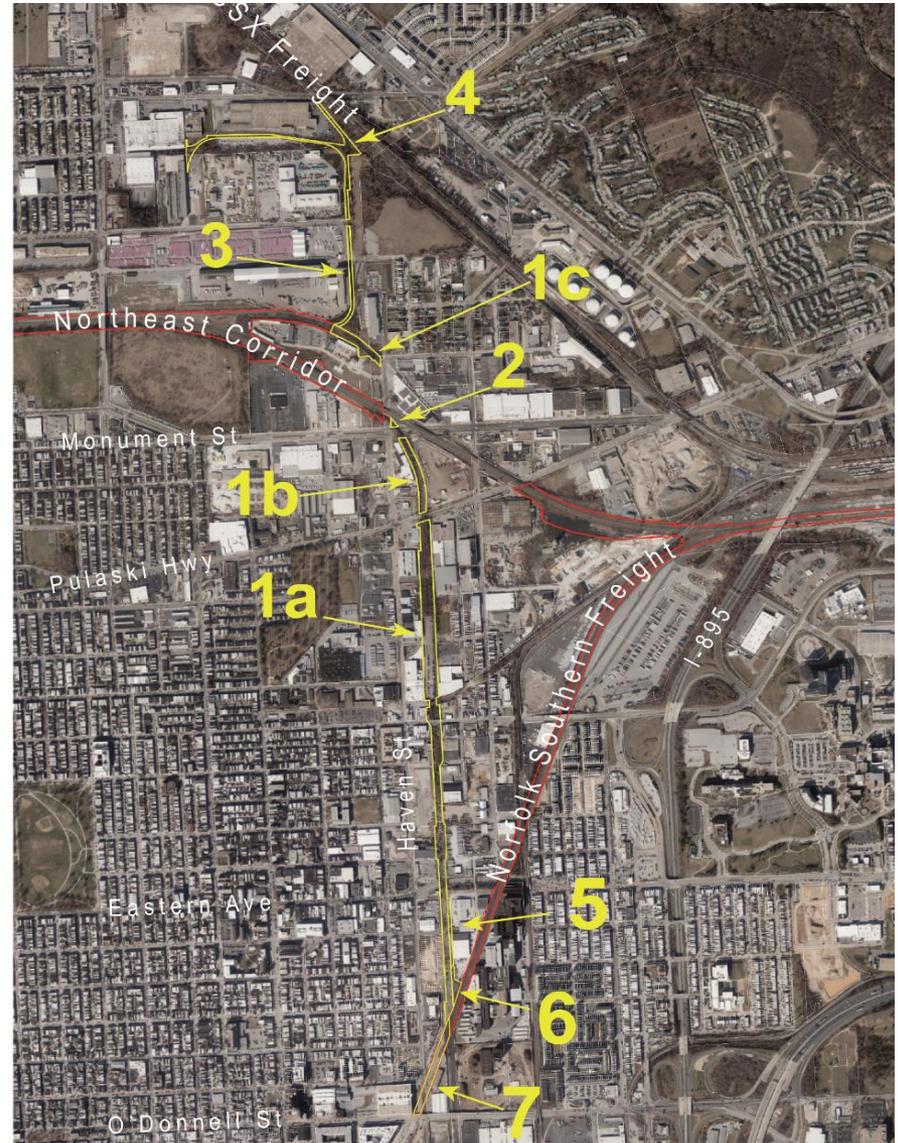
Based upon fewer vehicle miles traveled



Baltimore Greenway Trail: Eastern Segment

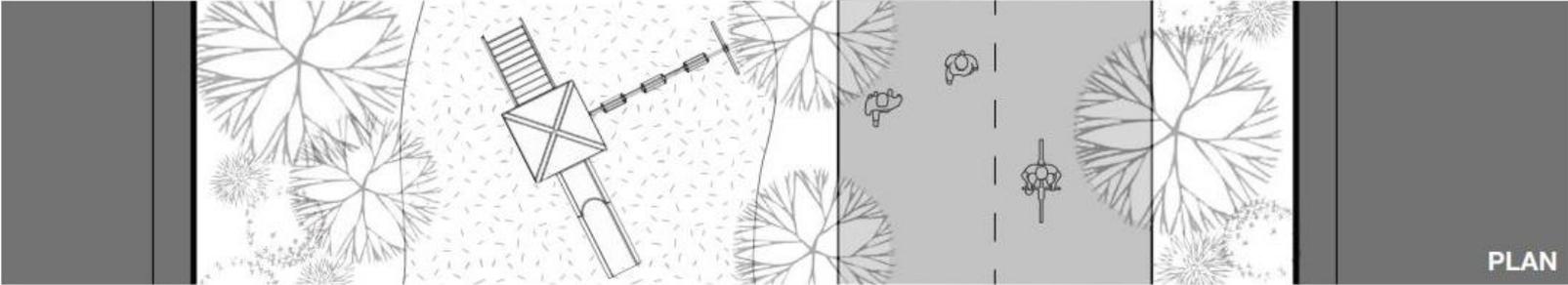
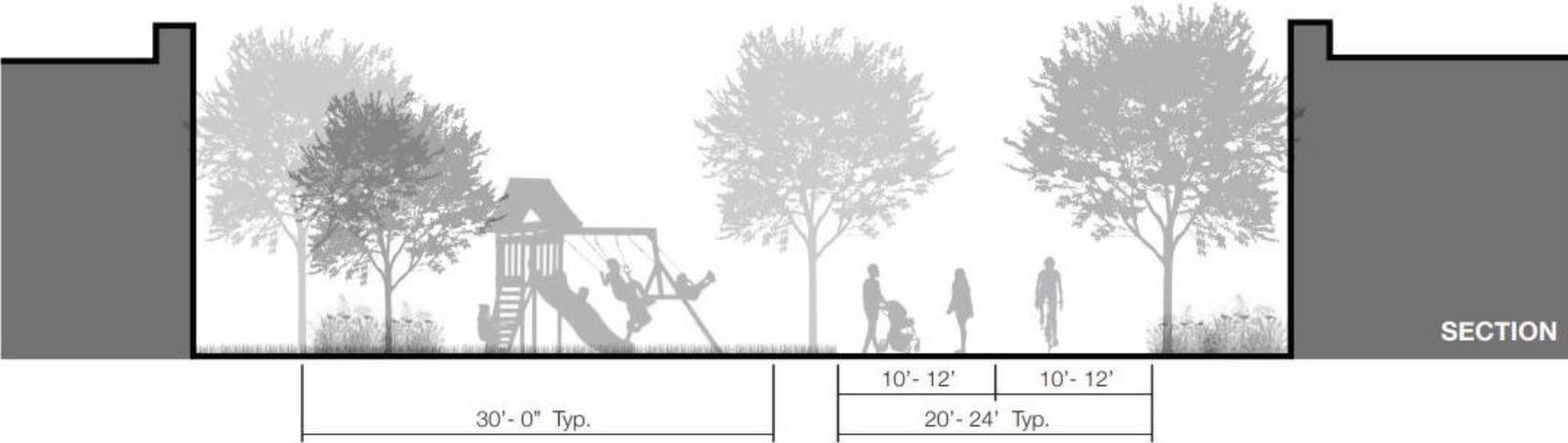
Project Scope

- 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

