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# Cypher / E Street Improvements

## St. Vincent's Neighborhood Group Informational Meeting

February 7, 2023



*massachusetts port authority*



# Cypher / E Street Improvements – Project Team

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Nitsch Engineering  
Project Design Lead



**TETRA TECH**

Environmental Planning &  
Compliance

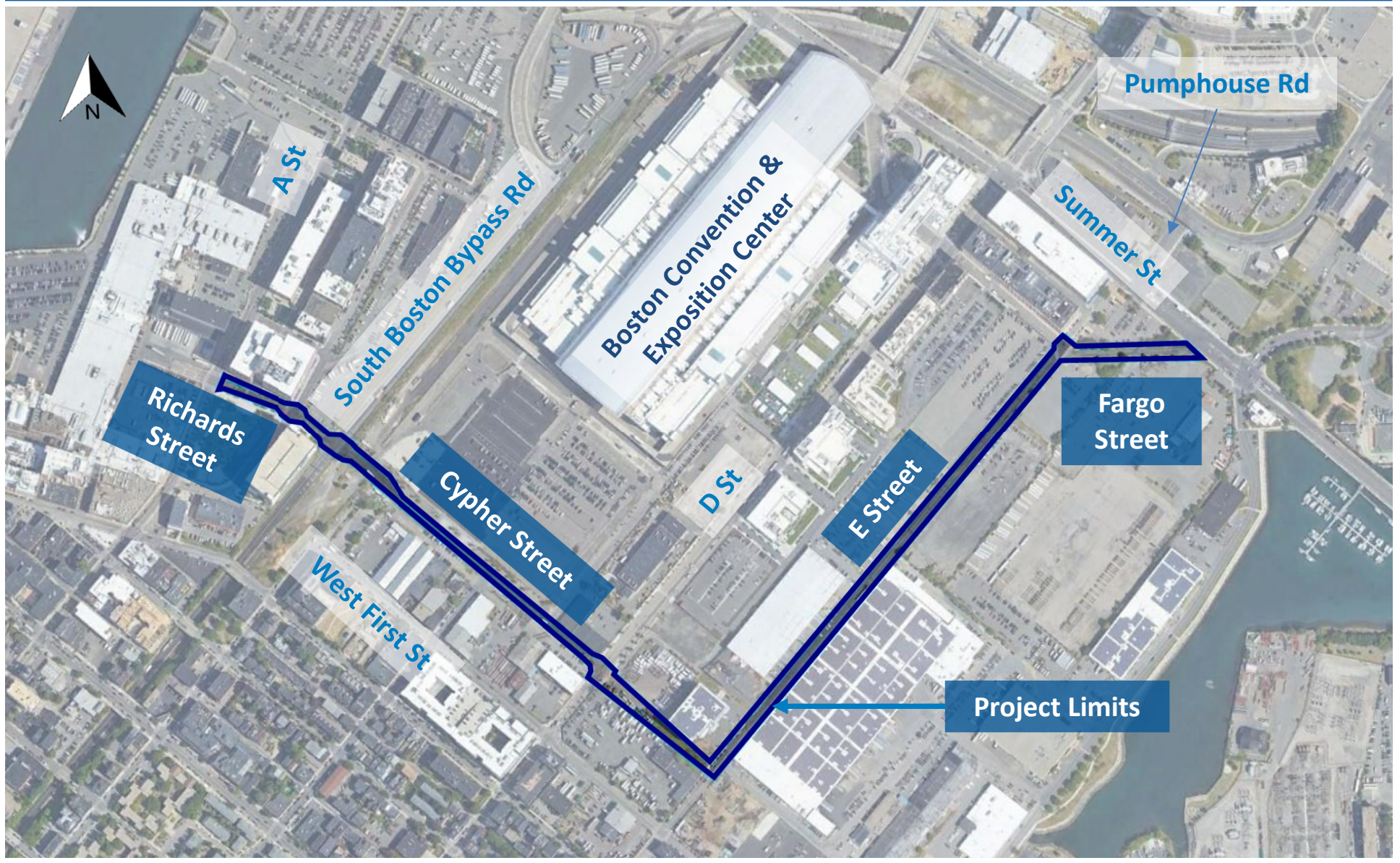


Resident Engineering



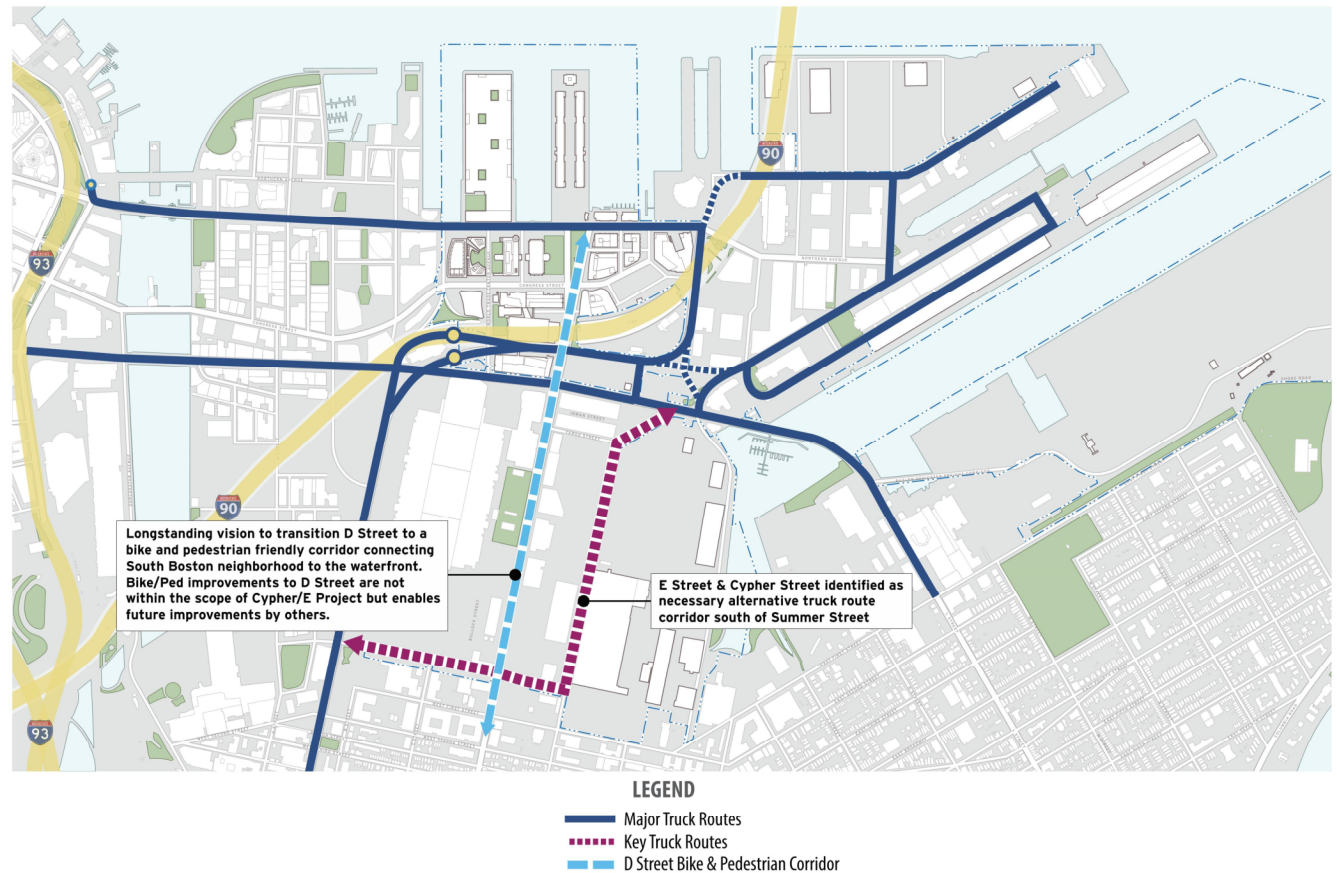
Safety

# Cypher/E Improvements - Project Area

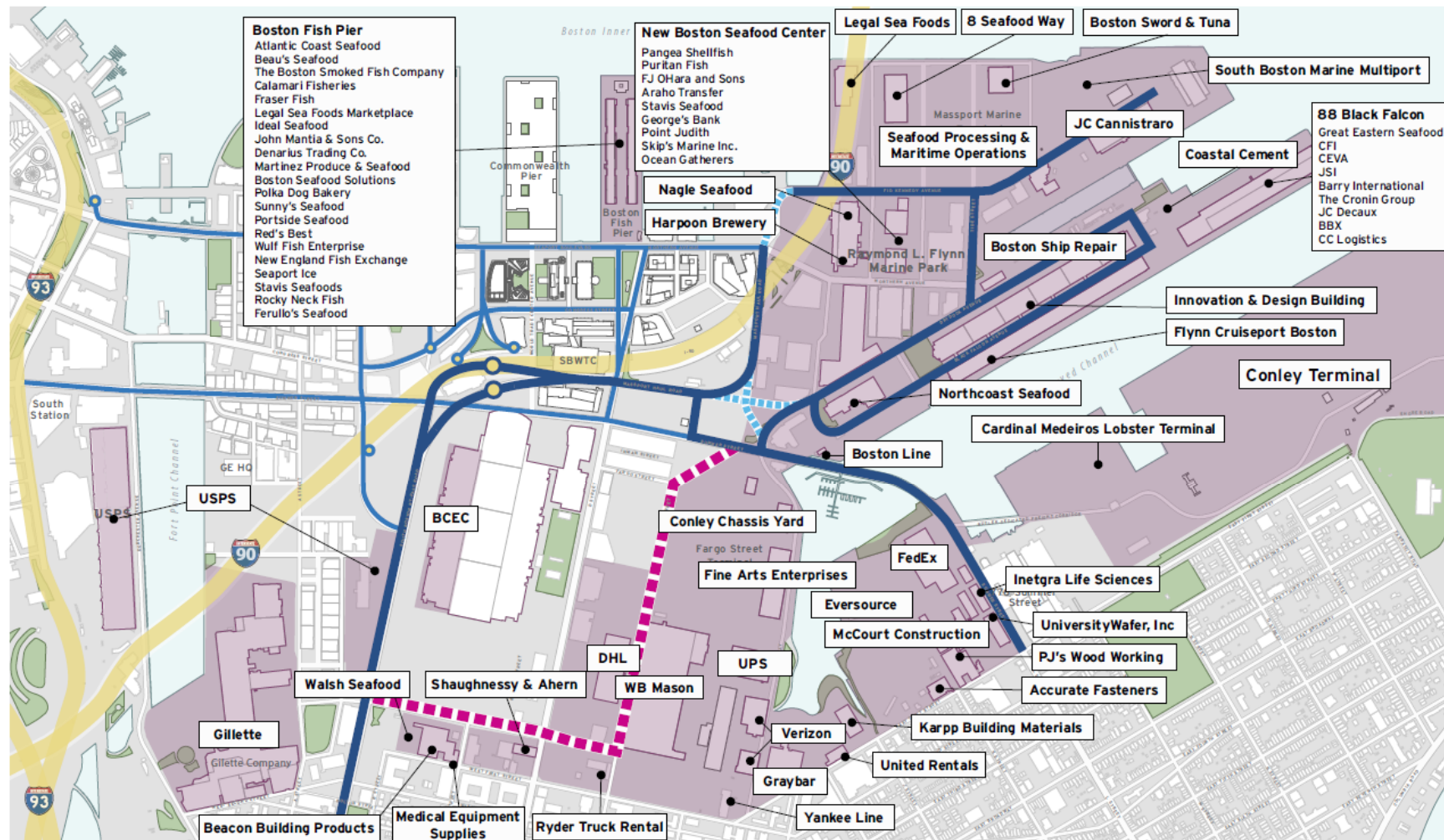


# Project Objectives

- Provide safety enhancements including sidewalk improvements
- Accommodate traffic from a multitude of businesses and to ensure trucks avoid residential streets
- Enhance community's connections to the South Boston Waterfront via. D Street



# Cypher / E Street - Current Dedicated Truck Route & Part of National Freight Network and Critical Freight Plan



## LEGEND

- Major Truck Routes
- - - Future Key Truck Routes
- Interstate Connections
- - - Key Truck Routes
- Industrial Areas
- Truck Generating Business

**Truck Generating Businesses**  
 Existing Conditions  
 South Boston, MA

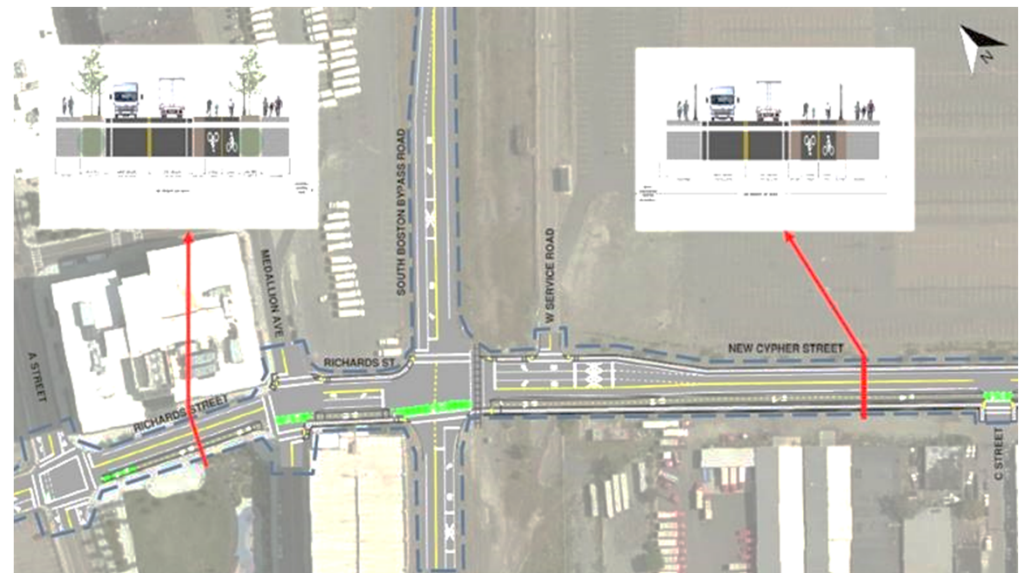
# Cypher Street - Existing Conditions & Challenges

- No pedestrian or bicycle access along Cypher Street
- Poor pavement condition
- Poor lighting



# Cypher/E Improvements - Project Scope

- **Grade-separated bicycle and pedestrian facilities** along the south side of Cypher Street, between Medallion Way and D Street, to increase safety for all modes of transportation
- **Reconstruction of Cypher Street** to improve drainage, lighting, signage, paving and pavement striping
- **Construction of Cypher Street** between D Street and E Street
- **Reconstruction of Fargo Street** including new sidewalk construction
- **Resurface E Street** to improve roadway condition
- **Cypher Street/South Boston Bypass Road intersection** signalization to improve safety



# Cypher Improvements – Existing vs Proposed





# Cypher/E Improvements – Environmental Compliance

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- **Work to be conducted in a manner that meets all MassDEP and US EPA regulatory requirements and protocols**
- **Tetra Tech Licensed Site Professional (LSP) will be developing procedures and providing project environmental compliance oversight**
- **Dust controls will be implemented and monitored daily**
- **A Resident Engineer will be on-site full time**
- **Environmental sampling planned in Spring 2023 to streamline offsite disposal efforts for surplus soil**

# Cypher / E Street Improvements – Project Schedule

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- **Environmental Sampling** **Spring 2023**
- **Bidding** **Late Spring 2023**
- **Construction** **Summer 2023 - Early 2025**

# Cypher / E Street Improvements

## Questions / Discussion

### Contact

Massport Community Relations & Government Affairs  
[Community@massport.com](mailto:Community@massport.com)



# Cypher / E Street Improvements

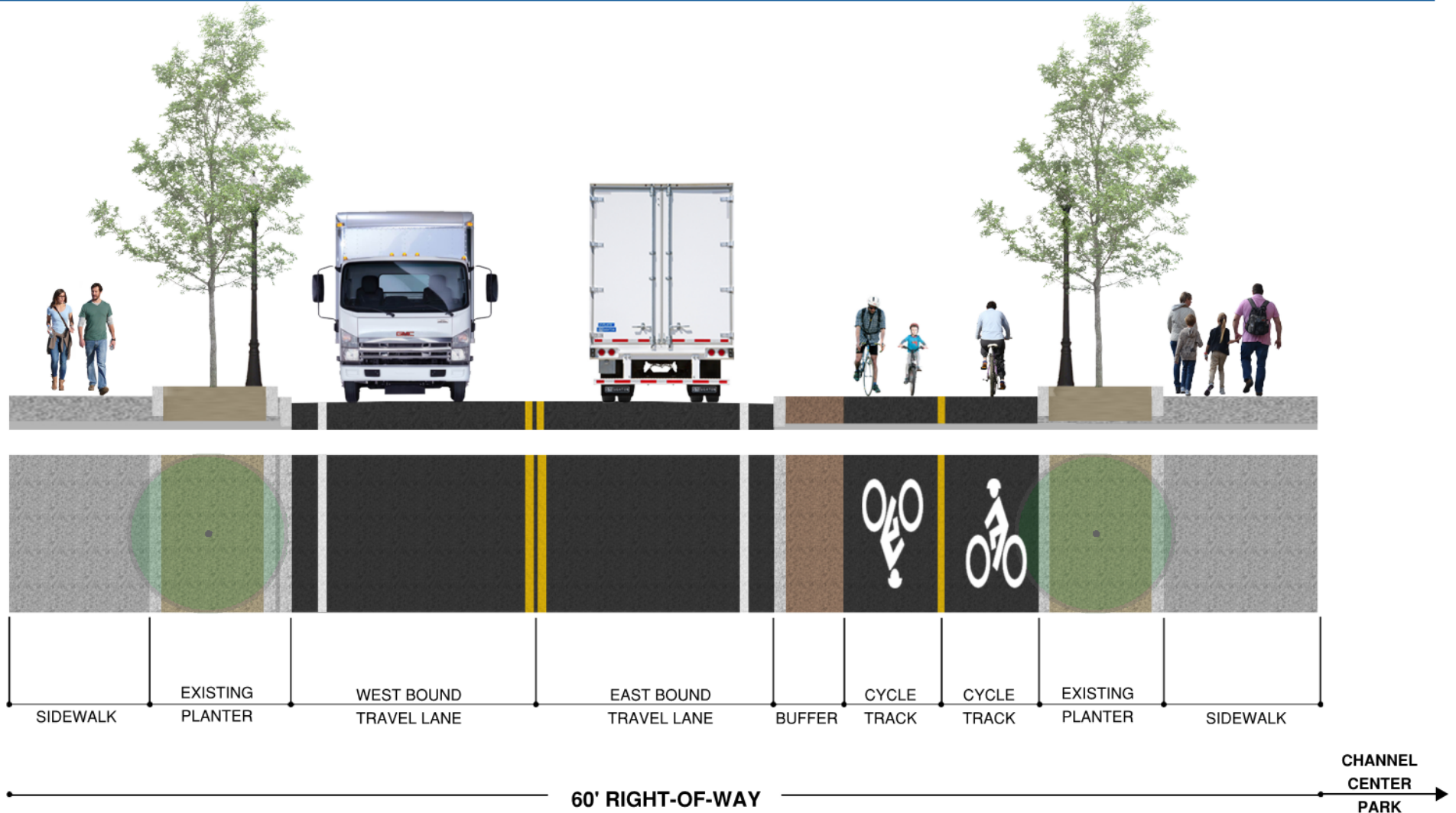
## Appendix



# Richards Street Rendering

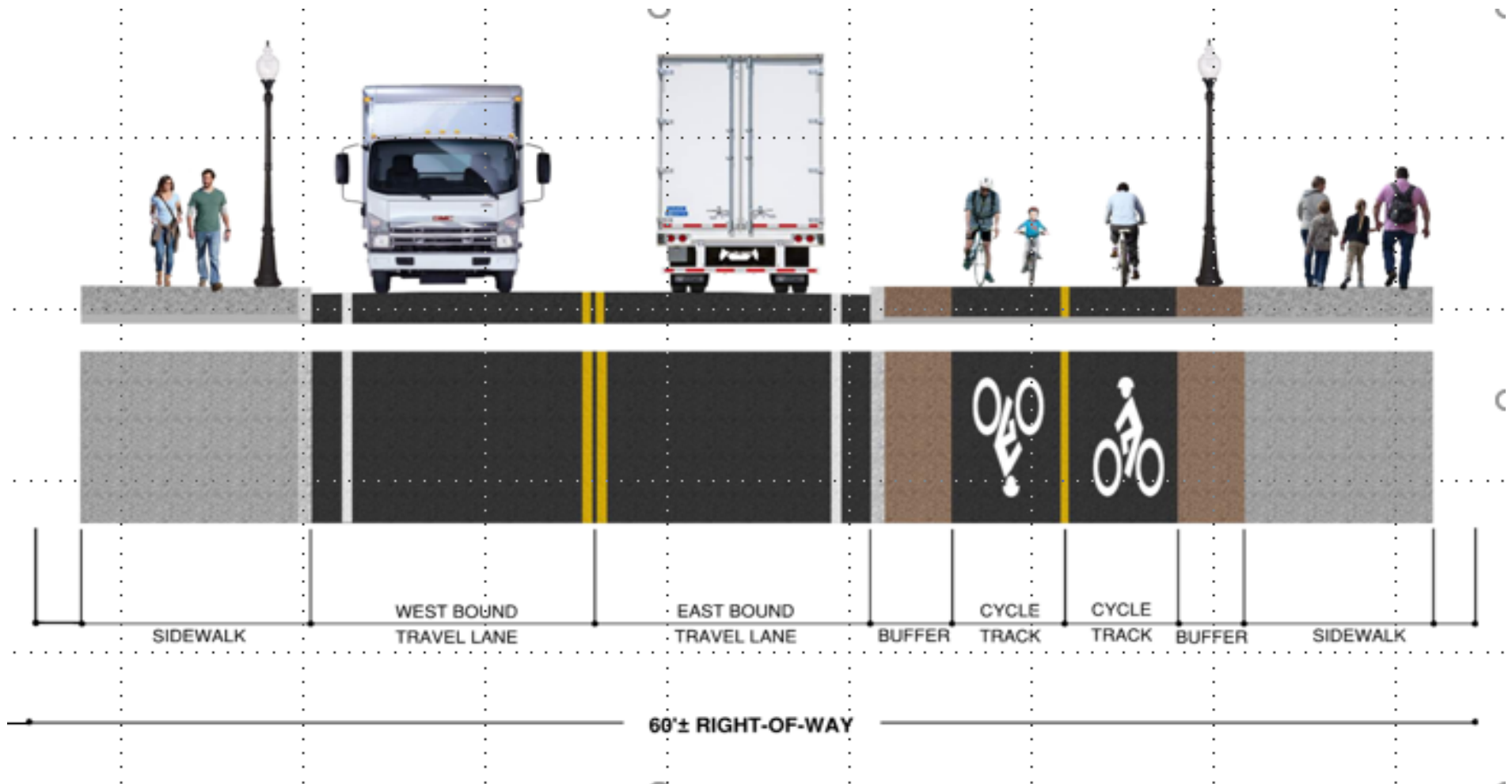


# Richards Street (from A St to SB Bypass) – Cross Section



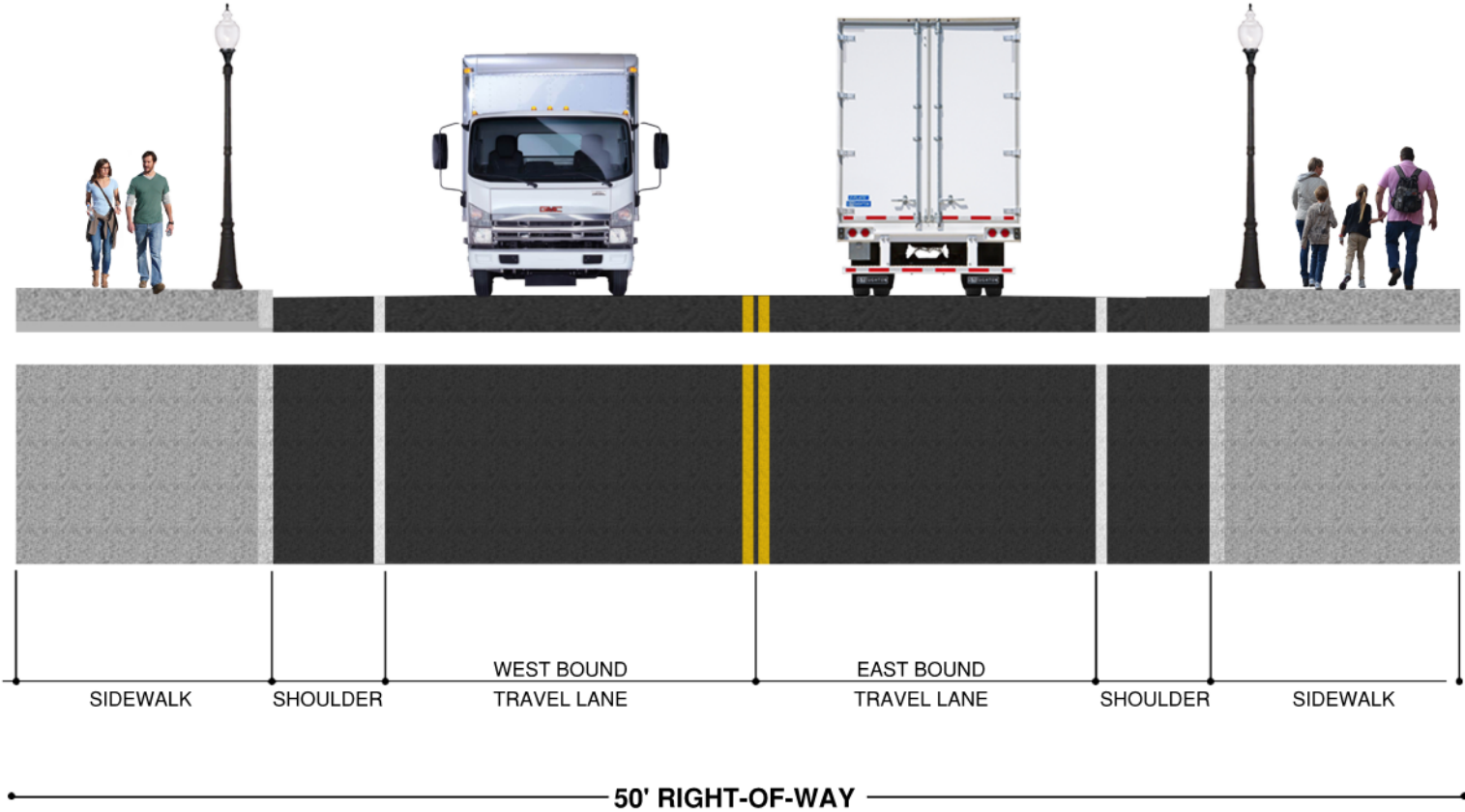
## Richards St (A St to South Boston Bypass)

# Cypher Street (from SB Bypass to D St) – Cross Section



Cypher St (from South Boston Bypass to D Street)

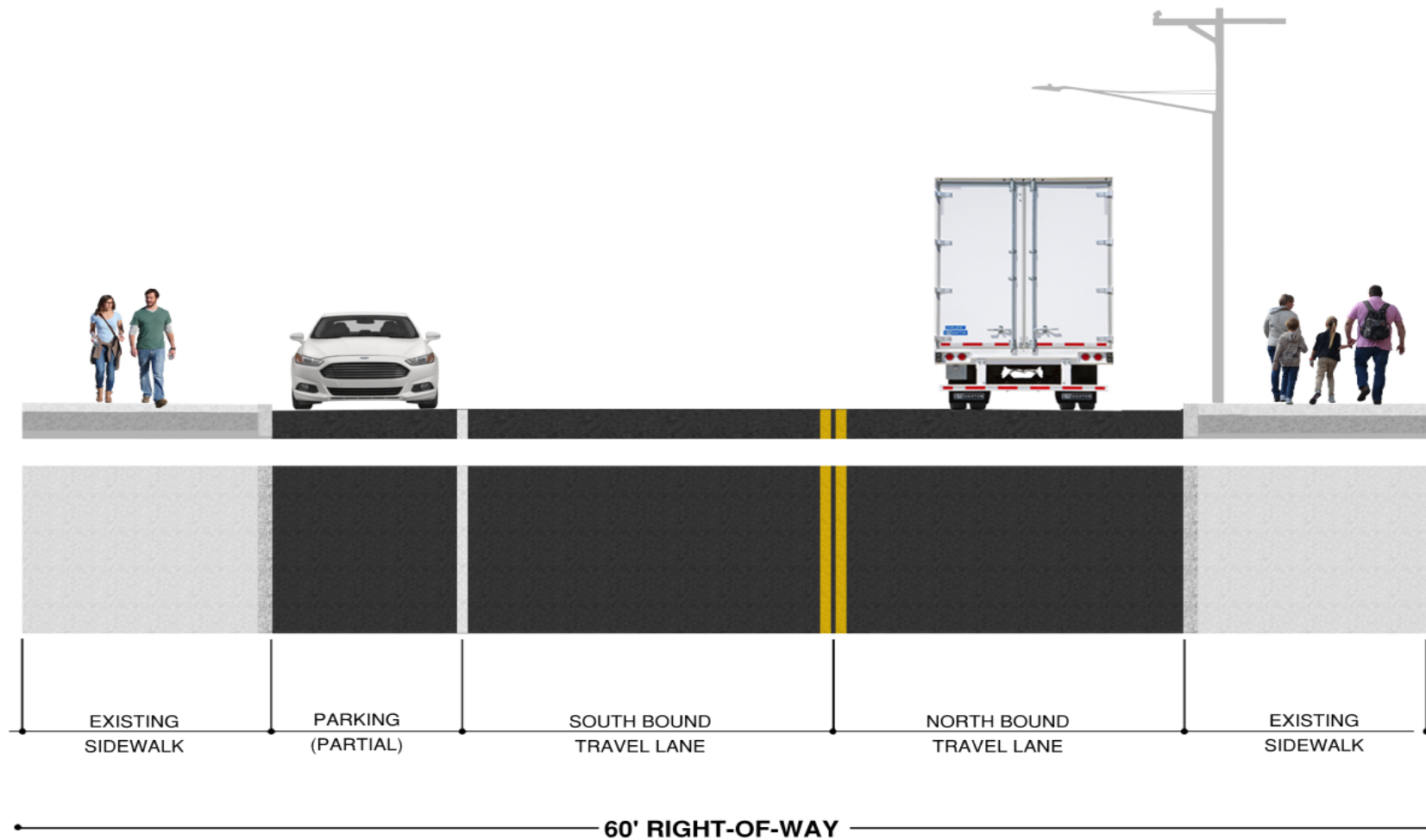
# Cypher Street (from D Street to E Street) - Cross Section



## Cypher Street (D Street to E Street)



# E Street (from Cypher St to Fargo St) - Cross Section



## E Street (Cypher St to Fargo St)

# Cypher / E Street – Truck Routes Leaving Boston



Truck Movements North of Summer Street will continue to use Pumphouse Road

# Cypher / E Street – Truck Routes Entering Boston

