



I-90 ALLSTON INTERCHANGE

A MULTIMODAL TRANSPORTATION PROJECT

TASK FORCE MEETING #5

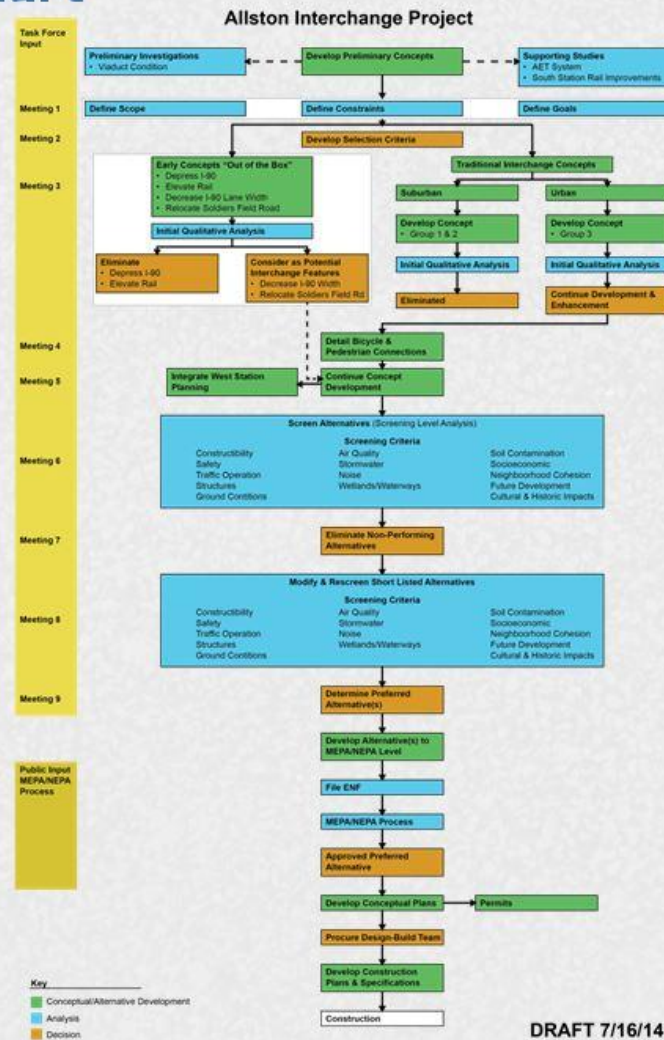
JULY, 16 2014 – FLORENTINO COMMUNITY CENTER, ALLSTON

Task Force Administration

- **Minutes**
- **Meeting Dates**



Project Flow Chart



Selection Criteria Matrix



		GROUP 1 - SUBURBAN TYPE				GROUP 2				GROUP 3			
	NO BUILD	OPTION 1A	OPTION 1B	OPTION 1C						OPTION 3B	OPTION 3C	OPTION 3D	OPTION 3H
Traffic Operation													
Safety	⊖	⊖	⊖	⊖						⊖	⊖		
Travel Time/LDS	⊖	⊕	⊕	⊕									
Intersection Connectivity	⊖	⊖	⊖	⊖									
Multi-Modal Connectivity													
Safety	⊖	⊕	⊕	⊕						⊕	⊕		
Pedestrian Routes	⊖	⊖	⊖	⊖						⊖	⊖		
Bicycle Routes	⊖	⊖	⊖	⊖						⊖	⊖		
Access to West Station	⊖	⊖	⊖	⊖						⊖	⊖		
Streetscape	⊖	⊖	⊖	⊖									
Environmental													
Drainage and Stormwater	⊖	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕				
Historic Impacts	⊕	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖				
Wetlands	⊕	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖				
Noise	⊖	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕				
Parks/Open Space	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖				
Contaminated Soils	⊖	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕				
Air Quality	⊖	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕				
Land Use													
Accommodate Future Development	⊖	⊖	⊖	⊖						⊕	⊖		
Community Cohesion	⊖	⊖	⊖	⊖						⊖	⊖		
Construction													
Logistics	⊕	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖				
Construction Phase Impacts	⊕	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖				
Cost/Schedule													
Construction Cost	⊕	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖				
Construction Schedule	⊕	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖				
Maintenance/Life Cycle Cost	⊖	⊕	⊕	⊕	⊖	⊕	⊕	⊕	⊕				
Meets Purpose & Need	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖				

Positive ⊕
Neutral ⊖
Negative ⊖



Reasons for the Project

- **Interchange Safety**
- **Deficiencies in I-90 Viaduct Structure**
- **All Electronic Tolling**
- **Enhance MBTA Rail Service**
- **Pedestrian and Bicycle Conditions**

Option 3B



Option 3C





Cambridge Street Reconstruction: Complete Streets Design Approach

Unique Street with Multiple Functions

- Services an Interchange
- Commuter Route
- Transit Route
- Connective Arterial Between Neighborhoods
- Services Adjacent Residential and Commercial Communities

Cambridge Street Reconstruction: Complete Streets Design Approach



Objective:

Provide safe, convenient access and for all users

- **Public Transportation**
 - Bus
 - Transit
- **Vehicles**
- **Bicyclists**
- **Pedestrians**



Cambridge Street Reconstruction: Complete Streets Design Approach

How is Objective Met? Design Features:

- More frequent neighborhood connective intersections
- More frequent crosswalks
- Accessible sidewalks
- Accessible pedestrian signals (APS)
- Curb extensions
- Landscaped medians
- Bike lanes, cycle tracks, bike boxes, bike racks, enhanced pavement markings and signs for regulating bike travel

Cambridge Street Reconstruction: Complete Streets Design Approach



How is Objective Met? Design Features: (cont)

- **Narrower vehicle lanes**
- **Separation as practicable between modes of transportation**
- **Safe bus stops**
- **On-street parking**
- **Lighting**
- **Using NACTO guidance**
- **Using Boston Complete Streets guidance**

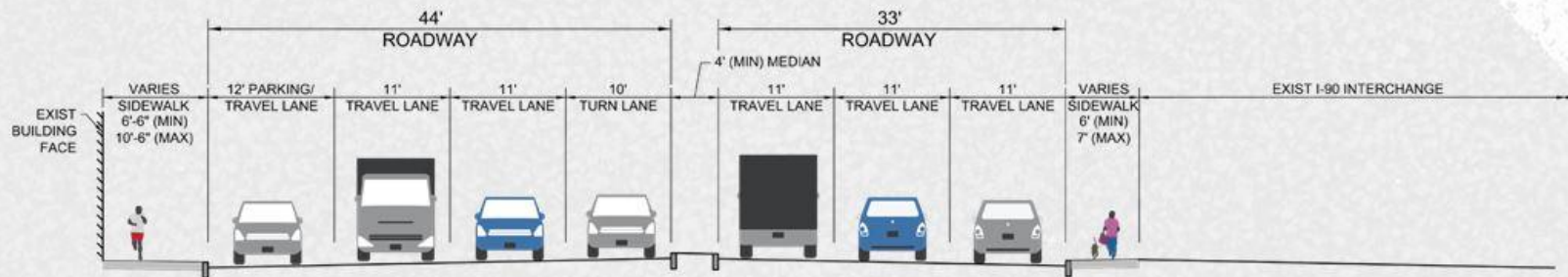
Cambridge Street Reconstruction: Complete Streets Design Approach



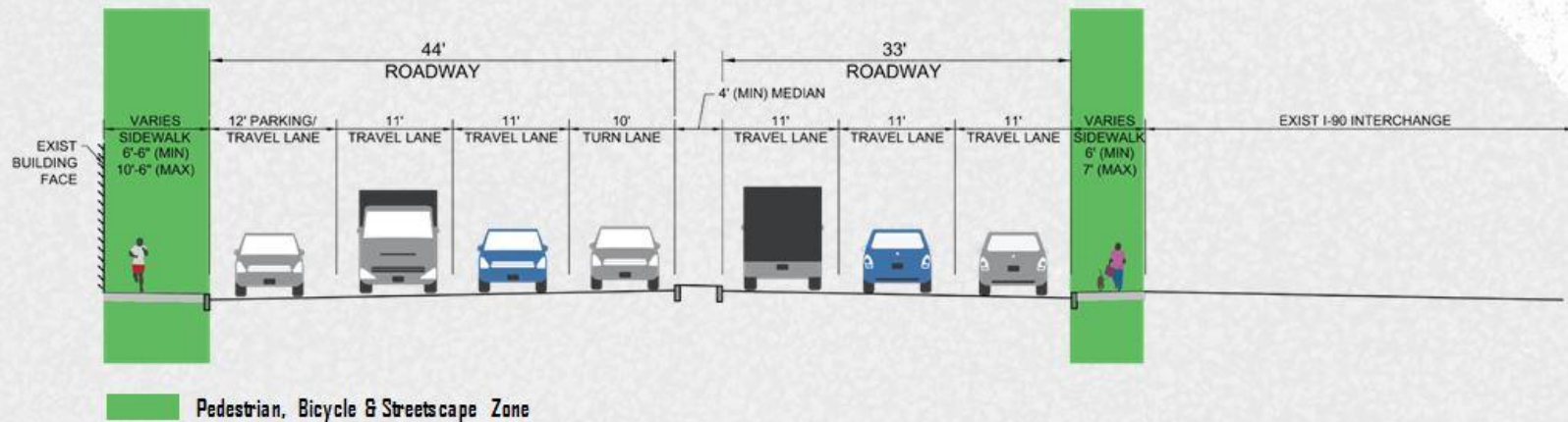
Benefits

- **Slower, safer vehicular travel**
- **Safer, regulated bike travel**
- **Safer, dedicated space for public transportation connections**
- **Safer, convenient, and accessible pedestrian travel**
- **More attractive streetscape / breaks up the expanse of the corridor into smaller spaces**

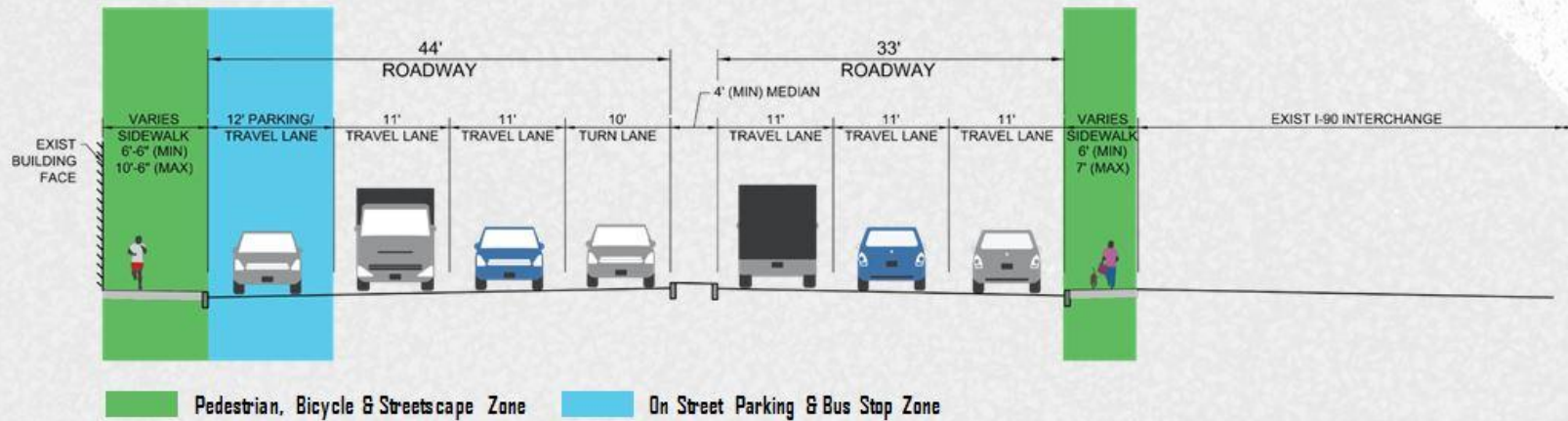
Existing Cross Section: East of North Harvard St



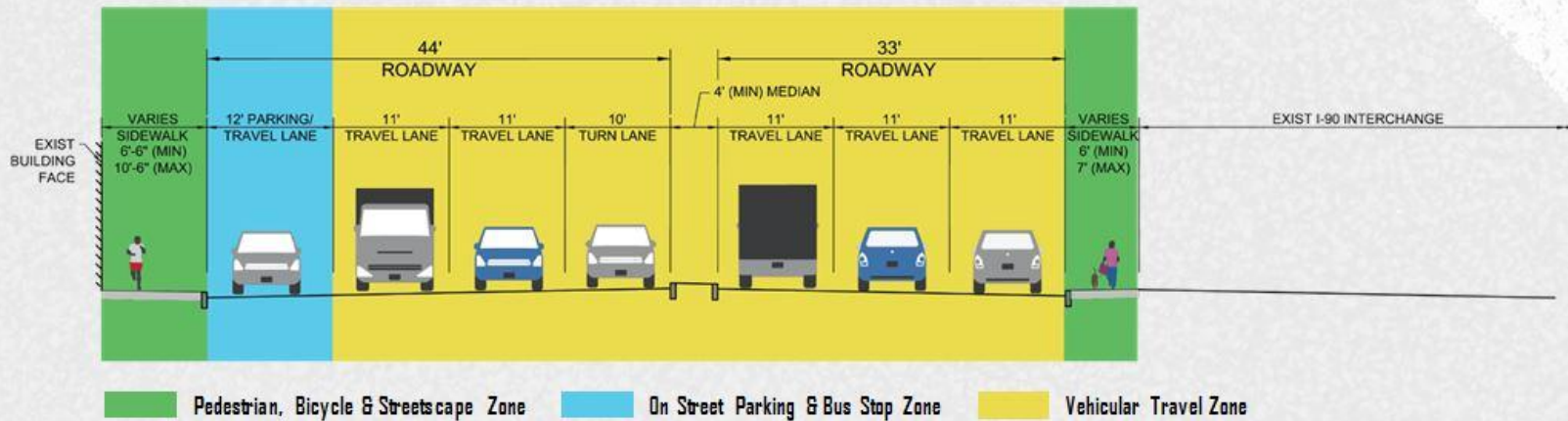
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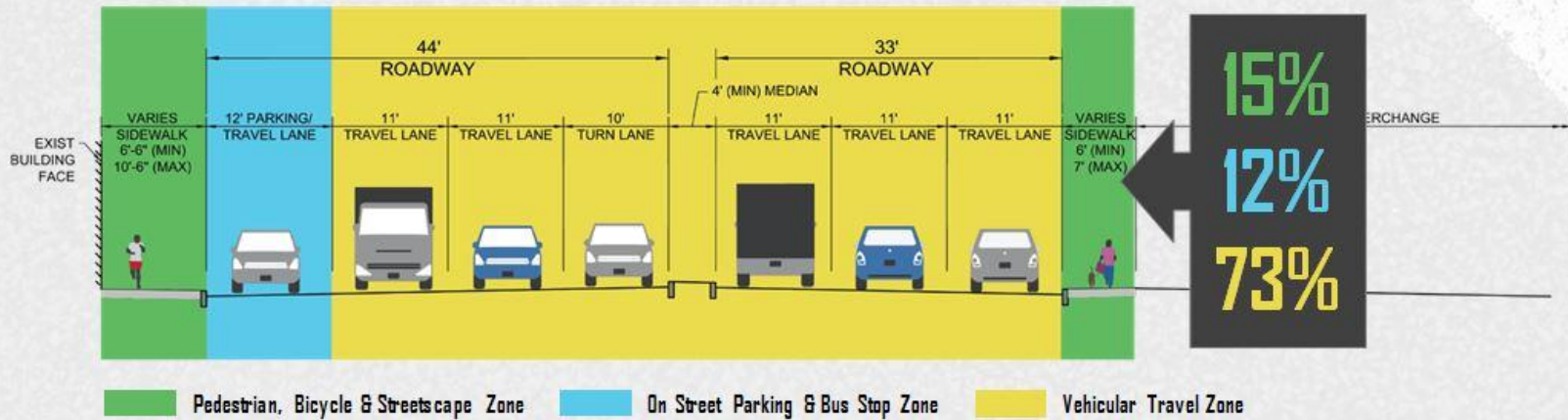
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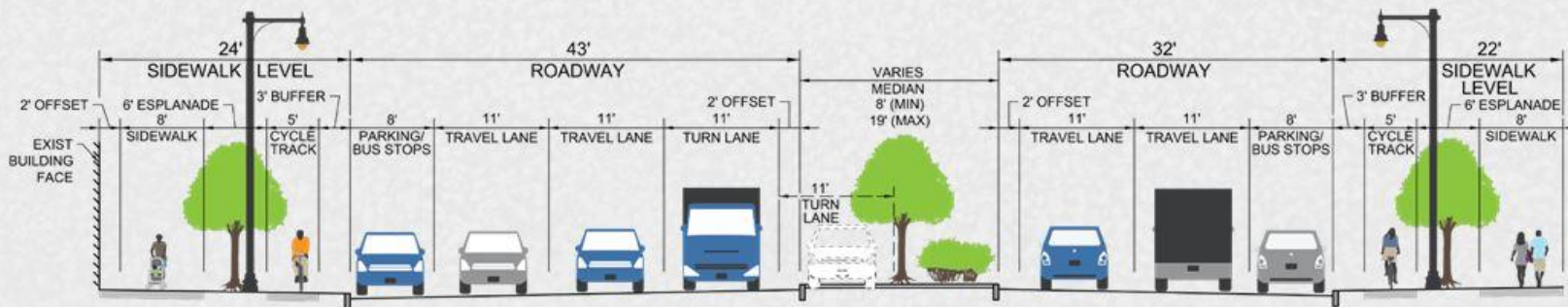
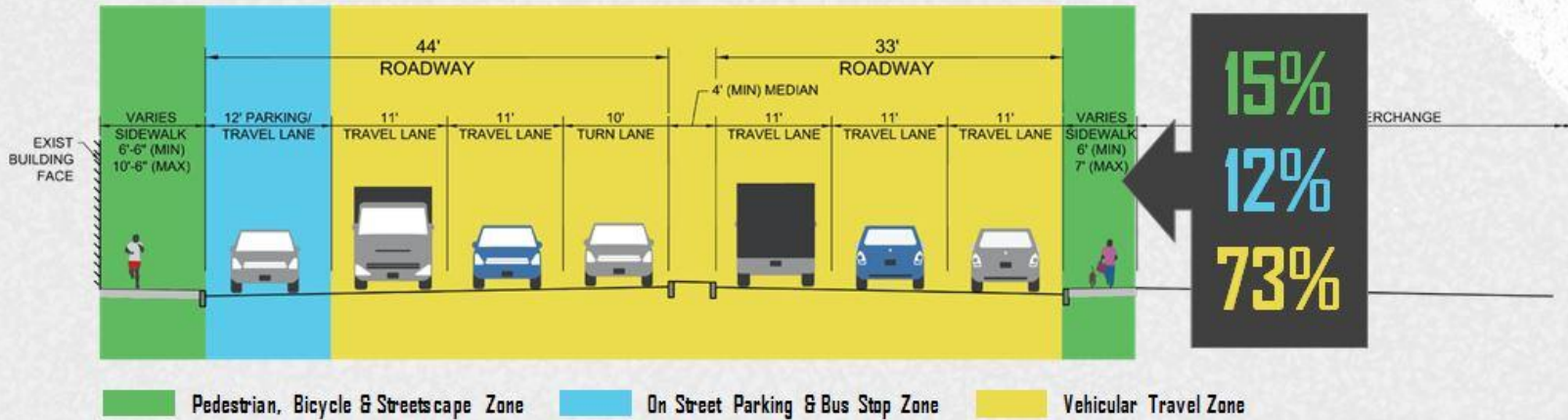
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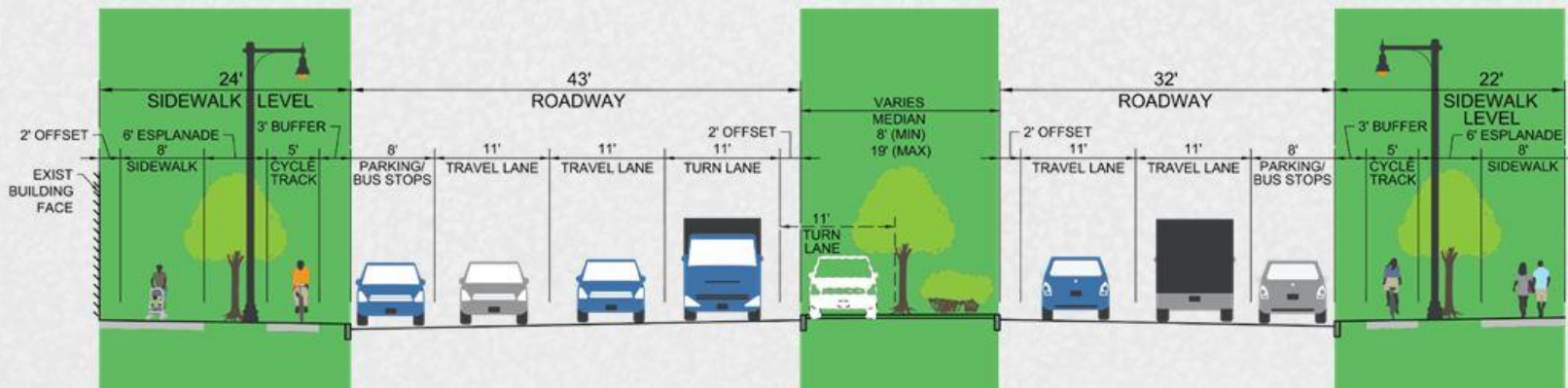
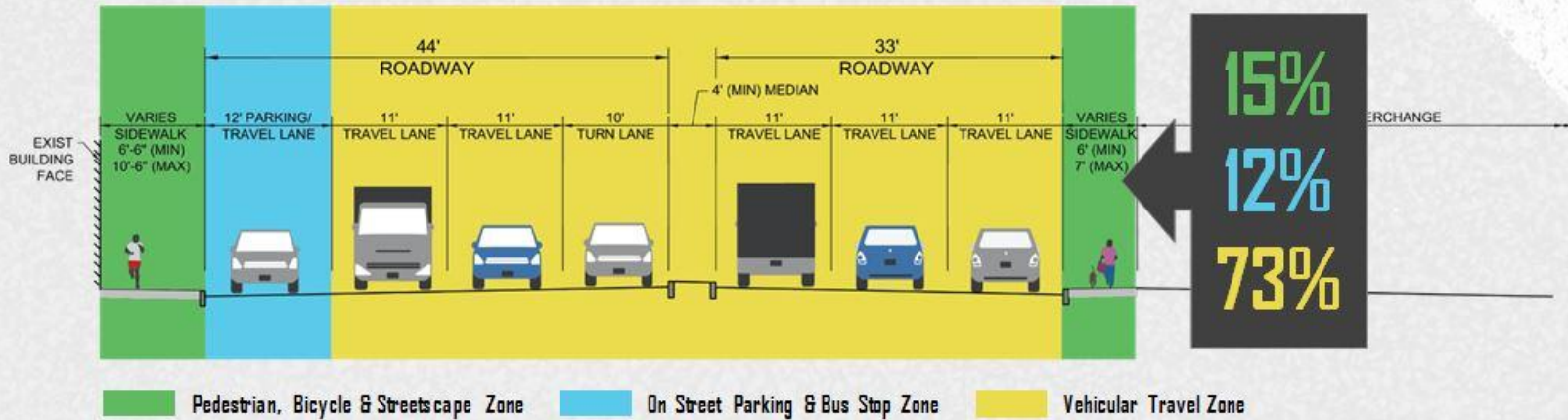
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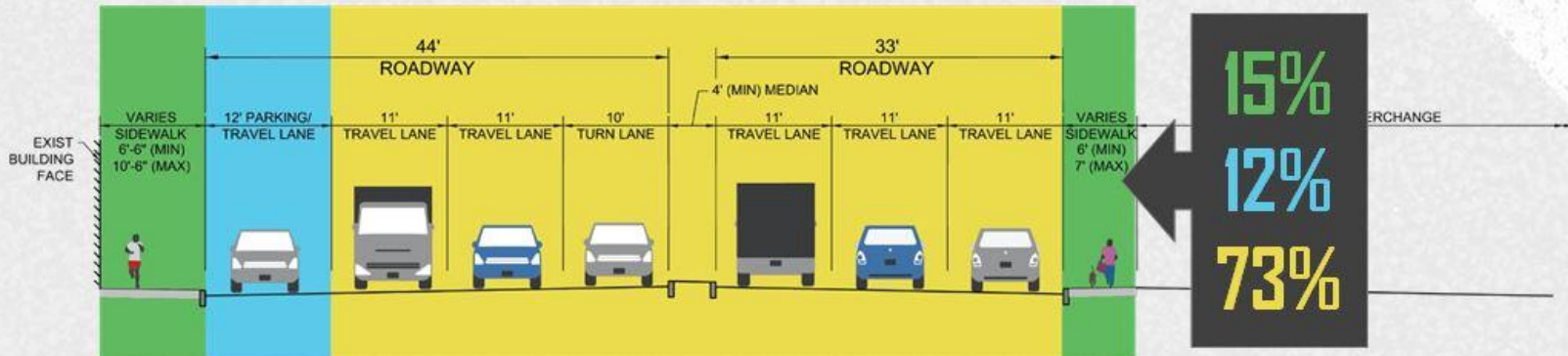
Proposed Cross Section: East of North Harvard St



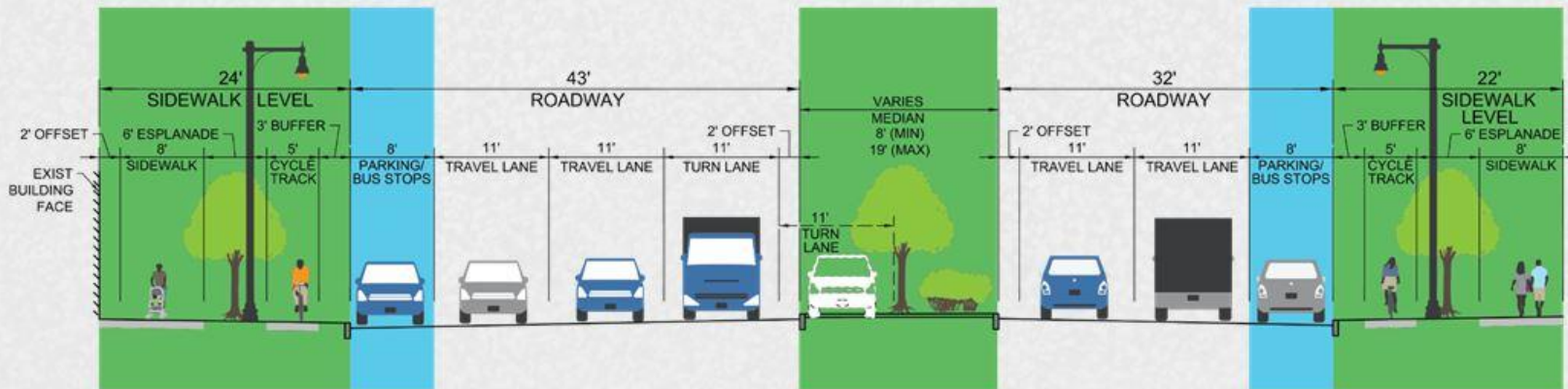
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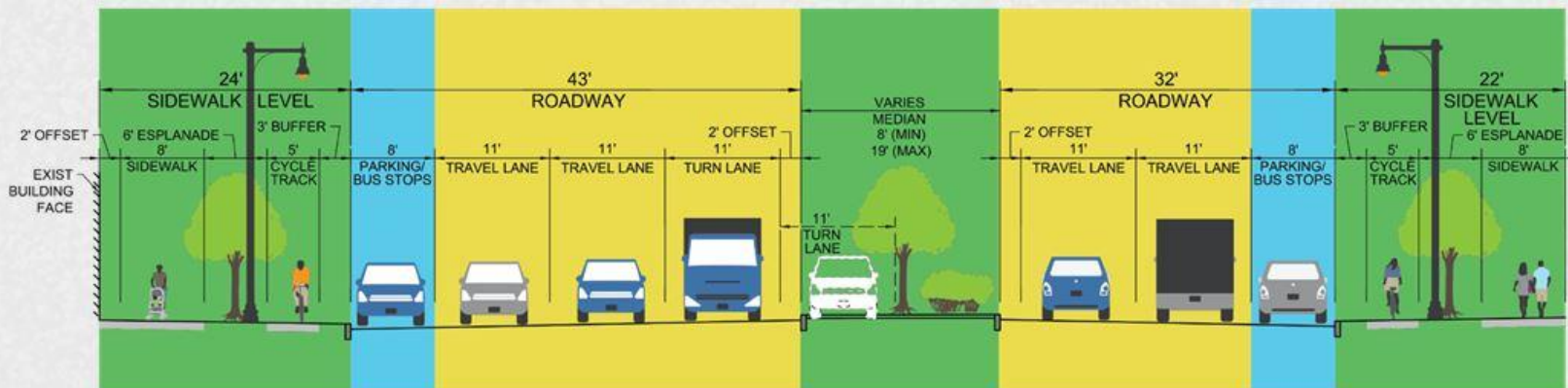
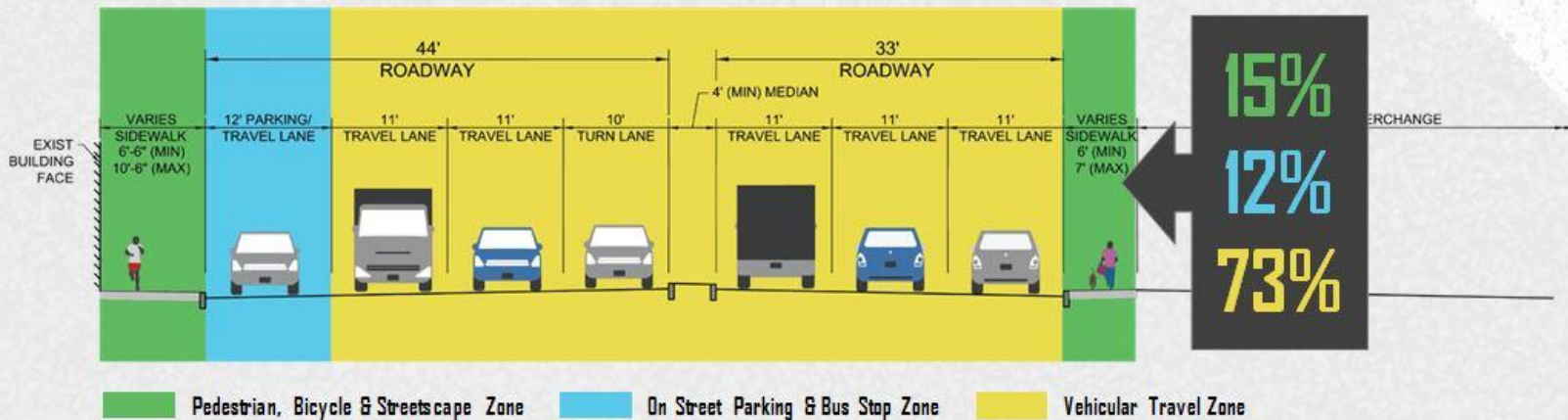
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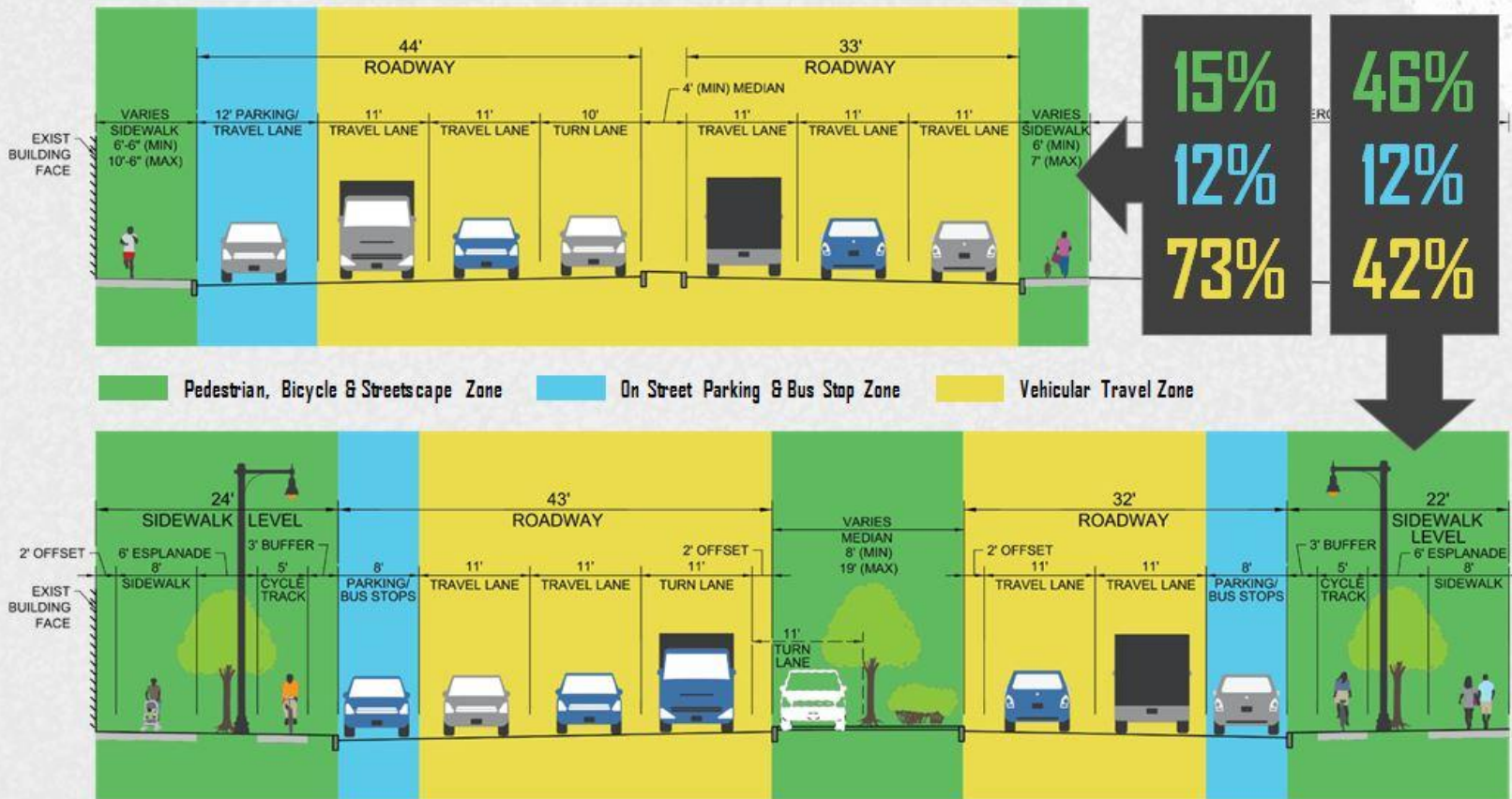
Pedestrian, Bicycle & Streetscape Zone
On Street Parking & Bus Stop Zone
Vehicular Travel Zone



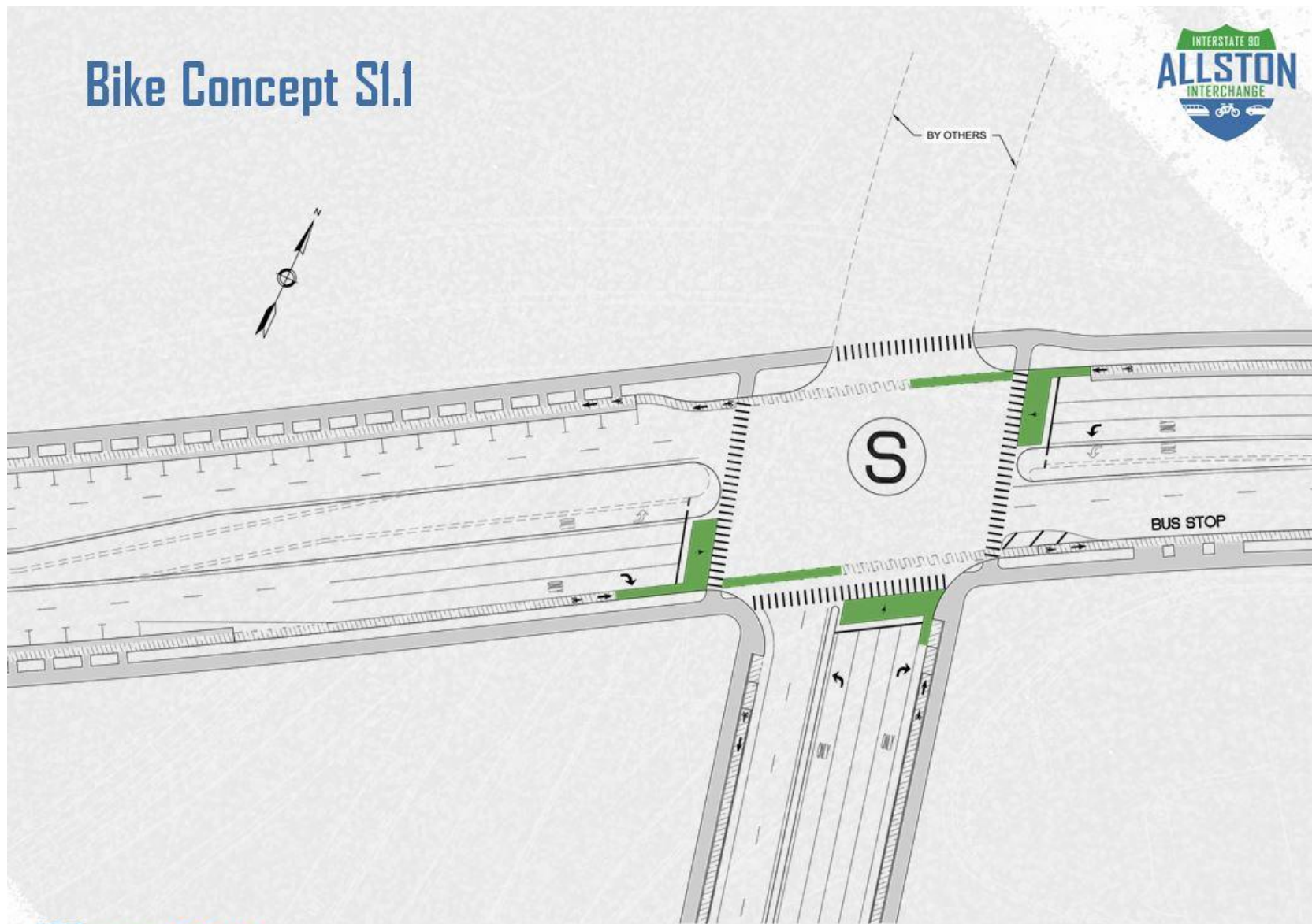
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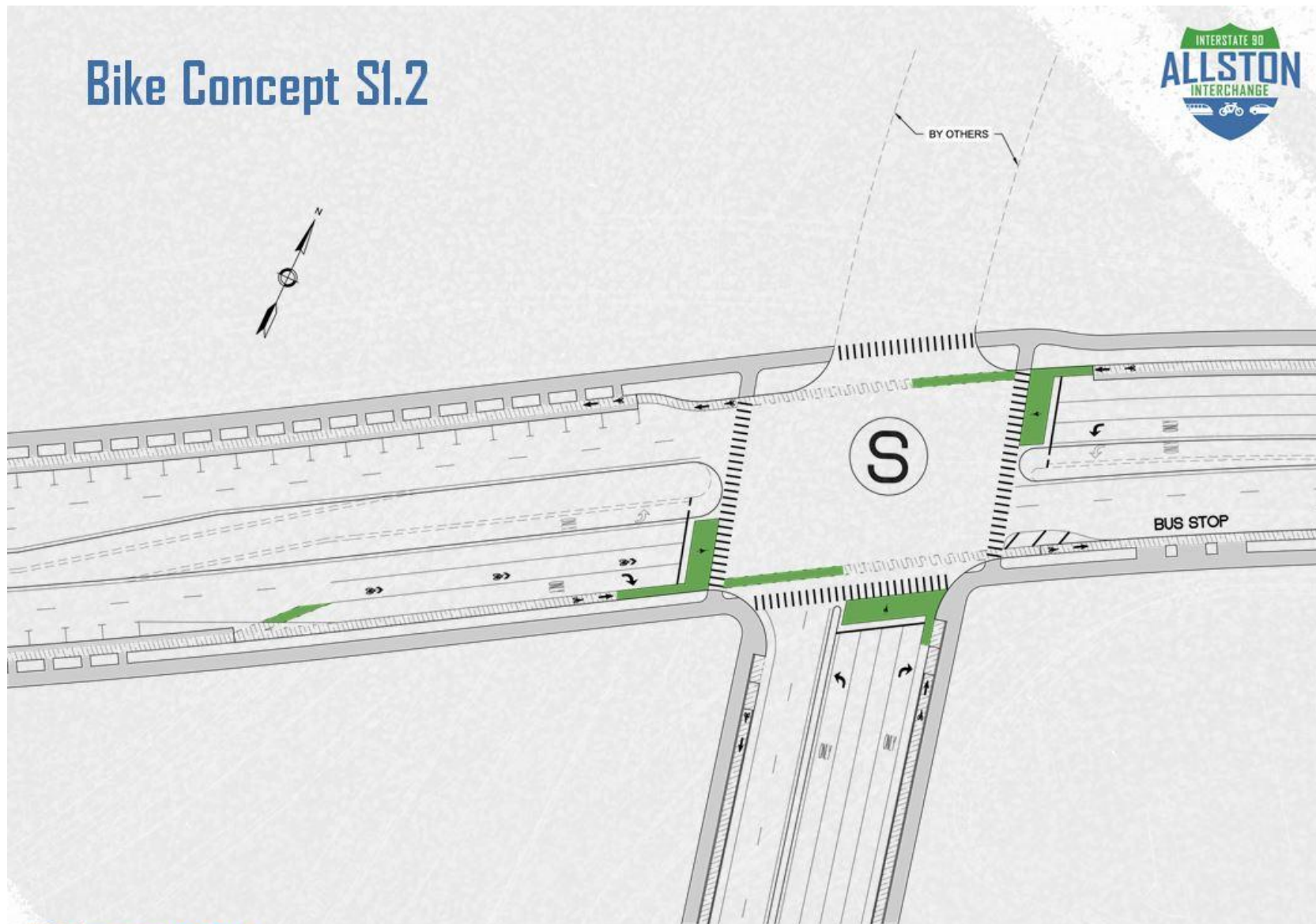
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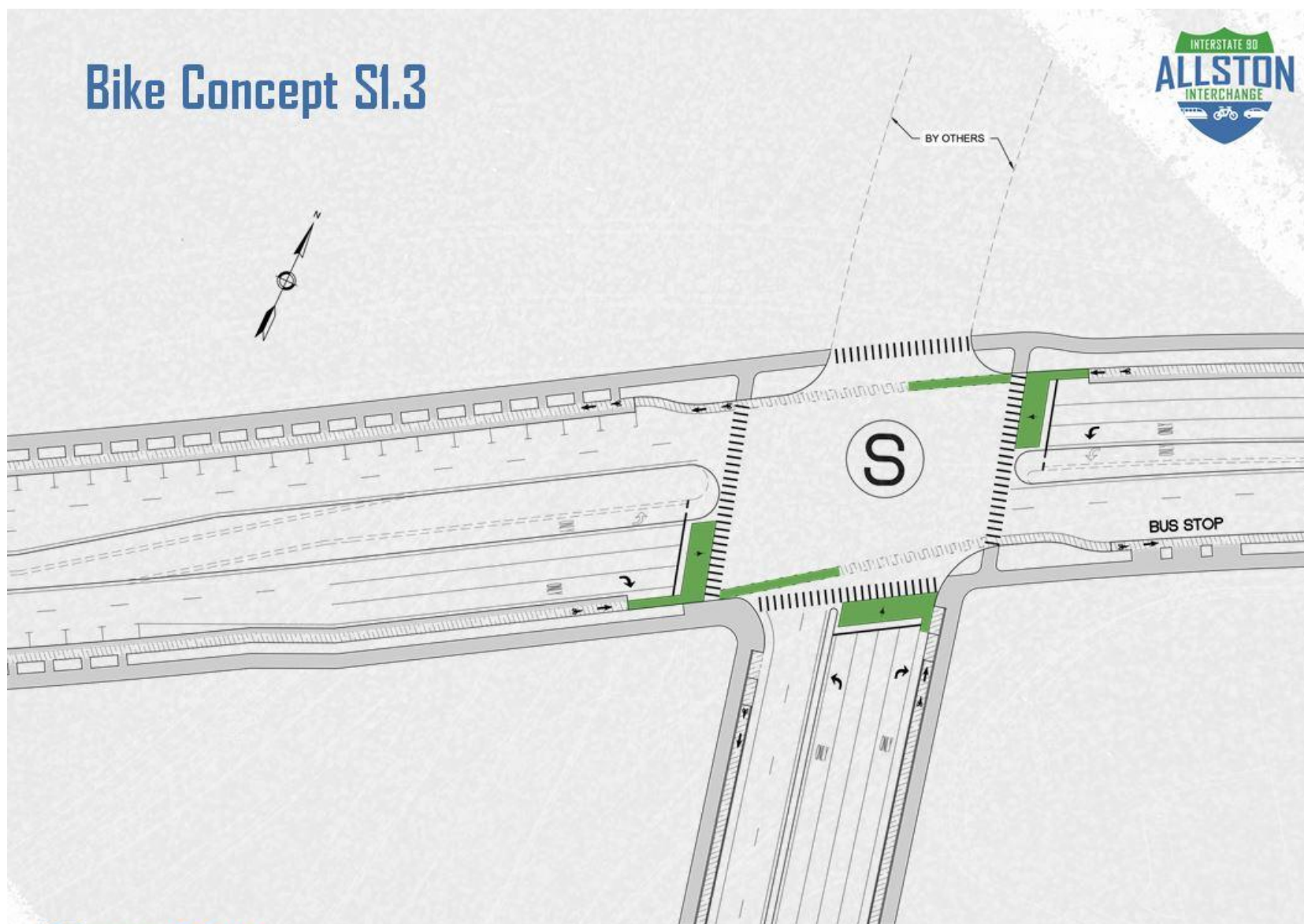
Bike Concept S1.1



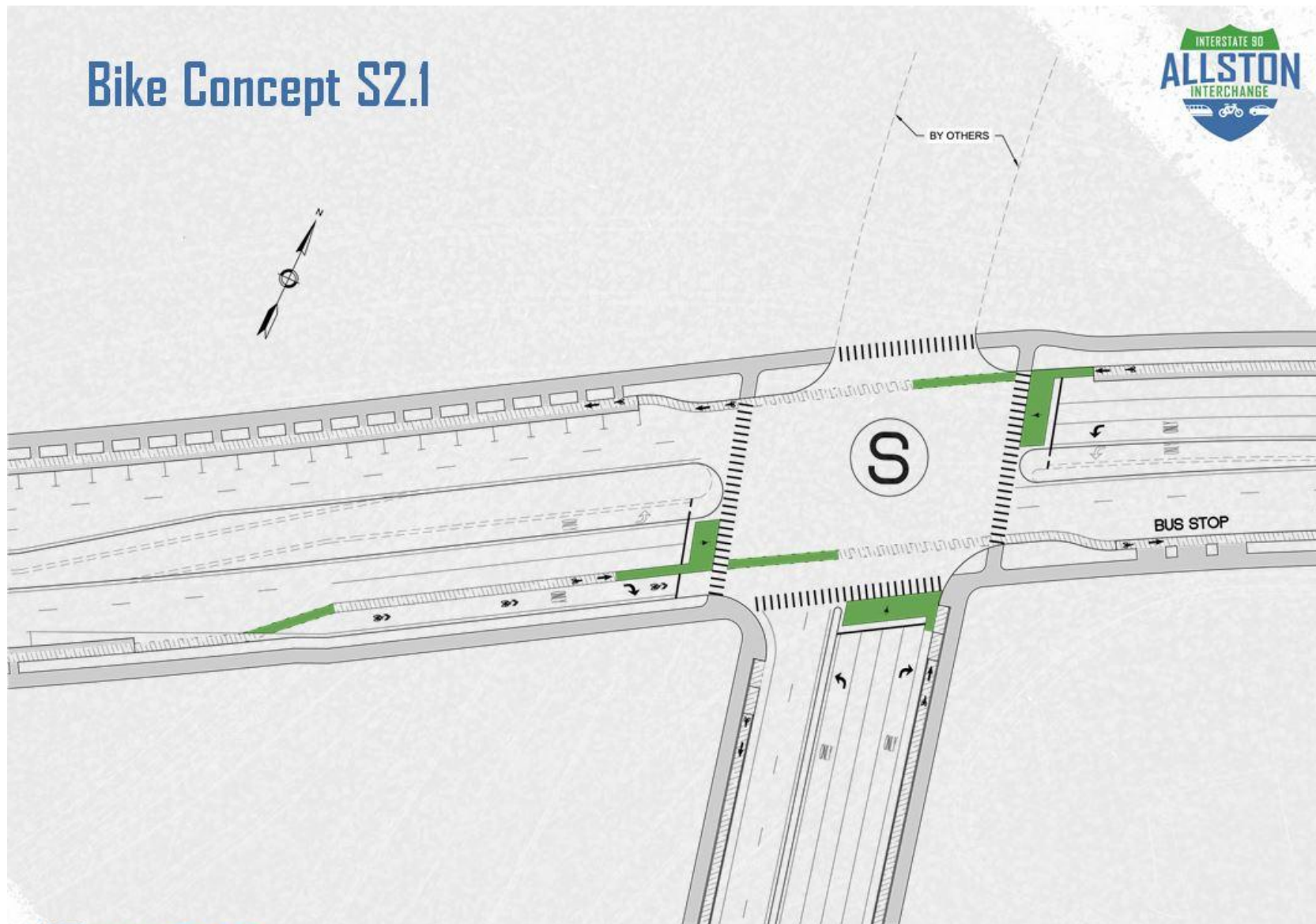
Bike Concept Sl.2



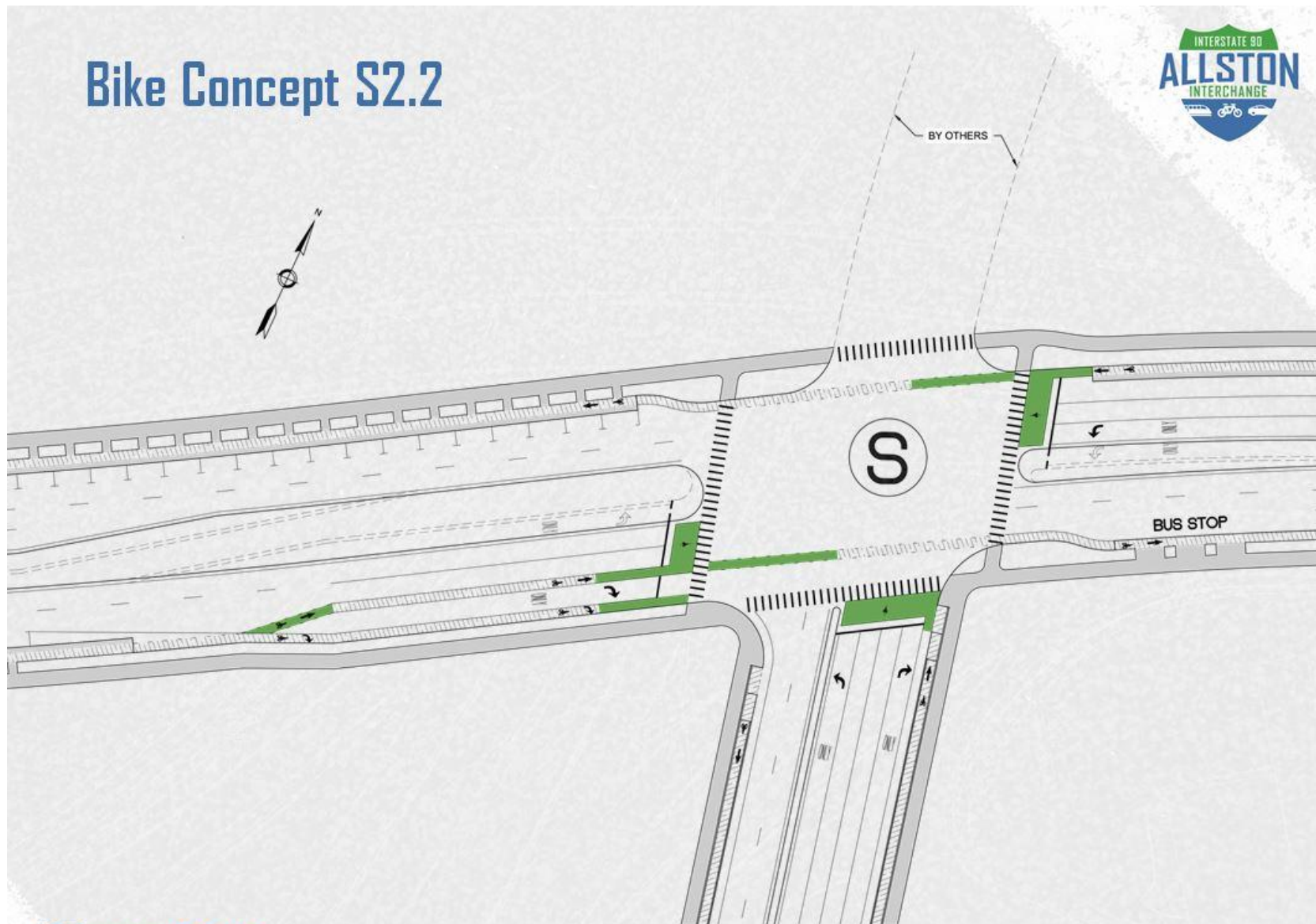
Bike Concept Sl.3



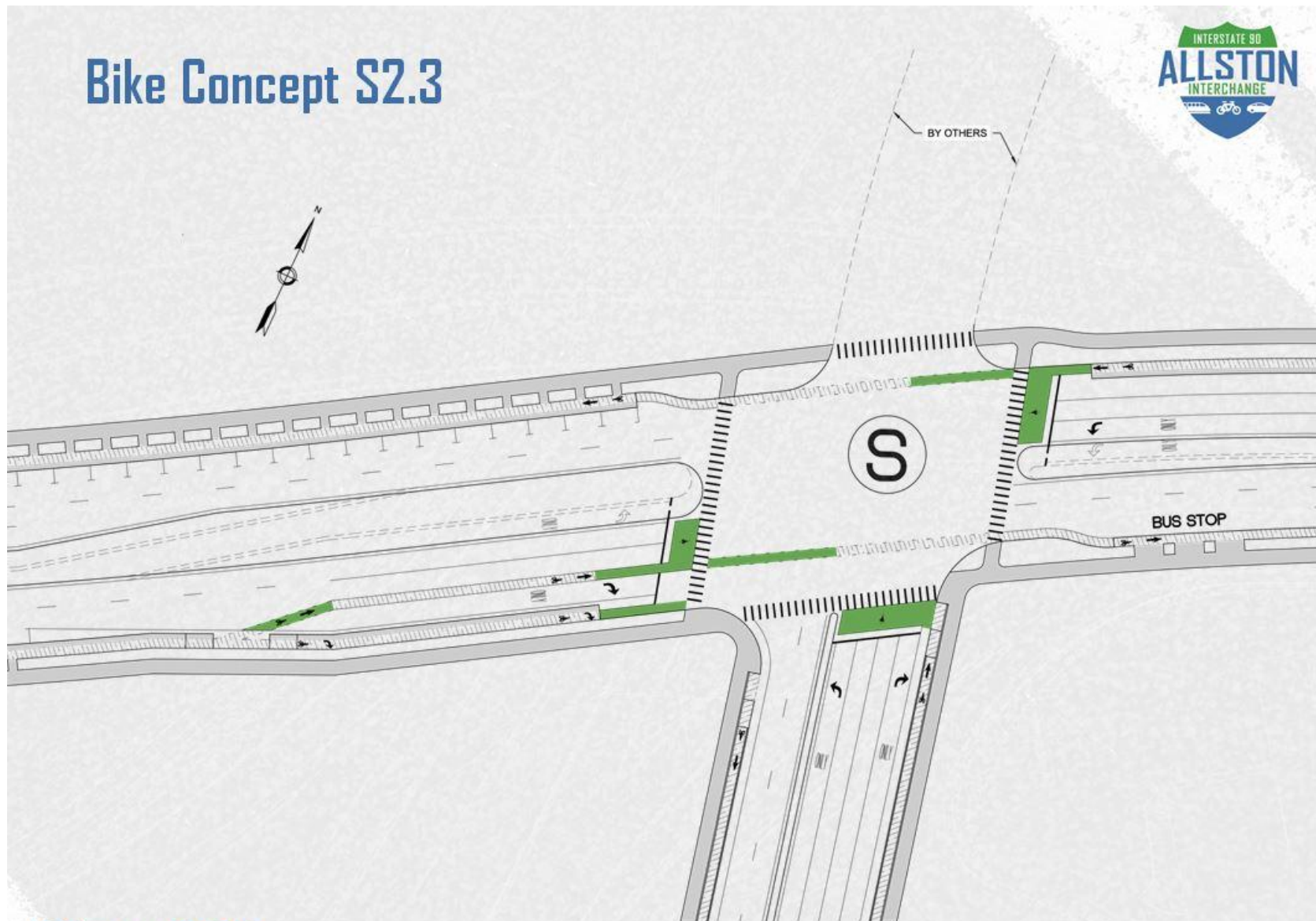
Bike Concept S2.1



Bike Concept S2.2



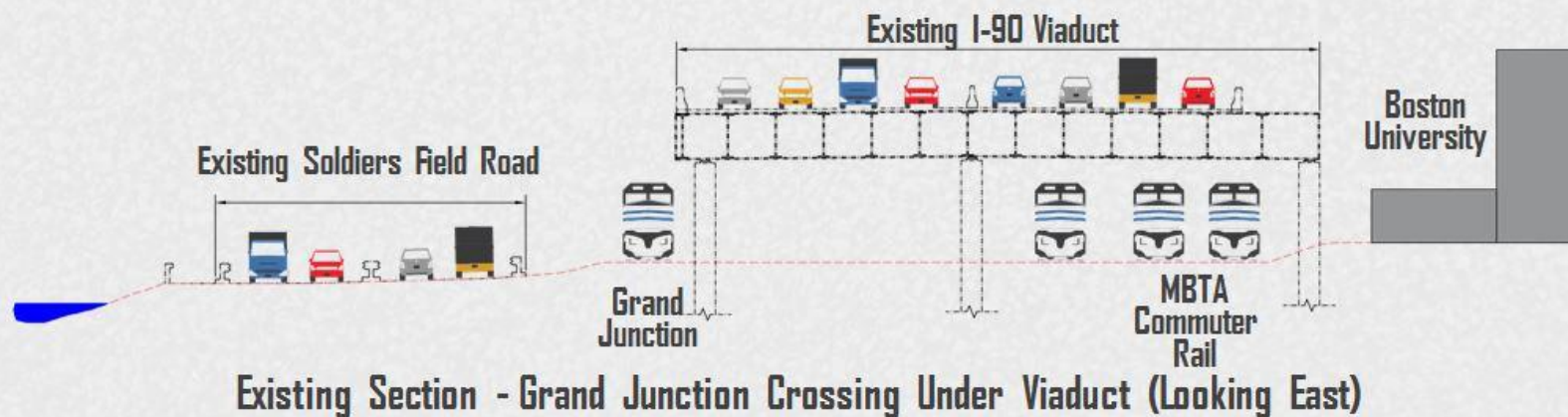
Bike Concept S2.3



Soldiers Field Road Update



- Early Concept Development Underway
- Goal to Enhance Parkland Adjacent to River
- Coordination with DCR



Discussion

Next meeting – August 13 – Fiorentino Center