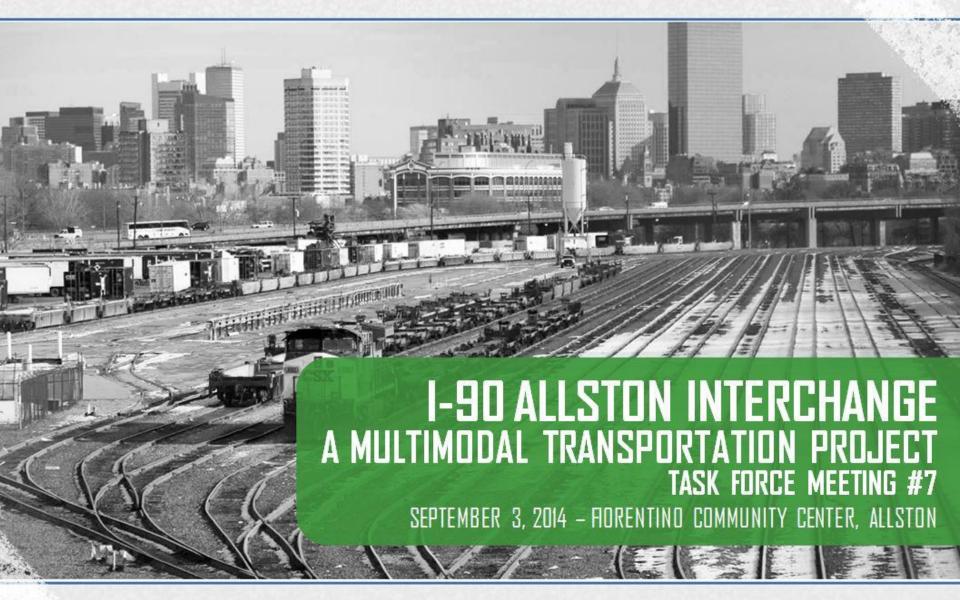
I-90 Allston Interchange A multimodal transportation project

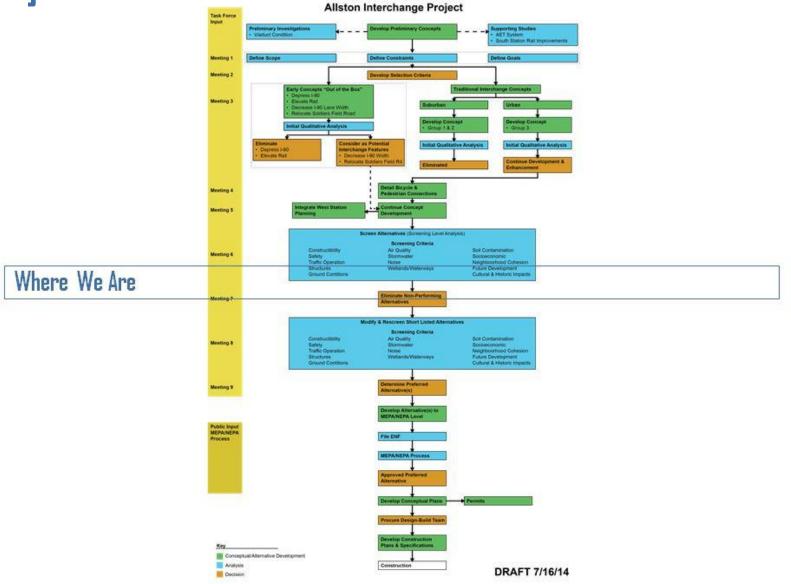




Task Force Administration

- Minutes
- Project Flow Chart/Vision and Goals
- Update on Meetings with Government Entities

Project Flow Chart



Shared Priorities

- ✓ Improve safety for all modes: walking, cycling, driving, transit
- ✓ Realign I-90
- ✓ Context sensitive design or:
 - ✓ Lessen impact of interchange
 - ✓ Avoid inducing cut-through traffic with new configuration
 - Reconnect sections of Allston to each other and the River
- ✓ Protect the neighborhood during construction
- ✓ A more vibrant Cambridge Street that serves all modes
- ✓ Accessibility to transit at future West Station

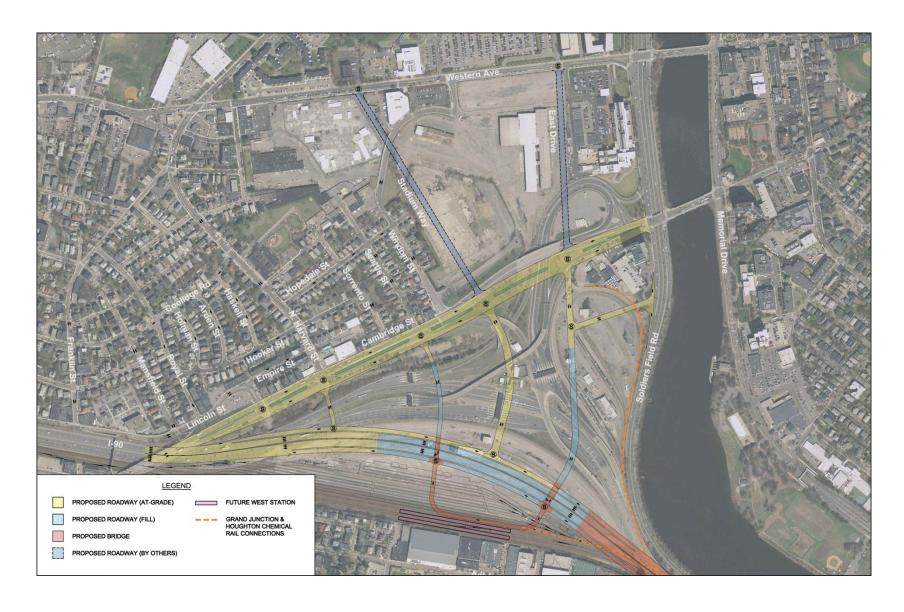
Regional Traffic Study

Presentation by Scott Peterson of CTPS

Preliminary Traffic Results for Selected Interchange Concepts

- Option 3F
- Option 3G
- Option 3H
- Option 31

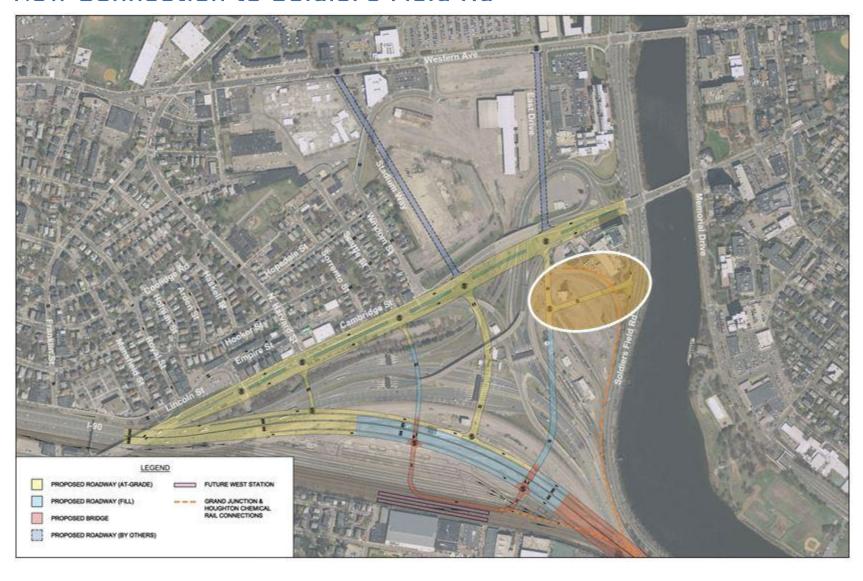
Option 3F-1



Option 3F-1: Key Design Features Connectivity to Cambridge Street



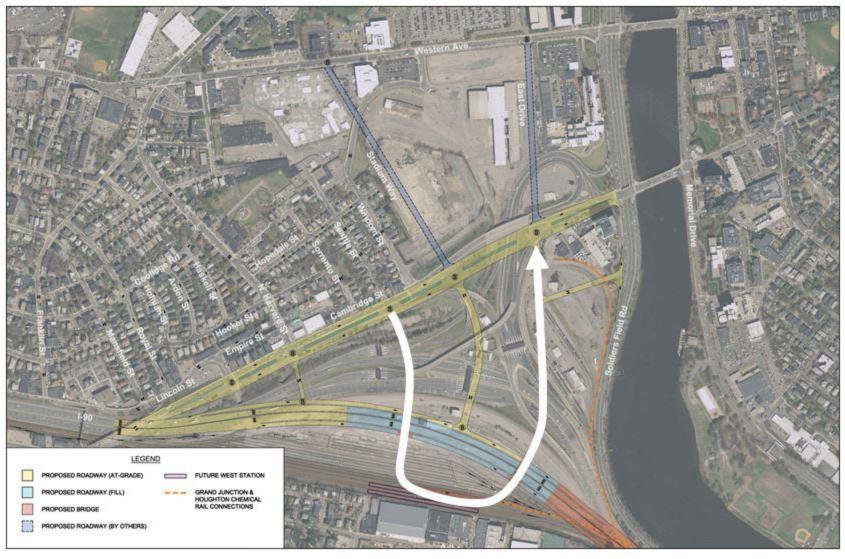
Option 3F-1: Key Design Features New Connection to Soldiers Field Rd



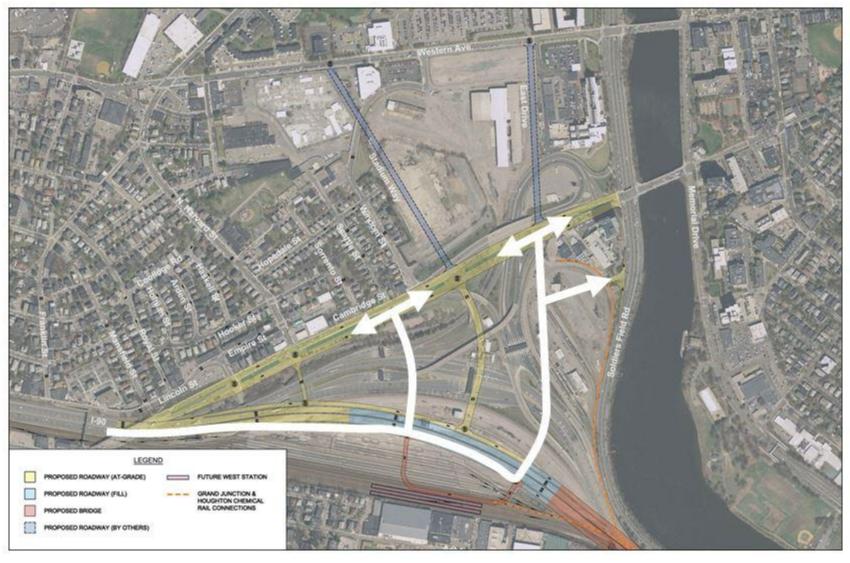
Option 3F-1: Key Design Features Grade Separation of EB & WB Ramps



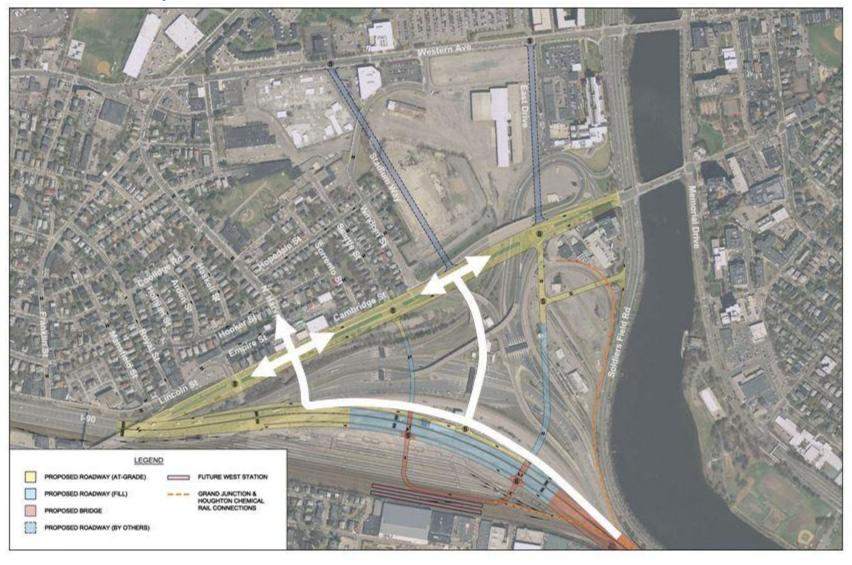
Option 3F-1: Key Design Features Vehicular Connectivity to West Station



Option 3F-1: I-90 Access EB Off-Ramp



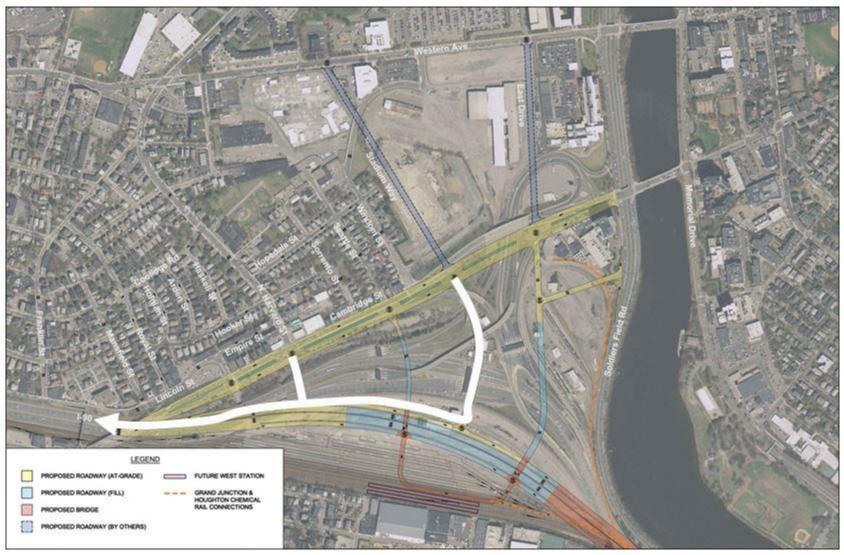
Option 3F-1: I-90 Access WB Off-Ramp



Option 3F-1: I-90 Access EB On-Ramp



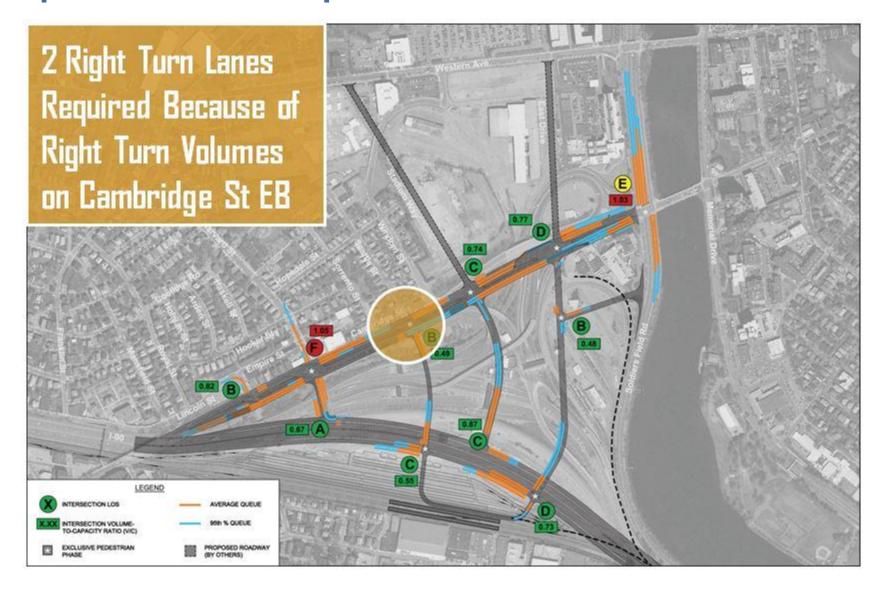
Option 3F-1: I-90 AccessWB On-Ramp



Option 3F-1: Traffic Operations



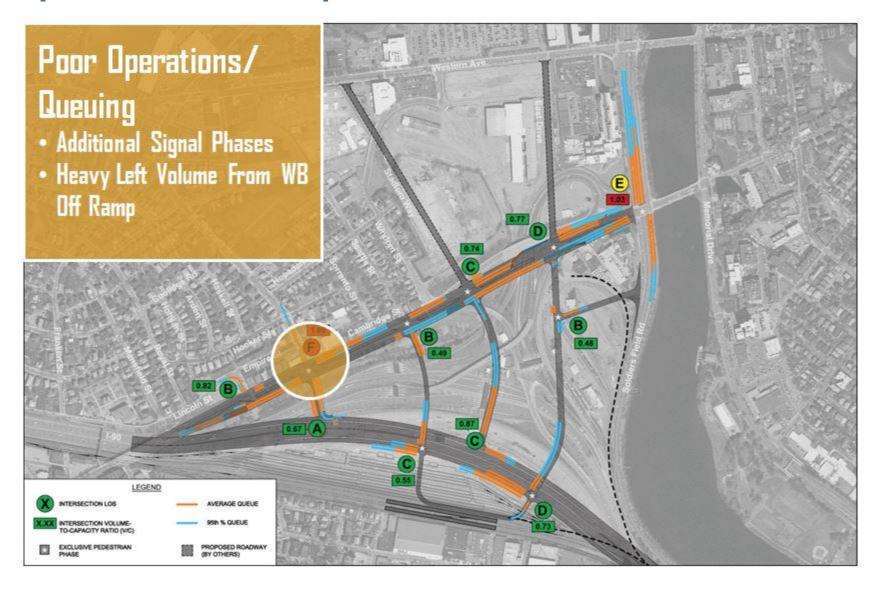
Option 3F-1: Traffic Operations - 1



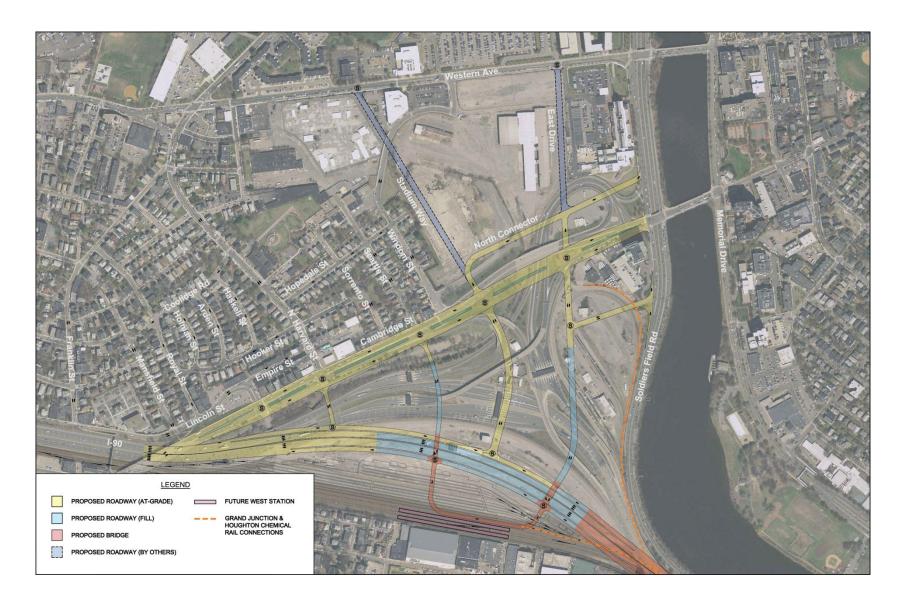
Option 3F-1: Traffic Operations - 2



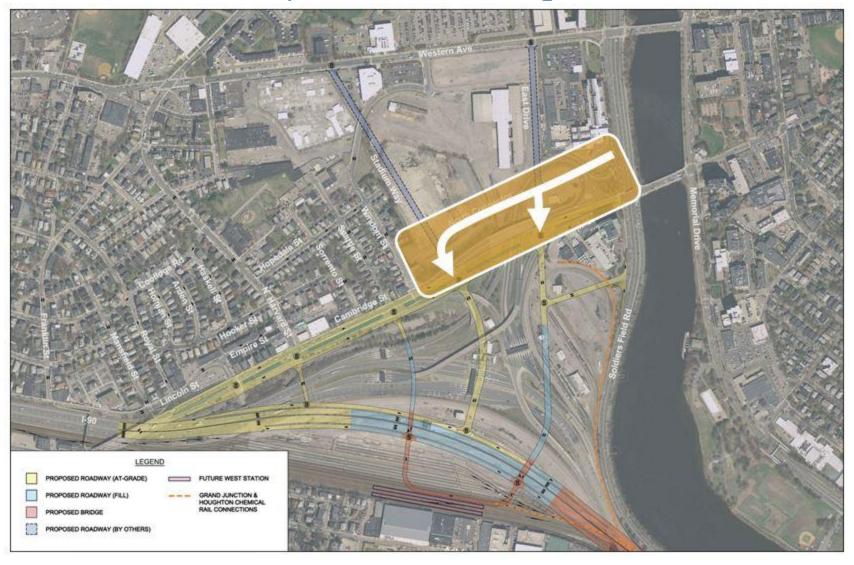
Option 3F-1: Traffic Operations - 3



Option 3F-2 - 1



Option 3F-2: Key Design Features New Parallel Roadway North of Cambridge St.



Option 3F-2: Key Design Features Connectivity to Cambridge Street



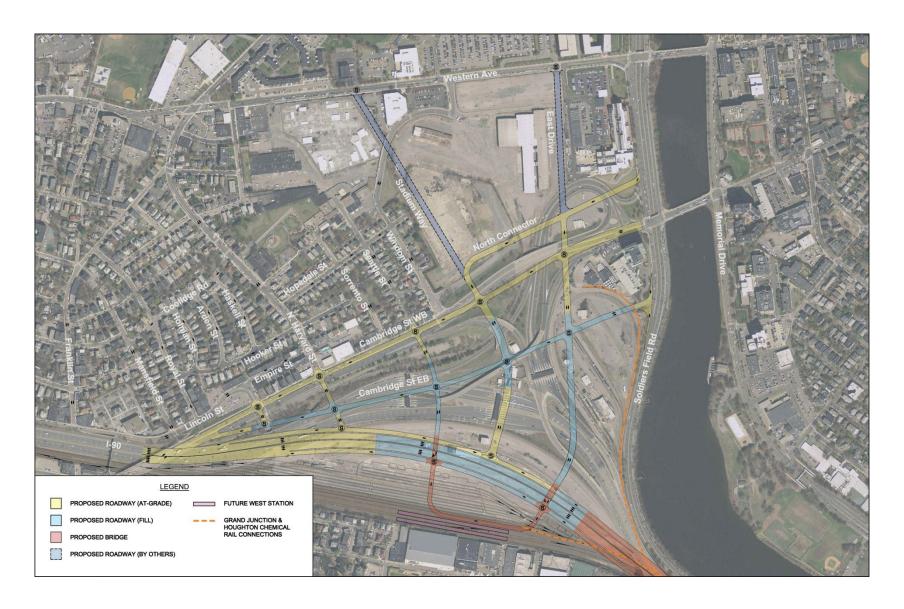
Option 3F-2: Traffic Operations - 1



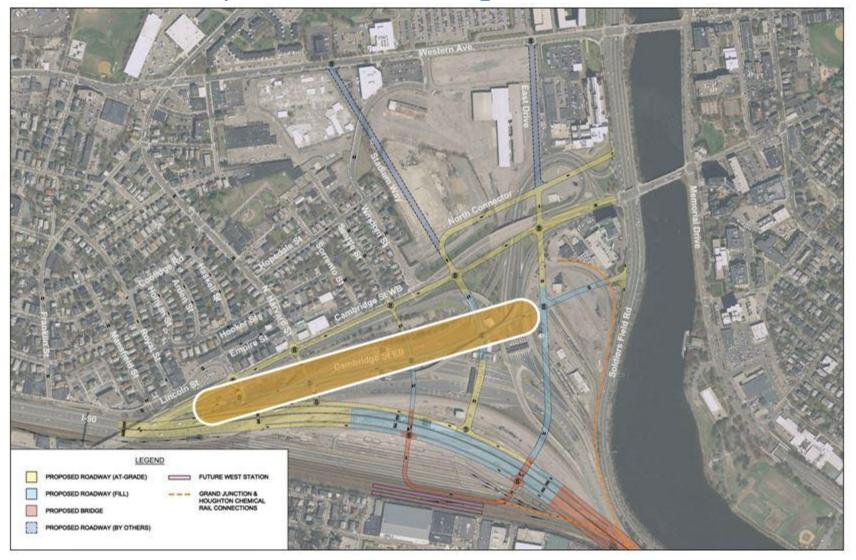
Option 3F-2: Traffic Operations - 2



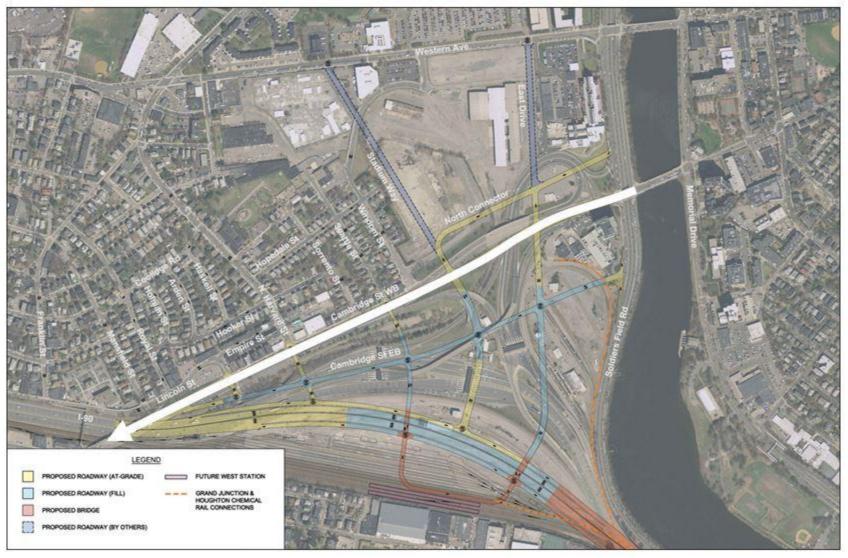
Option 3F-3



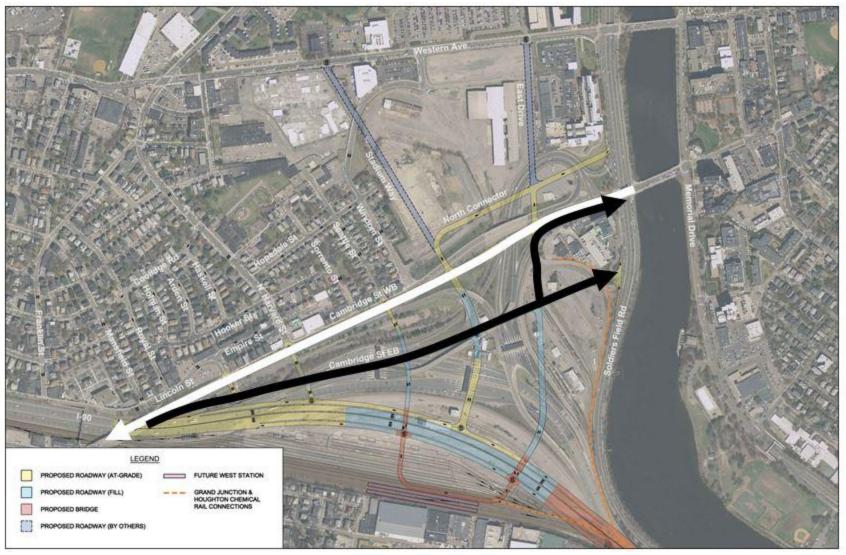
Option 3F-3: Key Design Features - 1 Parallel Roadway South of Cambridge St



Option 3F-3: Key Design Features -2 Cambridge St – One-Way Pair



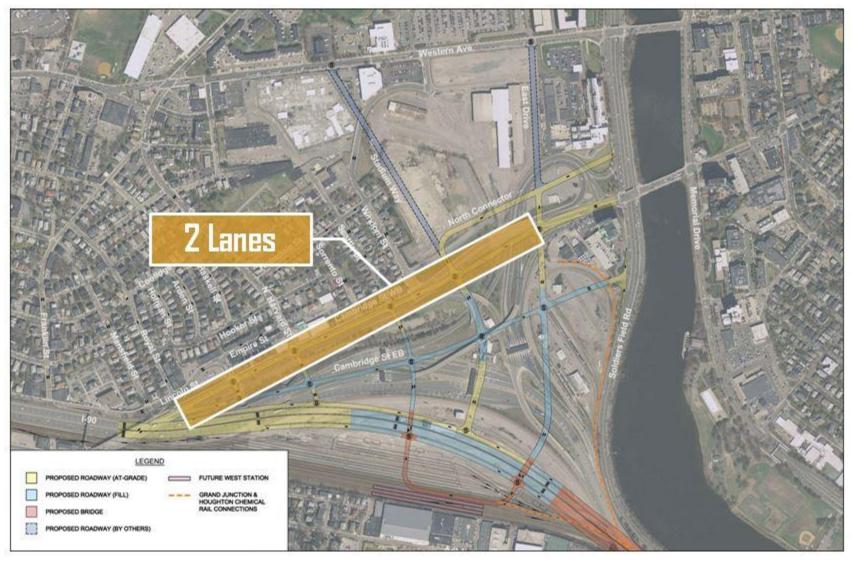
Option 3F-3: Key Design Features - 3 Cambridge St – One-Way Pair



Option 3F-3: Key Design Features - 4 Cambridge St – One-Way Pair



Option 3F-3: Key Design Features - 5 Cambridge St Cross-Section



Option 3F-3: Key Design Features - 6 Cambridge St Cross-Section



Option 3F-3: Key Design Features - 7 Signal Operations



Option 3F-3: Traffic Operations - 8



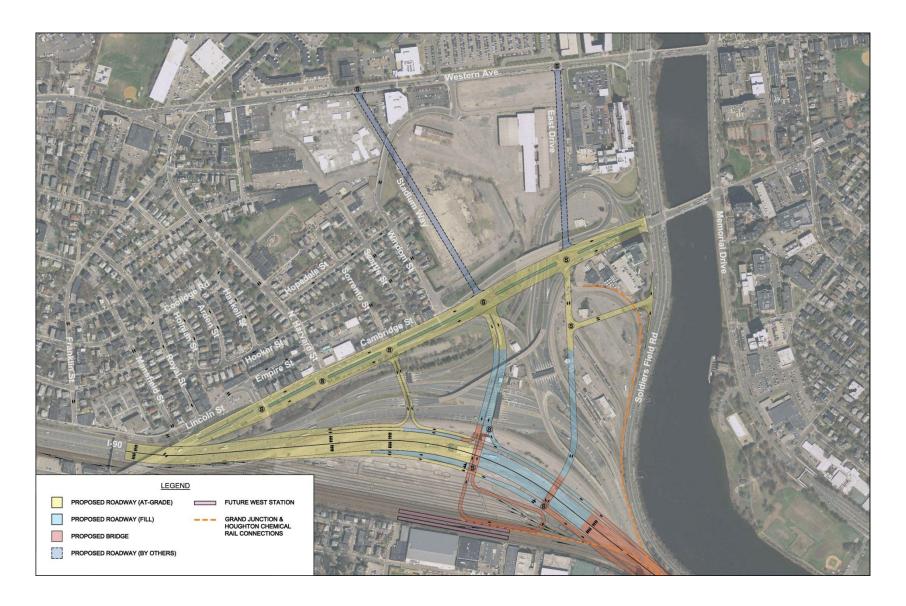
Option 3F-3: Traffic Operations - 9



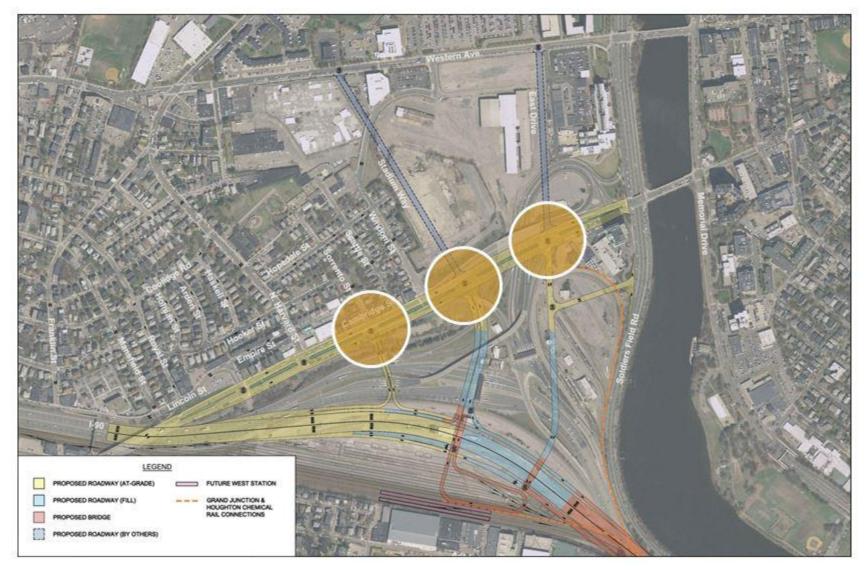
Option 3F-3: Traffic Operations - 10



Option 3G-1



Option 3G-1: Key Design Features Cambridge St Connectivity



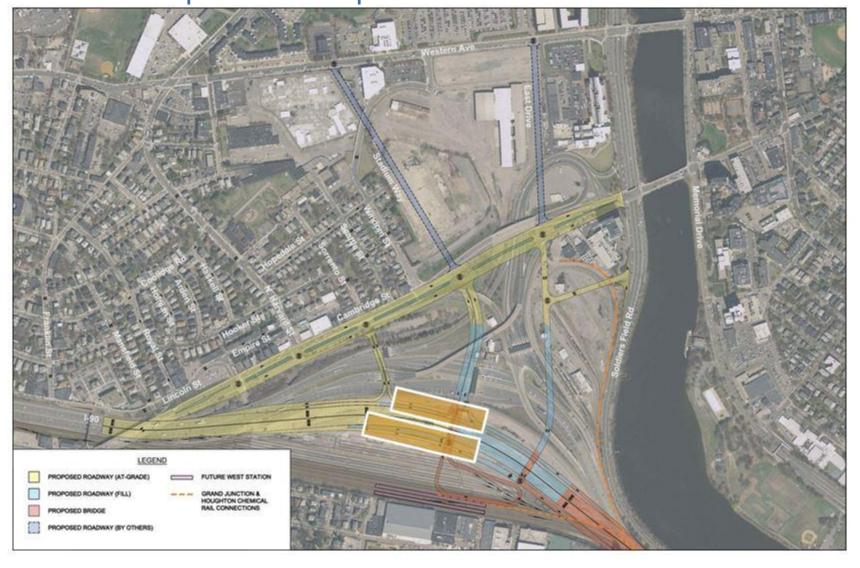
Option 3G-1: Key Design Features New Connection to Soldiers Field Rd



Option 3G-1: Key Design Features Grade Separation of EB & WB Ramps



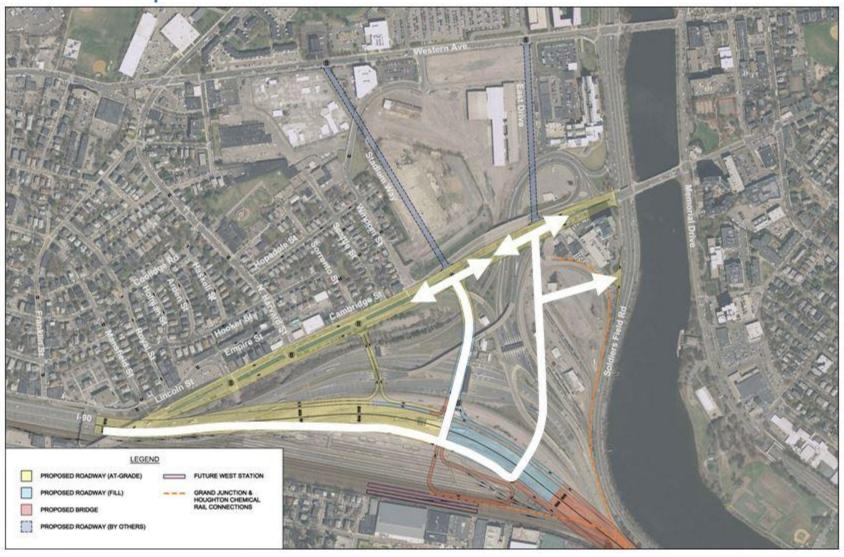
Option 3G-1: Key Design Features EB & WB Ramp Traffic is Split



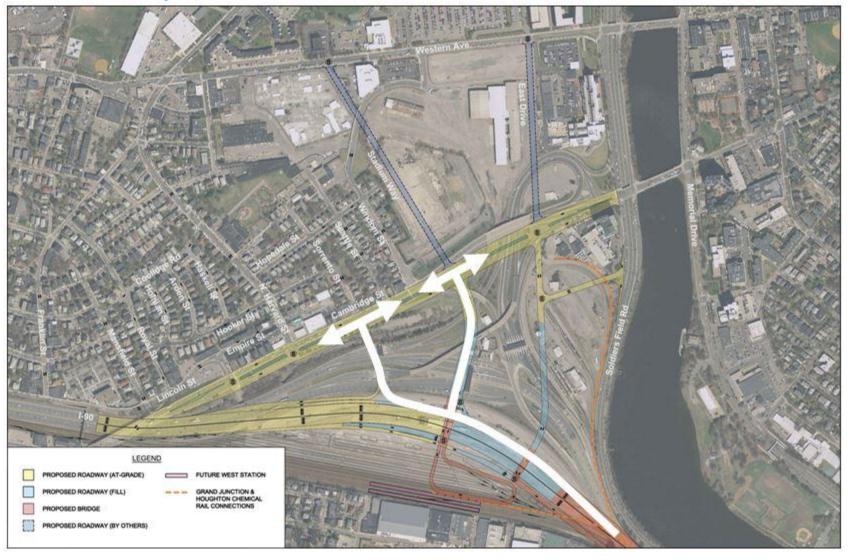
Option 3G-1: Key Design Features Connection to West Station



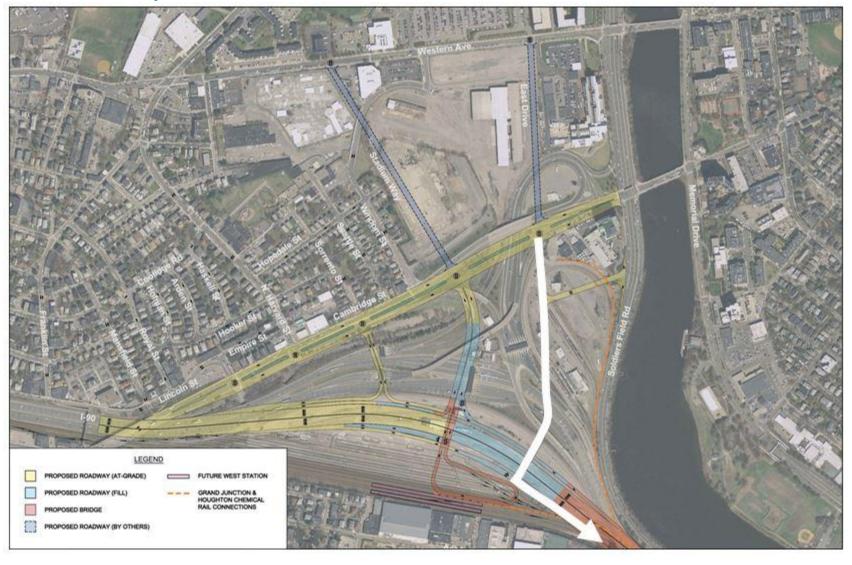
Option 3G-1: I-90 Access EB Off-Ramp



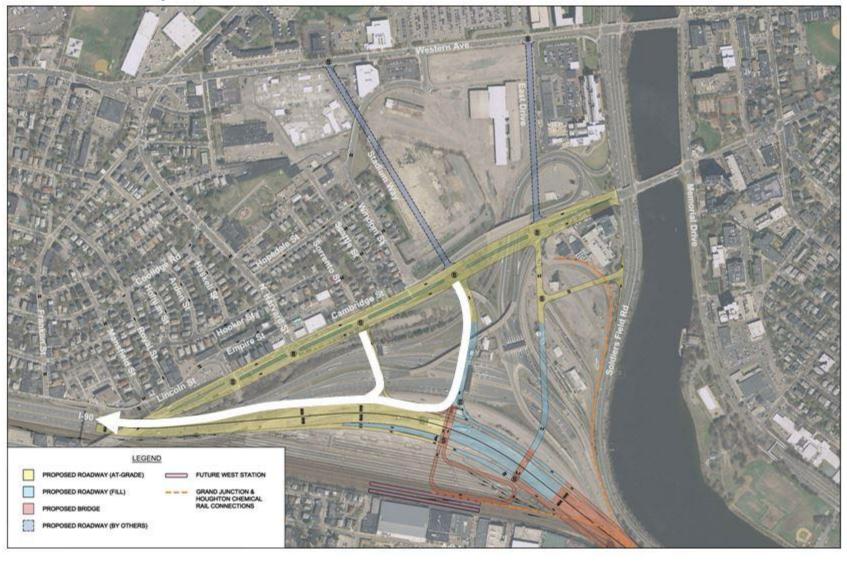
Option 3G-1: I-90 Access WB Off-Ramp



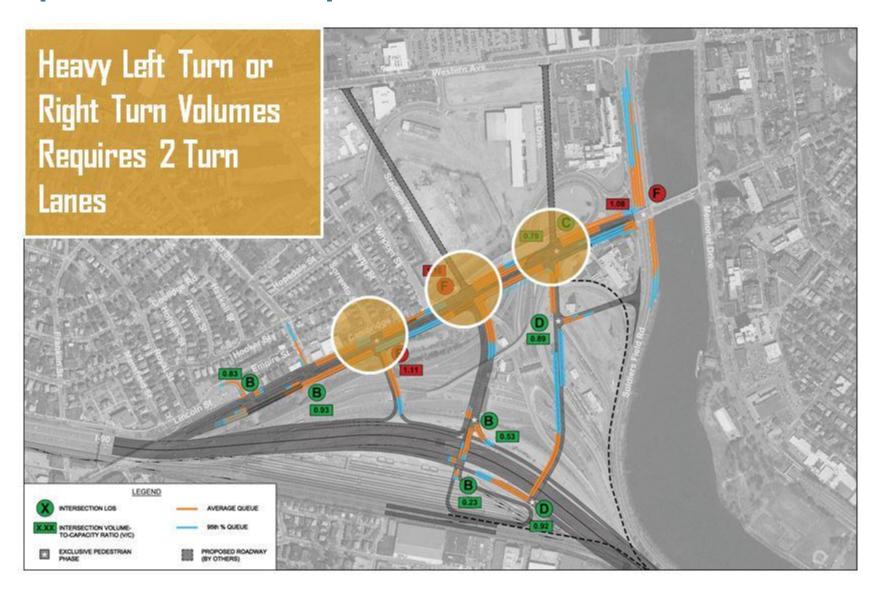
Option 3G-1: I-90 Access EB On-Ramp



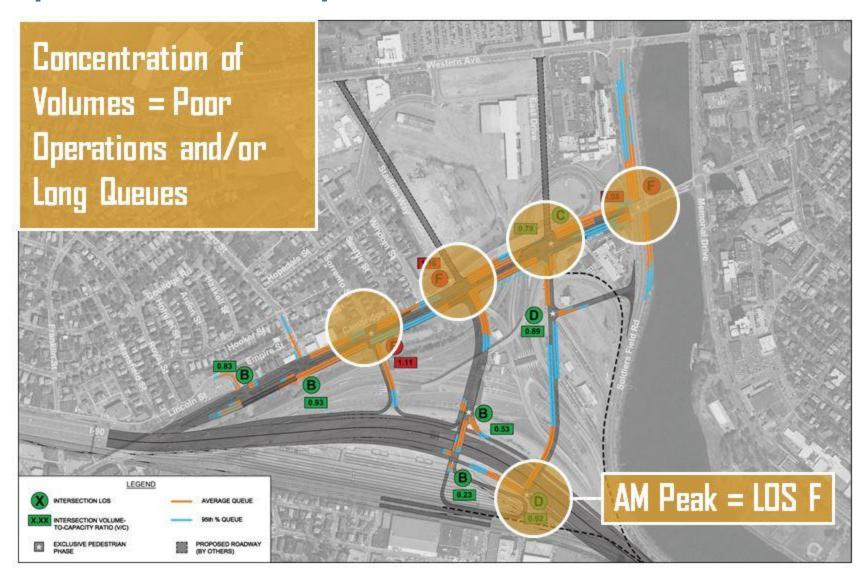
Option 3G-1: I-90 Access WB On-Ramp



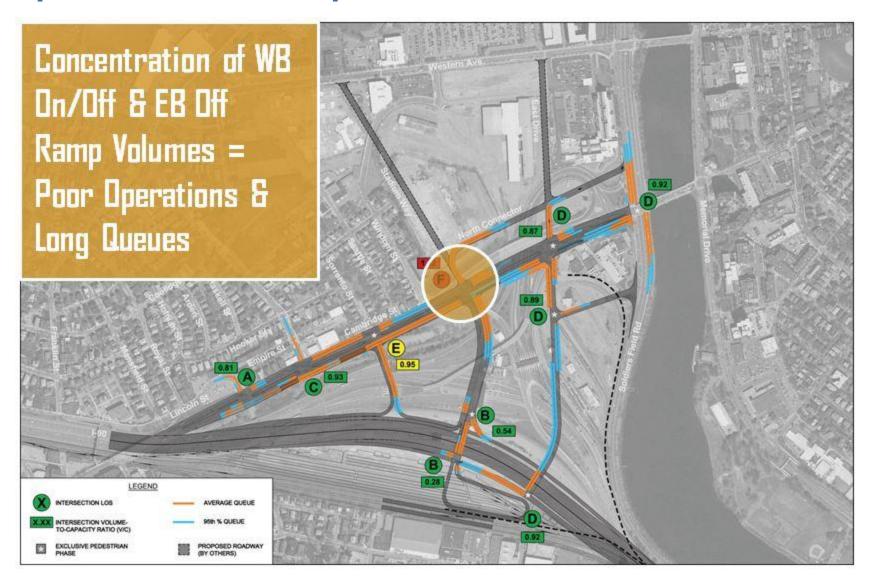
Option 3G-1: Traffic Operations - 1



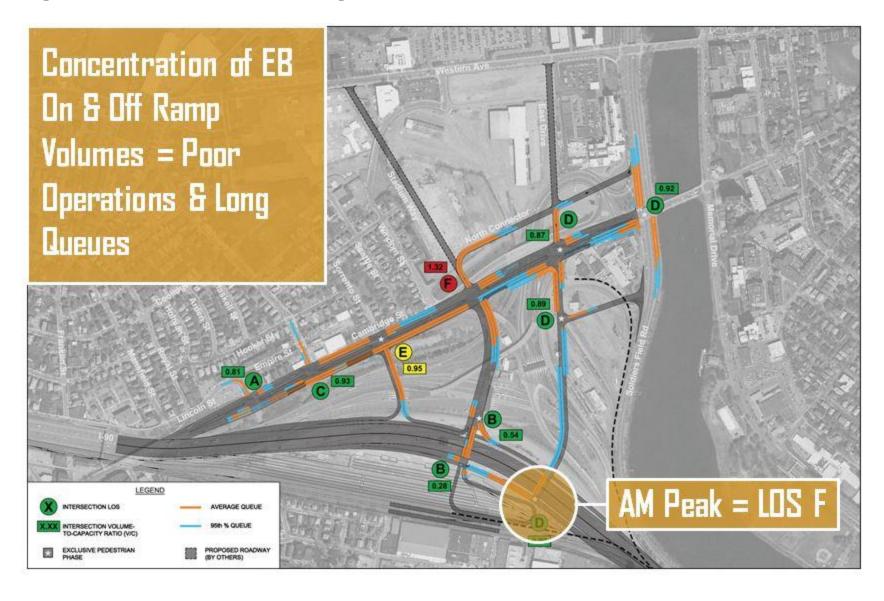
Option 3G-1: Traffic Operations - 2



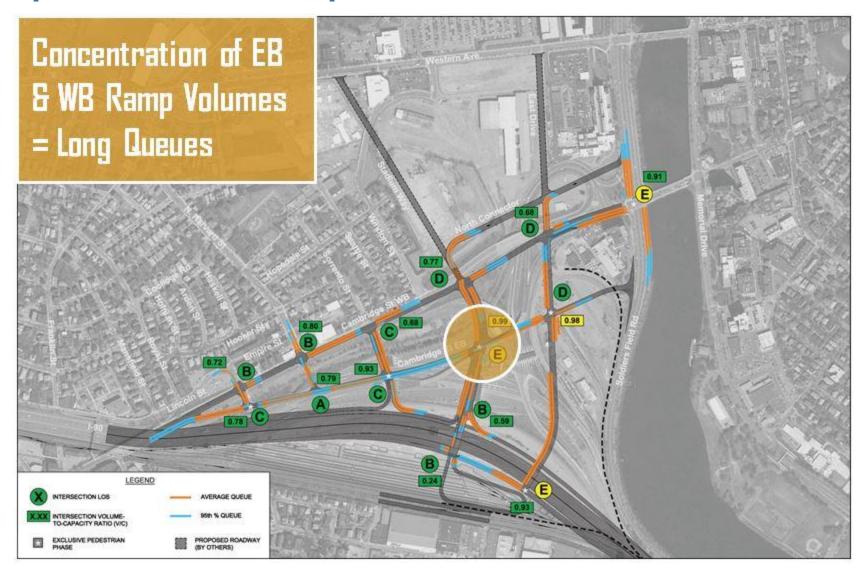
Option 3G-2: Traffic Operations - 3



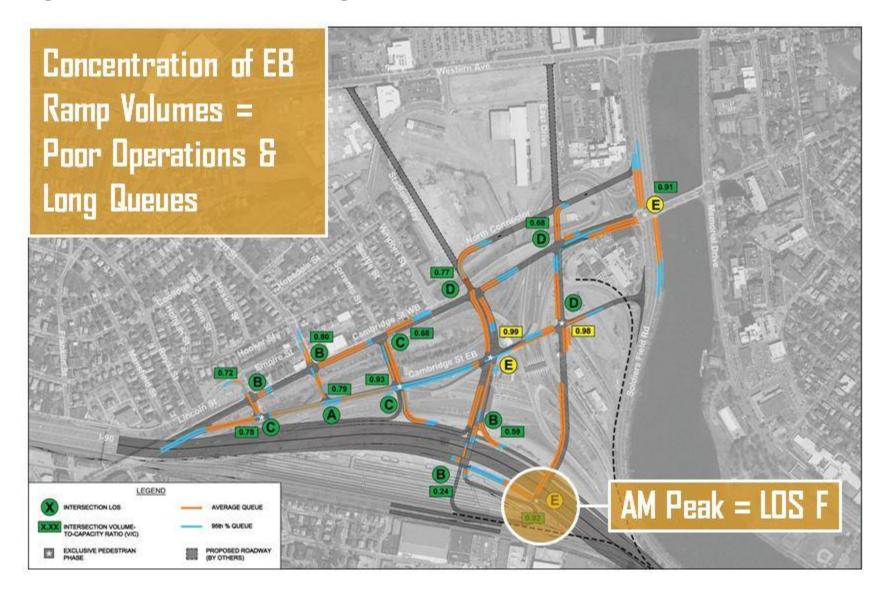
Option 3G-2: Traffic Operations - 4



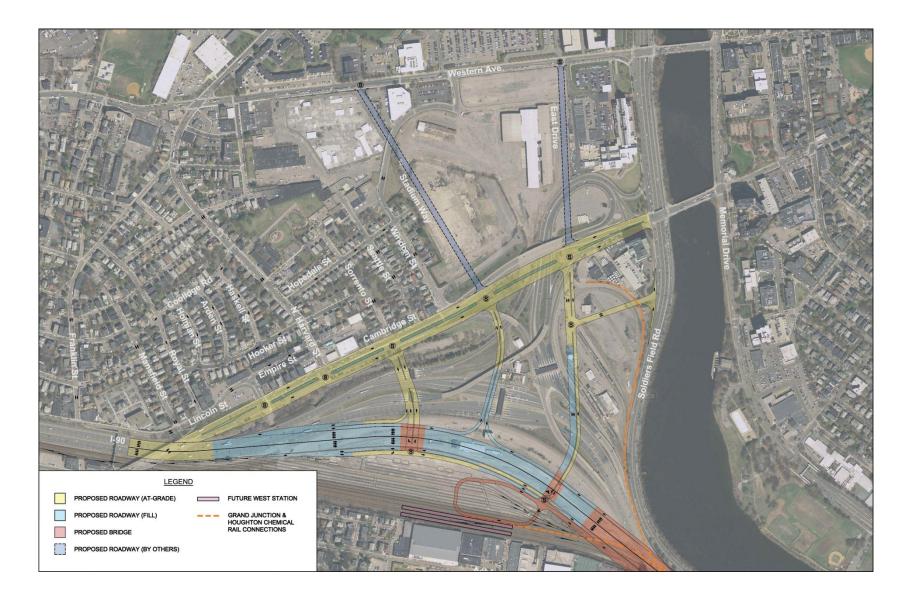
Option 3G-3: Traffic Operations - 5



Option 3G-3: Traffic Operations - 6



Option 3H-1



Option 3H-1: Key Design Features Cambridge St Connectivity



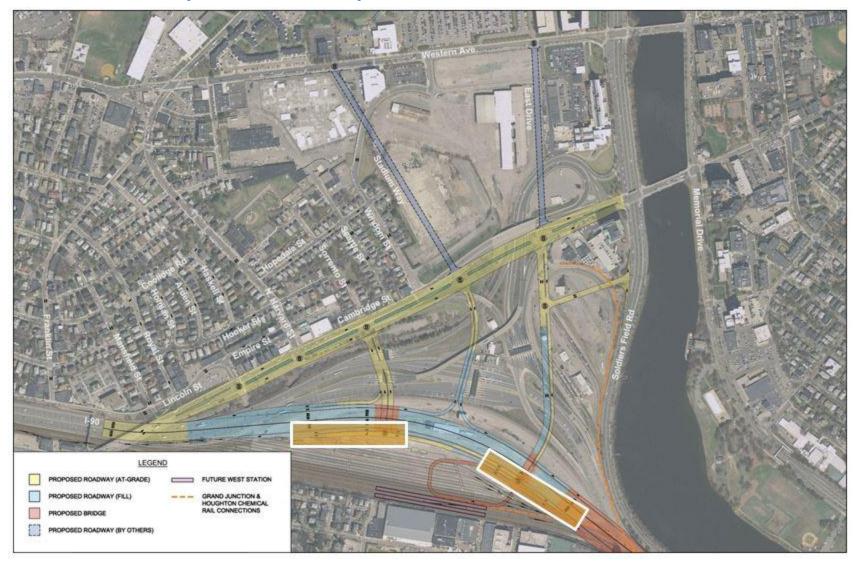
Option 3H-1: Key Design Features New Connection to Soldiers Field Rd



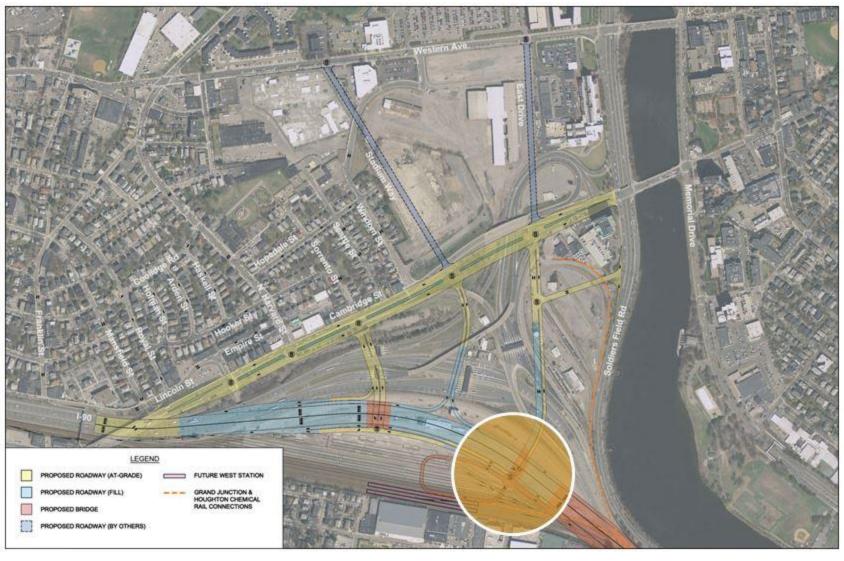
Option 3H-1: Key Design Features Grade Separation of EB & WB Ramps



Option 3H-1: Key Design Features EB & WB Ramp Traffic is Split



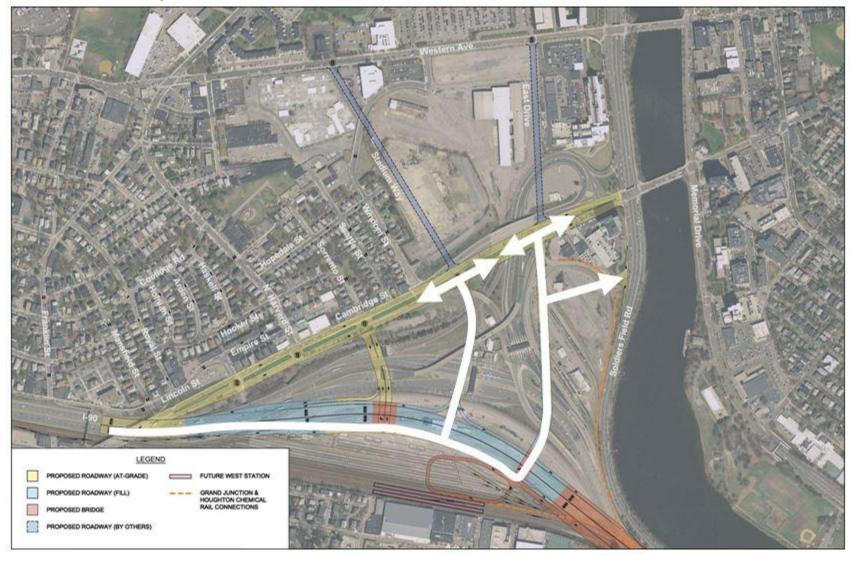
Option 3H-1: Key Design Features 3 Level Interchange at EB Ramps/West Station Access



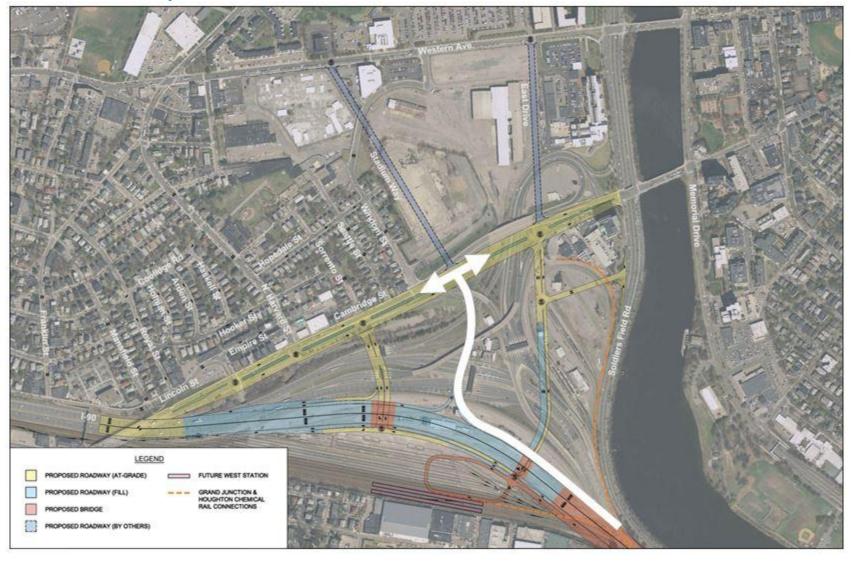
Option 3H-1: Key Design Features Connection to West Station



Option 3H-1: I-90 Access EB Off-Ramp



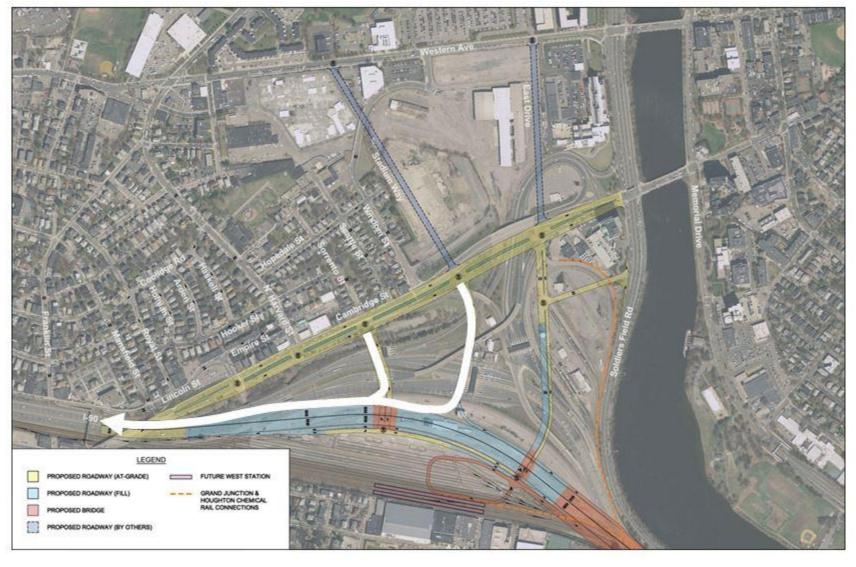
Option 3H-1: I-90 Access WB Off-Ramp



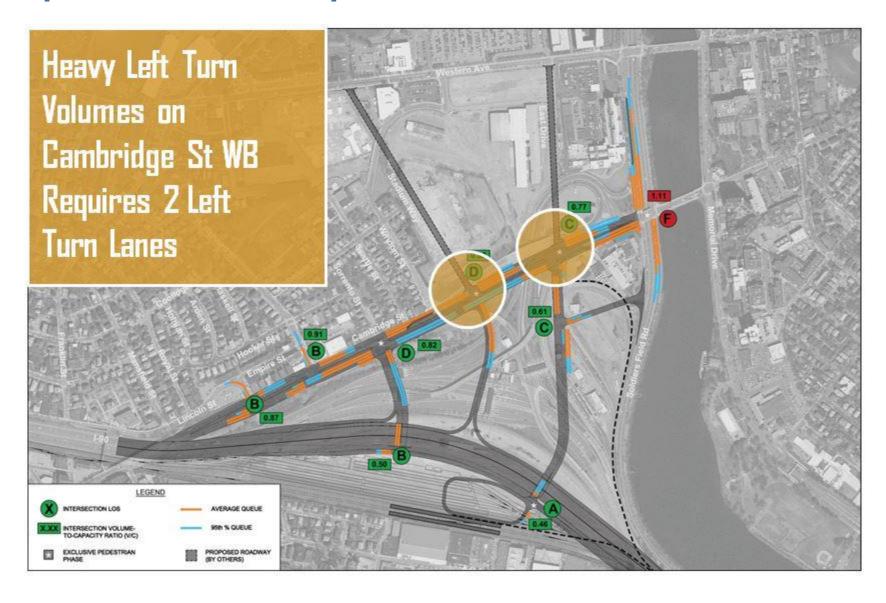
Option 3H-1: I-90 Access EB On-Ramp



Option 3H-1: I-90 Access WB On-Ramp



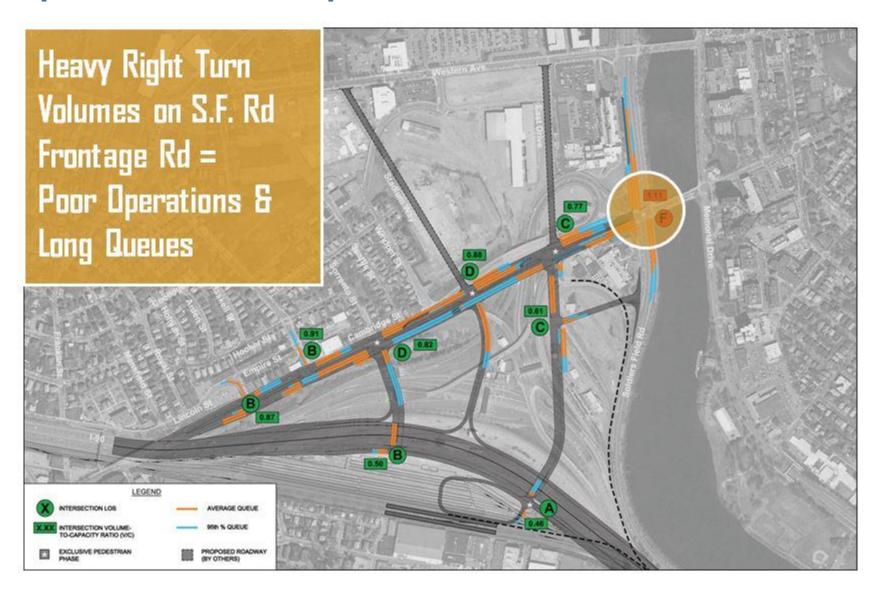
Option 3H-1: Traffic Operations



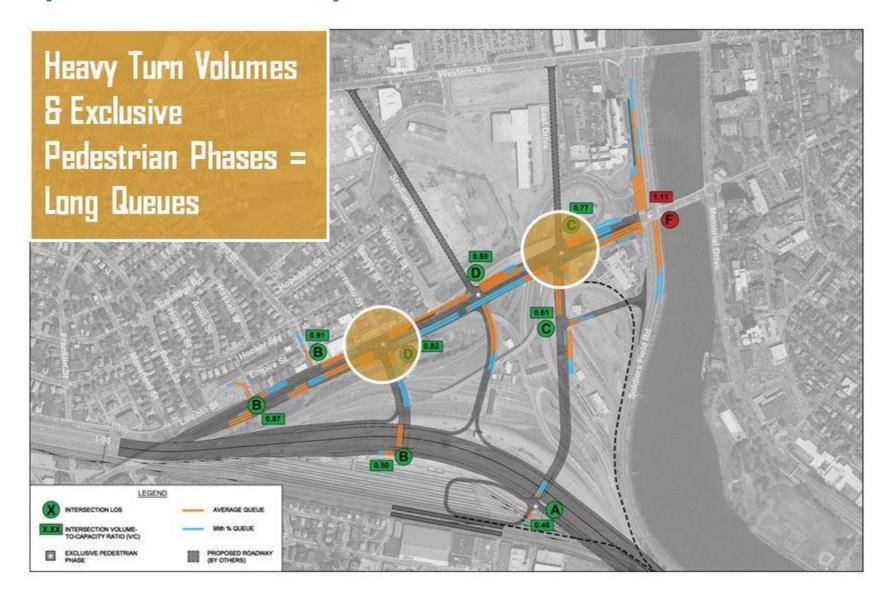
Option 3H-1: Traffic Operations - 1



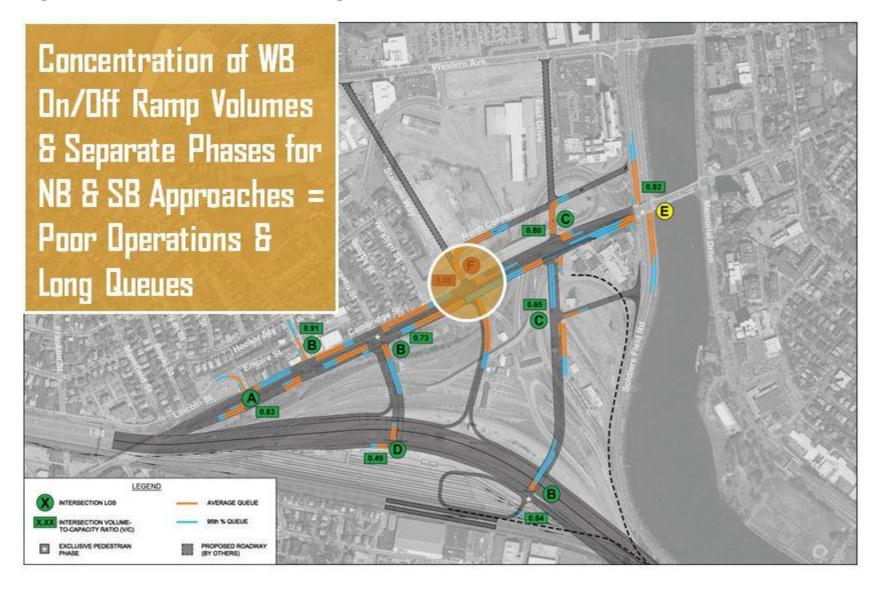
Option 3H-1: Traffic Operations - 2



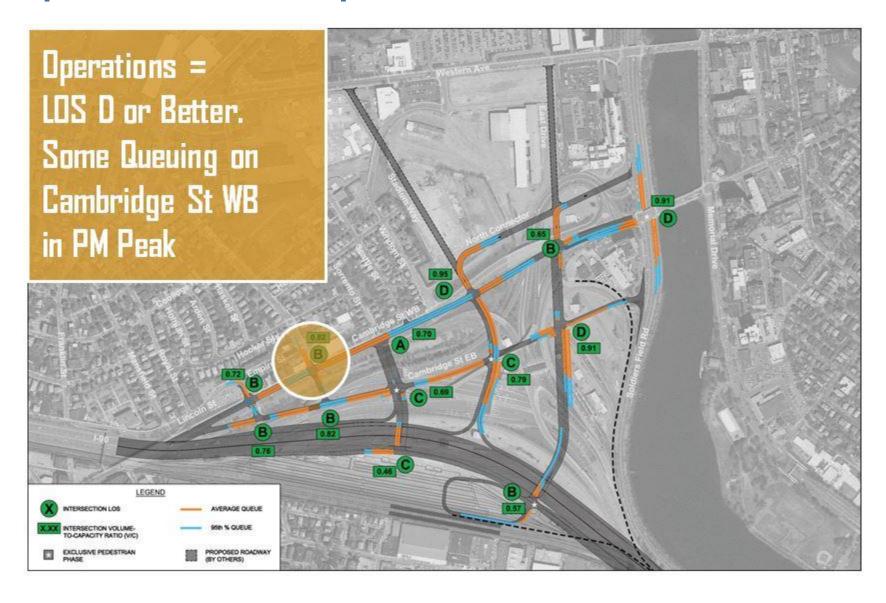
Option 3H-1: Traffic Operations - 3



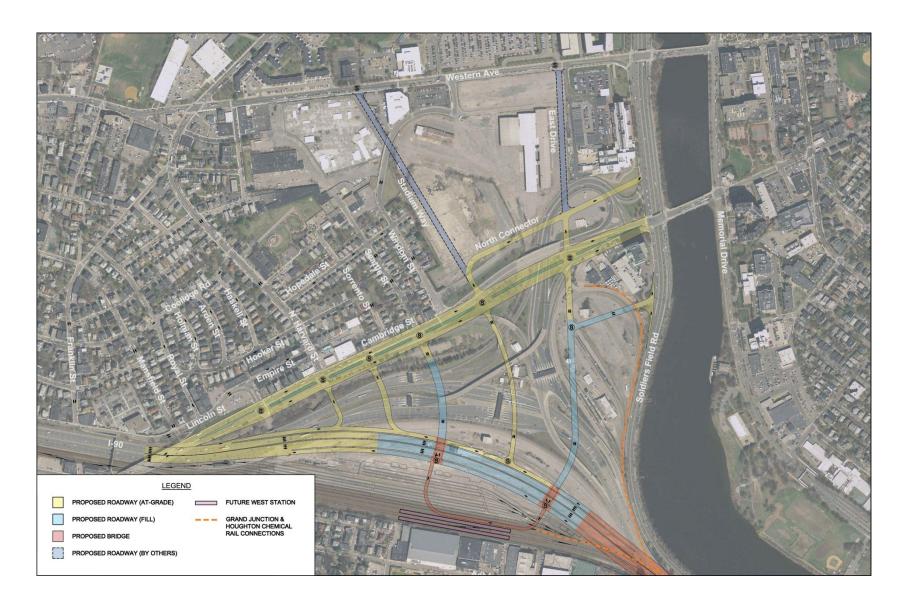
Option 3H-2: Traffic Operations - 4



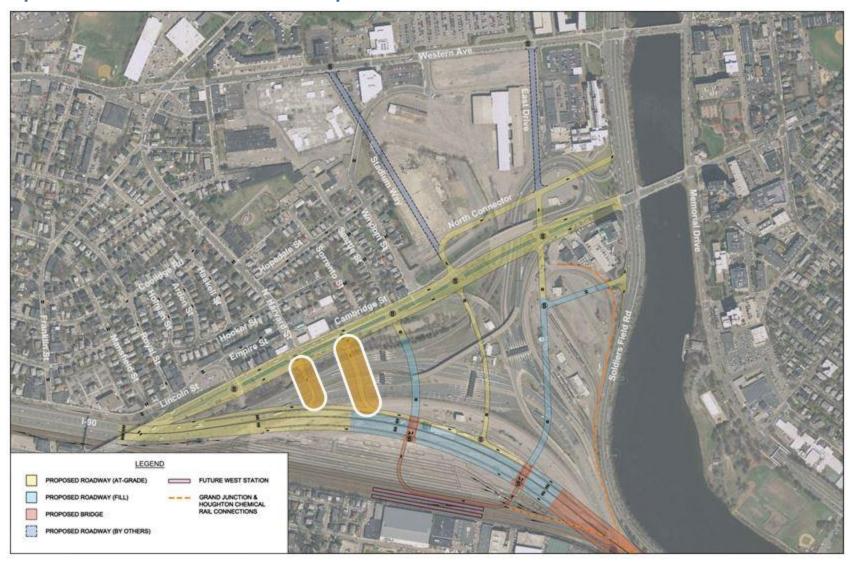
Option 3H-3: Traffic Operations



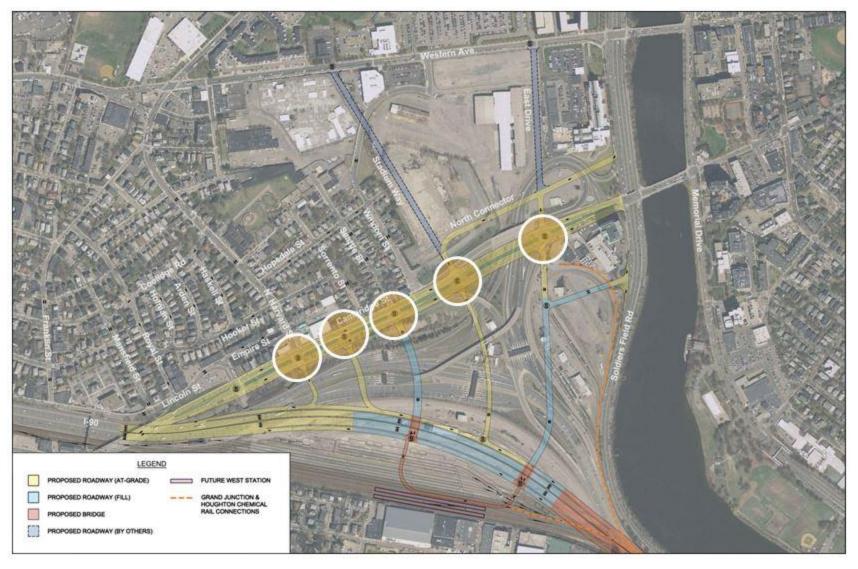
Option 31-1



Option 31-1: Key Design Features Split WB On and Off-Ramps at North Harvard St.



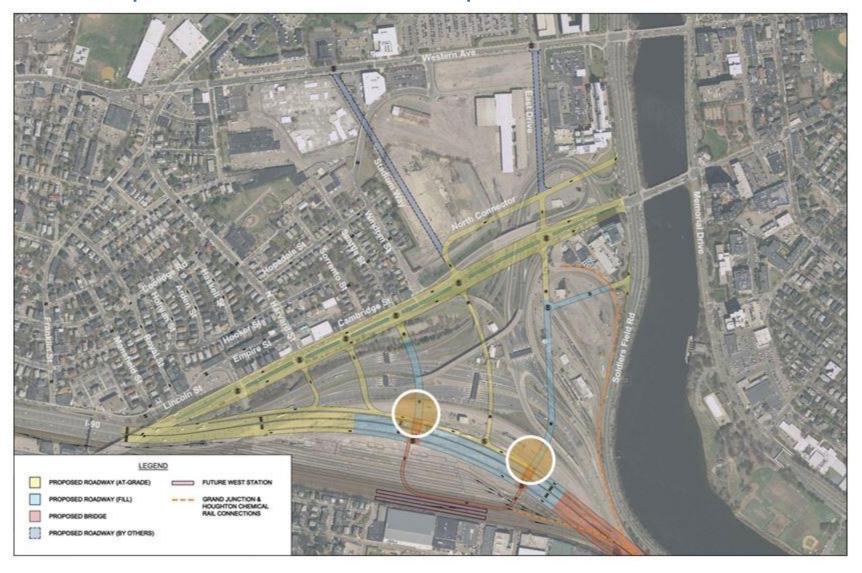
Option 31-1: Key Design Features Connectivity to Cambridge Street



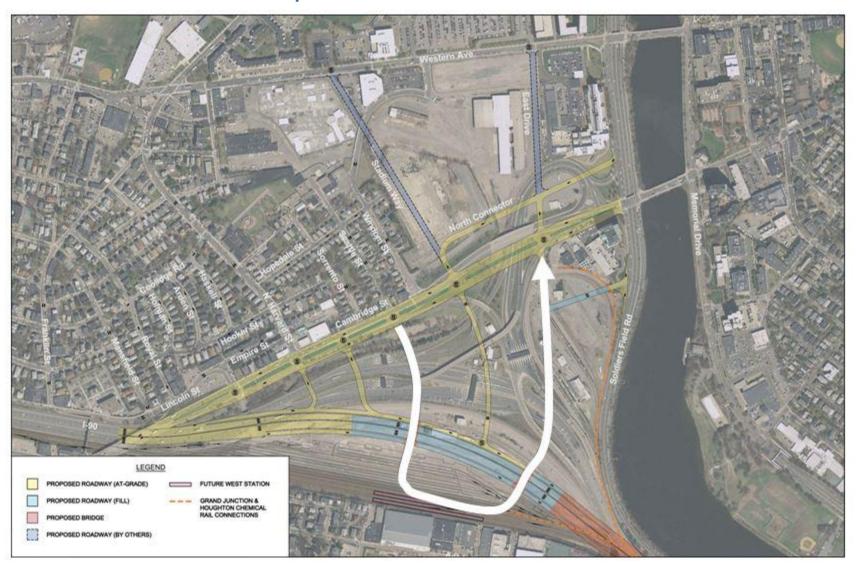
Option 31-1: Key Design Features New Connection to Soldiers Field Rd



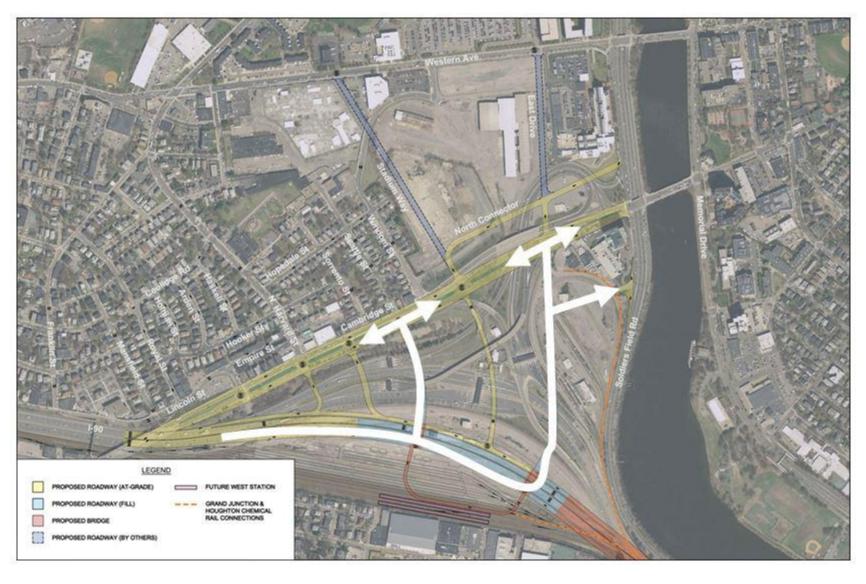
Option 31-1: Key Design Features Grade Separation of EB & WB Ramps



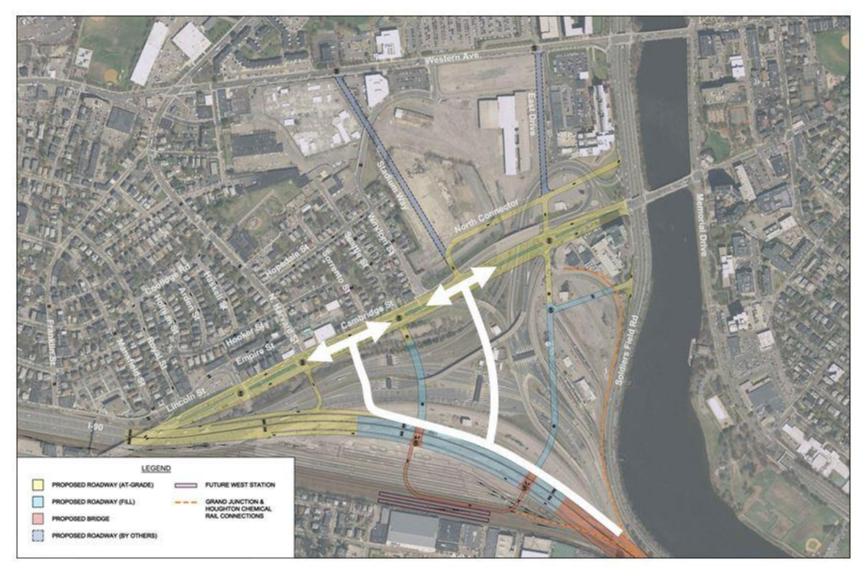
Option 31-1: Key Design Features Vehicular Connectivity to West Station



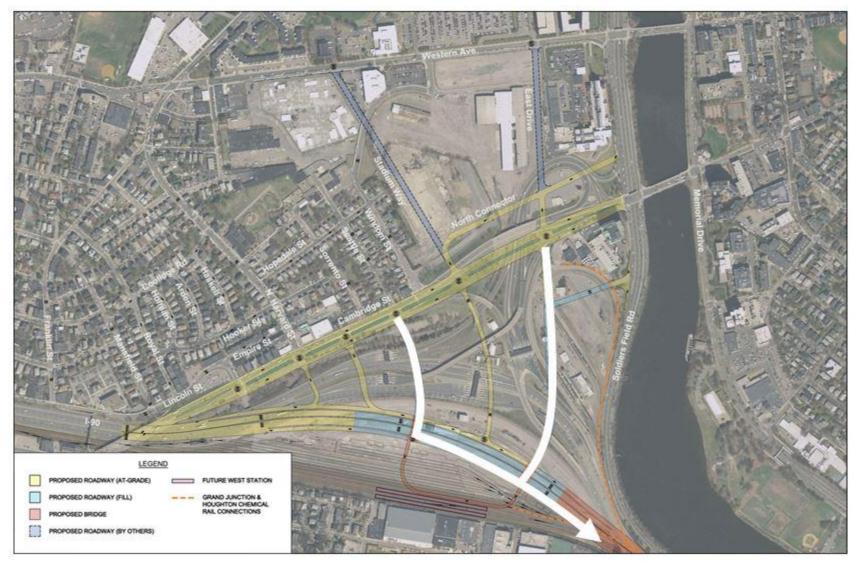
Option 31-1: I-90 Access EB Off-Ramp



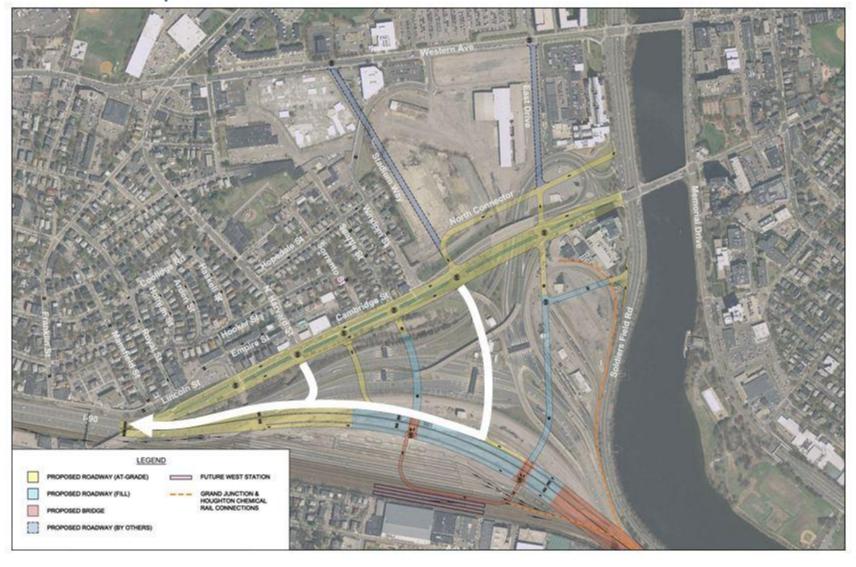
Option 31-1: I-90 AccessWB Off-Ramp



Option 31-1: I-90 Access - 1 EB On-Ramp



Option 3F-1: I-90 Access - 2 WB On-Ramp



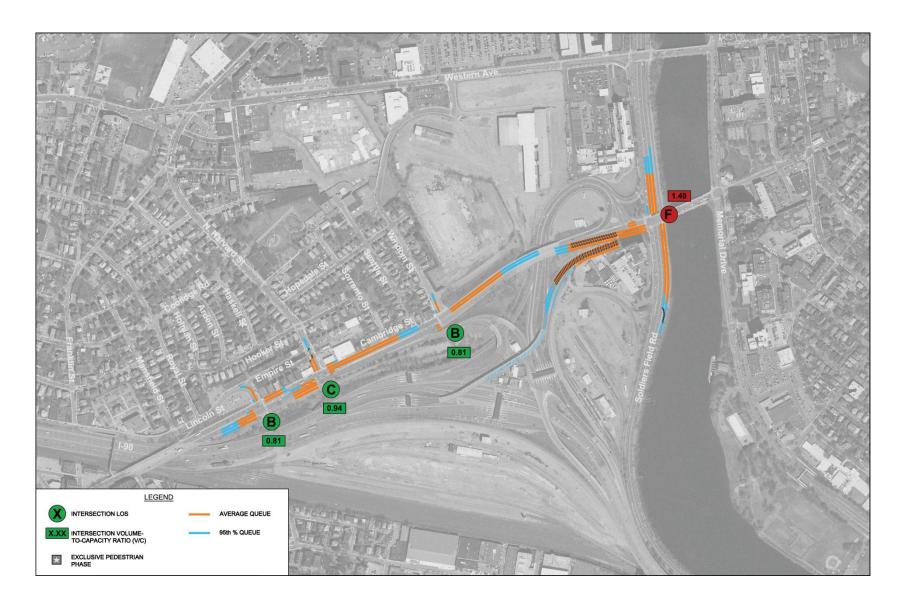
Option 31-1: Traffic Operations



Option 31-2: Traffic Operations



Existing Conditions



Traffic Summary Matrix

	OPTION 3F-1	OPTION 3F-2	OPTION 3F-3	OPTION 3G-1	OPTION 3G-2	OPTION 3G-3	OPTION 3H-1	OPTION 3H-2	OPTION 3H-3	OPTION 31-1	OPTION 31-2
Ramp Operations (intersections)	0		0		0	0	0	0	0		
Ramp Operations (impacts on mainline I-90)	0	0	0	0	0	0	0	0	0	0	0
Operations at Cambridge/S. F. Rd	0		0		0	0	0	•	0	•	0
Operations at Cambridge/North Harvard	0	0	0	0	0	0	0	0	0	0	0
Operations at Cambridge/Stadium	0	•	0		0		0	0	0	•	0
Queues into residential areas	0	0	0	0	0	0	0	0	0	0	0
Need for Exclusive Pedestrian Phases	0		0		0	\bigcirc		\bigcirc	0	\bigcirc	
Connectivity to West Station	0	0	0	0	0	0	0	0	0	0	0
Cambridge Street Cross Section (width)	0	0	0		0	0	0	0	0		0
Impact on Pedestrian and Bicycle Environment	0	0	0	0	0	0	0	0	0	0	0



Positive

Neutral

Negative 🛑

Revised Selection Criteria

Discussion

Next Meeting:

October 1, 2014 – Fiorentino Community Center