



PUBLIC INFORMATION MEETING

Boston University Bridge Rehabilitation Project

OCTOBER 16, 2008

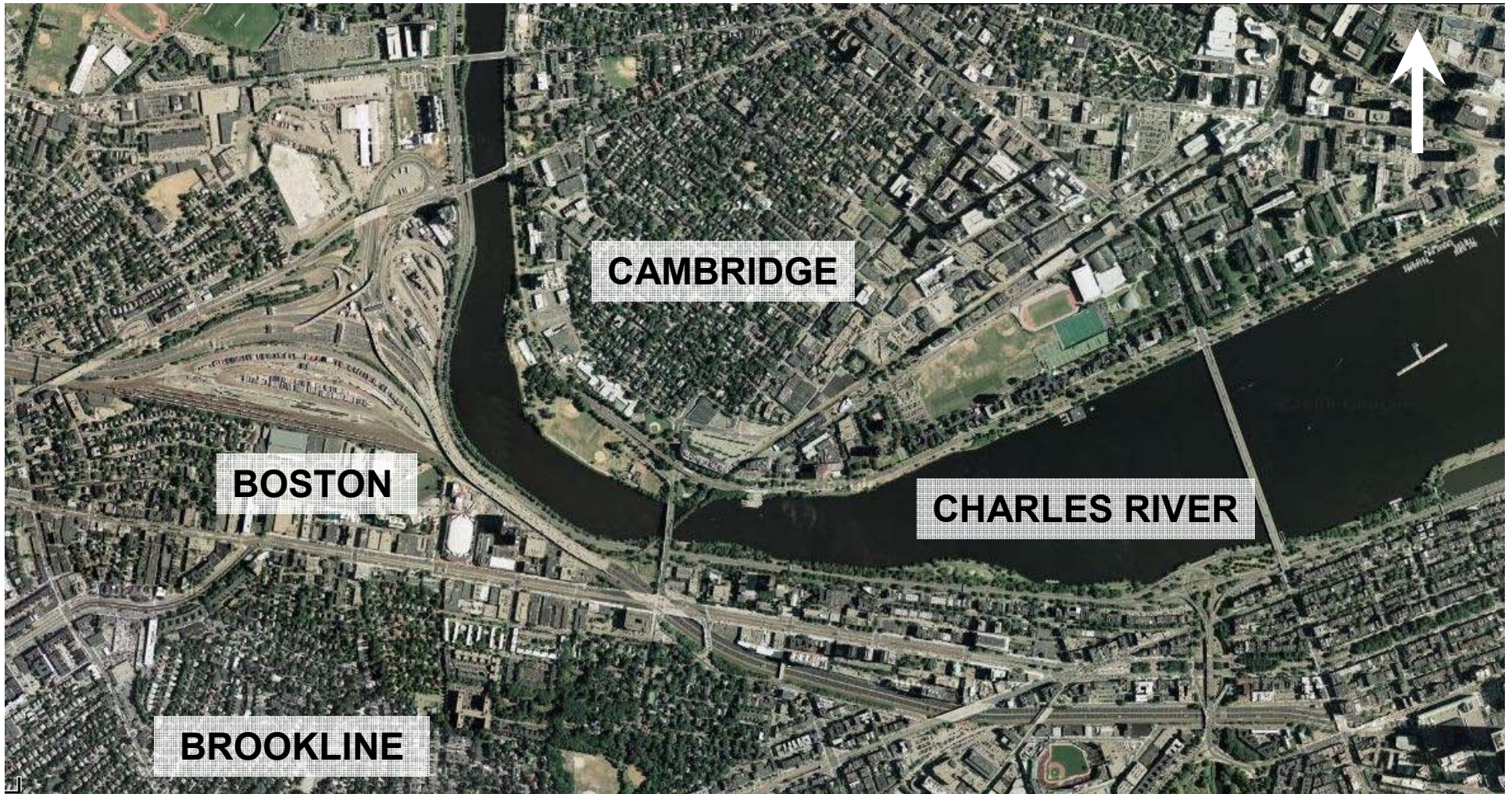


An Employee-Owned Company Providing Quality Service Since 1912

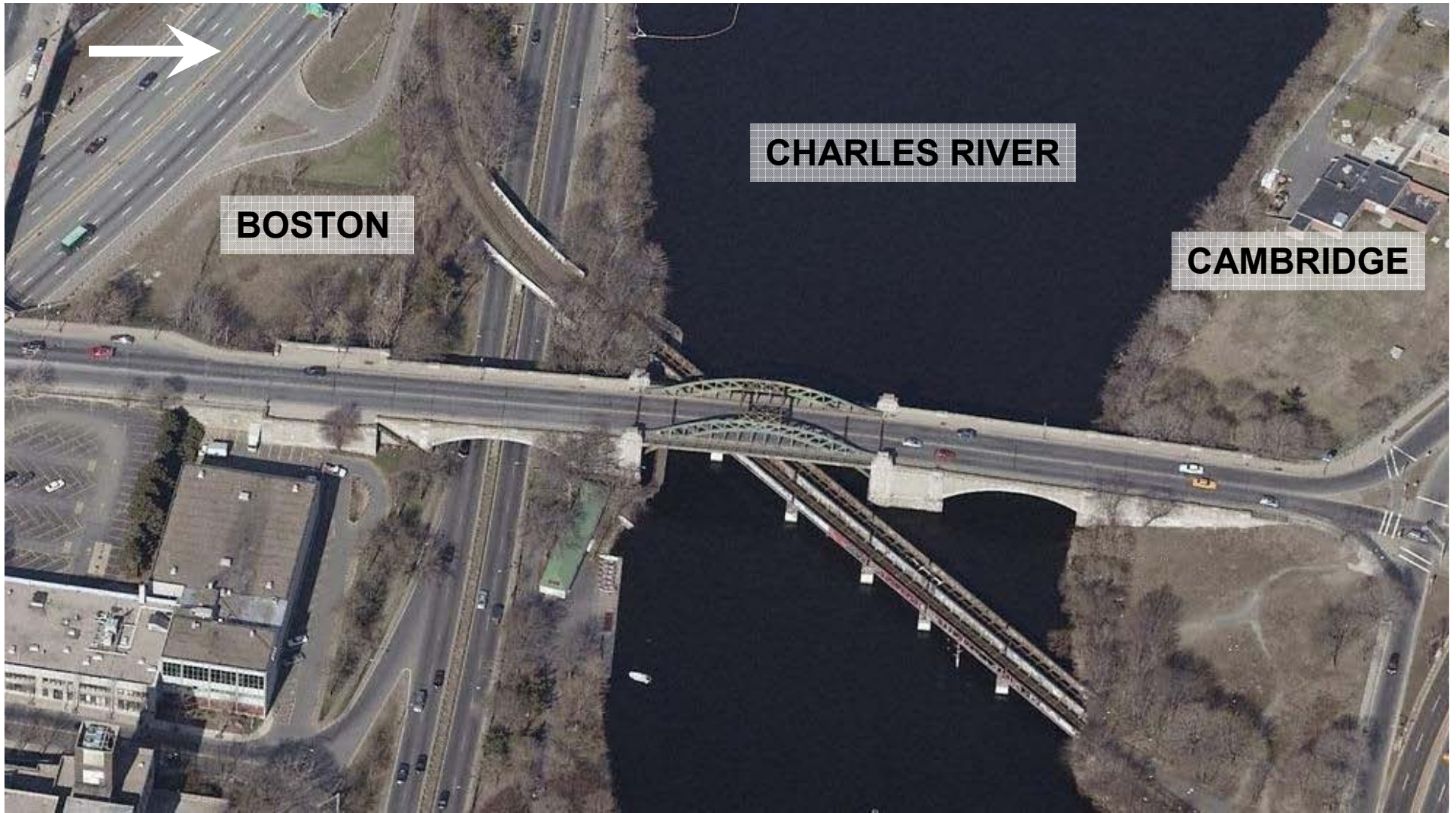
STV Design Consultant

- Project Manager
(Jerome MacKenzie PE)
- National Engineering Firm
(1500+ employees)
- 90+ years
- Local Boston office (bridge expertise)
- Partnership with DCR

Aerial View



Site Location



CHARLES RIVER

BOSTON

CAMBRIDGE

Bridge History

- Cottage Farm Bridge – Built 1928
- Replaced 1850's drawbridge
- Located in Charles River Basin Historic District
- Eligible for listing – National Register of Historic Places
- Renamed BU Bridge - 1949



Assessment

- Underwater Inspection
- Hydraulic Study
(Scour, Waterway Adequacy)
- Structural Inspection
- Structural Analysis



Findings

- Structural Deficiencies
- Degradation of Architectural Elements
- Environmental Deficiencies



DCR Mission Statement

To protect, promote and enhance our common wealth
of natural, cultural and recreation resources.

Project Goals

- Improve Safety
- Restore a Historic Structure
- Protect & Enhance Environment
- Provide Pedestrian and Bicycle Access



Safety Improvements

- Ongoing Sidewalk Reconstruction
- Construction Complete Spring 2009



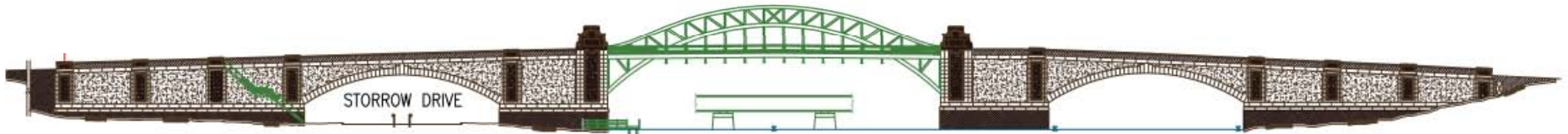
Safety Improvements



Safety Improvements



Historic Restoration



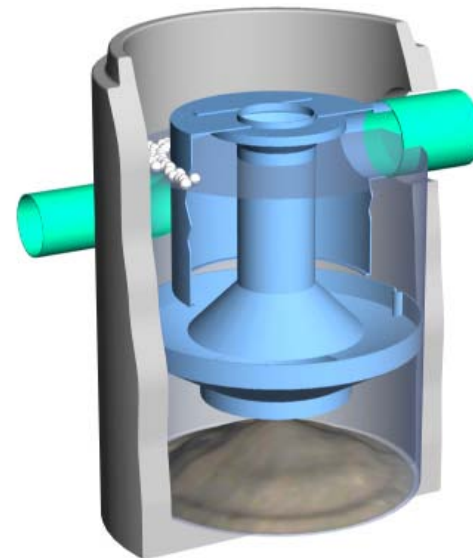
Historic Restoration



Historic Restoration



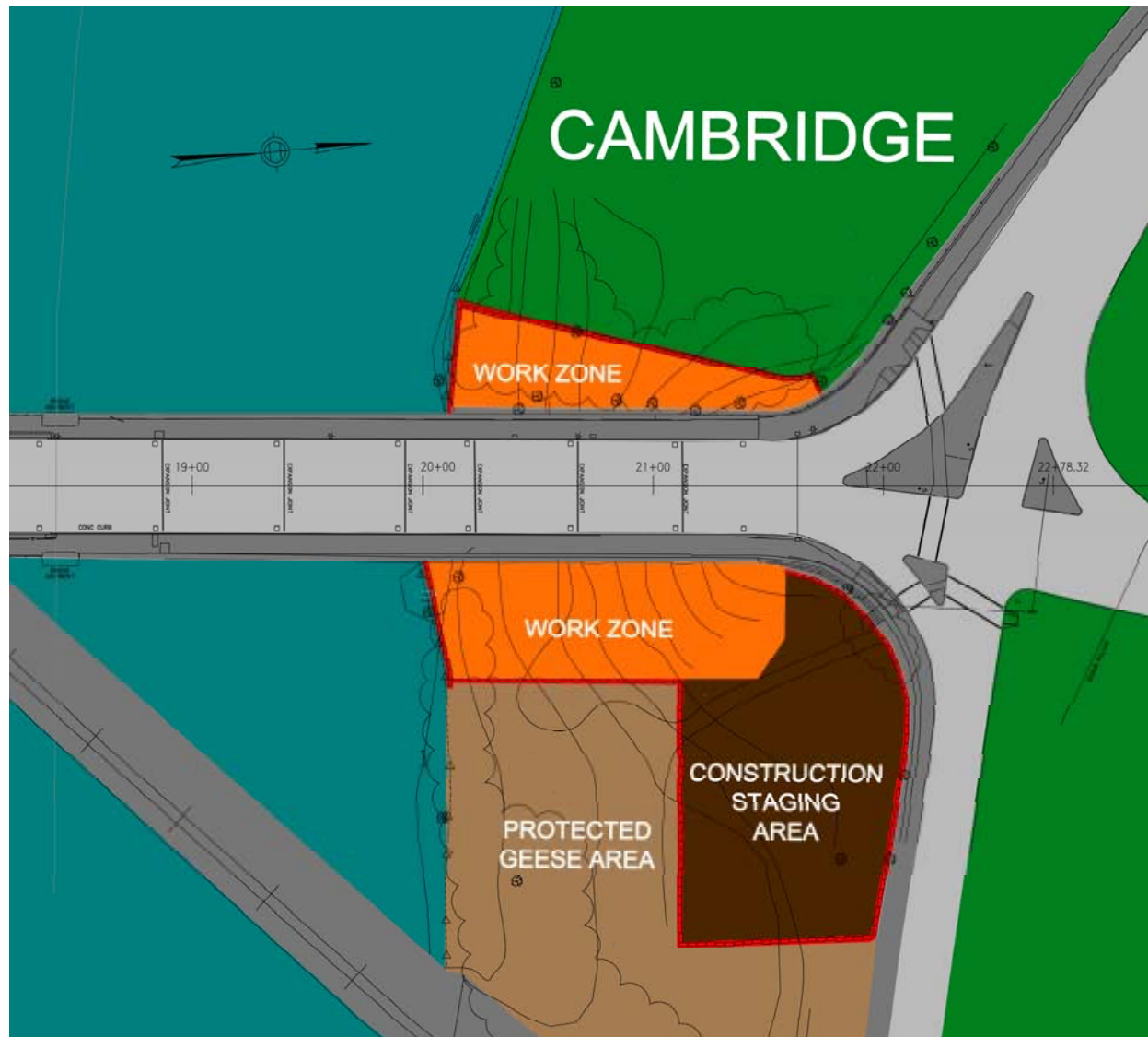
Environmental Protection and Enhancements



Environmental Protection and Enhancements



Environmental Protection and Enhancements



Environmental Protection and Enhancements

Environmental Permitting

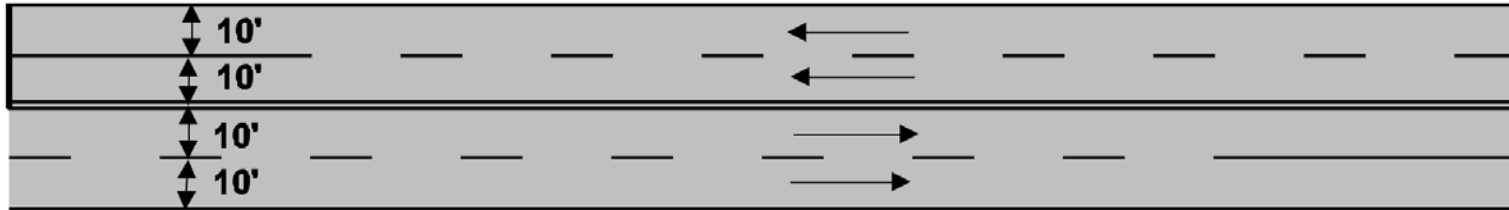
- Project Notification Form
 - Massachusetts Historical Commission
- Notice of Intent
 - Cambridge & Boston Conservation Commissions
- Chapter 91 License
 - Massachusetts Department of Environmental Protection
- Environmental Notification Form

Provide Pedestrian and Bicycle Access

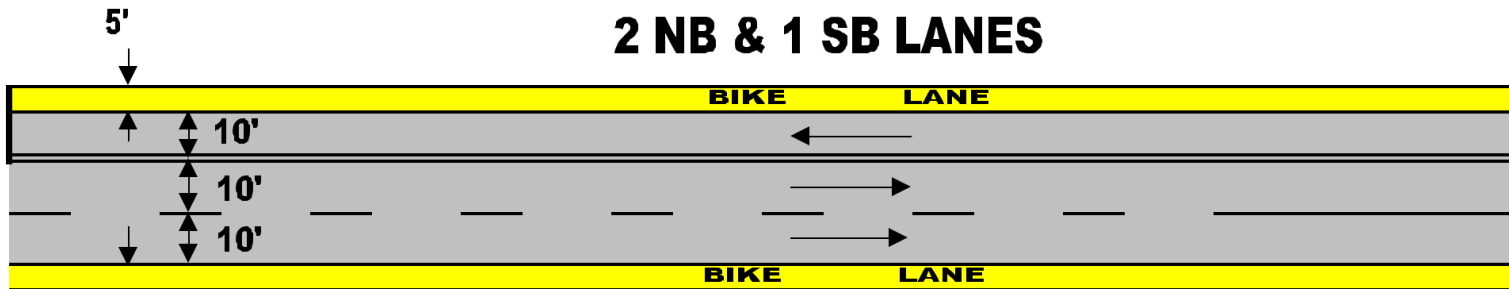


Bicycle Access Options

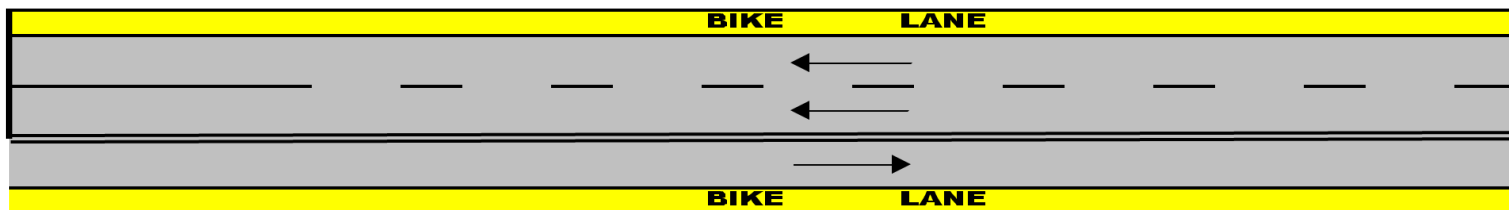
EXISTING CONDITION



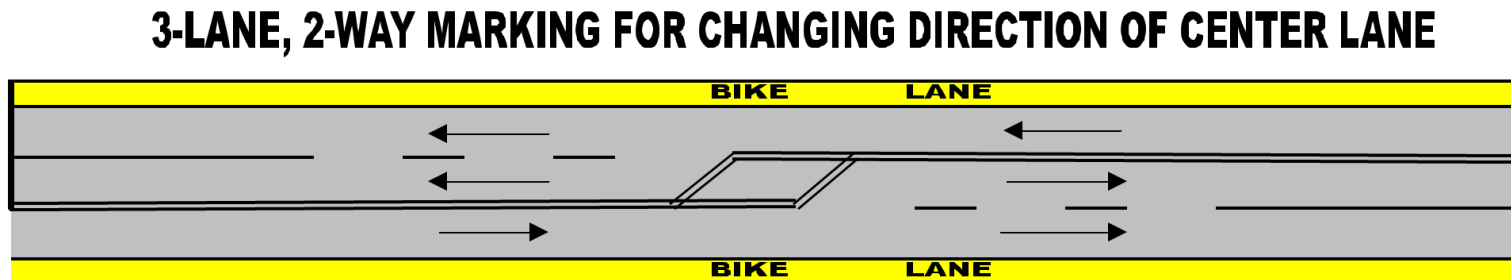
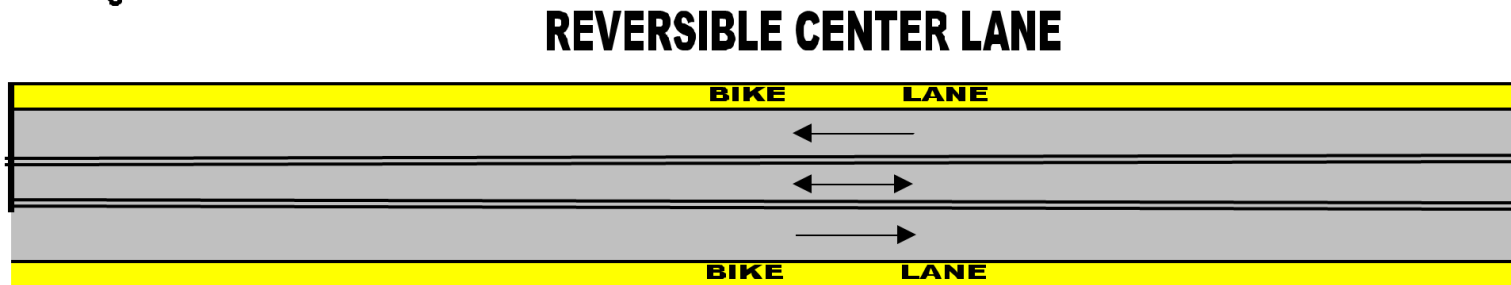
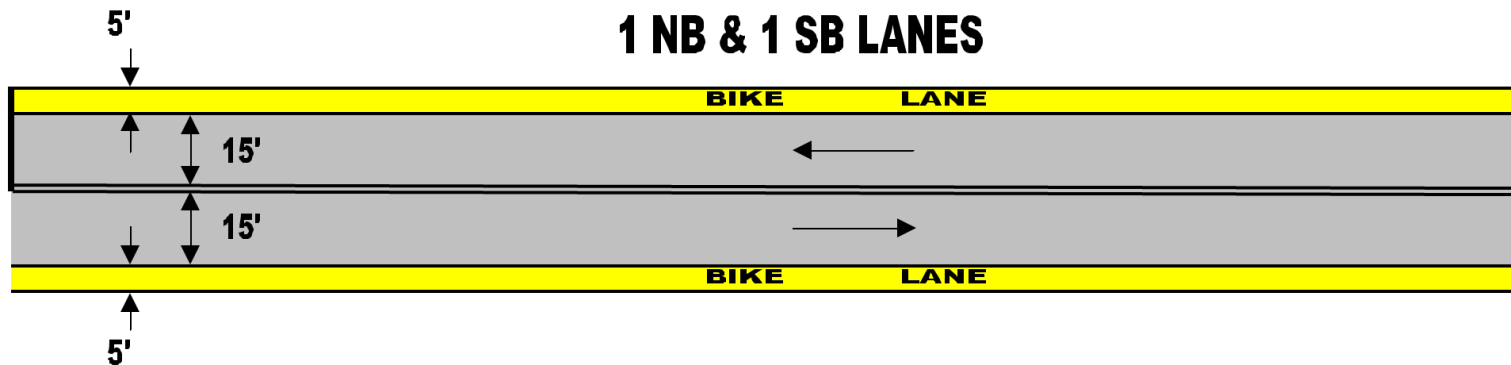
2 NB & 1 SB LANES



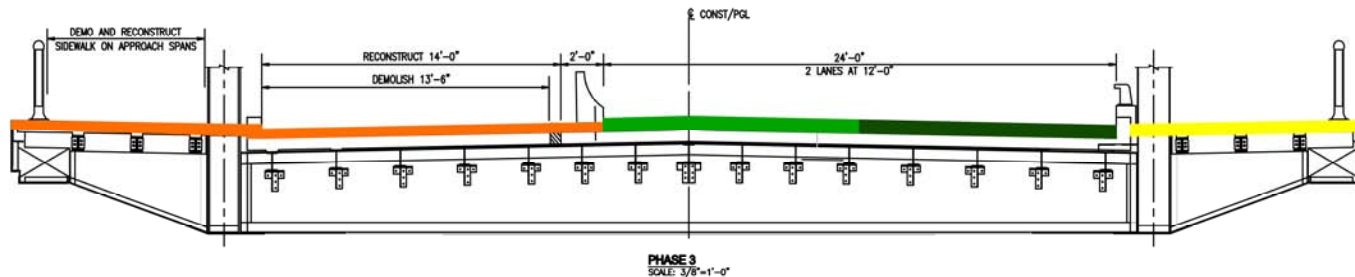
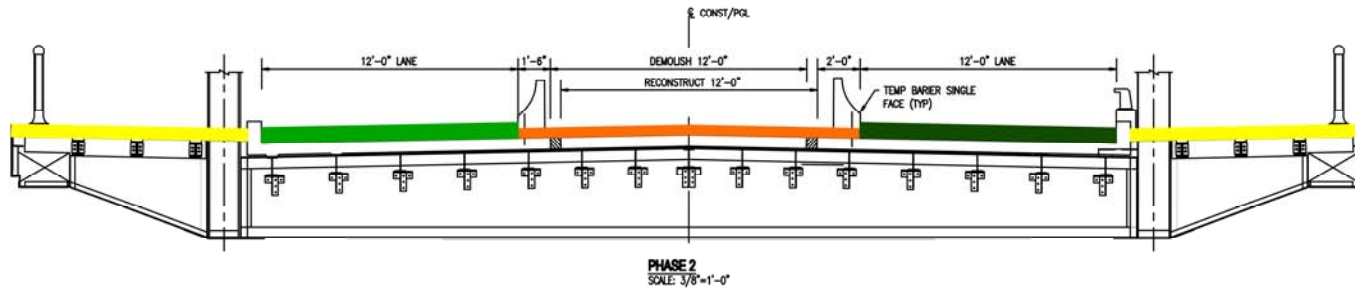
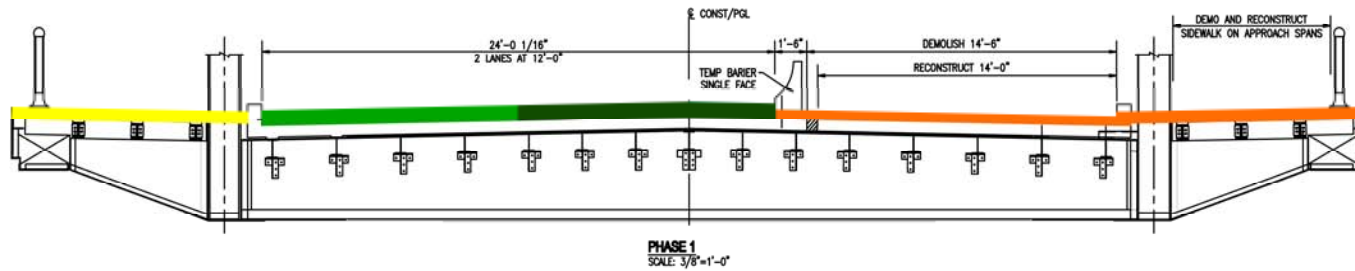
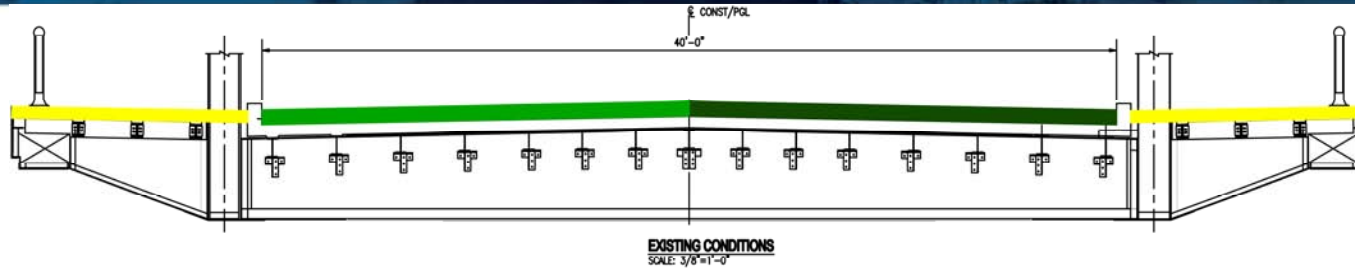
1 NB & 2 SB LANES



Bicycle Access Options



Construction Phasing



Construction Schedule

TASK	2008		2009				2010				2011				2012								
	OCT	DEC	JAN	MAR	JUN	AUG	OCT	DEC	JAN	MAR	JUN	AUG	OCT	DEC	JAN	MAR	JUN	AUG	OCT	DEC	JAN	MAR	JUN
<i>Complete Sidewalk Repairs</i>			■																				
<i>Advertise Construction</i>			■																				
<i>Notice to Proceed</i>				■																			
<i>Phase I</i>			■																				
<i>Phase II</i>							■																
<i>Phase III</i>															■								



DCR Public Meeting on Traffic Management Plan

DCR will hold a second public meeting on this project, on traffic management issues, after the construction contract has been awarded and prior to construction



Questions and Answers