

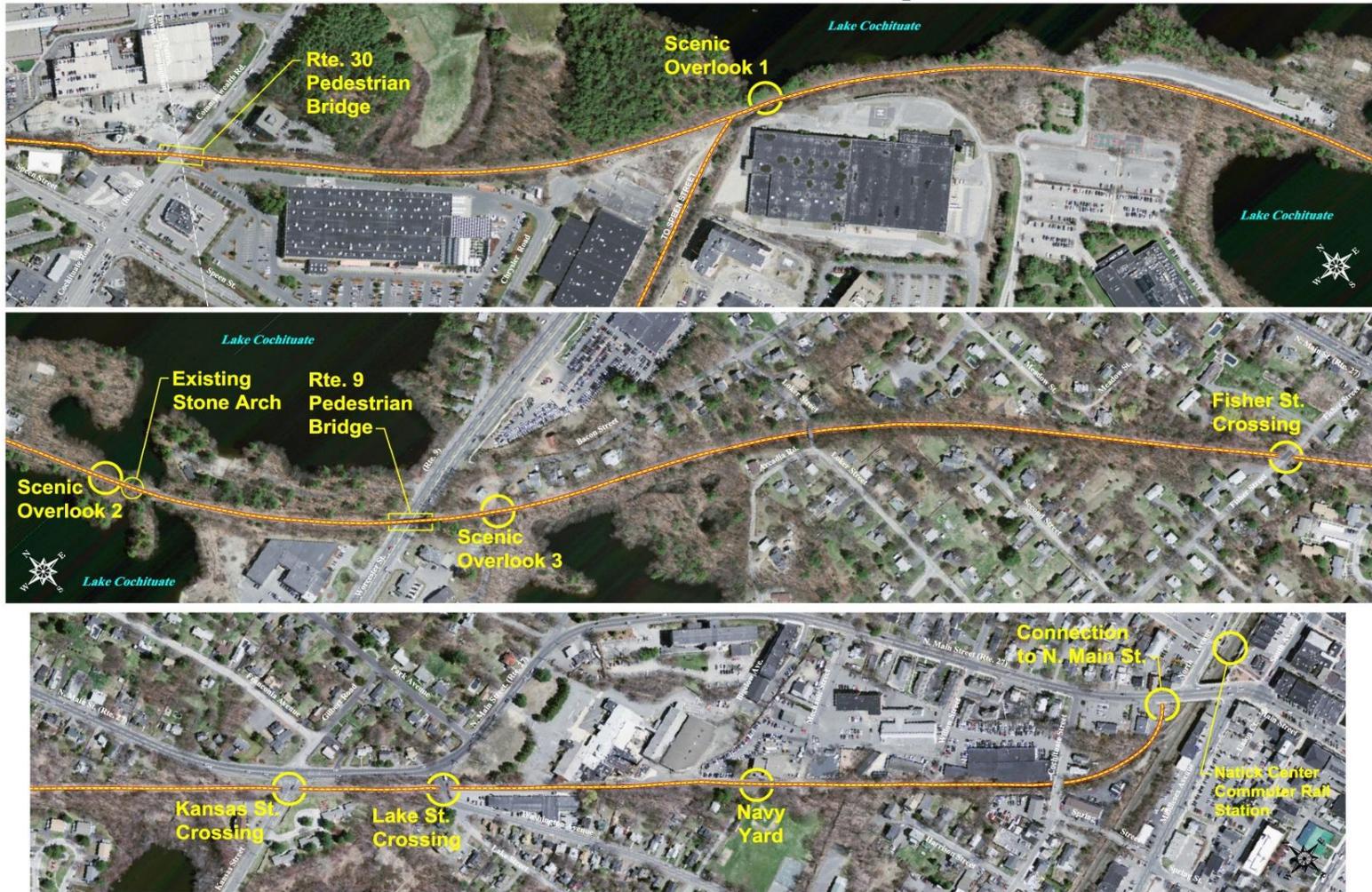
# Cochituate Rail Trail Natick, MA

## CRT Committee Meeting

August 4, 2015 | 6:30 PM



# Overall Map



# PROJECT DEVELOPMENT PROCESS

## MassDOT Design Process

- **PRC Review/Approval - April 2014**
- **25% Design**
- **Design Public Hearing**
- **75% Design**
- **100% Plans, Specifications & Estimates**
- **Project Advertising for Bid**
- **Construction**

# PROJECT DEVELOPMENT PROCESS

## 25% Design - Milestones

- **25 % Submission – Sept. 2014**
- **Bridge Type Approval – Jan. 2015**
- **Bridge Sketch Plans Submission – Feb. 2015**
- **Comments Received**
  - ✓ Preliminary Right of Way
  - ✓ Boston Traffic Operations
  - ✓ Pavement Management
  - ✓ Boston Bridge
- **25% submission (Revised) – July 2015**
  - ✓ Construction Plans
  - ✓ Preliminary Right of Way Plans
  - ✓ Bridge Sketch Plans

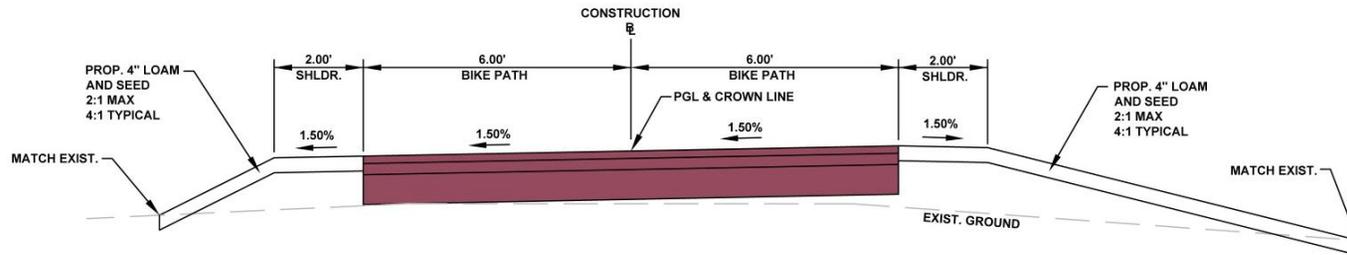
# Project Overview

- **Limits**
  - ✓ North Main Street to Route 30 – 2.5 miles
- **Key Features**
  - ✓ Connection to Framingham CRT
  - ✓ Route 30 Bridge
  - ✓ Route 9 Bridge
  - ✓ Wonder Bread Spur
  - ✓ Lake Cochituate/State Park – Keyhole Arch
  - ✓ AmVets
  - ✓ Navy Yard Field
  - ✓ Commuter Rail Station

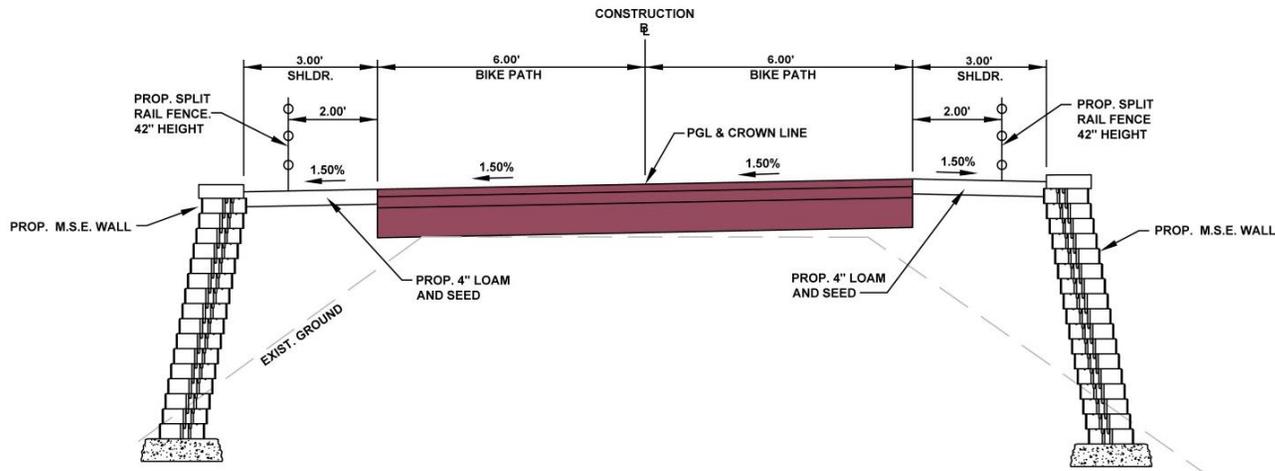
# Project Design

- **12 Foot Wide Paved Path**
- **Compliant with ADA Requirements**
- **Bridge Crossings**
  - ✓ Route 30
  - ✓ Route 9
- **At-Grade Crossings**
  - ✓ AmVets Drive                      Lake Street
  - ✓ Fisher Street                      Navy Yard Field
  - ✓ Kansas Street
- **Overlooks**
- **Opportunities for Connections**
  - ✓ Local Businesses
  - ✓ State Park
  - ✓ Town Recreation Facilities
  - ✓ Commuter Rail
- **Opportunities for Historic/Interpretive Signing**

# Typical Sections

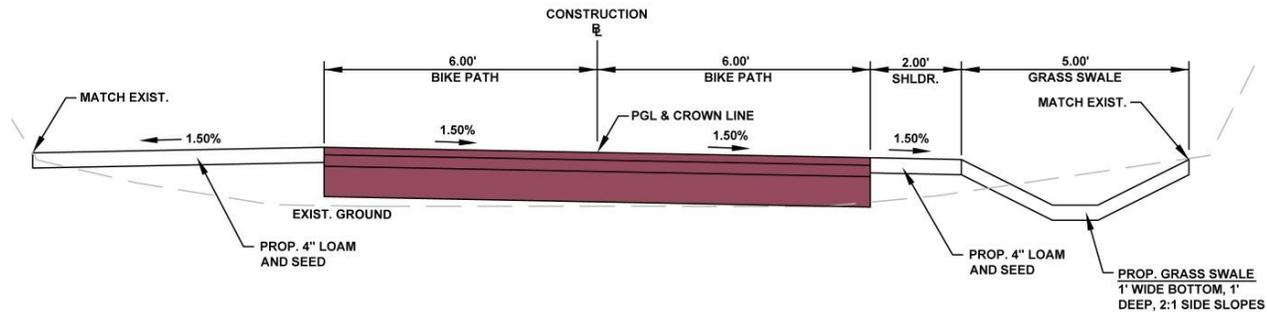


**TYPICAL SECTION 1**  
NOT TO SCALE

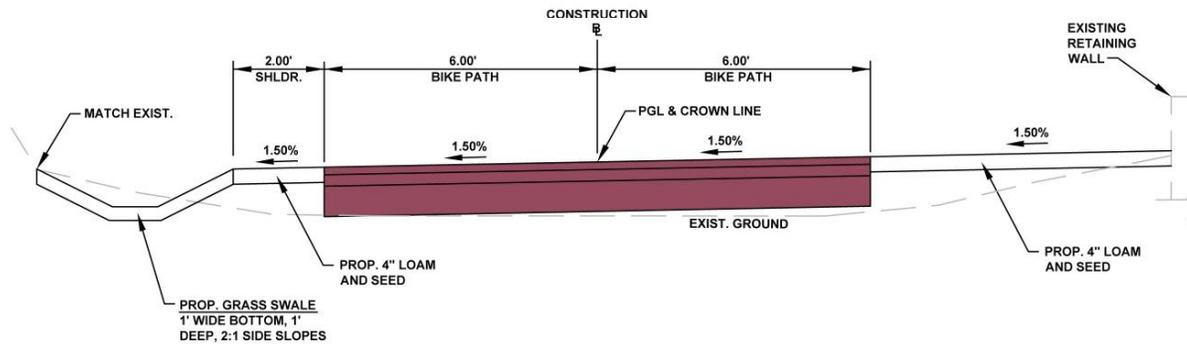


**TYPICAL SECTION 2 (AT KEYHOLE TUNNEL)**  
NOT TO SCALE

# Typical Sections

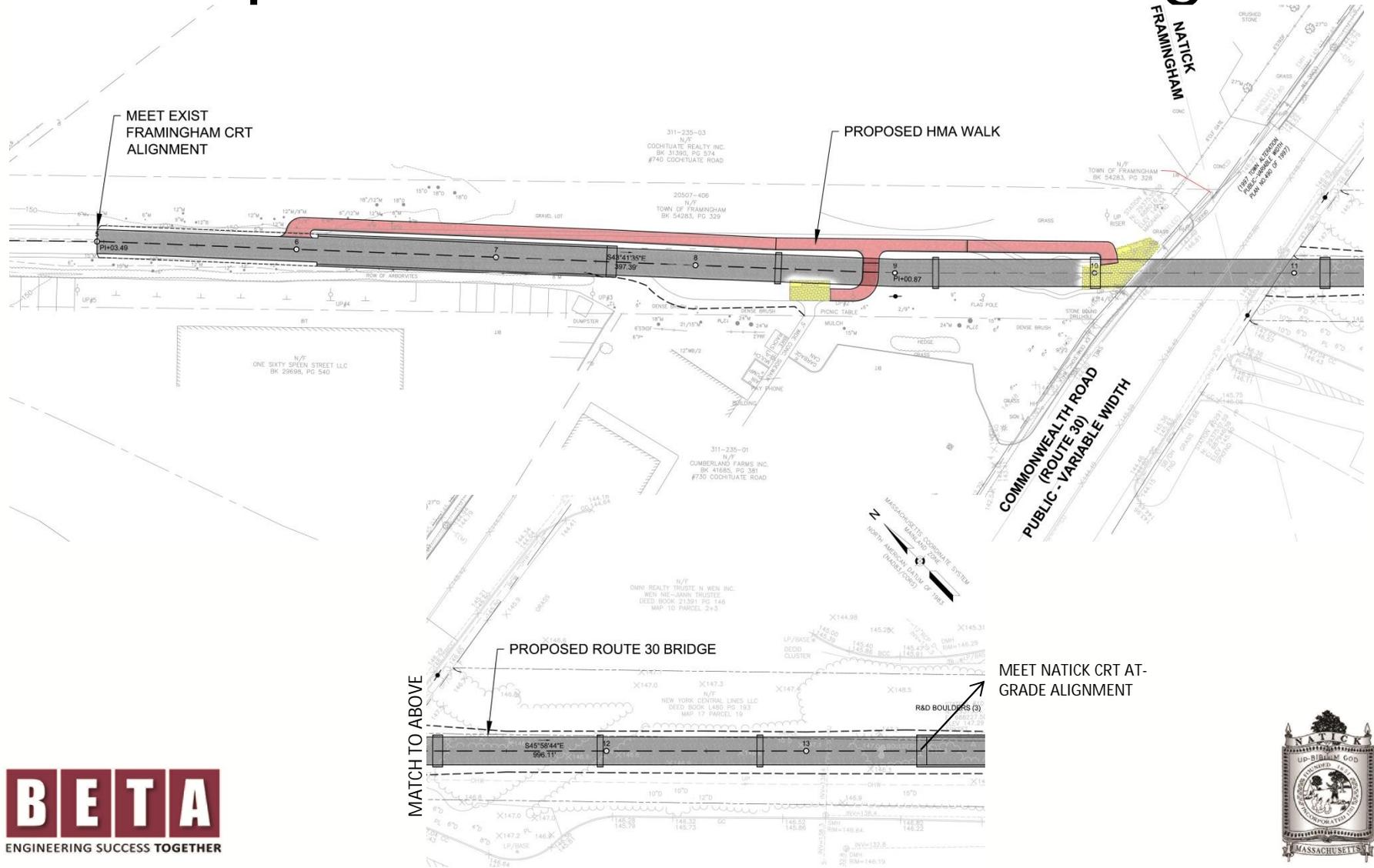


TYPICAL SECTION 3 (WITH SWALE ON RIGHT)  
NOT TO SCALE

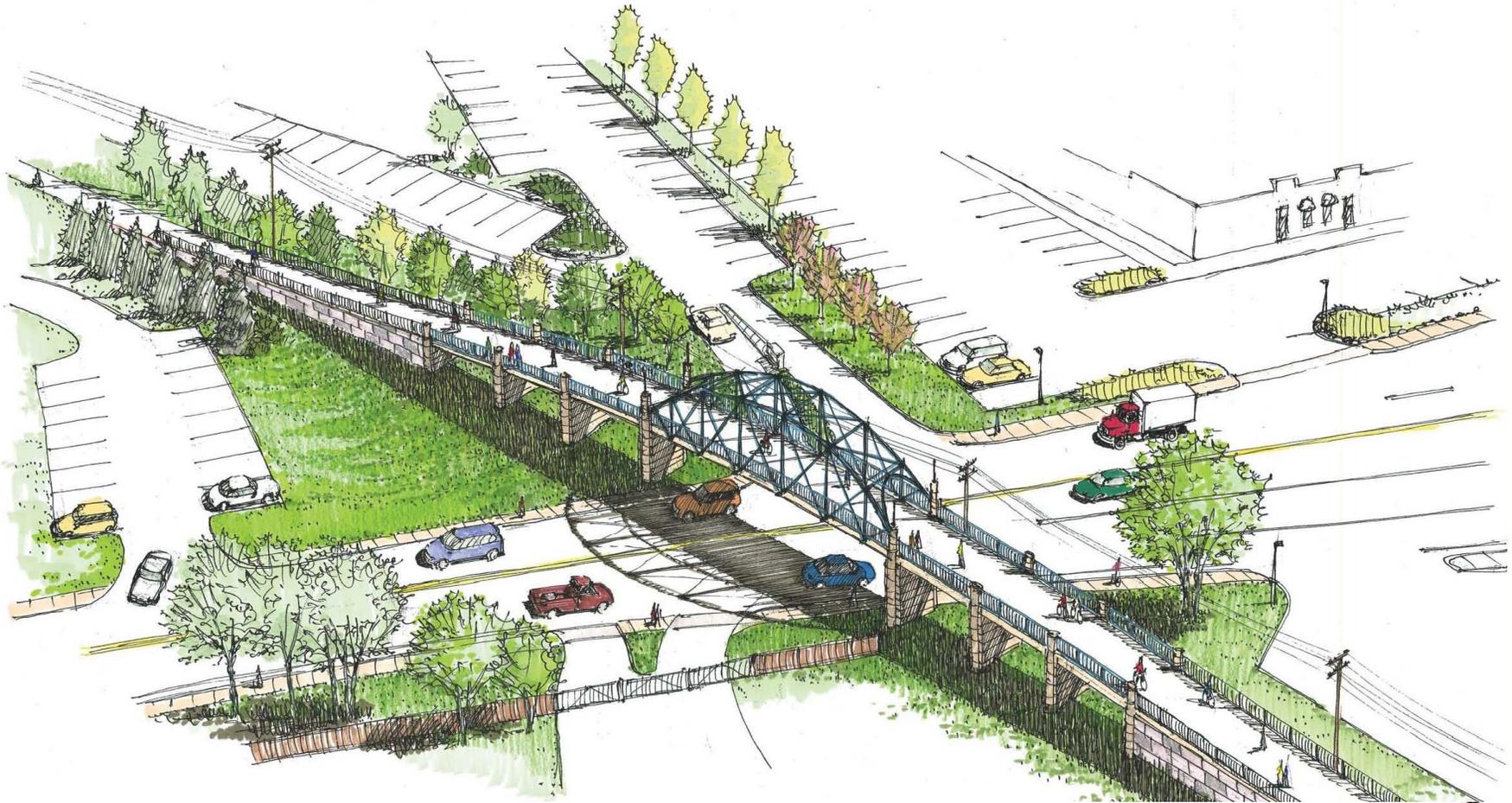


TYPICAL SECTION 4 (WITH SWALE ON LEFT)  
NOT TO SCALE

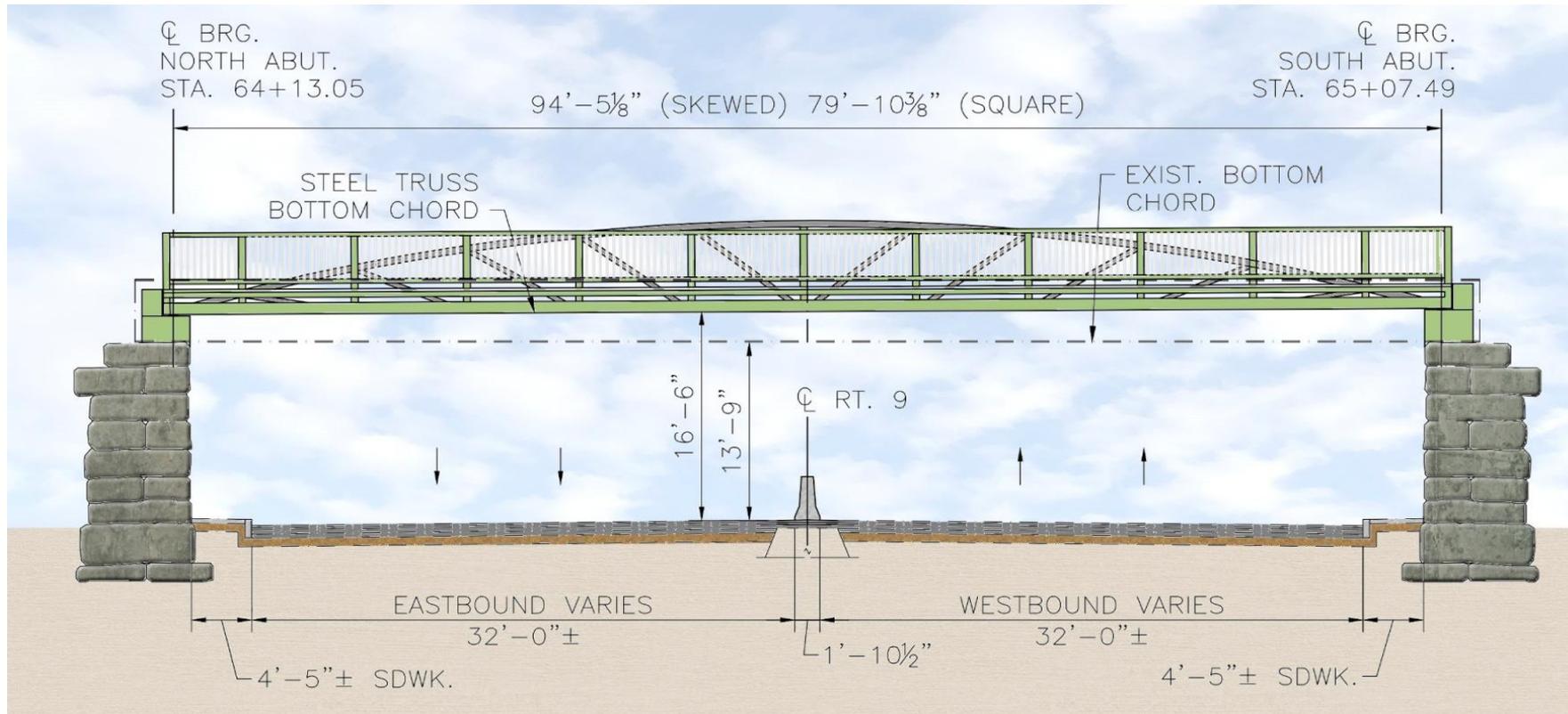
# Prop. Rte. 30 Pedestrian Bridge



# Prop. Rte. 30 Pedestrian Bridge



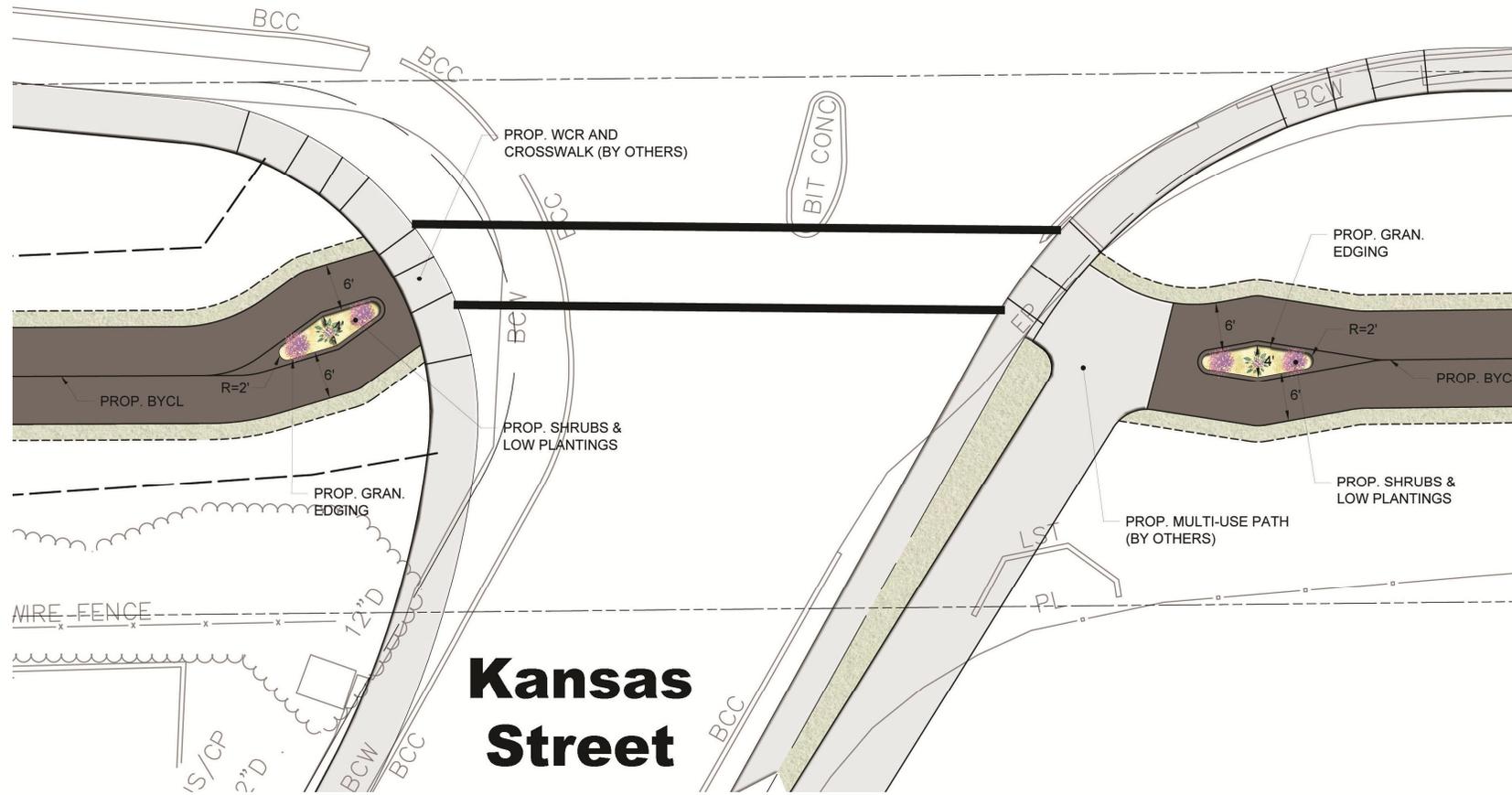
# Prop. Rte. 9 Pedestrian Bridge



# Prop. Rte. 9 Pedestrian Bridge

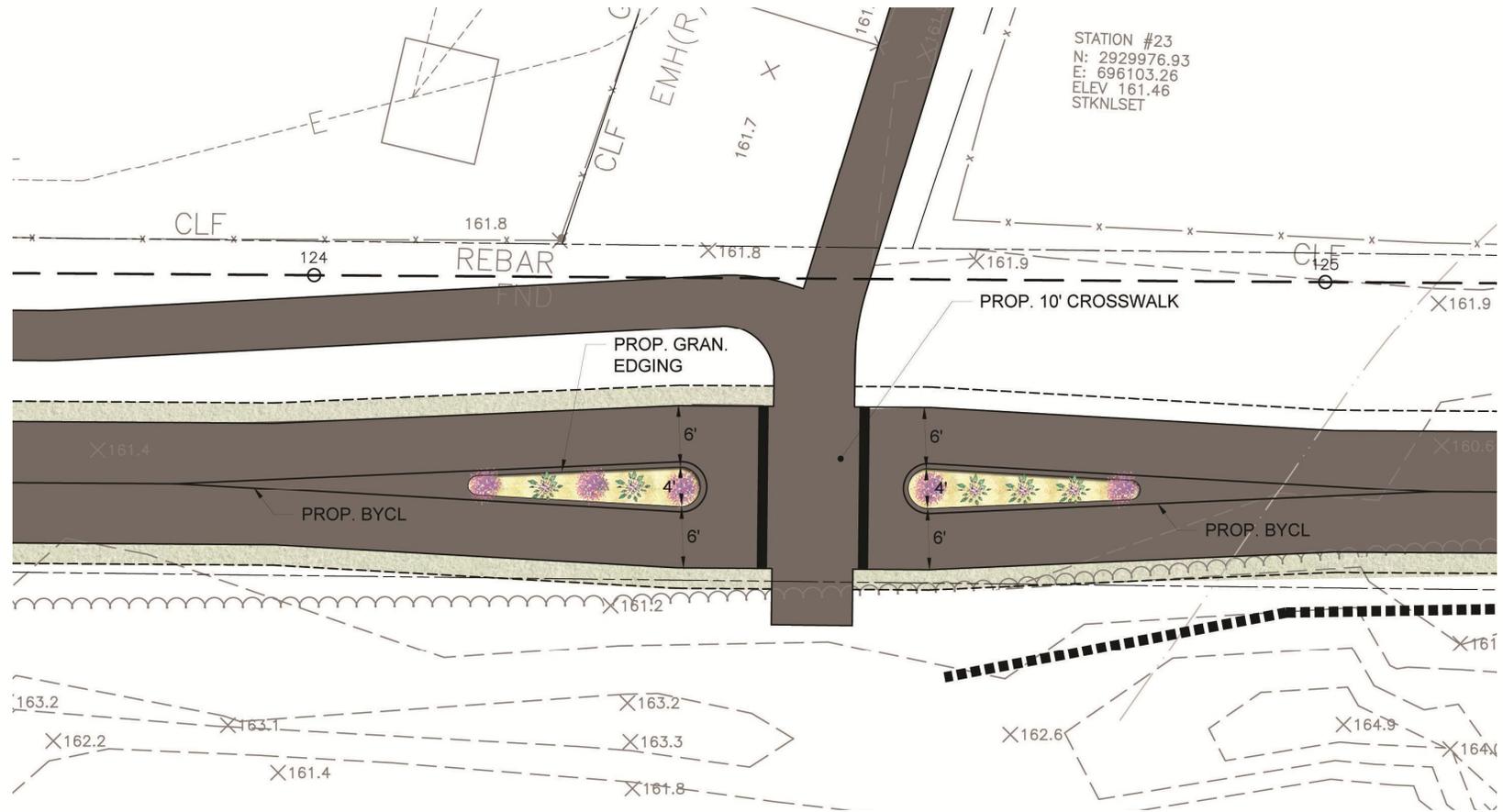


# Crossing at Kansas Street

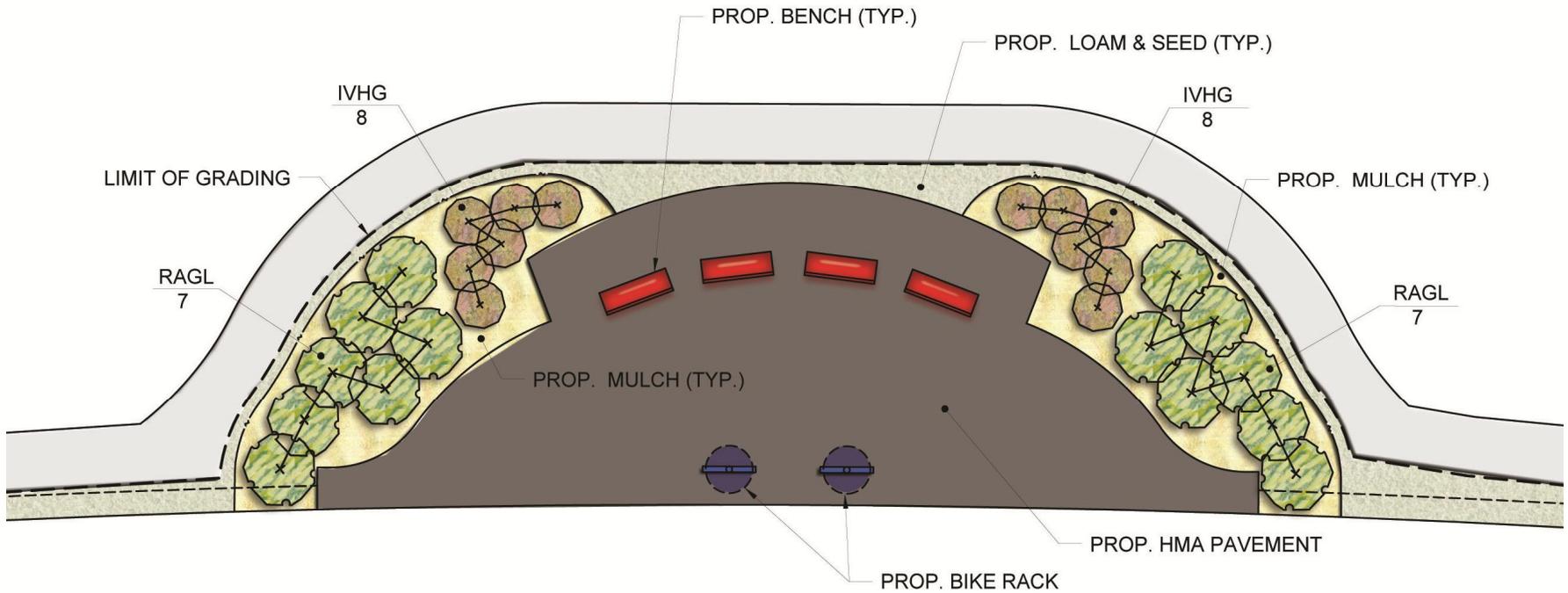


**Kansas Street**

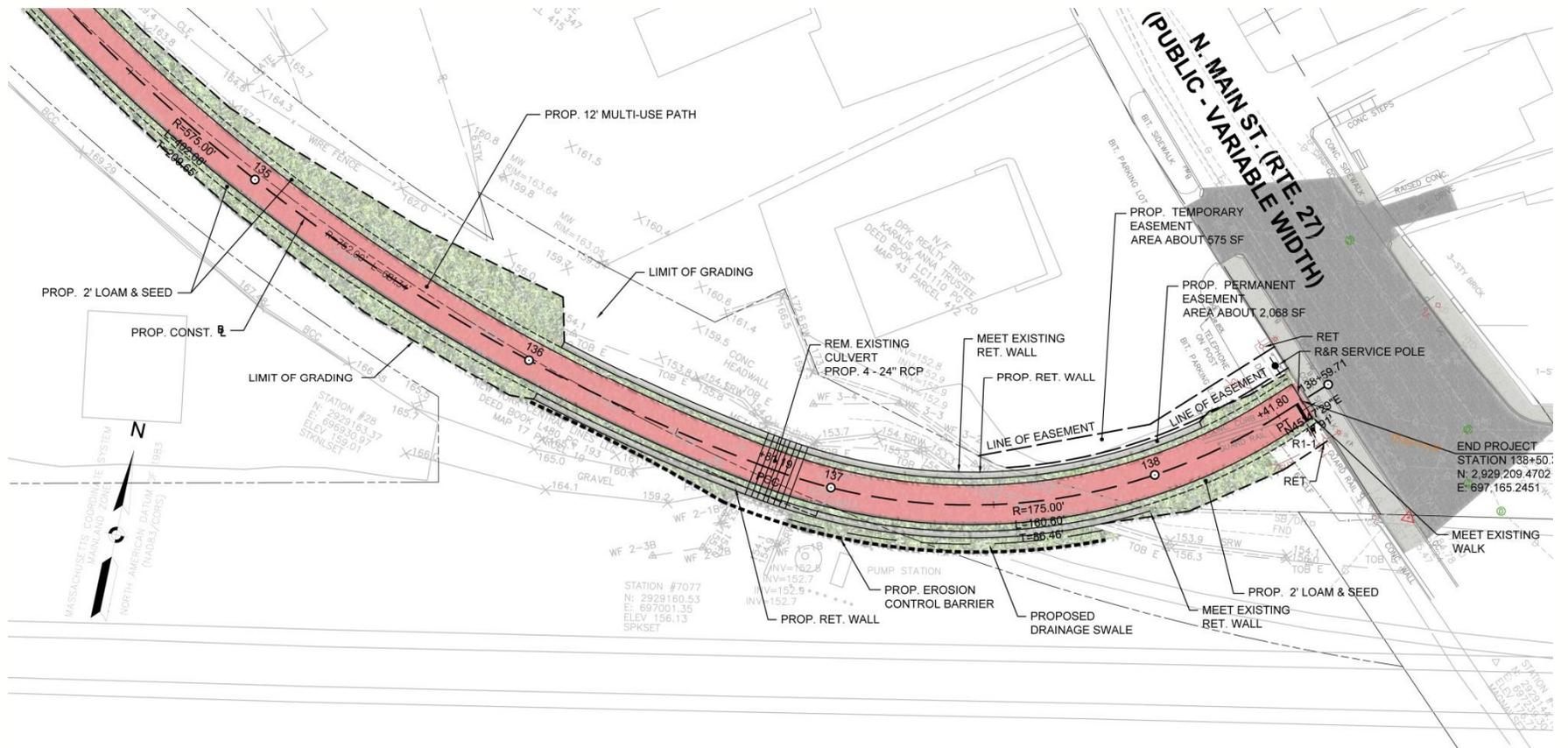
# Navy Yard Field



# Typical Overlook



# Connection at North Main Street



# RIGHT OF WAY

- **Town is Responsible for Right of Way**
- **Acquire CRT Right of Way from CSX**
- **Municipal Right of Way Process**
  - ✓ Permanent Easements
  - ✓ Temporary Easements

# Anticipated Milestones

- **Design Public Hearing – December 2015**
- **75% Design – March, 2016**
- **100% Design – September 2016**
- **Final Contract Documents (PS&E) – March 2017**
- **Right of Way Certificate – April 2017**
- **Advertising/Construction – FY 2018**

# The TIP

607732	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & BRIDGE OVER ROUTE 30	3	CMAQ	\$ 5,859,926	\$ 4,687,941	\$ 1,171,985
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**2018 Boston Region MPO Transportation Improvement Program** 06/22/2015 Draft Released  
xx/xx/xxxx Endorsed

Amendment/ Adjustment Type	MassDOT Project ID	MassDOT Project Description	MassDOT District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>Statewide Safe Routes to Schools Program</b>								
	No Projects Programmed				\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
Statewide Safe Routes to Schools Program Subtotal					\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
<b>Statewide CMAQ</b>								
	607329	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$ 7,662,854	\$ 6,130,283	\$ 1,532,571	
	606223	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	3	CMAQ	\$ 6,230,016	\$ 4,984,013	\$ 1,246,003	
	607732	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & BRIDGE OVER ROUTE 30	3	CMAQ	\$ 5,859,926	\$ 4,687,941	\$ 1,171,985	
Statewide CMAQ					\$ 19,752,796	\$ 15,602,237	\$ 3,950,559	80% Federal + 20% Non-Federal
<b>Statewide Transportation Enhancements</b>								
	No Projects Programmed				\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal					\$ -	\$ -	\$ -	80% Federal + 20% Non-Federal
<b>Statewide ITS</b>								
	No Projects Programmed				\$ -	\$ -	\$ -	
Statewide ITS Subtotal					\$ -	\$ -	\$ -	80% Federal + 20% Non-Federal
<b>Statewide Interstate Maintenance Program</b>								
	608219	READING-WAKEFIELD- INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-95	4	NHPP	\$ 4,638,816	\$ 4,174,934	\$ 463,882	
Statewide Interstate Maintenance Program Subtotal					\$ 4,638,816	\$ 4,174,934	\$ 463,882	90% Federal + 10% Non-Federal
<b>Statewide NHS Preservation Program+</b>								
	608069	MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3	5	NHPP	\$ 17,586,720	\$ 14,069,376	\$ 3,517,344	
	605608	DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109	6	NHPP	\$ 2,523,312	\$ 2,018,650	\$ 504,662	NHSP+Stormwater Total Cost = \$2,739,312
	608008	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 10,597,910	\$ 8,478,328	\$ 2,119,582	
	608220	CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	\$ 1,784,160	\$ 1,427,328	\$ 356,832	
Statewide NHS Preservation Program Subtotal					\$ 32,492,102	\$ 25,993,682	\$ 6,498,420	80% Federal + 20% Non-Federal
<b>Statewide RR Grade Crossings</b>								
	No Projects Programmed				\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal					\$ -	\$ -	\$ -	80% Federal + 20% Non-Federal
<b>Statewide Stormwater Retrofits</b>								
	605608	DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109	6	STP-TE	\$ 216,000	\$ 172,800	\$ 43,200	NHSP+Stormwater Total Cost = \$2,739,312
Statewide Stormwater Retrofits Subtotal					\$ 216,000	\$ 172,800	\$ 43,200	80% Federal + 20% Non-Federal