

# Green Line Extension Project

## **“Station Design Workshop” Lowell Street Station**

Somerville, MA

June 13, 2011

6:00 PM . 8:00 PM



Alvin W. M. Lamontagne, Secretary  
**massDOT**  
Massachusetts Department of Transportation

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# Agenda for Tonight

## **Project Overview**

- “ Introductions
- “ GLX Overview Presentation
- “ Goals and Objectives of Workshop
- “ Station Presentation

## **Breakout Groups**

- “ Station Design
- “ Urban Design
- “ Community Concerns

## **Reconvene into larger group**

- “ Share thoughts/ideas of breakout groups
- “ Wrap-up & Next Steps





# WELCOME & INTRODUCTIONS



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# Station Design Workshop

**College Avenue**

**Tufts University  
51 Winthrop Street  
Medford, Ma**

**June 7**

**Ball Square**

**Somerville High School  
Cafeteria – 81 Highland Avenue  
Somerville, MA**

**June 9**

**Lowell Street**

**Somerville High School  
Cafeteria**

**June 13**

**Gilman Square**

**Somerville High School  
Cafeteria**

**June 15**

**Union Square**

**Cummings Elementary School  
42 Prescott Street  
Somerville**

**June 22**

**Washington Street**

**Holiday Inn  
30 Washington Street  
Somerville**

**June 23**

**Lechmere**

**Kennedy/Longfellow School  
158 Spring Street  
Cambridge, Ma**

**June 29**



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# Upcoming Public Meetings

- “ **Brick bottom Area Meeting – Summer 2011**
- “ **Community Path Workshop – Fall 2011**
- “ **Maintenance Facility – Fall 2011**
- “ **Corridor Retaining Walls & Noise & Vibration Mitigation – Fall 2011**
- “ **Station Design Meetings – Fall 2011**
- “ **Federal Environmental Review Public Process – Summer/Fall 2011**

**Note:**

- “ **MAPC Rte. 16 Mystic Valley Parkway ongoing separate Community Process**



# Why Are We Here Tonight?

## To Talk About GLX Station Design

- “ To listen to your thoughts about the needs and priorities of your community and how they affect the design of your station
- “ To discuss the operational needs of the Green Line
- “ To discuss layout of the station & surrounding site
- “ To begin discussions on architectural treatments





# Discussion Guidelines

- “ Respect all speakers
- “ One speaker at a time
- “ We want to hear from all participants
- “ Moderator will enforce the guidelines
- “ Thanks for your cooperation, patience and comments



# Breakout Group Site Discussion Points

1. **Station Design**
2. **Urban Design**
3. **Community Concerns**

## Potential Topics

- " Pedestrian Traffic Flow/Connections
- " Vehicular Routing and Drop off
- " Bus Connections
- " Community Path Connections
- " Platforms/Buildings
- " Aesthetics/Visual Character/Materials
- " Safety/Security
- " Accessibility
- " Station Amenities
- " Other Neighborhood or Community Concerns
- " General Issues for Discussion





# Planning History

- “ 1962: *North Terminal Area Study*
- “ 1973: *Boston Transportation Planning Review Northwest*
- “ 1981: *Green Line Northwest Project Study*
- “ 1984: *Beyond Lechmere Alternatives Evaluation Report*
- “ 1990: Central Artery/Tunnel Project Transit Commitments and State Implementation Plan (SIP) for air quality conformity
- “ 2005: MBTA *Beyond Lechmere (MIS/AA)*
- “ 2006: MassDOT (formerly EOT) *EENF* for Green Line Extension to Medford
- “ 12/2006: Secretary of the Executive Office of Energy and Environmental Affairs (EEA formerly EOEA) issued a certificate requiring the preparation of a Draft Environmental Impact Report (DEIR)



# Planning History

- “ 10/2009: MassDOT DEIR/EA for Green Line Extension
- “ 01/2010: Secretary of EEA issued a certificate requiring the preparation of a limited scope FEIR for the Proposed Action
- “ 06/2010: MassDOT FEIR for Green Line Extension Project
- “ 07/2010: Secretary of EEA issued a final certificate stating the project adequately and properly complies with MEPA requirements
- “ Summer 2011: Anticipated EA filing





# Green Line Extension Project

**Extend Green Line from  
Lechmere Station to  
Somerville, Medford in order to:**

- “ Improve regional air quality
- “ Improve corridor mobility and regional access
- “ Boost transit ridership
- “ Ensure equitable distribution of transit services
- “ Support opportunities for smart growth initiatives and sustainable development



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# Green Line Extension Program Elements

- “ Seven Stations
- “ Maintenance Facility
- “ 3.4-mile Medford Line
- “ 0.9-mile Union Square Branch
- “ Community Path Design



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# Project Design Upcoming Milestones

- “ Preliminary Engineering and Design/Build Bid Package to 30%
  - . Summer/Fall 2011
- “ Design/Build Procurement Goals
  - . RFQ . Fall 2011
  - . Shortlist D/B Teams . Late Winter/Early Spring 2012
  - . RFP . Late Winter/Early Spring 2012
  - . Award . Summer/Fall 2012



# Lowell Street



View toward station site at Lowell and Vernon Streets



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View toward Community Path, MaxPac Square, and Station Site







Powderhouse Square



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# Community Path



Conceptual drawings for coordination and planning purposes only.



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# MaxPac Square



Drawings for coordination and planning purposes only.



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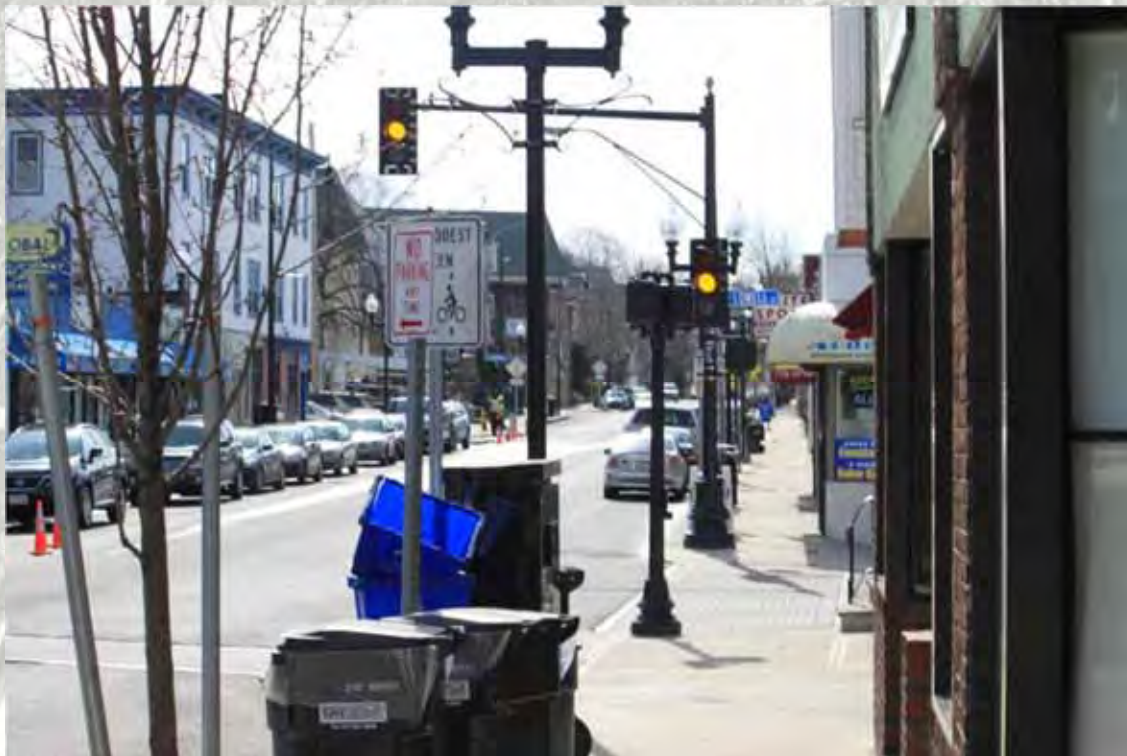




# Neighborhood Access Diagram







Magoun Square, Medford Street



Somerville Hospital,  
Highland Avenue







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## View toward station site at Lowell and Vernon Streets



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# Wider sidewalk connections



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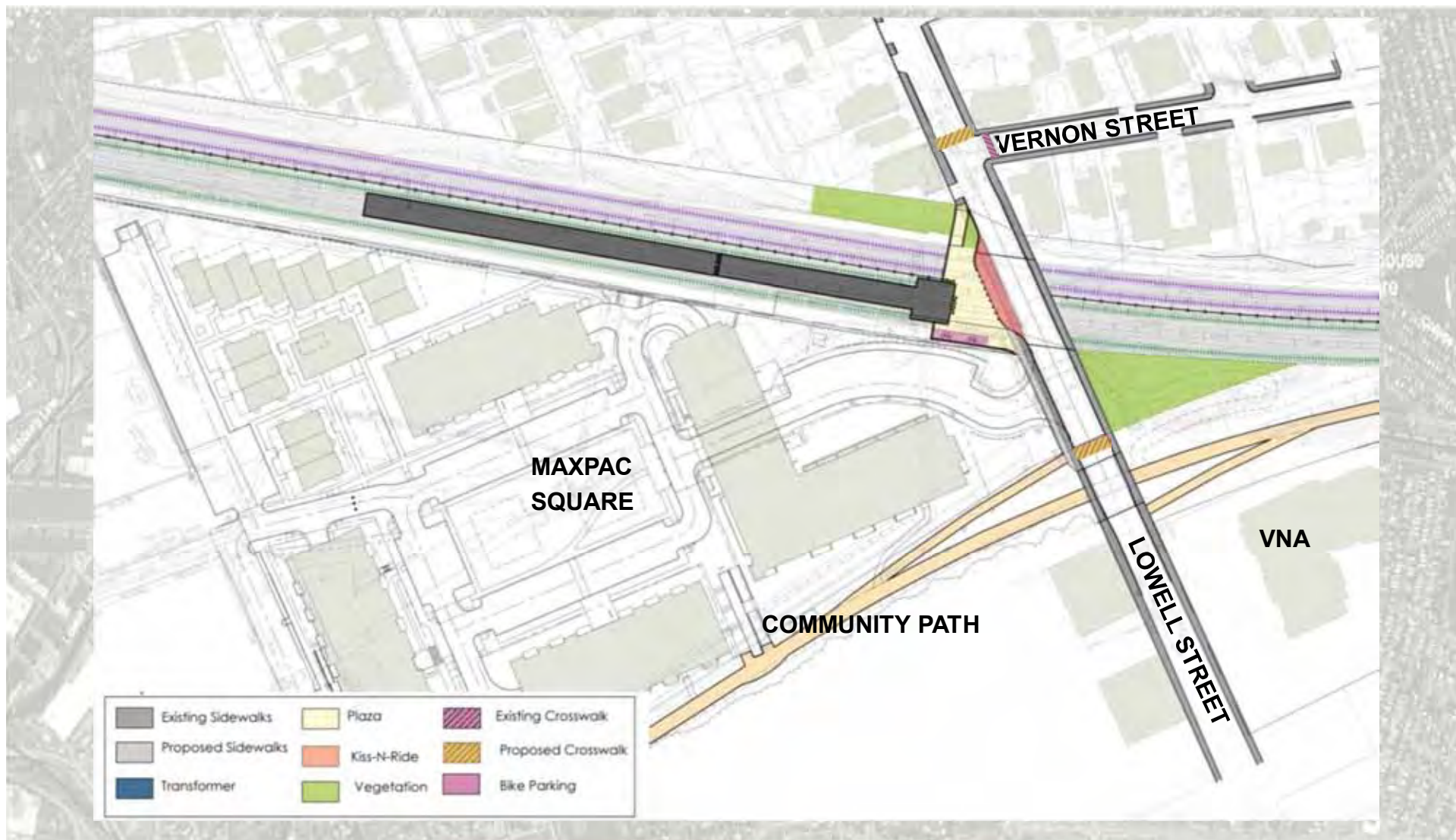
# Community Concerns & Environmental Assessment Document



- Bike storage is crucial.
- Need neighborhood access from both sides.
- Design community path and station to promote connectivity
- Greenery, planting, benches to sit and talk









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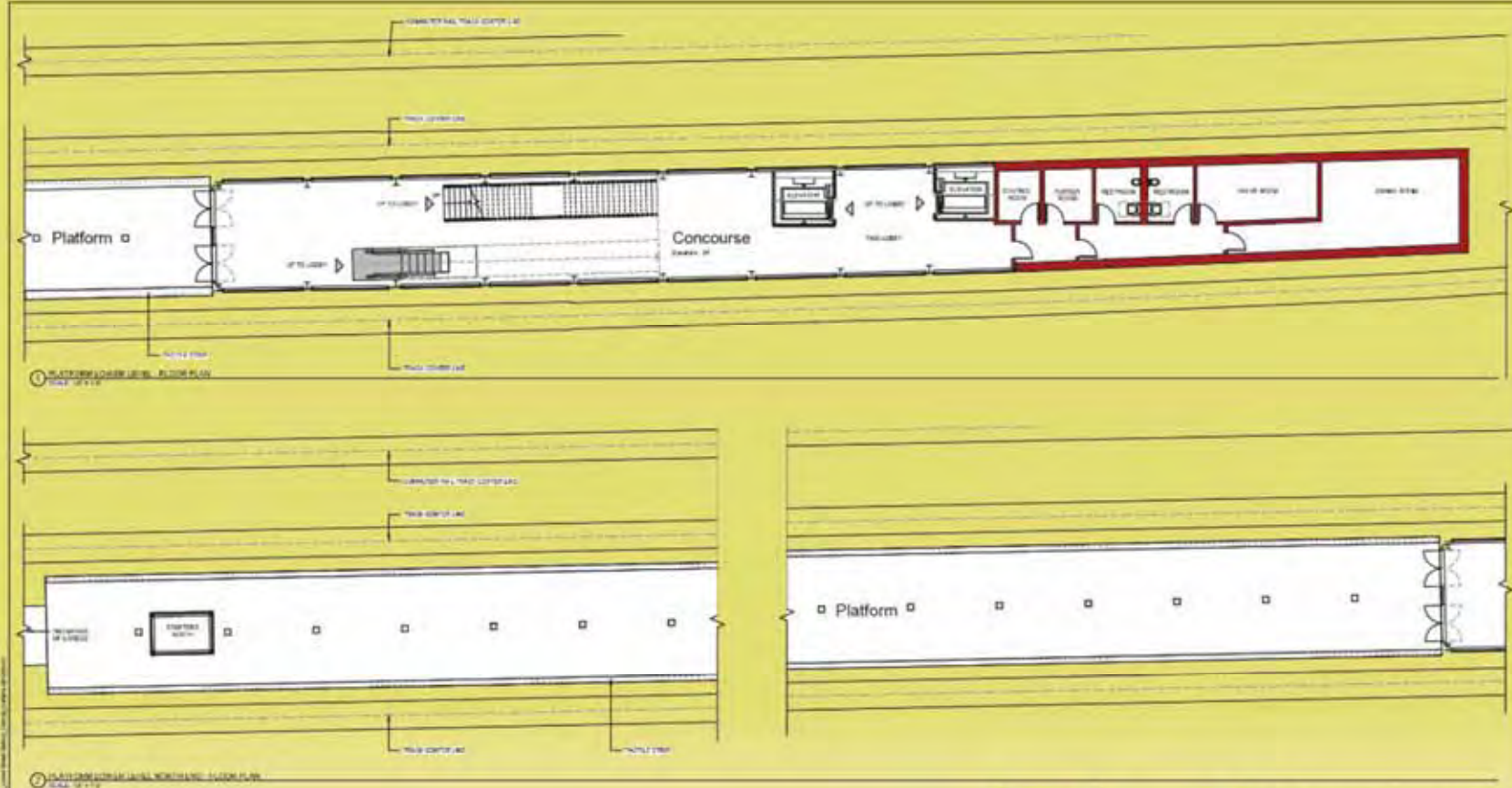
# Green Line Extension Project











1. PLATFORM LOWER LEVEL - PLATFORM PLAN  
SCALE: 1/8" = 1'-0"

2. PLATFORM LOWER LEVEL - WORKING PLAN  
SCALE: 1/8" = 1'-0"

<b>GLX</b> <i>massDOT</i>	<b>T</b>	MASSDOT RAIL LOWELL STREET STATION LOWELL STREET STATION	
		PLATFORM LOWER LEVEL PLAN - EL. 30'	
<b>NOT FOR CONSTRUCTION</b>		<b>HDR/GILBANE</b>	PREPARED BY: HDR/GILBANE CHECKED BY: HDR/GILBANE DATE: 10/10/10
SCALE: 1/8" = 1'-0"		SHEET: 101-101-101	TOTAL SHEETS: 101-101-101



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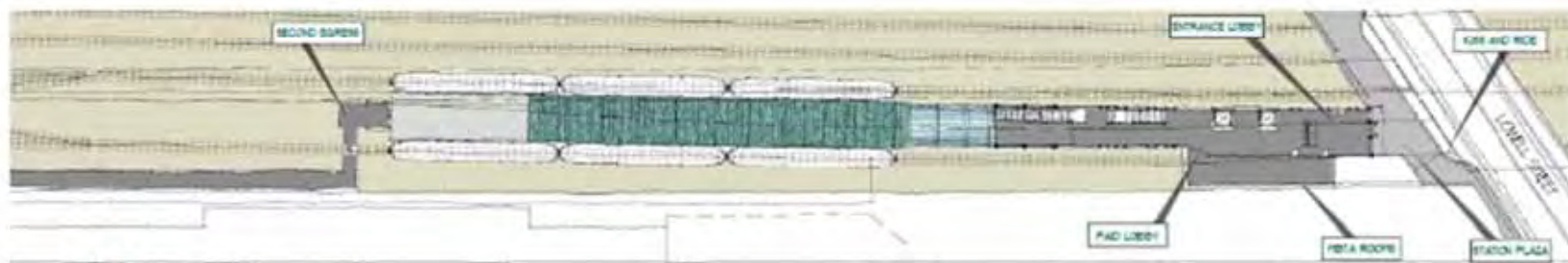
CROSS SECTION LOOKING SOUTH



PLATFORM/STREET LEVEL PLAN



BRIDGE LEVEL PLAN



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## LOWELL STREET STATION

SEPTEMBER 2010  
INFORMATIONAL MEETINGS AT  
SOMERVILLE AND MEDFORD



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# Next Steps



**Future Meetings to  
continue your involvement  
in the development of the  
Stations**

**Fall 2011**



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# Next Steps

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