



Green Line Extension Project

Informational Meeting

January 23, 2008



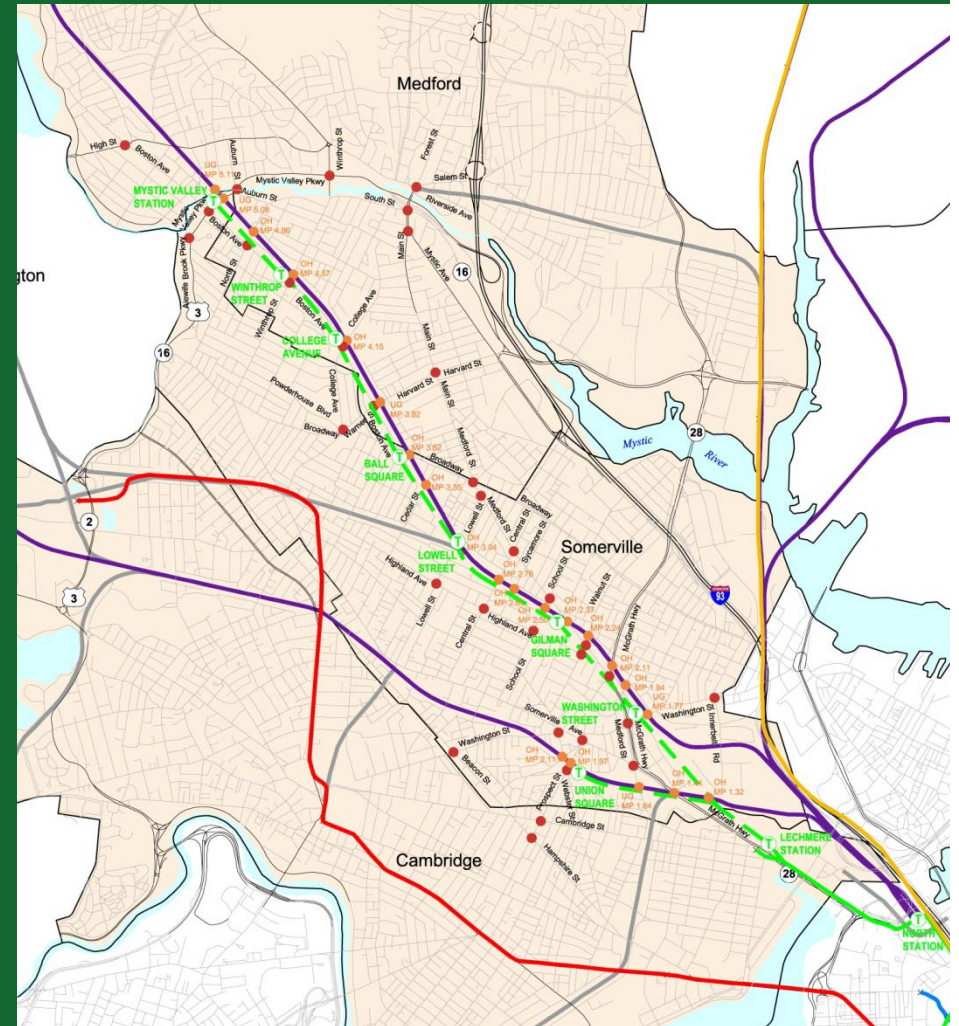
Green
Line
Extension

Green Line Extension Project



Green
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Extension

- Purpose
- History/Background
- Public Outreach
- Overview
 - Alignments
 - Station Siting
 - Support Facility
- FTA New Starts

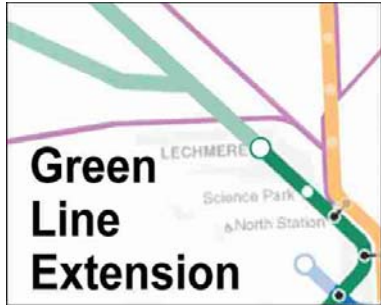




Project Purpose



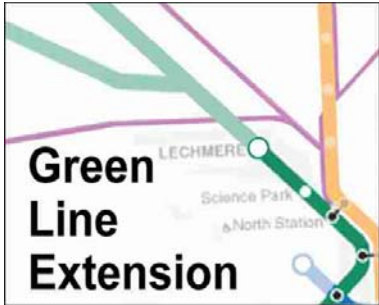
- Extend Green Line from Lechmere Station to Somerville, Medford in order to:
 - Improve regional air quality
 - Improve corridor mobility and regional access
 - Boost transit ridership
 - Ensure equitable distribution of transit services
 - Support opportunities for smart growth initiatives and sustainable development



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's: Central Artery/Tunnel Project Transit Commitments and State Implementation Plan (SIP) for air quality conformity
- 2005: MBTA *Beyond Lechmere (MIS/AA)*
- 2006: EOTPW *EENF* for Green Line Extension to Medford
- 12/2006: Secretary of the Executive Office of Environmental Affairs (EOEA) issued a certificate requiring the preparation of a Draft Environmental Impact Report (DEIR)
- 09/2007: EOTPW initiates preparation of DEIR



Public Outreach



- Long History of Planning
- Advisory Group
- Neighborhood Station Workshops
- Informational Meetings
- Local Official Briefings
- Interagency Meetings
- Project website: www.greenlinextension.org



Alternative Alignments



- Alternative 1: Green Line Extension to *Medford Hillside* with Spur to Union Sq.
- Alternative 2: Green Line Extension to *Route 16/ Mystic Valley Pkwy* with Spur to Union Sq.
- Alternative 3: Green Line Extension to Medford Hillside with Spur to Union Sq. *via McGrath Hwy/ Somerville Ave*
- Alternative 4: Green Line Extension to Route 16/Mystic Valley Pkwy with Spur to Union Sq. *via McGrath Hwy/ Somerville Ave.*

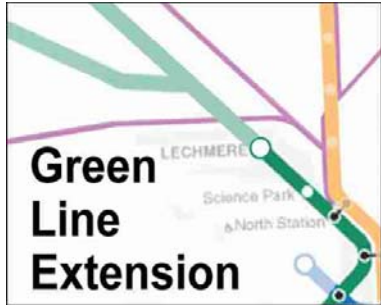


Station Siting



- Washington Street
- Gilman Square
- Lowell Street
- Ball Square
- College Avenue
- Winthrop Street
- Mystic Valley Parkway/Route 16
- Union Square





Station Siting



- Secretary's Certificate states that EOTPW should evaluate feasibility and advisability of locating stations at:
 - Route 16
 - Winthrop Street
 - Between Winthrop Street and College Avenue
 - Brickbottom/Twin Cities Plaza area



Station Siting - Considerations



- Station Access
- Transit Operations
- Land Use Opportunities
- Impact on Residents
- ADA Considerations
- Costs
- Environmental Impacts





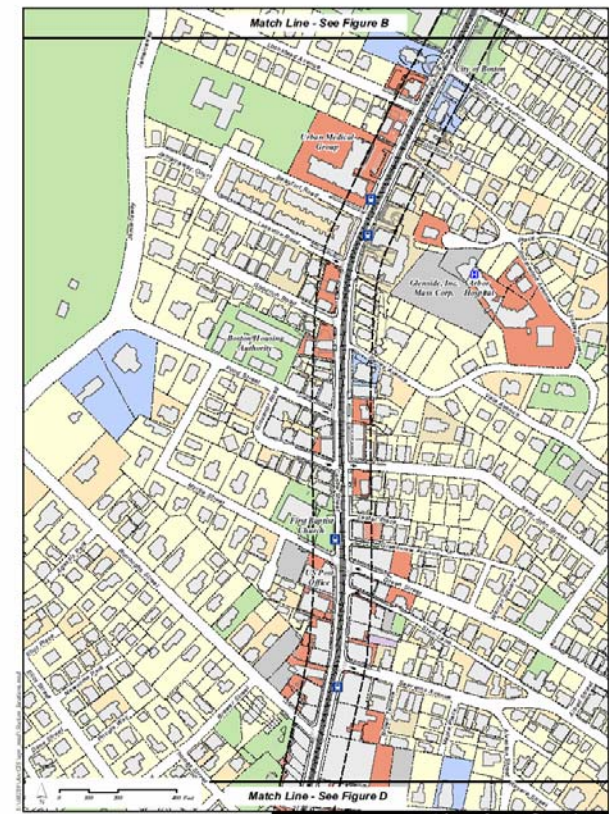
Green Line Extension

DEIR Analysis



Green Line Extension

- Operations
- Noise & Vibration
- Air Quality
- Land takings
- Traffic, Parking
- Support Facility
- Construction impacts
- Community impacts – Environmental Justice





FTA New Starts



- FTA lead federal agency
- If federal funds, federal environmental review required (NEPA)
- Prepare and file document as joint EIR/EA
- Complete New Starts Application
 - Cost Effectiveness Measure
 - Transit-Supportive Land Use Assessment



Next Steps



- Station Workshops
- Support Facility Evaluation
- Union Square Branch Alignment