



Route 16 Alternative Station Design

Nov. 17, 2009

DEIR: Analysis and Response



Route 16 Station Area - Existing Land Use

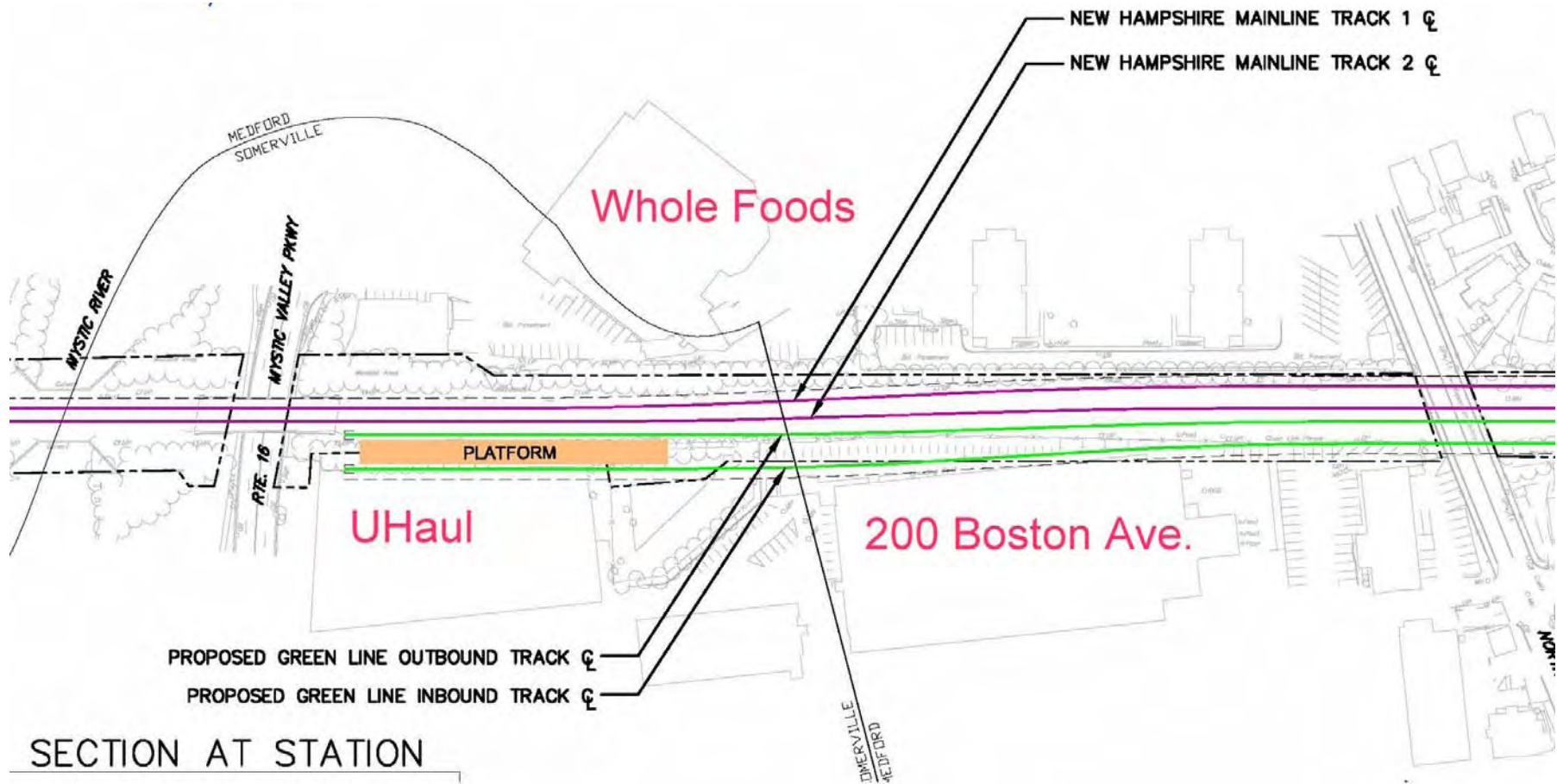


DEIR: Analysis and Response



EOT Design 1,
Feb. 2008

- No conflict with office buildings or North Street bridge
- Commuter rail tracks shown shifted east; 225-foot platform



DEIR: Environmental Impact



In Appendix B of the DEIR, the EOT states:

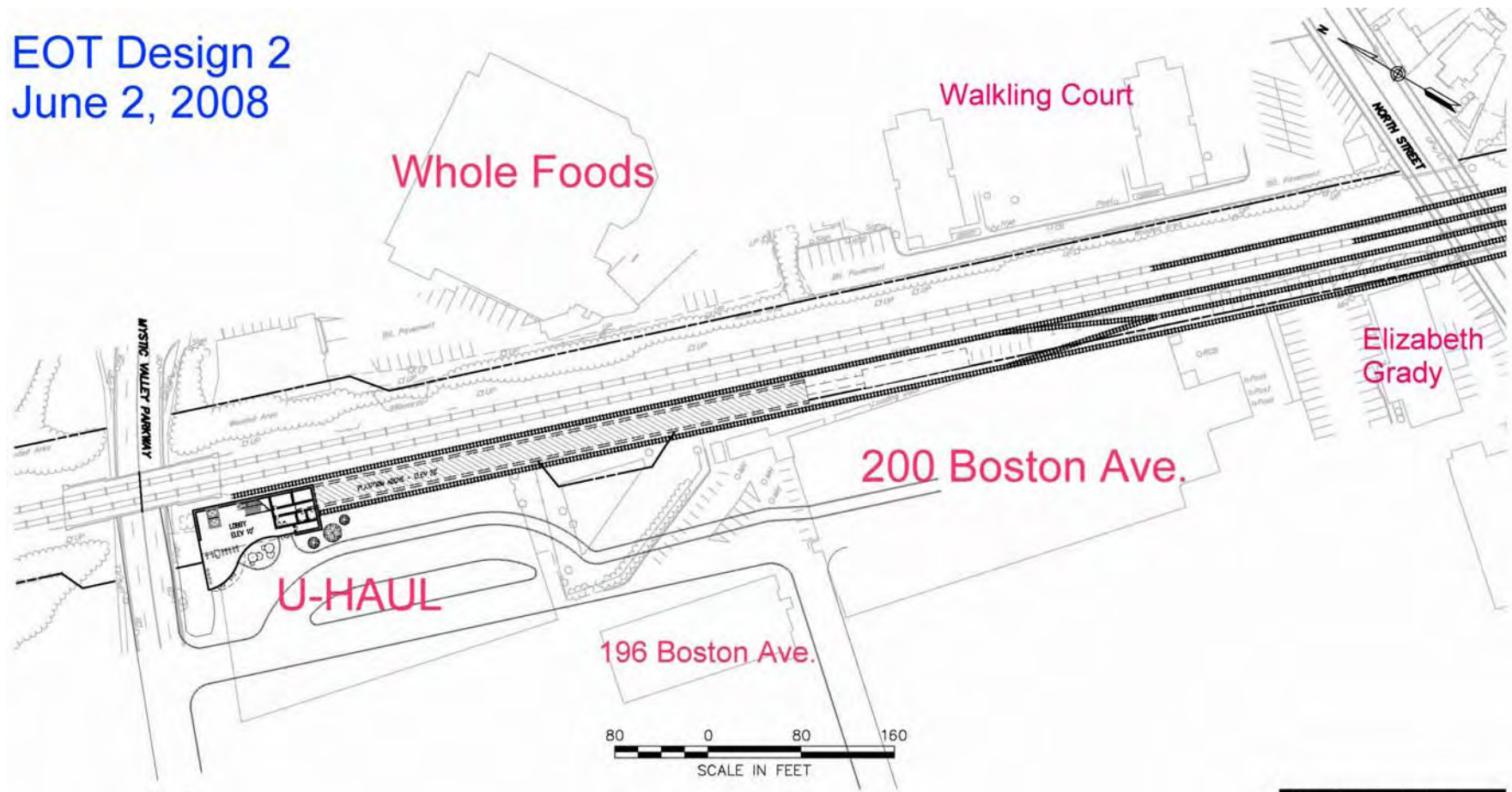
“In February of 2008, a series of public workshops were conducted in the neighborhoods to discuss the proposed station areas and to obtain feedback from stakeholders on the various concepts developed.

“Based on previous work and the feedback obtained at these workshops, the **station concepts for Gilman Square and Mystic Valley Parkway / Route 16 were generally accepted by the public and local officials and did not require additional evaluation.**”

DEIR: Analysis and Response



EOT Design 2
June 2, 2008



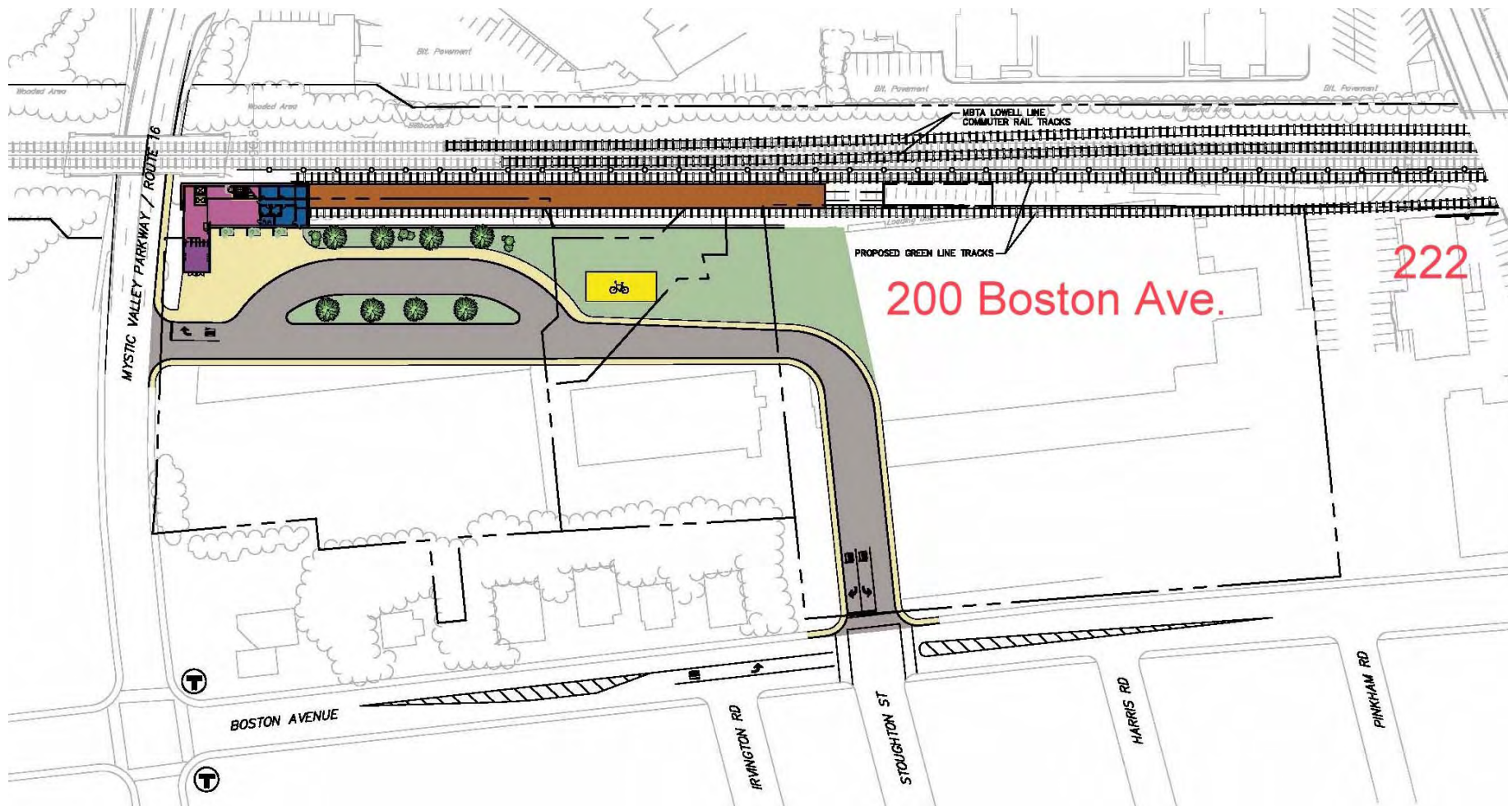
- Third Green Line track added; conflicts shown with office buildings and bridge
- Commuter rail tracks returned to existing position, platform lengthened to 450 ft.

DEIR: Analysis and Response



EOT Design 3
March/Oct. 2009

- Third Green Line track removed
- Commuter rail tracks again shifted east, but not Green Line tracks, which also have excessive spacing in between them

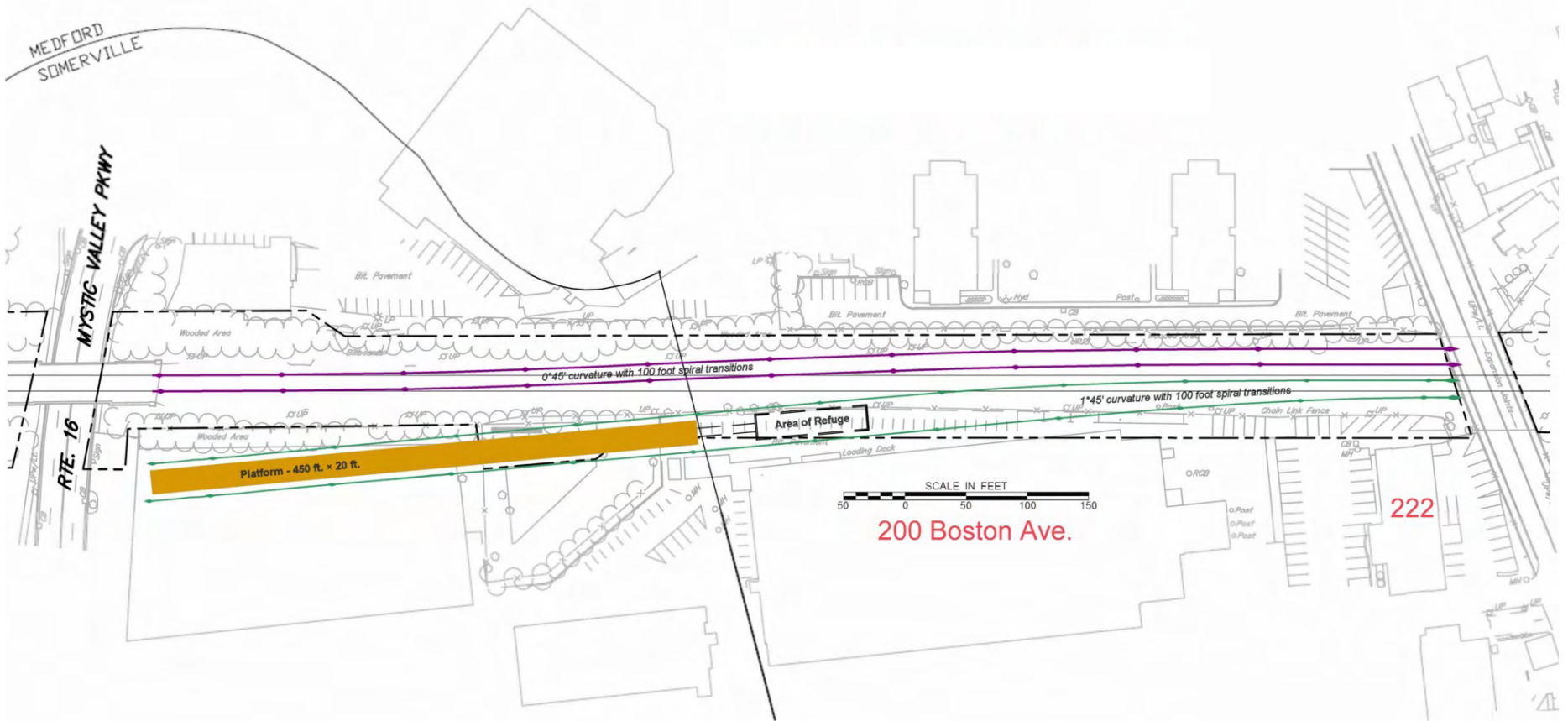


DEIR: Analysis and Response



MGNA Design Alternative November 2009

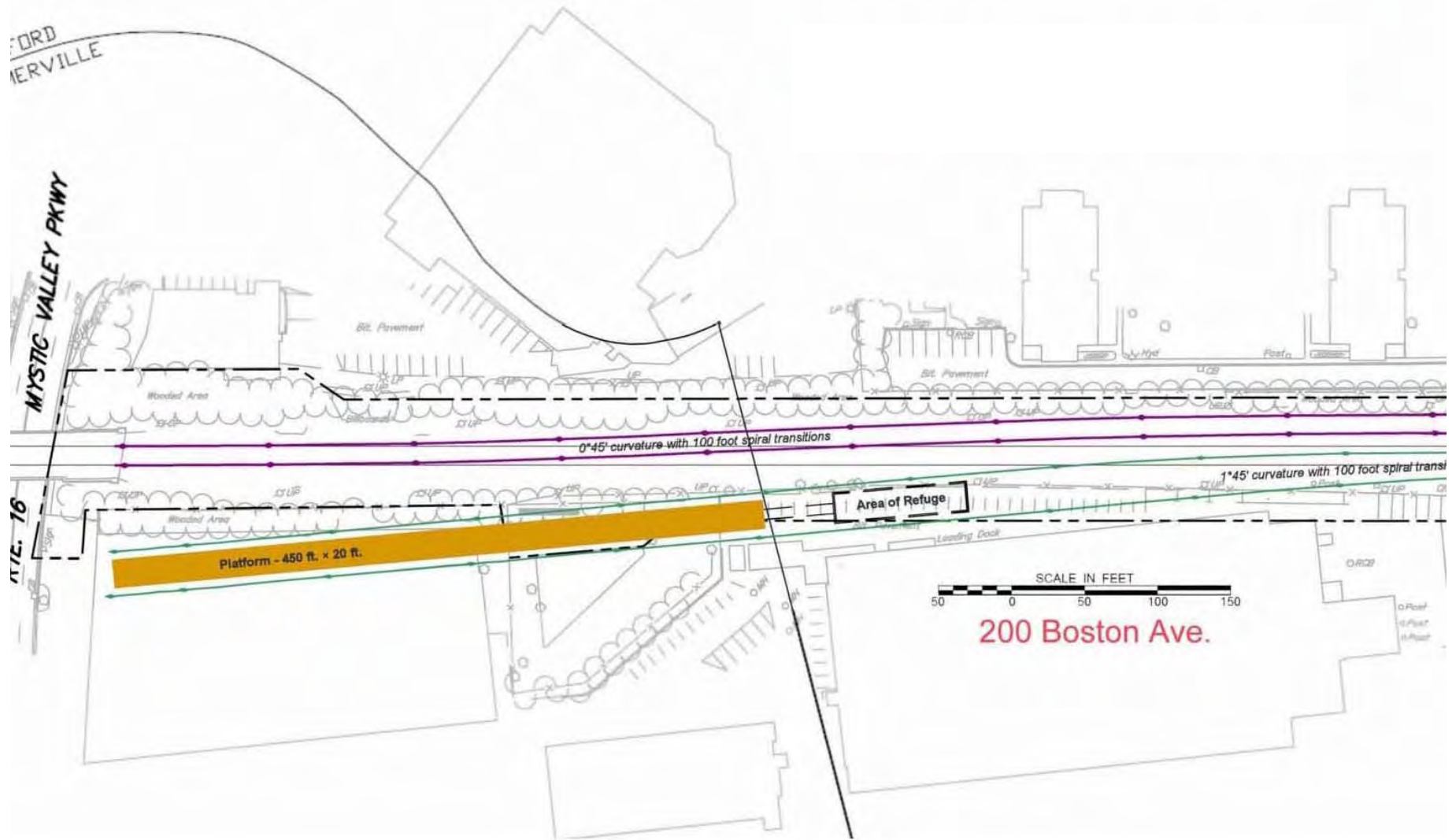
- Commuter rail tracks shifted east, within right-of-way
- Green Line tracks gently curved, within EOT/FTA guidelines
- Platform orientation changed; no conflicts with office buildings or need to acquire them to accommodate station



DEIR: Analysis and Response



MGNA Design Alternative November 2009 – Close-up



DEIR: Analysis and Response



MGNA Route 16 Alternative Station Design Advantages

- Eliminates need to acquire 200 and 222 Boston Avenue properties, preserving businesses
- Preserves \$182,000 in annual property tax revenue to Medford, which is likely to greatly increase with the advent of Green Line service, which will raise the buildings' assessed values
- Reduces project cost by at least \$15.4 million (buildings' current assessed values)
- Saves cost of relocating displaced companies and employees