List of Figures

All figures are provided in Volume 2 except as indicated otherwise below.

Figure	Description	Page
1-1	Study Area	
3.3-1	Station Locus Map (Sheet 1 of 2)	
3.3-2	Station Locus Map (Sheet 2 of 2)	
3.3-3	Maintenance Facility Initial Site Alternatives	
3.3-4	Preferred Maintenance Facility Site	
3.5-1	Baseline Alternative	
3.6-1	Alternative 1	
3.6-2	Alternative 2	
3.6-3	Alternative 3	
3.6-4	Alternative 4	
3.6-5	Alternative 5	
3.6-6	Alternative 6	
3.7-1	Proposed Project	
3.7-2	Relocated Lechmere Station – Station Layout	
3.7-3	Relocated Lechmere Station – Station Plan	
3.7-4	Relocated Lechmere Station – Circulation	
3.7-5	Relocated Lechmere Station – Elevation	
3.7-6	Brickbottom Station – Station Layout	
3.7-7	Brickbottom Station – Station Plan	
3.7-8	Brickbottom Station – Circulation	
3.7-9	Brickbottom Station – Elevation	
3.7-10	Gilman Square Station – Station Layout	
3.7-11	Gilman Square Station – Station Plan	
3.7-12	Gilman Square Station – Circulation	
3.7-13	Gilman Square Station – Elevation	
3.7-14	Lowell Street Station – Station Layout	
3.7-15	Lowell Street Station – Station Plan	
3.7-16	Lowell Street Station – Circulation	
3.7-17	Lowell Street Station – Elevation	
3.7-18	Ball Square Station – Station Layout	
3.7-19	Ball Square Station – Station Plan	
3.7-20	Ball Square Station – Circulation	
3.7-21	Ball Square Station – Elevation	
3.7-22	College Avenue Station Medford Hillside Terminus (Alt 1, 3) – Station Layout	
3.7-23	College Avenue Station (Alt 2, 4, 5) Station Layout	
3.7-24	College Avenue Station – Station Plan	
3.7-25	College Avenue Station – Circulation	
3.7-26	College Avenue Station – Elevation	

Figure	Description	Page
3.7-27	Mystic Valley Parkway/Route 16 Station – Station Layout	
3.7-28	Mystic Valley Parkway/Route 16 Station – Station Plan	
3.7-29	Mystic Valley Parkway/Route 16 Station – Circulation	
3.7-30	Mystic Valley Parkway/Route 16 Station – Elevation	
3.7-31	Union Square Station – Station Layout	
3.7-32	Union Square Station – Station Plan	
3.7-33	Union Square Station – Circulation	
3.7-34	Union Square Station – Elevation	
3.7-35	Existing Section Looking North (in Volume 1)	3-5
3.7-36	Proposed Section Looking North (in Volume 1)	3-5
3.7-37	Typical Construction Staging (Sheet 1 of 2)	
3.7-38	Typical Construction Staging (Sheet 2 of 2)	
3.8-1	Typical Section of Somerville Community Path (in Volume 1)	3-5
4.1-1	Existing Conditions (Sheet 1 of 10)	
4.1-2	Existing Conditions (Sheet 2 of 10)	
4.1-3	Existing Conditions (Sheet 3 of 10)	
4.1-4	Existing Conditions (Sheet 4 of 10)	
4.1-5	Existing Conditions (Sheet 5 of 10)	
4.1-6	Existing Conditions (Sheet 6 of 10)	
4.1-7	Existing Conditions (Sheet 7 of 10)	
4.1-8	Existing Conditions (Sheet 8 of 10)	
4.1-9	Existing Conditions (Sheet 9 of 10)	
4.1-10	Existing Conditions (Sheet 10 of 10)	
4.2-1	Existing Land Use Index	
4.2-2	Existing Land Use – Existing Lechmere Station	
4.2-3	Existing Land Use – Brickbottom Station	
4.2-4	Existing Land Use – Gilman Square Station	
4.2-5	Existing Land Use – Lowell Street Station	
4.2-6	Existing Land Use – Ball Square Station	
4.2-7	Existing Land Use – College Avenue Station	
4.2-8	Existing Land Use – Mystic Valley Parkway/Route 16 Station	
4.2-9	Existing Land Use – Union Square Station	
4.2-10	Primary Use Zoning – Cities of Somerville, Medford, and Cambridge	
4.4-1	State-Defined Environmental Justice Populations	
4.5-1	Existing and Proposed MBTA Bus and Transit System	
4.5-2	Existing MBTA Commuter Rail Routes	
4.5-3	Existing Freight Rail Routes	
4.6-1	Traffic Study Intersections	

Figure	Description	Page
4.7-1	Microscale Air Quality Study Intersections	
4.8-1	Typical A-Weighted Sound Levels (in Volume 1)	4-64
4.8-2	Examples of Typical Outdoor Noise Exposure (in Volume 1)	4-65
4.8-3	Noise and Vibration Measurement Sites	
4.9-1	Typical Ground-Borne Vibration Levels and Criteria (in Volume 1)	4-71
4.9-2	Existing Vibration Measurement Results (in Volume 1)	4-73
4.15-1	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 1 of 10)	
4.15-2	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 2 of 10)	
4.15-3	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 3 of 10)	
4.15-4	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 4 of 10)	
4.15-5	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 5 of 10)	
4.15-6	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 6 of 10)	
4.15-7	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 7 of 10)	
4.15-8	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 8 of 10)	
4.15-9	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 9 of 10)	
4.15-10	Location of Historic Resources Identified within the Green Line Extension Project APE (Sheet 10 of 10)	
5.2-1	Proposed Property Acquisitions – Lechmere Station	
5.2-2	Proposed Property Acquisitions – Brickbottom Station	
5.2-3	Proposed Property Acquisitions – Gilman Square Station	
5.2-4	Proposed Property Acquisitions – Lowell Street Station	
5.2-5	Proposed Property Acquisitions – Ball Square Station	
5.2-6	Proposed Property Acquisitions – College Avenue Station	
5.2-7	Proposed Property Acquisitions – Mystic Valley Parkway/Route 16 Station	
5.2-8	Proposed Property Acquisitions – Union Square Station (Fitchburg Corridor Alternativ	
5.2-9	Proposed Property Acquisitions – Union Square Station (In-Street Running Alternative	e)
5.6-1	Mesoscale 2030 Mobile Source Analysis Results (kilograms per day) (in Volume 1)	5-92
5.6-2	Mobile Source Air Toxics Emissions (in Volume 1)	5-95
5.7-1	Increase in Cumulative Noise Allowed by FTA Criteria (in Volume 1)	5-106
5.7-2	Noise Impacts and Mitigation Measures (Sheet 1 of 5)	
5.7-3	Noise Impacts and Mitigation Measures (Sheet 2 of 5)	
5.7-4	Noise Impacts and Mitigation Measures (Sheet 3 of 5)	
5.7-5	Noise Impacts and Mitigation Measures (Sheet 4 of 5)	
5.7-6	Noise Impacts and Mitigation Measures (Sheet 5 of 5)	
5.7-7	Examples of Noise Barrier Materials (in Volume 1)	5-116
5.8-1	Criteria for Detailed Vibration Analysis (in Volume 1)	5-125
5.8-2	Vibration Impacts and Mitigation Measures (Sheet 1 of 5)	
5.8-3	Vibration Impacts and Mitigation Measures (Sheet 2 of 5)	

List of Figures ii

Green Line Extension Project

Draft Environmental Impact Report/Environmental Assessment and Draft Section 4(f) Evaluation

Figure	Description	Page
5.8-4	Vibration Impacts and Mitigation Measures (Sheet 3 of 5)	
5.8-5	Vibration Impacts and Mitigation Measures (Sheet 4 of 5)	
5.8-6	Vibration Impacts and Mitigation Measures (Sheet 5 of 5)	
5.9-1	Proposed Stormwater Drainage	
5.15-1	Proposed and Reasonably Foreseeable Projects	