

Index

- Amtrak
 - Construction Impacts 14-21, 17-36
 - Farley Post Office Conversion 1-25
 - Impacts During Construction 17-11, 17-36
 - Northeast Corridor Service 1-3, 1-25
 - Operation in Queens 2-19, 9B-1, 9C-6
 - Preferred Alternative, effect of 9A-2, 9B-9, 9C-37
- Babylon Site (see also Long Island Storage Yards)
 - Air Quality 10-17
 - Archaeological Resources 8-17, 8-20
 - Coastal Zone Management 16-1
 - Construction Activity 17-20
 - Construction Impacts 17-26, 17-31, 17-45, 17-52
 - Contaminated Materials 14-2, 14-17, 14-23
 - Economic Conditions 5-16, 5-25
 - Land Use, Zoning, and Public Policy 3-26, 3-43, 3-45
 - Natural Resources 15-15, 15-24, 15-29, 15-33, 15-35
 - Noise Impacts 11-10
 - Preferred Alternative 2-26
 - Property Acquisition and Displacement 5-36
 - Safety Measures 20-3
 - Social Conditions 4-16, 4-26, 4-31, 4-33
 - Utilities 13-4
 - Visual and Aesthetic Considerations 6-15, 6-19, 6-27, 6-28
- Blissville Yard
 - Air Quality 10-9, 10-17
 - Coastal Zone Management 16-1
 - Construction Activity 17-10
 - Construction Impacts 17-26, 17-30, 17-45, 17-52
 - Contaminated Materials 14-2, 14-10, 14-22
 - Economic Conditions 5-15, 5-19, 5-25
 - Land Use, Zoning, and Public Policy 3-21, 3-36, 3-42
 - Natural Resources 15-13, 15-21, 15-27, 15-33
 - Noise Impacts 11-8
 - Preferred Alternative 2-25
 - Safety Measures 20-3
- Social Conditions 4-11, 4-26, 4-30
- Visual and Aesthetic Considerations 6-11, 6-18, 6-25
- Bronx (see also Highbridge Yard)
 - Property Acquisition and Displacement 5-31
- Buses
 - Express/LI Bus Service 1-6
 - Future No Action 9C-31
 - at GCT 9C-17
 - Preferred Alternative 9C-58, 9D-3, 9D-5
- Cerro Wire Site (see also Long Island Storage Yards)
 - Air Quality 10-17
 - Archaeological Resources 8-17, 8-20
 - Construction Activity 17-20
 - Construction Impacts 17-26, 17-31, 17-45, 17-52
 - Contaminated Materials 14-2, 14-16, 14-19, 14-23
 - Economic Conditions 5-19, 5-25
 - Land Use, Zoning, and Public Policy 3-25, 3-37, 3-38, 3-43
 - Natural Resources 15-15, 15-24, 15-29, 15-33, 15-35
 - No Action Alternative 2-3
 - Noise Impacts 11-10
 - Preferred Alternative 2-26
 - Property Acquisition and Displacement 5-36
 - Safety Measures 20-3
 - Social Conditions 4-15, 4-26, 4-31
 - Utilities 13-4
 - Visual and Aesthetic Considerations 6-15, 6-19, 6-27
- Cumulative Impacts 19-9
- Employment Forecasts
 - Long Island Transportation Corridor 5-5, 5-6, 5-17
 - Manhattan 5-7, 5-8, 5-18
 - Long Island 5-14
 - Long Island City/Sunnyside 5-12
- Fresh Pond Yard
 - Air Quality 10-9, 10-17
 - Archaeological Resources 8-6, 8-15, 8-20
 - Construction Activity 17-11

MTA/LIRR East Side Access FEIS

Construction Impacts	17-26, 17-30, 17-45, 17-52
Contaminated Materials	14-2, 14-13, 14-23
Economic Conditions	5-16, 5-19, 5-25
Land Use, Zoning, and Public Policy	3-23, 3-36, 3-42
Natural Resources	15-14, 15-22, 15-28, 15-33
Noise Impacts	11-8
Preferred Alternative	2-25
Safety Measures	20-3
Social Conditions	4-13, 4-26, 4-30
Visual and Aesthetic Considerations	6-13, 6-18, 6-26
Grand Central Terminal	
Air Quality	10-14, 10-18
Construction Activity	17-7, 17-16
Construction Impacts	17-31, 17-33
Contaminated Materials	14-7, 14-21
Existing Conditions	2-10
Historic Resources	7-9, 7-19, 7-26
History of	3-5
Land Use, Zoning, and Public Policy	3-40
Metro-North	1-3
Option 1, Station in Existing Lower Level of GCT	2-13
Option 2, New Deeper Station in GCT	2-14
Preferred Alternative	2-11
Property Acquisition and Displacement	5-25
Safety Measures	20-5
Transportation Impacts	9A-2, 9B-6, 9C-1
Utilities	13-2
Vibration Impacts	11-33
Visual and Aesthetic Considerations	6-2, 6-18, 6-21
Harold Interlocking Improvements	
Construction Activity	17-15
Construction Impacts	17-23, 17-26, 17-29, 17-36, 17-51, 17-56
Contaminated Materials	14-2, 14-21
Existing Conditions	2-21
Preferred Alternative	2-21
Property Acquisition and Displacement	5-29, 5-35
Hazeltine Site (see also Long Island Storage Yards)	
Preferred Alternative	2-28
Highbridge Yard	
Air Quality	10-17
Archaeological Resources	8-6, 8-16, 8-20
Coastal Zone Management	16-1
Construction Activity	17-2
Construction Impacts	17-26, 17-30, 17-45, 17-52
Contaminated Materials	14-2, 14-13, 14-23
Economic Conditions	5-16, 5-19, 5-25
Historic Resources	7-17, 7-25
Land Use, Zoning, and Public Policy	3-24, 3-36, 3-42
Natural Resources	15-14, 15-22, 15-28, 15-33
Noise Impacts	11-9
Preferred Alternative	2-23
Property Acquisition and Displacement	5-31
Safety Measures	20-3
Social Conditions	4-14, 4-26, 4-31
Visual and Aesthetic Considerations	6-13, 6-18, 6-26
Labor Force Forecasts	
Long Island Transportation Corridor	4-3, 4-20
Long Island	
Air Quality	10-9, 10-10
Coastal Zone Management	16-4
Construction Activity	17-20
Economic Conditions	5-2, 5-13, 5-19, 5-25
Land Use, Zoning, and Public Policy	3-18, 3-36, 3-41
Natural Resources	15-1, 15-15, 15-24, 15-29, 15-33, 15-35
Noise Impacts	11-5, 11-14, 11-20, 11-25
Parking (LIRR Stations)	9A-7, 9E-16, 9E-17, 9E-29
Safety Measures	20-4
Social Conditions	4-8, 4-25, 4-29
Traffic Impacts	9A-7, 9E-12
Long Island City/Sunnyside (see also Sunnyside Station)	
Construction Impacts	17-26, 17-43, 17-46, 17-50
Contaminated Materials	14-2, 14-21
Economic Conditions	5-11, 5-19, 5-24
Historic Resources	7-9, 7-15, 7-24, 7-26
Land Use, Zoning, and Public Policy	3-7, 3-16, 3-35, 3-40
Noise Impacts	11-20
Preferred Alternative	2-18
Transportation Systems Management (TSM) Alternative	2-5
Social Conditions	4-5, 4-25, 4-29
Sunnyside Station (Preferred Alternative)	2-20

- Transportation Impacts 9A-6, 9D-1, 9D-4, 9D-5
- Utilities 13-3
- Long Island Storage Yards (see also Babylon Site, Cerro Wire Site, Pilgrim Hospital Site, Riverhead Site, Ronkonkoma Site, Yaphank East Site, Yaphank West Site)
 - Air Quality 10-17
 - Archaeological Resources 8-6, 8-17, 8-20, 8-21
 - Coastal Zone Management 16-2
 - Construction Activity 17-20
 - Construction Impacts 17-26, 17-31, 17-45, 17-52
 - Contaminated Materials 14-2, 14-16, 14-19, 14-23
 - Description 2-3, 2-26
 - Displacement 5-36
 - Economic Conditions 5-16, 5-19, 5-25
 - Historic Resources 7-17, 7-25, 7-26
 - Land Use, Zoning, and Public Policy 3-25, 3-37, 3-43, 3-46
 - Natural Resources 15-15, 15-19, 15-20, 15-24, 15-25, 15-29, 15-32, 15-33, 15-35
 - Noise Impacts 11-10
 - Preferred Alternative 2-26
 - Property Acquisition and Displacement 5-36
 - Safety Measures 20-3
 - Social Conditions 4-15, 4-26, 4-31
 - Utilities 13-4
 - Visual and Aesthetic Considerations 6-15, 6-19, 6-27
- Long Island Transportation Corridor
 - Economic Conditions 5-5, 5-16, 5-22
 - Land Use 3-8, 3-38, 3-39
 - Regional Transportation Network 1-2, 1-4
- Manhattan
 - Air Quality 10-14
 - Archaeological Resources 8-5, 8-8, 8-19
 - Construction Activity 17-2
 - Construction Impacts 17-1, 17-25, 17-28, 17-31, 17-39, 17-46, 17-50
 - Contaminated Materials 14-1, 14-7, 14-21
 - Displacement 5-26
 - East Side Access at Grand Central Terminal 2-11
 - Economic Conditions 5-7, 5-18, 5-22
 - Historic Resources 7-9, 7-26
 - Land Use, Zoning, and Public Policy 3-6, 3-8, 3-31, 3-40
 - Manhattan Track Alignment 2-16
 - Natural Resources 15-12, 15-20, 15-26, 15-32
 - No Action Alternative 2-1
 - Property Acquisition and Displacement 5-25
 - Social Conditions 4-2, 4-23, 4-29
 - Transportation Impacts 9C-1
 - Transportation Systems Management (TSM) Alternative 2-5
 - Utilities 13-2, 13-3
 - Vibration Impacts 11-32
 - Visual and Aesthetic Considerations 6-2, 6-18, 6-21
 - Zoning 3-15
- Maspeth Yard
 - Air Quality 10-9, 10-17
 - Coastal Zone Management 16-1
 - Construction Activity 17-10
 - Construction Impacts 17-26, 17-30, 17-45, 17-52
 - Contaminated Materials 14-2, 14-12, 14-22
 - Economic Conditions 5-16, 5-19, 5-25
 - Land Use, Zoning, and Public Policy 3-22, 3-36, 3-42
 - Natural Resources 15-13, 15-21, 15-27, 15-33
 - Noise Impacts 11-9
 - Preferred Alternative 2-23
 - Safety Measures 20-3
 - Social Conditions 4-12, 4-26, 4-30
 - Visual and Aesthetic Considerations 6-12, 6-18, 6-25
- Metro-North Railroad
 - Grand Central North 1-22
 - Impacts During Construction 17-33
 - Operations in GCT 1-3, 9C-5
 - Penn Station Access 1-21
 - Preferred Alternative, effects on 9C-37
 - Projects 1-22
 - Relocation of Trains to Highbridge Yard 2-23, 17-2
- New York & Atlantic Railway (NYAR) (see also Blissville Yard, Fresh Pond Yard, Maspeth Yard, Replacement Yards)
 - Contaminated Materials 14-24
 - Operations at Yard A 1-5
 - Relocation 2-24
- Newcomers High School
 - Construction Impacts 17-26, 17-51
- NJ Transit
 - Impacts During Construction 17-36
 - Midtown Direct Service 1-24

MTA/LIRR East Side Access FEIS

Operations in Penn Station	1-3	Utilities	13-4
Operations in Queens	2-19, 9B-2, 9C-6	Visual and Aesthetic Considerations	6-17, 6-20, 6-28
Preferred Alternative, effects on	9B-9, 9C-6, 9C-37	Population Forecasts	
Secaucus Transfer	1-25	Manhattan	4-5, 4-24
No Action Alternative		Long Island	4-9
Air Quality	10-13	Long Island City/Sunnyside	4-7, 4-26
Archaeological Resources	8-18	Long Island Storage Yards	4-17
Construction Activity	17-1	Long Island Transportation Corridor	4-20
Contaminated Materials	14-20	Replacement Yards	4-11, 4-26
Description	2-1	Preferred Alternative	
Economic Conditions	5-20	Air Quality	10-14, 10-18
Energy Consumption	12-1	Archaeological Resources	8-5, 8-18, 8-20
Environmental Justice	18-3	At Grade Crossing Safety	20-5
Historic Resources	7-19	Construction Activity	17-2
Land Use, Zoning, and Public Policy	3-38	Construction Impacts	17-20
LIRR Operations	2-2	Contaminated Materials	14-1, 14-20
Natural Resources	15-19, 15-31	Costs	2-30, 22-16
Noise Impacts	11-18	Displacement	5-25
Parking (LIRR Stations)	9E-16	Economic Conditions	5-22
Social Conditions	4-27	Energy Consumption	12-2
Transportation Impacts	9C-20, 9D-4, 9E-12	Environmental Justice	18-1
Utilities	13-1	Extension of NYCT Lines at Sunnyside Yard	2-20
Vibration Impacts	11-32	Funding	22-14
Visual and Aesthetic Considerations	6-19	Grand Central Terminal	2-11
Penn Station		Harold Interlocking Improvements	2-21
Farley Post Office Conversion	1-25	Historic Resources	7-19
History of	3-4	Land Use, Zoning, and Public Policy	3-39
LIRR Terminal	1-4, 9B-1	LIRR Operations	2-25
MNR Penn Station Access	1-21	Maintenance and Storage Requirements	2-26
No Action Service at	2-2	Manhattan Track Alignment	2-16
Preferred Alternative	9A-2, 9B-6	Midday Train Storage Facilities at Yard A	2-19
Subways	9B-6	Natural Resources	15-20, 15-33
Pilgrim Hospital Site (see also Long Island Storage Yards)		Noise Impacts	11-20
Air Quality	10-17	Operations	9B-5
Archaeological Resources	8-17, 8-20	Option 1	2-13, 2-16
Construction Activity	17-20	Option 2	2-14, 2-17
Construction Impacts	17-26, 17-31, 17-45, 17-52	Overview	2-9
Contaminated Materials	14-2, 14-18, 14-19, 14-24	Parking (LIRR Stations)	9E-29
Economic Conditions	5-19, 5-25	Purpose and Need	1-1
Historic Resources	7-17-19, 7-26	Queens Track Alignment	2-18
Land Use, Zoning, and Public Policy	3-29, 3-37, 3-45	Replacement Yards (see also Blissville Yard, Fresh Pond Yard, Highbridge Yard, Maspeth Yard)	2-23, 2-25
Natural Resources	15-17, 15-25, 15-30, 15-34, 15-35	Rolling Stock	2-26
Noise Impacts	11-10	Safety Measures	20-2
Preferred Alternative	2-26	63rd Street Tunnel	2-17
Safety Measures	20-3	Social Conditions	4-29
Social Conditions	4-19, 4-26, 4-32	Substations	2-21

- Sunnyside Station 2-20
- Transportation Impacts 9B-3, 9C-32, 9D-5, 9E-22
- Utilities 13-2
- Ventilation Facilities 2-22
- Vibration Impacts 11-32
- Visual and Aesthetic Considerations 6-8, 6-21
- Yard A 2-19
- Project Background
 - Major Investment Study (MIS) 2-1
 - Screening of Prior Alternatives 2-30
- Queens
 - Archaeological Resources 8-5, 8-11, 8-19, 8-21
 - Coastal Zone Management 16-1
 - Construction Activity 17-10, 17-11, 17-16
 - Construction Impacts 17-23, 17-26, 17-30, 17-36, 17-43, 17-46, 17-50, 17-59
 - Contaminated Materials 14-2, 14-21
 - Displacement 5-29
 - Historic Resources 7-9, 7-15, 7-24, 7-26
 - Natural Resources 15-12, 15-20, 15-26, 15-32
 - Noise Impacts 11-5, 11-14, 11-20
 - Parking (LIRR Stations) 9E-16, 9E-17, 9E-29
 - Property Acquisition and Displacement 5-29
 - Queens Track Alignment 2-18
 - Safety Measures 20-2
 - Transportation Impacts 9A-6, 9D-5
 - Utilities 13-3
 - Vibration Impacts 11-34
 - Visual and Aesthetic Considerations 6-5, 6-8, 6-18, 6-20, 6-23
- Relocation
 - Manhattan 5-25
 - Queens 5-29
- Replacement Yards (see Blissville Yard, Fresh Pond Yard, Highbridge Yard, Maspeth Yard)
- Ridership Forecasts 9B-2
- Riverhead Site (see also Long Island Storage Yards)
 - Air Quality 10-17
 - Archaeological Resources 8-17, 8-20
 - Coastal Zone Management 16-2
 - Construction Activity 17-20
 - Construction Impacts 17-26, 17-31, 17-45, 17-52
 - Contaminated Materials 14-2, 14-18, 14-19, 14-24
 - Economic Conditions 5-16, 5-25
 - Land Use, Zoning, and Public Policy 3-30, 3-37, 3-45
 - Natural Resources 15-18, 15-25, 15-31, 15-34, 15-35
 - Noise Impacts 11-10
 - Preferred Alternative 2-26
 - Property Acquisition and Displacement 5-38
 - Safety Measures 20-3
 - Social Conditions 4-19, 4-26, 4-33
 - Utilities 13-4
 - Visual and Aesthetic Considerations 6-17, 6-19, 6-28
- Rolling Stock 2-26
- Ronkonkoma Site (see also Long Island Storage Yards)
 - Air Quality 10-17
 - Archaeological Resources 8-17, 8-20
 - Construction Activity 17-20
 - Construction Impacts 17-26, 17-31, 17-45, 17-52
 - Contaminated Materials 14-2, 14-18, 14-23
 - Economic Conditions 5-16, 5-25
 - Land Use, Zoning, and Public Policy 3-28, 3-44
 - Natural Resources 15-17, 15-24, 15-30, 15-34, 15-35
 - Noise Impacts 11-10
 - Preferred Alternative 2-26
 - Safety Measures 20-3
 - Social Conditions 4-18, 4-26, 4-32
 - Utilities 13-4
 - Visual and Aesthetic Considerations 6-16, 6-19, 6-27
- Roosevelt Island 3-41
 - Archaeological Resources 8-6, 8-14, 8-20
 - Construction Activity 17-10
 - Construction Impacts 17-23, 17-30, 17-43
 - Contaminated Materials 14-15, 14-23
- Secondary Impacts 19-2
- 63rd Street Tunnel
 - Construction Activity 17-8
 - Construction Impacts 17-38
 - Preferred Alternative 2-17
 - Safety Measures 20-2
- Subways
 - Existing Network 1-6, 9B-1, 9C-9
 - Extension at Sunnyside Yard 2-20
 - Ridership/Capacity 1-10, 9B-6
 - Second Avenue Subway/MESA 1-20, 9A-5, 9C-50, 19-11

MTA/LIRR East Side Access FEIS

- Impacts During Construction 17-37
 - Lexington Avenue Line
 - Preferred Alternative, effects on 9A-5, 9C-45
 - Existing Conditions 9C-9
 - No Action Condition 9C-23
 - NYCT Projects 1-23
 - Other Subway Lines
 - Preferred Alternative, effects on 9A-6, 9B-6, 9C-52, 9D-3
 - Sunnyside Station
 - Construction Activity 7-26, 17-16, 17-26, 17-44
 - Description 2-20
 - Energy Consumption 12-3
 - Safety Measures 20-4
 - Transportation Impacts 9D-1
 - Transportation Systems Management (TSM)
 - Alternative
 - Air Quality 10-13
 - Archaeological Resources 8-4, 8-18
 - Construction Activity 17-1
 - Contaminated Materials 14-20
 - Costs 2-8
 - Description 2-5
 - Economic Conditions 5-21
 - Energy Consumption 12-1
 - Environmental Justice 18-3
 - Historic Resources 7-19
 - Land Use, Zoning, and Public Policy 3-39
 - Natural Resources 15-19, 15-32
 - Noise Impacts 11-20
 - Operations 9B-5
 - Parking (LIRR Stations) 9E-17
 - Social Conditions 4-28
 - Transportation Impacts 9C-31, 9D-4, 9E-17
 - Utilities 13-1
 - Vibration Impacts 11-32
 - Visual and Aesthetic Considerations 6-6, 6-20
 - Yaphank East Site (see also Long Island Storage Yards)
 - Air Quality 10-17
 - Archaeological Resources 8-17, 8-20
 - Coastal Zone Management 16-4
 - Construction Activity 17-20
 - Construction Impacts 17-26, 17-31, 17-45, 17-52
 - Contaminated Materials 14-2, 14-17, 14-23
 - Economic Conditions 5-16, 5-25
 - Land Use, Zoning, and Public Policy 3-27, 3-37, 3-44, 3-46
 - Natural Resources 15-15, 15-24, 15-29, 15-33
 - Noise Impacts 11-10
 - Preferred Alternative 2-26
 - Property Acquisition and Displacement 5-38
 - Safety Measures 20-3
 - Social Conditions 4-17, 4-26, 4-32, 4-33
 - Utilities 13-4
 - Visual and Aesthetic Considerations 6-16, 6-19, 6-27, 6-28
- Yaphank West Site (see also Long Island Storage Yards)
- Air Quality 10-17
 - Archaeological Resources 8-17, 8-20
 - Construction Activity 17-20
 - Construction Impacts 17-26, 17-31, 17-45, 17-52
 - Contaminated Materials 14-2, 14-23
 - Economic Conditions 5-16, 5-25
 - Historic Resources 7-17, 7-25
 - Land Use, Zoning, and Public Policy 3-28, 3-37, 3-44, 3-46
 - Natural Resources 15-17, 15-24, 15-30, 15-34, 17-35
 - Noise Impacts 11-10
 - Preferred Alternative 2-26
 - Property Acquisition and Displacement 5-38
 - Safety Measures 20-3
 - Social Conditions 4-18, 4-26, 4-32
 - Utilities 13-4
 - Visual and Aesthetic Considerations 6-16, 6-19, 6-27
- Yard A/Sunnyside Yard
- Archaeological Resources 8-5, 8-19, 8-21
 - Construction Activity 17-11, 17-14, 17-18
 - Construction Impacts 17-23, 17-26, 17-30, 17-43, 17-50, 17-59
 - Contaminated Materials 14-2, 14-7, 14-9, 14-19, 14-21
 - Existing Conditions 2-18
 - Historic Resources 7-9, 7-15, 7-24, 7-26
 - Natural Resources 15-12, 15-20, 15-26, 15-32
 - Property Acquisition and Displacement 5-29
 - Safety Measures 20-3
 - Utilities 13-3
 - Visual and Aesthetic Considerations 6-5, 6-8, 6-18, 6-20, 6-23 ❖