

Table of Contents

Foreword.....	F-1
Executive Summary.....	S-1
1: Project Description	1-1
A. Introduction	1-1
B. Description of the Rezoning Area.....	1-1
Proposed Development Site	1-1
Projected Future Development Site.....	1-3
Potential Development Site.....	1-3
City-Owned Site.....	1-3
Description of the Surrounding Area	1-3
East Harlem Rezoning.....	1-4
C. Description of the Proposed Project.....	1-4
Proposed Development Site	1-4
Projected Future Development Site.....	1-7
Potential Development Site.....	1-9
City-Owned Site.....	1-9
D. Purpose and Need.....	1-9
E. Discretionary and Other Approvals.....	1-10
Restrictive Declaration.....	1-11
F. Analysis Framework for Environmental Review.....	1-11
Build Year	1-12
No Action Scenario	1-12
With Action Scenario	1-12
G. Environmental Review Process.....	1-14
2: Land Use, Zoning, and Public Policy.....	2-1
A. Introduction	2-1
Principal Conclusions.....	2-1
B. Methodology	2-2
C. Existing Conditions.....	2-2
Land Use	2-2
Zoning	2-5
Public Policy	2-9
D. Future Without the Proposed Project	2-10
Land Use	2-11
Zoning and Public Policy	2-11
E. Future With the Proposed Project	2-12
Land Use	2-12

Zoning.....	2-15
Public Policy.....	2-17
3: Socioeconomic Conditions.....	3-1
A. Introduction	3-1
Principal Conclusions	3-1
B. Methodology.....	3-4
Analysis Format.....	3-4
Proposed and Projected Future Development Sites.....	3-4
Study Area Definition.....	3-5
Data Sources	3-5
C. Screening Assessment	3-6
D. Preliminary Assessment	3-8
Direct Business Displacement	3-8
Indirect Residential Displacement.....	3-15
Indirect Business Displacement.....	3-23
Adverse Effects On Specific Industries	3-26
4: Community Facilities and Services	4-1
A. Introduction	4-1
Principal Conclusions	4-1
B. Preliminary Screening Analysis	4-2
Direct Effects	4-2
Indirect Effects.....	4-2
C. Public Schools	4-3
Methodology.....	4-3
Existing Conditions	4-5
Future Without the Proposed Project—2023.....	4-6
Future With the Proposed Project—2023	4-8
Future Without the Proposed Project—2026.....	4-9
Future With the Proposed Project—2026.....	4-10
D. Public Libraries	4-11
Methodology.....	4-11
Existing Conditions	4-12
Future Without the Proposed Project—2023.....	4-13
Future With the Proposed Project—2023	4-13
Future Without the Proposed Project—2026.....	4-14
Future With the Proposed Project—2026.....	4-15
E. Child Care Services	4-16
Methodology.....	4-16
Existing Conditions	4-17
Future Without the Proposed Project—2023.....	4-19
Future With the Proposed Project—2023	4-19
Future Without the Proposed Project—2026.....	4-20
Future With the Proposed Project—2026.....	4-20
F. Health Care Facilities	4-21
Methodology.....	4-21
Existing Conditions	4-21

Table of Contents

5: Open Space.....	5-1
A. Introduction	5-1
Principal Conclusions.....	5-1
B. Methodology	5-3
Definition of Open Space	5-3
Direct Effects.....	5-3
Indirect Effects	5-3
Study Area.....	5-4
Impact Assessment.....	5-4
C. Existing Conditions.....	5-5
Study Area Population	5-5
Inventory of Publicly Accessible Open Space	5-6
Assessment of Open Space Adequacy	5-9
D. Future Without the Proposed Project	5-11
2023 No Action Scenario	5-11
2026 No Action Scenario	5-13
E. Future With the Proposed Project	5-14
2023 With Action Scenario	5-14
2026 With Action Scenario	5-16
6: Shadows.....	6-1
A. Introduction	6-1
Principal Conclusions.....	6-1
B. Definitions and Methodology	6-1
Definitions.....	6-1
Methodology	6-2
C. Preliminary Screening Assessment	6-3
Tier 1 Screening Assessment	6-3
Tier 2 Screening Assessment	6-4
Tier 3 Screening Assessment	6-4
D. Detailed Analysis	6-5
Shadows and the Four Seasons	6-6
Determination of Impact Significance	6-7
Assessment of Shadow Effects By Resource	6-7
Project-Generated Open Space.....	6-14
Non-Sunlight Sensitive Resources	6-14
Conclusion.....	6-15
7: Historic and Cultural Resources	7-1
A. Introduction	7-1
Principal Conclusions.....	7-1
B. Methodology	7-1
C. Existing Conditions.....	7-2
Rezoning Area.....	7-2
Study Area.....	7-4
D. Future Without the Proposed Project	7-6
E. Future With the Proposed Project	7-7
Rezoning Area.....	7-7

Projected Future Development Site	7-8
Potential Development Site	7-8
City-Owned Site	7-8
Study Area	7-9
8: Urban Design and Visual Resources	8-1
A. Introduction	8-1
Principal Conclusions	8-1
B. Preliminary Assessment	8-2
C. Methodology.....	8-3
D. Existing Conditions	8-3
Urban Design.....	8-3
Visual Resources/View Corridors	8-7
E. Future Without the Proposed Project.....	8-9
Rezoning Area	8-9
Study Area	8-9
F. Future With the Proposed Project.....	8-9
Urban Design.....	8-9
Visual Resources/View Corridors	8-13
9: Hazardous Materials	9-1
A. Introduction	9-1
Principal Conclusions	9-2
B. Potential Contaminants of Concern.....	9-3
C. Existing Conditions	9-4
Subsurface Conditions	9-4
Hazardous Materials Assessment	9-4
D. Future Without the Proposed Project.....	9-7
E. Future With the Proposed Project.....	9-7
10: Water and Sewer Infrastructure	10-1
A. Introduction	10-1
Principal Conclusions	10-1
B. Methodology.....	10-2
Water Supply	10-2
Wastewater and Stormwater Conveyance and Treatment	10-2
C. Existing Conditions	10-2
Conveyance System.....	10-2
Sanitary Flows	10-3
Stormwater Flows.....	10-3
D. Future Without the Proposed Project.....	10-4
Conveyance System.....	10-4
Sanitary Flows	10-5
Stormwater Flows.....	10-5
E. Future With the Proposed Project.....	10-5
Conveyance System.....	10-5
Sanitary Flows	10-6
Stormwater Flows.....	10-6

Table of Contents

11: Solid Waste and Sanitation Services	11-1
A. Introduction	11-1
Principal Conclusions.....	11-1
B. Methodology	11-2
C. Existing Conditions.....	11-2
Current Solid Waste Sanitation Services.....	11-2
Solid Waste Generation Within Rezoning Area.....	11-4
D. Future Without the Proposed Project	11-5
E. Future With the Proposed Project	11-6
12: Energy.....	12-1
A. Introduction	12-1
Principal Conclusions.....	12-1
B. Methodology	12-1
C. Existing Conditions.....	12-2
Energy Generation.....	12-2
Rezoning Area Energy Consumption.....	12-2
D. Future Without the Proposed Project	12-3
E. Future With the Proposed Project	12-3
13: Transportation	13-1
A. Introduction	13-1
Proposed Development Site	13-1
Projected Future Development Site.....	13-3
Potential Development Site.....	13-3
City-Owned Site.....	13-3
Rezoning Area Total	13-3
Principal Conclusions.....	13-4
B. Preliminary Analysis Methodology and Screening Assessment.....	13-7
Level 1 Screening Assessment	13-7
Level 2 Screening Assessment	13-11
C. Transportation Analysis Methodologies	13-18
Traffic Operations	13-18
Transit Operations	13-19
Pedestrian Operations.....	13-21
Vehicular and Pedestrian Safety Evaluation	13-24
Parking Conditions Assessment	13-24
D. Detailed Traffic Analysis	13-25
Existing Conditions	13-25
Future Without the Proposed Project (2023/Phase 1 Completion)	13-29
Future With the Proposed Project (2023/Phase 1 Completion).....	13-34
Future Without the Proposed Project (2026/Full Build)	13-39
Future With the Proposed Project (2026/Full Build)	13-44
E. Detailed Transit Analysis.....	13-50
Subway Service	13-50
Existing Conditions	13-50
Future Without the Proposed Project (2023/Phase 1 Completion)	13-52
Future With the Proposed Project (2023/Phase 1 Completion).....	13-53

Lenox Terrace

Future Without the Proposed Project (2026/Full Build).....	13-54
Future With the Proposed Project (2026/Full Build).....	13-55
F. Detailed Pedestrian Analysis	13-56
Existing Conditions	13-57
Future Without the Proposed Project (2023/Phase 1 Completion).....	13-58
Future With the Proposed Project (2023/Phase 1 Completion).....	13-61
Future Without the Proposed Project (2026/Full Build).....	13-63
Future With the Proposed Project (2026/Full Build).....	13-65
G. Vehicular and Pedestrian Safety Evaluation.....	13-67
Lenox Avenue and West 135th Street	13-67
Fifth Avenue and 132nd Street	13-67
H. Parking Assessment.....	13-69
2017 Existing Conditions	13-69
Future Without the Proposed Project (2023/Phase 1 Completion).....	13-71
Future With the Proposed Project (2023/Phase 1 Completion).....	13-71
Future Without the Proposed Project (2026/Full Build).....	13-74
Future With the Proposed Project (2026/Full Build).....	13-74
14: Air Quality.....	14-1
A. Introduction	14-1
Principal Conclusions	14-1
B. Pollutants for Analysis.....	14-2
Carbon Monoxide	14-2
Nitrogen Oxides, VOCs, and Ozone.....	14-3
Lead	14-3
Respirable Particulate Matter – PM ₁₀ and PM _{2.5}	14-3
Sulfur Dioxide	14-4
C. Air Quality Standards, Regulations and Benchmarks	14-4
National and State Air Quality Standards.....	14-4
NAAQS Attainment Status and State Implementation Plans	14-6
Determining the Significance of Air Quality Impacts	14-7
D. Methodology for Predicting Pollutant Concentrations	14-8
Mobile Sources	14-8
Stationary Sources	14-10
E. Existing Conditions	14-16
F. Future Without the Proposed Project.....	14-17
G. Future With the Proposed Project.....	14-17
Mobile Sources	14-17
Stationary Sources	14-18
Additional Sources.....	14-20
15: Greenhouse Gas Emissions and Climate Change	15-1
A. Introduction	15-1
Principal Conclusions	15-1
B. Greenhouse Gas Emissions	15-2
Pollutants of Concern	15-2
Policy, Regulations, Standards, and Benchmarks for Reducing GHG Emissions.....	15-4
Methodology.....	15-6

Table of Contents

Projected GHG Emissions.....	15-10
Elements That Would Reduce GHG Emissions.....	15-12
C. Resilience to Climate Change	15-13
Development of Policy to Improve Climate Change Resilience.....	15-13
Resilience of the Proposed Project to Climate Change	15-15
16: Noise.....	16-1
A. Introduction.....	16-1
Principal Conclusions.....	16-1
B. Acoustical Fundamentals	16-2
A-Weighted Sound Level (dBA).....	16-2
Sound Level Descriptors	16-3
C. Noise Standards and Criteria.....	16-3
New York CEQR Noise Criteria.....	16-3
D. Existing Noise Levels	16-5
Noise Monitoring	16-5
Equipment Used During Noise Monitoring	16-5
Noise Measurement Results	16-6
E. Noise Prediction Methodology	16-7
General Methodology	16-7
F. Future Without the Proposed Project	16-8
G. Future With the Proposed Project	16-10
Traffic Noise/Proportional Model	16-10
School Playground Contribution	16-11
H. Noise Attenuation Measures	16-11
I. Mechanical Systems.....	16-12
17: Public Health.....	17-1
A. Introduction	17-1
Principal Conclusions.....	17-1
B. Methodology	17-2
C. Public Health Assessment	17-2
Chronic Exposure to High Levels of Noise.....	17-2
Prolonged Exposure to Noise Levels Above 85 dBA	17-3
Unpredictable Exposure to Short-Term High Noise Levels.....	17-3
18: Neighborhood Character	18-1
A. Introduction.....	18-1
Principal Conclusions.....	18-2
B. Methodology	18-3
C. Preliminary Assessment	18-3
Defining Features	18-3
Assessment of the Potential to Affect the Defining Features of the Neighborhood.....	18-5
19: Construction.....	19-1
A. Introduction.....	19-1
Principal Conclusions.....	19-1
B. Governmental Coordination and Oversight	19-6

Lenox Terrace

C.	Construction Schedule.....	19-7
D.	Description of Construction Activities.....	19-8
	General Construction Practices.....	19-8
	General Construction Stages.....	19-10
	Number of Construction Workers and Material Deliveries.....	19-12
E.	Future Without the Proposed Project.....	19-13
F.	Future With the Proposed Project.....	19-13
	Transportation.....	19-13
	Air Quality.....	19-45
	Noise.....	19-52
	Vibration.....	19-93
	Other Technical Areas	19-95
20:	Alternatives.....	20-1
A.	Introduction	20-1
	Principal Conclusions	20-1
B.	No Action Alternative	20-2
	Alternative Identification.....	20-2
	Land Use, Zoning, and Public Policy	20-2
	Socioeconomic Conditions	20-2
	Community Facilities and Services	20-4
	Open Space.....	20-4
	Shadows.....	20-4
	Historic and Cultural Resources	20-4
	Urban Design and Visual Resources	20-4
	Hazardous Materials	20-5
	Water and Sewer Infrastructure	20-5
	Solid Waste and Sanitation Services	20-5
	Energy.....	20-5
	Transportation.....	20-5
	Air Quality	20-6
	Climate Change	20-6
	Noise	20-6
	Neighborhood Character.....	20-7
	Construction.....	20-7
C.	No Unmitigated Significant Adverse Impacts Alternative	20-7
	Alternative Identification.....	20-7
	Open Space	20-8
	Pedestrians	20-8
	Construction.....	20-8
21:	Mitigation.....	21-1
A.	Introduction	21-1
B.	Principal Conclusions	21-1
	Shadows.....	21-1
	Open Space	21-1
	Historic and Cultural Resources	21-2
	Transportation.....	21-2

Table of Contents

Construction	21-4
C. Shadows	21-5
D. Open Space	21-6
E. Historic and Cultural Resources.....	21-6
F. Transportation	21-8
Traffic.....	21-8
Pedestrians.....	21-27
G. Construction	21-28
Traffic.....	21-28
Pedestrians.....	21-29
Noise	21-29
22: Unavoidable Adverse Impacts	22-1
A. Introduction	22-1
B. Shadows	22-1
C. Open Space	22-1
D. Historic and Cultural Resources.....	22-2
E. Pedestrians	22-2
F. Construction	22-2
Pedestrians.....	22-2
Noise	22-3
23: Growth-Inducing Aspects of the Proposed Project	23-1
A. Introduction	23-1
24: Irreversible and Irretrievable Commitments of Resources	24-1
A. Introduction	24-1
25: Responses to Comments On the Draft EIS.....	25-1
A. Introduction	25-1
B. List of Organizations and Individuals Who Commented On the Draft Environmental Impact Statement.....	25-1
Elected Officials	25-1
Community Boards	25-2
Organizations and Businesses	25-2
General Public	25-2
C. Comments and Responses	25-3
Project Description.....	25-3
Land Use, Zoning, and Public Policy	25-19
Socioeconomic Conditions.....	25-23
Community Facilities	25-34
Open Space.....	25-37
Shadows	25-39
Historic and Cultural Resources.....	25-40
Urban Design and Visual Resources	25-45
Solid Waste and Sanitation	25-49
Transportation	25-49
Air Quality.....	25-57

Lenox Terrace

Greenhouse Gas Emissions and Climate Change	25-58
Public Health	25-59
Neighborhood Character.....	25-61
Construction.....	25-63
Mitigation	25-67
Alternatives.....	25-68
Miscellaneous	25-69

APPENDIX A: NO BUILD PROJECTS

APPENDIX B: LPC CORRESPONDENCE

APPENDIX C: CONSTRUCTION NOISE SURVEY RESULTS

APPENDIX D: HAZARDOUS MATERIALS

**APPENDIX E: WRITTEN COMMENTS RECEIVED ON THE DRAFT
ENVIRONMENTAL IMPACT STATEMENT**

List of Tables

List of Tables

S-1	Lots Within Rezoning Area	S-2
S-2	Program for Proposed Development Site	S-5
S-3	Comparison of No Action and With Action Scenarios.....	S-12
S-4	Summary of Significant Adverse Traffic Impacts 2023 With Action Scenario	S-26
S-5	Summary of Significant Adverse Traffic Impacts 2026 With Action Scenario	S-27
S-6	Summary of Significant Adverse Pedestrian Impacts 2023 With Action Scenario.....	S-28
S-7	Summary of Significant Adverse Pedestrian Impacts 2026 With Action Scenario.....	S-28
S-8	Summary of High Crash Locations.....	S-28
1-1	Lots Within Rezoning Area	1-2
1-2	Program for Proposed Development Site	1-5
1-3	Comparison of No Action and With Action Scenarios.....	1-8
2-1	Lots Within Rezoning Area	2-3
2-2	Land Uses in the Study Area	2-4
2-3	Zoning Districts in the Study Area	2-9
2-4	No Build Projects Within Land Use Study Area	2-12
3-1	2015 Private Employment in Socioeconomic Study Area, Manhattan, and New York City .	3-9
3-2	Private Businesses and Employees Directly Displaced by the Proposed Project	3-11
3-3	Average Annual Household Income (2006-2010, 2012-2016 ACS).....	3-16
3-4	Distribution of Household Incomes (2012–2016 ACS).....	3-16
3-5	Median Household Income (2006-2010, 2012-2016 ACS)	3-17
3-6	Median Gross Rent (2006-2010, 2012–2016 ACS).....	3-17
3-7	Median Asking Rents in the Study Area.....	3-18
3-8	Imputed Household Income By DU Type/Median Rental Rates.....	3-18
3-9	2018 New York City Area Median Income (AMI).....	3-19
3-10	2018 New York City Affordable Monthly Rents By Rental Tier.....	3-20
3-11	Study Area Population Estimates and Projections.....	3-20
3-12	Projected Incremental Population By 2026 Under RWCDS	3-21

Lenox Terrace

3-13	Median Gross Rent, ¼ Mile Study Area (2006-2010, 2012–2016 ACS).....	3-22
3-14	Median Asking Rents in the ¼ Mile Study Area	3-22
3-15	Imputed Household Income by DU Type/Median Rental Rates for ¼ Mile Study Area...3-22	
3-16	Existing Land Uses and Incremental Land Uses in the With Action Condition	3-24
4-1	Preliminary Screening Analysis Criteria: Manhattan.....	4-3
4-2	Public School Enrollment, Capacity, and Utilization: Existing Conditions.....	4-5
4-3	Estimated Public School Enrollment, Capacity, and Utilization: 2023 No Action Scenario ..4-6	
4-4	Estimated Public School Enrollment, Capacity, and Utilization: 2023 With Action Scenario.....	4-9
4-5	Estimated Public School Enrollment, Capacity, and Utilization: 2026 No Action Scenario 4-10	
4-6	Estimated Public School Enrollment, Capacity, and Utilization: 2026 With Action Scenario.....	4-11
4-7	Public Libraries Serving the Study Area: Existing Conditions	4-12
4-8	Catchment Area Population: 2023 No Action Scenario.....	4-13
4-9	Catchment Area Population: 2023 With Action Scenario.....	4-14
4-10	Catchment Area Population: 2026 No Action Scenario.....	4-15
4-11	Catchment Area Population: 2026 With Action Scenario.....	4-16
4-12	Publicly Funded Child Care Facilities Serving the Study Area	4-18
4-13	Estimated Public Child Care Facility Enrollment, Capacity, and Utilization in 2023	4-19
4-14	Estimated Public Child Care Facility Enrollment, Capacity, and Utilization in 2026.....	4-20
4-15	Hospitals Serving the Project Area	4-21
4-16	Outpatient Facilities Serving the Project Area	4-23
5-1	Study Area Residential Population.....	5-5
5-2	Study Area Residential Population Age Distribution.....	5-6
5-3	Inventory of Publicly Accessible Open Space in the Study Area	5-7
5-4	Adequacy of Open Space Resources: Existing Conditions.....	5-9
5-5	Community Gardens in the Study Area	5-11
5-6	Adequacy of Open Space Resources: 2023 No Action Scenario	5-12
5-7	Adequacy of Open Space Resources: 2026 No Action Scenario	5-13
5-8	Adequacy of Open Space Resources: 2023 With Action Scenario	5-15
5-9	2023 Open Space Ratio Summary.....	5-15
5-10	Adequacy of Open Space Resources: 2026 With Action Scenario	5-17
5-11	2026 Open Space Ratio Summary.....	5-17

List of Tables

6-1	Incremental Shadow Durations On Sunlight-Sensitive Resources	6-6
9-1	Study Site Tax Block and Lot Numbers	9-1
10-1	Existing Water Consumption and Sewage Generation	10-4
10-2	Existing Surface Coverage.....	10-4
10-3	No Action Water Consumption and Sewage Generation.....	10-5
10-4	With Action Water Consumption and Sewage Generation	10-6
10-5	Surface Coverage in With Action Condition	10-7
10-6	DEP Flow Volume Matrix: No Action and With Action Volume Comparison	10-7
11-1	Existing Solid Waste Generation Within Rezoning Area	11-5
11-2	No Action Solid Waste Generation Within Rezoning Area	11-5
11-3	With Action Solid Waste Generation Within Rezoning Area	11-6
11-4	Comparison of Solid Waste Generation Within Rezoning Area	11-7
12-1	Existing Annual Energy Consumption for the Rezoning Area.....	12-3
12-2	No Action Annual Energy Consumption for the Rezoning Area	12-3
12-3	Projected Energy Consumption in the Future With the Proposed Project.....	12-4
13-1	Comparison of No Action and With Action Scenarios.....	13-2
13-2	Summary of Significant Adverse Traffic Impacts 2023 With Action (Phase 1 Completion) Condition	13-4
13-3	Summary of Significant Adverse Traffic Impacts 2026 With Action (Full Build) Condition	13-5
13-4	Summary of Significant Adverse Pedestrian Impacts 2023 With Action Condition...	13-6
13-5	Summary of Significant Adverse Pedestrian Impacts 2026 With Action Condition...	13-6
13-6	Summary of High Crash Locations.....	13-6
13-7	Travel Demand Assumptions.....	13-8
13-8	Trip Generation Summary: 2023 With Action Incremental Trips	13-10
13-9	Trip Generation Summary: 2026 With Action Incremental Trips	13-10
13-10	Traffic Level 2 Screening Analysis Results—Selected Analysis Locations	13-14
13-11	Pedestrian Level 2 Screening Analysis Results—Selected Analysis Locations	13-15
13-12	Level of Service Criteria for Signalized Intersections	13-18
13-13	Level of Service Criteria for Subway Station Elements	13-19
13-14	Significant Impact Guidance for Stairs and Passageways	13-20
13-15	Level of Service Criteria for Pedestrian Elements.....	13-22
13-16	Significant Impact Guidance for Sidewalks.....	13-23

Lenox Terrace

13-17	Significant Impact Guidance for Corners and Crosswalks.....	13-24
13-18	Summary of Existing Traffic Analysis Results	13-26
13-19	Existing Conditions Level of Service Analysis Signalized Intersections.....	13-27
13-20	No Build Projects	13-29
13-21	Summary of 2023 No Action Traffic Analysis Results.....	13-31
13-22	Existing and 2023 No Action Conditions Level of Service Analysis Signalized Intersections	13-32
13-23	Summary of 2023 With Action Traffic Analysis Results	13-35
13-24	2023 No Action and With Action Conditions Level of Service Analysis Signalized Intersections and Driveways	13-36
13-25	Summary of 2026 No Action Traffic Analysis Results.....	13-40
13-26	Existing and 2026 No Action Conditions Level of Service Analysis Signalized Intersections	13-41
13-27	Summary of 2026 With Action Traffic Analysis Results	13-45
13-28	2026 No Action and With Action Conditions Level of Service Analysis Signalized Intersections and Driveways	13-48
13-29	2017 Existing Conditions Subway Vertical Circulation Element Analysis 135th Street Station	13-50
13-30	2017 Existing Conditions Fare Array Analysis 135th Street Station	13-50
13-31	2017 Existing Conditions Subway Line-Haul Analysis No. 2 and 3 Lines	13-51
13-32	2023 No Action Condition Subway Vertical Circulation Element Analysis 135th Street Station	13-52
13-33	2023 No Action Condition Fare Array Analysis 135th Street Station	13-52
13-34	2023 No Action Condition Subway Line-Haul Analysis No. 2 and 3 Lines.....	13-53
13-35	2023 With Action Condition Subway Vertical Circulation Element Analysis 135th Street Station	13-53
13-36	2023 With Action Condition Fare Array Analysis 135th Street Station	13-53
13-37	2023 With Action Condition Subway Line-Haul Analysis No. 2 and 3 Lines	13-54
13-38	2026 No Action Condition Subway Vertical Circulation Element Analysis 135th Street Station	13-54
13-39	2026 No Action Condition Fare Array Analysis: 135th Street Station	13-55
13-40	2026 No Action Condition Subway Line-Haul Analysis: No. 2 and 3 Lines	13-55
13-41	2026 With Action Condition Subway Vertical Circulation Element Analysis 135th Street Station	13-56
13-42	2026 With Action Condition Fare Array Analysis 135th Street Station	13-56
13-43	2026 With Action Condition Subway Line-Haul Analysis No. 2 and 3 Lines	13-56

List of Tables

13-44	2017 Existing Conditions: Sidewalk Analysis.....	13-57
13-45	2017 Existing Conditions: Corner Analysis	13-58
13-46	2017 Existing Conditions: Crosswalk Analysis.....	13-58
13-47	2023 No Action Condition: Sidewalk Analysis.....	13-59
13-48	2023 No Action Condition: Corner Analysis.....	13-60
13-49	2023 No Action Condition: Crosswalk Analysis.....	13-60
13-50	2023 With Action Condition: Sidewalk Analysis.....	13-61
13-51	2023 With Action Condition: Corner Analysis.....	13-62
13-52	2023 With Action Condition: Crosswalk Analysis.....	13-62
13-53	2026 No Action Condition: Sidewalk Analysis.....	13-63
13-54	2026 No Action Condition: Corner Analysis.....	13-64
13-55	2026 No Action Condition: Crosswalk Analysis.....	13-64
13-56	2026 With Action Condition: Sidewalk Analysis.....	13-65
13-57	2026 With Action Condition: Corner Analysis.....	13-66
13-58	2026 With Action Condition: Crosswalk Analysis.....	13-66
13-59	Crash Summary.....	13-68
13-60	Vehicle and Pedestrian Crash Details	13-68
13-61	On-Street Parking Regulations	13-69
13-62	2017 Existing Off-Street Public Parking—½-Mile Study Area.....	13-70
13-63	2017 Existing and 2023 No Action Parking Supply and Utilization—½-Mile Study Area..	13-71
13-64	2023 With Action Incremental Parking Demand—Weekday.....	13-72
13-65	2023 With Action Incremental Parking Demand—Saturday	13-73
13-66	2023 No Action and With Action Parking Supply and Utilization—½-Mile Study Area	13-73
13-67	2017 Existing and 2026 No Action Parking Supply and Utilization— ½-Mile Study Area..	13-74
13-68	2026 With Action Incremental Parking Demand—Weekday.....	13-75
13-69	2026 With Action Incremental Parking Demand—Saturday	13-76
13-70	2026 No Action and With Action Parking Supply and Utilization— ½-Mile Study Area	13-76
14-1	National Ambient Air Quality Standards (NAAQS)	14-5
14-2	Maximum Background Pollutant Concentrations for Mobile Source Parking Analysis .	14-10
14-3a	Heating and Hot Water Systems Stack Parameters and Emission Rates –Buildings NW and SW.....	14-11
14-3b	Heating and Hot Water Systems Stack Parameters and Emission Rates – Buildings N, NE, and SE, Projected Future Development Site and Potential Development Site	14-12

Lenox Terrace

14-4	Maximum Background Pollutant Concentrations	14-14
14-5	Harlem Hospital Center Boiler Stack Parameters and Emission Rates.....	14-16
14-6	Representative Monitored Ambient Air Quality Data.....	14-17
14-7	Future Maximum Modeled Pollutant Concentrations Project-On-Existing ($\mu\text{g}/\text{m}^3$)..	14-18
14-8	Future Maximum Modeled Pollutant Concentrations Project-On-Project ($\mu\text{g}/\text{m}^3$)....	14-19
14-9	Maximum Modeled Pollutant Concentrations On the Proposed Project from Harlem Hospital Center ($\mu\text{g}/\text{m}^3$)	14-21
15-1	Global Warming Potential (GWP) for Major GHGs.....	15-4
15-2	Vehicle Miles Traveled Per Year	15-8
15-3	Annual Building Operational Emissions—Proposed Project, Full Build-Out	15-10
15-4	Annual Mobile Source Emissions—Proposed Project, Full Build-Out (Metric Tons CO ₂ e).....	15-10
15-5	GHG Emissions from Construction—Proposed Project (Metric Tons CO ₂ e).....	15-11
15-6	Summary of Annual GHG Emissions (Metric Tons CO ₂ e)	15-11
16-1	Common Noise Levels	16-2
16-2	Noise Exposure Guidelines for Use in City Environmental Impact Review	16-3
16-3	Required Attenuation Values to Achieve Acceptable Interior Noise Levels	16-5
16-4	Noise Receptor Locations	16-5
16-5	Existing Noise Levels in dBA	16-6
16-6	Reference Playground Boundary Noise L _{eq(1)} Noise Levels (dBA)	16-8
16-7	2026 No Action Condition Noise Levels (in dBA).....	16-9
16-8	2026 With Action Condition Noise Levels (in dBA).....	16-10
16-9	Noise Levels Due to the Playgrounds (in dBA)	16-11
16-10	CEQR Building Attenuation Requirements in dBA.....	16-12
19-1	Summary of Primary Agency Construction Oversight	19-6
19-2	Anticipated Construction Schedule	19-7
19-3	Average Number of Daily Workers and Trucks By Year and Quarter, Phase 1	19-12
19-4	Average Number of Daily Workers and Trucks By Year and Quarter, Phase 2	19-13
19-5	Peak Construction Vehicle Trip Projections (Phase 1)	19-15
19-6	Peak Construction Vehicle Trip Projections (Phase 2)	19-15
19-7	Comparison of Incremental Construction (Phase 1) and Operational Peak Period Vehicle Trips in PCEs	19-16
19-8	Comparison of Incremental Construction (Phase 2) and Operational Peak Period Vehicle Trips in PCEs	19-16

List of Tables

19-9	Phase 1 Operational and Phase 2 Construction Cumulative Peak Period Vehicle Trips in PCEs	19-17
19-10	2022 Phase 1 Construction With Action Condition— Summary of Significant Adverse Traffic Impacts.....	19-18
19-11	2022 Phase 1 Construction With Action Condition— Recommended Mitigation Measures: Weekday Pm Construction Peak Hour	19-21
19-12a	2022 Phase 1 Construction No Action, With Action, and Mitigation Condition Level of Service Analysis Weekday Am Construction Peak Hour.....	19-21
19-12b	2022 Phase 1 Construction No Action, With Action, and Mitigation Condition Level of Service Analysis Weekday Pm Construction Peak Hour.....	19-23
19-13	2024 Phase 2 Construction With Action Condition— Summary of Significant Adverse Traffic Impacts.....	19-25
19-14	2024 Phase 2 Construction With Action Condition— Recommended Mitigation Measures: Weekday Pm Construction Peak Hour	19-26
19-15a	2024 Phase 2 Construction No Action, With Action, and Mitigation Conditions Level of Service Analysis Weekday Am Construction Peak Hour.....	19-27
19-15b	2024 Phase 2 Construction No Action, With Action, and Mitigation Conditions Level of Service Analysis Weekday Pm Construction Peak Hour.....	19-29
19-16	Operational (2023) and Construction Cumulative Peak Period Transit Trips	19-32
19-17	Comparison of Incremental Construction and Operational Peak Period Pedestrian Trips	19-33
19-18	2022 Phase 1 Construction Pedestrian Level 2 Screening Analysis Results	19-34
19-19	Operational (2023) and Construction Cumulative Peak Period Pedestrian Trips in PCEs	19-36
19-20	2024 Phase 2 Construction With Phase 1 Operational Pedestrian Level 2 Screening Analysis Results.....	19-37
19-21	2022 Construction No Action Condition: Crosswalk Analysis	19-40
19-22	2022 Phase 1 Construction Condition: Crosswalk Analysis.....	19-40
19-23	2024 Construction No Action Condition: Sidewalk Analysis	19-41
19-24	2024 Construction No Action Condition: Corner Analysis	19-41
19-25	2024 Construction No Action Condition: Crosswalk Analysis	19-41
19-26	2024 Phase 2 Construction Condition: Sidewalk Analysis.....	19-41
19-27	2024 Phase 2 Construction Condition: Corner Analysis	19-42
19-28	2024 Phase 2 Construction Condition: Crosswalk Analysis.....	19-42
19-29	Maximum Pollutant Concentrations Proposed Buildings NW, SW, and NE and Midrise Central Podium	19-48
19-30	Pollutant Concentrations Projected Future Development Site.....	19-48

Lenox Terrace

19-31	Typical Construction Equipment Noise Emission Levels (dBA).....	19-53
19-32	Noise Receptors By Location and Land Use.....	19-55
19-33	Noise Survey Results in dBA.....	19-60
19-34	Construction Noise Analysis Results in dBA.....	19-57
19-35	Construction Noise Exposure At Project Buildings in dBA	19-87
19-36	Vibration Source Levels for Construction Equipment	19-91
21-1	Summary of Significant Adverse Traffic Impacts 2023 With Action Condition.....	21-3
21-2	Summary of Significant Adverse Traffic Impacts 2026 With Action Condition.....	21-3
21-3	Summary of Significant Adverse Pedestrian Impacts 2023 With Action Condition ...	21-4
21-4	Summary of Significant Adverse Pedestrian Impacts 2026 With Action Condition ...	21-4
21-5	Recommended Mitigation Measures 2023 With Action—Weekday AM Peak Hour..	21-9
21-6	Recommended Mitigation Measures 2023 With Action—Weekday Midday Peak Hour	21-9
21-7	Recommended Mitigation Measures 2023 With Action—Weekday PM Peak Hour	21-10
21-8	Recommended Mitigation Measures 2023 With Action—Saturday Peak Hour.....	21-11
21-9	2023 No Action, With Action, and Mitigation Conditions Level of Service Analysis Weekday AM Peak Hour	21-12
21-10	2023 No Action, With Action, and Mitigation Conditions Level of Service Analysis Weekday Midday Peak Hour	21-13
21-11	2023 No Action, With Action, and Mitigation Conditions Level of Service Analysis Weekday PM Peak Hour.....	21-14
21-12	2023 No Action, With Action, and Mitigation Conditions Level of Service Analysis Saturday Peak Hour.....	21-15
21-13	Recommended Mitigation Measures 2026 With Action—Weekday AM Peak Hour	21-18
21-14	Recommended Mitigation Measures 2026 With Action—Weekday Midday Peak Hour	21-19
21-15	Recommended Mitigation Measures 2026 With Action—Weekday PM Peak Hour	21-19
21-16	Recommended Mitigation Measures 2026 With Action—Saturday Peak Hour.....	21-20
21-17	2026 No Action, With Action, and Mitigation Conditions Level of Service Analysis Weekday AM Peak Hour	21-21
21-18	2026 No Action, With Action, and Mitigation Conditions Level of Service Analysis Weekday Midday Peak Hour	21-22
21-19	2026 No Action, With Action, and Mitigation Conditions Level of Service Analysis Weekday PM Peak Hour	21-23
21-20	2026 No Action, With Action, and Mitigation Conditions Level of Service Analysis Saturday Peak Hour.....	21-24

List of Tables

21-21	2023 No Action, With Action, and Mitigation Conditions Pedestrian Level of Service Analysis	21-27
21-22	2026 No Action, With Action, and Mitigation Conditions Pedestrian Level of Service Analysis	21-28

List of Figures

	<i>following page</i>	
S-1	Project Location	S-2
S-2	Aerial Photo of Existing Conditions	S-2
S-3	Existing and Proposed Zoning	S-2
S-4	Existing Site Plan	S-2
S-5	Proposed/Projected Site Plan (2026).....	S-6
S-6	Illustrative Rendering of Proposed Project	S-6
S-7	Illustrative Rendering of Proposed Project	S-6
S-8a	Area of Project Requiring Proposed Modifications	S-6
S-8b	Area of Project Requiring Proposed Modifications	S-6
S-9	Proposed Site Plan (2023)	S-7
S-10	Proposed MIH Zoning Map	S-9
1-1	Project Location	1-1
1-2	Aerial Photo of Existing Conditions	1-1
1-3	Existing and Proposed Zoning	1-2
1-4	Existing Site Plan	1-2
1-5	Proposed/Projected Site Plan (2026).....	1-5
1-6	Illustrative Rendering of Proposed Project	1-5
1-7	Illustrative Rendering of Proposed Project	1-5
1-8a	Area of Project Requiring Proposed Modifications	1-6
1-8b	Area of Project Requiring Proposed Modifications	1-6
1-9	Proposed Site Plan (2023)	1-7
1-10	Proposed MIH Zoning Map	1-10
2-1	Existing Land Use	2-2
2-2	Zoning	2-5
2-3	Federal Empowerment Zones.....	2-10
2-4	NYC Coastal Zone Boundary	2-10
2-5	No Build Projects	2-11
3-1	Socioeconomic Study Area	3-3
3-2	Quarter-mile Study Area	3-21
4-1	Elementary and Intermediate Public Schools.....	4-3
4-2	Libraries	4-12
4-3	Publicly Funded Child Care Centers	4-17
4-4	Health Care Facilities	4-21

List of Figures

5-1	Open Space Resources.....	5-4
5-2	Private Open Space Plan 2026 Analysis Year	5-17
6-1	Tier 1 & 2 Assessments	6-3
6-2	Tier 3 Assessment.....	6-4
6-3	Tier 3 Assessment.....	6-4
6-4	Abraham Lincoln Playground March 21/September 21	6-5
6-5	Abraham Lincoln Playground May 6/August 6.....	6-5
6-6	Abraham Lincoln Playground May 6/August 6.....	6-5
6-7	Abraham Lincoln Playground June 21	6-5
6-8	Abraham Lincoln Playground June 21	6-5
6-9	Solar Exposure Analysis Abraham Lincoln Playground May 6/August 6	6-5
6-10	Solar Exposure Analysis Abraham Lincoln Playground June 21	6-5
6-11	Howard Bennett Playgroud December 21	6-5
6-12	Howard Bennett Playgroud December 21	6-5
6-13	Howard Bennett Playgroud December 21	6-5
6-14	Howard Bennett Playgroud March 21/September 21	6-5
6-15	Howard Bennett Playgroud March 21/September 21	6-5
6-16	Howard Bennett Playgroud March 21/September 21	6-5
6-17	Howard Bennett Playgroud May 6/August 6.....	6-5
6-18	Howard Bennett Playgroud May 6/August 6.....	6-5
6-19	Howard Bennett Playgroud June 21	6-5
6-20	Howard Bennett Playgroud June 21	6-5
6-21	Solar Exposure Analysis Howard Bennett Playgroud December 21	6-5
6-22	Solar Exposure Analysis Howard Bennett Playgroud March 21/September 21	6-5
6-23	Solar Exposure Analysis Howard Bennett Playgroud May 6/August 6	6-5
6-24	Solar Exposure Analysis Howard Bennett Playgroud June 21	6-5
6-25	132nd St Block Association Park March 21/September 21	6-5
6-26	132nd St Block Association Park May 6/August 6.....	6-5
6-27	132nd St Block Association Park June 21	6-5
6-28	Solar Exposure Analysis 132nd St Block Association Park May 6/August 6	6-5
6-29	Harlem Grown East December 21	6-5
6-30	Harlem Grown East March 21/September 21	6-5
6-31	Harlem Grown Gardens West March 21/September 21	6-5
6-32	Harlem Valley Garden December 21.....	6-5
6-33	Margrichantie Garden December 21.....	6-5
6-34	Seventh Avenue Center Plots December 21	6-5
6-35	Harlem River Park June 21	6-5
6-36	Friendship Baptist Church May 6 / August 6	6-5
7-1	Architectural Resources Reference Map	7-2
7-2	Proposed Development Site.....	7-3
7-3	Proposed Development Site.....	7-3
7-4	Known and Potential Architectural Resources	7-3

Lenox Terrace

7-5	Known Architectural Resources in Study Area	7-4
7-6	Known Architectural Resources in Study Area	7-5
7-7	Known Architectural Resources in Study Area	7-5
7-8	Known Architectural Resources in Study Area	7-5
7-9	Potential Architectural Resources in Study Area	7-6
8-1	Urban Design and Visual Resources Reference Map.....	8-3
8-2	Aerial Map	8-3
8-3	Built FAR Within Rezoning Area.....	8-3
8-4	Built FAR Within Study Area.....	8-3
8-5	Lot Coverage Within Rezoning Area.....	8-3
8-6	Lot Coverage Within Study Area.....	8-3
8-7	Building Heights in the Rezoning Area	8-3
8-8	Building Heights in the Study Area	8-3
8-9	Build Years in the Rezoning Area.....	8-3
8-10	Build Years in the Study Area.....	8-3
8-11	Photographs of Proposed Development Site and Rezoning Area	8-3
8-12	Photographs of Proposed Development Site and Rezoning Area	8-3
8-13	Photographs of Proposed Development Site and Rezoning Area	8-3
8-14	Photographs of Proposed Development Site, Rezoning Area, and Study Area	8-4
8-15	Study Area Photographs.....	8-5
8-16	Study Area Photographs.....	8-5
8-17	Study Area Photographs.....	8-6
8-18	Study Area Photographs.....	8-6
8-19	Study Area Photographs.....	8-7
8-20	Study Area Photographs.....	8-7
8-21	Study Area Photographs.....	8-8
8-22	Study Area Photographs.....	8-8
8-23	Illustrative Rendering of Proposed Project View South on Fifth Avenue from East 137th Street	8-10
8-24	Illustrative Rendering of Proposed Project View West on 135th Street from Harlem River Park	8-10
8-25	Illustrative Rendering of Proposed Project View North on Lenox Avenue from 128th Street	8-10
8-26	Illustrative Rendering of Proposed Project View South on Lenox Avenue from 137th Street	8-10
8-27	Illustrative Rendering of Proposed Project—View East From Lenox Avenue near West 133rd Street	8-10
8-28	Illustrative Rendering of Proposed Project View Through Open Space	8-10
8-29	Illustrative Rendering of Proposed Project View Through Open Space	8-10
8-30	Illustrative Rendering of Proposed Project Aerial View To Open Space	8-10
8-31	Illustrative Rendering of With Action Condition—View East On 135th Street	8-11

List of Figures

8-32	Illustrative Rendering of With Action Condition—View East on 135th Street at Lenox Avenue	8-11
8-33	Illustrative Rendering of With Action Condition View South on Lenox Terrace from West 135th Street.....	8-12
13-1	Proposed/Projected Site Plan (2026)	13-2
13-2	Proposed Site Plan (2023).....	13-3
13-3	Transit Study Area Map.....	13-10
13-4	2023 Phase 1 Incremental Vehicle Trips - Weekday AM Peak Hour.....	13-13
13-5	2023 Phase 1 Incremental Vehicle Trips - Weekday Midday Peak Hour.....	13-13
13-6	2023 Phase 1 Incremental Vehicle Trips - Weekday PM Peak Hour	13-13
13-7	2023 Phase 1 Incremental Vehicle Trips - Saturday Peak Hour.....	13-13
13-8	2026 Full Build Incremental Vehicle Trips - Weekday AM Peak Hour.....	13-13
13-9	2026 Full Build Incremental Vehicle Trips - Weekday Midday Peak Hour.....	13-13
13-10	2026 Full Build Incremental Vehicle Trips - Weekday PM Peak Hour	13-13
13-11	2026 Full Build Incremental Vehicle Trips - Saturday Peak Hour.....	13-13
13-12	Traffic Analysis Locations.....	13-13
13-13	2023 Phase 1 Incremental Pedestrian Trips Weekday AM Peak Hour.....	13-15
13-14	2023 Phase 1 Incremental Pedestrian Trips Weekday Midday Peak Hour.....	13-15
13-15	2023 Phase 1 Incremental Pedestrian Trips Weekday PM Peak Hour	13-15
13-16	2023 Phase 1 Incremental Pedestrian Trips Saturday Peak Hour	13-15
13-17	2026 Full Build Incremental Pedestrian Trips Weekday AM Peak Hour.....	13-15
13-18	2026 Full Build Incremental Pedestrian Trips Weekday Midday Peak Hour.....	13-15
13-19	2026 Full Build Incremental Pedestrian Trips Weekday PM Peak Hour	13-15
13-20	2026 Full Build Incremental Pedestrian Trips Saturday Peak Hour	13-15
13-21	Pedestrian Analysis Locations	13-15
13-22	2017 Existing Traffic Volumes—Weekday AM Peak Hour	13-26
13-23	2017 Existing Traffic Volumes—Weekday Midday Peak Hour	13-26
13-24	2017 Existing Traffic Volumes—Weekday PM Peak Hour	13-26
13-25	2017 Existing Traffic Volumes—Saturday Peak Hour.....	13-26
13-26	No Build Projects.....	13-29
13-27	2023 No Action Traffic Volumes—Weekday AM Peak Hour.....	13-31
13-28	2023 No Action Traffic Volumes—Weekday Midday Peak Hour	13-31
13-29	2023 No Action Traffic Volumes—Weekday PM Peak Hour	13-31
13-30	2023 No Action Traffic Volumes—Saturday Peak Hour	13-31
13-31	2023 With Action Traffic Volumes—Weekday AM Peak Hour.....	13-35
13-32	2023 With Action Traffic Volumes—Weekday Midday Peak Hour.....	13-35
13-33	2023 With Action Traffic Volumes—Weekday PM Peak Hour	13-35
13-34	2023 With Action Traffic Volumes—Saturday Peak Hour	13-35
13-35	2026 No Action Traffic Volumes—Weekday AM Peak Hour.....	13-40
13-36	2026 No Action Traffic Volumes—Weekday Midday Peak Hour.....	13-40
13-37	2026 No Action Traffic Volumes—Weekday PM Peak Hour	13-40
13-38	2026 No Action Traffic Volumes—Saturday Peak Hour	13-40

Lenox Terrace

13-39	2026 With Action Traffic Volumes—Weekday AM Peak Hour	13-45
13-40	2026 With Action Traffic Volumes—Weekday Midday Peak Hour	13-45
13-41	2026 With Action Traffic Volumes—Weekday PM Peak Hour.....	13-45
13-42	2026 With Action Traffic Volumes—Saturday Peak Hour	13-45
13-43	2017 Existing Pedestrian Volumes Weekday AM Peak Hour	13-57
13-44	2017 Existing Pedestrian Volumes Weekday Midday Peak Hour	13-57
13-45	2017 Existing Pedestrian Volumes Weekday PM Peak Hour.....	13-57
13-46	2017 Existing Pedestrian Volumes Saturday Peak Hour	13-57
13-47	2023 No Action Pedestrian Volumes Weekday AM Peak Hour.....	13-59
13-48	2023 No Action Pedestrian Volumes Weekday Midday Peak Hour.....	13-59
13-49	2023 No Action Pedestrian Volumes Weekday PM Peak Hour	13-59
13-50	2023 No Action Pedestrian Volumes Saturday Peak Hour	13-59
13-51	2023 With Action Pedestrian Volumes Weekday AM Peak Hour.....	13-61
13-52	2023 With Action Pedestrian Volumes Weekday Midday Peak Hour.....	13-61
13-53	2023 With Action Pedestrian Volumes Weekday PM Peak Hour	13-61
13-54	2023 With Action Pedestrian Volumes Saturday Peak Hour	13-61
13-55	2026 No Action Pedestrian Volumes Weekday AM Peak Hour.....	13-63
13-56	2026 No Action Pedestrian Volumes Weekday Midday Peak Hour.....	13-63
13-57	2026 No Action Pedestrian Volumes Weekday PM Peak Hour	13-63
13-58	2026 No Action Pedestrian Volumes Saturday Peak Hour	13-63
13-59	2026 With Action Pedestrian Volumes Weekday AM Peak Hour.....	13-65
13-60	2026 With Action Pedestrian Volumes Weekday Midday Peak Ho	13-65
13-61	2026 With Action Pedestrian Volumes Weekday PM Peak Hour	13-65
13-62	2026 With Action Pedestrian Volumes Saturday Peak Hour	13-65
13-63	On-Street Parking.....	13-69
13-64	Off-Street Parking Facilities.....	13-69
16-1	Noise Receptor Locations	16-5
19-1	Construction Schedule.....	19-7
19-2	Phase 1 Construction PCE Vehicle Trips Weekday AM Construction Peak Hour....	19-17
19-3	Phase 1 Construction PCE Vehicle Trips Weekday PM Construction Peak Hour	19-17
19-4	Cumulative Phase 2 Construction and Phase 1 Operational PCE Vehicle Trips Weekday AM Construction Peak Hour.....	19-17
19-5	Cumulative Phase 2 Construction and Phase 1 Operational PCE Vehicle Trips Weekday PM Construction Peak H.....	19-17
19-6	Phase 1 and Phase 2 Construction Traffic Analysis Locations	19-17
19-7	2022 Phase 1 Construction No Action Traffic Volumes Weekday AM Construction Peak Hour.....	19-18
19-8	2022 Phase 1 Construction No Action Traffic Volumes Weekday PM Construction Peak Hour.....	19-18
19-9	2022 Phase 1 Construction With Action Traffic Volumes Weekday AM Construction Peak Hour.....	19-18

List of Figures

19-10	2022 Phase 1 Construction With Action Traffic Volumes Weekday PM Construction Peak Hour	19-18
19-11	2024 Phase 2 Construction No Action Traffic Volumes Weekday AM Construction Peak Hour	19-25
19-12	2024 Phase 2 Construction No Action Traffic Volumes Weekday PM Construction Peak Hour	19-25
19-13	2024 Phase 2 Construction With Action Traffic Volumes Weekday AM Construction Peak Hour	19-25
19-14	2024 Phase 2 Construction With Action Traffic Volumes Weekday PM Construction Peak Hour	19-25
19-15	Phase 1 Construction Pedestrian Trips Weekday AM Construction Peak Hour	19-33
19-16	Phase 1 Construction Pedestrian Trips Weekday PM Construction Peak Hour	19-33
19-17	Cumulative Phase 2 Construction and Phase 1 Operational Pedestrian Trips Weekday AM Construction Peak Hour	19-36
19-18	Cumulative Phase 2 Construction and Phase 1 Operational Pedestrian Trips Weekday PM Construction Peak Hour	19-36
19-19	Phase 1 and Phase 2 Construction - Pedestrian Analysis Locations	19-36
19-20	2022 Phase 1 Construction No Action Pedestrian Volumes Weekday AM Construction Peak Hour	19-39
19-21	2022 Phase 1 Construction No Action Pedestrian Volumes Weekday PM Construction Peak H	19-39
19-22	2022 Phase 1 Construction With Action Pedestrian Volumes Weekday AM Construction Peak Hour	19-40
19-23	2022 Phase 1 Construction With Action Pedestrian Volumes Weekday PM Construction Peak Hour	19-40
19-24	2024 Phase 2 Construction No Action Pedestrian Volumes Weekday AM Construction Peak Hour	19-40
19-25	2024 Phase 2 Construction No Action Pedestrian Volumes Weekday PM Construction Peak Hour	19-40
19-26	2024 Phase 2 Construction With Action Pedestrian Volumes Weekday AM Construction Peak Hour	19-40
19-27	2024 Phase 2 Construction With Action Pedestrian Volumes Weekday PM Construction Peak Hour	19-40
19-28	Construction Noise Receptor Locations	19-52

*