

Table of Contents

Executive Summary	S-1
1: Project Description	1-1
A. Introduction.....	1-1
B. Development and Project Sites	1-1
C. Project Program and Design.....	1-2
Single-Tenant Office Scenario	1-2
Multi-Tenant Office Scenario	1-4
Mass Transit Improvements	1-4
Sustainable Design	1-5
D. Proposed Actions	1-6
Zoning Map Amendment (ULURP No. 100047ZMM)	1-6
Zoning Text Amendments (ULURP No. N100048ZRM).....	1-6
Special Permits (ULURP Nos. 100049zsm and 100050ZSM)	1-7
Easements (ULURP No. 100237PQM).....	1-8
Other Approvals	1-8
E. Purpose and Need.....	1-8
Purpose and Need for the Proposed Project	1-8
Need for the Proposed Actions.....	1-9
F. Restrictive Declaration.....	1-10
2: Procedural and Analytical Framework.....	2-1
A. Introduction.....	2-1
B. Environmental Review Process.....	2-1
Coordination With Other Review Processes	2-2
C. Framework for Environmental Analyses	2-4
Scope of Environmental Analyses	2-4
Analysis Year	2-5
Definition of Study Areas	2-5
Defining Baseline Conditions	2-5
Defining the Action for Environmental Analysis.....	2-6
Mitigation.....	2-10
Alternatives	2-10
3: Land Use, Zoning, and Public Policy	3-1
A. Introduction.....	3-1
B. Methodology	3-1
C. Existing Conditions.....	3-2
Land Use	3-2
Zoning	3-6

Public Policy.....	3-13
D. The Future Without the Proposed Project	3-15
Land Use	3-15
Zoning and Public Policy.....	3-17
E. Probable Impacts of the Proposed Project	3-17
Land Use	3-17
Zoning and Public Policy.....	3-18
4: Socioeconomic Conditions.....	4-1
A. Introduction	4-1
B. Methodology.....	4-1
CEQR Overview.....	4-1
Determining Whether A Socioeconomic Assessment Is Appropriate	4-2
Analysis Format and Data Sources	4-3
C. Preliminary Assessment	4-4
Direct Residential Displacement	4-5
Direct Business and Institutional Displacement	4-5
Indirect Residential Displacement	4-5
Indirect Business and Institutional Displacement.....	4-7
Potential Effects On Specific Industries	4-19
D. Conclusions	4-20
Direct Residential Displacement	4-20
Direct Business and Institutional Displacement	4-20
Indirect Residential Displacement	4-20
Indirect Business and Institutional Displacement.....	4-21
Potential Effects On Specific Industries	4-21
5: Community Facilities.....	5-1
A. Introduction	5-1
B. Police and Fire Protection Services	5-1
Police Services.....	5-1
Fire Department Services	5-2
6: Open Space	6-1
A. Introduction	6-1
Principal Conclusions	6-1
B. Methodology.....	6-2
Direct Effects Analysis	6-2
Indirect Effects Analysis.....	6-3
C. Existing Conditions	6-5
Study Area Population.....	6-5
Study Area Open Spaces	6-5
Adequacy of Open Spaces	6-7
D. The Future Without the Proposed Project	6-9
Study Area Population.....	6-9
Study Area Open Spaces	6-9
Adequacy of Open Spaces	6-9
E. Probable Impacts of the Proposed Project	6-10
Direct Effects Analysis	6-10

Indirect Effects Analysis	6-10
7: Shadows.....	7-1
A. Introduction.....	7-1
B. Daily and Seasonal Variations in Shadows.....	7-1
C. Methodology	7-1
Analysis Framework	7-2
Analysis Tools and Data Sources.....	7-3
Determination of Impact Significance	7-3
D. Screening Analysis.....	7-3
E. Detailed Shadows Analysis.....	7-4
Penn South Houses.....	7-7
Chelsea, Elliot, and Chelsea Addition Houses	7-7
Chelsea Park.....	7-7
Farley Building Steps	7-8
Two Penn Plaza.....	7-8
One Penn Plaza.....	7-9
Herald Square.....	7-9
Probable Impacts On Historic Resources.....	7-10
8: Historic and Cultural Resources	8-1
A. Introduction.....	8-1
B. Background History	8-2
C. Existing Conditions.....	8-4
Project Site	8-4
Primary Study Area.....	8-5
Secondary Study Area.....	8-7
D. The Future Without the Proposed Project	8-9
No Action Building	8-9
Other Future Projects	8-10
E. Probable Impacts of the Proposed Project.....	8-11
Project Site	8-11
Primary Study Area.....	8-12
Secondary Study Area.....	8-14
9: Urban Design and Visual Resources	9-1
A. Introduction.....	9-1
B. Existing Conditions.....	9-4
Development Site	9-4
Project Site and Primary Study Area.....	9-4
Secondary Study Area.....	9-8
C. The Future Without the Proposed Project	9-10
Development Site	9-10
Project Site	9-11
Study Areas	9-11
Other Future Projects	9-11
D. Probable Impacts of the Proposed Project.....	9-12
Development Site	9-13
Project Site	9-14

Study Areas.....	9-14
10: Neighborhood Character.....	10-1
A. Introduction	10-1
Neighborhood Character Components.....	10-1
B. Existing Conditions	10-2
Development Site.....	10-2
Study Area	10-3
C. The Future Without the Proposed Project	10-5
Development Site.....	10-5
Study Area	10-5
D. Probable Impacts of the Proposed Project	10-6
Development Site.....	10-6
Study Area	10-7
11: Natural Resources	11-1
A. Introduction	11-1
B. Methodology.....	11-1
Study Area	11-1
Assessment of Existing and No Action Conditions.....	11-1
Assessment of Impacts On Natural Resources	11-2
C. Existing Conditions	11-2
Flora and Fauna	11-2
D. The Future Without the Proposed Project	11-3
E. Probable Impacts of the Proposed Project	11-3
F. Conclusions	11-6
G. Literature Cited.....	11-6
12: Hazardous Materials	12-1
A. Introduction	12-1
B. Phase I Environmental Site Assessment.....	12-1
C. Probable Impacts of the Proposed Project	12-2
13: Infrastructure.....	13-1
A. Introduction	13-1
B. Methodology.....	13-1
C. Existing Conditions	13-2
Water Supply	13-2
Sanitary Sewage.....	13-2
Wet Weather Conditions.....	13-4
D. The Future Without the Proposed Project	13-4
E. Probable Impacts of the Proposed Project	13-5
Water Supply	13-5
Sanitary Sewage.....	13-6
Wet Weather Conditions.....	13-7
F. Conclusion.....	13-8
Water Supply	13-8
Sanitary Sewage.....	13-8
Wet Weather Conditions.....	13-8

Sustainable Design Measures and PlaNYC.....	13-9
14: Solid Waste and Sanitation Services	14-1
A. Introduction.....	14-1
B. Existing Conditions	14-1
Solid Waste Services.....	14-1
Solid Waste Generation.....	14-2
C. The Future Without the Proposed Project	14-2
D. Probable Impacts of the Proposed Project.....	14-3
15: Energy.....	15-1
A. Introduction.....	15-1
B. Existing Conditions	15-1
Energy Supply	15-1
Energy Demand.....	15-2
C. The Future Without the Proposed Project	15-2
D. Probable Impacts of the Proposed Project.....	15-3
16: Traffic and Parking	16-1
A. Introduction.....	16-1
Principal Conclusions.....	16-1
B. Methodology	16-2
Overview	16-2
Study Area.....	16-3
Peak Hours for Analysis.....	16-4
Operational Analysis Methodology.....	16-4
Transportation Planning Factors	16-6
C. 2008 Existing Conditions	16-13
Roadway Characteristics	16-13
Study Area Roadways and Peak Hour Traffic Volumes	16-14
Level of Service Analysis	16-26
Parking	16-30
D. 2014 No Action	16-38
Roadway Modifications	16-38
Peak Hour Traffic Volumes	16-40
Level of Service Analysis	16-49
Parking	16-50
E. 2014 Future With the Proposed Project	16-51
Peak Hour Traffic Volumes	16-51
Level of Service Analysis	16-85
Significant Adverse Traffic Impacts	16-85
Parking	16-104
Traffic Safety.....	16-106
17: Transit and Pedestrians	17-1
A. Introduction.....	17-1
Principal Conclusions.....	17-1
B. Methodology	17-4
Overview	17-4

Transit Study Area	17-5
Pedestrian Study Area.....	17-5
Analysis Hours.....	17-8
Operational Analysis Methodology	17-8
Trip Generation.....	17-10
C. Existing Conditions	17-14
Transit Service	17-14
Study Area Subway Station Access & Circulation.....	17-19
Transit Elements	17-21
Subway Station Operations.....	17-21
Pedestrian Elements.....	17-22
Pedestrian Operations	17-22
D. 2014 No Action	17-30
Conditions for Analysis	17-30
Subway Station Operations.....	17-33
Pedestrian Operations	17-34
E. 2014 Future With the Proposed Project.....	17-40
Conditions for Analysis	17-40
Single-Tenant Office Scenario	17-42
Multi-Tenant Office Scenario.....	17-51
18: Air Quality and Greenhouse Gas Emissions	18-1
A. Air Quality.....	18-1
Introduction	18-1
Principal Conclusions	18-1
Pollutants for Analysis.....	18-2
Air Quality Regulations, Standards, and Benchmarks.....	18-4
Methodology for Predicting Pollutant Concentrations	18-9
Existing Conditions	18-16
Future Without the Proposed Project.....	18-17
Stationary Source Analysis.....	18-18
Probable Impacts of the Proposed Project	18-18
B. Greenhouse Gas Emissions	18-22
Introduction	18-22
Analysis Approach.....	18-23
Pollutants of Concern	18-24
Policy, Regulations, Standards, and Benchmarks.....	18-25
Methodology.....	18-27
Probable Emissions from the Proposed Project	18-32
Project Elements That Would Reduce GHG Emissions	18-34
Conclusion	18-36
19: Noise	19-1
A. Introduction	19-1
B. Noise Fundamentals	19-1
“A”-Weighted Sound Level (dBA).....	19-1
Ability to Perceive Changes in Noise Levels	19-1
C. Noise Standards and Criteria	19-3
New York City Noise Control Code.....	19-3

New York CEQR Noise Criteria	19-3
D. Impact Definition	19-4
E. Noise Prediction Methodology	19-5
Analysis Procedure.....	19-5
F. Existing Conditions.....	19-6
Site Description	19-6
Selection of Noise Receptor Locations	19-6
Noise Monitoring	19-6
Equipment Used During Noise Monitoring	19-6
Results of Baseline Measurements.....	19-6
G. The Future Without the Proposed Project	19-7
H. Probable Impacts of the Proposed Project.....	19-8
I. Noise Attenuation Measures	19-8
20: Construction Impacts	20-1
A. Introduction.....	20-1
Principal Conclusions.....	20-2
B. Overview of Construction Activities.....	20-5
General Construction Practices	20-5
Construction Methods and Activities	20-8
Conceptual Construction Phasing and Schedule	20-11
C. The Future Without the Proposed Project	20-12
Development Site and Project Site.....	20-12
Surrounding Area	20-14
D. Probable Impacts of the Proposed Project.....	20-14
Land Use and Neighborhood Character	20-14
Socioeconomic Conditions.....	20-15
Community Facilities	20-15
Open Space.....	20-15
Historic Resources.....	20-16
Traffic and Parking.....	20-16
Transit and Pedestrians.....	20-19
Air Quality.....	20-20
Noise	20-28
Determining Existing Noise Levels	20-33
Vibration	20-37
Cumulative Effects	20-39
21: Public Health.....	21-1
22: Mitigation	22-1
A. Introduction.....	22-1
B. Open Space	22-1
C. Traffic.....	22-1
34th Street Bus Rapid Transitway (BRT) and First Avenue/Second Avenue Select Bus Service (SBS) Corridors.....	22-33
Effects of Proposed Traffic Mitigation Measures On Air Quality and Noise	22-33
D. Transit and Pedestrians	22-35
Subway Stations	22-35

Pedestrian Elements.....	22-35
E. Construction-Period Noise	22-47
23: Unavoidable Adverse Impacts	23-1
A. Introduction	23-1
B. Open Space	23-1
C. Transit and Pedestrians.....	23-1
D. Construction-Period Noise	23-1
24: Alternatives.....	24-1
A. Introduction	24-1
Overview	24-1
Principal Conclusions	24-2
B. No Action Alternative	24-3
Description.....	24-3
No Action Alternative Compared With the Proposed Project	24-3
Conclusion	24-10
C. Hotel-Residential Alternative	24-10
Description of the Alternative	24-10
Hotel-Residential Alternative Compared With the Proposed Project.....	24-11
Conclusion	24-20
D. Cogeneration Energy Supply Alternative	24-20
Introduction	24-20
Feasibility Analysis Summary	24-20
Cogeneration Energy Supply Alternative Compared With the Proposed Project	24-21
Conclusion	24-25
E. No Unmitigated Significant Impacts Alternative	24-25
Open Space	24-25
Transit and Pedestrians	24-26
25: Growth-Inducing Aspects of the Proposed Project.....	25-1
26: Irreversible and Irretrievable Commitment of Resources.....	26-1
27: Conceptual Analysis of the Proposed Zoning Text Amendments.....	27-1
A. Introduction	27-1
B. Description of the Proposed Text Amendments	27-1
Introduction	27-1
Proposed Text Amendment Text	27-2
Purpose and Need for the Proposed Text Amendments	27-5
Areas of Applicability.....	27-7
C. Assessment of the Potential Effects of the Proposed Text Amendments	27-9
Methodology.....	27-9
Future Applicability.....	27-10
Environmental Effects	27-10

LIST OF APPENDICES

Appendix A: Zoning Text

Appendix B: Historic Resources

LPC 8-11-08

SHPO correspondence 10-30-03

LPC 10-29-03

LPC correspondence 3-26-08

Appendix C: Transportation Technical Memos and Analyses

C.1 Transportation Planning Assumptions

C.2 Traffic Volumes

C.3 Traffic Level of Service Tables

C.4 Transit Analyses

C.5 Pedestrian Analyses

C.6 No Action Changes Between DEIS and FEIS

Appendix D: Infrastructure

Appendix E: Air Quality and Greenhouse Gas Emissions

E.1 JBB Memorandum

E.2 Baseline Electricity and Steam

Appendix F: Noise

F.1 Noise Monitoring Results

F.2 Noise Analysis Results

F.3 Results at Receptors

Appendix G: Construction Noise

G.1 Construction Schedule

G.2 Equipment Information

G.3 Measured Existing Noise Levels

G.4 Predicted Existing Noise Levels

G.5 Noise Analysis Results

G.6 Noise Contour Maps

G.7 Vibration Calculations

Appendix H: Written Comments on the Draft Scope of Work and Transcript of Oral Testimony from the Public Scoping Hearing

H.1 Written Comments on the Draft Scope of Work

H.2 Transcript of Oral Testimony from the Public Scoping Hearing

[on CD only]

Appendix I: Written Comments on the DEIS, Manhattan Borough President's Recommendations, and Vornado Correspondence

I.1 Written Comments on the DEIS

I.2 Manhattan Borough President's Recommendations

I.3 Vornado Correspondence

[on CD only]

List of Tables

1-1	Proposed Building Program—Single-Tenant Office and Multi-Tenant Office Scenarios	1-3
2-1	Projects Under Construction or Expected to be Complete by 2014 ($\frac{1}{4}$ - and $\frac{1}{2}$ -Mile Study Areas).....	2-7
2-2	Projects Under Construction or Expected to be Complete by 2014 (Transportation Study Area).....	2-8
3-1	Development and Project Site Zoning Districts	3-7
3-2	Zoning Districts Located in the Primary Study Area	3-8
3-3	Zoning Districts Located in the Secondary Study Area	3-11
4-1	2000 and 2008 Private Sector Employment in the Study Area	4-9
5-1	Police Protection Services	5-2
5-2	Fire Protection Services	5-3
6-1	Existing Residential and Non-Residential Populations—2009 Estimate	6-5
6-2	Existing Conditions Open Space Inventory	6-6
6-3	Existing Conditions: Commercial Study Area Open Space Guidelines and Ratios for Combined Residential and Worker Populations.....	6-7
6-4	2014 No Action Condition: Commercial Study Area Open Space Guidelines and Ratios for Combined Residential and Worker Populations	6-10
6-5	2014 Future With the Proposed Project: Commercial Study Area Open Space Guidelines and Ratios for Combined Residential and Worker Populations.....	6-11
6-6	Open Space Ratio Summary	6-12
13-1	Monthly Average Actual Flows to the North River WPCP	13-3
13-2	Total Flow Volume to the Combined Sewer System: Existing Conditions	13-4
13-3	Projected Water Use and Sewage Generation: No Action Building	13-5
13-4	Total Flow Volume to the Combined Sewer System: No Action Condition	13-5
13-5	Projected Water Use and Sewage Generation: Single-Tenant Office Scenario	13-6
13-6	Projected Water Use and Sewage Generation: Multi-Tenant Office Scenario	13-6
13-7	Total Flow Volume to the Combined Sewer System: Single-Tenant Office Scenario	13-7
13-8	Total Flow Volume to the Combined Sewer System: Multi-Tenant Office Scenario	13-7
14-1	Existing Solid Waste Generation	14-2

14-2	No Action Building: Estimated Solid Waste Generation.....	14-2
14-3	Single-Tenant Office Scenario: Estimated Solid Waste Generation.....	14-3
14-4	Multi-Tenant Office Scenario: Estimated Solid Waste Generation.....	14-3
15-1	Existing Energy Consumption: Development Site	15-2
15-2	Projected Energy Consumption: No Action Project	15-2
15-3	Projected Energy Consumption: Single-Tenant Office Scenario.....	15-3
16-1	No Action Building Program	16-3
16-2	LOS Criteria for Signalized Intersections.....	16-4
16-3	Proposed Building Program–Single-Tenant Office and Multi-Tenant Office Scenarios....	16-7
16-4	Transportation Planning Assumptions	16-8
16-5	Future With the Proposed Project – Single-Tenant Office Scenario Incremental Peak Hour Person Trips Generated By Mode.....	16-9
16-6	Future With the Proposed Project – Multi-Tenant Office Scenario Incremental Peak Hour Person Trips Generated By Mode.....	16-10
16-7	Future With the Proposed Project – Single-Tenant Office Scenario Incremental Peak Hour Vehicle Trips Generated By Type	16-11
16-8	Future With the Proposed Project – Multi-Tenant Office Scenario Incremental Peak Hour Vehicle Trips Generated By Type	16-12
16-9	2008 Existing Conditions Number of Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F	16-26
16-10	2008 Existing Conditions Intersection Approach Movements Operating At Mid-LOS D, LOS E, or LOS F	16-30
16-11	2008 Existing Off-Street Parking Utilization.....	16-33
16-12	On-Street Parking Regulations	16-37
16-13	2014 No Action Number of Intersection Approach Movements At Mid-Los D, Los E, or LOS F.....	16-49
16-14	2014 No Action Intersection Approach Movements Operating At Mid-Los D, Los E, or LOS F.....	16-50
16-15	2014 No Action Off-Street Parking Utilization: Weekday Midday.....	16-51
16-16	2014 Future With the Proposed Project – Single-Tenant Office Scenario Number of Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F.....	16-85
16-17	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Number of Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F.....	16-85
16-18	2014 Future With the Proposed Project—Single-Tenant Office Scenario Number of Significantly Impacted Intersections.....	16-86
16-19	2014 Future With the Proposed Project—Single-Tenant Office Scenario Number of Significantly Impacted Approach Movements	16-86

15 Penn Plaza FEIS

16-20	2014 Future With the Proposed Project—Multi-Tenant Office Scenario Number of Significantly Impacted Intersections.....	16-86
16-21	2014 Future With the Proposed Project—Multi-Tenant Office Scenario Number of Significantly Impacted Approach Movements.....	16-87
16-22	2014 Future With the Proposed Project—Single-Tenant Office Scenario Weekday Am Peak Hour Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F ...	16-96
16-23	2014 Future With the Proposed Project—Single-Tenant Office Scenario Weekday Midday Peak Hour Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F.....	16-97
16-24	2014 Future With the Proposed Project—Single-Tenant Office Scenario Weekday Pm Peak Hour Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F ...	16-98
16-25	2014 Future With the Proposed Project—Single-Tenant Office Scenario Saturday Midday Peak Hour Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F.....	16-99
16-26	2014 Future With the Proposed Project—Multi-Tenant Office Scenario Weekday Am Peak Hour Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F .	16-100
16-27	2014 Future With the Proposed Project—Multi-Tenant Office Scenario Weekday Midday Peak Hour Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F.....	16-101
16-28	2014 Future With the Proposed Project—Multi-Tenant Office Scenario Weekday Pm Peak Hour Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F .	16-102
16-29	2014 Future With the Proposed Project—Multi-Tenant Office Scenario Saturday Midday Peak Hour Intersection Approach Movements At Mid-LOS D, LOS E, or LOS F.....	16-103
16-30	Hour-By-Hour Parking Accumulation: Single Tenant Office Scenario.....	16-104
16-31	Hour-By-Hour Parking Accumulation: Multi-Tenant Office Scenario.....	16-105
16-32	2014 Future With the Proposed Project: Off-Street Parking Utilization.....	16-106
16-33	2006 to 2008 Accident History	16-107
17-1	No Action Building Program	17-4
17-2	Level of Service Criteria for Subway Station Elements.....	17-8
17-3	Level of Service Criteria for Pedestrian Elements	17-10
17-4	Future With the Proposed Project, Single-Tenant Office Scenario Incremental Peak Hour Person Trips Generated By Mode	17-12
17-5	Future With the Proposed Project, Multi-Tenant Office Scenario Incremental Peak Hour Person Trips Generated By Mode	17-12
17-6	Proposed Project, Single-Tenant Office Scenario Incremental Peak Hour Person Trips Generated By Route	17-13
17-7	Future With the Proposed Project, Multi-Tenant Office Scenario Incremental Peak Hour Person Trips Generated By Route	17-14
17-8	Study Area Subway Service.....	17-15
17-9	Study Area Bus Service.....	17-17

17-10	2008 Existing Conditions Subway Control Area Elements Operating Near or Above Capacity	17-21
17-11	2008 Existing Conditions Subway Station Stairways at LOS D, E, or F.....	17-22
17-12	2008 Existing Conditions Summary of Pedestrian Element Los	17-23
17-13	2008 Existing Conditions Pedestrian Elements at LOS D, E, or F.....	17-28
17-14	2014 No Action Condition Trips Assigned By Subway Line.....	17-33
17-15	2014 No Action Condition Subway Control Area Elements Operating Above Capacity..	17-33
17-16	2014 No Action Condition Subway Station Stairways at LOS D, E, or F.....	17-34
17-17	2014 No Action Condition Summary of Pedestrian Element Los	17-34
17-18	2014 No Action Condition Pedestrian Elements at LOS D, E, or F.....	17-39
17-19	2014 Future With the Proposed Project – Single-Tenant Office Scenario Trips Assigned By Subway Line.....	17-42
17-20	2014 Future With the Proposed Project – Single-Tenant Office Scenario Subway Control Area Elements Near or Above Capacity.....	17-43
17-21	2014 Future With the Proposed Project – Single-Tenant Office Scenario Affected Subway Station Stairways	17-43
17-22	2014 Future With the Proposed Project – Single-Tenant Office Scenario Summary of Pedestrian Element Los	17-44
17-23	2014 Future With the Proposed Project – Single-Tenant Office Scenario Pedestrian Elements At Los D, E, or F.....	17-49
17-24	2014 Future With the Proposed Project – Single-Tenant Scenario Number of Significantly Impacted Pedestrian Elements	17-51
17-25	2014 Future With the Proposed Project – Single-Tenant Office Scenario Pedestrian Elements With Significant Adverse Impacts	17-51
17-26	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Trips Assigned By Subway Line.....	17-52
17-27	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Subway Control Area Elements Near or Above Capacity.....	17-52
17-28	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Affected Subway Station Stairways	17-53
17-29	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Summary of Pedestrian Element Los	17-53
17-30	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Pedestrian Elements At Los D, E, or F.....	17-58
17-31	2014 Future With the Proposed Project – Multi-Tenant Scenario Number of Significantly Impacted Pedestrian Elements	17-59
17-32	2014 Future With the Proposed Project - Multi-Tenant Office Scenario Pedestrian Elements With Significant Adverse Impacts	17-60

15 Penn Plaza FEIS

18a-1	National Ambient Air Quality Standards (NAAQS).....	18-5
18a-2	Mobile Source Analysis Intersection Locations.....	18-13
18a-3	Representative Monitored Ambient Air Quality Data.....	18-16
18a-4	Maximum Predicted Existing 8-Hour Average CO Concentrations for 2009.....	18-17
18a-5	Maximum Predicted Future (2014) 8-Hour Average CO No Action Concentrations	18-17
18a-6	Maximum Predicted Future (2014) 24-Hour Average PM ₁₀ No Action Concentrations	18-18
18a-7	Maximum Predicted Future (2014) 8-Hour Average No Action and Future With the Proposed Project CO Concentrations	18-18
18a-8	Maximum Predicted Future (2014) 24-Hour Average No Action and Future With the Proposed Project PM ₁₀ Concentrations	18-19
18a-9	Maximum Predicted Future (2014) 24-Hour Average PM _{2.5} Increment	18-19
18a-10	Maximum Predicted Future (2014) Annual Average PM _{2.5} Increment.....	18-19
18a-11	Existing Buildings Analyzed in the HVAC Assessment.....	18-21
18a-12	Maximum Predicted Impacts from Industrial Sources.....	18-22
18b-1	Global Warming Potential (GWP) for Major GHGs.....	18-27
18b-2	GHG Emissions from Construction Activity and Material Use 2010-2014.....	18-32
18b-3	Summary of Annual GHG Emissions Single-Tenant Office Scenario.....	18-33
18b-4	Summary of Annual GHG Emissions Multi-Tenant Office Scenario.....	18-33
19-1	Common Noise Levels	19-2
19-2	Average Ability to Perceive Changes in Noise Levels	19-2
19-3	Noise Exposure Guidelines for Use in City Environmental Impact Review	19-3
19-4	Required Attenuation Values to Achieve Acceptable Interior Noise Levels	19-4
19-5	Noise Receptor Locations	19-6
19-6	Measured Existing Noise Levels (in dBA).....	19-7
19-7	No Action Noise Levels (in dBA).....	19-7
19-8	Future With the Proposed Project Noise Levels (in dBA)	19-8
20-1	Quarterly Peak Numbers of Daily Construction Workers and Delivery Trucks: Proposed Action (Single-Tenant Office Scenario With Subway Improvements).....	20-12
20-2	Quarterly Peak Numbers of Daily Construction Workers and Delivery Trucks: No Action Development (Without Subway Improvements).....	20-13
20-3	Peak Construction Vehicle Trip Projections	20-18
20-4	Background Pollutant Concentrations.....	20-25
20-5	Maximum Predicted Total Concentrations for Construction Activities.....	20-26

20-6	Maximum PM _{2.5} Increments	20-26
20-7	Construction Equipment Noise Emission Levels (dBA)	20-32
20-8	Construction Noise Receptor Locations	20-34
20-9	Construction Noise Analysis Results (dBA).....	20-35
20-10	Vibration Source Levels for Construction Equipment.....	20-38
22-1	Traffic Impact Mitigation Summary.....	22-2
22-2	2014 Future With the Proposed Project – Single-Tenant Office Scenario: Weekday AM Peak Hour Intersection Approach Movements With and Without Proposed Mitigation	22-11
22-3	2014 Future With the Proposed Project – Single-Tenant Office Scenario: Weekday MD Peak Hour Intersection Approach Movements With and Without Proposed Mitigation	22-13
22-4	2014 Future With the Proposed Project – Single-Tenant Office Scenario: Weekday PM Peak Hour Intersection Approach Movements With and Without Proposed Mitigation	22-15
22-5	2014 Future With the Proposed Project – Single-Tenant Office Scenario: Saturday MD Peak Hour Intersection Approach Movements With and Without Proposed Mitigation	22-17
22-6	2014 Future With the Proposed Project – Multi-Tenant Office Scenario: Weekday AM Peak Hour Intersection Approach Movements With and Without Proposed Mitigation	22-19
22-7	2014 Future With the Proposed Project – Multi-Tenant Office Scenario: Weekday MD Peak Hour Intersection Approach Movements With and Without Proposed Mitigation	22-21
22-8	2014 Future With the Proposed Project – Multi-Tenant Office Scenario: Weekday PM Peak Hour Intersection Approach Movements With and Without Proposed Mitigation	22-23
22-9	2014 Future With the Proposed Project – Multi-Tenant Office Scenario: Saturday MD Peak Hour Intersection Approach Movements With and Without Proposed Mitigation	22-25
22-10	2014 Future With the Proposed Project – Single-Tenant Office Scenario Weekday AM Peak Hour Proposed Mitigation Measures	22-27
22-11	2014 Future With the Proposed Project – Single Tenant Office Scenario Weekday PM Peak Hour Proposed Mitigation Measures	22-28
22-12	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Weekday AM Peak Hour Proposed Mitigation Measures	22-29
22-13	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Weekday Midday Peak Hour Proposed Mitigation Measures	22-30
22-14	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Weekday PM Peak Hour Proposed Mitigation Measures	22-31

15 Penn Plaza FEIS

22-15	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Saturday Midday Peak Hour Proposed Mitigation Measures.....	22-32
22-10	2014 Maximum Predicted 8-Hour Average No Action and Future With the Proposed Project Co Concentrations (With Traffic Mitigation)	22-34
22-11	2014 Maximum Predicted 24-Hour Average No Action and Future With the Proposed Project PM ₁₀ Concentrations (With Traffic Mitigation).....	22-34
22-12	2014 Maximum Predicted 24-Hour Average PM _{2.5} Concentrations (With Traffic Mitigation).....	22-34
22-13	2014 Maximum Predicted Annual Average PM _{2.5} Concentrations (With Traffic Mitigation).....	22-34
22-16	2014 Future With the Proposed Project – Single-Tenant Office Scenario Locations With Significant Adverse Impacts With Mitigation.....	22-38
22-17	2014 Future With the Proposed Project – Multi-Tenant Office Scenario Locations With Significant Adverse Impacts With Mitigation.....	22-38
24-1	No Action and Future With the Proposed Project Number of Intersection Approach Movements At Mid-Los D, Los E, or Los F	24-8
24-2	No Action Off-Street Parking Utilization	24-8
24-3	No Action and Future With the Proposed Project Number of Unmitigated Significant Adverse Impacts	24-8
24-4	Vehicle Trip Generation Comparison Hotel-Residential Alternative vs. The Proposed Project	24-17
24-5	Off-Street Parking Utilization Future With the Proposed Project vs. Hotel-Residential Alternative.....	24-18
24-6	Person Trip Generation Comparison Hotel-Residential Alternative vs. The Proposed Project	24-18
24-7	Boiler Stack Parameters and Emission Rates.....	24-22
24-8	Maximum Pollutant Concentrations With the Cogeneration Energy Supply Alternative (µg/m ³)	24-24
24-9	Maximum Predicted PM _{2.5} Concentration Increments	24-24

List of Figures

Following page:

S-1	Project Location	S-2
S-2	Existing Zoning.....	S-2
S-3	Special Midtown District	S-2
S-4	Single-Tenant Office Scenario—Ground-Floor Plan.....	S-4
S-5	Single-Tenant Office Scenario—Illustrative Building Section.....	S-4
S-6	Single-Tenant Office Scenario—Illustrative Rendering.....	S-4
S-7	Multi-Tenant Office Scenario—Ground Floor Plan	S-4
S-8	Multi-Tenant Office Scenario—Illustrative Building Section.....	S-4
S-9	Multi-Tenant Office Scenario—Illustrative Rendering	S-4
S-10	Rezoning Area	S-6
S-11	Proposed Zoning.....	S-6
1-1	Project Location	1-2
1-2	Existing Zoning.....	1-2
1-3	Special Midtown District	1-2
1-4	Single-Tenant Office Scenario—Ground-Floor Plan.....	1-4
1-5	Single-Tenant Office—Illustrative Building Section.....	1-4
1-6	Single-Tenant Office Scenario—Illustrative Rendering.....	1-4
1-7	Single-Tenant Office Scenario—Illustrative View: West 33rd Street View from Northwest Corner of Seventh Avenue	1-4
1-8	Single-Tenant Office Scenario—Illustrative Aerial View Looking South	1-4
1-9	Multi-Tenant Office Scenario—Ground Floor Plan	1-4
1-10	Multi-Tenant Office Scenario—Illustrative Building Section.....	1-4
1-11	Multi-Tenant Office Scenario—Illustrative Rendering	1-4
1-12	Multi-Tenant Office Scenario—Illustrative View: West 33rd Street from Northwest Corner of Seventh Avenue.....	1-4
1-13	Single-Tenant Office Scenario—Illustrative View: Subway Entrance at West 32nd Street and Seventh Avenue	1-4
1-14	Multi-Tenant Office Scenario—Illustrative View: Subway Entrance at West 32nd Street and Seventh Avenue	1-4
1-15	Proposed Mass Transit Improvements—Street Level.....	1-6
1-16	Proposed Mass Transit Improvements—Lower Level 1	1-6
1-17	Proposed Mass Transit Improvements—Lower Level 2	1-6
1-18	Illustrative Elevation of the 33rd Street Passageway	1-6
1-19	Rezoning Area	1-6

15 Penn Plaza FEIS

1-20	Proposed Zoning	1-6
1-21	No Action Scenario Ground-Floor Plan.....	1-8
1-22	No Action Scenario Illustrative Building Section.....	1-8
1-23	Illustrative View of No Action Building.....	1-8
2-1	Projects Under Construction or Planned for Completion by 2014— ¼-Mile, ½-Mile, and Transportation Study Areas	2-6
3-1	Land Use	3-2
3-2	Existing Zoning.....	3-8
3-3	Special Midtown District.....	3-8
3-4	Projects Under Construction or Planned for Completion by 2014— Land Use Study Area	3-16
4-1	Socioeconomic Study Area	4-4
4-2	Midtown Class A Rental vs. Vacancy Rates	<i>appears on 4-14</i>
4-3	Midtown South Class A Rental vs. B Asking Rents	<i>appears on 4-15</i>
5-1	Emergency Services	5-2
6-1	Open Space Study Area.....	6-4
7-1	Proposed Project (Two Scenarios) and No Action Building.....	7-2
7-2	Screening Analysis.....	7-4
7-3	March 21/Sept. 21—9:00 AM EDT	7-4
7-4	View Northwest March 21/Sept. 21—10:00 AM EDT	7-4
7-5	March 21/Sept. 21—11:00 AM EDT	7-4
7-6	March 21/Sept. 21—12:00 PM EDT	7-4
7-7	View Southwest May 6/August 6—8:00 AM EDT	7-4
7-8	May 6/August 6—9:00 AM EDT.....	7-4
7-9	View Northwest May 6/August 6—10:00 AM EDT	7-4
7-10	May 6/August 6—11:00 AM EDT.....	7-4
7-11	May 6/August 6—12:00 PM EDT	7-4
7-12	May 6/August 6—4:00 PM EDT	7-4
7-13	View Southwest June 21—8:00 AM EDT	7-4
7-14	June 21—9:00 AM EDT	7-4
7-15	June 21—10:00 AM EDT	7-4
7-16	June 21—11:00 AM EDT	7-4
7-17	June 21—12:00 PM EDT	7-4
7-18	June 21—4:00 PM EDT.....	7-4
7-19	June 21—5:00 PM EDT	7-4
8-1	Historic Resources.....	8-2
8-2	Historic Resources—Project Site, Views 1 and 2	8-4
8-3	Historic Resources—Study Area, Views 3 and 4.....	8-6
8-4	Historic Resources—Study Area, Views 5, 6, and 7.....	8-6
8-5	Historic Resources—Study Area, Views 8 and 9.....	8-6
8-6	Historic Resources—Study Area, View 10.....	8-8
8-7	Historic Resources—Study Area, Views 11 and 12.....	8-10

8-8	Historic Resources—Study Area, Views 13 and 14	8-10
9-1	Urban Design and Visual Resources.....	9-2
9-2	Views from Development Site, Views 1 and 2	9-4
9-3	Views from Development Site, Views 3 and 4	9-4
9-4	Study Area Views, Views 5 and 6	9-6
9-5	Study Area Views, Views 7 and 8	9-6
9-6	Study Area Views, Views 9 and 10	9-6
9-7	Study Area Views, Views 11 and 12	9-6
9-8	View Corridors in Study Area, Views 13 and 14	9-8
9-9	View Corridors in Study Area, Views 15 and 16	9-8
9-10	View Corridors in Study Area, Views 17 and 18	9-8
9-11	Study Area Views, Views 19 and 20	9-8
9-12	Study Area Views, Views 21 and 22	9-8
9-13	Comparison of Elevations Looking North through West 32nd Street	9-12
9-14	Comparison of Renderings	9-12
9-15	Single-Tenant Office Scenario Illustrative Rendering	9-12
9-16	Single-Tenant Office Scenario—Illustrative View: West 33rd Street and Seventh Avenue.....	9-12
9-17	Single-Tenant Office Scenario—Illustrative View: West 32nd Street and Seventh Avenue	9-12
9-18	Multi-Tenant Office Scenario Illustrative Rendering	9-12
9-19	Multi-Tenant Office Scenario—Illustrative View: West 33rd Street and Seventh Avenue.....	9-14
9-20	Multi-Tenant Office Scenario—Illustrative View: West 32nd Street and Seventh Avenue	9-16
9-21	Location of Illustrative Views	9-16
9-22	View of Single-Tenant Office Scenario from Brooklyn Bridge	9-16
9-23	Comparison of Empire State Building Views from West 33rd Street and Eighth Avenue	9-16
9-24	Existing Visibility of Empire State Building Within Study Areas	9-18
16-1	Traffic Study Area	<i>appears on 16-5</i>
16-2	2008 Existing Traffic Volumes: Key Map.....	<i>appears on 16-17</i>
16-3	2008 Existing Traffic Volumes—Inset 1 (Weekday AM Peak Hour).	<i>appears on 16-18</i>
16-4	2008 Existing Traffic Volumes—Inset 2 (Weekday AM Peak Hour).	<i>appears on 16-19</i>
16-5	2008 Existing Traffic Volumes—Inset 1 (Weekday MD Peak Hour).	<i>appears on 16-20</i>
16-6	2008 Existing Traffic Volumes—Inset 2 (Weekday MD Peak Hour).	<i>appears on 16-21</i>
16-7	2008 Existing Traffic Volumes—Inset 1 (Weekday PM Peak Hour)..	<i>appears on 16-22</i>
16-8	2008 Existing Traffic Volumes—Inset 2 (Weekday PM Peak Hour)..	<i>appears on 16-23</i>
16-9	2008 Existing Traffic Volumes—Inset 1 (Saturday MD Peak Hour)..	<i>appears on 16-24</i>
16-10	2008 Existing Traffic Volumes—Inset 2 (Saturday MD Peak Hour)..	<i>appears on 16-25</i>
16-11	Off-Street Parking Facilities	<i>appears on 16-32</i>
16-12	On-Street Parking Regulations	<i>appears on 16-35</i>

16-13	2014 No Action Traffic Volumes—Inset 1(Weekday AM Peak Hour) ... <i>appears on</i> 16-41
16-14	2014 No Action Traffic Volumes—Inset 2 (Weekday AM Peak Hour) .. <i>appears on</i> 16-42
16-15	2014 No Action Traffic Volumes—Inset 1 (Weekday MD Peak Hour) .. <i>appears on</i> 16-43
16-16	2014 No Action Traffic Volumes—Inset 2 (Weekday MD Peak Hour)... <i>appears on</i> 16-44
16-17	2014 No Action Traffic Volumes—Inset 1 (Weekday PM Peak Hour).... <i>appears on</i> 16-45
16-18	2014 No Action Traffic Volumes—Inset 2 (Weekday PM Peak Hour).... <i>appears on</i> 16-46
16-19	2014 No Action Traffic Volumes—Inset 1 (Saturday MD Peak Hour) ... <i>appears on</i> 16-47
16-20	2014 No Action Traffic Volumes—Inset 2 (Saturday MD Peak Hour) <i>appears on</i> 16-48
16-21	2014 Project Incremental Traffic Volumes—Inset 1 Single-Tenant Office Scenario (Weekday AM Peak Hour) <i>appears on</i> 16-53
16-22	2014 Project Incremental Traffic Volumes—Inset 2 Single-Tenant Office Scenario (Weekday AM Peak Hour) <i>appears on</i> 16-54
16-23	2014 Project Incremental Traffic Volumes—Inset 1 Single-Tenant Office Scenario (Weekday MD Peak Hour) <i>appears on</i> 16-55
16-24	2014 Project Incremental Traffic Volumes—Inset 2 Single-Tenant Office Scenario (Weekday MD Peak Hour) <i>appears on</i> 16-56
16-25	2014 Project Incremental Traffic Volumes—Inset 1 Single-Tenant Office Scenario (Weekday PM Peak Hour)..... <i>appears on</i> 16-57
16-26	2014 Project Incremental Traffic Volumes—Inset 2 Single-Tenant Office Scenario (Weekday PM Peak Hour)..... <i>appears on</i> 16-58
16-27	2014 Project Incremental Traffic Volumes—Inset 1 Single-Tenant Office Scenario (Saturday MD Peak Hour) <i>appears on</i> 16-59
16-28	2014 Project Incremental Traffic Volumes—Inset 2 Single-Tenant Office Scenario (Saturday MD Peak Hour) <i>appears on</i> 16-60
16-29	2014 Future with the Proposed Project Traffic Volumes—Inset 1 Single-Tenant Office Scenario (Weekday AM Peak Hour) <i>appears on</i> 16-61
16-30	2014 Future with the Proposed Project Traffic Volumes—Inset 2 Single-Tenant Office Scenario (Weekday AM Peak Hour) <i>appears on</i> 16-62
16-31	2014 Future with the Proposed Project Traffic Volumes—Inset 1 Single-Tenant Office Scenario (Weekday MD Peak Hour) <i>appears on</i> 16-63
16-32	2014 Future with the Proposed Project Traffic Volumes—Inset 2 Single-Tenant Office Scenario (Weekday MD Peak Hour) <i>appears on</i> 16-64
16-33	2014 Future with the Proposed Project Traffic Volumes—Inset 1 Single-Tenant Office Scenario (Weekday PM Peak Hour)..... <i>appears on</i> 16-65
16-34	2014 Future with the Proposed Project Traffic Volumes—Inset 2 Single-Tenant Office (Weekday PM Peak Hour)..... <i>appears on</i> 16-66
16-35	2014 Future with the Proposed Project Traffic Volumes—Inset 1 Single-Tenant Office Scenario (Saturday MD Peak Hour) <i>appears on</i> 16-67
16-36	2014 Future with the Proposed Project Traffic Volumes—Inset 2 Single-Tenant Office Scenario (Saturday MD Peak Hour) <i>appears on</i> 16-68
16-37	2014 Project Incremental Traffic Volumes—Inset 1 Multi-Tenant Office Scenario (Weekday AM Peak Hour)..... <i>appears on</i> 16-69

16-38	2014 Project Incremental Traffic Volumes—Inset 2 Multi-Tenant Office Scenario (Weekday AM Peak Hour)	<i>appears on 16-70</i>
16-39	2014 Project Incremental Traffic Volumes—Inset 1 Multi-Tenant Office Scenario (Weekday MD Peak Hour)	<i>appears on 16-71</i>
16-40	2014 Project Incremental Traffic Volumes—Inset 2 Multi-Tenant Office Scenario (Weekday MD Peak Hour)	<i>appears on 16-72</i>
16-41	2014 Project Incremental Traffic Volumes—Inset 1 Multi-Tenant Office Scenario (Weekday PM Peak Hour).....	<i>appears on 16-73</i>
16-42	2014 Project Incremental Traffic Volumes—Inset 2 Multi-Tenant Office Scenario (Weekday PM Peak Hour).....	<i>appears on 16-74</i>
16-43	2014 Project Incremental Traffic Volumes—Inset 1 Multi-Tenant Office Scenario (Saturday MD Peak Hour)	<i>appears on 16-75</i>
16-44	2014 Project Incremental Traffic Volumes—Inset 2 Multi-Tenant Office Scenario (Saturday MD Peak Hour)	<i>appears on 16-76</i>
16-45	2014 Future with the Proposed Project Traffic Volumes—Inset 1 Multi-Tenant Office Scenario (Weekday AM Peak Hour)	<i>appears on 16-77</i>
16-46	2014 Future with the Proposed Project Traffic Volumes—Inset 2 Multi-Tenant Office Scenario (Weekday AM Peak Hour)	<i>appears on 16-78</i>
16-47	2014 Future with the Proposed Project Traffic Volumes—Inset 1 Multi-Tenant Office Scenario (Weekday MD Peak Hour)	<i>appears on 16-79</i>
16-48	2014 Future with the Proposed Project Traffic Volumes—Inset 2 Multi-Tenant Office Scenario (Weekday MD Peak Hour)	<i>appears on 16-80</i>
16-49	2014 Future with the Proposed Project Traffic Volumes—Inset 1 Multi-Tenant Office Scenario (Weekday PM Peak Hour).....	<i>appears on 16-81</i>
16-50	2014 Future with the Proposed Project Traffic Volumes—Inset 2 Multi-Tenant Office Scenario (Weekday PM Peak Hour).....	<i>appears on 16-82</i>
16-51	2014 Future with the Proposed Project Traffic Volumes—Inset 1 Multi-Tenant Office Scenario (Saturday MD Peak Hour)	<i>appears on 16-83</i>
16-52	2014 Future with the Proposed Project Traffic Volumes—Inset 2 Multi-Tenant Office Scenario (Saturday MD Peak Hour)	<i>appears on 16-84</i>
16-53	2014 Future with the Proposed Project Single-Tenant Office Scenario: Intersections with Significant Adverse Impacts (Weekday AM Peak Hour)	<i>appears on 16-88</i>
16-54	2014 Future with the Proposed Project Single-Tenant Office Scenario: Intersections with Significant Adverse Impacts (Weekday Midday Peak Hour).....	<i>appears on 16-89</i>
16-55	2014 Future with the Proposed Project Single-Tenant Office Scenario: Intersections with Significant Adverse Impacts (Weekday PM Peak Hour)	<i>appears on 16-90</i>
16-56	2014 Future with the Proposed Project Single-Tenant Office Scenario: Intersections with Significant Adverse Impacts (Saturday Midday Peak Hour)	<i>appears on 16-91</i>

16-57	2014 Future with the Proposed Project Multi-Tenant Office Scenario: Intersections with Significant Adverse Impacts (Weekday AM Peak Hour).....	<i>appears on 16-92</i>
16-58	2014 Future with the Proposed Project Multi-Tenant Office Scenario: Intersections with Significant Adverse Impacts (Weekday Midday Peak Hour).....	<i>appears on 16-93</i>
16-59	2014 Future with the Proposed Project Multi-Tenant Office Scenario: Intersections with Significant Adverse Impacts (Weekday PM Peak Hour).....	<i>appears on 16-94</i>
16-60	2014 Future with the Proposed Project Multi-Tenant Office Scenario: Intersections with Significant Adverse Impacts (Saturday Midday Peak Hour).....	<i>appears on 16-95</i>
17-1	Transit Study Area Subway Lines, Routes, and Stations	<i>appears on 17-6</i>
17-2	Transit Study Area Bus Routes and Terminus	<i>appears on 17-7</i>
17-3	2008 Existing Conditions Weekday AM Peak Hour—Pedestrian LOS	<i>appears on 17-24</i>
17-4	2008 Existing Conditions Weekday MD Peak Hour—Pedestrian LOS	<i>appears on 17-25</i>
17-5	2008 Existing Conditions Weekday PM Peak Hour—Pedestrian LOS.....	<i>appears on 17-26</i>
17-6	2008 Existing Conditions Saturday MD Peak Hour—Pedestrian LOS	<i>appears on 17-27</i>
17-7	2014 No Action Condition Weekday AM Peak Hour—Pedestrian LOS ..	<i>appears on 17-35</i>
17-8	2014 No Action Condition Weekday MD Peak Hour—Pedestrian LOS...	<i>appears on 17-36</i>
17-9	2014 No Action Condition Weekday PM Peak Hour—Pedestrian LOS....	<i>appears on 17-37</i>
17-10	2014 No Action Condition Saturday MD Peak Hour—Pedestrian LOS	<i>appears on 17-38</i>
17-11	Proposed Mass Transit Improvements Street Level	17-42
17-12	Proposed Mass Transit Improvements Lower Level 1	17-42
17-13	Proposed Mass Transit Improvements Lower Level 2	17-42
17-14	2014 Future with the Proposed Project – Single-Tenant Office Scenario Weekday AM Peak Hour – Pedestrian LOS	<i>appears on 17-45</i>
17-15	2014 Future with the Proposed Project – Single-Tenant Office Scenario Weekday MD Peak Hour – Pedestrian LOS	<i>appears on 17-46</i>
17-16	2014 Future with the Proposed Project – Single-Tenant Office Scenario Weekday PM Peak Hour – Pedestrian LOS	<i>appears on 17-47</i>
17-17	2014 Future with the Proposed Project – Single-Tenant Office Scenario Saturday MD Peak Hour – Pedestrian LOS	<i>appears on 17-48</i>
17-18	2014 Future with the Proposed Project – Multi-Tenant Office Scenario Weekday AM Peak Hour – Pedestrian LOS	<i>appears on 17-54</i>
17-19	2014 Future with the Proposed Project – Multi-Tenant Office Scenario Weekday MD Peak Hour – Pedestrian LOS	<i>appears on 17-55</i>
17-20	2014 Future with the Proposed Project – Multi-Tenant Office Scenario Weekday PM Peak Hour – Pedestrian LOS	<i>appears on 17-56</i>
17-21	2014 Future with the Proposed Project – Multi-Tenant Office Scenario Saturday MD Peak Hour – Pedestrian LOS	<i>appears on 17-57</i>
18a-1	Mobile Source Analysis Site Locations.....	18-13
19-1	Noise Receptor Locations.....	19-6

20-1	RWCDS Construction Schedule	20-12
20-2	Construction Noise Receptor Locations.....	20-34
22-1	2014 Future with the Proposed Project Single-Tenant Office Scenario: Mitigation of Intersections with Significant Adverse Impacts Weekday AM Peak Hour	<i>appears on 22-3</i>
22-2	2014 Future with the Proposed Project Single-Tenant Office Scenario: Mitigation of Intersections with Significant Adverse Impacts Weekday MD Peak Hour	<i>appears on 22-4</i>
22-3	2014 Future with the Proposed Project Single-Tenant Office Scenario: Mitigation of Intersections with Significant Adverse Impacts Weekday PM Peak Hour	<i>appears on 22-5</i>
22-4	2014 Future with the Proposed Project Single-Tenant Office Scenario: Mitigation of Intersections with Significant Adverse Impacts Saturday MD Peak Hour	<i>appears on 22-6</i>
22-5	2014 Future with the Proposed Project Multi-Tenant Office Scenario: Mitigation of Intersections with Significant Adverse Impacts Weekday AM Peak Hour	<i>appears on 22-7</i>
22-6	2014 Future with the Proposed Project Multi-Tenant Office Scenario: Mitigation of Intersections with Significant Adverse Impacts Weekday MD Peak Hour	<i>appears on 22-8</i>
22-7	2014 Future with the Proposed Project Multi-Tenant Office Scenario: Mitigation of Intersections with Significant Adverse Impacts Weekday PM Peak Hour	<i>appears on 22-9</i>
22-8	2014 Future with the Proposed Project Multi-Tenant Office Scenario: Mitigation of Intersections with Significant Adverse Impacts Saturday MD Peak Hour	<i>appears on 22-10</i>
22-9	2014 Future with the Proposed Project and Mitigation— Single-Tenant Office Scenario: Weekday AM Peak Hour Pedestrian LOS	<i>appears on 22-39</i>
22-10	2014 Future with the Proposed Project and Mitigation— Single-Tenant Office Scenario: Weekday MD Peak Hour Pedestrian LOS	<i>appears on 22-40</i>
22-11	2014 Future with the Proposed Project and Mitigation— Single-Tenant Office Scenario: PM Peak Hour Pedestrian LOS	<i>appears on 22-41</i>
22-12	2014 Future with the Proposed Project and Mitigation— Single-Tenant Office Scenario: Saturday MD Peak Hour Pedestrian LOS	<i>appears on 22-42</i>
22-13	2014 Future with the Proposed Project and Mitigation— Multi-Tenant Office Scenario: AM Peak Hour Pedestrian LOS.....	<i>appears on 22-43</i>
22-14	2014 Future with the Proposed Project and Mitigation— Multi-Tenant Office Scenario: Weekday MD Peak Hour Pedestrian LOS	<i>appears on 22-44</i>
22-15	2014 Future with the Proposed Project and Mitigation— Multi-Tenant Office Scenario: PM Peak Hour Pedestrian LOS	<i>appears on 22-45</i>

