

TABLE OF CONTENTS

I.	SUMMARY	i
A.	Summary of Proposed Action	i
B.	Location and Boundaries	iii
C.	Project Background.....	iv
D.	Environmental Impact Report Process History.....	v
E.	Project Description.....	vi
F.	Environmental Setting.....	x
G.	Major Implications of Project Implementation.....	xiii
H.	Alternatives	lxxvii
II.	PROJECT DESCRIPTION	1
A.	Project Location	1
B.	Adjacent Land Uses	6
C.	Project Background.....	8
D.	Statement of Project Objectives	10
E.	Requested Actions and Entitlements.....	11
F.	Project Characteristics.....	14
G.	Proposed Project Design Features and Standard Conditions Assumed in Impact Assessment.....	45
III.	GENERAL DESCRIPTION OF THE ENVIRONMENTAL SETTING.....	73
A.	Overview of the Environmental Setting.....	73
B.	Related Projects.....	76
IV.	ENVIRONMENTAL IMPACT ANALYSIS.....	79
A.	Aesthetics and Visual Resources	79
B.	Air Quality	106
C.	Geology and Soils	155
D.	Hazardous Materials and Man-Made Hazards	169
E.	Water Resources 1. Hydrology/Water Quality	181
	2. Water Supply	207
F.	Land Use, Planning and Urban Decay	217
G.	Noise	284
H.	Public Services 1. Fire	307
	2. Police	318
I.	Public Utilities 1. Solid Waste.....	329
J.	Traffic, Circulation and Access.....	337

TABLE OF CONTENTS (CONTINUED)

V.	ALTERNATIVES.....	437
A.	Alternative A: No Project	446
B.	Alternative B: Existing Entitlement (108,000 GLSF)	452
C.	Alternative C: Reduced Project 1 (235,000 GLSF - Reduced Height of Parking)	462
D.	Alternative D: Reduced Project 2 (235,000 GLSF - Maintain Macy's Parking Structure Full Closure of Matilija Avenue)	476
E.	Alternative E: Alternate Site Plan 1 (280,000 GLSF - Proposed Project/No Tunnel/No Subterranean Parking).....	490
F.	Alternative F: Alternate Site Plan 2 (280,000 GLSF Proposed Project/Pedestrian Activation on Riverside Drive).....	502
G.	Alternative G: Promenade (190,000 GLSF)	514
H.	Alternative H: Environmentally Superior Alternative	531
VI.	OTHER ENVIRONMENTAL CONSIDERATIONS	537
A.	Effects Not Found To Be Significant.....	537
B.	Significant Unavoidable Impacts	560
C.	Significant Irreversible Environmental Changes	561
D.	Growth-Inducing Impacts	562
E.	Mitigation Monitoring Program.....	564
VII.	PERSONS AND ORGANIZATIONS CONTACTED	565
A.	Lead Agency	565
B.	Project Applicant.....	565
C.	EIR Preparation.....	565
D.	Agencies and Organizations.....	566
VIII.	REFERENCES.....	567

TABLE OF CONTENTS (CONTINUED)

APPENDICES – VOLUME I (UNDER SEPARATE COVER)

APPENDIX A NOTICE OF PREPARATION (NOP), WRITTEN COMMENT LETTERS AND SCOPING MEETING COMMENTS

A-1 NOTICE OF PREPARATION (NOP)

A-2 NOP WRITTEN COMMENT LETTERS

A-3 PUBLIC SCOPING MEETING COMMENTS

APPENDIX B TREE REPORT

APPENDIX C SHADE/SHADOW ANALYSIS

APPENDIX D AIR QUALITY AND NOISE ASSESSMENTS

APPENDIX E GEOTECHNICAL AND SOILS

TABLE OF CONTENTS (CONTINUED)

APPENDICES – VOLUME II (UNDER SEPARATE COVER)

APPENDIX F PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

APPENDIX G STORMWATER QUALITY

APPENDIX H URBAN DECAY REPORT

APPENDIX I TRAFFIC STUDY

APPENDIX J EMPLOYMENT CALCULATIONS

**APPENDIX K SUPPLEMENTAL TRAFFIC INFORMATION FOR
PROJECT AND ALTERNATIVES**

K-1 AVERAGE TRIP LENGTH CALCULATIONS

K-2 TRAFFIC COUNT CONFIRMATION

K-3 ALTERNATIVES ANALYSIS

APPENDIX L ZONING (Q) CONDITIONS

APPENDIX M MITIGATION MONITORING PROGRAM

LIST OF FIGURES

FIGURE

1.	Regional Location.....	2
2.	Local Vicinity	3
3.	Community Plan Designation.....	4
4.	Zoning Map.....	5
5.	Aerial Overview and Surrounding Uses	7
6.	Proposed Site Plan – Fashion Square Level 1	15
7.	Proposed Site Plan – Fashion Square Subterranean Level	16
8.	Proposed Site Plan – Fashion Square Level 2	17
9.	Proposed Site Plan – Fashion Square Roof Level	18
10.	Proposed Site Plan – Fashion Square Cross Section	19
11.	Existing Site Circulation and Access: Riverside Drive	22
12.	Existing Site Circulation and Access: Hazeltine Avenue.....	23
13.	Site Access and Driveways – Proposed Internal Circulation.....	25
14.	Site Access and Driveways – Proposed Hazeltine Avenue Access.....	26
15.	Site Access and Driveways – Proposed Riverside Drive Access	27
16.	Matilija Avenue Traffic Barrier.....	29
17.	Proposed Building Elevations.....	32
18.	Conceptual Landscape Plan -1	36
19.	Conceptual Landscape Plan -2.....	37
20.	Construction Phasing	42
21.	Location of Related Projects.....	77
22.	Photo of Surrounding Area	80
23.	Existing View – Woodman Avenue Frontage	82
24.	Existing View – Riverside Drive and Woodman Avenue Intersection	83
25.	Existing View – Riverside Drive	84
26.	Existing View – Riverside Drive	85
27.	Existing View – Riverside Drive and Hazeltine Avenue Intersection.....	86
28.	Existing View – Hazeltine Avenue.....	87
29.	Existing View – Existing Residents, North of Riverside Drive.....	89
30.	Riverside Drive Rendering at Matilija Avenue	97
31.	South Coast Air Basin.....	110
32.	Air Monitoring Areas.....	113
33.	Air Quality Receptors	117
34.	Fault Map.....	156
35.	Existing Surrounding Land Uses	218
36.	Existing Community Plan Designations	221
37.	Existing Zoning.....	223
38.	Boundaries of the Los Angeles River Improvement Overlay District.....	225
39.	Proposed East Valley River Improvement Overlay District.....	227

LIST OF FIGURES (CONTINUED)

FIGURE

40.	A-Weighted Decibel Scale.....	285
41.	Noise Monitoring Locations	289
42.	Existing Public Transit Routes.....	342
43.	Existing Lane Configuration at Study Intersections	345
44.	Existing Traffic Volumes – Weekday AM Peak Hour	347
45.	Existing Traffic Volumes – Weekday PM Peak Hour.....	348
46.	Existing Traffic Volumes – Saturday Mid-Day Peak Hour.....	351
47.	Project Traffic Volumes – Saturday Mid-Day Peak Hour.....	352
48.	Project Trip Distribution.....	377
49.	Project Traffic Volumes – Weekday AM Peak Hour	378
50.	Project Traffic Volumes – Weekday PM Peak Hour.....	379
51.	Related Projects Traffic Volumes – Weekday AM Peak Hour	382
52.	Related Projects Traffic Volumes – Weekday PM Peak Hour	383
53.	Related Projects Traffic Volumes – Saturday Mid-Day Peak Hour	386
54.	Existing With Ambient Growth Traffic Volumes – Weekday AM Peak Hour	392
55.	Existing With Ambient Growth Traffic Volumes – Weekday PM Peak Hour.....	393
56.	Future Pre-Project Traffic Volumes – Weekday AM Peak Hour	394
57.	Future Pre-Project Traffic Volumes – Weekday PM Peak Hour.....	395
58.	Future With Project Traffic Volumes – Weekday AM Peak Hour.....	397
59.	Future With Project Traffic Volumes – Weekday PM Peak Hour	398
60.	Existing With Ambient Growth Traffic Volumes – Saturday Mid-Day Peak Hour.....	401
61.	Future Pre-Project Traffic Volumes – Saturday Mid-Day Peak Hour.....	402
62.	Future With Project Traffic Volumes – Saturday Mid-Day Peak Hour	404
63.	Existing Entitlement (108,000 GLSF) Alternative – Level 1	453
64.	Existing Entitlement (108,000 GLSF) Alternative – Level 2	454
65.	Reduced Project 1 (235,000 GLSF) Alternative – Level 1.....	463
66.	Reduced Project 1 (235,000 GLSF) Alternative – Level 2.....	464
67.	Reduced Project 1 (235,000 GLSF) Alternative – Level 3.....	465
68.	Reduced Project 1 (235,000 GLSF) Alternative Cross Section.....	466
69.	Reduced Project 2 (235,000 GLSF) Alternative – Level 1	477
70.	Reduced Project 2 (235,000 GLSF) Alternative – Level 2.....	478
71.	Reduced Project 2 (235,000 GLSF) Alternative – Level 3.....	479
72.	Reduced Project 2 (235,000 GLSF) Alternative Cross Section.....	480
73.	Alternate Site Plan 1 (Proposed Project/No Tunnel/ No Subterranean Parking) Alternative – Level 1	491
74.	Alternate Site Plan 1 (Proposed Project/No Tunnel/No Subterranean Parking) Alternative – Level 2	492
75.	Alternate Site Plan 1 (Proposed Project/No Tunnel/No Subterranean Parking) Alternative – Level 3	493

LIST OF FIGURES (CONTINUED)

FIGURE

76.	Alternate Site Plan 1 (Proposed Project/No Tunnel/No Subterranean Parking) Alternative Cross Section	494
77.	Alternate Site Plan 2 (Proposed Project/Pedestrian Activation on Riverside Drive) Alternative – Level 1	503
78.	Alternate Site Plan 2 (Proposed Project/Pedestrian Activation on Riverside Drive) Alternative – Subterranean Parking	504
79.	Alternate Site Plan 2 (Proposed Project/Pedestrian Activation on Riverside Drive) Alternative – Level 2	505
80.	Alternate Site Plan 2 (Proposed Project/Pedestrian Activation on Riverside Drive) Alternative – Level 3	506
81.	Alternate Site Plan 2 (Proposed Project/Pedestrian Activation on Riverside Drive) Alternative Cross Section	507
82.	Promenade (Reduced Project/Pedestrian Promenade) Alternative – Level 1	515
83.	Promenade (Reduced Project/Pedestrian Promenade) Alternative – Level 2	516
84.	Promenade (Reduced Project/Pedestrian Promenade) Alternative – Level 5/6.....	517
85.	Promenade (Reduced Project/Pedestrian Promenade) Alternative – Cross Section.....	518

LIST OF TABLES

TABLE

1.	Summary of Gross Leasable Building Area at the Project Site	9
2.	Overview of Existing and Proposed Building Area at the Project Site	9
3.	List of Related Projects.....	78
4.	State and National Ambient Air Quality Standards.....	111
5.	Ambient Air Quality Data in Project Vicinity	114
6.	Existing Carbon Monoxide Concentrations – Weekday Conditions	115
7.	Existing Carbon Monoxide Concentrations – Weekend Conditions	116
8.	SCAQMD Daily Construction Emissions Thresholds.....	124
9.	SCAQMD Daily Operational Emissions Thresholds	125
10.	Estimated Daily Construction Emissions – Unmitigated.....	132
11.	Estimated Daily Operational Emissions – Weekday	134
12.	Estimated Daily Operational Emissions – Weekend	135
13.	Carbon Monoxide Concentrations – Weekday	136
14.	Carbon Monoxide Concentrations – Weekend	137
15.	Annual Greenhouse Gas Emissions	140
16.	Project Consistency with the California Climate Action Team Report and the Green LA Action Plan	145
17.	Cumulative Air Quality Analysis.....	148
18.	Estimated Daily Construction Emissions – Mitigated	153
19.	SUSMP Requirements	187
20.	Consistency with Community Plan Land Use Related Goals, Objectives and Policies	247
21.	Consistency with Draft River Improvement Overlay – Requirements for Private Property	255
22.	Consistency with Applicable SCAG Regional Policies.....	271
23.	Existing Noise Measurements.....	288
24.	Existing Estimated Community Noise Equivalent Level –Weekday	290
25.	Existing Estimated Community Noise Equivalent Level –Weekend	290
26.	Land Use Compatibility for Community Noise Environments	293
27.	Maximum Noise Levels of Common Construction Machines	296
28.	Outdoor Construction Noise Levels.....	297
29.	Construction Noise Impact – Unmitigated	298
30.	Existing and Future Estimated Community Noise Equivalent Level – Weekday	299
31.	Existing and Future Estimated Community Noise Equivalent Level – Weekend	300
32.	Vibration Velocities for Construction Equipment	302
33.	Construction Noise Impact – Mitigated.....	306
34.	Consistency with Community Plan Fire Protection Services Related Goals, Objectives and Policies	313
35.	Consistency with Community Plan Police Services Related Goals, Objectives and Policies	324

LIST OF TABLES (CONTINUED)

TABLE

36.	Existing Landfill Facilities in Los Angeles County.....	330
37.	Existing Transit Routes.....	341
38.	Existing 2007 Weekday Traffic Volumes.....	349
39.	Existing 2007 Weekend Traffic Volumes.....	353
40.	Summary of Project Floor Area.....	364
41.	Weekday Project Trip Generation	373
42.	Weekend Project Trip Generation	374
43.	Related Projects Weekday Trip Generation.....	380
44.	Related Projects Weekend Trip Generation.....	384
45.	Summary of Volume to Capacity Ratios and Level of Service Weekday AM and PM Peak Hours.....	389
46.	Summary of Volume to Capacity Ratios and Levels of Service Weekend Peak Hours.....	400
47.	Local Residential Street Segment Impact Threshold Criteria.....	407
48.	Neighborhood Street Segment Analysis Summary.....	408
49.	Weekday Shared Parking Demand Analysis Existing Conditions (December)	414
50.	Weekend Shared Parking Demand Analysis Existing Conditions (December)	415
51.	Weekday Shared Parking Demand Analysis Future Conditions (July)	417
52.	Weekend Shared Parking Demand Analysis Future Conditions (July)	418
53.	Weekday Shared Parking Demand Analysis Future Conditions (December)	419
54.	Weekend Shared Parking Demand Analysis Future Conditions (December)	420
55.	Consistency with Community Plan Transportation Related Goals, Objectives and Policies	422
56.	Summary of Alternatives	441
57.	Summary of Alternatives Impacts	532
58.	Alternatives Comparison to the Expansion Project	535

LIST OF ACRONYMS AND ABBREVIATIONS

>	Greater than
<	Less than
°F	Degrees Fahrenheit
µg/m ³	Milligrams per million
AB	Assembly Bill
ACM	Asbestos containing material(s)
ADT	Average daily traffic
AFY	Acre-feet per year
a.m.	Morning hours (between 12:00 midnight and 12:00 noon)
APWA	American Public Works Association
AQMP	Air Quality Management Plan
ASHRAE	American Society of Heating, Refrigerating, and Air-Conditioning Engineers
AST	Aboveground storage tank(s)
ASTM	American Standard Test Methods
ATCS	Adaptive Traffic Control System
ATSAC	Automated Traffic Surveillance and Control
Basin	South Coast Air Basin
BFI	Brown-Farris Industries
BID	Business Improvement District
BMP	Best Management Practice(s)
CAA	(Federal) Clean Air Act
CAAQS	California Air Quality Standards
Cal-OSHA	California Occupational Safety and Health Administration
Cal-Sites	State Hazardous Waste Sites
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCAT	California Climate Action Team
CCTV	Closed circuit television

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
cf or CF	Cubic feet
CGS	California Geological Survey
CH ₄	Methane
CiSWMPP	City's Solid Waste Management Policy Program
CIWMB	California Integrated Waste Management Board
CMA	Critical movement analysis
CMP	(Los Angeles County) Congestion Management Plan
CNEL	Community noise equivalent level
CO	Carbon monoxide
CO ₂	Carbon dioxide
Community Plan	Van Nuys-North Sherman Oaks Community Plan
CORRACTS	Corrective Action Report
Cortese List	Hazardous Waste and Substances Site List
CPI	Catchment productivity index
CPTED	Crime Prevention Through Environmental Design
CUB	Conditional Use Permit for the sale or consumption of alcoholic beverages
CUP	Conditional Use Permit
CWA	(Federal) Clean Water Act
CWMP	Construction Waste Management Plan
D/C	Demand to capacity
dB	Decibel(s)
dBA	Decibel(s), A-weighted
DDT	Dichloro-Diphenyl-Trichloroethane
DEIR	Draft Environmental Impact Report
Delta	Sacramento-San Joaquin River Delta
DOI	U.S. Department of the Interior

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

DTSC	(California) Department of Toxic Substances Control
DU	Dwelling unit
DWP	(Los Angeles) Department of Water and Power
DWR	(California) Department of Water Resources
EAF	Environmental Assessment Form
EB	East-bound
EIR	Environmental Impact Report
EMFAC	Emissions Factors model
EPA	Environmental Protection Agency
ESA	(Phase I) Environmental Site Assessment
FAR	Floor area ratio
FDA	Food and Drug Administration
FEIR	Final Environmental Impact Report
FHWA	Federal Highway Administration
FPPIP	Fire Protection and Prevention Plan
FRA	Federal Railway Administration
GBIS	Glendale-Burbank Interceptor Sewer
GHG	Greenhouse Gas
GLSF	Gross leasable square feet
gpd	gallons per day
gpy	gallons per year
Green Plan	Green LA: Action Plan
HAZNET	Hazards network
HR	U.S. House of Representatives
HTS	Hyperion Treatment System
HVAC	Heating, ventilation and air conditioning
HWA	Health and Welfare Agency
HWTP	Hyperion Water Treatment Plant
IRP	Integrated Resources Plan
I-405	Interstate 404 / San Diego Freeway

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

IS	Initial Study
ITE	Institute of Transportation Engineers
kWh	Kilowatt hour(s)
KwH/yr	Kilowatt hour(s) per year
LA	City of Los Angeles
LAA	Los Angeles Aqueduct
LADOT	(City of) Los Angeles Department of Transportation
LADWP	(City of) Los Angeles Department of Water and Power
LAFD	(City of) Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	(City of) Los Angeles Police Department
LARRMP	Los Angeles River Revitalization Master Plan
LARWQCB	Los Angeles Regional Water Quality Control Board
LA-UWMP	Los Angeles Urban Water Management Plan
LEED	Leadership in Energy and Environmental Design
Leq	Equivalent noise level
LOS	Level of service
LST	Localized Significance Thresholds
LUST	Leaking Underground Storage Tank
MDP	Major Development Project
Metro	(Los Angeles County) Metropolitan Transportation Authority
MGD	Million Gallons of wastewater per day
MM	Mitigation measure(s)
MMP	Mitigation Monitoring Program
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
MTA	(Los Angeles County) Metropolitan Transportation Authority
MWD	Metropolitan Water District
NAAQS	National Ambient Air Quality Standards
NACAA	National Association of Clean Area Agencies

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

NAP	Not a part
NB	North-bound
NIH	National Institutes of Health
NO	Nitrogen oxide
NO ₂	Nitrogen dioxide
NOI	Notice of Intent
NOP	Notice of Preparation
NO _x	Nitrogen oxide(s)
NPDES	National Pollution Discharge Elimination System
NPL	National Priority List
NPP	Neighborhood Protection Program
NPS	National Park Service
NRC	Nuclear Regulatory Commission
NRDC	Natural Resources Defense Council
NTMP	Neighborhood Traffic Management Plan
O	Oxygen
O ₃	Ozone
OPR	(California Governor's) Office of Planning and Research
OSHA	Occupational Safety and Health Administration
PAH	Polycyclic aromatic hydrocarbon(s)
Pb	Lead
PCB	Polychlorinated biphenyl(s)
PCE	Passenger car equivalent
PDF	Project design feature
p.m.	Afternoon hours (between 12:00 noon and 12:00 midnight)
PM _{2.5}	Particulate matter at 2.5 microns
PM ₁₀	Particulate matter at 10 microns
ppd	Pounds per day
ppm	Parts per million
PPV	Peak particle velocity

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

Proposed Project	Fashion Square Expansion Project
PSC	Professional Security Consultants
psi	pounds per square inch
PWPT	Pollock Wells Treatment Plant
RCP	Regional Comprehensive Plan
RCRIS-TSD	Resource Conservation and Recovery Information System – Treatment, Storage and Disposal Facility
RIO	River Improvement Overlay
RMS	Root mean square
RTP	Regional Transportation Plan
RUWMP	Regional Urban Water Management Plan
SB	Senate bill
SB	South-bound
SCA	Standard condition(s) of approval
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
sf or SF	Square feet
SO ₂	Sulfur dioxide
SO _X	Sulfur oxide(s)
SRRE	Source Reduction Recycling Element
SUSMP	Standard Urban Stormwater Mitigation Plan
SWIRP	Solid Waste Integrated Resources Plan
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic air contaminant(s)
TCP	Traffic Control Plan
TDM	Transportation Demand Management
TIA	Traffic Impact Assessment
TMDL	Total Maximum Daily Load(s)
TSM	Transportation system management

LIST OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

TSS	Total suspended solids
TWRP	Donald Tillman Water Reclamation Plant
ULI	Urban Land Institute
URBEMIS	Urban Emissions Model
US 101	U.S. Highway 101 / Ventura Freeway
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USGBC	United States Green Building Council
USGS	United States Geologic Survey
UST	Underground Storage Tank
UWMP	Urban Water Management Plan
V/C	Volume-to-capacity (ratio)
Vdb	Decibel notation
VMT	Vehicle miles traveled
VOC	Volatile organic compound(s)
WB	West-bound
WFP	Wastewater Facilities Plan
WSA	Water supply assessment