

# FLOOD INSURANCE STUDY

## FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 4 OF 9



# LOS ANGELES COUNTY, CALIFORNIA AND INCORPORATED AREAS

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
AGOURA HILLS, CITY OF	065072	COMMERCE, CITY OF	060110
ALHAMBRA, CITY OF*	060095	COMPTON, CITY OF	060111
ARCADIA, CITY OF*	065014	COVINA, CITY OF*	065024
ARTESIA, CITY OF*	060097	CUDAHY, CITY OF	060657
AVALON, CITY OF	060098	CULVER CITY, CITY OF	060114
AZUSA, CITY OF	065015	DIAMOND BAR, CITY OF	060741
BALDWIN PARK, CITY OF*	060100	DOWNEY, CITY OF	060645
BELL, CITY OF*	060101	DUARTE, CITY OF*	065026
BELL GARDENS, CITY OF	060656	EL MONTE, CITY OF*	060658
BELLFLOWER, CITY OF	060102	EL SEGUNDO, CITY OF	060118
BEVERLY HILLS, CITY OF*	060655	GARDENA, CITY OF	060119
BRADBURY, CITY OF*	065017	GLENDALE, CITY OF	065030
BURBANK, CITY OF	065018	GLENDORA, CITY OF*	065031
CALABASAS, CITY OF	060749	HAWAIIAN GARDENS, CITY OF*	065032
CARSON, CITY OF	060107	HAWTHORNE, CITY OF*	060123
CERRITOS, CITY OF	060108	HERMOSA BEACH, CITY OF	060124
CLAREMONT, CITY OF*	060109	HIDDEN HILLS, CITY OF	060125

\* No Special Flood Hazard Areas Identified

**REVISED: June 2, 2021**

FLOOD INSURANCE STUDY NUMBER

**06037CV004F**

Version Number 2.3.3.2



**FEMA**

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
HUNTINGTON PARK, CITY OF*	060126	PICO RIVERA, CITY OF	060148
INDUSTRY, CITY OF*	065035	POMONA, CITY OF*	060149
INGLEWOOD, CITY OF*	065036	RANCHO PALOS VERDES, CITY OF	060464
IRWINDALE, CITY OF*	060129	REDONDO BEACH, CITY OF	060150
LA CANADA FLINTRIDGE, CITY OF*	060669	ROLLING HILLS, CITY OF*	060151
LA HABRA HEIGHTS, CITY OF*	060701	ROLLING HILLS ESTATES, CITY OF*	065054
LA MIRADA, CITY OF	060131	ROSEMEAD, CITY OF*	060153
LA PUENTE*, CITY OF	065039	SAN DIMAS, CITY OF	060154
LA VERNE, CITY OF	060133	SAN FERNANDO, CITY OF	060628
LAKEWOOD, CITY OF	060130	SAN GABRIEL, CITY OF*	065055
LANCASTER, CITY OF	060672	SAN MARINO, CITY OF*	065057
LAWDALE, CITY OF*	060134	SANTA CLARITA, CITY OF	060729
LOMITA, CITY OF*	060135	SANTA FE SPRINGS, CITY OF	060158
LONG BEACH, CITY OF	060136	SANTA MONICA, CITY OF	060159
LOS ANGELES, CITY OF	060137	SIERRA MADRE, CITY OF*	065059
LOS ANGELES COUNTY UNINCORPORATED AREAS	065043	SIGNAL HILL, CITY OF*	060161
LYNWOOD, CITY OF	060635	SOUTH EL MONTE, CITY OF*	060162
MALIBU, CITY OF	060745	SOUTH GATE, CITY OF	060163
MANHATTAN BEACH, CITY OF	060138	SOUTH PASADENA, CITY OF*	065061
MAYWOOD, CITY OF*	060651	TEMPLE CITY, CITY OF*	060653
MONROVIA, CITY OF*	065046	TORRANCE, CITY OF	060165
MONTEBELLO, CITY OF	060141	VERNON, CITY OF*	060166
MONTEREY PARK, CITY OF*	065047	WALNUT, CITY OF*	065069
NORWALK, CITY OF	060652	WEST COVINA, CITY OF	060666
PALMDALE, CITY OF	060144	WEST HOLLYWOOD, CITY OF*	060720
PALOS VERDES ESTATES, CITY OF	060145	WESTLAKE VILLAGE, CITY OF	060744
PARAMOUNT, CITY OF	065049	WHITTIER, CITY OF	060169
PASADENA, CITY OF*	065050		

\*No Special Flood Hazard Areas Identified

**REVISED: June 2, 2021**



**FEMA**

FLOOD INSURANCE STUDY NUMBER

**06037CV004F**

Version Number 2.3.3.2

# TABLE OF CONTENTS

## Volume 1

	<u>Page</u>
<b>SECTION 1.0 – INTRODUCTION</b>	<b>1</b>
1.1 The National Flood Insurance Program	1
1.2 Purpose of this Flood Insurance Study Report	2
1.3 Jurisdictions Included in the Flood Insurance Study Project	2
1.4 Considerations for using this Flood Insurance Study Report	18
<b>SECTION 2.0 – FLOODPLAIN MANAGEMENT APPLICATIONS</b>	<b>59</b>
2.1 Floodplain Boundaries	59
2.2 Floodways	60
2.3 Base Flood Elevations	61
2.4 Non-Encroachment Zones	61
2.5 Coastal Flood Hazard Areas	62
2.5.1 Water Elevations and the Effects of Waves	62
2.5.2 Floodplain Boundaries and BFEs for Coastal Areas	63
2.5.3 Coastal High Hazard Areas	64
2.5.4 Limit of Moderate Wave Action	66
<b>SECTION 3.0 – INSURANCE APPLICATIONS</b>	<b>66</b>
3.1 National Flood Insurance Program Insurance Zones	66
3.2 Coastal Barrier Resources System	69
<b>SECTION 4.0 – AREA STUDIED</b>	<b>70</b>
4.1 Basin Description	70
4.2 Principal Flood Problems	72
4.3 Non-Levee Flood Protection Measures	75
4.4 Levees	76

### Figures

Figure 1: FIRM Panel Index	20
Figure 2: FIRM Notes to Users	25
Figure 3: Map Legend for FIRM	28
Figure 4: Floodway Schematic	60
Figure 5: Wave Runup Transect Schematic	63
Figure 6: Coastal Transect Schematic	65

### Tables

Table 1: Listing of NFIP Jurisdictions	2
Table 2: Flooding Sources Included in this FIS Report	31
Table 3: Flood Zone Designations by Community	67
Table 4: Coastal Barrier Resources System Information	70
Table 5: Basin Characteristics	71
Table 6: Principal Flood Problems	72

	<u>Page</u>
Table 7: Historic Flooding Elevations	75
Table 8: Non-Levee Flood Protection Measures	76
Table 9: Levees	78

## Volume 2

<b>SECTION 5.0 – ENGINEERING METHODS</b>	<b>80</b>
5.1 Hydrologic Analyses	80
5.2 Hydraulic Analyses	115
5.3 Coastal Analyses	161
5.3.1 Total Stillwater Elevations	161
5.3.2 Waves	161
5.3.3 Coastal Erosion	162
5.4 Alluvial Fan Analyses	187
 <b>SECTION 6.0 – MAPPING METHODS</b>	 <b>188</b>
6.1 Vertical and Horizontal Control	188
6.2 Base Map	190

### Figures

Figure 7: Frequency Discharge-Drainage Area Curves	110
Figure 8: 1% Annual Chance Total Stillwater Elevations for Coastal Areas	162
Figure 9: Transect Location Map	179

### Tables

Table 10: Summary of Discharges	81
Table 11: Summary of Non-Coastal Stillwater Elevations	111
Table 12: Stream Gage Information used to Determine Discharges	114
Table 13: Summary of Hydrologic and Hydraulic Analyses	117
Table 14: Roughness Coefficients	157
Table 15: Summary of Coastal Analyses	161
Table 16: Tide Gage Analysis Specifics	163
Table 17: Coastal Transect Parameters	165
Table 18: Summary of Alluvial Fan Analyses	187
Table 19: Results of Alluvial Fan Analyses	188
Table 20: Countywide Vertical Datum Conversion	190
Table 21: Stream-Based Vertical Datum Conversion	191

### Volume 3

<b>SECTION 6.0 – MAPPING METHODS</b>	<b>188</b>
6.3 Floodplain and Floodway Delineation	191
6.4 Coastal Flood Hazard Mapping	229
6.5 FIRM Revisions	235
6.5.1 Letters of Map Amendment	235
6.5.2 Letters of Map Revision Based on Fill	236
6.5.3 Letters of Map Revision	236
6.5.4 Physical Map Revisions	237
6.5.5 Contracted Restudies	237
6.5.6 Community Map History	238

<b>SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION</b>	<b>243</b>
7.1 Contracted Studies	243
7.2 Community Meetings	265

<b>SECTION 8.0 – ADDITIONAL INFORMATION</b>	<b>277</b>
---	------------

<b>SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES</b>	<b>283</b>
--	------------

#### Tables

Table 22: Base Map Sources	191
Table 23: Summary of Topographic Elevation Data used in Mapping	193
Table 24: Floodway Data	194
Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams	229
Table 26: Summary of Coastal Transect Mapping Considerations	230
Table 27: Incorporated Letters of Map Change	236
Table 28: Community Map History	239
Table 29: Summary of Contracted Studies Included in this FIS Report	243
Table 30: Community Meetings	266
Table 31: Map Repositories	277
Table 32: Additional Information	283

### Volume 4

#### Tables

Table 33: Bibliography and References	284
---------------------------------------	-----

### Volume 5

#### Exhibits

Flood Profiles	<u>Panel</u>
Acton Canyon	001P - 004P
Agua Dulce Canyon Creek	005P - 013P

Agua Dulce Canyon Creek Lateral	014P
Aliso Canyon Creek	015P - 017P
Amargosa Creek	018P - 020P
Anaverde Creek	021P - 023P
Avalon Canyon	024P - 027P
Big Rock Wash	028P - 029P
Bouquet Canyon Creek	030P - 052P
Castaic Creek	053P - 057P
Cheseboro Creek	058P - 060P
Cold Creek	061P - 066P
Dark Canyon	067P - 068P
Dry Canyon	069P - 078P
Elsmere Canyon Creek	079P - 081P
Escondido Canyon	082P - 085P
Flow Along Empire Avenue	086P
Flowline No. 1	087P
Garapito Creek	088P- 090P
Hacienda Creek	091P

**Volume 6**  
Exhibits

Flood Profiles	<u>Panel</u>
Haskell Canyon	092P- 095P
Hasley Canyon Creek	096P- 101P
Hasley Canyon Creek Split	102P
Iron Canyon	103P- 107P
Kagel Canyon	108P -119P
Kentucky Springs Canyon Creek	120P -122P
La Mirada Creek	123P -127P
Las Flores Canyon	128P -131P
Las Virgenes Creek	132P -141P
Liberty Canyon	142P -143P
Lindero Canyon (Above Confluence with Medea Creek)	144P -145P
Lindero Canyon (Above Lake Lindero)	146P -151P
Lindero Canyon Spillway at Lake Lindero	152P
Lion Canyon	153P-155P
Little Rock Wash—Profile A	156P -159P
Little Rock Wash—Profile B	160P
Little Rock Wash—Profile C	161P
Lobo Canyon	162P -165P
Lockheed Drain Channel	166P -169P
Long Canyon	170P -172P

Lopez Canyon Channel	173P -174P
Los Angeles River Left Overbank Path 2	175P -178P
Los Angeles River Right Overbank Path 1	179P -181P

**Volume 7**  
Exhibits

Flood Profiles	<u>Panel</u>
Los Angeles River Right Overbank Path 2	182P
Malibu Creek	183P -185P
Madea Creek	186P -197P
Madea Creek (Above Ventura Freeway)	198P -199P
Mill Creek	200P -204P
Mint Canyon Creek	205P -217P
Mint Canyon Creek Overflow	218P -219P
Newhall Creek	220P -226P
Newhall Creek Left Overbank 2	227P
Newhall Creek Left Overbank 3	228P -229P
Newhall Creek Right Overbank 1	230P
North Overflow (A)	231P
North Overflow (B)	232P
Oak Springs Canyon	233P -235P
Oak Springs Canyon Overflow	236P
Old Topanga Canyon	237P -242P
Overflow Area of Lockheed Drain Channel	243P
Overflow Area of Lockheed Storm Drain	244P
Palo Comando Creek	245P -250P
Pico Canyon	251P -253P
Placerita Creek	254P -258P
Placerita Creek Overflow	259P -260P
Plum Canyon	261P
Potrero Canyon	262P -265P
Potrero Canyon Overflow	266P
Quigley Canyon Creek	267P -268P
Railroad Canyon Left Overbank	269P
Railroad Canyon	270P

**Volume 8**  
Exhibits

Flood Profiles	<u>Panel</u>
Ramirez Canyon	271P - 276P

Rio Hondo River Left Overbank Path 3	277P
Rio Hondo River Left Overbank Path 5	278P - 279P
Rio Hondo River Left Overbank Path 6	280P
Rustic Canyon	281P - 284P
San Francisquito Canyon Creek	285P - 292P
San Martinez Chiquito Canyon	293P - 297P
San Martinez Grande Canyon Creek	298P - 300P
Sand Canyon Creek	301P - 308P
Santa Clara River	309P - 339P
Santa Clara River Overflow	340P
Santa Maria Canyon	341P
Soledad Canyon	342P - 346P
South Fork Santa Clara River	347P - 350P
South Fork Santa Clara River Tributary	351P
Spade Spring Canyon Creek	352P - 357P
Stokes Canyon	358P - 361P
Texas Canyon Creek	362P

**Volume 9**  
Exhibits

Flood Profiles	<u>Panel</u>
Tick Canyon	363P - 365P
Topanga Canyon	366P - 390P
Towsley Canyon Creek	391P
Trancas Creek	392P
Triunfo Creek	393P - 397P
Unnamed Canyon (Serra Retreat Area)	398P - 399P
Unnamed Stream Main Reach	400P - 405P
Unnamed Stream Tributary 1	406P - 407P
Unnamed Stream Tributary 2	408P - 410P
Upper Los Angeles River Left Overbank	411P
Vasquez Canyon	412P - 413P
Weldon Canyon	414P - 415P
Whitney Canyon Creek	416P - 417P
Zuma Canyon	418P - 425P

**Published Separately**

Flood Insurance Rate Map (FIRM)



**Table 33: Bibliography and References**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
1977		<i>Topographic Map, Flood Plain Mapping Antelope Valley, Scale 1:6,000, Contour Interval 10 feet</i>			1977	
Abrams Aerial Survey Corporation, 1978	Abrams Aerial Survey Corporation	Aerial Photographs and Topographic Maps, Hermosa Beach, Redondo Beach, and King Harbor, Los Angeles County, California, Scale 1:4,800, Contour Interval 2 feet		City of Lansing, MI	October 1978	<a href="https://www.lansingmi.gov/840/Libraries">https://www.lansingmi.gov/840/Libraries</a>
Agoura Hills	City of Agoura Hills	Agoura Hills Draft General Plans		City of Agoura Hills, CA	undated	<a href="https://lacountylibrary.org/agoura-hills-library/">https://lacountylibrary.org/agoura-hills-library/</a>
Agoura Hills, 1993	City of Agoura Hills	"As-Built" Conditions Hydraulic Analysis for Medea Creek in Morrison Ranch		City of Agoura Hills, CA	December 6, 1993	<a href="https://lacountylibrary.org/agoura-hills-library/">https://lacountylibrary.org/agoura-hills-library/</a>
Analytical Surveys, Inc., 1988	Analytical Surveys, Inc.	City of Burbank Topographic Mapping, Scale 1"=100', Contour Interval 2 feet		City of Burbank, CA	May 1988	<a href="http://www.burbank.lib.ca.us/">http://www.burbank.lib.ca.us/</a>
Aqua Terra Consultants, 2009	Aqua Terra Consultants	Hydrologic Modeling of the Santa Clara River Watershed with the U.S. EPA Hydrologic Simulation Program – FORTRAN (HSPF)		Aqua Terra Consultants	November 25, 2009	<a href="http://www.aquaterra.com/">http://www.aquaterra.com/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Bellflower, 1991	City of Bellflower Chamber of Commerce			City of Bellflower, CA	July 1991	
Biola College	Biola College Campus	<i>Aerial Topographic Map, Scale 1:1200, Contour Interval 1 foot</i>		Biola College	*	<a href="http://www.biola.edu/">http://www.biola.edu/</a>
Burbank, 1975	City of Burbank	Base Map, Scale 1:12,000		City of Burbank, CA	1975	<a href="http://www.burbank.lib.ca.us/">http://www.burbank.lib.ca.us/</a>
Burbank, 1991	City of Burbank	Grading Drainage Plan, Tract Number 48473		City of Burbank, CA	March 1991	<a href="http://www.burbank.lib.ca.us/">http://www.burbank.lib.ca.us/</a>
California, 1968	State of California, Department of Public Works	Golden State Freeway and Sierra Highway Interchange Storm Drains, Contract No. 07-068324, Scale 1:600 (Horizontal) and 1:120 (Vertical)		State of California, Department of Public Works	April 1968	<a href="http://www.dir.ca.gov/Public-Works/PublicWorks.html">http://www.dir.ca.gov/Public-Works/PublicWorks.html</a>
California Coastal Commission, 1978	California Coastal Commission	<i>Wave Damage Along the California Coast, Winter 1977-78, California Tomorrow Environmental Intern Program</i>	Howe, Steve	California Coastal Commission	December 11, 1978	<a href="http://www.coastal.ca.gov/">http://www.coastal.ca.gov/</a>
California Geology, 1981	California Geology	<i>California Geology, "Tsunamis," pp. 58-61</i>	Pierzinski, Diane	California Geology	March 1981	<a href="http://redirect.conservation.ca.gov/CGS/information/calgeology/index.asp">http://redirect.conservation.ca.gov/CGS/information/calgeology/index.asp</a>
California Geology, 1979	California Geology	<i>California Geology, "Accelerated Beach-Cliff Erosion Related to Unusual Storms in Southern California"</i>	Kuhn, G.G. & Shephard, F.P.	California Geology	March 1979	<a href="http://redirect.conservation.ca.gov/CGS/information/calgeology/index.asp">http://redirect.conservation.ca.gov/CGS/information/calgeology/index.asp</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Caltrans, 1966	State of California, Division of Highways	Aerial Survey Contract No. 821, 07-LA-1, Downstream Malibu Creek, Scale 1: 1,200, Contour Interval 5 feet		State of California, Division of Highways	1966	<a href="http://www.dot.ca.gov/">http://www.dot.ca.gov/</a>
Caltrans, 1967	State of California, Division of Highways	Aerial Survey Contract No. 827, 07-LA/YEN-64, Scale 1: 1,200, Contour Interval 5 feet		State of California, Division of Highways	1967	<a href="http://www.dot.ca.gov/">http://www.dot.ca.gov/</a>
Caltrans, 1969	State of California, Division of Highways	Aerial Survey Contract No. 695, 07-LA-1, Las Virgenes Creek, Scale 1: 1,200, Contour Interval 5 feet		State of California, Division of Highways	1969	<a href="http://www.dot.ca.gov/">http://www.dot.ca.gov/</a>
Caltrans, 1987	California Department of Transportation	As Built Plans for Bridges Crossing the Los Angeles River: Interstate 1, 10, 101, 91, 105 (under construction), 405, and 710		City of Madera, CA	1987	<a href="http://www.dot.ca.gov/">http://www.dot.ca.gov/</a>
Coastal Engineering, 1980	Coastal Engineering	"Hurricane Eloise Spectra"	Lee, Y.K.	Coastal Engineering	1980	<a href="http://www.coastalengineeringcompany.com/">http://www.coastalengineeringcompany.com/</a>
DWR, 1986	California Department of Water Resources	Short Duration, Precipitation Frequency Data		Department of Water Resources	1986	<a href="http://www.water.ca.gov/">http://www.water.ca.gov/</a>
DWR, 1990	California Department of Water Resources	FEMA Maps for Palmdale Area		Department of Water Resources	April 1990	<a href="http://www.water.ca.gov/">http://www.water.ca.gov/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Los Angeles, California</i>		Washington D.C.	unpublished	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA	Federal Emergency Management Agency	<i>Flood Insurance Study, Los Angeles County, California (Unincorporated Areas)</i>		Washington D.C.	unpublished	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1976	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Redondo Beach, California</i>		Washington D.C.	1976	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1978	Federal Emergency Management Agency	<i>Flood Insurance Study, San Bernardino County, California (Unincorporated Areas)</i>		Washington D.C.	1978	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1978	Federal Emergency Management Agency	<i>Flood Insurance Study, City of San Dimas, California</i>		Washington D.C.	1978	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Lynwood, California</i>		Washington D.C.	1979	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Burbank, California</i>		Washington D.C.	1980	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Culver City, California</i>		Washington D.C.	1980	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, City of La Mirada, California</i>		Washington D.C.	1980	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA, 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Los Angeles, Los Angeles County, California</i>		Washington D.C.	September 1980	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Los Angeles, Los Angeles County, California</i>		Washington D.C.	December 1980	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Lynwood, California</i>		Washington D.C.	1980	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Montebello, California</i>		Washington D.C.	1980	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1981	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Whittier, California</i>		Washington D.C.	1981	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1982	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Lancaster, California</i>		Washington D.C.	1982	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1982	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Palmdale, California</i>		Washington D.C.	1982	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA 1983	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Long Beach, California</i>		Washington D.C.	1983	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA 1984	Federal Emergency Management Agency	<i>Coastal Flood Frequency in Southern California</i>	Donald M. Thomas, Dames & Moore	Washington D.C.	July 1984	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA, 1985	Federal Emergency Management Agency	<i>Flood Insurance Study, Los Angeles County, California (Unincorporated Areas)</i>		Washington D.C.	November 15, 1985	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1986	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Agoura Hills, Los Angeles County, California</i>		Washington D.C.	March 4, 1986; Revised December 18, 1986	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1989	Federal Emergency Management Agency	<i>Flood Insurance Study, Ventura County, California (Unincorporated Areas)</i>		Washington D.C.	January 1989	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1990	Federal Emergency Management Agency	<i>Flood Insurance Study, Ventura County, California (Unincorporated Areas)</i>		Washington D.C.	September 28, 1990	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1994	Federal Emergency Management Agency	<i>National Flood Insurance Program and Related Regulations</i>		Washington D.C.	October 1, 1994	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FEMA, 1999	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Burbank, California</i>		Washington D.C.	January 20, 1999	FEMA Map Service Center <a href="http://msc.fema.gov">http://msc.fema.gov</a>
FIA, 1975	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, City of Burbank, Los Angeles County, California, Scale 1:12,000</i>		Washington, D.C.	September 26, 1975	<a href="http://portal.hud.gov/hudportal/HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/HUD?src=/federal_housing_administration</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FIA, 1975	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, City of Santa Fe Springs, California, Scale 1:12,000</i>		Washington, D.C.	June 28, 1974; Revised October 3, 1975	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1975	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, City of Torrance, California, Scale 1:12,000</i>		Washington, D.C.	December 5, 1975	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1975	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, City of Whittier, California, Scale 1:12,000</i>		Washington, D.C.	December 12, 1975	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1976	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, City of Avalon, California, Scale 1:12,000</i>		Washington, D.C.	1976	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1976	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, City of Culver City, California, Scale 1:1,000</i>		Washington, D.C.	September 3, 1976	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1976	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, City of La Mirada, California, Scale 1:12,000</i>		Washington, D.C.	December 10, 1976	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FIA, 1976	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, City of Redondo Beach, Los Angeles County, California, Scale 1:12,000</i>		Washington, D.C.	June 1974; Revised May 1976	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1977	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, City of Fullerton, California</i>		Washington, D.C.	July 1977	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1978	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, City of Avalon, California</i>		Washington, D.C.	March 1978	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1978	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Hazard Boundary Map, Los Angeles County, California, Scale 1:24,000</i>		Washington, D.C.	October 24, 1978	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1979	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, City of Buena Park, California</i>		Washington, D.C.	February 1979	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1979	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, City of Hawthorne, California</i>		Washington, D.C.	1979	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>



**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FIA, 1979	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, Orange County, California (Unincorporated Areas)</i>		Washington, D.C.	September 1979	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1979	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, City of Torrance, California</i>		Washington, D.C.	1979	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1980	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, City of La Habra, California</i>		Washington, D.C.	February 1980	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1980	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, Los Angeles County, California (Unincorporated Areas)</i>		Washington D.C.	December 2, 1980	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FIA, 1980	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Flood Insurance Study, City of Santa Fe Springs, California</i>		Washington, D.C.	April 1980	<a href="http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration">http://portal.hud.gov/hudportal/ HUD?src=/federal_housing_administration</a>
FWA, 1944	Federal Works Agency	Lockheed Storm Drain, Construction Drawing		City of Los Angeles	November 1944	<a href="https://lacountylibrary.org/gardena-mayme-dear-library/">https://lacountylibrary.org/gardena-mayme-dear-library/</a>
Gardena, 1991	City of Gardena	Community Development Department Fact Sheet		City of Gardena, CA	1991	<a href="https://lacountylibrary.org/gardena-mayme-dear-library/">https://lacountylibrary.org/gardena-mayme-dear-library/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Hale, Inc., 1979	Hale, Haaland & Associates, Inc.	Hydraulic and Structural Calculations			February 1979	
Kemmerer, 1977	Kemmerer Engineering Co., Inc.	Plans and Profiles, Las Flores Avenue, Stamy Road to Imperial Highway, Scale 1:4800		Kemmerer Engineering Co., Inc.	October 1977	
La Mirada, 1966	City of La Mirada	Base Map, Scale 1:6,000		City of La Mirada, CA	1966	<a href="https://lacountylibrary.org/la-mirada-library/">https://lacountylibrary.org/la-mirada-library/</a>
La Mirada, 1977	City of La Mirada	Topographic Map, Scale 1:1,200, Contour Interval 2 feet: La Mirada Creek Flood Plain		City of La Mirada, CA	1977	<a href="https://lacountylibrary.org/la-mirada-library/">https://lacountylibrary.org/la-mirada-library/</a>
LA Times, 1960	Los Angeles Times	article on storm		Los Angeles Times	March 24, 1960	<a href="http://www.latimes.com/">http://www.latimes.com/</a>
LA Times, 1964	Los Angeles Times	article on storm		Los Angeles Times	March 29, 1964	<a href="http://www.latimes.com/">http://www.latimes.com/</a>
LACFD, 1933	Los Angeles County Flood Control District	Flood Overflow Maps - Los Angeles County, California, Scale 1:24,000		Los Angeles County Flood Control District	1933	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1950	Los Angeles County Flood Control District	Flood Overflow Maps, City of Culver City, California, Developed from USGS 1950 Topographic Map		Los Angeles County Flood Control District		<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1961	Los Angeles County Flood Control District	Kagel Canyon, Topographic Map, Scale 1:480, Contour Interval 2 feet		Los Angeles County Flood Control District	April 1961; June 1961	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
LACFD, 1963	Los Angeles County Flood Control District	Rustic Canyon, Topographic Map, Scale 1:480, Contour Interval 2 feet		Los Angeles County Flood Control District	October 1963	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1968	Los Angeles County Flood Control District	Topographic Mapping for Lindero Canyon, Scale 1:480, Contour Interval 2 foot		Los Angeles County Flood Control District	1968	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1968	Los Angeles County Flood Control District	Topographic Mapping for Medea Creek, Scale 1:480, Contour Interval 2 feet		Los Angeles County Flood Control District	1968	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1971	Los Angeles County Flood Control District	Hydrology Manual		Los Angeles County Flood Control District	1971	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1976	Los Angeles County Flood Control District	Survey Field Book, Flood Insurance Studies		Los Angeles County Flood Control District	1976	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1977	Los Angeles County Flood Control District	<i>Field Book FC-3405</i>		Los Angeles County Flood Control District	November 1977	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1977	Los Angeles County Flood Control District	<i>Field Book FC-3405, Elevation Reference Marks</i>		Los Angeles County Flood Control District	November 1977	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1977	Los Angeles County Flood Control District	<i>Field Book FC-3405, Engineering Methodology for Flood Insurance Studies</i>		Los Angeles County Flood Control District	November 1977	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1978	Los Angeles County Flood Control District	Mill Creek Topographic Map, Scale 1:1,200, Contour Interval 2 feet		Los Angeles County Flood Control District	1978	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
LACFD, 1978	Los Angeles County Flood Control District	Project No. 8152, Avenue Hump, Map No. 470-8152-TI, Scale 1:480, Contour Interval 2 feet		Los Angeles County Flood Control District	1978	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1982	Los Angeles County Flood Control District	Empire and Lockheed System Hydrology Study		Los Angeles County Flood Control District	May 1982	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1982	Los Angeles County Flood Control District	Hydraulic Analysis of Lockheed Channel		Los Angeles County Flood Control District	August 1982	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1982	Los Angeles County Flood Control District	Hydrologic Report 1975-77		Los Angeles County Flood Control District	October 1982	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
LACFD, 1983	Los Angeles County Flood Control District	1983 Storm Report		Los Angeles County Flood Control District	June 1983	<a href="http://dpw.lacounty.gov/lacfd/">http://dpw.lacounty.gov/lacfd/</a>
Lakewood, 1990	Greater Lakewood Chamber of Commerce	Community Economic Profile for Lakewood		Los Angeles County, CA	May 1990	<a href="http://www.lakewoodchamber.com/">http://www.lakewoodchamber.com/</a>
Lockheed Engineering, 1993	Lockheed Engineering and Science Co.	Final Grading and Drainage for Plant B-1		Lockheed Engineering and Science Co.	October 1993	<a href="http://www.lockheedmartin.com/">http://www.lockheedmartin.com/</a>
Long Beach 1955	City of Long Beach	Beach-Alamitos Avenue to San Gabriel River		City of Long Beach, CA	1955	<a href="http://www.longbeach.gov/library">http://www.longbeach.gov/library</a>
Long Beach, 1987	City of Long Beach, California, Department of Public Works	National Geodetic Vertical Datum 1929		City of Long Beach, CA Department of Public Works	1929, 1987	<a href="http://www.longbeach.gov/library">http://www.longbeach.gov/library</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Long Beach Harbor, 1977	Long Beach Harbor Department	TP - for Los Angeles and Long Beach Harbors from Primary Tide Station Located at Los Angeles Outer Harbor		City of Long Beach, CA	1977	<a href="http://www.polb.com/">http://www.polb.com/</a>
Long Beach Independent, 1939	Long Beach Independent (and Long Beach News-Signal)	various articles on storms and waves		Long Beach Independent (and Long Beach News-Signal)	September 26, 1939	<a href="http://www.longbeachindependent.com/">http://www.longbeachindependent.com/</a>
Long Beach Press, 1939	Long Beach Press-Telegram	various articles on storms and waves		Long Beach Press-Telegram	September 25, 1939	<a href="http://www.presstelegram.com/">http://www.presstelegram.com/</a>
Los Angeles	City of Los Angeles	Drainage Maps, Scale 1:4,800, Contour Intervals 5 and 25 feet		City of Los Angeles, CA	updated periodically	<a href="https://www.lapl.org/">https://www.lapl.org/</a>
Los Angeles, 1935	City of Los Angeles	Plans and Profile, Weldon Canyon, Scale 1:480 (Horizontal) and 1:48 (Vertical)		City of Los Angeles, CA	October 1935	<a href="https://www.lapl.org/">https://www.lapl.org/</a>
Los Angeles, 1967	City of Los Angeles	Topographic Map, Bixby Slough; Between 232nd Street and Anaheim Street, Scale 1:1,200, Contour Interval 2 feet		City of Los Angeles, CA	February 1967	<a href="https://www.lapl.org/">https://www.lapl.org/</a>
Los Angeles, 1977	City of Los Angeles	Drainage Maps, Los Angeles, California, Scale 1:12,000		City of Los Angeles, CA	1977	<a href="https://www.lapl.org/">https://www.lapl.org/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Los Angeles County, 1989	Downey Chamber of Commerce	Community Economic Profile for Downey, Los Angeles County, California		Los Angeles County, CA	February 1989	<a href="http://www.downeychamber.com/">http://www.downeychamber.com/</a>
Los Angeles County, 1955	Los Angeles County, County Engineer	Soil Survey Map of Eastern End of Santa Catalina Island	Santa Catalina Island Company	County of Los Angeles	1955	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1957	Los Angeles County, County Engineer	Topographic Map of Carbon Canyon and Las Flores Canyon, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1957	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1957	Los Angeles County, County Engineer	Topographic Map of Escondido Canyon, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1957	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1957	Los Angeles County, County Engineer	Topographic Map of Romero Canyon, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1957	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1957	Los Angeles County, County Engineer	Topographic Map of Zuma Canyon, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1957	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1964	Los Angeles County, County Engineer	Topographic Map of Topanga Canyon Road et al., Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1964	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Los Angeles County, 1965	Los Angeles County, County Engineer	Topographic Map of Stokes Canyon Road, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1965	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1965	Los Angeles County, County Engineer	Topographic Map of Stunt Road, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1965	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1966	Los Angeles County, County Engineer	Topographic Map of Topanga Canyon Road, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1966	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1967	Los Angeles County, County Engineer	Topographic Map of Corral Canyon Road, Scale 1:2,400, Contour Interval 5 feet		Los Angeles County, CA	1967	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1967	Los Angeles County, County Engineer	Topographic Map of Topanga Road South, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1967	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1969	Los Angeles County, County Engineer	Flood Overflow Maps, North County, Scale 1:24,000, Contour Interval 5 feet, Alpine Butte, California, 1969	County Engineer	Los Angeles County, CA	1969	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1969	Los Angeles County, County Engineer	Flood Overflow Maps, North County, Scale 1:24,000, Contour Interval 5 feet, Lancaster East, California, 1969	County Engineer	Los Angeles County, CA	1969	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Los Angeles County, 1969	Los Angeles County, County Engineer	Flood Overflow Maps, North County, Scale 1:24,000, Contour Interval 5 feet, Lancaster West, California, 1969	County Engineer	Los Angeles County, CA	1969	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1969	Los Angeles County, County Engineer	Topographic Map of Cold Canyon Road, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1969	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1971	Los Angeles County, County Engineer	Topographic Map of Lobe Canyon Road, Scale 1:1,200, Contour Interval 5 feet		Los Angeles County, CA	1971	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1972	Los Angeles County, County Engineer	Topographic Map of Antelope Valley Drainage Study, Scale 1:6,000, Contour Interval 10 feet	County Engineer	Los Angeles County, CA	1972	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1972	Los Angeles County, County Engineer	Topographic Map of Antelope Valley Drainage Study, Scale 1:6,000, Contour Interval 4 feet	County Engineer	Los Angeles County, CA	1972	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1972	Los Angeles County, County Engineer	Topographic Map of Antelope Valley Drainage Study, Scale 1:6,000, Contour Interval 5 feet	County Engineer	Los Angeles County, CA	1972	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1973	Los Angeles County, County Engineer	Rainfall Records - City of Avalon, Gage No. 535 (1947-1973)	Santa Catalina Island Company	County of Los Angeles	1973	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>



**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Los Angeles County, 1975	Los Angeles County, County Engineer	Topographic Map of City of Santa Catalina Island, Scale 1:6,000, Contour Interval 10 feet	Santa Catalina Island Company	County of Los Angeles	1975	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1977	Los Angeles County, County Engineer	Topographic Map of Floodplain Mapping - Santa Clarita Valley, Scale 1:6,000, Contour Interval 10 feet	County Engineer	Los Angeles County, CA	1977	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1979	Los Angeles County, County Engineer	Construction Drawings PM 100203, PD No. 1231	County Engineer	Los Angeles County, CA	September 6, 1979	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1979	Los Angeles County, County Engineer	Construction Drawings PM 7982, PD No. 1378	County Engineer	Los Angeles County, CA	August 17, 1979	<a href="http://www.lacounty.gov/">http://www.lacounty.gov/</a>
Los Angeles County, 1979	Los Angeles County Department of Public Works	Cross Section Field Notes for Medea Creek		Los Angeles County, CA	September 4, 1979	<a href="http://dpw.lacounty.gov/">http://dpw.lacounty.gov/</a>
Los Angeles County, 1979	Los Angeles County Department of Public Works	Flood Insurance Study Work Map		Los Angeles County Department of Public Works	September 25, 1979	<a href="http://dpw.lacounty.gov/">http://dpw.lacounty.gov/</a>
Los Angeles County, 1987	Los Angeles County Department of Public Works	Antelope Valley Comprehensive Plan of Flood Control and Water Conservation		Los Angeles County Department of Public Works	June 1987	<a href="http://dpw.lacounty.gov/">http://dpw.lacounty.gov/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Los Angeles County, 1975	Los Angeles County, Regional Planning Department	North Los Angeles County General Plan		Los Angeles County, CA	1975	<a href="http://planning.lacounty.gov/">http://planning.lacounty.gov/</a>
Los Angeles County, 1977	Los Angeles County, Regional Planning Department	<i>Quarterly Bulletin No. 135, Population Research</i>		Los Angeles County, CA	January 1977	<a href="http://planning.lacounty.gov/">http://planning.lacounty.gov/</a>
Maxwell Starkman, 1978	Maxwell Starkman ALA and Associates, J.H. Edwards Company	<i>Grading Plan for Parcel 1, Parcel Map Tor. 66-5 1 PMB 4/89-90, Scale 1:480, Contour Interval 1 foot</i>		Maxwell Starkman ALA and Associates, J.H. Edwards Company	October 26, 1978	
McEwen, 1935	McEwen, C. F.	<i>Destructive High Waves Along the Southern California Coast</i>	McEwen, C. F.		April 1935 Photorevised (1967); Venice, California (1964), Photorevised (1972)	
Montebello, 1958	City of Montebello	Aerial Topographic Maps, Scale 1:1,200 Contour Interval 2 feet		City of Montebello, CA	1958	<a href="https://lacountylibrary.org/montebello-library/">https://lacountylibrary.org/montebello-library/</a>
NGS	U.S. Department of Commerce, Coast and Geodetic Survey; and National Oceanic and Atmospheric Administration	Bathymetric Charts, California Coastline		NGS, NOAA		<a href="http://www.noaa.gov/">http://www.noaa.gov/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
NGS, 1941	U.S. Department of Commerce, Coast and Geodetic Survey	<i>Manual of Harmonic Analysis and Prediction of Tides</i> , Special Publication No. 98	Shureman, P.	National Geodetic Survey	1941	<a href="http://www.commerce.gov/">http://www.commerce.gov/</a> <a href="http://www.ngs.noaa.gov/">http://www.ngs.noaa.gov/</a>
NOAA, 1979	U.S. Department of Commerce, National Oceanic and Atmospheric Administration	<i>Monthly Weather Review</i>		NOAA	1976-1979	<a href="http://www.noaa.gov/">http://www.noaa.gov/</a>
OWI, 2009	Oceanweather Inc.	<i>California Pacific Coastal Studies (Southern Coastal Counties); High Resolution Deep Water Wave Climate Forcing Development 1960-2009</i>	Oceanweather Inc.		2009	
Palmdale, 1985	City of Palmdale	Service Level Report		City of Palmdale, CA	August 22, 1985	<a href="http://www.cityofpalmdale.org/Library">http://www.cityofpalmdale.org/Library</a>
Rick Engineering Company, 1985	Rick Engineering Company	<i>Topographic Map of Little Rock Wash, Scale 1"=400' Contour Interval 4 feet</i>		Rick Engineering Company	February 1985	<a href="http://www.rickengineering.com/">http://www.rickengineering.com/</a>
Santa Catalina Island Company, 1962	Santa Catalina Island Company	Topographic Map of City of Avalon, California, Scale 1:2,400, Contour Intervals 2 and 5 feet		Santa Catalina Island Company	1962	
Santa Fe Springs	City of Santa Fe Springs	Miscellaneous Engineering Drawings of Street Plans and Profiles, various scales		City of Santa Fe Springs, CA	various	<a href="https://www.santafesprings.org/library/">https://www.santafesprings.org/library/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
SIO, 2014	Scripps Institute of Oceanography	<i>California Open Pacific Coast: Southern California Shallow Water Wave Climates SHELF Model Hindcast. California Coastal Analysis and Mapping Project: Open Pacific Coast Phase II</i>	SIO		2014	
Simons, 1992	Simons, Li & Associates, Inc.	Design Report, Rehabilitation Concept Plan for Medea Creek in Morrison Ranch	Simons, Li & Associates, Inc.	Simons, Li & Associates, Inc	October 7, 1992	
Tetra Tech, 1979	Tetra Tech, Inc.	Methodology for Computing Coastal Flooding Statistics in Southern California, Report No. TC-3205	Y.K. Lee et al.	Tetra Tech, Inc.	December 1979	<a href="http://www.tetrattech.com">www.tetrattech.com</a>
Tetra Tech, 1982	Tetra Tech, Inc.	Methodology for Computing Coastal Flood Statistics in Southern California, Report No. TC-3205		Tetra Tech, Inc.	1982	<a href="http://www.tetrattech.com">www.tetrattech.com</a>
Torrence, 1968	City of Torrance	Base Map, 1968		City of Torrance, CA	1968	<a href="https://www.library.torranceca.gov/">https://www.library.torranceca.gov/</a>
UCLA, 1972	University of California, Los Angeles	<i>Some Meteorological Aspects of the Seasonal Distribution of Precipitation in the Western United States and Baja California</i> , Water Resource Center Contribution No. 139	Pyke, C.B.	University of California	October 1972	<a href="http://www.universityofcalifornia.edu/">http://www.universityofcalifornia.edu/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE	U.S. Department of the Army, Corps of Engineers	<i>Flood Insurance Study, City of Burbank, California, Preliminary Draft</i>		Washington, D.C.	Unpublished	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USACE, 1971	U.S. Department of the Army, Corps of Engineers	Santa Clara River and Tributaries, California, Interim Review Report for Flood Control			December 1971	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USACE, 1981	U.S. Department of the Army, Corps of Engineers, Hydrologic Engineering Center	HEC-1 Flood Hydrograph Package, Generalized Computer Program, User's Manual		Davis, CA	1981	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USACE, 1976	U.S. Department of the Army, Corps of Engineers, Hydrologic Engineering Center	Computer Program HEC-2 Water Surface Profiles, Generalized Computer Program		Davis, CA	November 1976	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USACE, 1982	U.S. Department of the Army, Corps of Engineers, Hydrologic Engineering Center	HEC-5 Simulation of Flood Control and Conservation Systems, User's Manual		Davis, CA	1982	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article," Volume, Number, etc.</i>	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE, 1984	U.S. Department of the Army, Corps of Engineers, Hydrologic Engineering Center	Computer Program HEC-2 Water Surface Profiles, Generalized Computer Program		Davis, CA	May 1984	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USACE, 1985	U.S. Department of the Army, Corps of Engineers, Hydrologic Engineering Center	HEC-2 Water-Surface Profiles, Generalized Computer Program		Davis, CA	1985	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USACE, 1990	U.S. Department of the Army, Corps of Engineers, Hydrologic Engineering Center	HEC-1 Flood Hydrograph Package, Generalized Computer Program		Davis, CA	September 1990	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USACE, 1990	U.S. Department of the Army, Corps of Engineers, Hydrologic Engineering Center	HEC-2 Water-Surface Profiles, Generalized Computer Program		Davis, CA	September 1990	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USACE, 1976	U.S. Department of the Army, Corps of Engineers, Los Angeles District	Hydrology - Antelope Valley Streams			1976, unpublished	<a href="http://www.spl.usace.army.mil/">http://www.spl.usace.army.mil/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article," Volume, Number, etc.</i>	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE, 1978	U.S. Department of the Army, Corps of Engineers, Los Angeles District	Overflow Maps for Areas along the Los Angeles River		Los Angeles, California	1978	<a href="http://www.spl.usace.army.mil/">http://www.spl.usace.army.mil/</a>
USACE, 1987	U.S. Department of the Army, Corps of Engineers, Los Angeles District	As Built Plans for Los Angeles River: Channel and Bridges from Arroyo Seco to Pacific Ocean, 1987, and As Constructed Plans for San Gabriel River Channel from Whittier Narrows Dam to the Pacific Ocean, 1969			1987 and 1969	<a href="http://www.spl.usace.army.mil/">http://www.spl.usace.army.mil/</a>
USACE, 1987	U.S. Department of the Army, Corps of Engineers, Los Angeles District	Letter of Certification for Middle Reach		Los Angeles, California	September 1987	<a href="http://www.spl.usace.army.mil/">http://www.spl.usace.army.mil/</a>
USACE, 1987	U.S. Department of the Army, Corps of Engineers, Los Angeles District	Overflow Maps for Areas Along the Los Angeles River		Los Angeles, California	1987	<a href="http://www.spl.usace.army.mil/">http://www.spl.usace.army.mil/</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	<i>Publication Title,</i> "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE, 1990	U.S. Department of the Army, Corps of Engineers, Los Angeles District	Los Angeles County Drainage Area Review Draft Feasibility Report, Appendix A		Los Angeles, California	Hydraulic July 1989; Hydrology, February 1990	<a href="http://www.spl.usace.army.mil/">http://www.spl.usace.army.mil/</a>
USACE, 1978	U.S. Department of the Army, Corps of Engineers, Los Angeles and San Francisco Districts	Winter Storm Damage Along the California Coast	Domurat, George W.		1977-78	<a href="http://www.spl.usace.army.mil/">http://www.spl.usace.army.mil/</a>
USACE, 1971	U.S. Department of the Army, Corps of Engineers, South Pacific Division	National Shoreline Study; California Regional Inventory			August 1971	<a href="http://www.spd.usace.army.mil/">http://www.spd.usace.army.mil/</a>
USACE, 1980	U.S. Department of the Army, Corps of Engineers, Waterways Experiment Station	Type 19 Flood Insurance Study: Tsunami Predictions for Southern California, prepared for the Federal Emergency Management Agency	Houston, J.R.	Washington, D.C.	September 1980	<a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a>
USDA, 1921	U.S. Department of Agriculture, Soil Conservation Service	Reconnaissance Soil Survey of the Central Southern Area, California		U.S. Department of Agriculture, Soil Conservation Service	1921	<a href="http://www.nrcs.usda.gov/wps/portal/nrcs/site/national/home/">http://www.nrcs.usda.gov/wps/portal/nrcs/site/national/home/</a>



**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USDA, 1963	U.S Department of Agriculture, Soil Conservation Service	Guide for Selecting Roughness coefficient 'n' Values for Channels		Lincoln, NE	December, 1963	<a href="http://www.nrcs.usda.gov/wps/portal/nrcs/site/national/home/">http://www.nrcs.usda.gov/wps/portal/nrcs/site/national/home/</a>
U.S. Census, 1980	U.S. Department of Commerce, Bureau of the Census	1980 Census of Population, California		Washington D.C.	March 1982	<a href="http://www.census.gov/">http://www.census.gov/</a>
U.S. Census, 1980	U.S. Department of Commerce, Bureau of the Census	PC(l)-A6, Number of Inhabitants, California		Washington D.C.	1980	<a href="http://www.census.gov/">http://www.census.gov/</a>
U.S. Census, 1990	U.S. Department of Commerce, Bureau of the Census	Census of Population		Washington D.C.	1991	<a href="http://www.census.gov/">http://www.census.gov/</a>
USGS, 1932	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 5 feet: Orange, California, 1932</i>		Washington, D.C.	1923	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1950	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 25 feet: Malibu Beach, California, 1950</i>		Washington, D.C.	1950	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS 1950	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet: Thousand Oaks, California, 1950</i>		Washington, D.C.	1950	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS, 1964	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 5 feet, Long Beach, California, 1964</i>		Washington, D.C.	1964	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1964	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 5 feet: Los Alamitos, California, 1964</i>		Washington, D.C.	1964	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1964	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 5 feet, South Gate, California, 1964</i>		Washington, D.C.	1964	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1966	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet, Los Angeles, California, 1966</i>		Washington, D.C.	1966	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1967	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 25 feet, Calabasas, California, 1952, Photorevised, 1967</i>		Washington, D.C.	1967	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS, 1967	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Intervals 25 feet: Malibu Beach, California, 1950, Photorevised, 1967</i>		Washington, D.C.	1967	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1967	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Intervals 25 feet: Point Dume, California, 1950, Photorevised, 1967</i>		Washington, D.C.	1967	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1967	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet, Thousand Oaks, California, 1950, Photorevised, 1967</i>		Washington, D.C.	1967	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1967	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Intervals 25 feet: Topanga, California, 1952, Photorevised, 1967</i>		Washington, D.C.	1967	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1967	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Intervals 25 feet: Triunfo Pass, California, 1949, Photorevised, 1967</i>		Washington, D.C.	1967	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 5 feet: Anaheim, California, 1965, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet: Beverly Hills, California, 1966, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 40 feet, Burbank, California, 1966, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet: El Monte, California, 1966 Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 5 feet: Hollywood, California, 1966, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 5 feet: Inglewood, California, 1964, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet: La Habra, California, 1964, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 5 feet: Los Alamitos, California, 1964, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 5 feet: Newport Beach, California, 1965, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 20 feet: Orange, California, 1964, Photorevised, 1972</i>		Washington, D.C.	1974	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 20 feet: Redondo Beach, California, 1963, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 20 feet: Torrance, California, 1964, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 10 feet: Venice, California, 1964, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1972	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet: Whittier, California, 1965, Photorevised, 1972</i>		Washington, D.C.	1972	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1973	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series, Topographic Maps, Scale 1:24,000, Contour Interval 5 feet: Seal Beach, California, 1965, Photorevised, 1973</i>		Washington, D.C.	1973	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS, 1973	U.S. Department of the Interior, Geological Survey	Map of Flood-Prone Areas, Scale 1:24,000, Contour Interval 10 feet, Avalon, California, 1973		Washington, D.C.	1973	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1973	U.S. Department of the Interior, Geological Survey	Map of Flood-Prone Areas, Scale 1:24,000, Contour Interval 10 feet: Santa Catalina Island East, California, 1973		Washington, D.C.	1973	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>
USGS, 1977	U.S. Department of the Interior, Geological Survey	<i>Journal of Research</i> , "A Method for Adjusting Values of Manning's Roughness Coefficient for Flooded Urban Areas," Volume 5, Number 5	Hejl Jr., H. R.	City of Lawrence, KS	October 1977	
USGS, 1977	U.S. Department of the Interior, Geological Survey	<i>Magnitude and Frequency of Floods in California</i> , Water-Resources Investigations 77-21	A. O. Waananen, J. R. Crippen	Washington, D.C.	1977	<a href="http://pubs.usgs.gov/wri/wri77-21/">http://pubs.usgs.gov/wri/wri77-21/</a>
USGS, 1981	U.S. Department of the Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet, Thousand Oaks, California, 1950, Photorevised 1981</i>		Washington, D.C.	1981	<a href="http://topomaps.usgs.gov">http://topomaps.usgs.gov</a>

**Table 33: Bibliography and References, continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS, 2009-2011	USGS	<i>LiDAR OPC/USGS 2009-2011 and BATH NOAA</i>			2009-2011	
Whittier, 1968	City of Whittier	Base Map, 1968		City of Whittier, CA	1968	<a href="https://www.whittierlibrary.org/">https://www.whittierlibrary.org/</a>
Whittier, 1955	City of Whittier	Metropolitan Topographic Survey, Scale 1:24,000, Contour Interval 5 feet		City of Whittier, CA	1955	<a href="https://www.whittierlibrary.org/">https://www.whittierlibrary.org/</a>

N/A = Not Available