



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Napa Napa County California	BRIDGE CHANNELIZATION CULVERT WEIR STRUCTURE FILL EXCAVATION	FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA BASE MAP CHANGES
	COMMUNITY NO.: 060207		
IDENTIFIER	Napa Creek Flood Protection Project	APPROXIMATE LATITUDE & LONGITUDE: 38.300, -122.296 SOURCE: USGS QUADRANGLE DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 06055C0516F DATE: September 29, 2010		DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: September 29, 2010 PROFILE(S): 04P-05P FLOODWAY DATA TABLE: 9	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map; ** FBFM - Flood Boundary and Floodway Map; *** FHBM - Flood Hazard Boundary Map

FLOODING SOURCE(S) & REVISED REACH(ES)

Napa Creek – from approximately 100 feet downstream of First Street to approximately 200 feet upstream of State Route 29

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Napa Creek	Zone AE	Zone AE	YES	YES
	BFEs*	BFEs	NONE	YES
	Floodway	Floodway	YES	YES

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

A handwritten signature in black ink, appearing to read "Luis Rodriguez".

Luis Rodriguez, P.E., Chief
Engineering Management Branch
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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

This revision has met our criteria for removing an area from the 1-percent-annual-chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base (1-percent-annual-chance) Flood Elevation.

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jeff Lusk
Acting Director, Mitigation Division
Federal Emergency Management Agency, Region IX
1111 Broadway Street, Suite 1200
Oakland, CA 94607-4052
(510) 627-7175

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Conn Creek								
A	22,704	200	910	8.8	159.0	159.0	159.0	0.0
B	25,782	350	1,770	4.5	165.6	165.6	165.8	0.2
C	27,984	350	1,250	6.4	170.7	170.7	171.4	0.7
D	30,880	500	1,450	5.5	183.5	183.5	184.0	0.5
Milliken Creek								
A	5,800	535	1,880	2.4	35.7	35.7	36.7	1.0
B	8,000	105	760	5.9	44.4	44.4	44.4	0.0
C	8,700	135	510	8.9	50.7	50.7	51.6	0.9
D	10,500	125	880	5.1	63.2	63.2	63.3	0.1
Napa Creek								
A	4,479	97	906	4.7	35.9	35.9	35.9	0.0
B	4,777	124	1,143	3.8	36.9	36.9	36.9	0.0
C	5,291	75	623	6.9	37.3	37.3	37.3	0.0
D	5,957	66	59	7.3	39.8	39.8	39.8	0.0
E	9,408	63	551	7.8	41.4	41.4	41.4	0.0
F	7,094	69	580	7.4	43.7	43.7	43.7	0.0
G	7,469	114	1,072	4.0	45.3	45.3	45.3	0.0
H	8,126	74	542	7.9	48.7	48.7	48.7	0.0
I	9,965	--- ³	610	5.7	55.1	55.1	55.1	0.0
J	13,672	--- ³	140	7.9	94.4	94.4	94.4	0.0

REVISED DATA

¹ Feet above confluence with Napa River

² Bank-to-bank width flood contained in channel

³ Computed floodway is inside channel banks

REVISED TO REFLECT LOMR EFFECTIVE: November 12, 2014

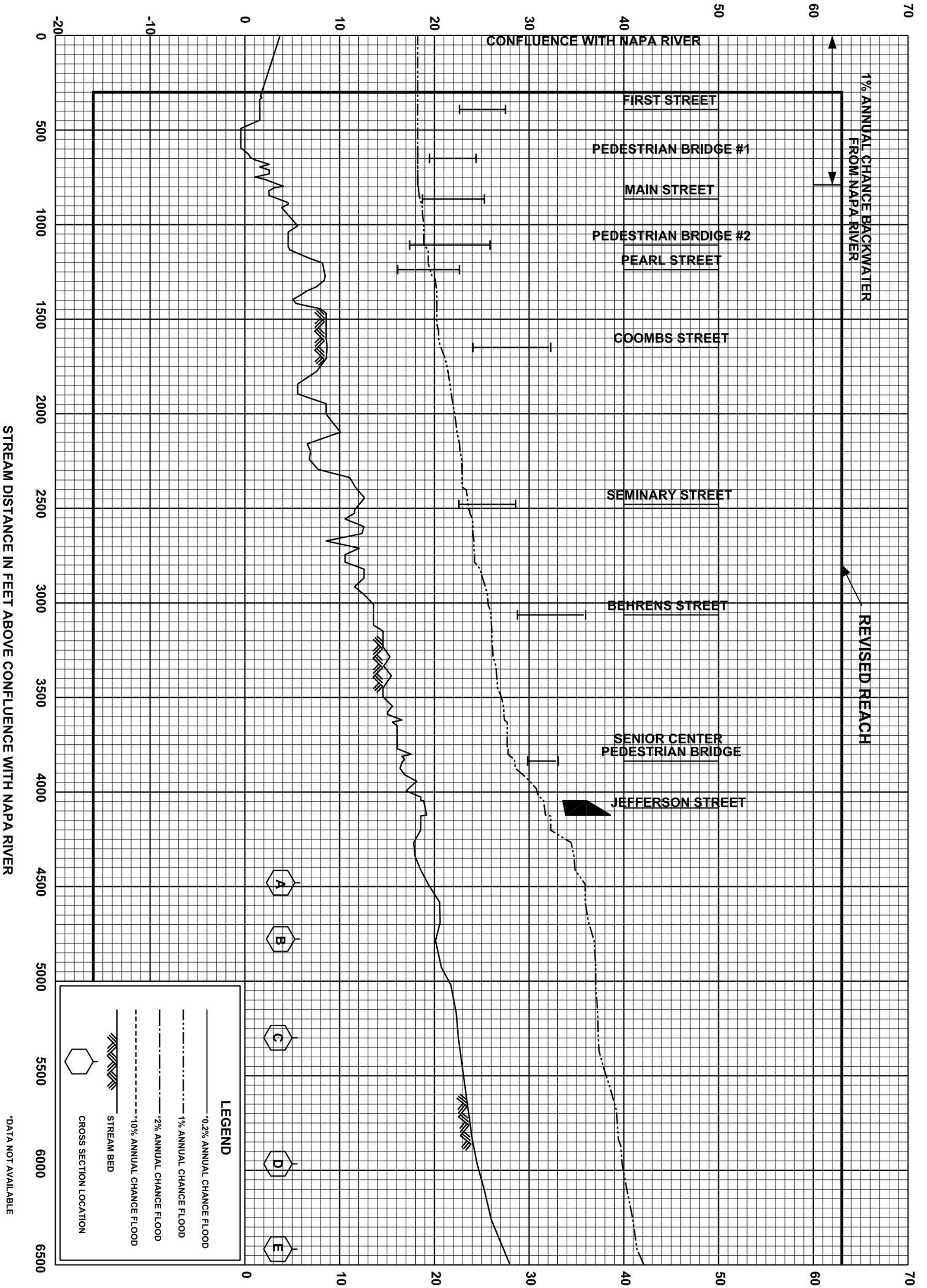
TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
NAPA COUNTY, CA
 AND INCORPORATED AREAS

FLOODWAY DATA

CONN CREEK - MILLIKEN CREEK - NAPA CREEK

ELEVATION IN FEET (NAVD 88)



REVISED TO REFLECT LOMR EFFECTIVE: November 12, 2014

FEDERAL EMERGENCY MANAGEMENT AGENCY

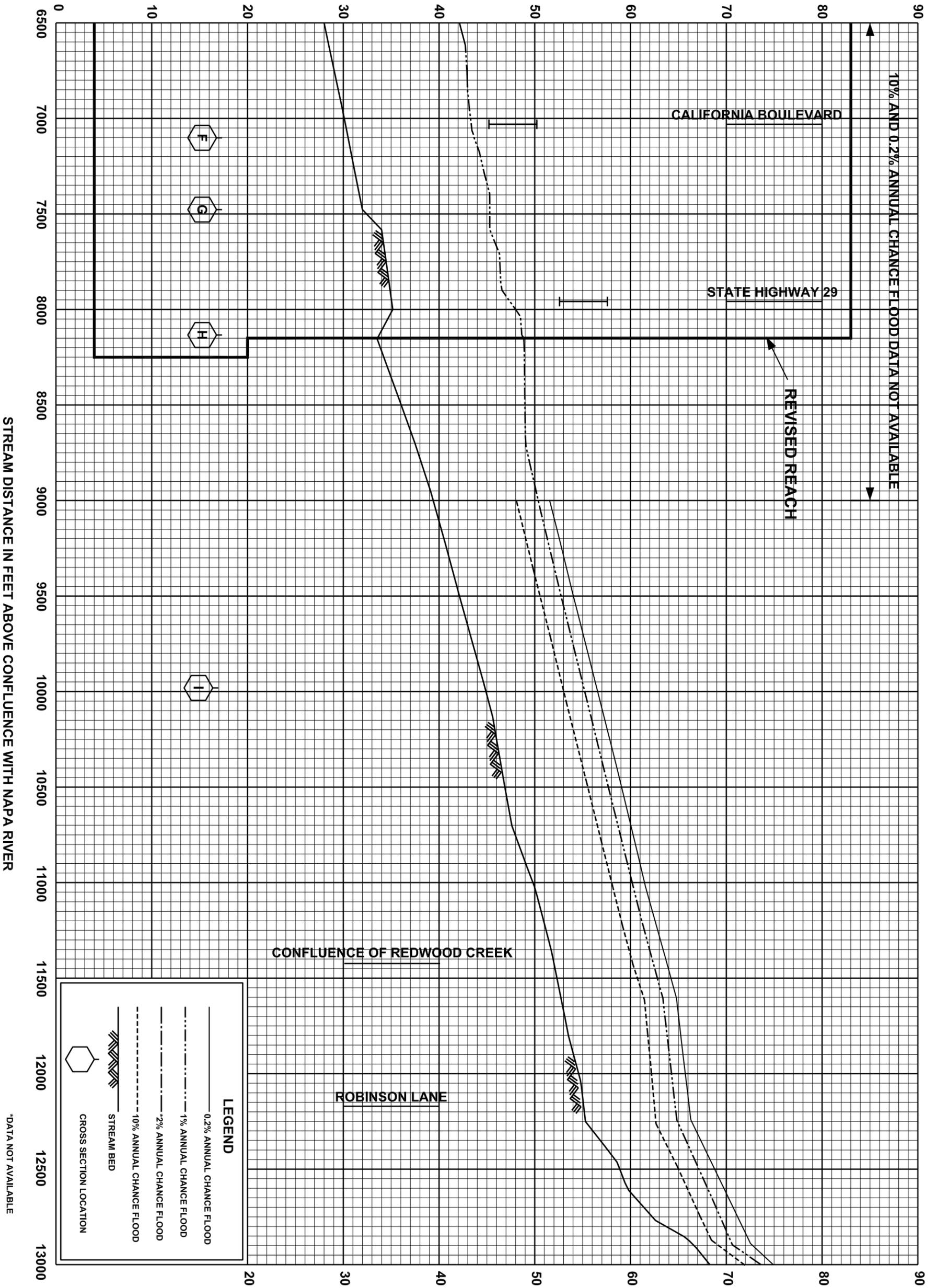
FLOOD PROFILES

04P

NAPA COUNTY, CA AND INCORPORATED AREAS

NAPA CREEK

ELEVATION IN FEET (NAVD 88)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH NAPA RIVER

*DATA NOT AVAILABLE

LEGEND

- 0.2% ANNUAL CHANGE FLOOD
- - - 1% ANNUAL CHANGE FLOOD
- · - · 2% ANNUAL CHANGE FLOOD
- · · · 10% ANNUAL CHANGE FLOOD
- STREAM BED
- ⬮ CROSS SECTION LOCATION

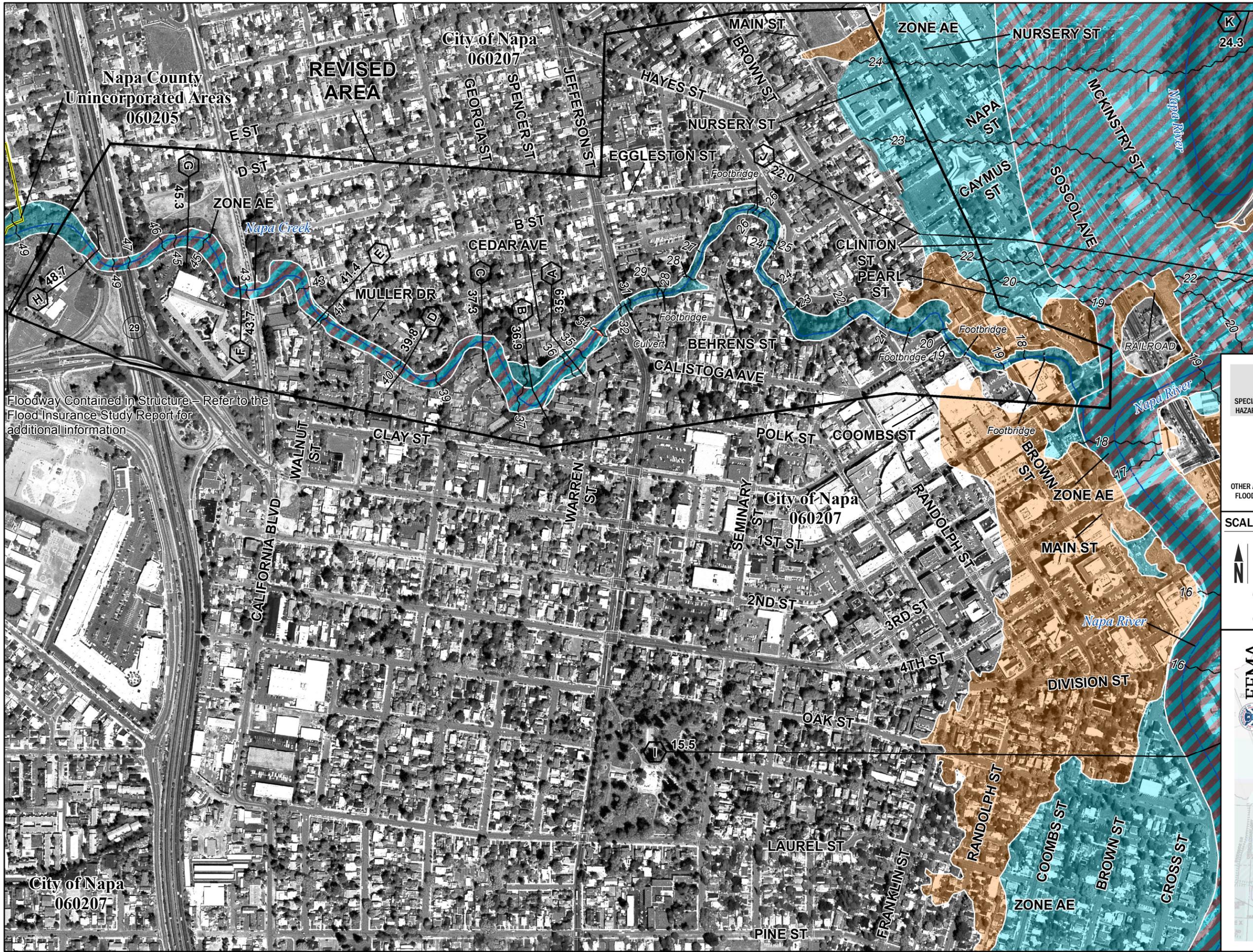
REVISED TO REFLECT LOMR EFFECTIVE: November 12, 2014

FEDERAL EMERGENCY MANAGEMENT AGENCY

NAPA COUNTY, CA AND INCORPORATED AREAS

FLOOD PROFILES NAPA CREEK

05P



Floodway Contained in Structure – Refer to the Flood Insurance Study Report for additional information

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

SCALE

Map Projection:
NAD83 STATE PLANE California II FIPS 0402 (Feet)
Western Hemisphere; Vertical Datum: NAVD88

1 inch = 500 feet 1:6,000

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
NAPA COUNTY, CALIFORNIA

PANEL 516 of 650

Panel Contains:
COMMUNITY NUMBER PANEL SUFFIX
NAPA COUNTY 060205 0516 F
NAPA CITY OF 060207 0516 F

REVISED TO REFLECT LOMR EFFECTIVE: November 12, 2014

VERSION NUMBER 1.1.1.0
MAP NUMBER 06055C0516F
MAP REVISED SEPTEMBER 29, 2010