Federal Emergency Management Agency

Washington, D.C. 20472

NOV 19 2007

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Kelly J. Chastain
Mayor, City of Colton
650 North La Cadena Drive
Colton, CA 92324

IN REPLY REFER TO:
Case No.: 07-09-1957P
Community Name: City of Colton, CA
Community No.: 060273
Effective Date of This Revision: NOV 19 2007

Dear Mayor Chastain:

The Flood Insurance Rate Map for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Oakland, California, at (510) 627-7175, or the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at http://www.fema.gov/nfip.

Sincerely,

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

For: William R. Blanton Jr., CFM, Chief
Engineering Management Branch
Mitigation Directorate

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map

cc: (See attached list.)

Courtesy Copies List

The Honorable Robert H. Christman
Mayor, City of Loma Linda

The Honorable Jon Harrison
Mayor, City of Redlands

The Honorable Patrick J. Morris
Mayor, City of San Bernardino

The Honorable Paul Biane
Chairman, San Bernardino County
Board of Supervisors

Mr. Reggie Torres
Floodplain Coordinator
Engineering Assistant
City of Colton

Mr. T. Jarb Thaiper
Public Works Director
City of Loma Linda

Mr. Richard Pepper
Chief Building Official
City of Redlands

Mr. Mark Lancaster
City Engineer
City of San Bernardino

Ms. Vana R. Olson P.E.
Flood Control Engineer
Department of Public Works
San Bernardino County

 | Issue Date: NOV 19 2007 | Effective Date: NOV 19 2007 | Case No.: 07-09-1957P | LOMR-APP

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 Colton San Bernardino County California	CHANNEL RELOCATION CHANNELIZATION	HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 060273		
IDENTIFIER	San Timoteo Channel Project	APPROXIMATE LATITUDE & LONGITUDE: 34.049, -117.231 SOURCE: Other DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES			ANNOTATED STUDY ENCLOSURES
TYPE: FIRM*	NO.: 06071C8683 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8687 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8691 F	DATE: March 18, 1996	

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)

San Timoteo Creek - from the confluence with the Santa Ana River to just downstream of Alessandro Road

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
San Timoteo Creek	Zone A99	Contained	NONE	YES
	Zone A99	Zone X (unshaded)	NONE	YES
	Zone X (shaded)	Zone X (unshaded)	NONE	YES

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

112553 10.3.1.07091957 102-D

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 060270 **Name:** San Bernardino County, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8711 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8712 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8714 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

CID Number: 060279 **Name:** City of Redlands, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8703 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8712 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8714 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8718 F DATE: March 18, 1996	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: January 17, 1997 DELETED PROFILE(S): 150P and 151P PROFILE(S): 152P FLOODWAY DATA TABLE: 10

CID Number: 060281 **Name:** City of San Bernardino, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8683 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8684 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8691 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8692 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8703 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

CID Number: 065042 **Name:** City of Loma Linda, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8684 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8692 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8703 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8711 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency
Washington, D.C. 20472

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 or local requirements to which the regulations apply.

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 law have been obtained. State 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 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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

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:

Ms. Sally M. Ziolkowski
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 are processing a revised FIRM and FIS report for San Bernardino County in our countywide format; therefore, we will not physically revise and republish the FIRM for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which present information from the effective FIRMs and FIS reports for your community and other incorporated communities in San Bernardino County, were submitted to your community for review on September 28, 2007. We will incorporate the modifications made by this LOMR into the countywide FIRM before it becomes effective.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

This revision is effective as of the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

NOV 19 2007

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Robert H. Christman
Mayor, City of Loma Linda
25541 Barton Road
Loma Linda, CA 92354

IN REPLY REFER TO:
Case No.: 07-09-1957P
Community Name: City of Loma Linda, CA
Community No.: 065042
Effective Date of
This Revision: NOV 19 2007

Dear Mayor Christman:

The Flood Insurance Rate Map for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Oakland, California, at (510) 627-7175, or the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at http://www.fema.gov/nfip.

Sincerely,

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

For: William R. Blanton Jr., CFM, Chief
Engineering Management Branch
Mitigation Directorate

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map

cc: (See attached list.)

Courtesy Copies List

The Honorable Kelly J. Chastain
Mayor, City of Colton

The Honorable Jon Harrison
Mayor, City of Redlands

The Honorable Patrick J. Morris
Mayor, City of San Bernardino

The Honorable Paul Biane
Chairman, San Bernardino County
Board of Supervisors

Mr. Reggie Torres
Floodplain Coordinator
Engineering Assistant
City of Colton

Mr. T. Jarb Thaiper
Public Works Director
City of Loma Linda

Mr. Richard Pepper
Chief Building Official
City of Redlands

Mr. Mark Lancaster
City Engineer
City of San Bernardino

Ms. Vana R. Olson P.E.
Flood Control Engineer
Department of Public Works
San Bernardino County

 | Issue Date: NOV 19 2007 | Effective Date: NOV 19 2007 | Case No.: 07-09-1957P | LOMR-APP

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 Loma Linda San Bernardino County California	CHANNEL RELOCATION CHANNELIZATION	HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 065042		
IDENTIFIER	San Timoteo Channel Project	APPROXIMATE LATITUDE & LONGITUDE: 34.049, -117.231 SOURCE: Other DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES			ANNOTATED STUDY ENCLOSURES
TYPE: FIRM*	NO.: 06071C8684 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8692 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8703 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8711 F	DATE: March 18, 1996	

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)

San Timoteo Creek - from the confluence with the Santa Ana River to just downstream of Alessandro Road

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
San Timoteo Creek	Zone A99	Contained	NONE	YES
	Zone A99	Zone X (unshaded)	NONE	YES
	Zone X (shaded)	Zone X (unshaded)	NONE	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.

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Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

112553 10.3.1.07091957 102-D

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 060270 **Name:** San Bernardino County, California

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8711 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8712 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8714 F	DATE: March 18, 1996	

CID Number: 060273 **Name:** City of Colton, California

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8683 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8687 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8691 F	DATE: March 18, 1996	

CID Number: 060279 **Name:** City of Redlands, California

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8703 F	DATE: March 18, 1996	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: January 17, 1997
TYPE: FIRM	NO.: 06071C8712 F	DATE: March 18, 1996	DELETED PROFILE(S): 150P and 151P
TYPE: FIRM	NO.: 06071C8714 F	DATE: March 18, 1996	PROFILE(S): 152P
TYPE: FIRM	NO.: 06071C8718 F	DATE: March 18, 1996	FLOODWAY DATA TABLE: 10

CID Number: 060281 **Name:** City of San Bernardino, California

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8683 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
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Mitigation Directorate

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

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Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

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Ms. Sally M. Ziolkowski
Director, Mitigation Division
Federal Emergency Management Agency, Region IX
1111 Broadway Street, Suite 1200
Oakland, CA 94607-4052
(510) 627-7175

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Mitigation Directorate

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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

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Mitigation Directorate

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Washington, D.C. 20472

NOV 19 2007

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Jon Harrison
Mayor, City of Redlands
P.O. Box 3005
Redlands, CA 92373

IN REPLY REFER TO:
Case No.: 07-09-1957P
Community Name: City of Redlands, CA
Community No.: 060279
Effective Date of This Revision: NOV 19 2007

Dear Mayor Harrison:

The Flood Insurance Study report and Flood Insurance Rate Map for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

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Sincerely,

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

For: William R. Blanton Jr., CFM, Chief
Engineering Management Branch
Mitigation Directorate

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
Annotated Flood Insurance Study Report

cc: (See attached list.)

Courtesy Copies List

The Honorable Kelly J. Chastain
Mayor, City of Colton

The Honorable Robert H. Christman
Mayor, City of Loma Linda

The Honorable Patrick J. Morris
Mayor, City of San Bernardino

The Honorable Paul Biane
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Flood Control Engineer
Department of Public Works
San Bernardino County

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Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Redlands San Bernardino County California	CHANNEL RELOCATION CHANNELIZATION DETENTION BASIN	BASE MAP CHANGES HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 060279		
IDENTIFIER	San Timoteo Channel Project	APPROXIMATE LATITUDE & LONGITUDE: 34.049, -117.231 SOURCE: Other DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES			ANNOTATED STUDY ENCLOSURES
TYPE: FIRM*	NO.: 06071C8703 F	DATE: March 18, 1996	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: January 17, 1997 DELETED PROFILE(S): 150P and 151P PROFILE(S): 152P FLOODWAY DATA TABLE: 10
TYPE: FIRM	NO.: 06071C8712 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8714 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8718 F	DATE: March 18, 1996	

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)

San Timoteo Creek - from the confluence with the Santa Ana River to just downstream of Alessandro Road

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
San Timoteo Creek	Zone A99	Contained	NONE	YES
	Zone A99	Zone X (unshaded)	NONE	YES
	Zone AE	Contained	NONE	YES
	Zone X (shaded)	Zone X (unshaded)	NONE	YES

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

112553 10.3.1.07091957 102-D

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 060270 **Name:** San Bernardino County, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8711 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8712 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8714 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

CID Number: 060273 **Name:** City of Colton, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8683 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8687 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8691 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

CID Number: 060281 **Name:** City of San Bernardino, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8683 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8684 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8691 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8692 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8703 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

CID Number: 065042 **Name:** City of Loma Linda, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8684 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8692 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8703 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8711 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

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 or local requirements to which the regulations apply.

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 law have been obtained. State 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 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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

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:

Ms. Sally M. Ziolkowski
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 are processing a revised FIRM and FIS report for San Bernardino County in our countywide format; therefore, we will not physically revise and republish the FIRM for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which present information from the effective FIRMs and FIS reports for your community and other incorporated communities in San Bernardino County, were submitted to your community for review on September 28, 2007. We will incorporate the modifications made by this LOMR into the countywide FIRM before it becomes effective.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

This revision is effective as of the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

NOV 19 2007

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Patrick J. Morris
Mayor, City of San Bernardino
300 North D Street
San Bernardino, CA 92418

IN REPLY REFER TO:
Case No.: 07-09-1957P
Community Name: City of San Bernardino, CA
Community No.: 060281
Effective Date of This Revision: NOV 19 2007

Dear Mayor Morris:

The Flood Insurance Rate Map for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Oakland, California, at (510) 627-7175, or the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at http://www.fema.gov/nfip.

Sincerely,

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

For: William R. Blanton Jr., CFM, Chief
Engineering Management Branch
Mitigation Directorate

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map

cc: (See attached list.)

Courtesy Copies List

The Honorable Kelly J. Chastain
Mayor, City of Colton

The Honorable Robert H. Christman
Mayor, City of Loma Linda

The Honorable Jon Harrison
Mayor, City of Redlands

The Honorable Paul Biane
Chairman, San Bernardino County
Board of Supervisors

Mr. Reggie Torres
Floodplain Coordinator
Engineering Assistant
City of Colton

Mr. T. Jarb Thaiper
Public Works Director
City of Loma Linda

Mr. Richard Pepper
Chief Building Official
City of Redlands

Mr. Mark Lancaster
City Engineer
City of San Bernardino

Ms. Vana R. Olson P.E.
Flood Control Engineer
Department of Public Works
San Bernardino County

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 San Bernardino San Bernardino County California	CHANNEL RELOCATION CHANNELIZATION	HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 060281		
IDENTIFIER	San Timoteo Channel Project	APPROXIMATE LATITUDE & LONGITUDE: 34.049, -117.231 SOURCE: Other DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES			ANNOTATED STUDY ENCLOSURES
TYPE: FIRM*	NO.: 06071C8683 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8684 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8691 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8692 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8703 F	DATE: March 18, 1996	

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)

San Timoteo Creek - from the confluence with the Santa Ana River to just downstream of Alessandro Road

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
San Timoteo Creek	Zone A99	Contained	NONE	YES
	Zone A99	Zone X (unshaded)	NONE	YES
	Zone X (shaded)	Zone X (unshaded)	NONE	YES

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

112553 10.3.1.07091957 102-D

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 060270 **Name:** San Bernardino County, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8711 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8712 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8714 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

CID Number: 060273 **Name:** City of Colton, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8683 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8687 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8691 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

CID Number: 060279 **Name:** City of Redlands, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8703 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8712 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8714 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8718 F DATE: March 18, 1996	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: January 17, 1997 DELETED PROFILE(S): 150P and 151P PROFILE(S): 152P FLOODWAY DATA TABLE: 10

CID Number: 065042 **Name:** City of Loma Linda, California

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 06071C8684 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8692 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8703 F DATE: March 18, 1996 TYPE: FIRM NO.: 06071C8711 F DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

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 or local requirements to which the regulations apply.

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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.

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Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

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:

Ms. Sally M. Ziolkowski
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 are processing a revised FIRM and FIS report for San Bernardino County in our countywide format; therefore, we will not physically revise and republish the FIRM and FIS report for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which present information from the effective FIRMs and FIS reports for your community and other incorporated communities in San Bernardino County, were submitted to your community for review on September 28, 2007. We will incorporate the modifications made by this LOMR into the countywide FIRM and FIS report before they become effective.

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Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

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Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

NOV 19 2007

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Paul Biane
Chairman, San Bernardino County
Board of Supervisors
385 North Arrowhead Avenue, Fifth Floor
San Bernardino, CA 92415-0110

IN REPLY REFER TO:
Case No.: 07-09-1957P
Community Name: San Bernardino County, CA
Community No.: 060270
Effective Date of This Revision: NOV 19 2007

Dear Mr. Biane:

The Flood Insurance Rate Map for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

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Sincerely,

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

For: William R. Blanton Jr., CFM, Chief
Engineering Management Branch
Mitigation Directorate

List of Enclosures:

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Annotated Flood Insurance Rate Map

cc: (See attached list.)

Courtesy Copies List

The Honorable Kelly J. Chastain
Mayor, City of Colton

The Honorable Robert H. Christman
Mayor, City of Loma Linda

The Honorable Jon Harrison
Mayor, City of Redlands

The Honorable Patrick J. Morris
Mayor, City of San Bernardino

Mr. Reggie Torres
Floodplain Coordinator
Engineering Assistant
City of Colton

Mr. T. Jarb Thaiper
Public Works Director
City of Loma Linda

Mr. Richard Pepper
Chief Building Official
City of Redlands

Mr. Mark Lancaster
City Engineer
City of San Bernardino

Ms. Vana R. Olson P.E.
Flood Control Engineer
Department of Public Works
San Bernardino County

 | Issue Date: NOV 19 2007 | Effective Date: NOV 19 2007 | Case No.: 07-09-1957P | LOMR-APP

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	San Bernardino County California (Unincorporated Areas)	CHANNEL RELOCATION CHANNELIZATION DETENTION BASIN	HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 060270		
IDENTIFIER	San Timoteo Channel Project	APPROXIMATE LATITUDE & LONGITUDE: 34.049, -117.231 SOURCE: Other DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES			ANNOTATED STUDY ENCLOSURES
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FLOODING SOURCE(S) & REVISED REACH(ES)

San Timoteo Creek - from the confluence with the Santa Ana River to just downstream of Alessandro Road

SUMMARY OF REVISIONS

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Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

112553 10.3.1.07091957 102-D

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 060273 **Name:** City of Colton, California

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8683 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8687 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8691 F	DATE: March 18, 1996	

CID Number: 060279 **Name:** City of Redlands, California

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8703 F	DATE: March 18, 1996	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: January 17, 1997 DELETED PROFILE(S): 150P and 151P PROFILE(S): 152P FLOODWAY DATA TABLE: 10
TYPE: FIRM	NO.: 06071C8712 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8714 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8718 F	DATE: March 18, 1996	

CID Number: 060281 **Name:** City of San Bernardino, California

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8683 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8684 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8691 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8692 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8703 F	DATE: March 18, 1996	

CID Number: 065042 **Name:** City of Loma Linda, California

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8684 F	DATE: March 18, 1996	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 06071C8692 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8703 F	DATE: March 18, 1996	
TYPE: FIRM	NO.: 06071C8711 F	DATE: March 18, 1996	

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency
Washington, D.C. 20472

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 or local requirements to which the regulations apply.

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 law have been obtained. State 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 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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

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:

Ms. Sally M. Ziolkowski
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 are processing a revised FIRM and FIS report for San Bernardino County in our countywide format; therefore, we will not physically revise and republish the FIRM for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which present information from the effective FIRMs and FIS reports for your community and other incorporated communities in San Bernardino County, were submitted to your community for review on September 28, 2007. We will incorporate the modifications made by this LOMR into the countywide FIRM before it becomes effective.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

This revision is effective as of the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Max H. Yuan, P.E., Project Engineer
Engineering Management Branch
Mitigation Directorate

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
					(FEET NGVD)			
San Timoteo Creek								
A	5,250	1,150	4,903	4.2	1,052.6	1,052.6	1,053.0	0.4
B	5,980	985	4,351	4.7	1,057.5	1,057.5	1,058.4	0.9
C	6,750	1,700	6,188	3.3	1,066.0	1,066.0	1,066.7	0.7
D	7,250	2,000	5,648	3.6	1,070.9	1,070.9	1,071.9	1.0
E	8,750	2,200	7,094	2.9	1,087.1	1,087.1	1,088.1	1.0
F	10,100	2,300	7,537	2.7	1,102.2	1,102.2	1,102.9	0.7
G	11,760	1,862	6,202	3.3	1,119.4	1,119.4	1,120.3	0.9
H	15,500	2,000	6,875	3.0	1,161.0	1,161.0	1,161.0	0.0
I	16,500	1,989	5,153	4.0	1,168.9	1,168.9	1,168.9	0.0
J	18,900	2,000	6,580	3.1	1,198.5	1,198.5	1,199.3	0.8
K	880[1]	186	1,366	14.9	1,307.2	1,307.2	1,307.9	0.7
L	6,440[1]	310	1,715	11.9	1,380.1	1,380.1	1,380.7	0.6
M	38,270	208	1,448	14.1	1,442.3	1,442.3	1,443.0	0.7
N	41,130	255	1,489	13.7	1,480.4	1,480.4	1,480.4	0.0
Soapmine Creek								
A	0.000[2]	70	263	7.6	2,085.7	2,085.7	2,086.7	1.0
B	0.120[2]	90	242	8.3	2,094.7	2,094.7	2,095.7	1.0
C	0.270[2]	60	249	8.0	2,107.0	2,107.0	2,108.0	1.0
D	0.397[2]	70	258	7.8	2,115.7	2,115.7	2,116.7	1.0
E	0.530[2]	60	254	7.9	2,132.1	2,132.1	2,133.1	1.0
F	0.640[2]	60	255	7.9	2,145.9	2,145.9	2,146.9	1.0

[1]Feet Above San Timoteo Canyon Road Bridge
[2]Miles Above Study Limit

REVISED DATA

Revised by LOMR dated June 27, 2001

REVISED TO REFLECT LOMR EFFECTIVE NOV 19 2007

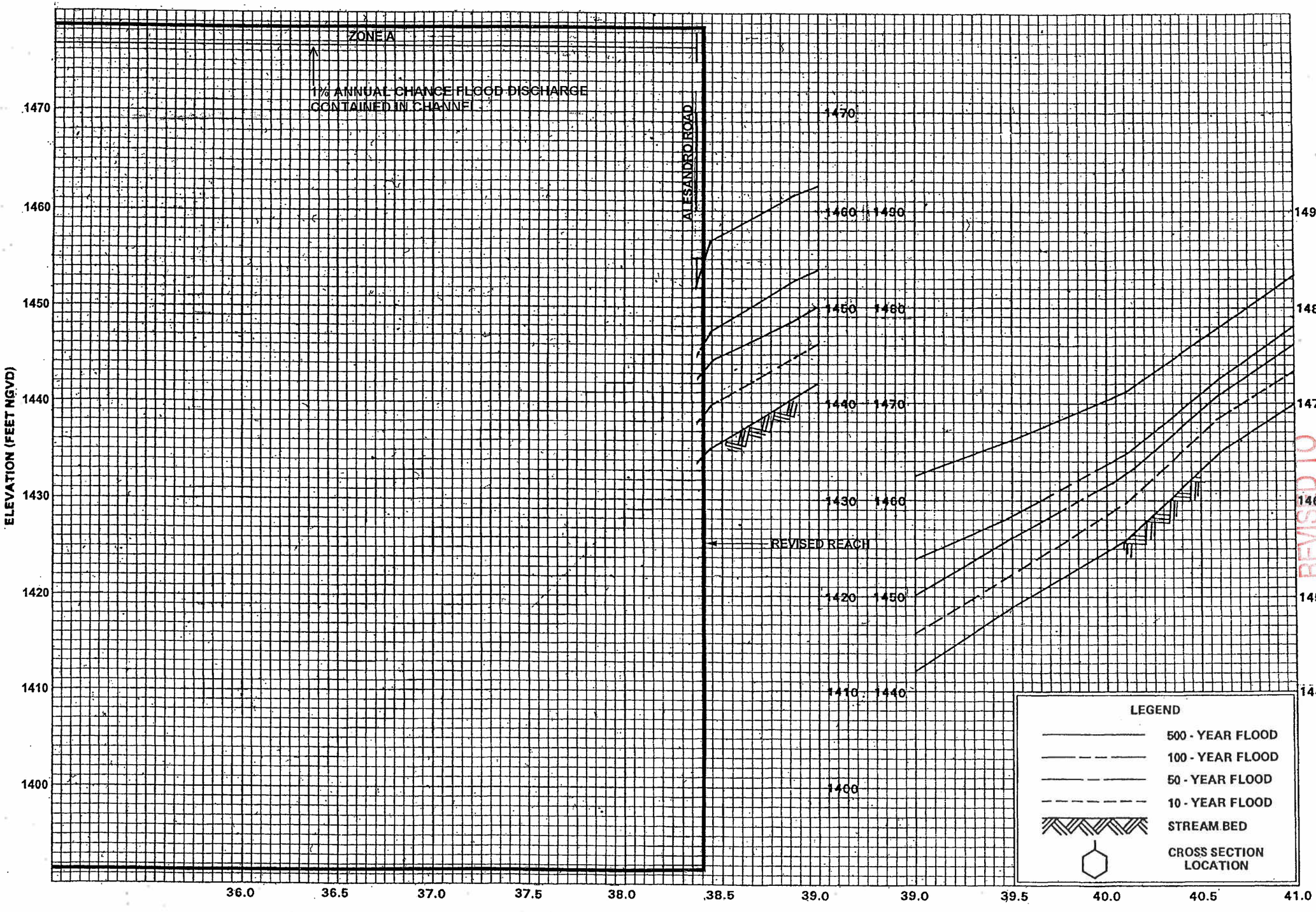
TABLE 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA AND INCORPORATED AREAS

FLOODWAY DATA

SAN TIMOTEO CREEK - SOAPMINE CREEK



FLOOD PROFILES

SAN TIMOTEO CREEK

REVISED TO REFLECT EFFECTIVE NOV 19 2007

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA AND INCORPORATED AREAS

152P