# LETTER OF MAP REVISION DETERMINATION DOCUMENT

## COMMUNITY AND REVISION INFORMATION

| COMMUNITY          | City of Spanish Fork  
|                   | Utah County  
|                   | Utah  
| COMMUNITY NO.:    | 490241  

## PROJECT DESCRIPTION

| BRIDGE  
| CULVERT  
| LEVEE  

## BASIS OF REQUEST

| BASE MAP CHANGES  
| FLOODWAY  
| HYDRAULIC ANALYSIS  
| LEVEE CERTIFICATION  
| NEW TOPOGRAPHIC DATA  

## COMMUNITY

Approximate Latitude & Longitude: 40.080, -111.642

Source: Precision Mapping Streets  
Datum: NAD 83

### City of Spanish Fork

- **Communities No.:** 490241
- **Basis of Request:**
  - Bridge
  - Culvert
  - Levee
  - Base Map Changes
  - Floodway
  - Hydraulic Analysis
  - Levee Certification
  - New Topographic Data

### Project Description

- **Identifier:** Spanish Fork River Levee LOMR
- **Approximate Latitude & Longitude:** 40.080, -111.642
- **Source:** Precision Mapping Streets
- **Datum:** NAD 83
- **Date of Effective Flood Insurance Study:** February 19, 1986
- **Profile(S):** 01P
- **Floodway Data Table:** 3

### Annotated Mapping Enclosures

- **Type:** FIRM  
- **No.:** 4902410025A  
- **Date:** February 19, 1986

### Annotated Study Enclosures

- **Date of Effective Flood Insurance Study:** February 19, 1986
- **Profile(S):** 01P
- **Floodway Data Table:** 3

## Flooding Source(S) & Revised Reach(ES)

Spanish Fork River - Spanish Fork River from approximately 6,010 feet downstream of Powerhouse Road to approximately 780 feet upstream

## Summary of Revisions

<table>
<thead>
<tr>
<th>Flooding Source</th>
<th>Effective Flooding</th>
<th>Revised Flooding</th>
<th>Increases</th>
<th>Decreases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish Fork River</td>
<td>Zone A1-A30</td>
<td>Zone AE</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>BFEs*</td>
<td>BFEs</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>No Floodway</td>
<td>Floodway</td>
<td>YES</td>
<td>NONE</td>
</tr>
</tbody>
</table>

* 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 240, Hanover, MD 21076. Additional information about the NFIP is available on our website at http://www.fema.gov/nfip.

David N. Bascom, CFM, Program Specialist  
Engineering Management Branch  
Federal Insurance and Mitigation Administration

118749 PT202.BKR.10080282P.H05 102-I-A-C
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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 base (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.
LETTER OF MAP REVISION
DETERMINATION DOCUMENT (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. Jeanine D. Petterson
Director, Mitigation Division
Federal Emergency Management Agency, Region VIII
Denver Federal Center, Building 710
Post Office Box 25267
Denver, CO 80225-0267
(303) 235-4830

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.

We are processing a FIRM and FIS report for Utah County, Utah, and its incorporated areas 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. At this point, it is unknown when the countywide FIRM and FIS report will become effective. Therefore, the modifications made by this LOMR will either be superseded when the countywide FIRM and FIS report become effective or will be incorporated into the countywide FIRM and FIS report before they become effective. If the modifications made by this LOMR are not incorporated into the countywide FIRM and FIS report, then we will reissue this LOMR after the effective date of the countywide FIRM and FIS 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 Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 240, Hanover, MD 21076. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.
LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

<table>
<thead>
<tr>
<th>FLOODING SOURCE</th>
<th>LOCATION OF REFERENCED ELEVATION</th>
<th>BFE (FEET NGVD 29)</th>
<th>MAP PANEL NUMBER(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish Fork River</td>
<td>Approximately 6,010 feet downstream of Powerhouse Road</td>
<td>4,675</td>
<td>4902410025A</td>
</tr>
<tr>
<td></td>
<td>Just upstream of Powerhouse Road</td>
<td>4,700</td>
<td>4902410025A</td>
</tr>
</tbody>
</table>

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised BFEs presented in this LOMR may be changed.

A notice of changes will be published in the Federal Register. A short notice also will be published in your local newspaper on or about the dates listed below. Please refer to FEMA’s website at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp for a more detailed description of proposed BFE changes, which will be posted approximately within a week of the date of this letter.

LOCAL NEWSPAPER
Name: The Daily Herald
Dates: 10/08/2010 and 10/15/2010

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<table>
<thead>
<tr>
<th>CROSS SECTION</th>
<th>DISTANCE</th>
<th>WIDTH (FEET)</th>
<th>SECTION AREA (SQUARE FEET)</th>
<th>MEAN VELOCITY (FEET PER SECOND)</th>
<th>REGULATORY WITHOUT FLOODWAY</th>
<th>REGULATORY WITH FLOODWAY</th>
<th>INCREASE</th>
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<tbody>
<tr>
<td>Spanish Fork River</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O</td>
<td>31,193</td>
<td>510</td>
<td>1,335</td>
<td>3.7</td>
<td>4,675.3</td>
<td>4,675.7</td>
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<td>4,691.2</td>
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<td>Q</td>
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<td>355</td>
<td>10.6</td>
<td>4,709.0</td>
<td>4,709.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

1 Stream distance in feet above I-15.

REVISED TO REFLECT LOMR EFFECTIVE: February 14, 2011

FEDERAL EMERGENCY MANAGEMENT AGENCY
CITY OF SPANISH FORK, UT

FLOODWAY DATA
SPANISH FORK RIVER