



# TRINITY COUNTY

## PLANNING DEPARTMENT

P.O. BOX 2819, WEAVERVILLE, CALIFORNIA 96093

PHONE (530) 623-1351

FAX (530) 623-1353

Email: [lhubbard@trinitycounty.org](mailto:lhubbard@trinitycounty.org)

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Dear Landowner,

The Trinity River Restoration Program (TRRP) implemented the Lower Junction City (LJC) Channel Rehabilitation Project in 2014 before the current 2016 Trinity River Flood Insurance Rate Maps (FIRMs) were effective. Pre –project modeling of the design condition predicted that the project would not increase flood elevations or cause any changes in your insurance rates for structures that might be impacted. Now, to meet Federal Emergency Management Agency (FEMA) regulations to update the 2016 FIRMs maps with “actual” post project (as-built) survey information, the County is required to provide you this notification of the actual changes in the FIRMs. **We now are confirming that there is no increase in your insurance rates for structures from rates established by the 2016 FIRMs applicable to your property.** In a few locations, the project has resulted in decreases in flood conditions compared to those shown in the 2016 FIRMs for the area. The 2016 FIRMs maps are available on the County website at:

<http://www.trinitycounty.org/index.aspx?page=284>

The project’s forecasted effects, based on as-built conditions, for individual parcel flood hazard conditions are enclosed.

Details concerning the 2014 Lower Junction City project may be found in the Project’s environmental review document located at: <http://www.trrp.net/library/document/?id=2155>

If you have any questions or concerns about the proposed project or its impacts on your property, please contact Leslie Hubbard at Trinity County (530) 623-1351 extension 3 or online at [lhubbard@trinitycounty.org](mailto:lhubbard@trinitycounty.org) for additional information.

Sincerely,

Leslie Hubbard  
Interim Planning Director

## ***Details concerning the 2014 Lower Junction City (LJC) channel rehabilitation project and how its effects are being incorporated into the 2016 Trinity River Flood Insurance Rate Maps***

The Flood Insurance Rate Maps (FIRMs) for a community depict land which has been determined to be subject to a 1% (100-year) or greater chance of flooding in any given year. The FIRMs are used to determine flood insurance rates and to help the community with floodplain management. The Federal Emergency Management Agency (FEMA) introduced updated FIRMs for the Trinity River from Lewiston dam to the North Fork Trinity in 2014 and these became effective on July 20, 2016. Floodplain changes implemented during the review period, spring 2014 through spring 2016, were not previously incorporated into the July 2016 FIRMs.

The Trinity County Planning Department is now applying to FEMA for a Letter of Map Revision (LOMR) to revise the 2016 FIRMs 06105C (Panels 1002F, 1006F and 1008F) for Trinity County, California along the Trinity River. The County's request for map revision is based on the Trinity River Restoration Program's (TRRP's) 2014 construction of the Lower Junction City (LJC) Channel Rehabilitation Project and how the results from this in-river work are retroactively incorporated into the effective 2016 FEMA FIRMs. Please refer to Exhibit A for LJC project location and landowner parcel boundaries.

The 2014 LJC project is forecast to revise the floodway from a cross section approximately 1.3 miles upstream of the Dutch Creek Road Bridge to the cross section approximately 0.4 miles downstream of the bridge (refer to Exhibit B: white cross sections, where no change to the 1% annual chance water-surface flood elevations ("Base Flood Elevations - BFEs") are forecast, are located at River Mile 79.35 and River Mile 81.04). Between these white cross sections, the Project's in-river work has caused minor changes to the floodway and floodplain relative to the effective FIRM. None of these changes will increase your insurance rates for structures from rates established by the 2016 FIRMs presently applicable to your property.

Through this LJC project LOMR process, the BFEs and/or the 1% annual chance floodplain ("100-year floodplain") will be revised around Dutch Creek Road Bridge from RM 79.35 downstream to RM 81.04 upstream (refer to Exhibit B for changes to the BFE at modeling cross sections). As a result of the construction, the BFE will primarily decrease within this area. Modeling of the LJC as-built conditions show that the BFE increases by a maximum of 1.31 feet at RM 79.38. No structures exist at this cross section. In fact, no increases in the BFE are forecast to occur at insurable structures. A maximum decrease of -3.93 feet is forecast at RM 79.77, near Dutch Creek Road Bridge. For the remainder of the affected reach, the change in BFEs range from -3.78 feet (at RM 79.42) to 0.36 feet (at RM 79.6).

Refer to Exhibit B and Table 1 to see where increases and decreases in BFEs are forecast to occur and to view the affected parcels. Exhibit C provides a plan view of the Junction City area July 2016 FEMA FIRMs with revisions from the 2014 LJC Project included.

The information provided within this notification may be reviewed at the Trinity River Restoration Program at 1313 South Main Street (next to Tops Market) or online at <http://www.trrp.net/library/document/?id=2329>

**Table 1.** Private parcels and changes to their 2016 Base Flood Elevations (BFEs) that resulted from modeling the effects of the TRRP’s 2014 Lower Junction City (LJC) channel rehabilitation project on forecast 100-Year Water Surface Flood Elevations.

<b>APN</b>	<b>Changes to BFE</b>
<b>012-120-37-00</b>	Reduced by 0.19 to 3.93 ft
<b>012-140-01-00</b>	no change
<b>012-140-05-00</b>	no change
<b>012-170-01-00</b>	no change
<b>012-170-03-00</b>	no change to increased by 1.31 ft*
<b>012-310-06-00</b>	Reduced by 0.72 to 0.89 ft
<b>012-350-07-00</b>	Reduced by 1.00 to 3.93 ft
<b>012-350-10-00</b>	Reduced by 0.12 to 0.85 ft
<b>012-350-12-00</b>	Reduced by 0.93 to 1.00 ft
<b>012-350-13-00</b>	Reduced by 0.85 to 0.93 ft
<b>012-350-14-00</b>	Reduced by 0.72 to 0.85 ft
<b>012-360-02-00</b>	Reduced by 3.78 to increased by 1.31 ft*
<b>024-010-48-00</b>	no change
<b>024-100-05-00</b>	Reduced by 0.52 to 0.53 ft
<b>024-100-13-00</b>	no change
<b>024-100-14-00</b>	Reduced by 0.02 ft
<b>012-360-01-00</b>	Reduced by 0.89 to 0.93 ft **

\* No insurable structures affected.

\*\* While BFE changes adjacent to this parcel range from a reduction of 3.93 ft to an increase of 0.36 ft, the 1% Annual Chance Flood Hazard (“100 year floodplain”) crosses the property in the vicinity of where the BFE is reduced 0.89 to 0.93 ft.

**In Summary:**

Changes in FEMA’s flood hazard areas caused by construction of the Lower Junction City Channel Rehabilitation Project did not impact any insurable, permitted structures. Within the affected area of Base Flood Elevation modeling, no change is predicted at 2 cross sections (6%) increases in the BFE are predicted at 2 cross sections (6 %) and decreases in the BFE are predicted at 31 cross sections (88%) (Refer to Exhibit B). To meet FEMA guidelines and to update the 2016 FIRMs map (panels 1002F, 1006F and 1008F) in the vicinity of the LJC Project area, the County is notifying landowners that there will be no changes in their flood insurance requirements based on the changes that will be made to the July 2016 FEMA FIRMs when the as-built data is reflected in the FIRMs.

Please refer to these enclosures for Project design features and the location of flood hazard areas. The three enclosures are:

- Exhibit A. Lower Junction City Channel Rehabilitation Project.** Completed Project with Approximate Parcel Boundaries.
- Exhibit B. Lower Junction City Channel Rehabilitation Project.** Forecast changes to BFE at FEMA flow modeling cross sections between River Miles (RM) 79.35 and 81.08
- Exhibit C. Lower Junction City Channel Rehabilitation Project.** FEMA Flood hazard zone boundary changes.