

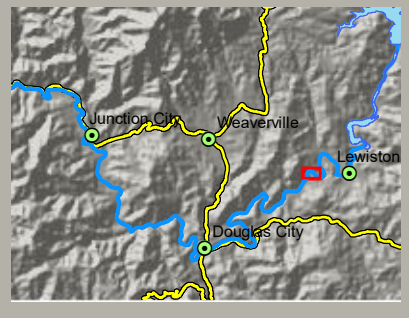
Parcels
 Approximate Boundaries*

BFE Changes at Cross Sections (Subject to Approval)

- Decrease
- No Change
- Increase
- NO MAP REVISION

Rehabilitation Site
 Bucktail Site Boundary

Aerial Photography Aug. 16, 2017



Changes to Base Flood Elevation (BFE) and 1% Annual Chance Flood Hazard Zone

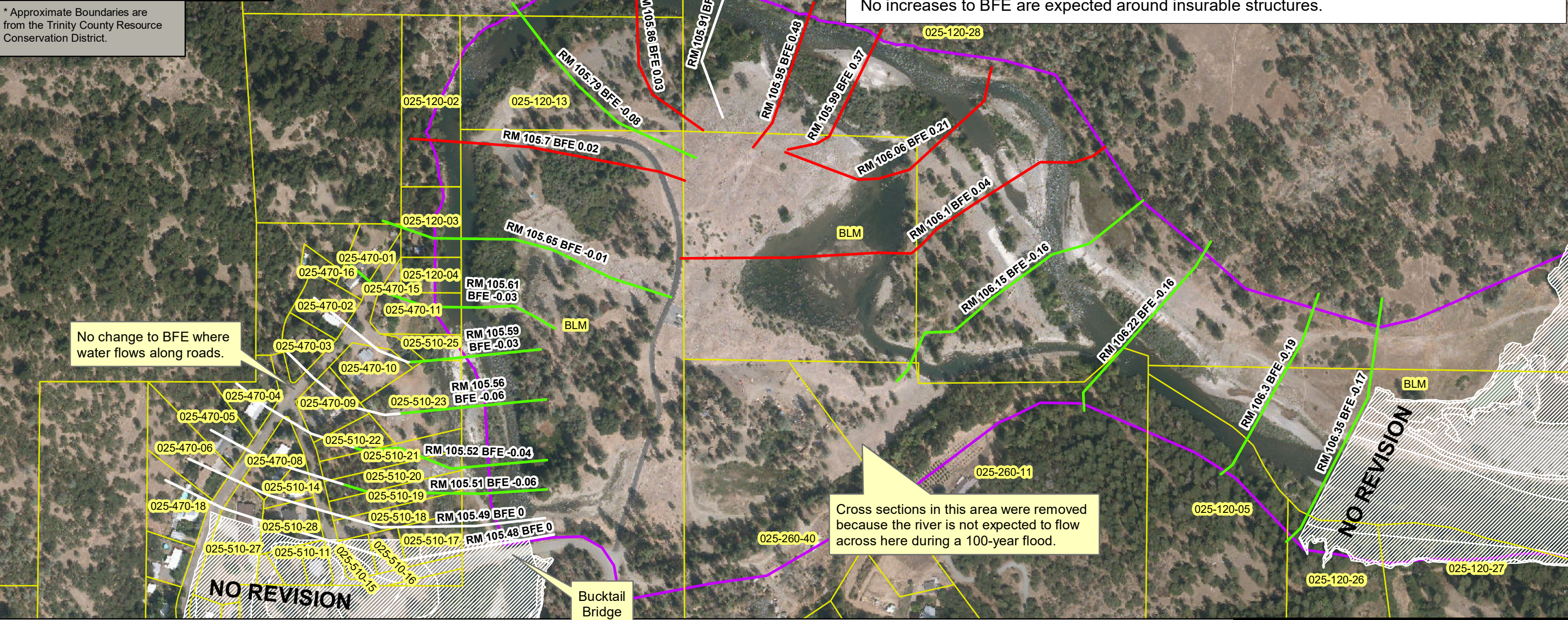
The Trinity County Planning Department is applying to the Federal Emergency Mangement Agency (FEMA) for a Letter of Map Revision (LOMR) to revise the 2016 FIRM 06105C (Panels 1053F and 1054F) for Trinity County, California along the Trinity River. FEMA uses hydraulic engineering calculations at river cross sections to determine the Base Flood Elevation (BFE), which is the water surface elevation for a 100-year flood. Then the BFE is used to calculate the area inundated by a 100-year flood (the 1% Annual Chance Flood Hazard Zone).

A maximum increase in the BFE is modeled at river mile **RM 105.95** (near the wetland outlet).

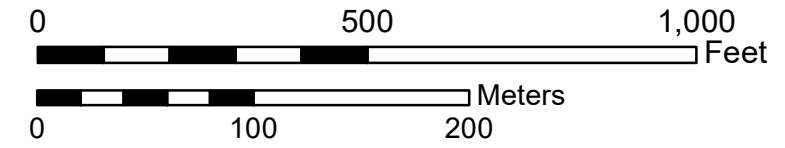
A maximum decrease in the BFE is modeled at river mile **RM 106.30** (at the upstream end).

No increases to BFE are expected around insurable structures.

* Approximate Boundaries are from the Trinity County Resource Conservation District.



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1:3,500
 (when printed 11x17)



Exhibit B.
Bucktail
2016 Channel Rehabilitation Project
 Forecast Changes to FEMA Base Flood Elevation at Flow Modeling Cross Sections

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