

## Status Update of the RD 2035 PL 84-99 Repair Work By USACE (March 2020)

| <u>Site No.</u>     | <u>Length (ft.)</u> | <u>Latitude</u> | <u>Longitude</u> | <u>Approximate<br/>Levee Mile</u> | Type of Damage         | <u>Original Cost<br/>Estimate</u> | <u>Status/Comments</u>  |
|---------------------|---------------------|-----------------|------------------|-----------------------------------|------------------------|-----------------------------------|---|
| 1                   | 242                 | 38.63912        | -121.66081       | 2.6                               | Landside Slip          | \$811,000                         | Completed   |
| 2                   | 202                 | 38.63645        | -121.65889       | 2.8                               | Landside Slip          | \$3,159,000                       | Completed -Sites 2, 3 & 4 were lumped together  |
| 3                   | 205                 | 38.63507        | -121.65789       | 3.1                               | Landside Slip          |                                   |   |
| 4                   | 381                 | 38.63365        | -121.65684       | 3.2                               | Landside Slip          |                                   |   |
| 5                   | 321                 | 38.63215        | -121.65567       | 3.3                               | Landside Slip          |                                   |   |
| 6                   | 90                  | 38.63084        | -121.65454       | 3.4                               | Landside Slip          | \$614,000                         | Completed   |
| 7                   | 121                 | 38.63111        | -121.65485       | 4.5                               | Landside Slip          | \$853,000                         | Completed   |
| 9                   | 6200                | 38.646368       | -121.665621      | 4.5 through 6.5                   | Water side toe erosion | \$2,436,000                       | Completed in 2019   |
| 8                   | 163                 | 38.59291        | -121.63131       | 6.2                               | Landside Slip          | \$4,557,000                       | Design of this site is being coordinated among the USACE, State and RD 2035. The best option is to relocate the drainage ditch and add a landside berm. This site is scheduled for construction in 2020. See attached drawings. |
| <b><u>Total</u></b> |                     |                 |                  |                                   |                        | \$13,934,000                      |   |

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**RD 2035 Comments on the Draft Design of Site 8 (0412-28)**  
**Submitted on February 10, 2020 to CVFPB**  
**By Mike Hall and Jay Punia**

**From:** Jay Punia

**Sent:** Monday, February 10, 2020 5:05 PM

**To:** Miao, Eric@CVFPB <Eric.Miao@CVFlood.ca.gov>

**Cc:** Haile-Selassie, Samson@DWR <Samson.Haile-Selassie@water.ca.gov>; Zenobia, Kent@DWR <Kent.Zenobia@water.ca.gov>; Wheeldon, Dave@DWR <Dave.Wheeldon@water.ca.gov>; DeGroot, Matthew@DWR <Matthew.DeGroot@water.ca.gov>; Caliso, Angeles@CVFPB <Angeles.Caliso@cvflood.ca.gov>; mike@conawayranch.com

**Subject:** RD 2035 Comments on draft design for site of site 0412-28

Hi Eric,

Thank you for allowing us the opportunity to review the draft 65% plans for repairing the RD 2035 site 0412-28. The proposed design looks good to us, but we have the following overall comments for yours and USACE's consideration.

**Proposed Design:**

We like the idea of setting back the canal away from the levee toe at this location. It is going to be an expensive fix, but we agree with the USACE approach and feel that this would address the situation on a permanent basis.

**Haul Route:**

Accessing the project site for construction activities via County Roads 27, and 28H and levee patrol road seems reasonable. As you know, the levee patrol road was restored last year. We would like the USACE contractor to take pictures or video of the access roads before and after the project completion. If there is a damage to the levee crown road, RD 2035 would like it to be restored to pre-project condition.

**Schedule:**

Please let us know the construction schedule as soon as it's firmed up so that RD 2035 can inform its land owners accordingly.

**Temporary Arrangement for the Use Canal During Construction:**

The canal at the landside toe of the levee at this location is used for both water supply and drainage and is in use almost year around. We are assuming that USACE will make temporary arrangement so that RD 2035 can use the canal during construction. Please confirm.

**Relocation of the Gas Line**

We are assuming that the existing gas line will be relocated or abandoned by permit holder of the gas line before the construction of the project. We are assuming that the negotiation with the permit holder are underway and that the gas line will be relocated or abandoned soon otherwise this would delay the project. Please confirm.

Thanks,

**Jay S. Punia** - PE

Senior Project Manager - Water Resources

**Wood Rodgers, Inc.**