

## Yuba IRWMP – RD784-17

### Project Short Form<sup>1</sup>

Please fill out the following information to the best of your ability/knowledge. Once the project has been received, and a preliminary review completed, the project team will work with you to develop additional information.

#### PROJECT SPONSOR INFORMATION

Lead Agency/Organization	Reclamation District 784
Name of Primary Contact(s)	Patrick Meagher, General Manager
Mailing Address	1594 Broadway, Arboga, CA 95961
Email Address	Patrick@rd784.org
Phone	(530) 308-4152
Project Partners/Collaborators	N/A
YWA Liaison	

#### GENERAL PROJECT INFORMATION

<b>Project Title</b>	RD784 Lateral 14 Culvert Replacements @ Curtis St.
<b>Project Total Budget</b> (Attach detailed budget, if available)	<b>\$220,000</b> See attached detailed budget by MHM Inc. Total ask includes \$13,000 additional funds for staff time (not shown on budget)
<b>Budget Breakdown</b>	Planning/Design Budget: \$19,100 Implementation Budget: \$200,900
<b>Project Funding Match, if any</b>	0
<b>Current Funding Needed</b>	\$220,000
<b>Project Location</b> (Attach map if available)	Feather River Blvd. at Curtis St. (See attached Map)
<b>City/Community</b>	Olivehurst
<b>Watershed/subwatershed</b>	
<b>Groundwater Basin</b>	
<b>Funding Area</b>	SRFA or MC
<b>Project Priority</b> (Select one)	High/Medium/Low <b>High Priority</b>
<b>Project Type</b> (highlight in gray <i>all</i> that apply)	<ul style="list-style-type: none"> <li>Conceptual</li> <li>Feasibility Study</li> <li>Study/Assessment</li> <li>Planning</li> <li><b>Engineering/Design</b></li> <li><b>Permitting</b></li> <li>CEQA/NEPA</li> <li><b>Facility Construction</b></li> <li>Restoration</li> <li>Monitoring</li> <li>Best Management Practices</li> <li>Acquisition</li> <li>Demonstration/Pilot Project</li> </ul>

---

**Please select the *status* of the CEQA/NEPA/Permitting for this project:**

<b>CEQA</b> (Select one)	Exempt - Not Started - Initial Study - EIR – Determination <b>N/A</b>
<b>NEPA</b> (Select one)	Exempt - Not Started - Environmental Assessment - EIS – Record of Decision – <b>N/A</b>
<b>Permitting</b> (Select one)	Not Required - <b>Not started</b> – Identified – Consultations Complete – Application Submitted – Complete

**PROJECT DESCRIPTION**

Write a narrative briefly describing the project components and/or characteristics (maximum of 300 words).

Key Components to this project are:

- County plan check and inspections
- Design Engineering and Surveying
- Construction Management
- Demolition of existing drainage culverts
- Re-routing of existing utilities (PG&E, AT&T, Comcast, etc.)
- Construction of two new 48” culverts

**PROJECT RATIONALE/ISSUES STATEMENT**

Briefly describe the need for the project and the desired outcomes/deliverables (maximum of 200 words).

In February 2019, RD 784 staff found a sinkhole directly above two culverts underneath Curtis Street, a private drive that enables several parcel owners to access their properties from Feather River Boulevard. At the time, RD784 advised landowners that the sinkhole posed a hazard to vehicles using Curtis Street. Neither RD784 nor Yuba County are responsible for the culverts or the potential road failure that could result if the culvert failure is not addressed.

By March 18, 2019, RD 784 had received no response, so staff reached out to landowners again. The response received stated that two landowners whose parcels are connected to Curtis Street would be handling the repairs and to include them in any future correspondence, which is necessary to coordinate all involved in the permitting process.

By October 15, 2021, no initiative had been taken by landowners to make any repairs. All landowners whose parcels are connected to Curtis Street were sent letters as a reminder that repairs still needed to be made and to let everyone know that RD784 would not be responsible for making any repairs to the Curtis Street culvert, or to provide access to or from Feather River Boulevard, or Curtis Street in the event the culverts fail.

Storms during the week of December 12, 2021 caused the two culverts to completely fail, therefore, one landowner decided to restore temporary access to and from Feather River Boulevard on their own. Until the culverts failed all the way, no landowners showed any indication of making any efforts toward making repairs (temporary or permanent). Even though one landowner stepped up to complete emergency repairs, the repair is still not the adequate *permanent* fix, thus RD784 is willing to apply for a grant under which RD784 will be reimbursed for making permanent repairs.

Deliverables of this project are:

- Engineered designs
- Completed permits
- 2 new functional storm drain culverts, which will ensure safe ingress and egress to County-owned Feather River Blvd.
- Reduce potential flood risk to neighboring landowners and Feather River Blvd.

**ATTACHMENTS:**

- Task-based budget
- Map of project location

**RECLAMATION DISTRICT NO. 784  
CURTIS STREET CULVERT REPLACEMENT PROJECT  
DETAILED COST ESTIMATE - DECEMBER 21, 2021**

<b>Project</b> RD 784 - Curtis Street Culvert Replacement Project	<b>CO.</b> Sutter	<b>RCVD. BY</b> S.M. Minard	<b>DATE</b> 21-Dec-21
<b>MHM PROJECT NO.</b> 2021-215	<b>QTY. BY</b> K. Sanchez	<b>IN</b> 7-Dec-21	<b>CONST. INDEX</b> 10315.44
<b>ESTIMATE NO.</b> 1	<b>QTY. CHK.</b> S. Minard	<b>OUT</b> 21-Dec-21	<b>BLDG. INDEX</b> 5637.09

Item No.	Item Description	Estimated Quantity	Unit	Unit Price (\$/Unit)	Amount (\$)
----------	------------------	--------------------	------	----------------------	-------------

**Bid Schedule A - RD 784 - Curtis Street Culvert Replacement Project - Preconstruction Submittals and Activities)**

A1	Mobilization and Demobilization Plan	1	Job	\$500.00	\$ 500.00
A2	Injury and Illness Prevention Plan	1	Job	1,000.00	1,000.00
A3	Project Schedule	1	Job	1,500.00	1,500.00
A4	Contractor Quality Control Plan	1	Job	20,000.00	20,000.00

**Total Bid Schedule A = \$23,000.00**

**Bid Schedule B - RD 784 - Curtis Street Culvert Replacement Project - 2021 IRWMP-RD 784 - Lateral 15 Station 2.250- Culvert Remove and Dispose**

B1	Mobilization and Demobilization	1	Job	\$2,134.84	\$ 2,134.84
B2	Clearing and Grubbing	500	SF	0.50	250.00
B3	Demolition of Existing Pipes 48 Inch	1	Job	10,200.00	10,200.00
B4	Roadway Excavation	220	CY	9.60	2,112.00
B5	Coffer Dam	1	Job	7,000.00	7,000.00
B6	Temporary Bypass System	1	Job	15,000.00	15,000.00
B7	Haul and Dispose of Unsuitable Debris	20	CY	9.00	180.00
B8	SWPPP - Temporary Silt Fence	100	LF	6.00	600.00
B9	SWPPP - Temporary Stabilized Construction Site Access	1	EA	3,420.00	3,420.00
B10	SWPPP - Construction Waste Management	1	Job	1,800.00	1,800.00

**Total Bid Schedule B = \$42,696.84**

**RECLAMATION DISTRICT NO. 784  
CURTIS STREET CULVERT REPLACEMENT PROJECT  
DETAILED COST ESTIMATE - DECEMBER 21, 2021**

<b>Project</b> RD 784 - Curtis Street Culvert Replacement Project	<b>CO.</b> Sutter	<b>RCVD. BY</b> S.M. Minard	<b>DATE</b> 21-Dec-21
<b>MHM PROJECT NO.</b> 2021-215	<b>QTY. BY</b> K. Sanchez	<b>IN</b> 7-Dec-21	<b>CONST. INDEX</b> 10315.44
<b>ESTIMATE NO.</b> 1	<b>QTY. CHK.</b> S. Minard	<b>OUT</b> 21-Dec-21	<b>BLDG. INDEX</b> 5637.09

Item No.	Item Description	Estimated Quantity	Unit	Unit Price (\$/Unit)	Amount (\$)
----------	------------------	--------------------	------	----------------------	-------------

**Bid Schedule C - RD 784 - Curtis Street Culvert Replacement Project -2021 IRWMP – Lateral 15 Station 2.250 – 48 Inch Culvert Installation**

C1	Mobilization and Demobilization	1	Job	\$4,507.89	\$ 4,507.89
C2	Clearing and Grubbing	500	SF	0.50	250.00
C3	Construction Area Signs	1	Job	4,200.00	4,200.00
C4	Embankment	10	CCY	50.00	500.00
C5	Import Borrow	60	BCY	55.00	3,300.00
C6	48 Inch Reinforced Concrete Pipe or 48 Inch CMP or 48 Inch Type S HDPE	130	LF	350.00	45,500.00
C7	Flared End Section	4	EA	4,000.00	16,000.00
C8	Rock Slope Protection (200 LB)	50	TON	72.00	3,600.00
C9	Class 2 Aggregate Base	100	TON	66.00	6,600.00
C10	SWPPP - Temporary Silt Fence	200	LF	6.00	1,200.00
C11	SWPPP - Temporary Stabilized Construction Site Access	1	EA	2,500.00	2,500.00
C12	SWPPP - Construction Waste Management	1	Job	1,500.00	1,500.00
C13	SWPPP - Erosion Control Seeding	500.0	SF	1.00	500.00

**Total Bid Schedule C = \$90,157.89**

<b>Subtotal Construction Cost (A through C) =</b>	<b>\$155,854.74</b>
County Plan Check and Inspection @ 4% =	3,606.32
Preliminary Engineering @ 3.0% =	2,704.74
Design Engineering and Surveying @ 5.0% =	4,507.89
Construction Surveying @ 4.0% =	3,606.32
Construction Management @ 4.0% =	3,606.32
Materials Testing	3,000.00
County Approval Process @ 3.0%	4,675.64
Encroachment Permits	5,000.00
Utility Relocation =	20,000.00
<b>*** For Budget Purposes =</b>	<b>\$207,000.00</b>

