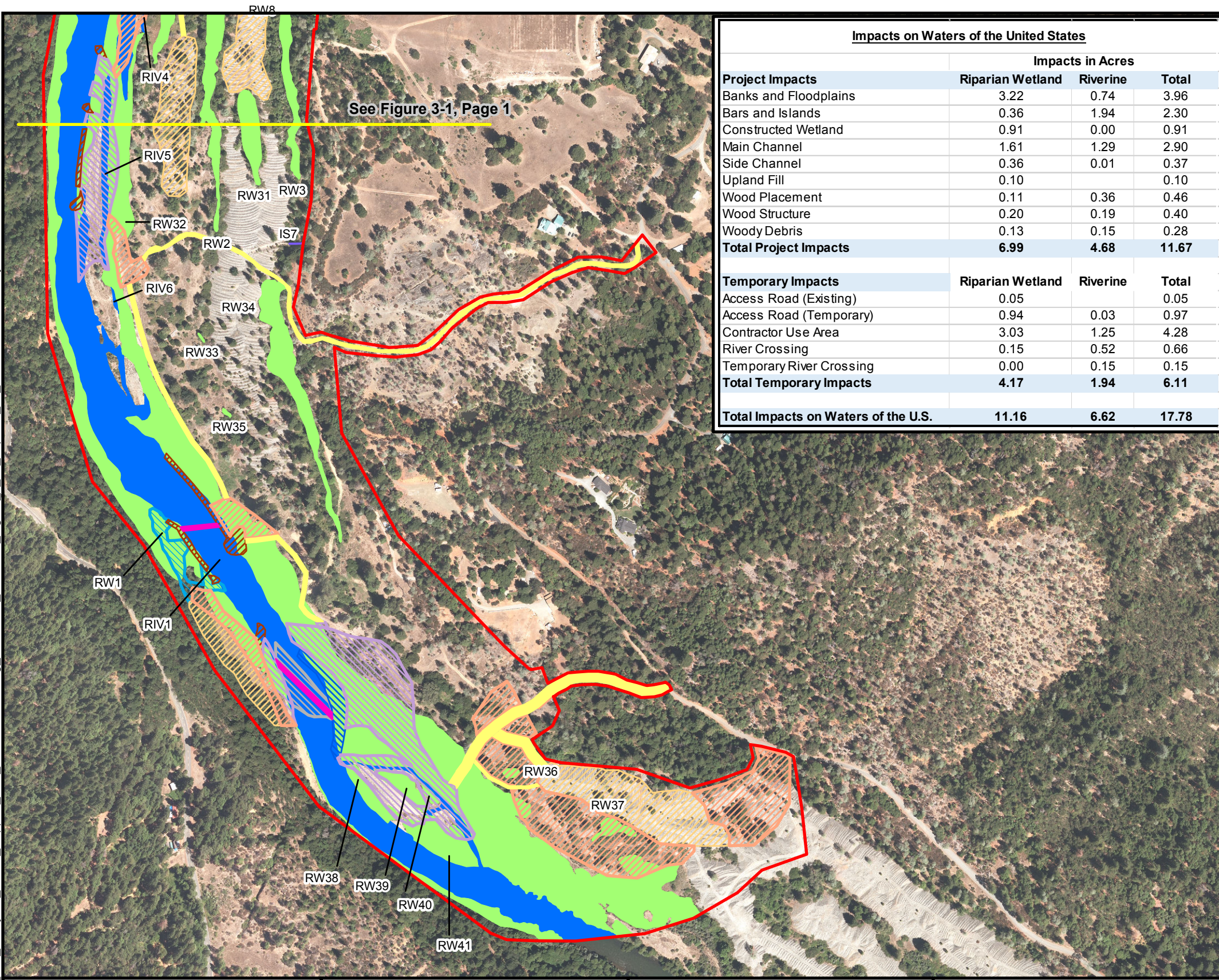


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Impacts on Waters of the United States			
Project Impacts	Impacts in Acres		
	Riparian Wetland	Riverine	Total
Banks and Floodplains	3.22	0.74	3.96
Bars and Islands	0.36	1.94	2.30
Constructed Wetland	0.91	0.00	0.91
Main Channel	1.61	1.29	2.90
Side Channel	0.36	0.01	0.37
Upland Fill	0.10		0.10
Wood Placement	0.11	0.36	0.46
Wood Structure	0.20	0.19	0.40
Woody Debris	0.13	0.15	0.28
Total Project Impacts	6.99	4.68	11.67
Temporary Impacts	Riparian Wetland	Riverine	Total
Access Road (Existing)	0.05		0.05
Access Road (Temporary)	0.94	0.03	0.97
Contractor Use Area	3.03	1.25	4.28
River Crossing	0.15	0.52	0.66
Temporary River Crossing	0.00	0.15	0.15
Total Temporary Impacts	4.17	1.94	6.11
Total Impacts on Waters of the U.S.	11.16	6.62	17.78

Project Impacts

- Main Channel
- Side Channel
- Bars and Islands
- Banks and Floodplains
- Constructed Wetland
- Upland Drainage
- Wood Placement
- Upland Fill

Temporary Impacts

- Contractor Use Area
- River Crossing
- Access Road

Waters of the United States

Wetlands

- Riparian Wetland (41.471 acres)
- Riverine (20.461 acres)
- Seasonal Wet Meadow (0.001 acre)

Other Waters

- Intermittent Stream (0.070 acre)
- Non-Jurisdictional Intermittent Stream (0.057 acre)

Public Land Survey:
T33N, R10W, Sec. 18 & 19
USGS 7.5 Quad:
Junction City - Revised 1982

Prepared by:

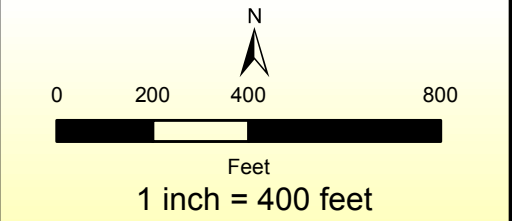
North State Resources, Inc.
5000 Bechelli Lane Suite 203
Redding, CA 96002 Phone (530) 222-5347
Fax (530) 222-4958 www.nsmet.com

Prepared for:

Trinity River Restoration Program
P.O. Box 1300, 1313 Main St.
Weaverville, CA 96093

Delineator: North Wind Resource Consulting, North State Resources, Inc.
Delineation Date: May-July 2015; April-June 2016
Aerial Photography Source: TRRP 2015

This delineation of waters of the United States is subject to verification by the U.S. Army Corps of Engineers (Corps). NSR advises all parties that the delineation is preliminary until the Corps provides a written verification.



TRINITY RIVER RESTORATION PROGRAM
Deep Gulch and Sheridan Creek Rehabilitation Sites




Figure 3-1b
Impacts on Waters of the United States
November 2016

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Project Impacts

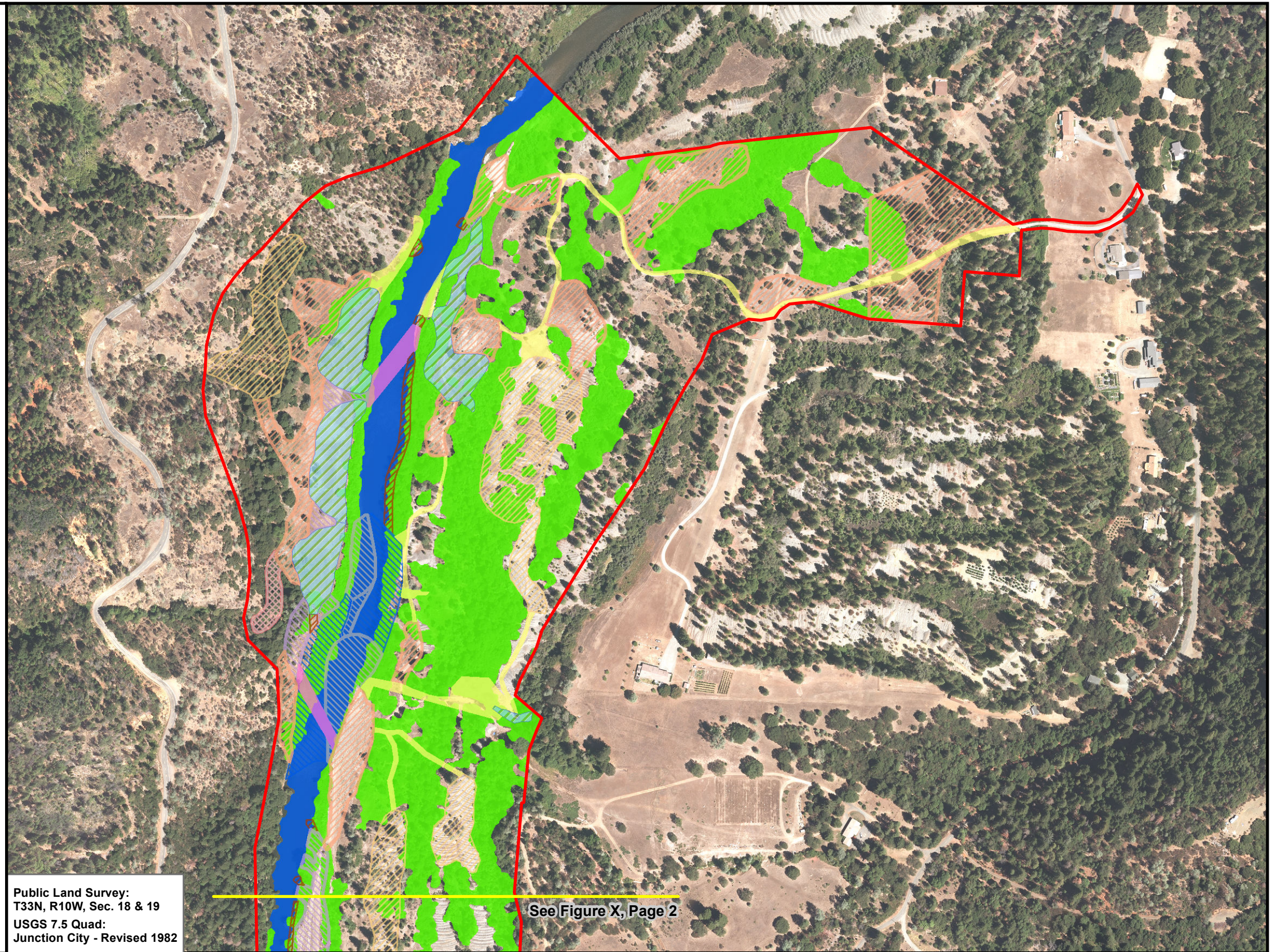
-  Main Channel
-  Side Channel
-  Bars and Islands
-  Banks and Floodplains
-  Constructed Wetland
-  Upland Drainage
-  Wood Placement
-  Upland Fill

Temporary Impacts

-  Contractor Use Area
-  River Crossing
-  Access Road

Riparian Habitat

-  Montane Riparian
-  Riverine
-  Valley Foothill Riparian



Impacts on Riparian Habitat

Project Impacts	Impacts in Acres		
	Montain Riparian	Riverine	Total
Banks and Floodplains	3.60	0.05	3.65
Bars and Islands	0.44	1.84	2.28
Constructed Wetland	1.15	--	1.15
Main Channel	1.77	1.16	2.93
Side Channel	0.26	< 0.01	0.26
Upland Fill	1.44	--	1.44
Wood Placement	0.24	0.22	0.46
Wood Structure	0.25	0.12	0.36
Woody Debris	0.20	0.07	0.27
Total Project Impacts	9.35	3.46	12.80
Temporary Impacts	Montain Riparian	Riverine	Total
Access Road (Existing)	0.25	--	0.25
Access Road (Temporary)	1.67	0.01	1.68
Contractor Use Area	4.94	< 0.01	4.95
River Crossing	0.17	0.47	0.64
Temporary River Crossing	0.01	0.14	0.15
Total Temporary Impacts	7.04	0.62	7.67
Total Impacts on Riparian Habitat	16.39	4.08	20.47

Public Land Survey:
T33N, R10W, Sec. 18 & 19
USGS 7.5 Quad:
Junction City - Revised 1982

See Figure X, Page 2

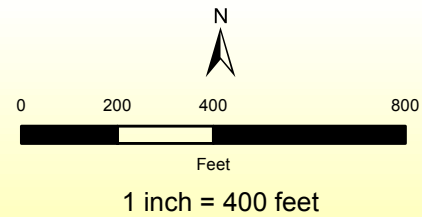
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**TRINITY RIVER RESTORATION PROGRAM
Deep Gulch and Sheridan Creek Rehabilitation Sites**

**Figure 3-2a
Impacts on Riparian Habitat**

January 2017