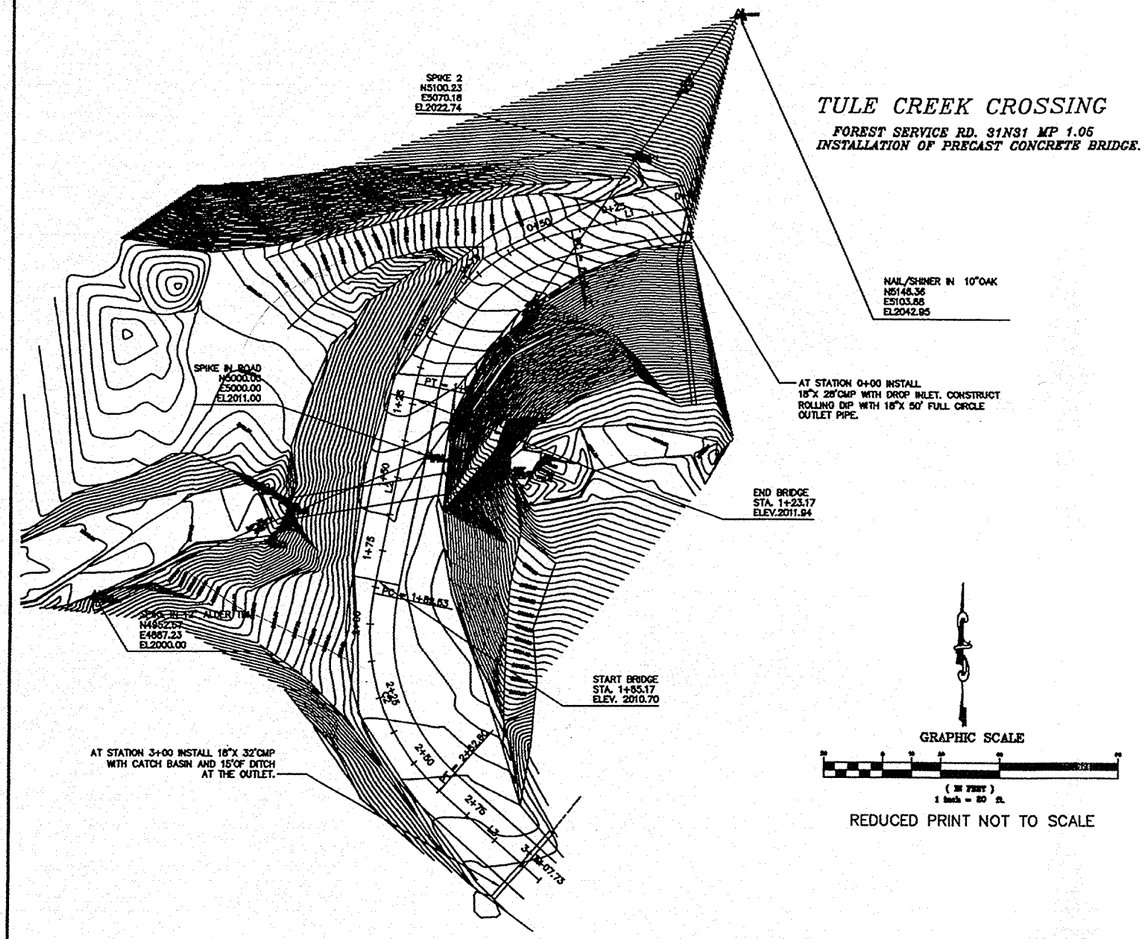


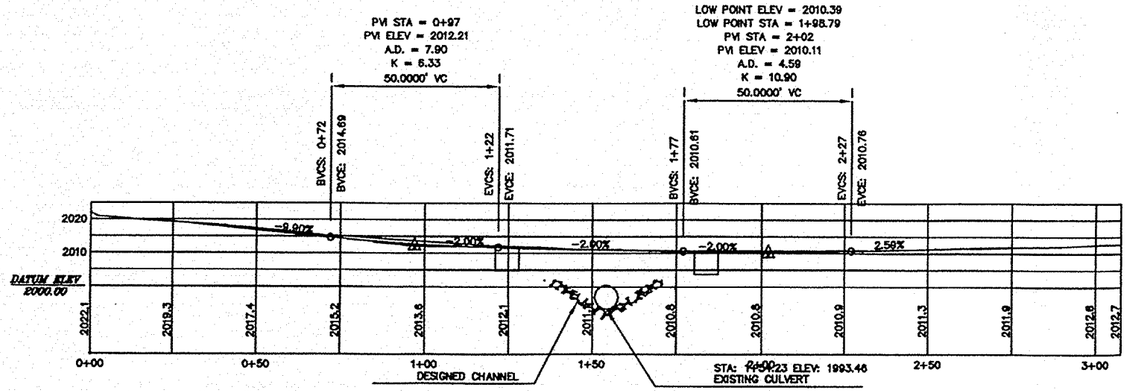
TULE CREEK CROSSING

FOREST SERVICE RD. 31N31 MP 1.05
INSTALLATION OF PRECAST CONCRETE BRIDGE.

GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

REDUCED PRINT NOT TO SCALE



EARTHWORK

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
0+00	0.00	0.00				
			9.91	0.00	9.91	0.00
0+10	53.53	0.00				
			21.54	0.00	31.46	0.00
0+20	62.79	0.00				
			31.18	0.00	62.64	0.00
0+30	105.60	0.00				
			32.37	0.00	95.01	0.00
0+35	244.00	0.00				
			55.28	0.00	150.29	0.00
0+40	352.98	0.00				
			167.49	0.00	317.78	0.00
0+50	551.45	0.00				
			234.48	0.00	552.26	0.00
0+60	714.76	0.00				
			278.84	0.00	831.10	0.00
0+70	790.97	0.00				
			296.04	0.00	1127.14	0.00
0+80	807.66	0.00				
			284.07	0.00	1411.21	0.00
0+90	726.32	0.00				
			214.66	0.00	1625.87	0.00
1+00	432.85	0.00				
			96.13	0.00	1722.00	0.00
1+09.35	122.35	0.00				
			2.66	0.00	1724.67	0.00
1+10	98.97	0.00				
			22.07	0.00	1746.74	0.00
1+20	20.20	0.00				
			3.74	0.00	1750.48	0.00
1+30	0.00	0.00				
			0.00	0.00	1750.48	0.00
1+40	0.00	0.00				
			0.00	0.00	1750.48	0.00
1+50	0.00	0.00				
			0.00	0.00	1750.48	0.00
1+52.28	0.00	0.00				
			0.00	0.00	1750.48	0.00

CHANNEL EXCAVATION	1750.00
BRIDGE EXCAVATION	600.00
TOTAL:	2350.00

ABUTMENT 1

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
1+80.25	373.58	0.00				
			62.79	0.00	62.79	0.00
1+85	340.22	0.00				
			14.18	0.13	76.97	0.13
1+87.25	0.02	3.13				
			0.00	0.00	76.97	0.13

ABUTMENT 2

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
1+21.09	280.12	0.00				
			39.59	0.00	39.59	0.00
1+25	266.60	0.00				
			30.09	0.00	69.67	0.00
1+28.09	259.16	0.00				
			0.00	0.00	69.67	0.00

CONSTUCTION NOTES:

1). ROLLING DIPS SHALL BE INCIDENTAL TO SECTION 203 EXCAVATION.

2). SOIL EROSION CONTROL MEASURE WILL BE REQUIRED IN ACCORDANCE WITH SECTION 204 AND PAYMENT SHALL BE INCIDENTAL TO SECTION 203 EXCAVATION.

3). CLEARING AND GRUBBING, SLASH TREATMENT METHODS:

* TOPS AND LIMBS – METHOD 2, PILING FOR FUTURE BURNING.
* STUMPS – METHOD 5, BURY AT LOCATION, DESIGNATE ON THE GROUND.
* TIMBER – METHOD 8, DECK AT LOCATION DESIGNATED ON THE GROUND.

4). ALL FILLS AND DISTURBED AREAS SHALL BE MULCHED WITH RICE STRAW AT AN APPLICATION RATE OF 3000 LB/ACRE.

REVISIONS

INITIALS DATE

U.S. DEPARTMENT OF AGRICULTURE
U.S. FOREST SERVICE
CALIFORNIA REGION – 5

SHASTA–TRINITY NATIONAL FOREST

Tule Creek Crossing
FS Road 31N31
Plan, Profile
Earthwork

DESIGNED	DATE
USFS	5/03

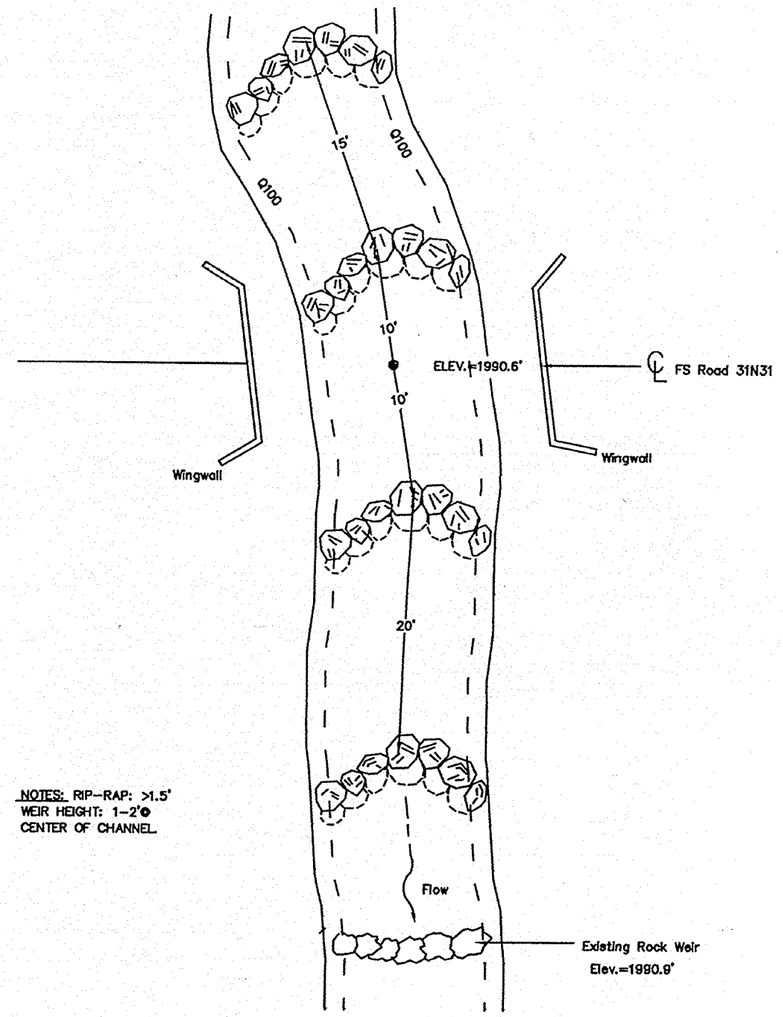
DRAWN	DATE
TMoxness	5/03

PLOTTED	DATE
TMoxness	5/03

No Scale
SCALE

SHEET NO.
3 OF 23

Rev. 8/2001



NOTES: RIP-RAP: >1.5'
WEIR HEIGHT: 1-2'@
CENTER OF CHANNEL

PLAN VIEW:

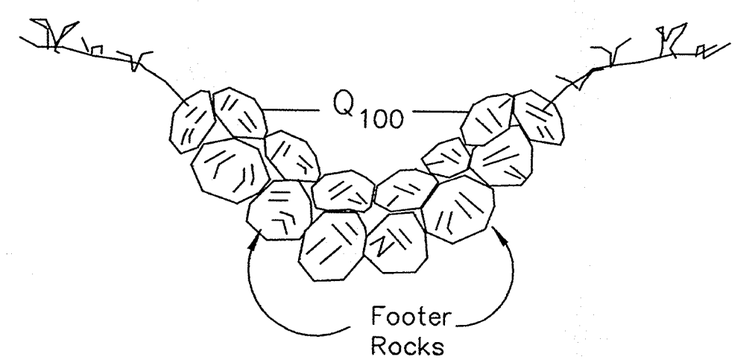
"VORTEX ROCK WEIR"

Not to Scale

CROSS-SECTION VIEW:

"VORTEX ROCK WEIR"

Not to Scale



CONSTRUCTION NOTES:

1). WEIR CONSTRUCTION SHALL BE INCIDENTAL TO SECTION 251 – RIPRAP

REVISIONS	
INITIALS	DATE

U.S. DEPARTMENT OF AGRICULTURE
U.S. FOREST SERVICE
CALIFORNIA REGION - 5

SHASTA-TRINITY NATIONAL FOREST

Tule Creek
Bridge Installation
FS Road 31N31
Weir Typical

DESIGNED	DATE
Fitz	4/03
DRAWN	DATE
Fitz	4/03
PLOTTED	DATE
TMoxness	4/03
No Scale (SCALE)	

SHEET NO. 18 OF 23

Rev. 8/2001