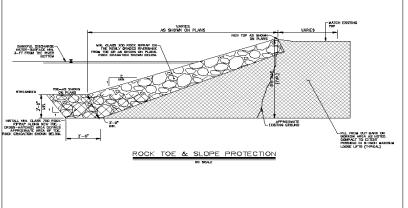
## CARSON VALLEY CONSERVATION DISTRICT

River Projects 2023-2024









## CONSTRUCTION NOTES

- REGRADE ERODED RIVER BANK BY FILLING AS NEEDED FROM PROPOSED GREST LINE AT THE SLOPE NOTED ON PLANS, USE MATERIAL FROM THE BORROW AREAS OR AS DIRECTED BY CARSON VALLEY CONSERVATION DI
- DEPTH OF EXCAVATION IN BORROW AREA SHALL NOT EXCEED ELEVATION OF ADJACENT PROPOSED TOE IN PROJECT AREA. TRANSITION FROM BORROW APEA TO EX. UNDISTURBED GROUND SHALL BE MADE AT 5:1 (MAX.) IN A SMOOTH & WURKMAN-LIKE MANNER.
- PROTECT EXISTING TREES AND RIPARIAN VEGETATION TO THE EXTENT POSSIBLE THROUGHOUT CONSTRUCTION. REMOVAL OF TREES IN EXCESS OF 6" IN DIAMETER IS PROHIBITED WITHOUT DIWIER APPROVAL UNLESS OTHERWISE NOTED.

## TABLE 200.07.04-1

Percen tage by Mass Passin g Sieve	Sieve Size (inches)						
	Class	Class	Class	Class	Class	Class	
	150	300	400	550	700	900	
100	10	20	30	40	48	60	
70 - 85	9	18	27	36	45	54	
30 - 50	6	12	18	24	30	36	
5 - 15	2	5	7	12	18	24	
0	1	2	3	6	8	12	
D50(1)	6	12	16	22	28	35	

Test Method	Requirements	
ASTM C 535 (1)	45 Maximum	
ASTM C 127	4.2 Maximum	
ASTM C 97	2.5 Minimum (2)	
ASTM D 3744	52 Minimum	
	ASTM C 535 (1)  ASTM C 127  ASTM C 97	

- BIDD REVOLUTIONS
   RIP-RAP WITH A SPECIFIC CRANTY OF LESS THAN 2.5 WILL NOT BE ALLOWED.
   RIP-RAP SHALL BE CULYPRIED WITH FRACTURED FACES.
   RIP-RAP SHALL HAVE AN EXPITE TOKE WHICH BEINDS WITH SURROUNDING ENVIRONMENT.
- ROCK RIP-RAP SPECIFICATIONS

NO SCALE



## ESTIMATED QUANTITIES

EARTH WORK: ±300 L.F. - 0.2 AC (50,075 S.F.)

NET FILL = 2,300 CY

RIPRAP: ~300 CY

NOTE:
1.00 CAMPAINTE IS MADE CONCERNING THE ACCURACY OF THE
1.00 CHARLES OF THE CONTRACTOR SHALL DETERMINE
ACTUAL CULARITIES OF WORK ASSOCIATED WITH THE POWLET.
2. THE BORROW AREAS AND ASSOCIATED CUT ARE NOT INCLUDED IN
THE SEARTHMONIK ESTIMALE.



EMERGENCY LEVEE REPAIR AND CARSON RIVERBANK STABILIZATION PROJECT NEAR CARSON VALLEY GOLF COURSE GARDNERVILLE, NV

Kimley»Horn

달

IATES, REVIO.

NAGASEKHAR R. GORLA Spin 08/30/25 CIVIL

10/26/ SCALE: AS DESIGNED B DRAWN BY:

SHEET NUMBER















## Project Quantities Emergency Repair

	Instream materials dredged for fill purposes	2300 C/Y
*	Rock Rip-Rap for slope protection Class 300	330 C/Y
K	Rock Rip-Rap for slope protection Class 700	110 C/Y
	Instream materials removed for imp. capacity	4100 Tons

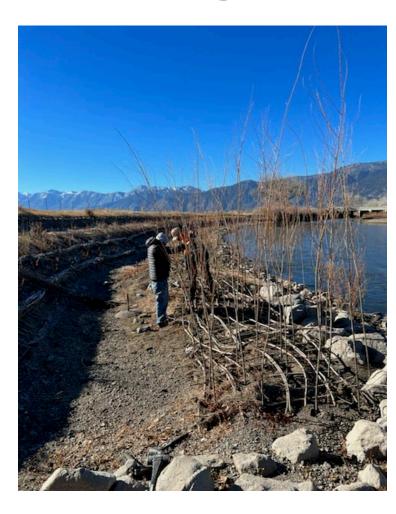
Two Ranch Road River Restoration Running River Ranch Flood Damage Repairs

Cradelbaugh
Bridge
Replacement of
Bioengineering

Highway 88 Emergency Work and Restoration

# Additional work last fall and winter

## Cradelbaugh Bioengineering





## Running River Flood Damage Repairs





## Two Ranch Road River Restoration









## HIGHWAY 88 BRIDGE RIVER RESTORATION

## **Project Partners**

- Carson Truckee Water Conservancy District
- Carson Water Subconservancy District
- Nevada Division of Water Resources
- Nevada Division of Environmental Protection
- Douglas County, Nevada
- Natural Resource Conservation Service
- Carson Valley Conservation District

