

**PORTNEUF
SOIL & WATER
CONSERVATION
DISTRICT**

Serving Bannock County Since 1940





Lava Trails Project



Portneuf Soil & Water Conservation District

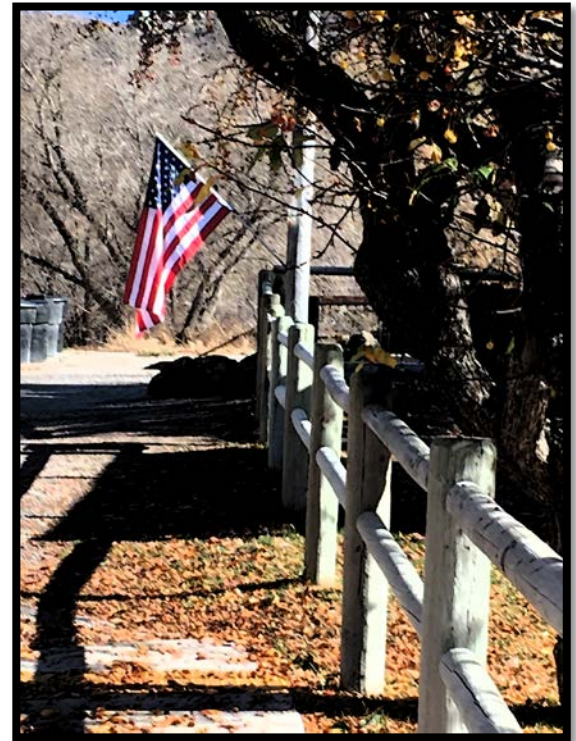
The goal of the Lava Trails Project is to improve approximately 1600 feet of trail system along the north and south banks of the Portneuf River through a three phased approach. The planning process began with members of the PSWCD meeting with representatives from the Lava Hot Springs Foundation and the City of Lava Hot Springs to discuss the current recreational opportunities within the city limits and the amount of use the current degraded trails were receiving. The PSWCD volunteered to take the lead on a project focusing on the improvement of the trails, as well as implementing proper signage, and fencing to control the crowds in a safe and orderly fashion. PSWCD also noted the need to reclaim several of the access points, noting that they were degraded and had become unsafe. PSWCD determined the necessity of fencing the trail system; thereby providing order and increasing safety for the large number of tourists utilizing the system during the peak season. Phase 1 of the project includes Riparian Fencing, 4 access points as well as a floating dock and observation deck. The PSWCD will select a local professional contractor to improve the trails, build the fence, install one floating dock, and one observation deck. Phase 1 of the project is scheduled to be implemented during the fall of 2016, with two more phases scheduled to occur in 2017 and 2018 respectively.

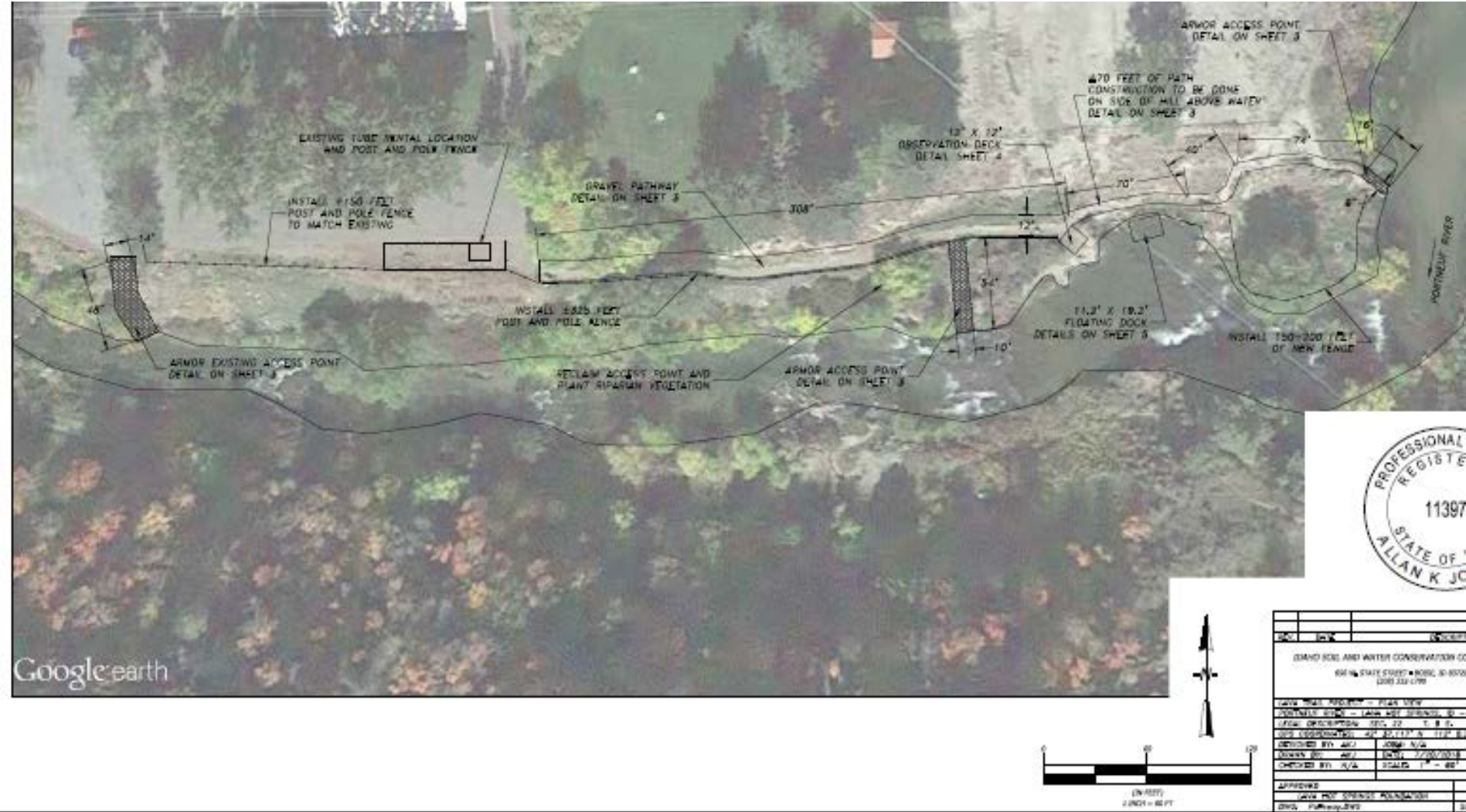
Project Overview



Thanks to our Partners

- Financial Partners
 - Idaho Department of Parks and Recreation
 - Lava Hot Springs Foundation
 - City of Lava Hot Springs
- Project Support Partners
 - Idaho Soil & Water Conservation Commission
 - Conservation Basics
 - KT Excavation, LLC
 - ST Construction
 - Baker Ranch, LLC
 - Riley's Construction





Project Map



Pre-Project Access Point # 1



STEEP RIVER ACCESS POINT



VIEW FROM SOUTH
SIDE OF RIVER



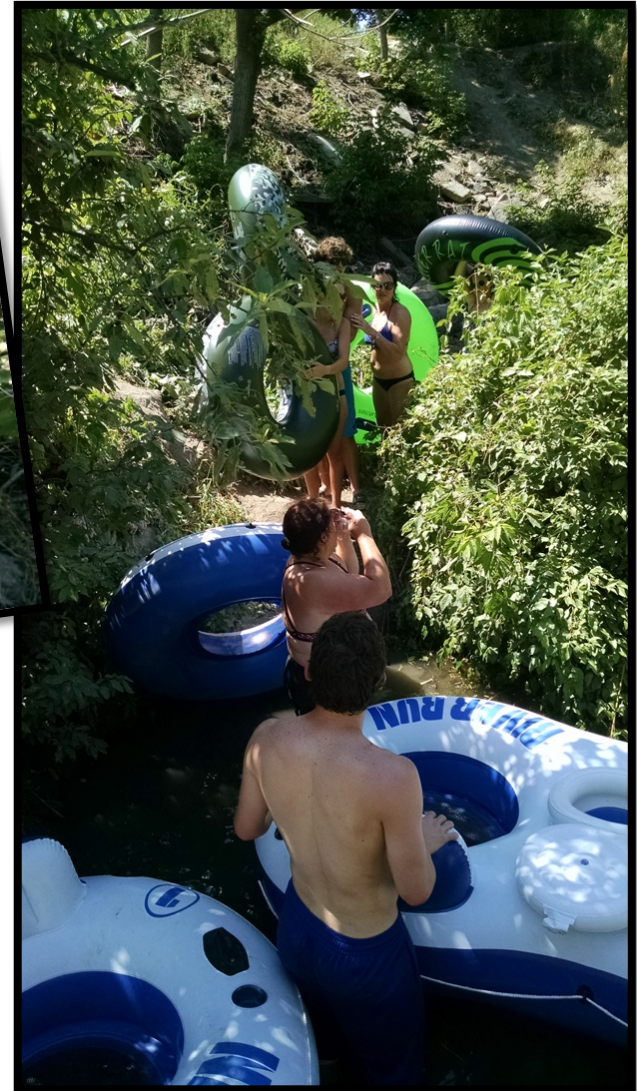
DAMAGED RIVER
ACCESS POINT



Pre-Project Access Point # 2



DAMAGED ACCESS POINTS SLOW DOWN USER ACCESS TO THE RIVER WHICH CAUSE USERS TO FIND ALTERNATIVE ACCESS POINTS. THIS CREATES UNSAFE ACCESS POINTS WHICH CASUE EROSION AND KILL OFF VEGETATION.



Pre-Project Trail Condition

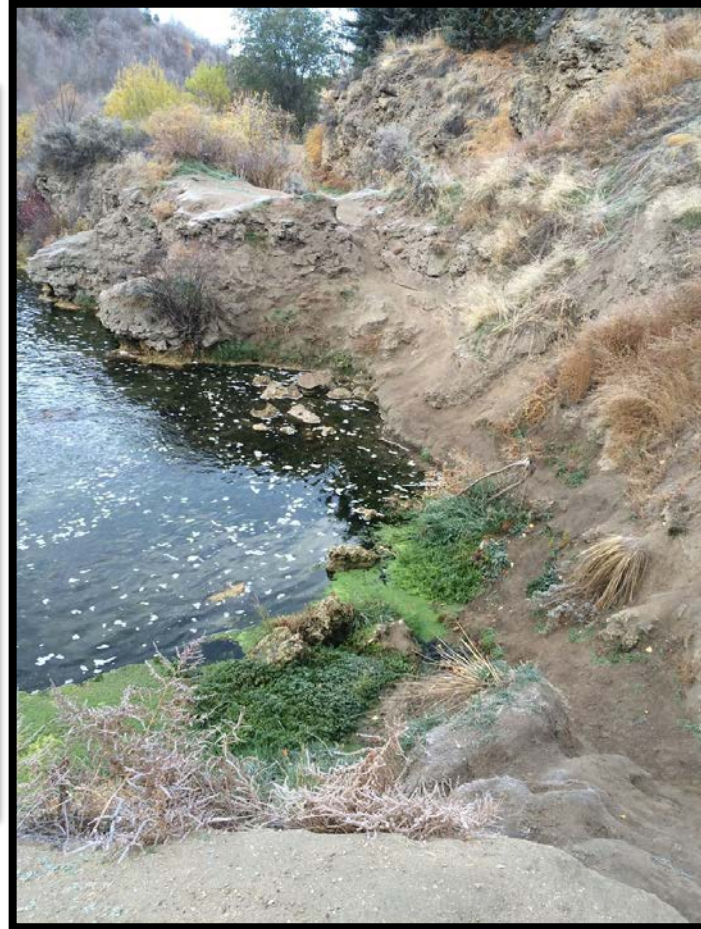


SOUTH VIEW OF COVE & ACCESS POINTS # 3 & # 4

ACCESS POINTS # 3 & # 4 ARE THE MOST POPULAR AND MOST DANGEROUS POINTS TO ENTER THE RIVER. NO VEGETATION REMAINS ON THE BANK AND STEP TRAILS TO EACH ACCESS POINT ARE DANGEROUS.



Pre-Project Access Point # 3



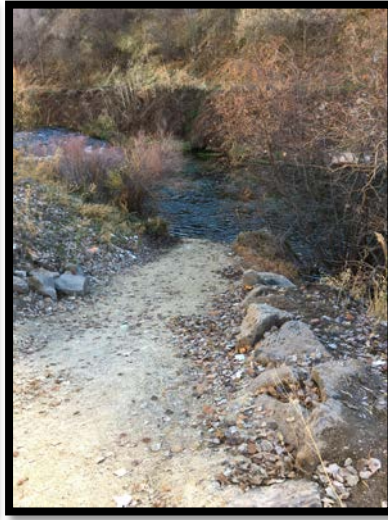
Pre-Project Access Point # 4



VIEW LOOKING UPRIVER FROM ACCESS POINT # 4
ACCESSING THE RIVER FROM THIS POINT ALLOWS USERS TO RIDE OVER THE FALLS
INTO THE COVE WHERE ACCESS POINT # 3 IS LOCATED.



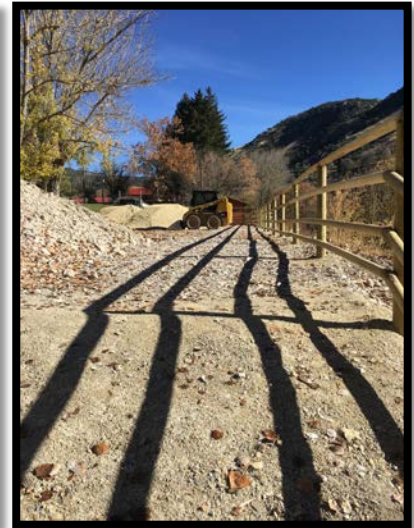
Access Point # 1 Construction



IMPROVED TRAIL
FROM MAIN
PARKING AREA TO
ACCESS POINT # 1.

IMPROVMENTS INCLUDE

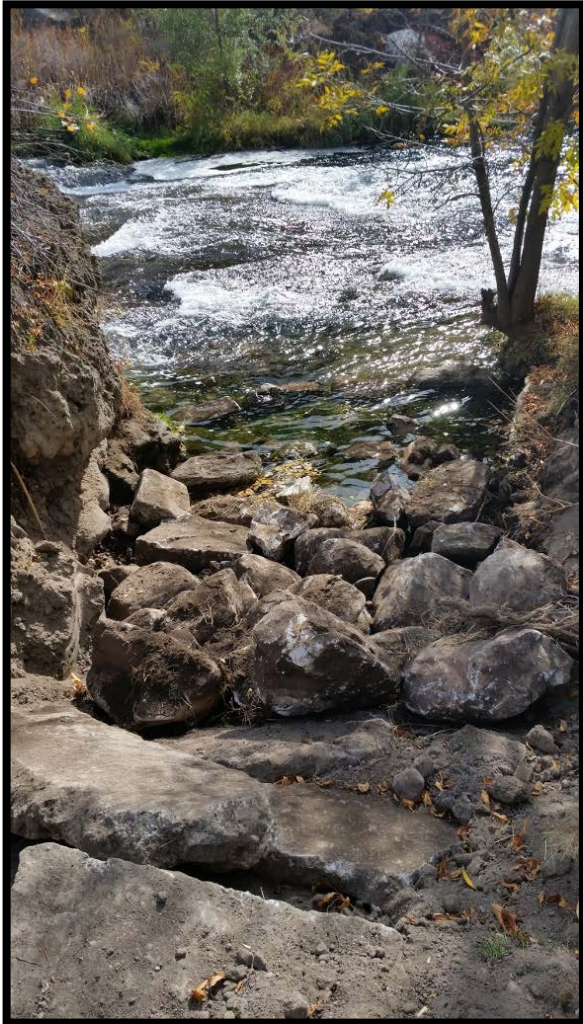
- REGRADED TRAIL
SLOPE
- HARDENED,
PERMEABLE TRAIL
SURFACE
- RIPARIAN FENCING
- ROCK RETAINING
WALLS



Access Point # 2 Construction

IMPROVMENTS INCLUDE

- REGRADED TRAIL SLOPE
- HARDENED, PERMEABLE TRAIL SURFACE
- RIPARIAN FENCING
- ROCK RETAINING WALLS



Trail Construction



TRAIL CONSTRUCTION INCLUDES 600 + FEET OF RIPARIAN FENCING TO DIRECT USERS TO NEW ACCESS POINTS. THE NEW TRAIL SURFACE IS A HARDENED, PERMEABLE SURFACE TO HELP SLOW RUNOFF.



Observation Deck



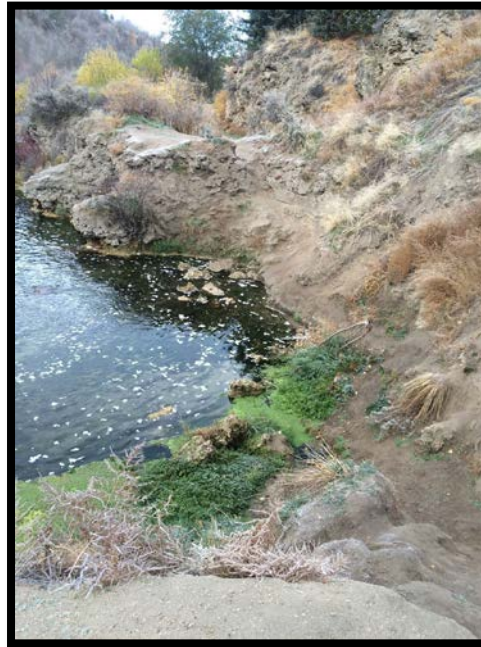
VIEW OF ACCESS POINT
3 FROM THE
OBSERVATION DECK



Access Point # 3 Construction

IMPROVMENTS INCLUDE

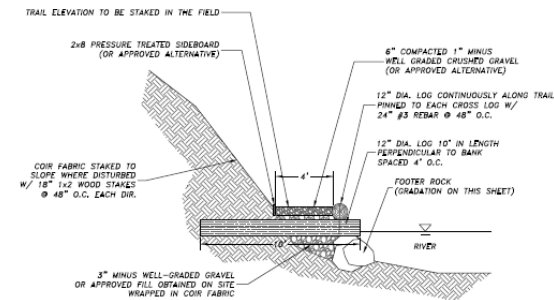
- BUILDING A TRAIL ACROSS THE COVE TO CONNECT ACCESS POINTS # 3 & # 4.
- REGRADED TRAIL SLOPE
- HARDENED, PERMEABLE TRAIL SURFACE
- ROCK RETAINING WALLS



Access Point # 3 Construction



INSTALLATION OF THE LOG CRIB.



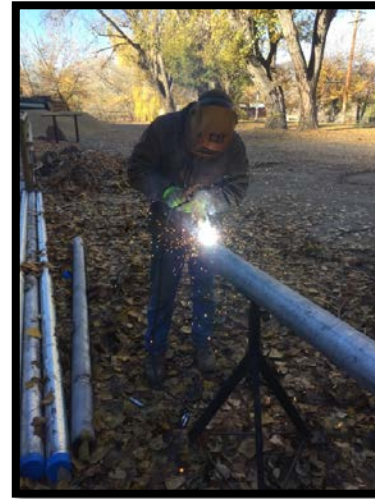
TRAIL PROFILE NEAR RIVER
NO SCALE



Dock @ Access Point # 3

ACCESS POINT # 3 INCLUDES

- A 19' X 11' FLOATING DOCK
- REGRADED TRAIL SLOPE
- HARDENED, PERMEABLE TRAIL SURFACE
- ROCK RETAINING WALLS
- RIPARIAN FENCING



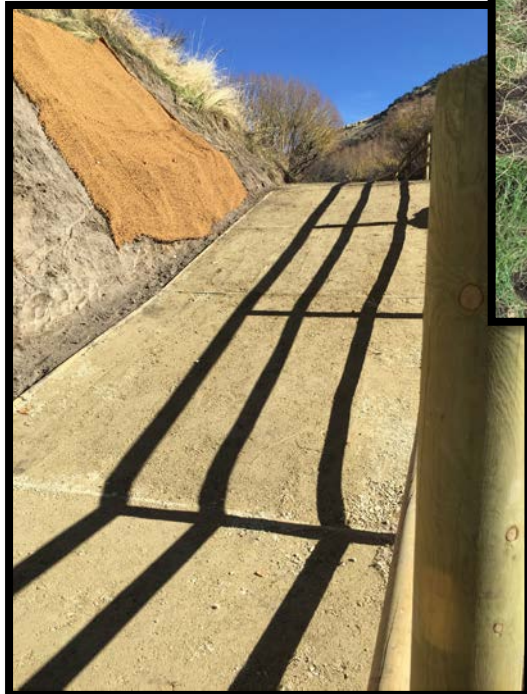
THE FLOATING DOCK IS ANCHORED TO FOUR MORING POSTS INSTALLED AT THE RIVERS EDGE. THE DOCK IS DESIGNED TO RISE AND FALL WITH WATER LEVELS AND GIVES USERS EASIER ACCESS INTO THE RIVER.



Access Point # 4 Construction



ACCESS POINT # 4
TRAIL BASE



VIEW OF TRAIL FROM ACCESS
POINT # 3 TO ACCESS POINT # 4



COMPLETED ACCESS
POINT # 4

