



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT  
1325 J STREET  
SACRAMENTO CA 95814-2922

August 2, 2017

Regulatory Division (SPK-2017-00461)

Public Works Director  
Attn: Mr. Ron Whitehead  
197 East Tabernacle St.  
St. George, Utah 84770

Dear Mr. Whitehead:

We are responding to your June 5, 2017 pre-construction notification for a Department of the Army Nationwide permit for the Sierra Bella Park Channel Repair project. The approximately 0.5-acre project site is located on an unnamed tributary to the Virgin River and is directly north of State Route 9, in the town of Virgin; Latitude 37.2018°, Longitude -113.1866°, Washington County, Utah (enclosure 1).

Based on the information you provided to this office, the Sierra Bella Park Channel Repair project involves the discharge of fill material into an ephemeral stream, subject to Section 404 of the Clean Water Act. The specific activities that require DA authorization are the placement of 780 linear feet (0.16 acre) riprap within the bed and along the banks of an ephemeral stream and channel clearing and shaping within an additional 170 linear feet of the stream channel. These activities will result in permanent impacts (but not permanent loss) to 0.16 acre/780 linear feet of ephemeral stream and temporary impacts to 0.04 acre/170 linear feet to the same ephemeral channel. The proposed activities will be conducted in accordance with the Sierra Bella Park Channel Repair plans dated November, 2016 (enclosure 2).

We have determined activities in waters of the U.S. associated with the project are authorized by Nationwide Permit Number (NWP) 37 - Emergency Watershed Protection and Rehabilitation.

You must comply with all terms and conditions of the NWP and applicable regional conditions. Information about the NWP terms and conditions and Sacramento District regional conditions for Utah are available on our website at [www.spk.usace.army.mil/Missions/Regulatory/Permitting/NationwidePermits.aspx](http://www.spk.usace.army.mil/Missions/Regulatory/Permitting/NationwidePermits.aspx). In addition, your work must comply with the following special conditions:

1. You shall comply with all terms and conditions of the March 9, 2017, Section 401 Water Quality Certification from the State of Utah Department of Environmental Quality, Division of Water Quality. A copy of the 401 Water Quality Certification is available on our website at: <http://www.spk.usace.army.mil/Missions/Regulatory/Permitting/Nationwide->

Permits/. A hard copy will be mailed to you at your request. You should pay particular attention to General Condition 8 of the 401 Water Quality Certification, regarding notification to the Utah Division of Water Quality.

2. Within 30 days after completion of the authorized work, you must sign the enclosed Compliance Certification and return it to this office with the information required by Sacramento District Regional Condition C(9) for Utah.

This verification is valid until March 18, 2022, when the existing NWP's are scheduled to be modified, reissued, or revoked. Furthermore, if you commence or are under contract to commence this activity before the date the NWP is modified, reissued, or revoked, you will have 12 months from the date of the modification, reissuance or revocation to complete the activity under the present terms and conditions. Failure to comply with the general and regional conditions of this NWP, or the project-specific special conditions of this authorization, may result in the suspension or revocation of your authorization.

We would appreciate your feedback on this permit action including your interaction with our staff and processes. For more information about our program or to complete our Regulatory Program national customer service survey, visit our website at [www.spk.usace.army.mil/Missions/Regulatory.aspx](http://www.spk.usace.army.mil/Missions/Regulatory.aspx).

Please refer to identification number SPK-2017-00461 in any correspondence concerning this project. If you have any questions, please contact Craig Brown at the Saint George Regulatory Office, 196 East Tabernacle Street, Suite 30, Saint George, Utah 84770-3474, by email at [Craig.J.Brown@usace.army.mil](mailto:Craig.J.Brown@usace.army.mil), or by telephone at (435) 986-3979.

Sincerely,



Jason A. Gipson  
Chief, NV-UT Section

Enclosures

cc:

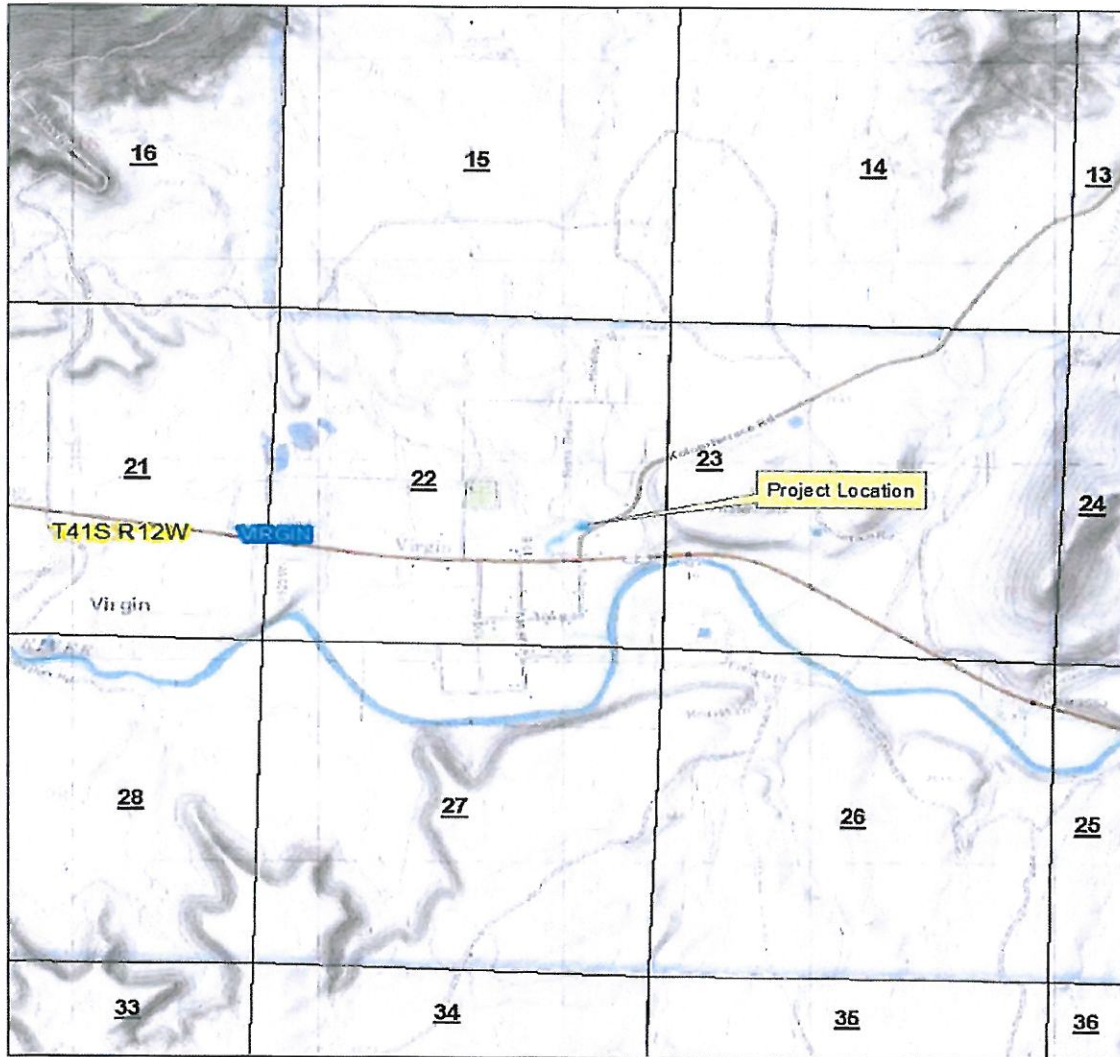
Lance Smith (NRCS): [lance.smith@ut.usda.gov](mailto:lance.smith@ut.usda.gov)

# Enclosure 1

SPK-2017-00461 – Sierra Bella Park Channel Repair

Vicinity Map

Location: -113.186 E, 37.205 N



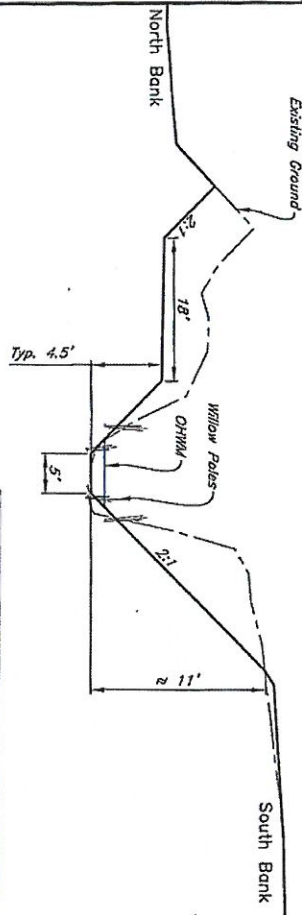






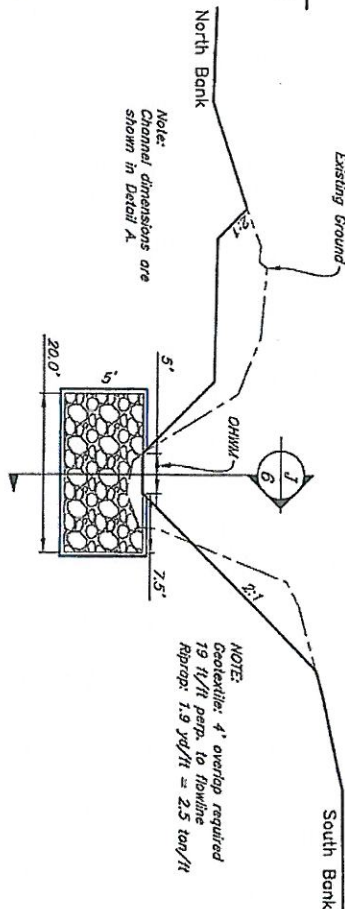


**NOTE: WILLOW POLE PLANTING**  
Two rows of willow poles shall be planted where the channel slopes have been graded. The first row of willow poles shall be planted at the toe of the grade. The second row will be planted 3' measured horizontally up the bank. The willows in the rows shall be staggered. Single willow poles shall be planted every 4'.



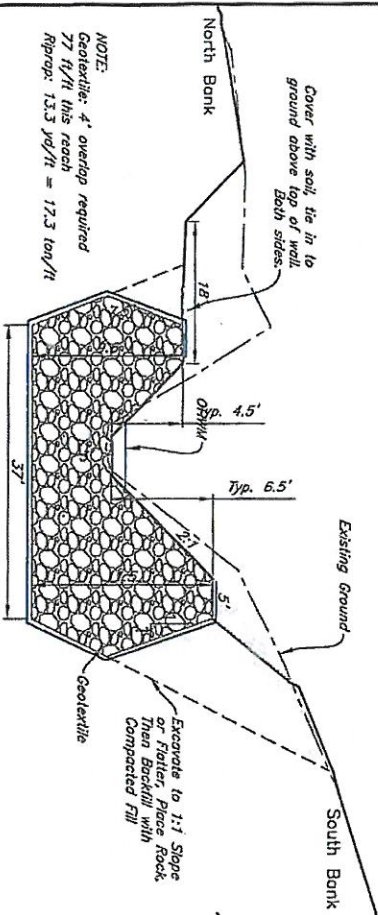
**A** Typical Section, Sta 1+00 - 3+70

N.T.S.



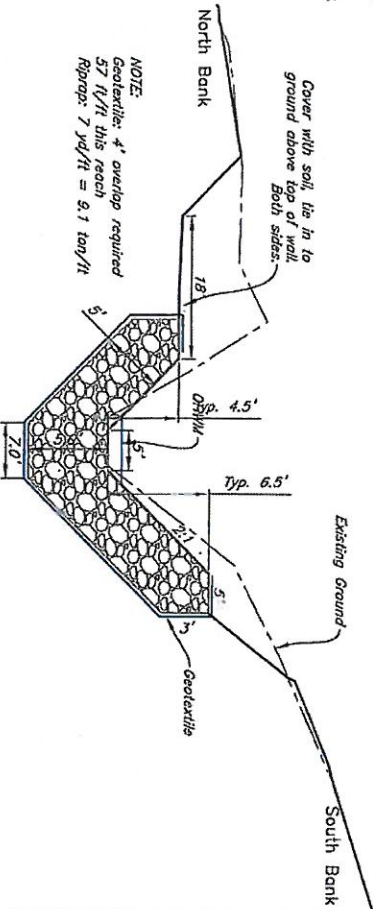
**B** Grade Stabilization at Sta 2+80

N.T.S.



**C** Typical Section, Sta 3+70 - 3+80

N.T.S.

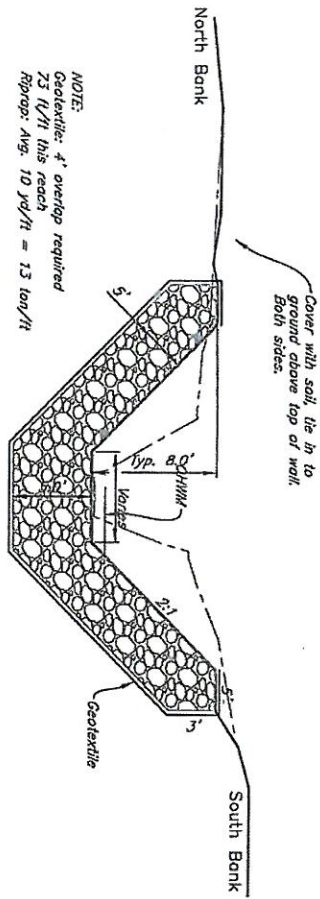


**D** Typical Section, Sta 3+80 - 5+20

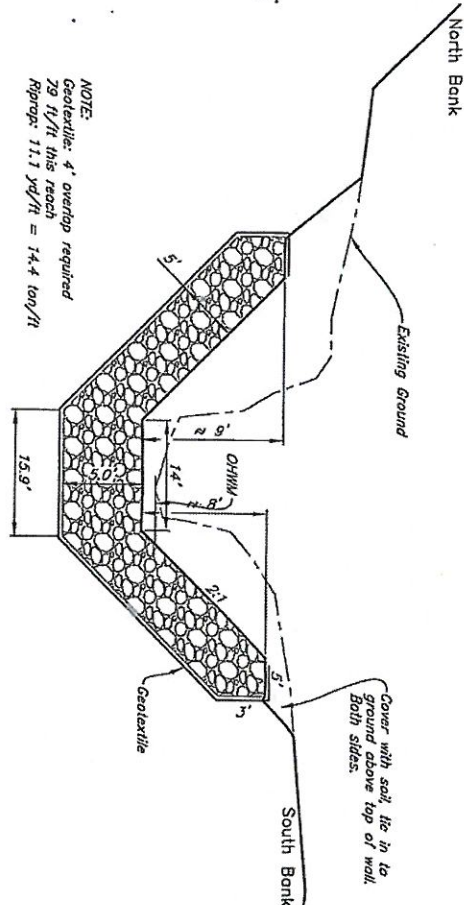
N.T.S.

Note: All sections looking upstream

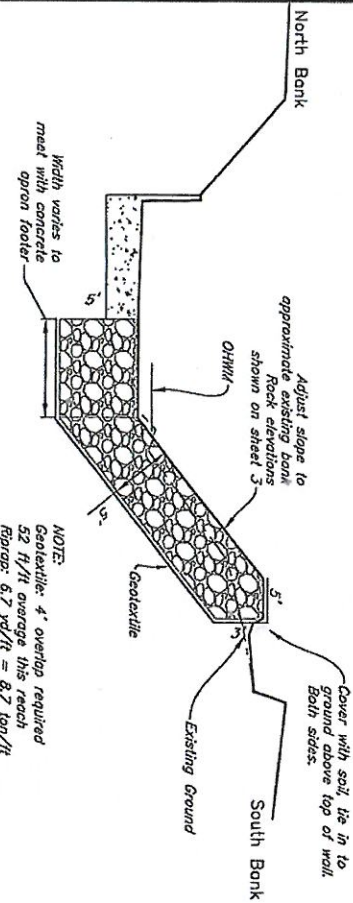




**E** Typical Section, Sta 5+20 - 5+60  
N.T.S.

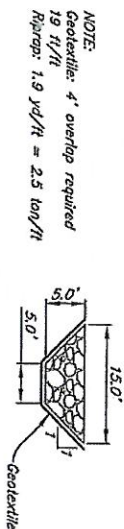


**F** Typical Section, Sta 5+60 - 7+08  
N.T.S.



**G** Typical Section, Sta 7+08 - 7+43  
N.T.S.

**J** Grade Stabilization at Sta 2+80  
N.T.S.



ANGULAR ROCK - WELL GRADED	
RIPRAP GRADATION	D50=30"
D100	48"
D75	36"
D50	30"
D25	15"
MIN. SIZE	9"

Sierra Bella Park Channel Repair  
Channel and Riprap Details  
Town of Virgin

Washington County, Utah

Designed JWM 11/2016  
Drawn JWM 11/2016  
Checked \_\_\_\_\_  
Approved \_\_\_\_\_

Job Class V

File: V:\2016\Sierra Bella Park Channel Repair\Drawings\Sheet 6 of 7  
Project No. \_\_\_\_\_  
Date: 11/2016

Note: All sections looking upstream