SAN JOSE CREEK CHANNEL EMERGENCY REPAIR PROJECT

PROJECT NO. FEMA 4308

To Be Supplemented by The Caltrans Standard Plans (2010), The Revised Standard Plans, and Specifications; Santa Barbara County Standard Details, American Public Works Association Southern California, and the latest MUTCD.

Also see Record Drawings

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PROJECT LOCATION:
APPROX. 200 FEET SOUTH OF HOLLISTER AVE.

SANTA BARBARA COUNTY

SANTA MARIA

HOLLISTER AVE.

GOLETA ("The Good Land")

SACRAMENTO

SAN FRANCISCO

LOS ANGELES

SAN DIEGO

LA MIRADA

CITY OF GOLETA

ROSEMARIE R. GAGLIONE, P.E.
PUBLIC WORKS DIRECTOR

CITY OF GOLETA

ROSEMARIE GAGLIONE, PE; Public Works Director / City Engineer

DESIGN CONSULTANT:
BENGAL ENGINEERING
250 BIG SUR DRIVE
GOLETA, CA 93117
(805) 563-0788

SAN JOSE CREEK CHANNEL EMERGENCY REPAIR PROJECT

PROJECT LOCATION:
APPROX. 200 FEET SOUTH OF HOLLISTER AVE.
Notes:
1. Remove existing ASR. Prospect for transverse joints before proceeding.
2. Excavate channel to 3-feet below top of existing ASR. Stringline grades for grade breaks between conforms.
3. Place 4 Ton RSP over RSP fabric.
4. Warp finished grade of RSP to fit adjacent surfaces smoothly.
5. Place salvaged rock with 1/4 Ton RSP as shown.
6. Fences and MBGR not shown.
7. Soil Anchors exist in the ASR. Some are visible, some likely exist below the gravel.
8. Bengal Engineering would like to see each of these anchors to better understand the mechanism for failure. Call Scott Onishuk at 805 331 2281 the day before you start work to coordinate our presence in the field.
   If for some reason work proceeds without Bengal Engineering:
   a. Contractor shall make a plan view sketch of the approximate location of each anchor
   b. Contractor is to take several clear photographs of the head of each soil anchor encountered.
9. Concrete fish weir is not shown.
   See record drawings, Sheet S-12, Details A and B / S-12. Note that there are additional soil anchors near fish weir and "wood wedge"
10. ASR connects to channel walls via an eye bolt / polypropylene strand. See Record Drawings, Sheet S-11, Detail 2/S-11.
11. See record drawings for channel profile.

Legend:
- Existing ASR
- Existing Crushed Rock
- 4 Ton RSP
- Salvaged Rock

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Rosemarie Gaglione, PE; Public Works Director / City Engineer

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S. Onishuk, PE
SAN JOSE CREEK CHANNEL EMERGENCY REPAIR
SJC STORM REPAIR 2017 DWG.DWG

August 28, 2017

TYPICAL CROSS SECTION
SCALE 1"=4'
XS-1

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Notes Regarding Mapping:

A. This plan for construction of emergency repairs only.
B. These plans were prepared with limited time to accommodate a fast schedule.
C. The linework for the existing topographic features was based on the 2009 aerial mapping for the San Jose Creek Channel Project. This map was edited in the office to show approximate conditions in 2017. No field surveying was performed.
D. Linework for existing temporary concrete con榕m, downstream of the "steel" bridge, and the fish weirs were sketched using GoogleEarth for reference to show approximate location.
E. Not all fences are shown to better show channel walls.
F. Contractor to research all utilities prior to construction to positively locate utilities.

Construction Notes:

1. Salvage and reconstruct MBGR and chain link fence. One side shown. Contractor to determine limits.
2. ASR to remain. Prospect for transverse joints before proceeding.
3. Remove concrete weir.
4. Excavate to sub-grade, as shown in Typical Section. Limits TBD. An emergency contract was underway at the time these plans were prepared. Limits of the existing ASR, which will remain for this contract, will be field-verified for pay measurement by the Engineer prior to the start of this contract.
5. Salvage existing crushed rock.
6. Place 1/4 Ton RSP and gravel. - See typical cross-section for location of gravel.
7. Drive sheet pile.
8. Construct joint between ASR and sheet pile.
9. Soil anchors and ASR Tie Downs - See Construction Details.
HYDRAULIC TRANSITION BAFFLE
SCALE: N.T.S

CONSTRUCTION JOINT BETWEEN ASR & SHEET PILE
SCALE: 1"=1'

C 3x5
HAS-3/8" x 4-3/8" Anshar

ANCHOR: #5 GR-60 REBAR
PLACE ONE IN EA. BLOCK WITH AN OPEN CELL
SPACING IS ABOUT 4-FEET

SOUTH SIDE CREEK CHANNEL EMERGENCY REPAIR
SJC STORM REPAIR 2017 DWG.DWG

CONSTRUCTION DETAIL
SCALE: AS NOTED
C-1
August 28, 2017