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

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

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Notes:
1. Remove existing ASR. Prospect for transverse joints before proceeding.
2. Excavate channel to 2-feet below top of existing ASR. Stringline grades for grade breaks between conforms.
3. Place 1/4 Ton RSP over RSP fabric.
4. Warp finished grade of RSP to fit adjacent surfaces smoothly.
5. Place salvaged on-site gravel 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.
9. 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.
10. 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."
11. See record drawings for channel profile.
12. Cut-off existing soil anchors which interfere with the work at subgrade elevation.

Legend:
- Existing ASR
- Existing On-Site Gravel
- 1/4 Ton RSP
- Salvaged On-Site Gravel
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 conform, 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 on-site gravel.
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.
HYDRAULIC TRANSITION BAFFLE

CONSTRUCTION JOINT BETWEEN ASR & SHEET PILE

SCALE: N.T.S

SCALE: 1"=1'

L = ±8'

TYP

18' Approx

18' Approx

VAR

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

POSSIBLE ANGLE IRON CAP
SEE SPECIALS

CONCRETE SEAL
SHEET PILE

WELD ONE SIDE TO SHEET PILE

EXISTING CRUSHED ROCK
SEE RECORD DRAWINGS

CONCRETE SEAL

CONSTRUCTION DETAIL

SCALE: AS NOTED

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Addendum 1 Plans  p.  4  of  5
Notes:

1. Location of mats determined by prospecting.
2. Existing soil anchors not shown. Locations are unknown.
3. Joints in ASR to be determined in the field. Anchor spacing to be adjusted to accommodate these joints.