SAN JOSE CREEK CAPACITY IMPROVEMENT & 
FISH PASSAGE PROJECT

(from Hollister Ave. to approx. 4200 feet south as measured along San Jose Creek)

PROJECT NUMBER 9009

To be supplemented by The Caltrans Standard Plans (May 2008), Revised Standard Plans, and Specifications; Santa Barbara County Standard Details, dated 1997; American Public Works Association Southern California, REV. 1996; and the latest MUTCD. Also see Record Drawings.

A COOPERATIVE PROJECT OF:

CITY OF GOLETA

CITY OF GOLETA

SBCFCD

This PDF file provides selected sheets from this project for use in the 2017 emergency repair.

PROJECT LIMITS: FROM APROX. 200 FEET SOUTH OF HOLLISTER AVE. TO APROX. 4200 FEET SOUTH AS MEASURED ALONG SAN JOSE CR.

Index to Sheets

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NOTES:
1. DETAILS NOT SHOWN FOR CLARITY. SEE STRUCTURAL PLANS.
2. SEE WALL PROFILES FOR ADDITIONAL INFORMATION.
3. EXISTING CHANNEL LINING NOT SHOWN. SEE "SAN JOSE CREEK IMPROVEMENT" PLANS, PROJECT 360-31-G2, DATED 1963/64, BY US GRANT & SON, FOR RECORD INFORMATION REGARDING EXISTING CHANNEL.
4. EXISTING CHANNEL CUT-OFF WALLS NOT SHOWN.
5. EXISTING FENCES AND VEGETATION NOT SHOWN.
6. SEE DRAINAGE PLANS FOR STORM DRAIN LOCATIONS.
7. SEE KELLOGG AVE. LAYOUTS AND CROSS SECTIONS FOR MORE INFORMATION.
8. FENCE ALONG HWY. 217 NOT SHOWN.

"SJC" LINE - SAN JOSE CR
22+00 TO 22+30

"SJC" LINE - SAN JOSE CR
21+35 TO 22+00

DETAIL 1
SCALE: 1"=1/2'
TYPICAL CROSS SECTIONS
"SJC" LINE
SAN JOSE CREEK
SCALE 1"=5' H
1"=5' V
SJC X-2

NOTES:

C. CONC. BARRIER (TYPE 60 MODIFIED) - SEE STRUCTURAL PLANS. HEIGHT VARIES (SEE WALL PROFILES).
D. CONC. BARRIER (TYPE 60 MODIFIED) - SEE STRUCTURAL PLANS. HEIGHT VARIES (SEE WALL PROFILES). SEE CONSTRUCTION DETAILS FOR LIMITS OF Access RAMP.

"SJC" LINE - SAN JOSE CR
23+00 TO 26+00

"SJC" LINE - SAN JOSE CR
22+30 TO 23+00

NOTES:

A CONC. BARRIER (TYPE 60 MODIFIED) - SEE STRUCTURAL PLANS. HEIGHT VARIES (SEE WALL PROFILES).
NOTES:

CONC. BARRIER (TYPE 60 MODIFIED)- SEE STRUCTURAL PLANS. HEIGHT VARIES (SEE WALL PROFILES).

"SJC" LINE - SAN JOSE CR
39+00 TO 60+00

NOTES:

CONC. BARRIER (TYPE 60 MODIFIED)- SEE STRUCTURAL PLANS. HEIGHT VARIES (SEE WALL PROFILES).

"SJC" LINE - SAN JOSE CR
26+00 TO 39+00

A CONC. BARRIER (TYPE 60 MODIFIED) - SEE STRUCTURAL PLANS. HEIGHT VARIES (SEE WALL PROFILES).
**NOTE REGARDING FUTURE RECONSTRUCTION OF THE HOLLISTER AVE. BRIDGE:**

This project will construct channel walls from the southern end of the existing lined channel to the Hollister Ave. bridge. The channel bottom between these walls will be re-graded to provide a fish passage in the creek.

Until the new bridge is constructed, a temporary transition in the channel lining will join the channel improvements constructed in this project with the existing trapezoidal channel downstream of the bridge.

**CHANNEL WALL CONSTRUCTION ENDS AT APPROXIMATELY 60+00 "SJC" THIS CONTRACT. CONSTRUCT CONFORM TO MATCH EXISTING CHANNEL GEOMETRY USING RECORD DRAWINGS (“SAN JOSE CREEK IMPROVEMENTS” - SBCFC&WCD P/N: 360-31-C2; 1963).**

**“SJC” LINE - SAN JOSE CR**

**60+00 TO UPSTREAM CONFORM AHEAD OF 63+00**

(FUTURE CONSTRUCTION)

**SAN JOSE CREEK IMPROVEMENTS** - SBCFC&WCD P/N: 360-31-C2; 1963.

**CHANNEL WALL CONSTRUCTION ENDS AT APPROXIMATELY 60+00 "SJC" THIS CONTRACT. CONSTRUCT CONFORM TO MATCH EXISTING CHANNEL GEOMETRY USING RECORD DRAWINGS (“SAN JOSE CREEK IMPROVEMENTS” - SBCFC&WCD P/N: 360-31-C2; 1963).**

**“SJC” LINE - SAN JOSE CR**

**59+50 TO 60+25**

(FUTURE CONSTRUCTION)
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SURVEY CONTROL

SC-1
NOTES:
1. THIS PLAN FOR CONCEPT OF CHANNEL CONFORM ONLY.
2. CONTRACTOR MAY RECONSTRUCT ADDITIONAL PORTIONS OF EXISTING CHANNEL LINING TO ACCOMMODATE CONSTRUCTION OF CHANNEL WALLS. SEE RECORD DRAWINGS FOR DETAILS ("SAN JOSE CREEK IMPROVEMENTS" - SBPFC&WC P/N 360-31-C2; 1963).
3. FENCES AND MBGR NOT SHOWN.
4. SEE UTILITY AND QUANTITY PLANS FOR ADDITIONAL INFORMATION.
5. THE TEMPORARY CHANNEL LINING WILL BE REPLACED WHEN THE HOLLISTER AVE. BRIDGE IS RECONSTRUCTED.

LIMITS OF CHANNEL CONFORM WILL BE REMOVED WHEN HOLLISTER AVE. BRIDGE IS REPLACED.
Note:

Utility service relocation = see Special Provisions,
CHANNEL CROSS SECTIONS
SJC LINE

SJC XS-25

NOTE: TYP. 6C BARRIER MAY NOT BE SHOWN TO PROPOSED HEIGHT AND CONFIGURATION. SEE SHEET LAYOUTS FOR ACTUAL HEIGHT AND STRUCTURAL SHEETS FOR CONFIGURATION.
Grade (Backfill) Behind Walls Not Shown.
Kelling Ave. P.S. Not Shown.

S. Onishuk, PE

CITY OF GOLETA: Rosemarie Gaglione, PE; CIP Program Manager

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

SAN JOSE CREEK CAPACITY IMPROVEMENTS

SJC X-SEC.DWG

08/22/11

BID SET (R.3)

MSB

SCALE 1"=20'

11/10/11 (R.V.3)

BID SET (R.V.3)

11/10/11 (R.V.3)
NOTE: TYP. 60 BARRIER MAY NOT BE SHOWN TO PROPOSED HEIGHT AND CONFIGURATION. SEE WALL LAYOUTS FOR ACTUAL HEIGHT AND STRUCTURAL SHEETS FOR CONFIGURATION.

GRADING (BACKFILL) BEHIND WALLS NOT SHOWN.

HELLODD AVE. PG NOT ShOWN.
NOTE:
1. SEE NOTES ON SHEET S-3.
NOTE:
1. See notes on Sheet S3.
NOTE:
PERSISTENT FISH WEIR LOCATION: "SUC" LINE
- STA 49+00 TO 52+00 @ 105'-0" O.C.,
(SEE CIVIL PLANS FOR "SUC" LINE STATIONING)

SECTION
SCALE 1" = 1'-0"

NOTES:
1. ANCHOR DETAILS SHOWN FOR WEIRS AND WEDGES ARE FOR CONCEPTUAL
PURPOSES ONLY.
2. THE CONTRACTOR SHALL SUBMIT
SHOP DRAWINGS OF ANCHOR
DETAILS FOR REVIEW AND
APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
3. GALV. PIPE SHALL BE FILLED WITH
SEA GRAVEL.
4. ANCHOR TIE DOWN SHOWN ARE
IN ADDITION TO MANUFACTURED
RECOMMEND ANCHOR TIE DOWN.
5. THE CONTRACTOR SHALL SUBMIT
SHOP DRAWINGS OF TIMBER WEDGE
AND ATTACHMENT DETAILS FOR
REVIEW AND APPROVAL BY THE
ENGINEER PRIOR TO INSTALLATION.

SECTION
SCALE 1/4" = 1'-0"
**NOTES**

1. REMOVABLE FISH AND TEMPORARY WEIR LOCATIONS: "LUC" LINE
3. GALV. PIPE SHALL EXTEND UP TO TOP OF CHANNEL MATTRESS.
4. GALV. PIPE SHALL BE INSERTED WITH 2" B EXTRUDED TIMBER ROD EXTENDING UP TO WEIR TOP.
5. CONTRACTOR TO PROVIDE SUPPORT FRAME OF THE TIMBER WEIR, THE FRAME SHALL BE STRONG ENOUGH FOR TWO POINTS LIFTING AFTER ASSEMBLED.
6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE REMOVABLE AND TEMPORARY WEIR DETAILS FOR APPROVAL.
7. SEE CIVIL PLANS FOR "LUC" LINE STATIONING.