

SCOPE OF WORK

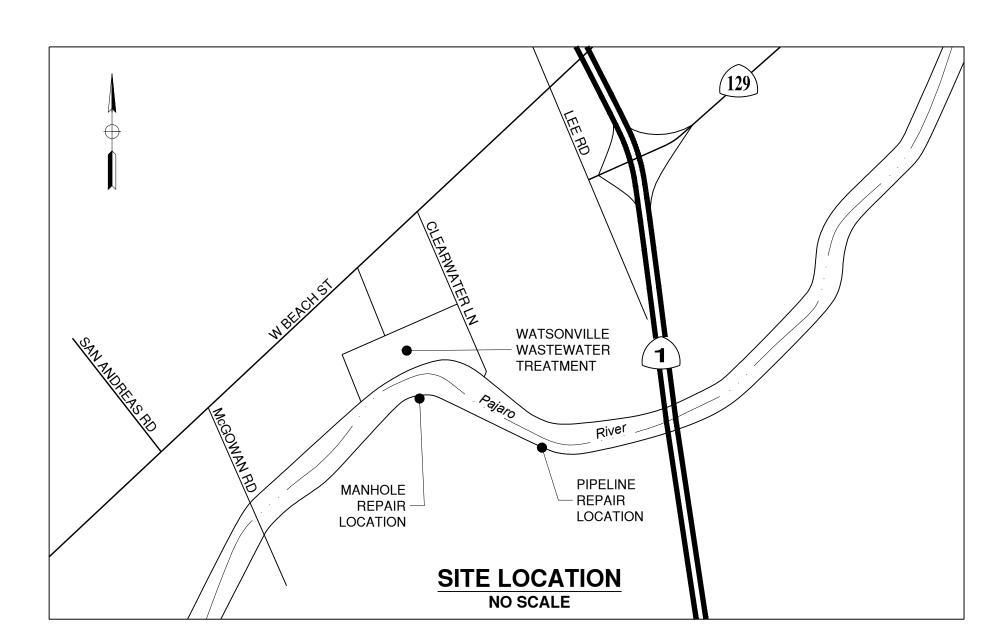
SCOPE OF WORK FOR THIS PROJECT INCLUDES REHABILITATION OF THE EXISTING MANHOLE AND REPLACEMENT OF THE EXISTING DAMAGED FORCE MAIN SECTION AS WELL AS NECESSARY EXCAVATION, EXCAVATION SUPPORT, SOIL OFFHAUL AND DISPOSAL, AND SOIL IMPORT AND BACKFILL AS REQUIRED TO REHABILITATE THE EXISTING MANHOLE AND REPLACE DAMAGED PIPING AS SHOWN IN THE CONTRACT DRAWINGS. CONTRACTOR SHALL INCLUDE IN HIS PROPOSAL ALL NECESSARY MATERIALS, LABOR, AND EQUIPMENT AS REQUIRED TO PROVIDE A COMPLETE, FUNCTIONAL REPAIR IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.

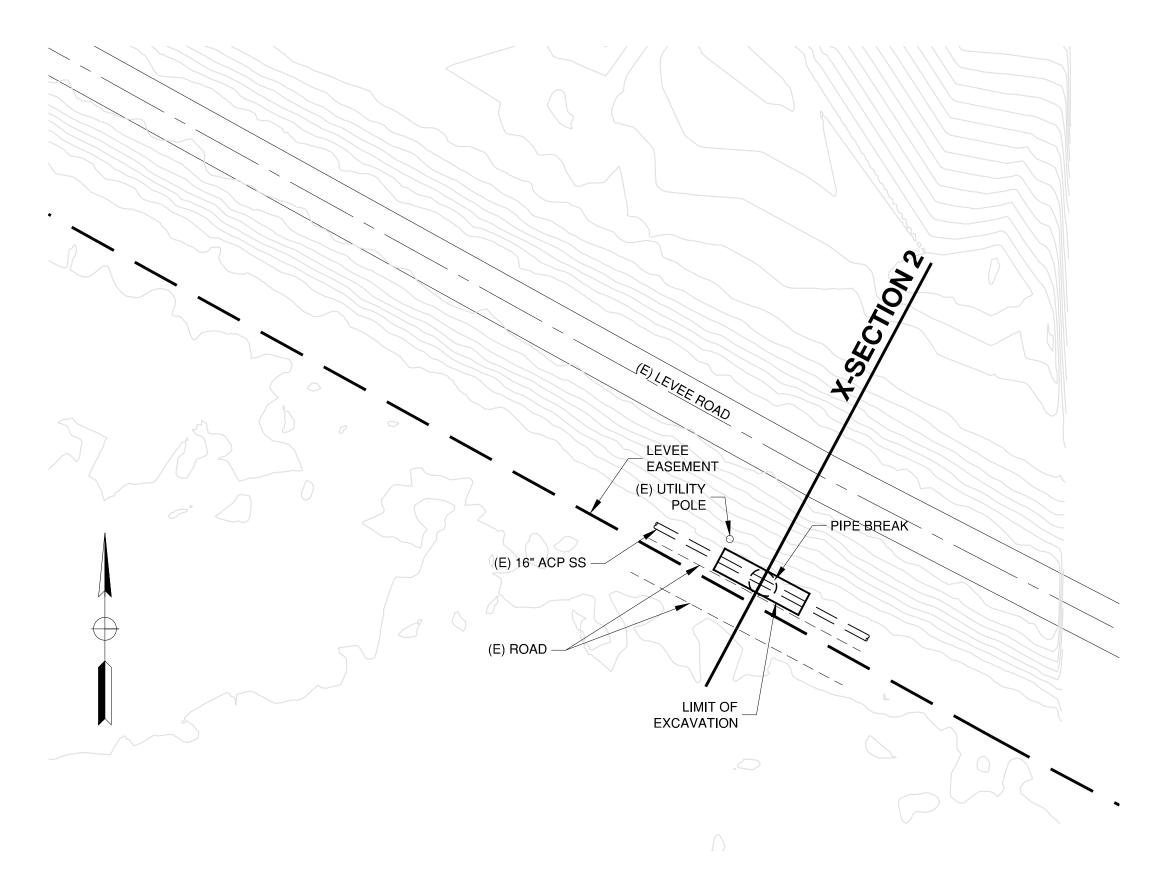
CONTRACTOR SHALL COORDINATE WITH COUNTY STAFF TO MINIMIZE SEWER FLOWS DURING REPAIR OPERATIONS. DUE TO THE DIURNAL NATURE OF SEWER FLOWS, THE CONTRACTOR IS LIMITED TO PERFORMING WORK BETWEEN THE HOURS OF 9 PM AND 6 AM IF DECREASED SEWER FLOWS ARE NEEDED TO PERFORM THE WORK. CONTRACTOR SHALL HAVE A VACTOR TRUCK ON STANDBY DURING OPERATIONS WITH THE POTENTIAL FOR SEWAGE OVERFLOWS.

CUT/FILL QUANTITIES			
LOCATION	CUT (CU YDS)	FILL (CU YDS)	
MANHOLE	189	183	
PIPE	41	40	

15

1+00





SS PIPE REPAIR

	10		SIDE SLOPE (TYP)	10
	5			5
	0+00	0+5	0	1+00
		X-SECT	TON 1	
		HOR. SCAL		
		VER. SCAL	.E: 1" = 5'	
SUBMITTED BY X. X. XXXXX	<u>.</u>	PREF	PARED UNDER THE DIRECTION OF:	:

CHKD BY X. X.

CHKD BY X. X.

CHKD BY X. X.

DESIGN BY X. X. XXXXX

DRAWN BY F. MORALES .

SPECIFICATIONS WRITTEN BY . X. X. XXXXX

APPROVAL RECOMMENDED BY X. X. XXXXX DEPUTY PUBLIC WORKS DIRECTOR, ENGINEERING

EXCAVATE @ 1:1

PREPARED UNDER THE DIRECTION OF:

Objection of:

PROFESSIONAL OF CALLED OF C

0+50

X-SECTION 2

HOR. SCALE: 1" = 20' VER. SCALE: 1" = 5'

0+00

EXCAVATE TRENCH

W/ SHORING



COUNTY OF MONTEREY
RESOURCE MANAGEMENT AGENCY
DEPARTMENT OF PUBLIC WORKS

OFFICE OF THE COUNTY SURVEYOR

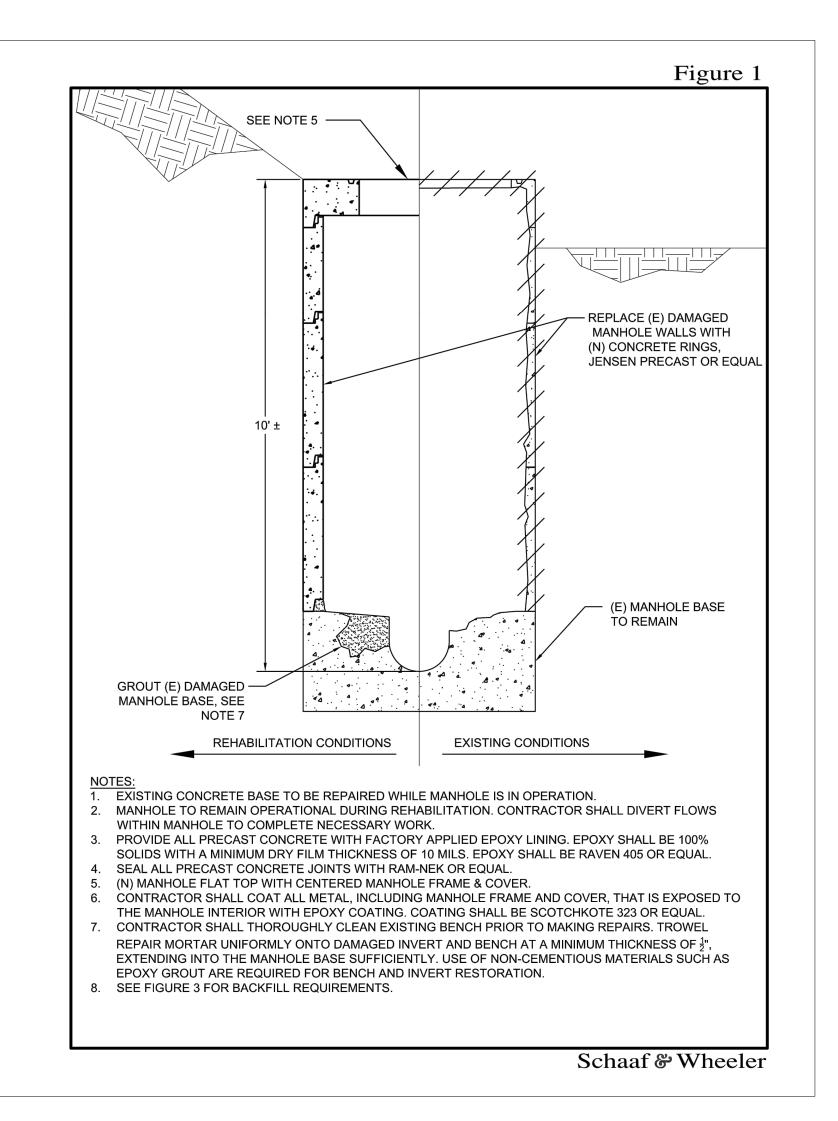
1441 SCHILLING PLACE, 2ND FLOOR
SALINAS, CALIFORNIA 93901
(831) 755-4800 FAX (831) 755-4958

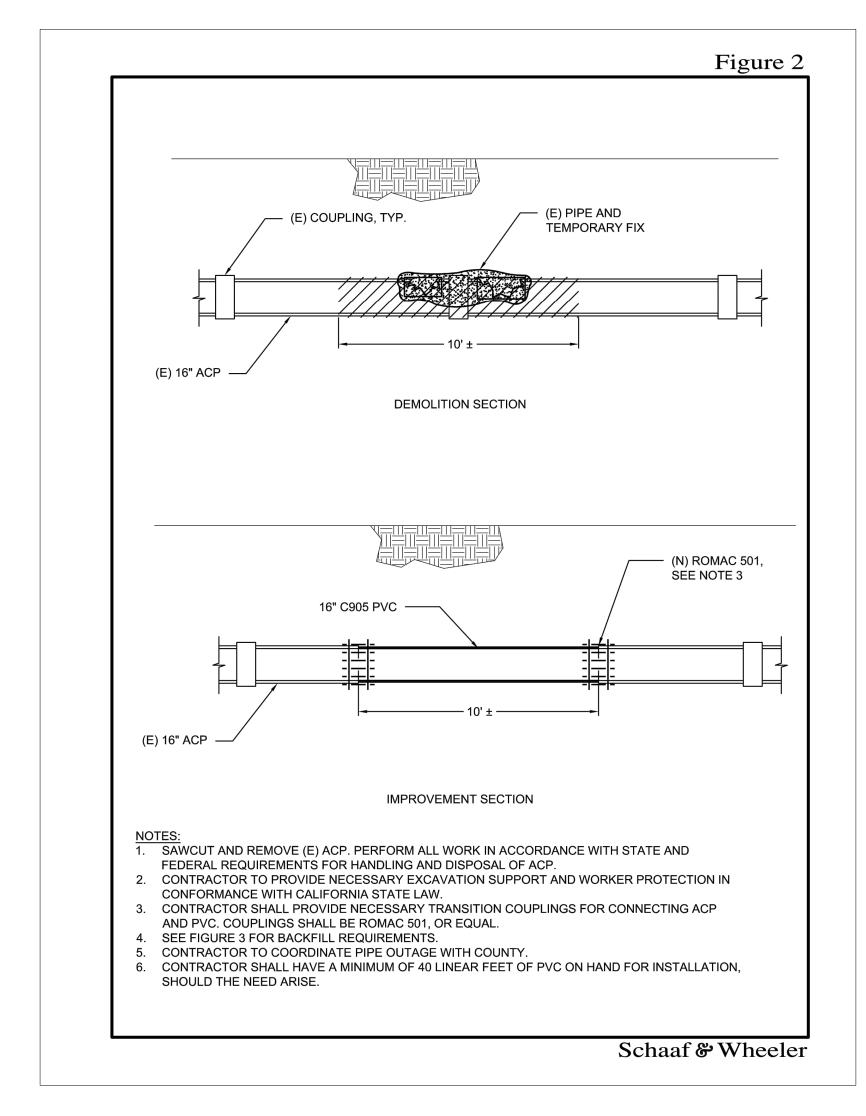
DATUM: NAVD 88BM#2 @ CRSB EL=62.	14
WO#XXX	
XXXXX	
PAJARO SS MANHOLE REPAIR	

TOTAL SHEETS

SHEET NUMBER

DATE	DRAWING	SHEET	
06/04/2018	Pajaro River SEWER CROSSING.dwg	1	
SCALE	VIEW	OF	
AS SHOWN	SITE PLAN	2	
AS SHOWIN	SHE PLAN	4	





SHEET TOTAL SHEETS

2 2

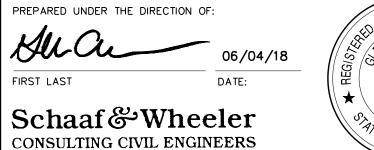
Figure 3

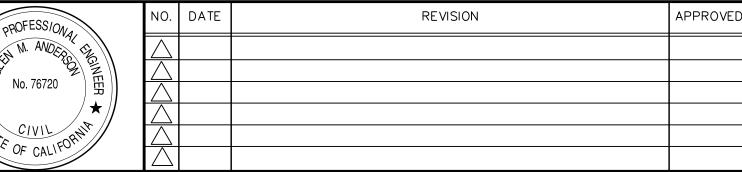
BACKFILL REQUIREMENTS:

- ALL MATERIAL USED FOR BACKFILLING EXCAVATIONS SHALL BE SUITABLE FOR USE AS LEVEE MATERIAL AND SHALL MEET THE FOLLOWING REQUIREMENTS:
- 1.1. MATERIAL SHALL CONSIST OF LEAN CLAY, SANDY CLAY, SILTY CLAY, OR CLAYEY SILT WITH A MAXIMUM TOTAL UNIT WEIGHT OF 125 POUNDS PER CUBIC FOOT WHEN COMPACTED AS
- 1.2. MATERIAL SHALL BE FREE OF DEBRIS, ORGANIC OR DELETERIOUS MATERIAL, AND SHALL NOT CONTAIN ROCKS OF LUMPS LARGER THAN 3 INCHES IN THE GREATEST DIMENSION, WITH NO MORE THAN 15 PERCENT LARGER THAN 1 INCH. A MINIMUM OF 50 PERCENT OF THE MATERIAL SHALL HAVE A PARTICLE SIZE PASSING THE NO. 4 SIEVE WITH NO LESS THAN 30 PERCENT PASSING THE NO. 200 SIEVE.
- 1.3. MATERIAL SHALL HAVE A LIQUID LIMIT LESS THAN 45 AND A PLASTICITY INDEX BETWEEN 10 AND 30. AFTER COMPACTION, THE FILL SHALL HAVE A HYDRAULIC CONDUCTIVITY LESS THAN 10⁻⁴ CM/SEC.
- 1.4. ORGANIC CONTENT SHALL BE LESS THAN 3 PERCENT AND THE FILL MATERIAL SHALL NOT BE MORE CORROSIVE THAN THE NATIVE MATERIAL OR EXISTING LEVEE FILL.
- 1.5. CONTRACTOR SHALL MAINTAIN GROUND WATER 1 FT BELOW BOTTOM OF EXCAVATION USING A SUMP.
- 1.6. NO CLEAN GRAVELS OR SANDS SHALL BE USED AS BACKFILL.1.7. ALL FILL TO BE COMPACTED TO 90% MAXIMUM DENSITY.
- 1.8. FILL SHALL BE MOISTURE CONDITIONED, PLACED IN LIFTS NOT TO EXCEED 6 IN, AND
- MECHANICALLY COMPACTED.

Schaaf & Wheeler

SUBMITTED BY X. X. XXXXXX	
DESIGN BY X. X. XXXXX . PROJECT ENGINEER .	CHKD BY X. X.
DRAWN BY F. MORALES	CHKD BY X. X.
SPECIFICATIONS WRITTEN BY X. X. XXXXXX	CHKD BY X. X.
APPROVAL RECOMMENDED BY X. X. XXXXX DEPUTY PUBLIC WORKS DIRECTO	Ř, ENĞINEERÎNG







COUNTY OF MONTEREY RESOURCE MANAGEMENT AGENCY DEPARTMENT OF PUBLIC WORKS

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SALINAS, CALIFORNIA 93901
(831) 755-4800 FAX (831) 755-4958

PAJARO	SS	MANHOLE	REPAIR
		XXXXX	
		WO#XXX	

DATUM: NAVD 88BM#2 @ CRSB EL=62.1	
DATUM, NAVD OO DM#2 @ CDCD EL -C2 4	 4 '

DATONI. NAVD 00DIVI#2 @ CROD LL-02.14			
DATE	DRAWING	SHEET	
06/04/2018	Pajaro River SEWER CROSSING.dwg	2	
SCALE	VIEW	OF	
AS SHOWN	SITE PLAN	2	