

BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: HERRICK AVENUE	DESIGN SECTION: ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR HERRICK AVE. PM 0.74 COVER SHEET, SHEET INDEX AND MAPS	SHEET 1 OF 6
	ROAD NO.: 34410 MILE POST: 0.74	PROJECT NO.: ER-32LO(230)		
	CONTRACT NO.: 217203	DRAWN BY: MMS		
	DRAWING FILE NAME: L:\2017 Storm Damage\Herrick Ave pm 0.74\Design\217203_C1.DWG	REVIEWED BY: JAB		
	PLOT DATE: 2/5/2020 REVISION DATE:	APPROVED BY: TRS		

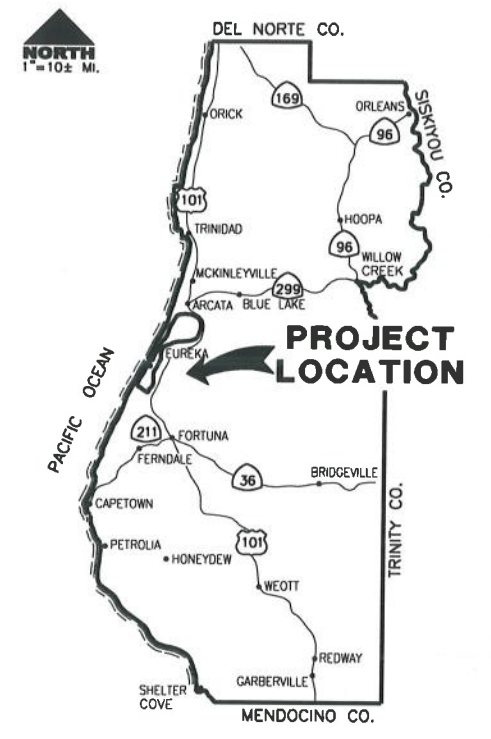
FUNDING SOURCE

THIS PROJECT IS FUNDED BY THE US DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION EMERGENCY RELIEF PROGRAM

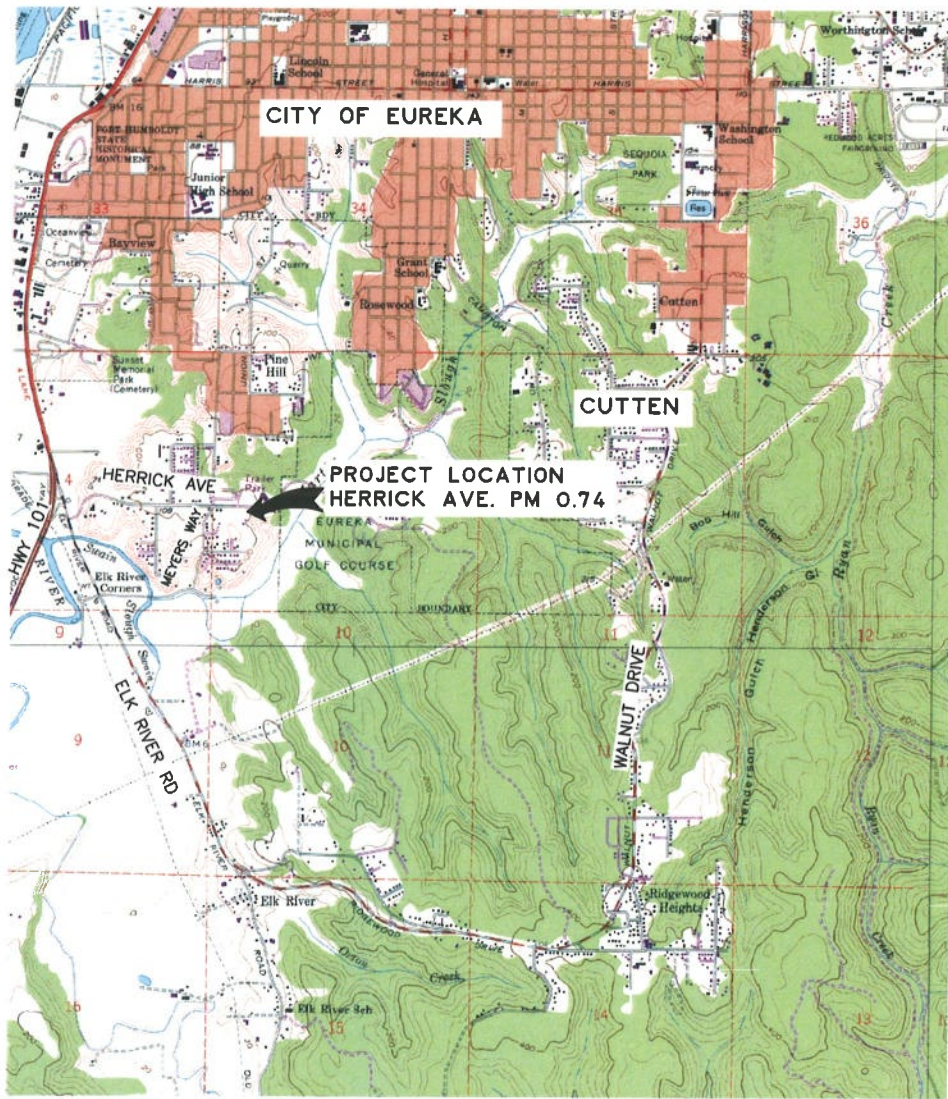


COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS

**PROJECT PLANS FOR CONSTRUCTION OF
STORM DAMAGE REPAIR TO
HERRICK AVE. (3J410) AT P.M. 0.74
PROJECT NO. ER-32LO(230)
CONTRACT NO. 217203**



LOCATION MAP
SCALE: 1"=10± MILE



VICINITY MAP
SCALE: 1"=2000'±



INDEX OF SHEETS

- 1 COVER SHEET, SHEET INDEX, AND MAPS
- 2 TRAFFIC CONTROL
- 3 SITE PLAN, QUANTITIES, AND DETAILS
- 4 CULVERT PLAN AND PROFILE
- 5 RSP, PIPE AND JUNCTION STRUCTURE DETAILS
- 6 EXCAVATION AND RSP CROSS SECTIONS

NOTES

THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR THIS PROJECT.
REFERENCE TO CALTRANS STANDARD PLANS DATED JULY 2018 (SEE APPLICABLE STAN PLAN LIST IN SPECIAL PROVISIONS)

DESIGN DESIGNATION

ADT (MARCH '09)=9246
V=35MPH

RECOMMENDED

Jeffrey A. Ball 2-5-2020
JEFFREY A. BALL DATE
RCE 70631, EXP. 6/30/2021



APPROVED

Tony R. Seghetti 2/5/20
TONY R. SEGHETTI DATE
RCE 63714, EXP. 9/30/2020

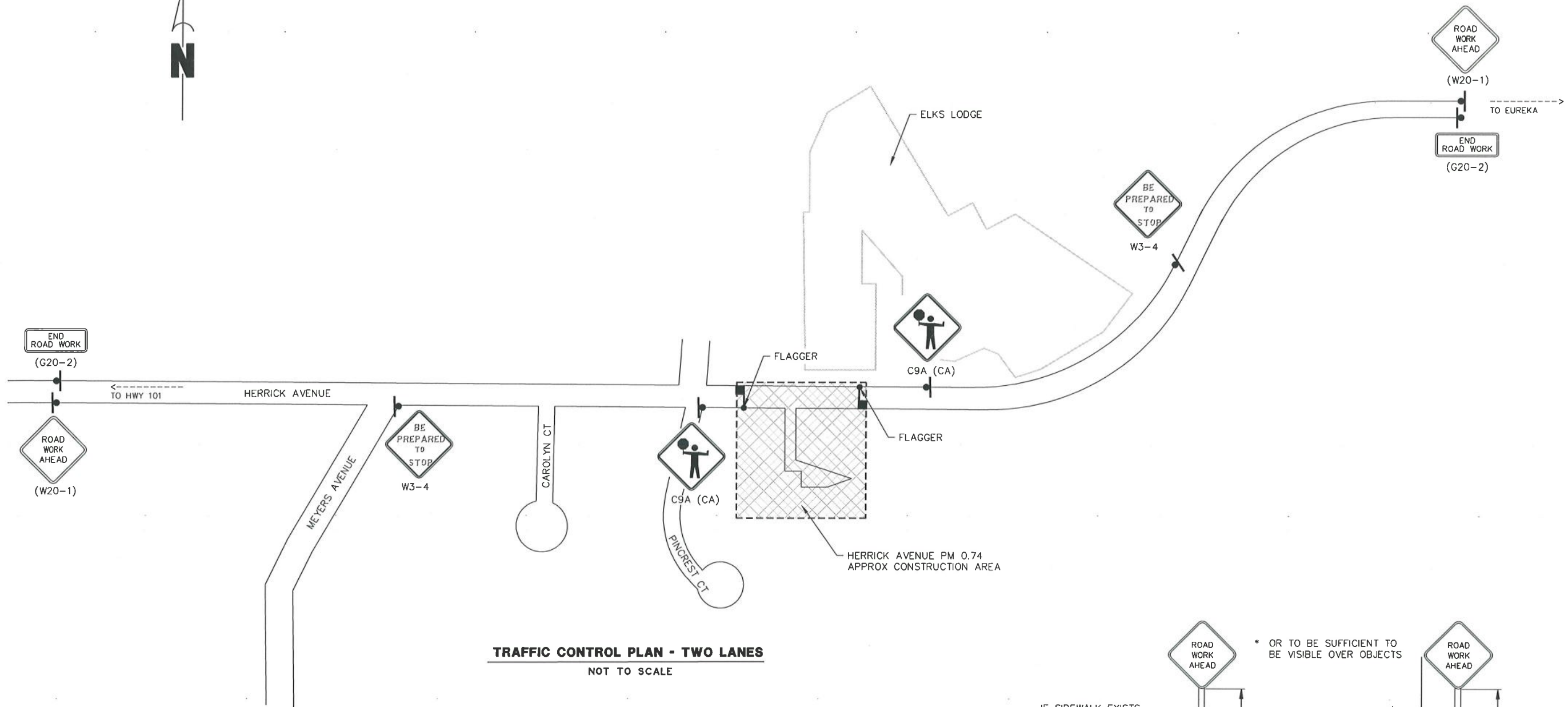


ORIGINAL LOW BID PRICE	CONSTRUCTED BY	RESIDENT ENGINEER
	PROJECT COMPLETED	CONSTRUCTION COST \$



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SHEET
2
OF
6



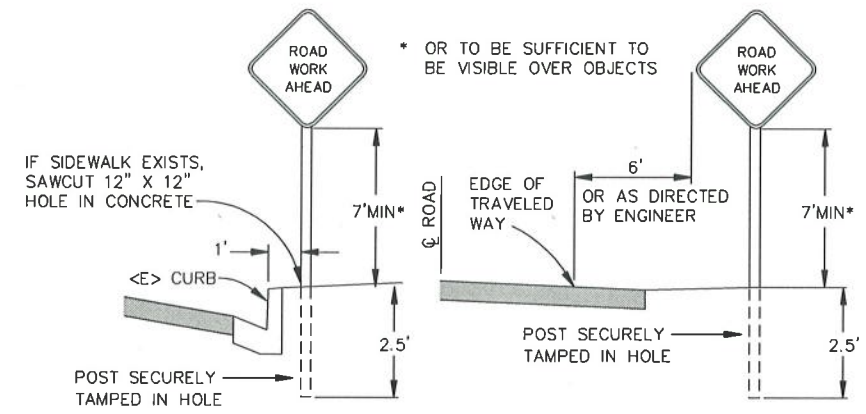
TRAFFIC CONTROL PLAN - TWO LANES
NOT TO SCALE

NOTES

- 1) SIGNS SHALL BE PLACED AS SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER.
- 2) FINAL PLACEMENT OF SIGNS SHALL BE APPROVED BY RESIDENT ENGINEER.
- 3) ADDITIONAL PORTABLE SIGNS SHALL BE USED AS REQUIRED FOR OTHER ROADSIDE WORK.
- 4) SEE STANDARD PLAN T13 FOR TRAFFIC CONTROL SYSTEM.
- 5) IN ADDITION TO CONSTRUCTION AREA SIGNS AND WHEN DIRECTED BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL UTILIZE FLAGMEN AS NECESSARY TO DIRECT TRAFFIC.
- 6) FOR SIGN TYPES C9A AND W3-4, THE CONTRACTOR HAS THE OPTION TO USE RAG SIGNS

CONSTRUCTION AREA SIGN SUMMARY

SIGN TYPE	QTY	DESCRIPTION	SIZE	REMARKS	POST SIZE
W20-1	2	ROAD WORK AHEAD	36" x 36"	VISIBLE AT ALL TIMES	4" x 4"
C9A (CA)	2	FLAGMAN SYMBOL	36" x 36"	COVERED WHEN NOT IN USE	4" x 4"
W3-4	2	BE PREPARED TO STOP	36" x 36"	COVERED WHEN NOT IN USE	4" x 4"
G20-2	2	END ROAD WORK	36" x 18"	VISIBLE AT ALL TIMES	4" x 4"



CURB CONDITION **UNPAVED SHOULDER**

- 1) PLACE SIGNS BEHIND SIDEWALK, IF POSSIBLE.

URBAN CONSTRUCTION AREA SIGN

- NOT TO SCALE -

SURVEY CONTROL COORDINATES LIST

POINT#	EASTING	NORTHING	ELEVATION	DESCRIPTION
51	2166739	5959143	108.236	CP_Mag
56	2166754	5959185.3	109.58	CP_SPK
57	2166598	5959143.6	108.944	CP_SPK
58	2166581	5959166.3	107.961	CP_CUT_X
59	2166602	5959169.3	108.405	CP_SPK
60	2166573	5959100	109.747	CP_CUT_X
61	2166390	5959260.7	61.051	CP_CUT_X
62	2166433	5959215.5	67.434	CP_SPK
63	2166506	5959181.6	69.649	CP_SPK_TOP
64	2166538	5959164.6	74.917	CP_SPK

SURVEY NOTES:

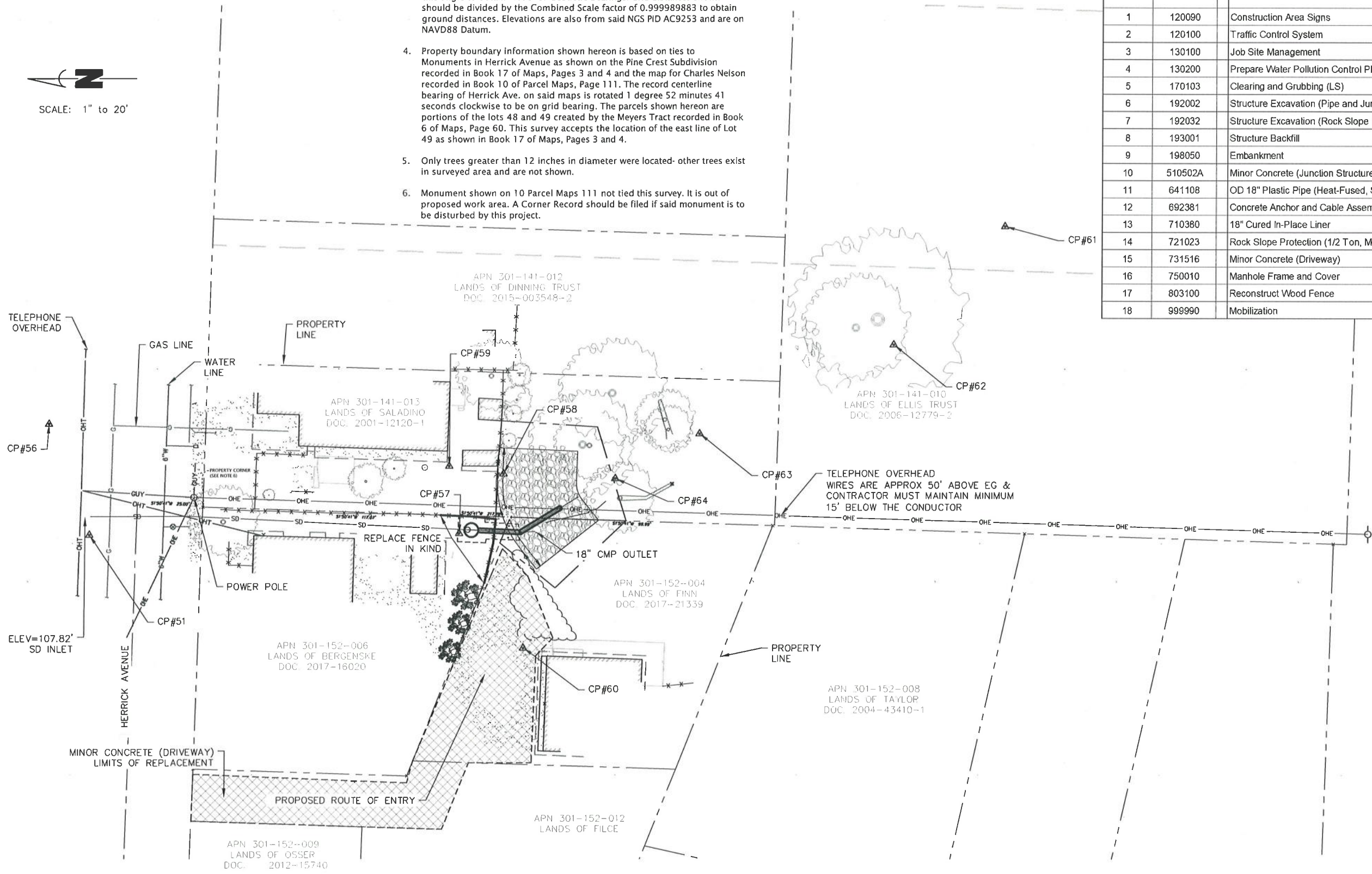
- The purpose of this survey is to determine topography for a storm damage repair on the Lands of Filce and the Lands of Saladino, between Herrick Avenue and Gatloff Avenue, in Eureka. This survey reflects conditions on the site at time of survey; field work completed 5/8, 5/9, and 5/17/18.
- Underground utilities research was not performed. We located PG&E overhead lines and storm drains that we encountered in survey limits. The origin of the 6" and 8" corrugated plastic pipes found within the survey area is unknown. The existence of other utilities is unknown. See Underground Utility Note hereon.
- Coordinates and Basis of Bearings for this survey are California Coordinate System of 1983 (CCS83) Zone 1 (Epoch 2010.0) in US Survey Feet based on a tie to NGS Monument PID AC9253. The mapping angle at said monument is 1 degree 26 minutes 17 seconds- rotate bearings counterclockwise by this angle to obtain "True" or Geodetic bearings. Grid distances shown should be divided by the Combined Scale factor of 0.999989883 to obtain ground distances. Elevations are also from said NGS PID AC9253 and are on NAVD88 Datum.
- Property boundary information shown hereon is based on ties to Monuments in Herrick Avenue as shown on the Pine Crest Subdivision recorded in Book 17 of Maps, Pages 3 and 4 and the map for Charles Nelson recorded in Book 10 of Parcel Maps, Page 111. The record centerline bearing of Herrick Ave. on said maps is rotated 1 degree 52 minutes 41 seconds clockwise to be on grid bearing. The parcels shown hereon are portions of the lots 48 and 49 created by the Meyers Tract recorded in Book 6 of Maps, Page 60. This survey accepts the location of the east line of Lot 49 as shown in Book 17 of Maps, Pages 3 and 4.
- Only trees greater than 12 inches in diameter were located- other trees exist in surveyed area and are not shown.
- Monument shown on 10 Parcel Maps 111 not tied this survey. It is out of proposed work area. A Corner Record should be filed if said monument is to be disturbed by this project.



ROAD NAME: HERRICK AVENUE		DESIGN SECTION: ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO HERRICK AVE. PM 0.74 SITE PLAN, QUANTITIES AND DETAILS	SHEET 3 OF 6
ROAD NO: 3J410	MILE POST: 0.74	DESIGNED BY: MMS		
PROJECT NO: FR-32,0230	EA:	DRAWN BY: MMS		
CONTRACT NO: 217203		REVIEWED BY: JAB		
DRAWING FILE NAME: \\217203_Herrick Ave PM 0.74\Design\217203_C2.DWG		APPROVED BY: TRS		
PLOT DATE: 2/5/2020				

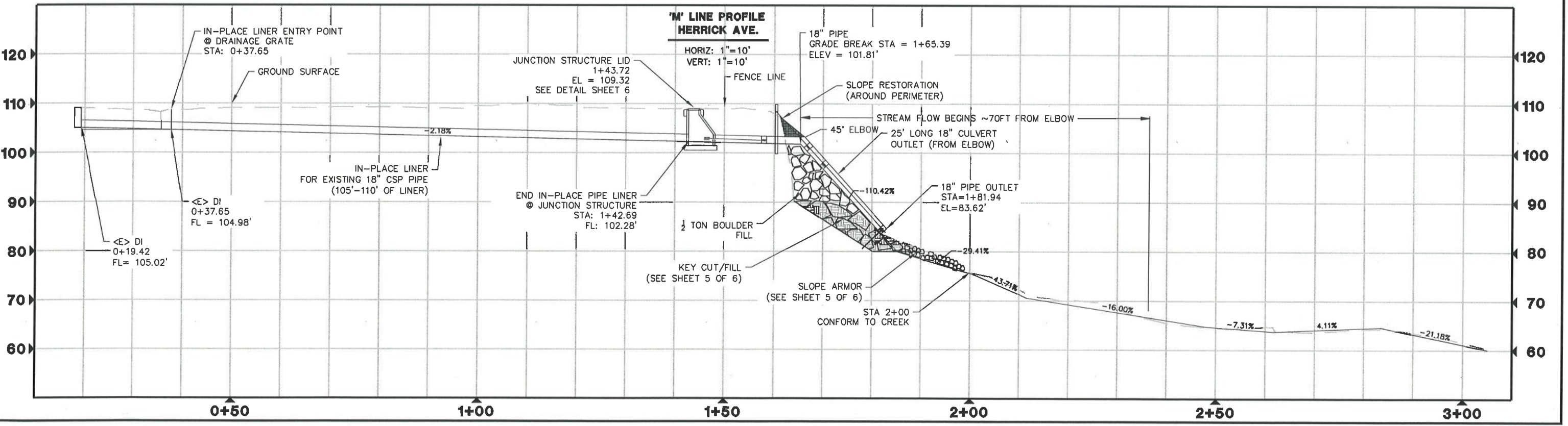
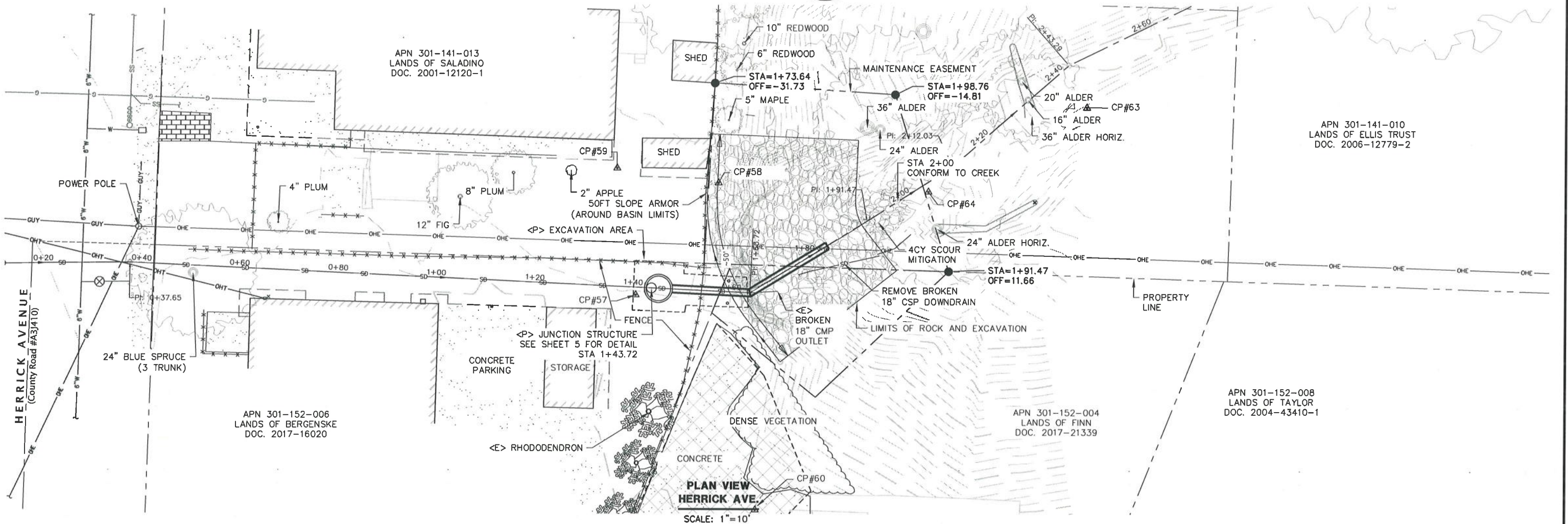
QUANTITIES

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	BID QUANTITY
1	120090	Construction Area Signs	EA	6
2	120100	Traffic Control System	LS	1
3	130100	Job Site Management	LS	1
4	130200	Prepare Water Pollution Control Plan	LS	1
5	170103	Clearing and Grubbing (LS)	LS	1
6	192002	Structure Excavation (Pipe and Junction Structure)	CY	43
7	192032	Structure Excavation (Rock Slope Protection)	CY	61
8	193001	Structure Backfill	CY	30
9	198050	Embankment	CY	10
10	510502A	Minor Concrete (Junction Structure)	LS	1
11	641108	OD 18" Plastic Pipe (Heat-Fused, SDR 17)	LF	45
12	692381	Concrete Anchor and Cable Assembly	EA	1
13	710380	18" Cured In-Place Liner	LF	110
14	721023	Rock Slope Protection (1/2 Ton, Method B)	TON	332
15	731516	Minor Concrete (Driveway)	CY	80
16	750010	Manhole Frame and Cover	LS	1
17	803100	Reconstruct Wood Fence	LF	60
18	999990	Mobilization	LS	1



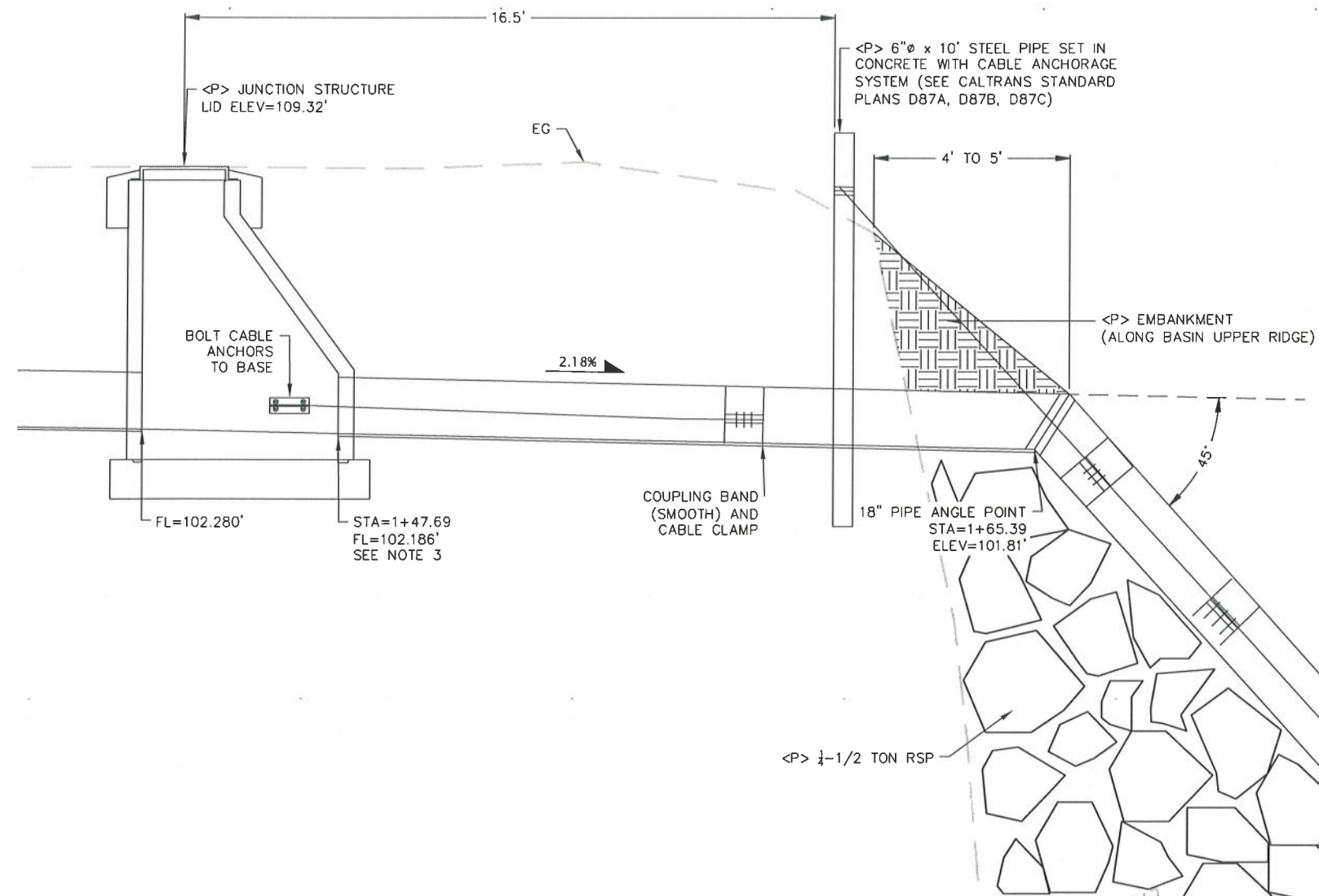


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	ROAD NO: 3J410	MILE POST: 0.74		
	PROJECT NO: FR-32(230)	EA:		
	CONTRACT NO: 217203	DRAWN BY: JAB		
	DRAWING FILE NAME: \\217203_Herrick Ave PM 0.74\Design\217203_C2.DWG	REVIEWED BY: JAB		
	PLOT DATE: 2/5/2020	APPROVED BY: TRS		

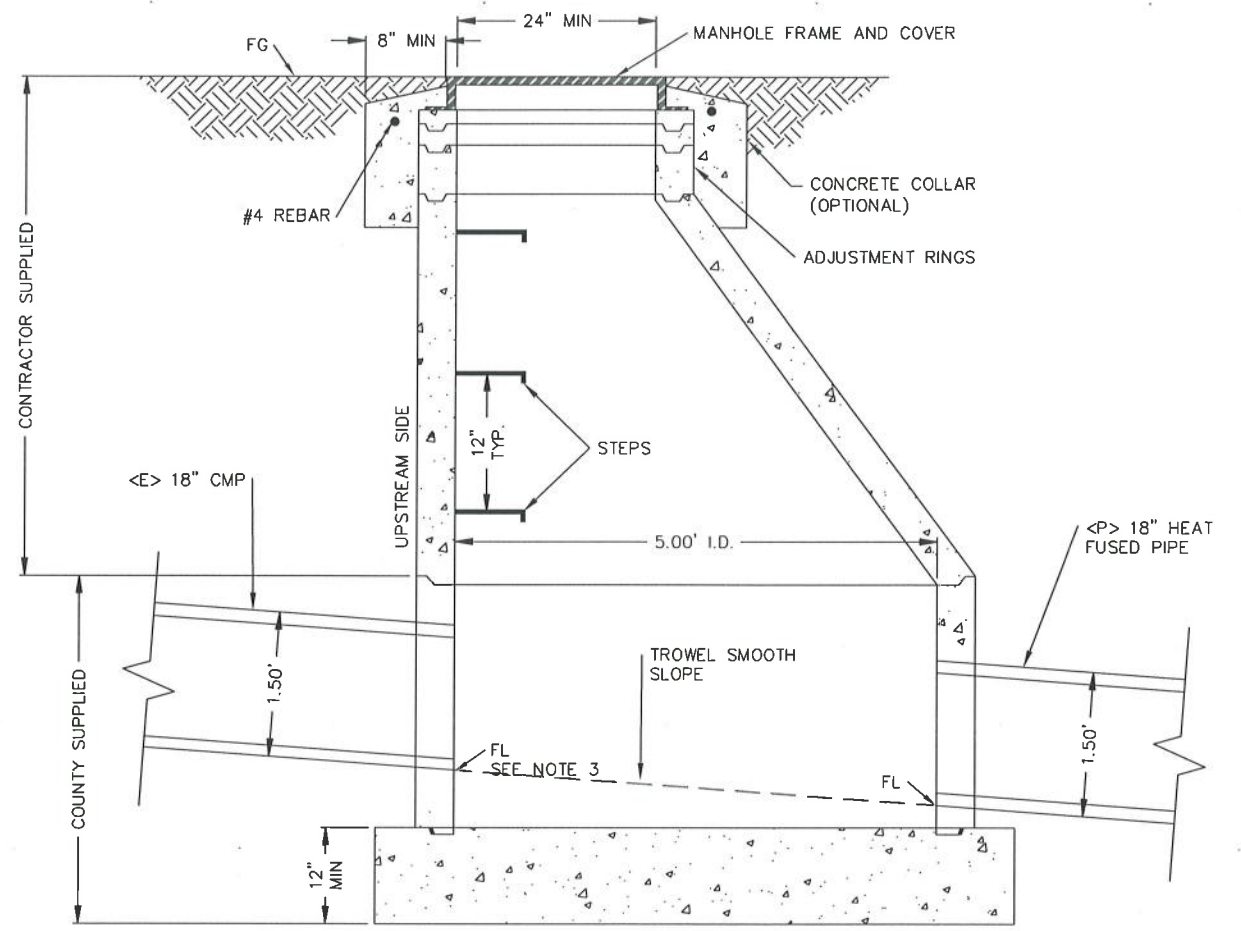




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	ROAD NO: 3410	MILE POST: 0.74		
	PROJECT NO: FR-32(230)	EA:		
	CONTRACT NO: 217203	DESIGNED BY: TRS		
	DRAWING FILE NAME: \\217203_Herrick Ave PM 0.74\Design\217203_C2.DWG	REVIEWED BY: JAB		
	PLOT DATE: 2/5/2020	APPROVED BY: TRS		



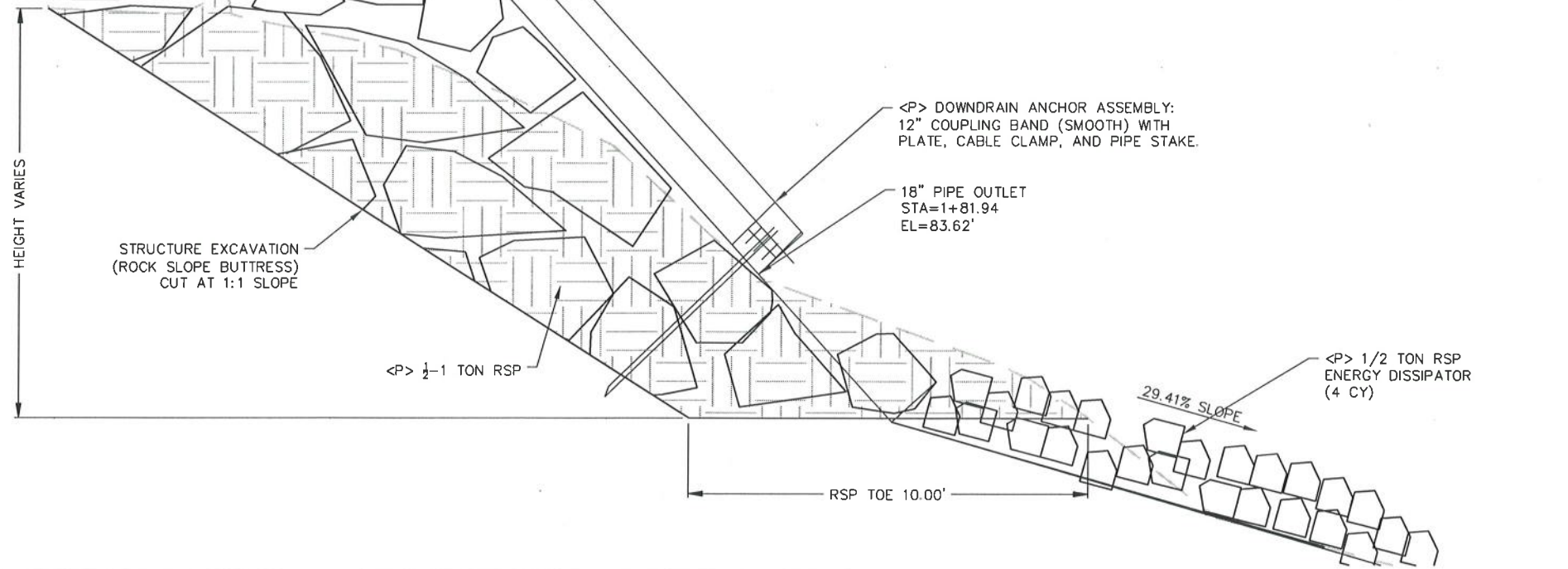
PROFILE VIEW
HERRICK AVE. ALTERNATIVE MATERIAL CULVERT DETAIL
 SCALE: 1"=2'



JUNCTION STRUCTURE DETAIL
 SCALE: 1"=1'

NOTES

- 1) PIPE MUST BE HEAT FUSED HDPE AND HAVE JOINT RESTRAINTS. SEE CALTRANS STANDARD PLANS, D87B
- 2) PIPE MUST HAVE A MINIMUM THICKNESS OF 1 INCH (SDR 17 FOR 18" PIPE)
- 3) CONTRACTOR MUST VERIFY FIELD CONDITIONS BEFORE INSTALLING JUNCTION STRUCTURE
- 4) COUNTY CAN SUPPLY THE JUNCTION STRUCTURE CONCRETE BASE





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	PROJECT NO: FR-32(230) CONTRACT NO: 217203 DRAWING FILE NAME: \\217203_Herrick Ave PM 0.74\Design\217203_C2.DWG PLOT DATE: 2/5/2020	EA:		

**PROFILE VIEW
HERRICK AVE. RSP CROSS SECTION**

SCALE: 1"=10'
0+20

