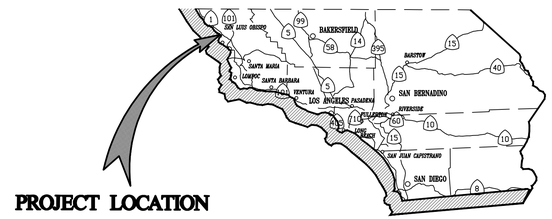
COUNTY OF SAN LUIS OBISPO, CALIFORNIA
PARKS AND RECREATION DEPARTMENT

MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

LEGEND

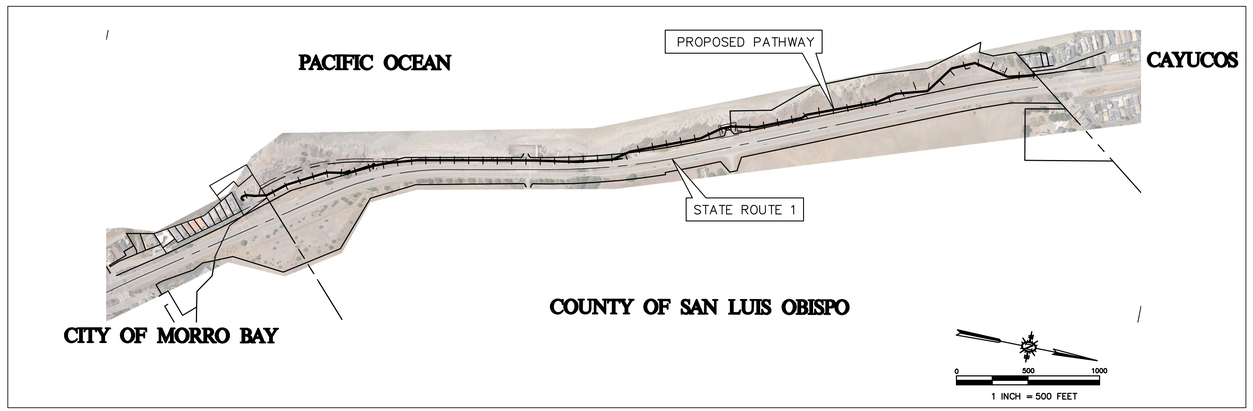
	EXISTING	PROPOSED
PROPERTY LINE		
RIGHT-OF-WAY		
CURB		
CURB & GUTTER		
FENCE	X	X
DAYLIGHT LINE		
EASEMENT		
FLOWLINE		
RETAINING WALL		
BRIDGE		
SLOPE	TOP OF SLOPE	TOP OF SLOPE
CONTOURS		
WATER MAIN	W	
SANITARY SEWER LINE	SS	
SANITARY SEWER FORCE MAIN		
STORM DRAIN LINE	SD	
GAS LINE	G	
HIGH PRESSURE GAS LINE		
ELECTRIC LINE	PG&E	
FIBER OPTICS	FO	
TELEPHONE	ATT	
TYPICAL LATERALS		
WATER VALVE		
WATER METER		
GAS METER		
FIRE HYDRANT		
STREET LAMP		
STREET LIGHT		
PG&E BOX		
TRANSFORMER		
MONUMENT		
STORM DRAIN INLET		
CURB INLET		
FIRE DEPARTMENT CONNECTION		
POWER POLE		
FOUR-WAY SIGN		
TWO-WAY SIGN		
CLEANOUT		
SDMH		
SSMH		

AIR RELEASE VALVE	ARV
ASPHALT CONCRETE	AC
BEGIN CURB RETURN	BCR
BEGIN CURVE	BC
BEGIN VERTICAL CURVE	BVC
CENTERLINE	CL
END CURB RETURN	ECR
END CURVE	EC
END VERTICAL CURVE	EVC
FINISHED GRADE	FG
FINISHED SURFACE	FS
FINISH FLOOR	FF
FIRE DEPARTMENT CONNECTION	FDC
FLOW LINE	FL
GRADE BREAK	GB
HIGH POINT	HP
INVERT	INV
OUTSIDE GRADE	OG
POINT OF CONNECTION	POC
POINT OF REVERSE CURVE	PRC
POINT OF REVERSE VERTICAL CURVE	PRVC
PROPERTY LINE	PL
PUBLIC UTILITY EASEMENT	PUE
RIGHT-OF-WAY	ROW
TOP OF CURB	TC
TOP OF FOOTING	TF
TOP OF GRATE	TG
TOP OF WALL	TW
AC PAVING	
CONCRETE	



VICINITY MAP

N.T.S.



LOCATION MAP

1" = 500'

GENERAL NOTES

1. VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK. ANY CONFLICTS BETWEEN DETAILS OR DIMENSIONS ON THE DRAWINGS SHALL BE REPORTED PROMPTLY TO THE ENGINEER.
2. TAKE PRECAUTIONARY MEASURE TO PROTECT UTILITIES AND STRUCTURES SHOWN AS WELL AS ANY AND ALL OTHERS NOT ON RECORD DRAWINGS OR NOT SHOWN ON THESE PLANS. ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED TO ORIGINAL DESIGN CONDITION AND/OR APPLICABLE REQUIREMENTS OF THE AFFECTED UTILITY AT THE CONTRACTOR'S EXPENSE. APPROVAL BY THE DISTRICT SHALL ALSO BE REQUIRED.
3. COORDINATE UNDERGROUND UTILITY MARKING WITH THE LOCAL UNDERGROUND SERVICE ALERT JURISDICTION (CALL 811) PRIOR TO CONSTRUCTION.
4. VERIFY LOCATIONS AND DEPTHS OF EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION.
5. UPON LEARNING OF THE EXISTENCE AND LOCATIONS OF ANY UNDERGROUND FACILITIES NOT SHOWN OR SHOWN INACCURATELY ON THESE PLANS OR NOT PROPERLY MARKED BY THE UTILITY OWNER, IMMEDIATELY NOTIFY THE ENGINEER.
6. USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS, OR OTHER UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT. PROTECT FROM DAMAGE INCURRED DURING CONSTRUCTION FROM ALL OVERHEAD UTILITY LINES WHETHER SHOWN OR NOT SHOWN ON THESE PLANS. NOTIFY UTILITY COMPANIES PRIOR TO ANY WORK IN OVERHEAD LOCATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR COST INCURRED.
7. MAINTAIN SITE SECURITY AND OWNER ACCESS THROUGHOUT CONSTRUCTION. FURNISH AND INSTALL TEMPORARY SECURITY FENCING DURING CONSTRUCTION.
8. ALL SPECIFICATIONS, DRAWINGS, AND DETAILS INCLUDED IN THE CONTRACT DOCUMENTS SHALL FULLY APPLY TO THE WORK WHETHER SPECIFICALLY REFERENCED OR NOT.
9. MAINTAIN THE WORK AREA IN A NEAT, CLEAN, AND SANITARY CONDITION AT ALL TIMES AND TO THE SATISFACTION OF THE OWNER. STREETS SHALL BE KEPT CLEAN OF DEBRIS, WITH DUST AND OTHER NUISANCES BEING CONTROLLED AT ALL TIMES.
10. MAINTAIN A COMPLETE AND ACCURATE RECORD OF ALL CHANGES IN CONSTRUCTION FROM THAT SHOWN IN THESE PLANS AND SPECIFICATIONS FOR THE PURPOSE OF PROVIDING A BASIS FOR RECORD DRAWINGS. THE CONTRACTOR SHALL NOTE DEVIATIONS FROM THE PLANS ON A SET OF PLANS SPECIFICALLY SET ASIDE FOR THIS PURPOSE. ANY CHANGES SHALL BE MADE ON THE ORIGINALS OF THE PLANS. NO CHANGES FROM THAT SHOWN ON THESE PLANS AND SPECIFICATIONS SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
11. RESTORE ALL PAVEMENT, CONCRETE, ASPHALT, SIDEWALKS, CURBS, TRUNCATED DOMES, AND DRIVEWAY SURFACES REMOVED OR DAMAGED DURING CONSTRUCTION UNLESS INDICATED OTHERWISE ON THE PLANS, PER DISTRICT STANDARDS.
12. LIMIT CONSTRUCTION ACTIVITIES TO THE RIGHT-OF-WAY, EASEMENTS, AND DESIGNATED AREAS SHOWN ON DRAWINGS.

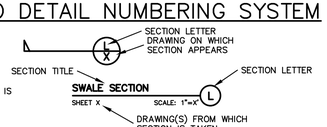
UTILITY CONTACTS

SECTION AND DETAIL NUMBERING SYSTEM

(1) SECTION CUT ON DRAWING SHEET X.

(2) ON SHEET X, THIS SECTION IS IDENTIFIED AS

(3) DETAILS ARE CROSS-REFERENCED IN A SIMILAR MANNER; EXCEPT THAT DETAILS ARE IDENTIFIED BY NUMBER RATHER THAN LETTER.



CALL BEFORE YOU DIG USA 811

PRELIMINARY
NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER STEVEN BENNETT KAHN NO. 42350 CIVIL STATE OF CALIFORNIA

REV. NO	DATE	REVISED DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY
A	11/18/21	PRELIMINARY SUBMITTAL FOR CLIENT AND CCC REVIEW			
B	10/18/22	PRELIMINARY SUBMITTAL FOR CLIENT REVIEW			

Cannon
1050 Southwood Drive
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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT
TITLE SHEET

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE	SHEET
	AS SHOWN	1 OF 25

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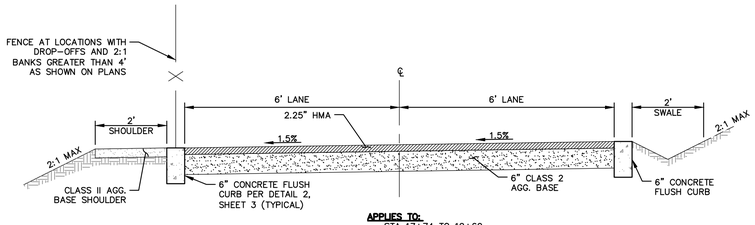
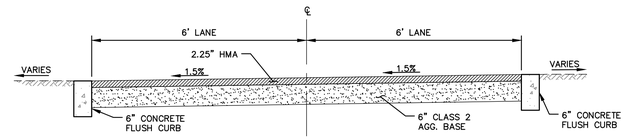


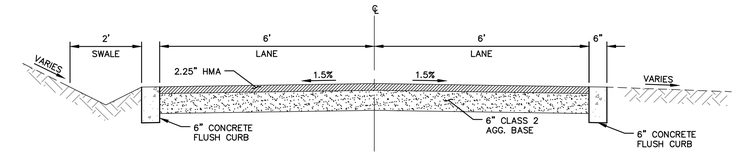
APPLIES TO:
- STA 17+74 TO 19+69
- STA 19+94 TO 20+44
- STA 26+50 TO 28+34
- STA 38+50 TO 67+53

TYPICAL PATH SECTION (CASE 1) 1
N.T.S.



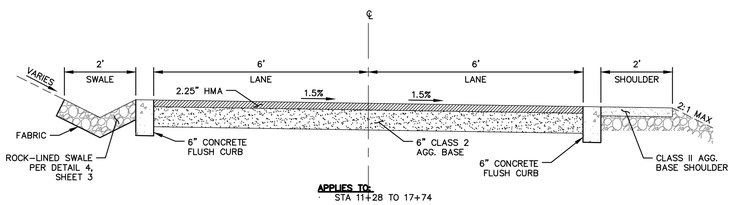
APPLIES TO:
- STA 29+40 TO 31+34

TYPICAL PATH SECTION (CASE 2) 2
N.T.S.



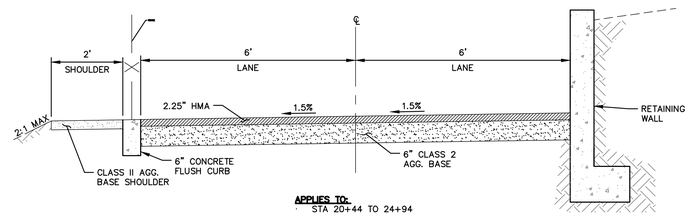
APPLIES TO:
- STA 9+50 TO 11+28

TYPICAL PATH SECTION (CASE 3) 3
N.T.S.



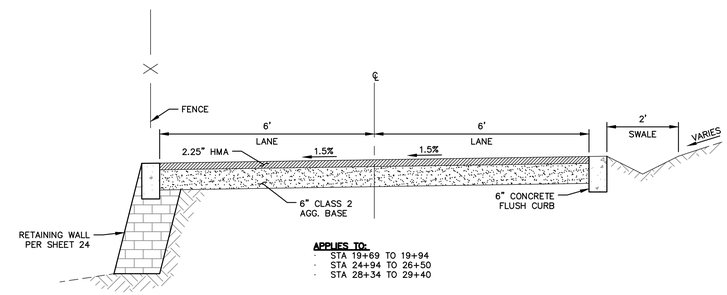
APPLIES TO:
- STA 11+28 TO 17+74

TYPICAL PATH SECTION (CASE 4) 4
N.T.S.



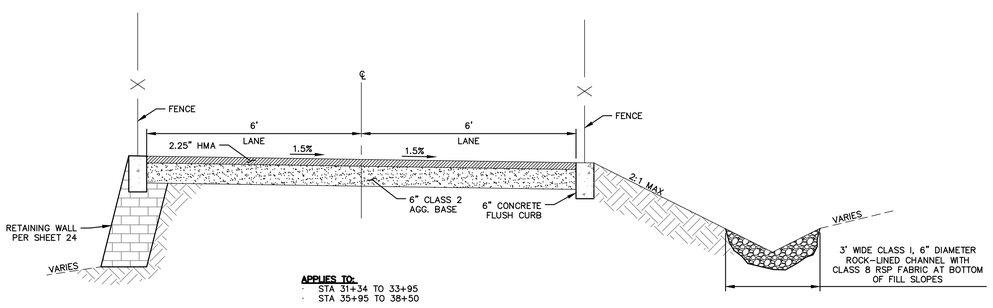
APPLIES TO:
- STA 20+44 TO 24+94

TYPICAL PATH SECTION (CASE 5) 5
N.T.S.



APPLIES TO:
- STA 19+69 TO 19+94
- STA 24+94 TO 26+50
- STA 28+34 TO 29+40

TYPICAL PATH SECTION (CASE 6) 6
N.T.S.



APPLIES TO:
- STA 31+34 TO 33+95
- STA 35+95 TO 38+50

TYPICAL PATH SECTION (CASE 7) 7
N.T.S.

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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT KAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

TYPICAL PATH SECTIONS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
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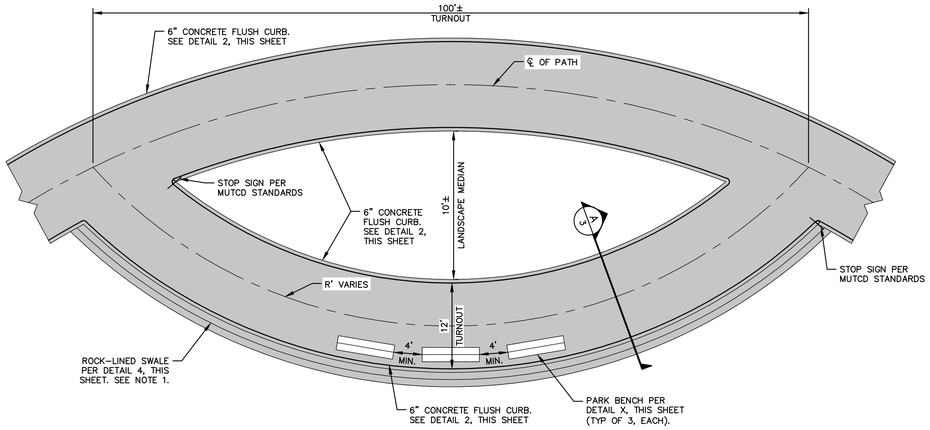
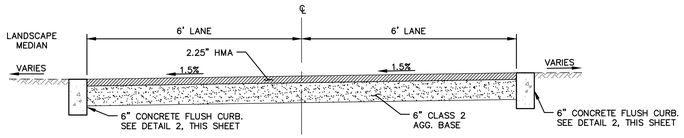


TURNOUT PLAN VIEW

N.T.S.



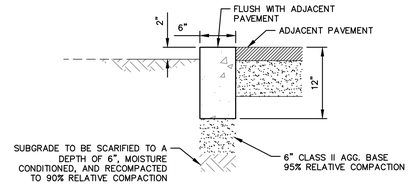
TURNOUT PATH SECTION (A)

N.T.S.

NOTES:
1. SWALES SHALL BE ADDED TO SECTION AS DEFINED BY SHEETS 4–9.

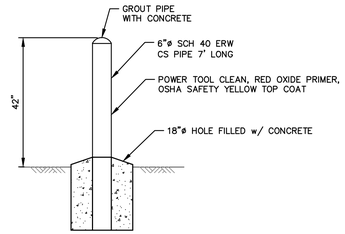
TYPICAL TURNOUT DETAIL (1)

N.T.S.



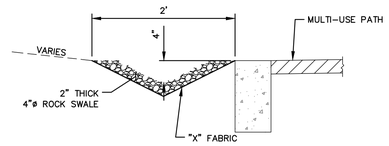
FLUSH CURB DETAIL (2)

N.T.S.



BOLLARD DETAIL (3)

N.T.S.



ROCK-LINED SWALE DETAIL (4)

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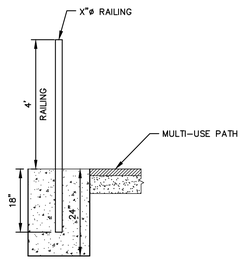

TYPICAL PATH RAILING FENCE DETAIL (5)

N.T.S.

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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT KAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

CIVIL DETAILS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
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	AS SHOWN	3 OF 25

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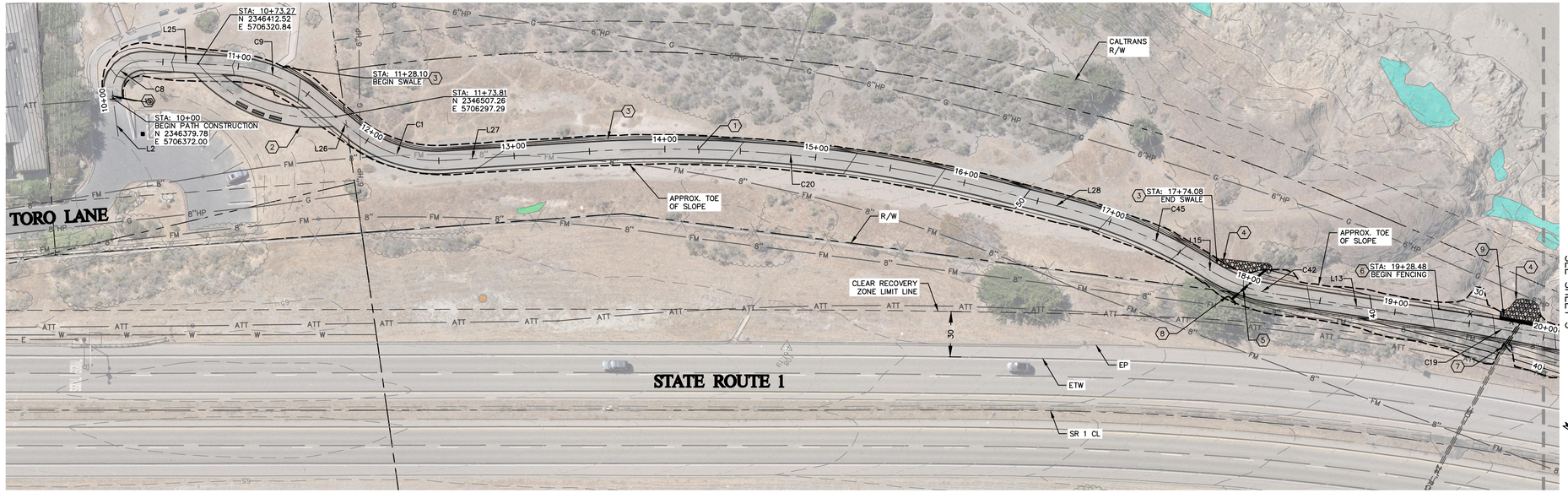


CLASS 1 PATHWAY – PLAN VIEW

SCALE HORIZ 1"=40'

0 40 80

1 INCH = 40 FEET

GENERAL NOTES

1. ALL IMPROVEMENTS NOT CALLED OUT TO BE REMOVED, RELOCATED, OR RECONSTRUCTED SHALL REMAIN AND BE PROTECTED IN PLACE.
2. CONTOURS SHOWN ON PLANS ARE FOR REFERENCE ONLY. DESIGN ELEVATIONS SHALL BE CALCULATED PURSUANT TO THE PROFILES AND PRECISE GRADES SHOWN.
3. ALL EXISTING UTILITY LIDS AND MANHOLES SHALL BE ADJUSTED TO MATCH FINISHED SURFACE.
4. FINISHED SURFACE SHALL MATCH EXISTING ELEVATIONS AT EDGE OF PAVEMENT UNLESS NOTED OTHERWISE ON PLANS.
5. DESIGN CENTERLINE ADDED BASED ON EXISTING HARDSCAPES. NOT TO BE CONSTRUED AS ACTUAL RECORD CENTERLINE. FOR DESIGN PURPOSES ONLY.
6. STRIPPING TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON PLANS.

CONSTRUCTION NOTES

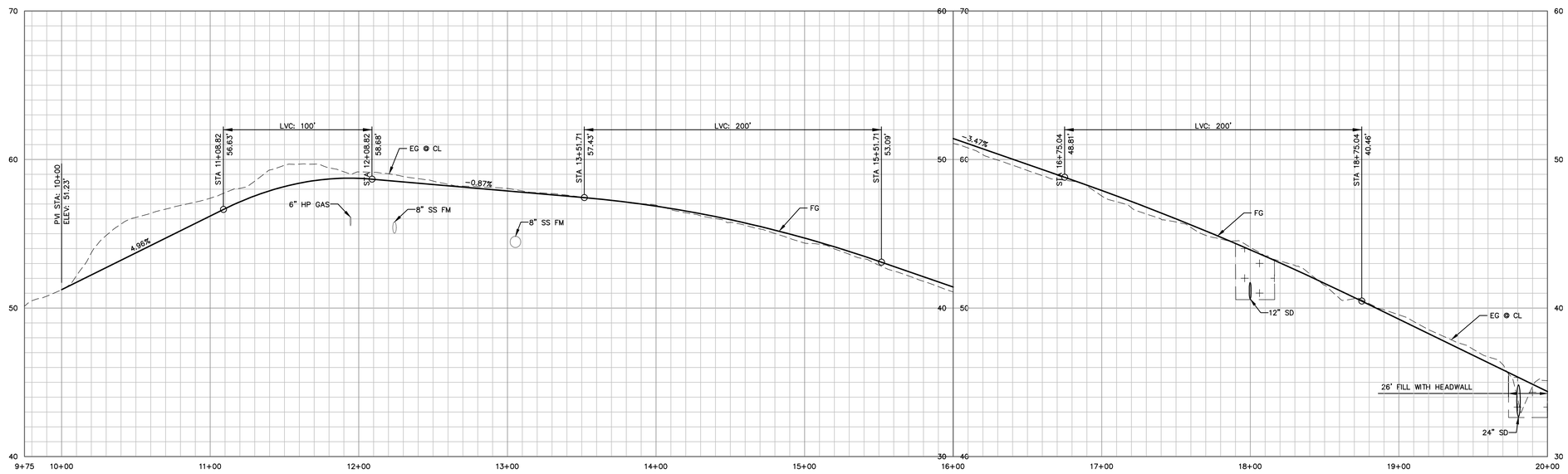
1. INSTALL HMA MULTI-USE PATH PER TYPICAL SECTIONS, SHEET 2.
2. INSTALL HMA MULTI-USE PATH TURNOUT PER SURFACE IMPROVEMENT PLANS AND DETAIL 1, SHEET 3.
3. INSTALL ROCK-LINED SWALE PER TYPICAL PATH SECTION (CASE 4) AND DETAIL 4, SHEET 3.
4. INSTALL RIP-RAP PAD PER DETAIL 6, SHEET 3 TO APPROXIMATE LIMITS SHOWN.
5. INSTALL 12"ø RCP STORM DRAIN CULVERT PER SHEET 14.
6. INSTALL 4' TALL, X"ø POST METAL FENCE PER DETAIL 5, SHEET 3 AND PER MANUFACTURER RECOMMENDATIONS.
7. EXTEND EXISTING 24"ø RCP STORM DRAIN CULVERT PER SHEET 15.
8. INSTALL CONCRETE INLET HEADWALL PER CALTRANS 2018 STANDARD PLAN X-XX, SHEET 25.
9. INSTALL CONCRETE OUTLET HEADWALL PER CALTRANS 2018 STANDARD PLAN X-XX, SHEET 25.
10. INSTALL RETAINING WALL PER DETAIL X, SHEET X.
11. INSTALL VENDURA STRUCTURAL WALL PER DETAIL 1, SHEET 24.
12. EXTEND EXISTING 36"ø RCP STORM DRAIN CULVERT PER SHEET 16.
13. EXTEND EXISTING 24"ø RCP STORM DRAIN CULVERT PER SHEET 17.
14. INSTALL MIDWEST GUARDRAIL SYSTEM PER CALTRANS 2018 STANDARD PLAN A77L1, SHEET 25.
15. SEE TEMPORARY CHEVRON ENTRANCE, THIS SHEET
16. INSTALL REMOVABLE BOLLARD PER DETAIL 2, SHEET 3.
17. INSTALL ROCK-LINED SWALE PER TYPICAL SECTION 7, SHEET 2.
18. INSTALL 12-FT WIDE CAPSTONE BRIDGE PER PLANS, DETAILS ON SHEET 23, AND MANUFACTURER RECOMMENDATIONS.
19. CLEAR AND GRUB FOR ADDITIONAL PARKING, AND FILL WITH SOIL
20. REMOVE INTERFERING PORTION OF 60"ø CULVERT
21. INSTALL ROCK-LINED SWALE PER TYPICAL PATH SECTION (CASE 7) AND DETAIL 4, SHEET 3.
22. CLEAR AND GRUB FOR ADDITIONAL PARKING
24. CLEAR AND GRUB EXISTING BRUSH, AND REMOVE EXISTING CONCRETE BLOCKS.
25. REMOVE AND REPLACE EXISTING 72" CHAIN LINK TO APPROXIMATE LIMITS SHOWN
26. STUDIO DRIVE BEACH ACCESS AND PATH ENTRANCE POINT. SEE SHEET 13.

LEGEND

COASTAL WETLAND

SPECIAL-STATUS SPECIES

SPECIAL-STATUS SPECIES (<5 INDIVIDUALS)



CLASS 1 PATHWAY – PROFILE VIEW

SCALE: HORIZ 1"=40'; VERT 1"=4'

PRELIMINARY
NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT TATIN
NO. 42350
CIVIL
STATE OF CALIFORNIA

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

PLAN & PROFILE
STA. 10+00 TO 20+00

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE	SHEET
	AS SHOWN	4 OF 25

PATH ALIGNMENT TABLE

SEGMENT ID	START STATION	START NORTHING	START EASTING	LENGTH	END STATION	DIRECTION/ DELTA	RADIUS
L2	9+75	2346396.72	5706390.39	27.46	10+02.46	S47°21'17"W	
C8	10+02.46	2346378.11	5706370.19	35.18	10+37.64	N82°15'39"W	20.00
L25	10+37.64	2346382.26	5706339.66	55.58	10+93.21	N31°52'34"W	
C9	10+93.21	2346429.46	5706310.31	60.66	11+53.87	N13°57'37"W	97.00
L26	11+53.87	2346487.37	5706295.91	35.17	11+89.05	N03°57'21"E	
C1	11+89.05	2346522.46	5706298.34	65.34	12+54.39	N17°18'53"W	88.00
L27	12+54.39	2346583.42	5706279.33	90.91	13+45.30	N38°35'08"W	
C20	13+45.30	2346654.48	5706222.63	276.14	16+21.44	N29°37'35"W	883.00
L28	16+21.44	2346893.54	5706086.68	46.08	16+67.52	N20°40'03"W	
C45	16+67.52	2346936.66	5706070.42	105.67	17+73.19	N11°53'35"W	345.00
L15	17+73.19	2347039.66	5706048.73	0.69	17+73.88	N03°07'07"W	
C42	17+73.88	2347040.35	5706048.69	44.59	18+18.47	N14°43'54"W	110.00
L13	18+18.47	2347083.18	5706037.43	111.91	19+30.39	N26°20'42"W	
C19	19+30.39	2347183.47	5705987.76	120.30	20+50.68	N23°41'53"W	1302.00

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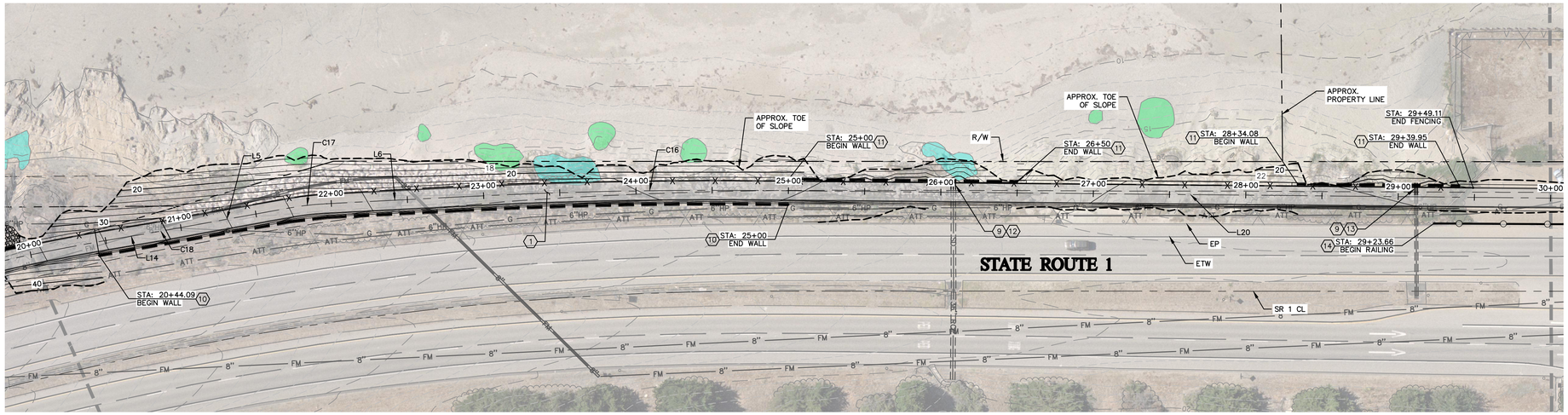
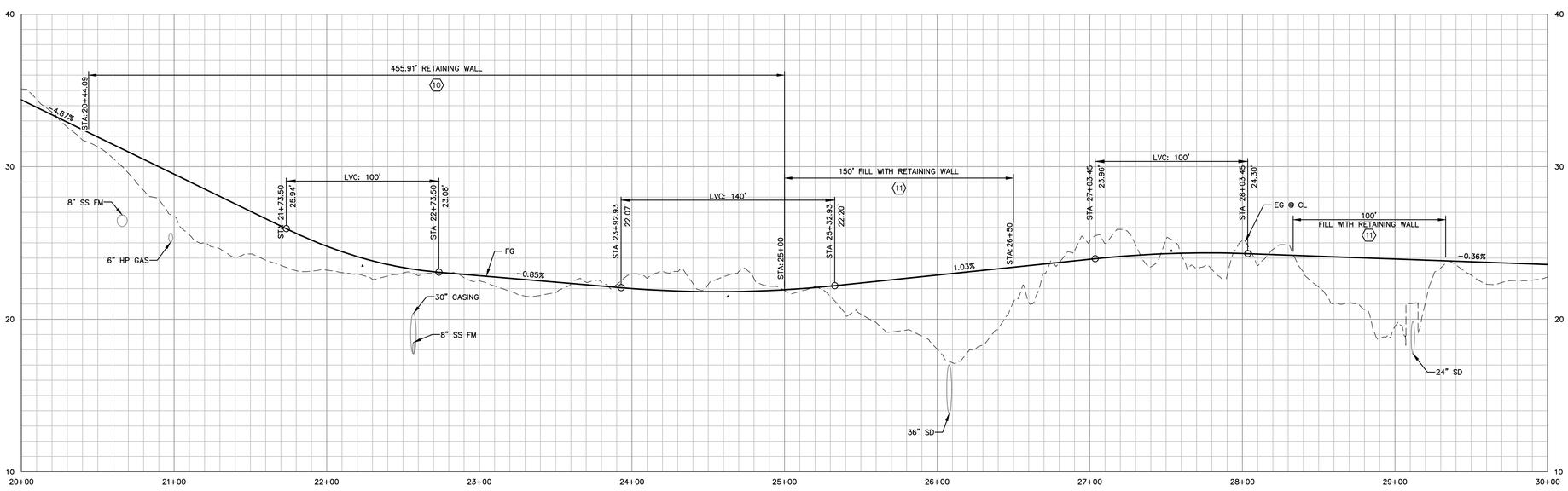


CLASS 1 PATHWAY – PLAN VIEW

SCALE HORIZ 1"=40'

0 40 80
1 INCH = 40 FEET



CLASS 1 PATHWAY – PROFILE VIEW

SCALE: HORIZ 1"=40'; VERT 1"=4'

GENERAL NOTES

1. ALL IMPROVEMENTS NOT CALLED OUT TO BE REMOVED, RELOCATED, OR RECONSTRUCTED SHALL REMAIN AND BE PROTECTED IN PLACE.
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3. ALL EXISTING UTILITY LIDS AND MANHOLES SHALL BE ADJUSTED TO MATCH FINISHED SURFACE.
4. FINISHED SURFACE SHALL MATCH EXISTING ELEVATIONS AT EDGE OF PAVEMENT UNLESS NOTED OTHERWISE ON PLANS.
5. DESIGN CENTERLINE ADDED BASED ON EXISTING HARDSCAPES. NOT TO BE CONSTRUED AS ACTUAL RECORD CENTERLINE. FOR DESIGN PURPOSES ONLY.
6. STRIPPING TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON PLANS.

CONSTRUCTION NOTES

1. INSTALL HMA MULTI-USE PATH PER TYPICAL SECTIONS, SHEET 2.
2. INSTALL HMA MULTI-USE PATH TURNOUT PER SURFACE IMPROVEMENT PLANS AND DETAIL 1, SHEET 3.
3. INSTALL ROCK-LINED SWALE PER TYPICAL PATH SECTION (CASE 4) AND DETAIL 4, SHEET 3.
4. INSTALL RIP-RAP PAD PER DETAIL 6, SHEET 3 TO APPROXIMATE LIMITS SHOWN.
5. INSTALL 12"ø RCP STORM DRAIN CULVERT PER SHEET 14.
6. INSTALL 4' TALL, X"ø POST METAL FENCE PER DETAIL 5, SHEET 3 AND PER MANUFACTURER RECOMMENDATIONS.
7. EXTEND EXISTING 24"ø RCP STORM DRAIN CULVERT PER SHEET 15.
8. INSTALL CONCRETE INLET HEADWALL PER CALTRANS 2018 STANDARD PLAN X-XX, SHEET 25.
9. INSTALL CONCRETE OUTLET HEADWALL PER CALTRANS 2018 STANDARD PLAN X-XX, SHEET 25.
10. INSTALL RETAINING WALL PER DETAIL X, SHEET X.
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12. EXTEND EXISTING 36"ø RCP STORM DRAIN CULVERT PER SHEET 16.
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14. INSTALL MIDWEST GUARDRAIL SYSTEM PER CALTRANS 2018 STANDARD PLAN A77L1, SHEET 25.
15. SEE TEMPORARY CHEVRON ENTRANCE, THIS SHEET
16. INSTALL REMOVABLE BOLLARD PER DETAIL 2, SHEET 3.
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18. INSTALL 12-FT WIDE CAPSTONE BRIDGE PER PLANS, DETAILS ON SHEET 23, AND MANUFACTURER RECOMMENDATIONS.
19. CLEAR AND GRUB FOR ADDITIONAL PARKING, AND FILL WITH SOIL
20. REMOVE INTERFERING PORTION OF 60"ø CULVERT
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24. CLEAR AND GRUB EXISTING BRUSH, AND REMOVE EXISTING CONCRETE BLOCKS.
25. REMOVE AND REPLACE EXISTING 72" CHAIN LINK TO APPROXIMATE LIMITS SHOWN
26. STUDIO DRIVE BEACH ACCESS AND PATH ENTRANCE POINT. SEE SHEET 13.

LEGEND

COASTAL WETLAND

SPECIAL-STATUS SPECIES

SPECIAL-STATUS SPECIES (<5 INDIVIDUALS)

PATH ALIGNMENT TABLE

SEGMENT ID	START STATION	START NORTHING	START EASTING	LENGTH	END STATION	DIRECTION/ DELTA	RADIUS
C19	19+30.39	2347183.47	5705987.76	120.30	20+50.68	N23°41'53"W	1302.00
L14	20+50.68	2347293.58	5705939.43	32.58	20+83.27	N21°03'04"W	
C18	20+83.27	2347323.99	5705927.73	6.74	20+90	N21°20'45"W	655.00
L5	20+90	2347330.27	5705925.27	81.43	21+71.43	N21°38'25"W	
C17	21+71.43	2347405.95	5705895.25	25.43	21+96.86	N17°59'51"W	200.00
L6	21+96.86	2347430.12	5705887.39	89.88	22+86.74	N14°21'17"W	
C16	22+86.74	2347517.20	5705865.11	196.57	24+83.31	N12°36'12"W	3215.00
L20	24+83.31	2347709.00	5705822.22	672.39	31+55.70	N10°51'06"W	

PRELIMINARY
NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT KAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

REV. NO	DATE	REVISED DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY
A	11/18/21	PRELIMINARY SUBMITTAL FOR CLIENT AND CCC REVIEW			
B	10/18/22	PRELIMINARY SUBMITTAL FOR CLIENT REVIEW			

Cannon
1050 Southwood Drive
San Luis Obispo, CA 93401
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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

PLAN & PROFILE
STA. 20+00 TO 30+00

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE	SHEET
	AS SHOWN	5 OF 25

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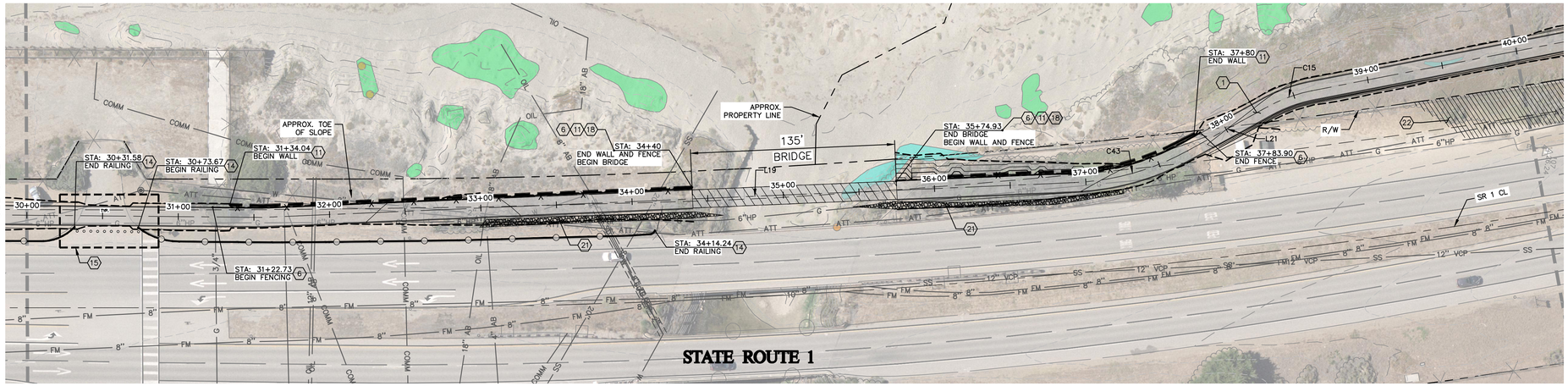
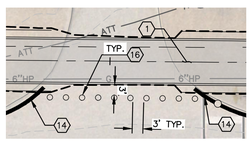


CLASS 1 PATHWAY – PLAN VIEW

SCALE: 1"=40'

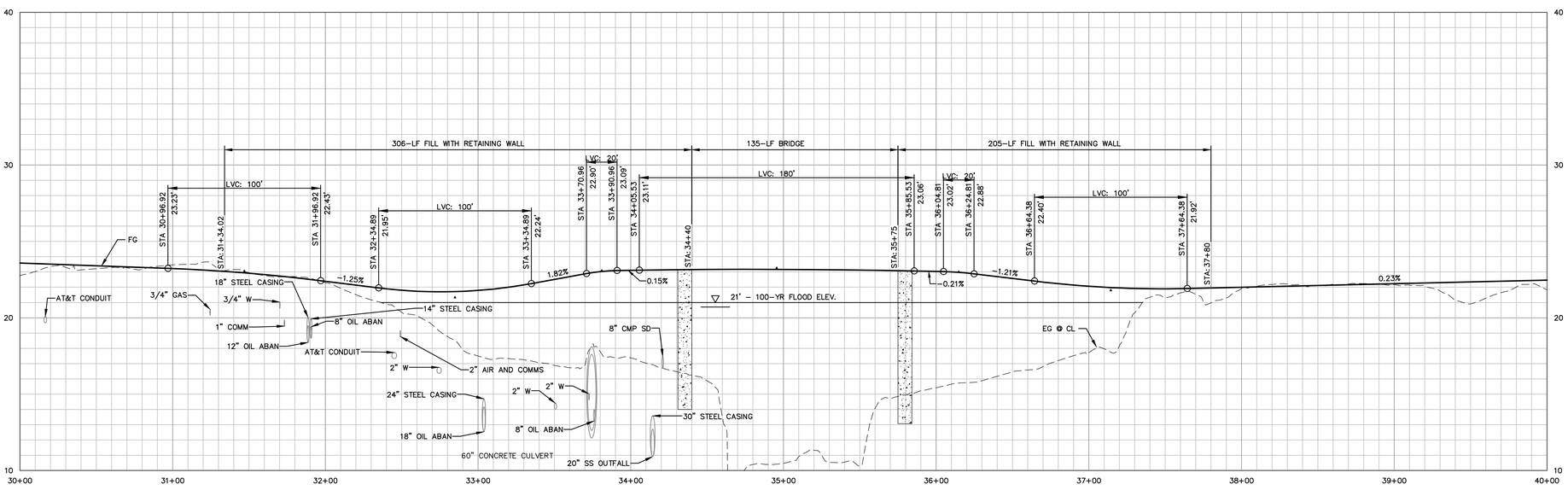
1 INCH = 40 FEET



1 INCH = 20 FEET

TEMPORARY ACCESS POINT

SCALE: 1"=20'



CLASS 1 PATHWAY – PROFILE VIEW

SCALE: HORIZ 1"=40'; VERT 1"=4'

PRELIMINARY
NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT HAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

REV. NO	DATE	REVISED	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY
A	11/18/21	PRELIMINARY SUBMITTAL FOR CLIENT AND CCC REVIEW				
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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI–USE TRAIL GAP CLOSURE PROJECT

PLAN & PROFILE
STA. 30+00 TO 40+00

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE	SHEET
	AS SHOWN	6 OF 25

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LEGEND

- COASTAL WETLAND
- SPECIAL–STATUS SPECIES
- SPECIAL–STATUS SPECIES (<5 INDIVIDUALS)

PATH ALIGNMENT TABLE

SEGMENT ID	START STATION	START NORTHING	START EASTING	LENGTH	END STATION	DIRECTION/ DELTA	RADIUS
L20	24+83.31	2347709.00	5705822.22	672.39	31+55.70	N10°51'06"W	
L19	31+55.70	2348369.37	5705695.63	536.64	36+92.34	N13°50'42"W	
C43	36+92.34	2348890.41	5705567.22	78.24	37+70.57	N27°01'45"W	170.00
L21	37+70.57	2348959.49	5705531.98	60.38	38+30.95	N40°12'47"W	
C15	38+30.95	2349005.60	5705493.00	31.15	38+62.10	N31°17'21"W	100.00
L3	38+62.10	2349032.11	5705476.89	496.84	43+58.95	N22°21'54"W	
C2	43+58.95	2349491.58	5705287.83	50.52	44+09.46	N36°50'16"W	100.00

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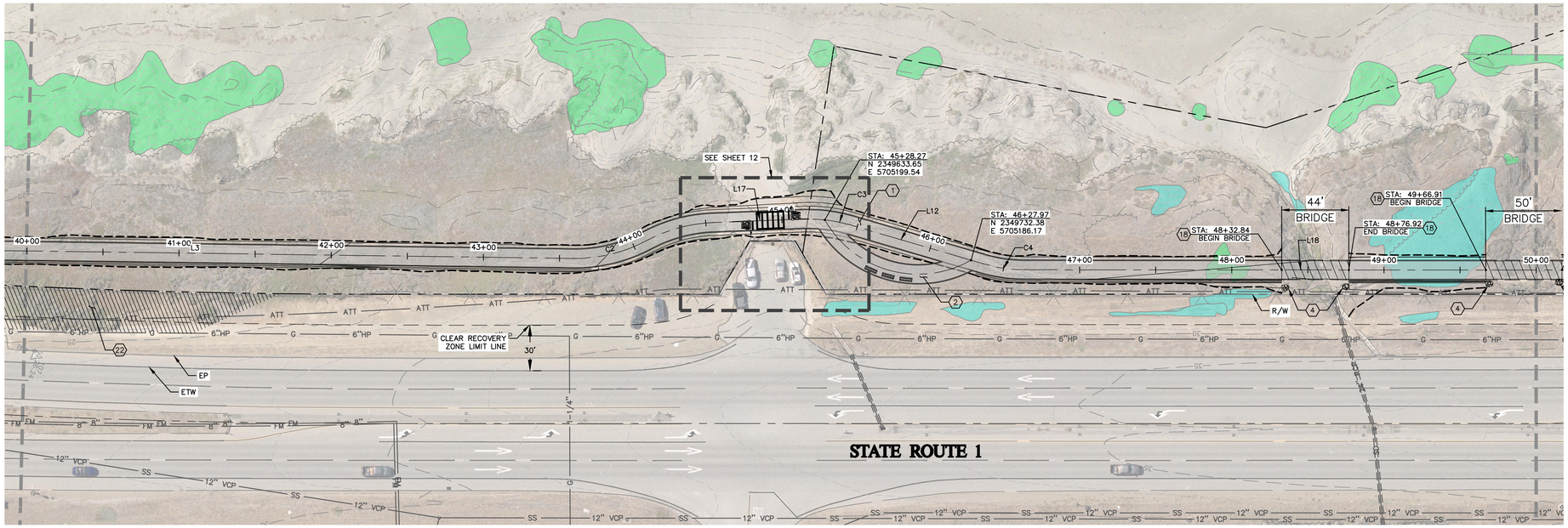
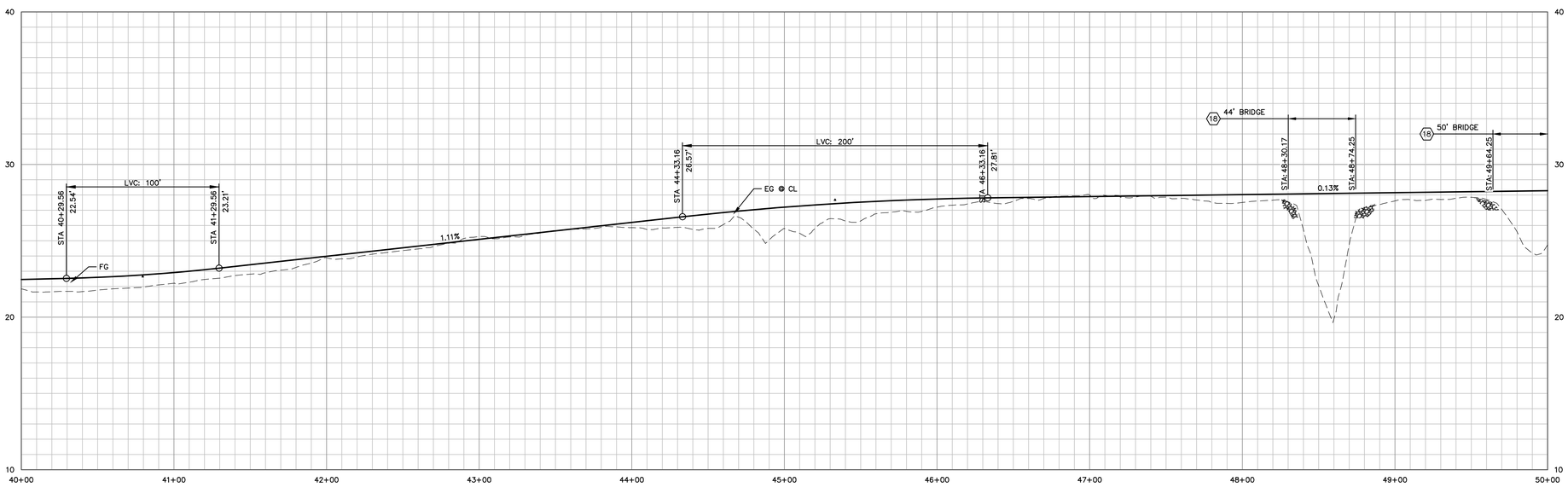


CLASS 1 PATHWAY – PLAN VIEW

SCALE: 1"=40'

1 INCH = 40 FEET



CLASS 1 PATHWAY – PROFILE VIEW

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LEGEND

- COASTAL WETLAND
- SPECIAL-STATUS SPECIES
- SPECIAL-STATUS SPECIES (<5 INDIVIDUALS)

PATH ALIGNMENT TABLE

SEGMENT ID	START STATION	START NORTHING	START EASTING	LENGTH	END STATION	DIRECTION/ DELTA	RADIUS
C2	43+58.95	2349491.58	5705287.83	50.52	44+09.46	N36°50'16"W	100.00
C3	45+13.33	2349619.73	5705204.91	32.35	45+45.67	N16°06'33"W	100.00
L12	45+45.67	2349650.67	5705195.98	90.33	46+36	N06°50'33"W	
C4	46+36	2349740.35	5705185.21	28.40	46+64.40	N14°58'47"W	100.00
L18	46+64.40	2349767.70	5705177.90	361.57	50+25.97	N23°07'01"W	

PRELIMINARY
NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT HAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

REV. NO	DATE	REVISED	REV. BY	CKD. BY	APRD BY
A	11/18/21	PRELIMINARY SUBMITTAL FOR CLIENT AND CCC REVIEW			
B	10/18/22	PRELIMINARY SUBMITTAL FOR CLIENT REVIEW			

DESTROY ALL PRINTS BEARING EARLIER DATE

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

PLAN & PROFILE
STA. 40+00 TO 50+00

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE	SHEET
	AS SHOWN	7 OF 25

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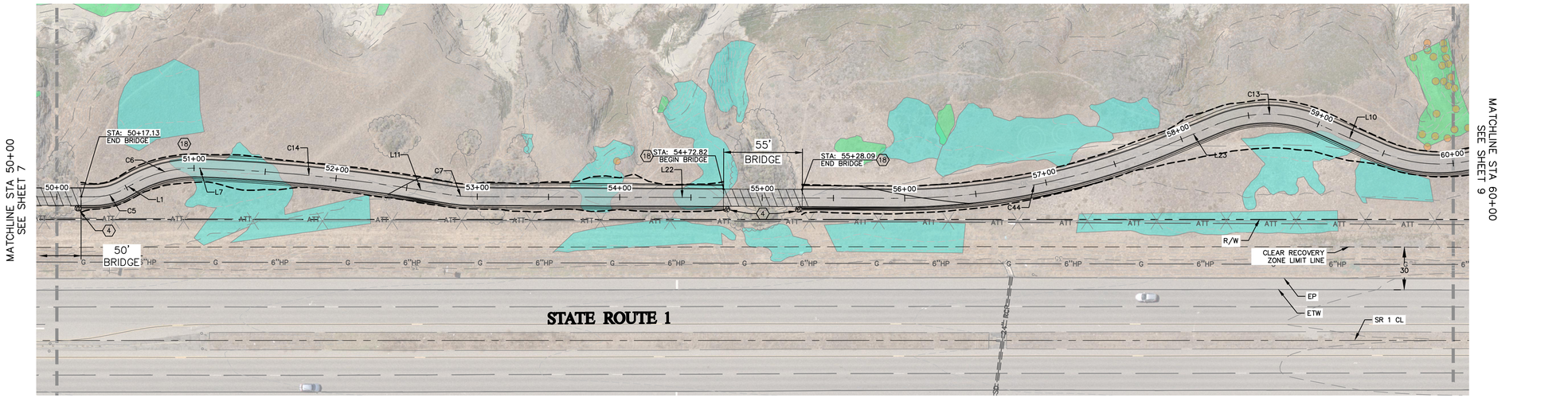
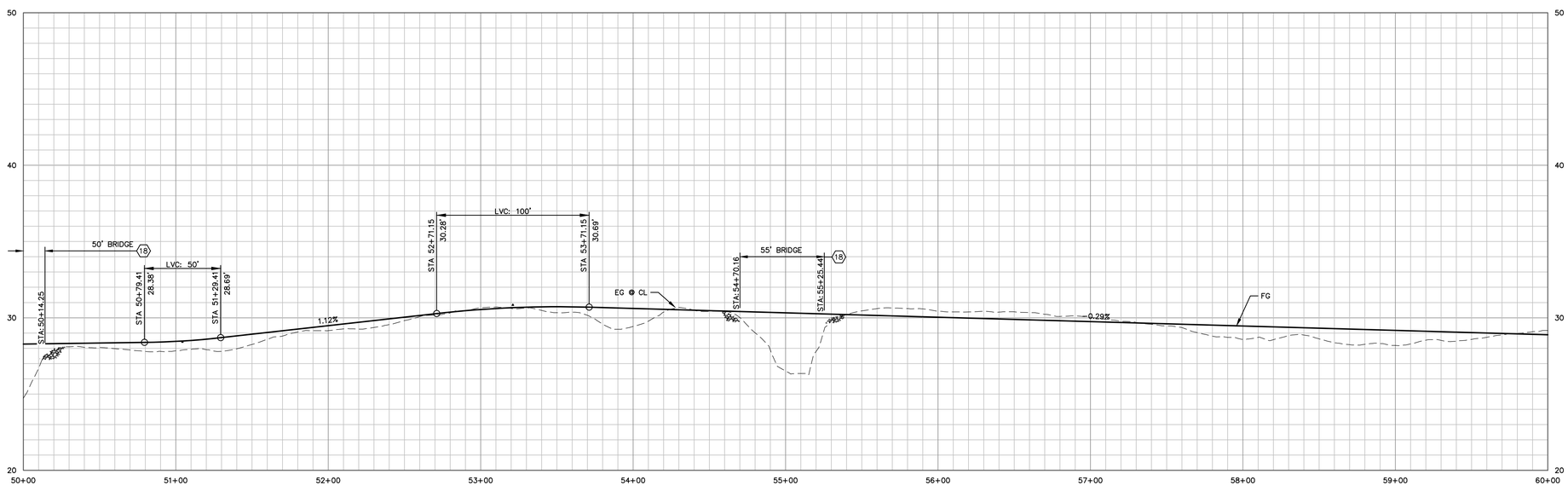


CLASS 1 PATHWAY – PLAN VIEW

SCALE HORIZ 1"=40'

0 40 80

1 INCH = 40 FEET



CLASS 1 PATHWAY – PROFILE VIEW

SCALE: HORIZ 1"=40'; VERT 1"=4'

GENERAL NOTES

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LEGEND

COASTAL WETLAND

SPECIAL–STATUS SPECIES

SPECIAL–STATUS SPECIES (<5 INDIVIDUALS)

PATH ALIGNMENT TABLE

SEGMENT ID	START STATION	START NORTHING	START EASTING	LENGTH	END STATION	DIRECTION/ DELTA	RADIUS
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C5	50+25.97	2350100.23	5705035.94	22.50	50+48.47	N37°46'00"W	44.00
L1	50+48.47	2350117.83	5705022.31	6.21	50+54.68	N52°24'58"W	
C6	50+54.68	2350121.62	5705017.39	49.15	51+03.84	N36°46'11"W	90.00
L7	51+03.84	2350160.50	5704988.33	0.51	51+04.35	N21°07'24"W	
C14	51+04.35	2350160.98	5704988.14	152.97	52+57.33	N17°31'53"W	1220.00
L11	52+57.33	2350306.75	5704942.09	24.04	52+81.37	N13°56'21"W	
C7	52+81.37	2350330.09	5704936.30	14.10	52+95.47	N18°25'43"W	90.00
L22	52+95.47	2350343.46	5704931.85	296.77	55+92.24	N22°55'06"W	
C44	55+92.24	2350616.80	5704816.28	198.54	57+90.78	N34°17'37"W	500.00
L23	57+90.78	2350779.75	5704705.15	36.62	58+27.40	N45°40'09"W	
C13	58+27.40	2350805.34	5704678.96	74.98	59+02.38	N22°19'11"W	92.00
L10	59+02.38	2350872.80	5704651.26	43.45	59+45.83	N01°01'47"E	
C12	59+45.83	2350916.24	5704652.04	104.14	60+49.97	N27°23'03"W	105.00

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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT KAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI–USE TRAIL GAP CLOSURE PROJECT

PLAN & PROFILE
STA. 50+00 TO 60+00

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

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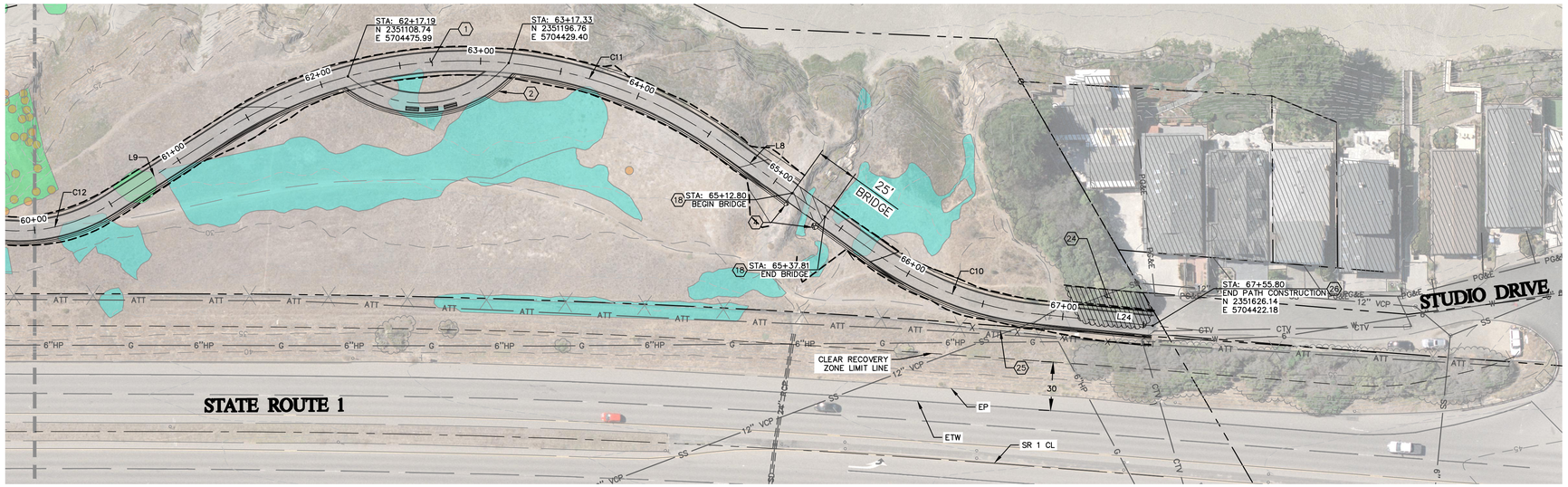
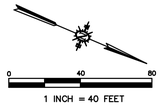
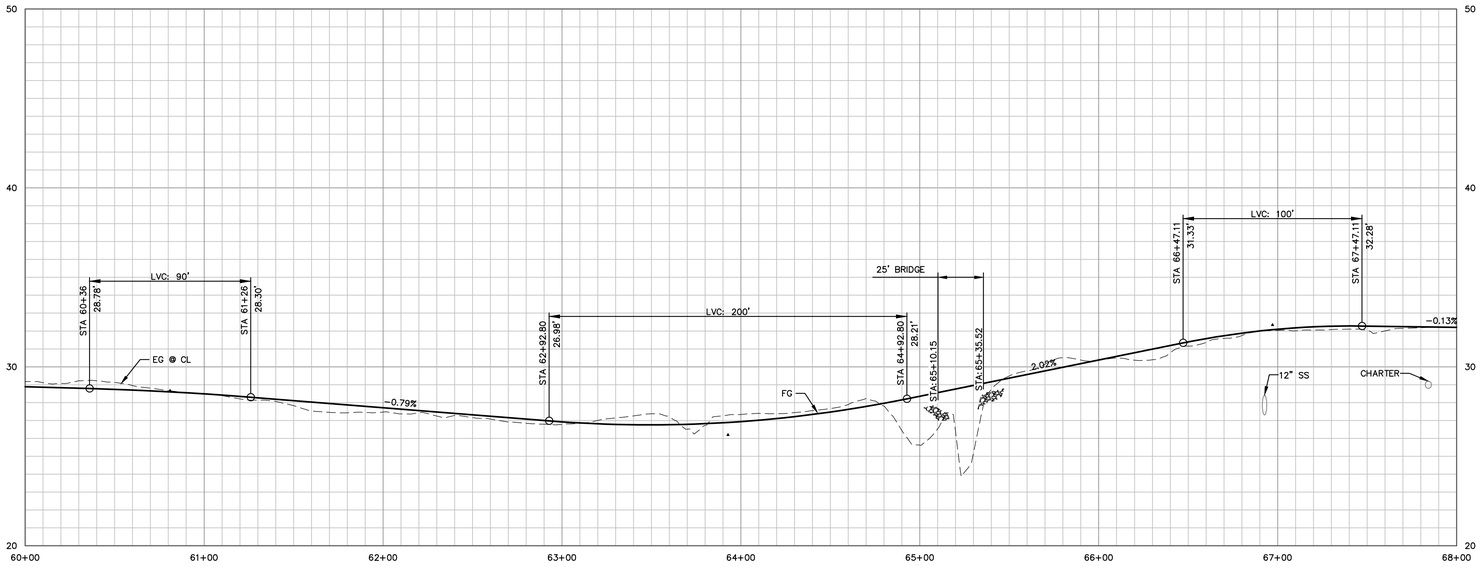


CLASS 1 PATHWAY – PLAN VIEW

SCALE HORIZ 1"=40'





CLASS 1 PATHWAY – PROFILE VIEW

SCALE: HORIZ 1"=40'; VERT 1"=4'

GENERAL NOTES

1. ALL IMPROVEMENTS NOT CALLED OUT TO BE REMOVED, RELOCATED, OR RECONSTRUCTED SHALL REMAIN AND BE PROTECTED IN PLACE.
2. CONTOURS SHOWN ON PLANS ARE FOR REFERENCE ONLY. DESIGN ELEVATIONS SHALL BE CALCULATED PURSUANT TO THE PROFILES AND PRECISE GRADES SHOWN.
3. ALL EXISTING UTILITY LIDS AND MANHOLES SHALL BE ADJUSTED TO MATCH FINISHED SURFACE.
4. FINISHED SURFACE SHALL MATCH EXISTING ELEVATIONS AT EDGE OF PAVEMENT UNLESS NOTED OTHERWISE ON PLANS.
5. DESIGN CENTERLINE ADDED BASED ON EXISTING HARDSCAPES. NOT TO BE CONSTRUED AS ACTUAL RECORD CENTERLINE. FOR DESIGN PURPOSES ONLY.
6. STRIPPING TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON PLANS.

CONSTRUCTION NOTES

1. INSTALL HMA MULTI-USE PATH PER TYPICAL SECTIONS, SHEET 2.
2. INSTALL HMA MULTI-USE PATH TURNOUT PER SURFACE IMPROVEMENT PLANS AND DETAIL 1, SHEET 3.
3. INSTALL ROCK-LINED SWALE PER TYPICAL PATH SECTION (CASE 4) AND DETAIL 4, SHEET 3.
4. INSTALL RIP-RAP PAD PER DETAIL 6, SHEET 3 TO APPROXIMATE LIMITS SHOWN.
5. INSTALL 12"ø RCP STORM DRAIN CULVERT PER SHEET 14.
6. INSTALL 4' TALL, X"ø POST METAL FENCE PER DETAIL 5, SHEET 3 AND PER MANUFACTURER RECOMMENDATIONS.
7. EXTEND EXISTING 24"ø RCP STORM DRAIN CULVERT PER SHEET 15.
8. INSTALL CONCRETE INLET HEADWALL PER CALTRANS 2018 STANDARD PLAN X-XX, SHEET 25.
9. INSTALL CONCRETE OUTLET HEADWALL PER CALTRANS 2018 STANDARD PLAN X-XX, SHEET 25.
10. INSTALL RETAINING WALL PER DETAIL X, SHEET X.
11. INSTALL VENDURA STRUCTURAL WALL PER DETAIL 1, SHEET 24.
12. EXTEND EXISTING 36"ø RCP STORM DRAIN CULVERT PER SHEET 16.
13. EXTEND EXISTING 24"ø RCP STORM DRAIN CULVERT PER SHEET 17.
14. INSTALL MIDWEST GUARDRAIL SYSTEM PER CALTRANS 2018 STANDARD PLAN A77L1, SHEET 25.
15. SEE TEMPORARY CHEVRON ENTRANCE, THIS SHEET
16. INSTALL REMOVABLE BOLLARD PER DETAIL 2, SHEET 3.
17. INSTALL ROCK-LINED SWALE PER TYPICAL SECTION 7, SHEET 2.
18. INSTALL 12-FT WIDE CAPSTONE BRIDGE PER PLANS, DETAILS ON SHEET 23, AND MANUFACTURER RECOMMENDATIONS.
19. CLEAR AND GRUB FOR ADDITIONAL PARKING, AND FILL WITH SOIL
20. REMOVE INTERFERING PORTION OF 60"ø CULVERT
21. INSTALL ROCK-LINED SWALE PER TYPICAL PATH SECTION (CASE 7) AND DETAIL 4, SHEET 3.
22. CLEAR AND GRUB FOR ADDITIONAL PARKING
24. CLEAR AND GRUB EXISTING BRUSH, AND REMOVE EXISTING CONCRETE BLOCKS.
25. REMOVE AND REPLACE EXISTING 72" CHAIN LINK TO APPROXIMATE LIMITS SHOWN
26. STUDIO DRIVE BEACH ACCESS AND PATH ENTRANCE POINT. SEE SHEET 13.

LEGEND

- COASTAL WETLAND
- SPECIAL-STATUS SPECIES
- SPECIAL-STATUS SPECIES (<5 INDIVIDUALS)

PATH ALIGNMENT TABLE

SEGMENT ID	START STATION	START NORTHING	START EASTING	LENGTH	END STATION	DIRECTION/ DELTA	RADIUS
C12	59+45.83	2350916.24	5704652.04	104.14	60+49.97	N27°23'03"W	105.00
L9	60+49.97	2351004.97	5704606.08	83.33	61+33.31	N55°47'54"W	
C11	61+33.31	2351051.81	5704537.16	328.00	64+61.31	N21°37'45"W	275.00
L8	64+61.31	2351338.96	5704423.30	113.85	65+75.16	N12°32'24"E	
C10	65+75.16	2351450.10	5704448.02	109.68	66+85.01	N02°26'45"W	210.00
L24	66+85.01	2351558.60	5704443.38	105.68	67+90.69	N17°25'54"W	

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

PLAN & PROFILE
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COUNTY OF SAN LUIS OBISPO, CALIFORNIA

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TORO LANE PARKING AREA IMPROVEMENT PLAN

SCALE: 1"=10'

SEE SHEET 4 FOR CONTINUATION

GENERAL NOTES

1. ALL IMPROVEMENTS NOT CALLED OUT TO BE REMOVED, RELOCATED, OR RECONSTRUCTED SHALL REMAIN AND BE PROTECTED IN PLACE.
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5. STRIPPING TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON PLANS.

QUANTITIES

1. CLEAR & GRUB = 5,500 SF

CONSTRUCTION NOTES

1. INSTALL HMA MULTI-USE PATH PER TYPICAL SECTIONS, SHEET 2.
2. INSTALL HMA MULTI-USE PATH TURNOUT PER SURFACE IMPROVEMENT PLANS AND DETAIL 1, SHEET 3.
3. INSTALL REMOVABLE BOLLARD PER DETAIL 2, SHEET 3.
4. CLEAR AND GRUB FOR ADDITIONAL PARKING, AND FILL WITH SOIL
5. INSTALL 4" OF 1/4" AGGREGATE HMA OVER 6" CLASS II AGGREGATE BASE TO LIMITS SHOWN
6. CLEAR AND GRUB EXISTING BRUSH, AND REMOVE EXISTING CONCRETE BLOCKS.
7. REMOVE EXISTING AC AND BASE SECTION AND PLACE X" HMA AND Y" CLASS II AGGREGATE BASE
8. MILL 1.5-IN OF EXISTING AC AND OVERLAY WITH HMA TO MATCH EXISTING SURFACE TO LIMITS SHOWN
9. INSTALL 6-FT LONG CONCRETE PARKING BUMPER
10. INSTALL CALTRANS TYPE A AC DIKE PER CALTRANS STANDARD DRAWING A87B
11. ADJUST EXISTING UTILITY LID TO MATCH FINISHED SURFACE
12. INSTALL 4" WIDE PARKING "T" STRIPING
13. INSTALL 4" WIDE PARKING STALL STRIPING
14. INSTALL CENTERLINE STRIPING PER CALTRANS STANDARD PLAN A20A, DETAIL 21
15. INSTALL STOP LINE PER CALTRANS STANDARD PLAN A24G
16. INSTALL CROSSWALK MARKINGS PER CALTRANS STANDARD PLAN A34F, LADDER STYLE
17. INSTALL "STOP" WORD MARKING PER CALTRANS STANDARD PLAN A24D
18. INSTALL STOP SIGN (R1-1) AND POST PER MUTCD FIGURE 9B-1

LEGEND

COASTAL WETLAND

SPECIAL-STATUS SPECIES

SPECIAL-STATUS SPECIES (<5 INDIVIDUALS)

0 10 20

1 INCH = 10 FEET

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

SURFACE IMPROVEMENT PLANS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

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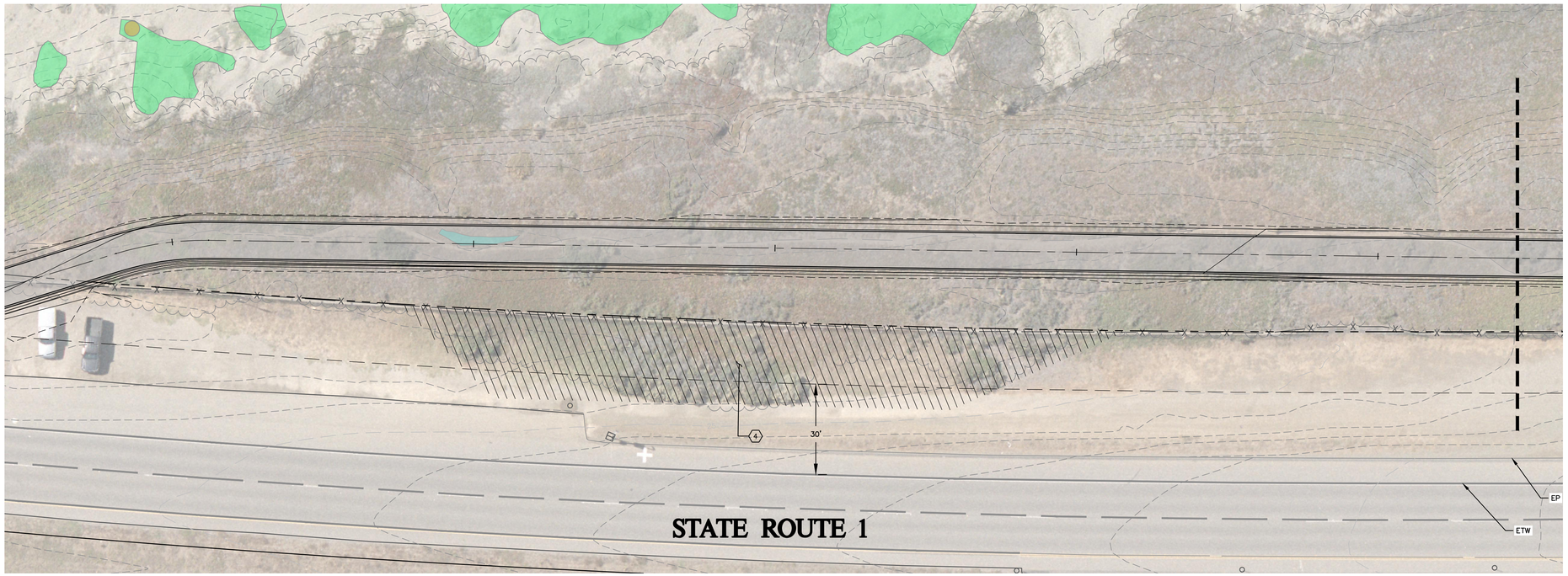

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5. STRIPPING TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON PLANS.

QUANTITIES

1. CLEAR & GRUB = 5,500 SF

CONSTRUCTION NOTES

1. INSTALL HMA MULTI-USE PATH PER TYPICAL SECTIONS, SHEET 2.
2. INSTALL HMA MULTI-USE PATH TURNOUT PER SURFACE IMPROVEMENT PLANS AND DETAIL 1, SHEET 3.
3. INSTALL REMOVABLE BOLLARD PER DETAIL 2, SHEET 3.
4. CLEAR AND GRUB FOR ADDITIONAL PARKING, AND FILL WITH SOIL
5. INSTALL 4" OF 1/4" AGGREGATE HMA OVER 6" CLASS II AGGREGATE BASE TO LIMITS SHOWN
6. CLEAR AND GRUB EXISTING BRUSH, AND REMOVE EXISTING CONCRETE BLOCKS.
7. REMOVE EXISTING AC AND BASE SECTION AND PLACE X" HMA AND Y" CLASS II AGGREGATE BASE
8. MILL 1.5-IN OF EXISTING AC AND OVERLAY WITH HMA TO MATCH EXISTING SURFACE TO LIMITS SHOWN
9. INSTALL 6-FT LONG CONCRETE PARKING BUMPER
10. INSTALL CALTRANS TYPE A AC DIKE PER CALTRANS STANDARD DRAWING A87B
11. ADJUST EXISTING UTILITY LID TO MATCH FINISHED SURFACE
12. INSTALL 4" WIDE PARKING "T" STRIPING
13. INSTALL 4" WIDE PARKING STALL STRIPING
14. INSTALL CENTERLINE STRIPING PER CALTRANS STANDARD PLAN A20A, DETAIL 21
15. INSTALL STOP LINE PER CALTRANS STANDARD PLAN A24G
16. INSTALL CROSSWALK MARKINGS PER CALTRANS STANDARD PLAN A34F, LADDER STYLE
17. INSTALL "STOP" WORD MARKING PER CALTRANS STANDARD PLAN A24D
18. INSTALL STOP SIGN (R1-1) AND POST PER MUTCD FIGURE 9B-1

LEGEND

COASTAL WETLAND

SPECIAL-STATUS SPECIES

SPECIAL-STATUS SPECIES (<5 INDIVIDUALS)

BEACH PARKING AREA SURFACE IMPROVEMENT PLAN

SCALE: 1"=20'

0 20 40

1 INCH = 20 FEET

PRELIMINARY
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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT HAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

SURFACE IMPROVEMENT PLANS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

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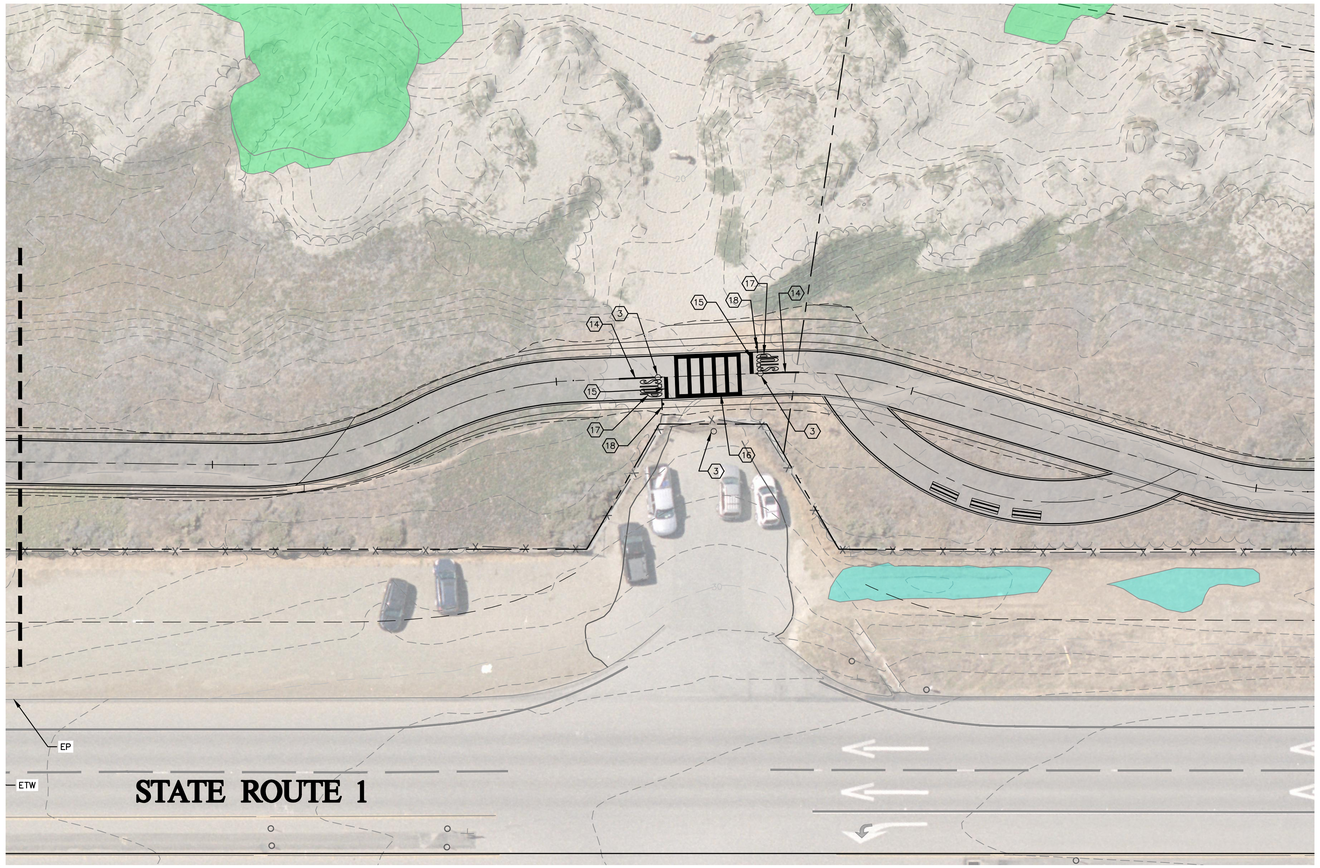

SEE SHEET 7 FOR CONTINUATION

BEACH PARKING AND ACCESS SURFACE IMPROVEMENT PLAN

SCALE: 1"=20'

GENERAL NOTES

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5. STRIPPING TO BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON PLANS.

QUANTITIES

1. CLEAR & GRUB = 5,500 SF

CONSTRUCTION NOTES

1. INSTALL HMA MULTI-USE PATH PER TYPICAL SECTIONS, SHEET 2.
2. INSTALL HMA MULTI-USE PATH TURNOUT PER SURFACE IMPROVEMENT PLANS AND DETAIL 1, SHEET 3.
3. INSTALL REMOVABLE BOLLARD PER DETAIL 2, SHEET 3.
4. CLEAR AND GRUB FOR ADDITIONAL PARKING, AND FILL WITH SOIL
5. INSTALL 4" OF 1/4" AGGREGATE HMA OVER 6" CLASS II AGGREGATE BASE TO LIMITS SHOWN
6. CLEAR AND GRUB EXISTING BRUSH, AND REMOVE EXISTING CONCRETE BLOCKS.
7. REMOVE EXISTING AC AND BASE SECTION AND PLACE X" HMA AND Y" CLASS II AGGREGATE BASE
8. MILL 1.5-IN OF EXISTING AC AND OVERLAY WITH HMA TO MATCH EXISTING SURFACE TO LIMITS SHOWN
9. INSTALL 6-FT LONG CONCRETE PARKING BUMPER
10. INSTALL CALTRANS TYPE A AC DIKE PER CALTRANS STANDARD DRAWING A87B
11. ADJUST EXISTING FTILITY LID TO MATCH FINISHED SURFACE
12. INSTALL 4" WIDE PARKING "T" STRIPING
13. INSTALL 4" WIDE PARKING STALL STRIPING
14. INSTALL CENTERLINE STRIPING PER CALTRANS STANDARD PLAN A20A, DETAIL 21
15. INSTALL STOP LINE PER CALTRANS STANDARD PLAN A24G
16. INSTALL CROSSWALK MARKINGS PER CALTRANS STANDARD PLAN A34F, LADDER STYLE
17. INSTALL "STOP" WORD MARKING PER CALTRANS STANDARD PLAN A24D
18. INSTALL STOP SIGN (R1-1) AND POST PER MUTCD FIGURE 9B-1

LEGEND

- COASTAL WETLAND
- SPECIAL-STATUS SPECIES
- SPECIAL-STATUS SPECIES (<5 INDIVIDUALS)

0 20 40
1 INCH = 20 FEET

PRELIMINARY
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SURFACE IMPROVEMENT PLANS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

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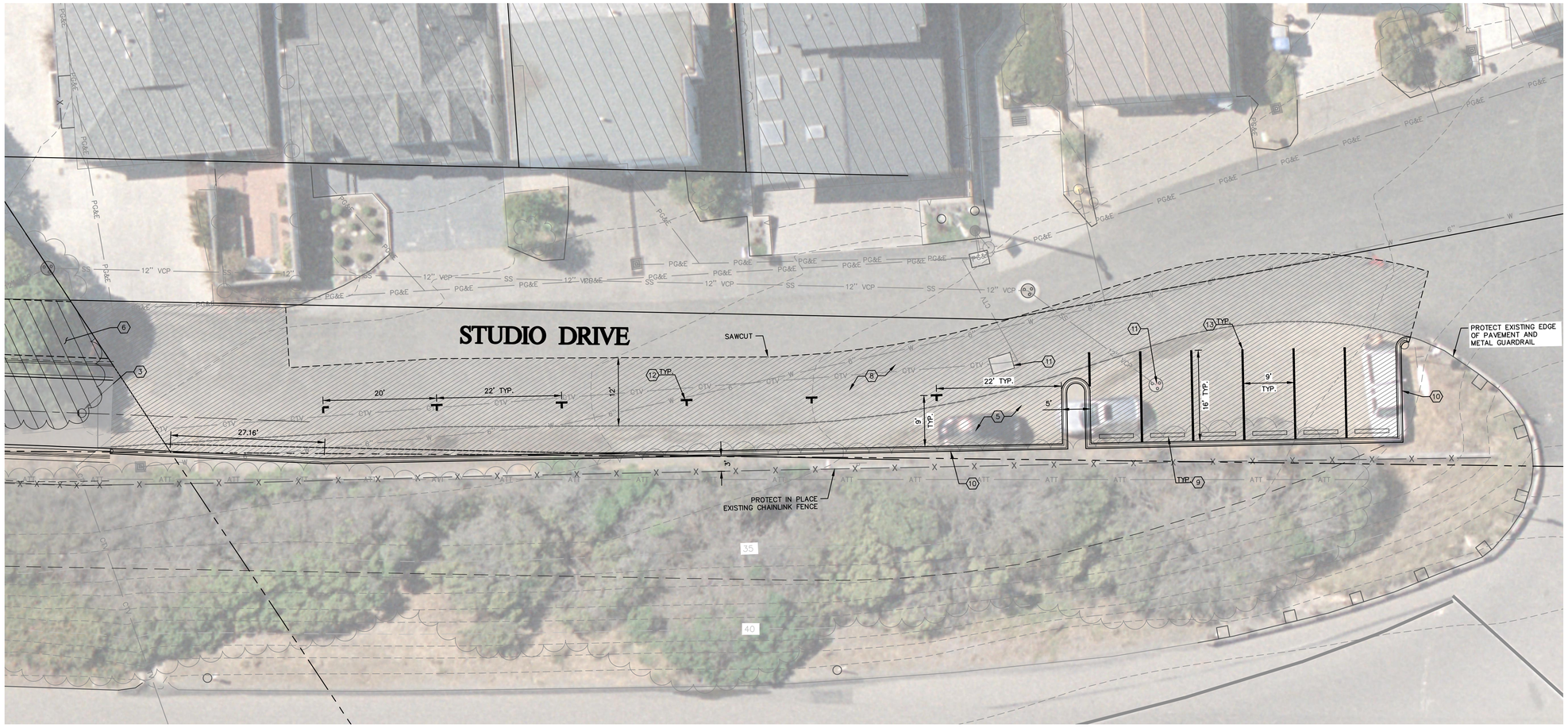

SEE SHEET 9
FOR CONTINUATION

STUDIO DRIVE PARKING IMPROVEMENT PLAN

SCALE: 1"=10'

GENERAL NOTES

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QUANTITIES

1. CLEAR & GRUB = XX SF

CONSTRUCTION NOTES

1. INSTALL HMA MULTI-USE PATH PER TYPICAL SECTIONS, SHEET 2.
3. INSTALL REMOVABLE BOLLARD PER DETAIL 2, SHEET 3.
5. INSTALL 4" OF 1/4" AGGREGATE HMA OVER 6" CLASS II AGGREGATE BASE TO LIMITS SHOWN
8. MILL 1.5-IN OF EXISTING AC AND OVERLAY WITH HMA TO MATCH EXISTING SURFACE TO LIMITS SHOWN
9. INSTALL 6-FT LONG CONCRETE PARKING BUMPER
10. INSTALL CALTRANS TYPE A AC DIKE PER CALTRANS STANDARD DRAWING A87B
11. ADJUST EXISTING UTILITY LID TO MATCH FINISHED SURFACE
12. INSTALL 4" WIDE PARKING "T" STRIPING
13. INSTALL 4" WIDE PARKING STALL STRIPING
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18. INSTALL STOP SIGN (R1-1) AND POST PER MUTCD FIGURE 9B-1

0 10 20
1 INCH = 10 FEET

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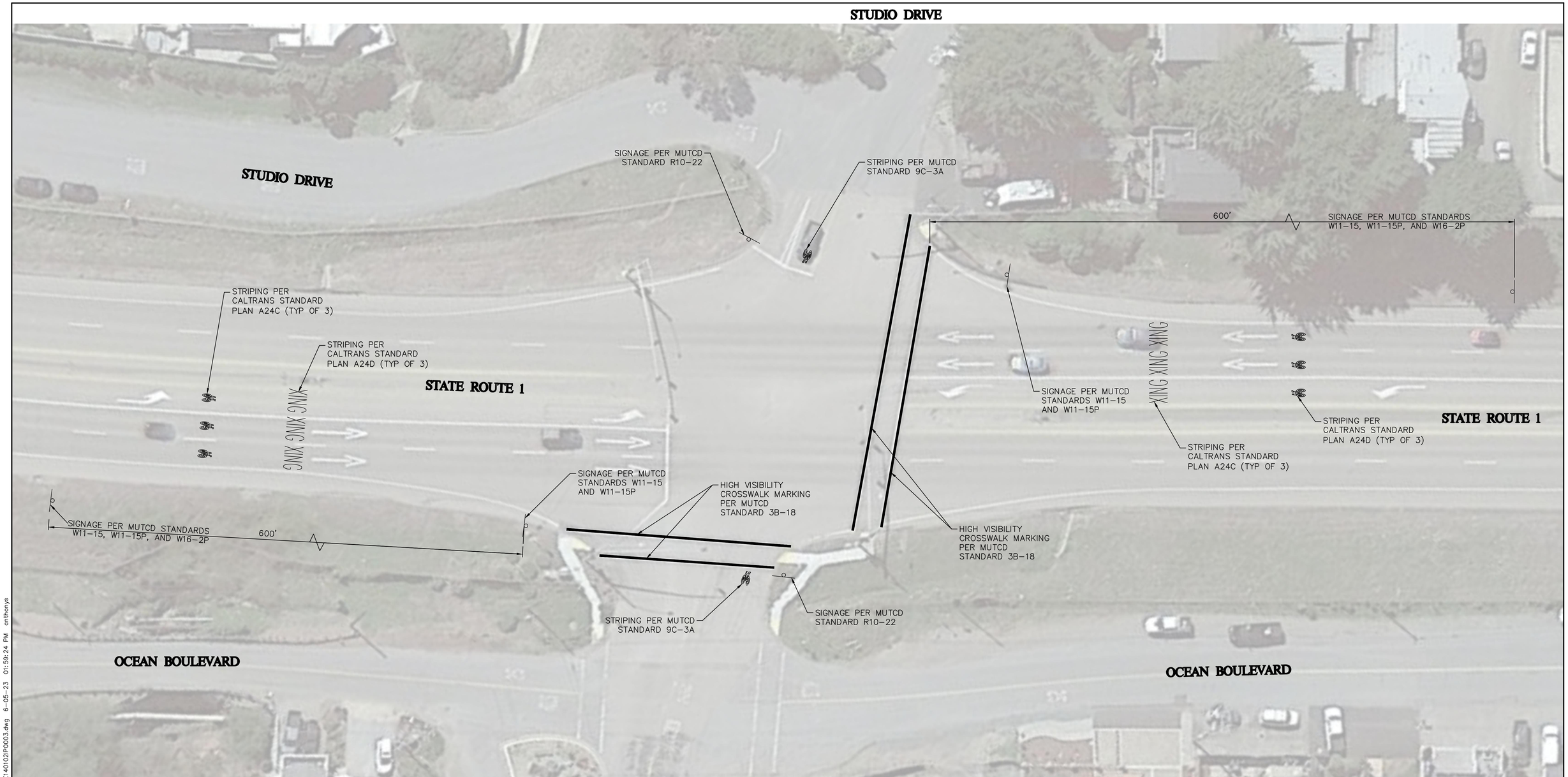
CHECKED BY	SCALE	SHEET
	1" = 10'	13 OF 25

F:\proj\2014\140102\3 Project Design\Civil\Construction Drawings\CE140102PD002.dwg 6-05-23 01:59:15 PM anthonys



PROPOSED HWY 1 AND OLD CREEK ROAD INTERSECTION – PLAN VIEW

SCALE: 1"=20'

0 20 40

1 INCH = 20 FEET
FULL SIZE: 24" x 36"

REV. NO	DATE	REVISED	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE PATH

OLD CREEK ROAD AND HWY 1

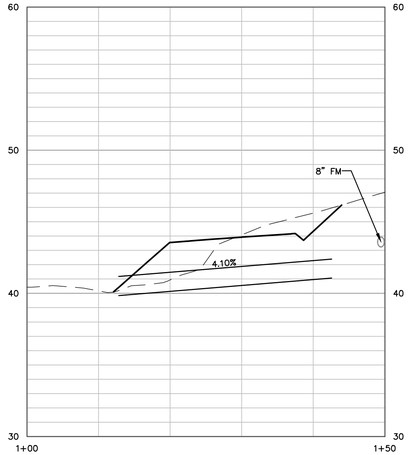
CAYUCOS, CA

DRAWN BY	DATE	CA JOB NO.
FC	05/26/2022	140102
CHECKED BY	SCALE	SHEET
	1" = 20'	14 OF 17

F:\proj\2014\140102\3 Project Design\Civil\Construction Drawings\CE140102IP0003.dwg 6-05-23 01:59:24 PM anthonys

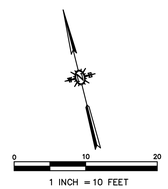
12"ø RCP STORM DRAIN CULVERT – PLAN VIEW

SCALE: 1"=10'



12"ø RCP STORM DRAIN CULVERT – PROFILE VIEW

SCALE: HORIZ 1"=10'; VERT 1"=5'



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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT KAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

REV. NO	DATE	REVISED DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY
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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

STORM DRAIN CULVERT

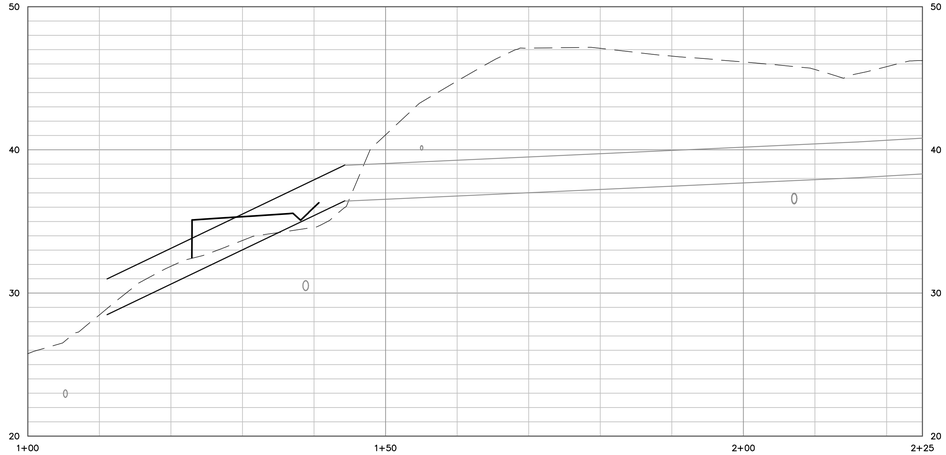
COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE 1" = 10'	SHEET 14 OF 25

F:\proj\2014\140102\3 Project Design\Civil\Construction Drawings\CE140102SD0001.dwg 6-05-23 02:00:10 PM anthonys

24"ø RCP STORM DRAIN CULVERT EXTENSION – PLAN VIEW

SCALE: 1"=10'



24"ø RCP STORM DRAIN CULVERT EXTENSION – PROFILE VIEW

SCALE: HORIZ 1"=10'; VERT 1"=5'

0 10 20

1 INCH = 10 FEET

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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT KAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

STORM DRAIN CULVERT EXTENSION

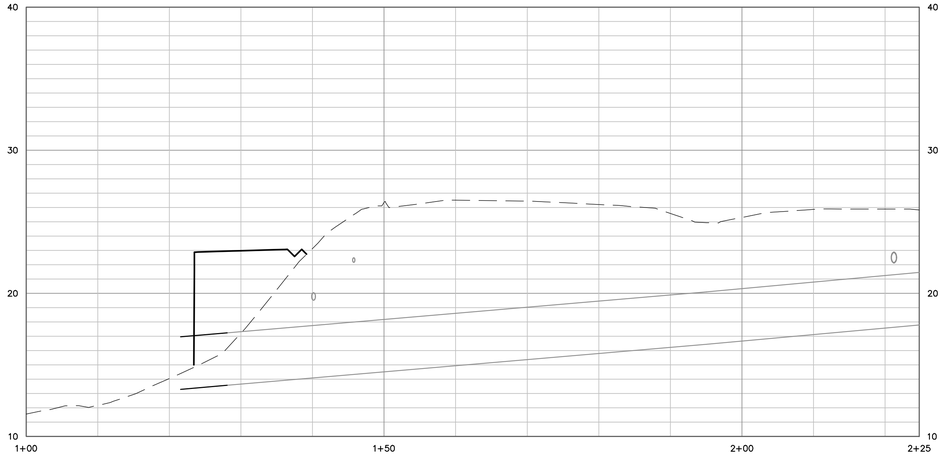
COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE	SHEET
	1" = 10'	15 OF 25

F:\pro\2014\140102\3 Project Design\Civil\Construction Drawings\CE140102SD0001.dwg 6-05-23 02:00:32 PM anthonys

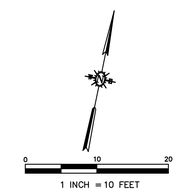
36"ø RCP STORM DRAIN CULVERT EXTENSION – PLAN VIEW

SCALE: 1"=10'



36"ø RCP STORM DRAIN CULVERT EXTENSION – PROFILE VIEW

SCALE: HORIZ 1"=10'; VERT 1"=5'



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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

STORM DRAIN CULVERT EXTENSION

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE 1" = 10'	SHEET 16 OF 25

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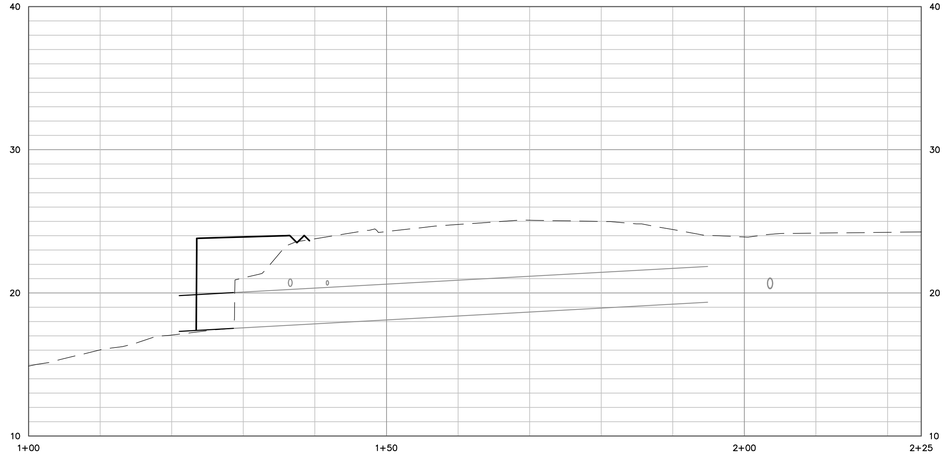
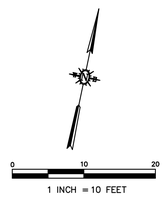
24"ø RCP STORM DRAIN CULVERT EXTENSION – PLAN VIEW

SCALE: 1"=10'



24"ø RCP STORM DRAIN CULVERT EXTENSION – PROFILE VIEW

SCALE: HORIZ 1"=10'; VERT 1"=5'



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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

STORM DRAIN CULVERT EXTENSION

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE 1" = 10'	SHEET 17 OF 25

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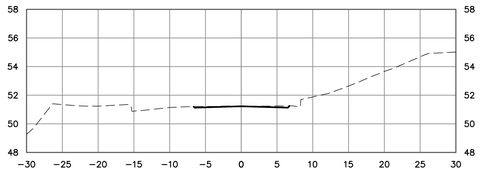
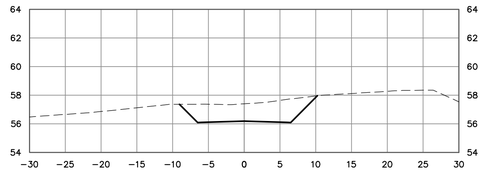


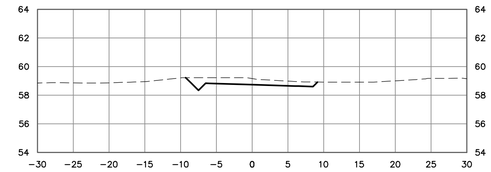
STA: 10+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



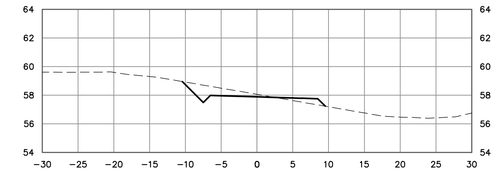
STA: 11+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



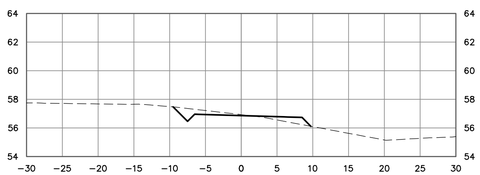
STA: 12+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



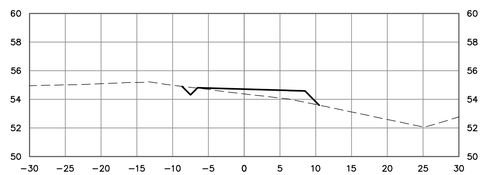
STA: 13+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



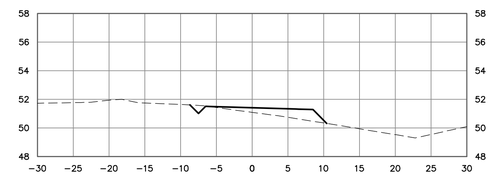
STA: 14+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



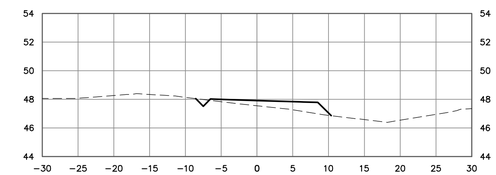
STA: 15+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



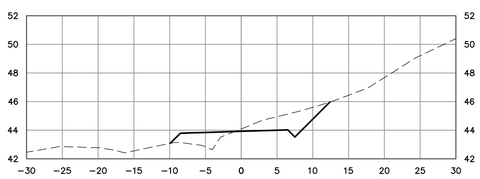
STA: 16+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



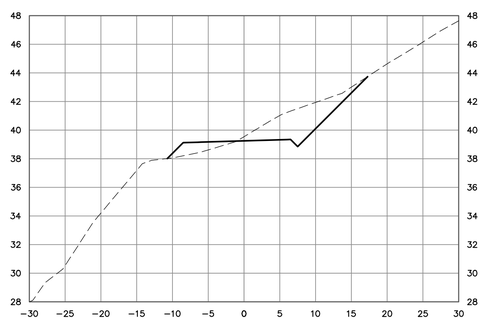
STA: 17+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



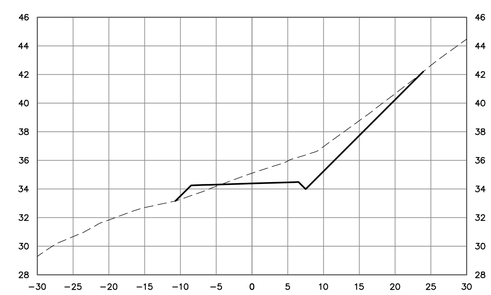
STA: 18+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



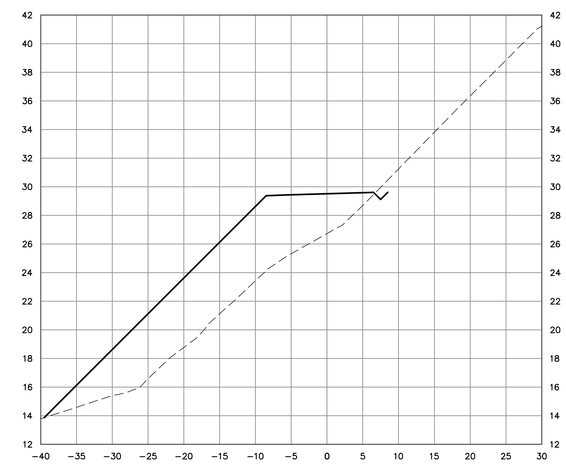
STA: 19+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



STA: 20+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



STA: 21+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'

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NO. 42350
CIVIL
STATE OF CALIFORNIA

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

PATH SECTIONS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE	SHEET
	AS SHOWN	18 OF 25

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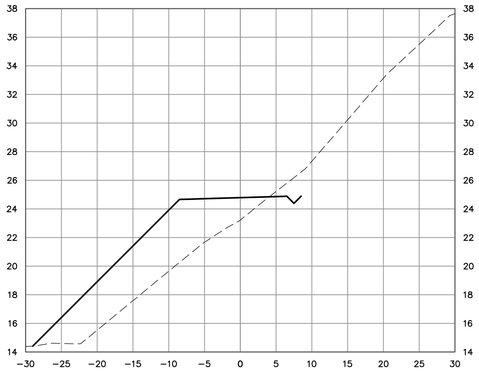
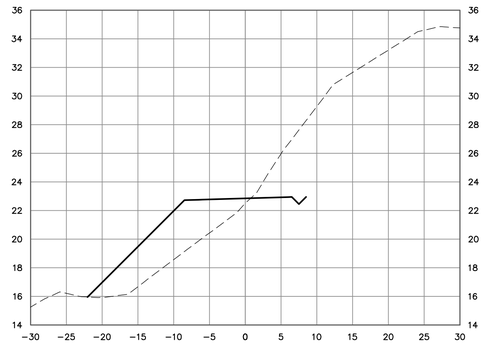


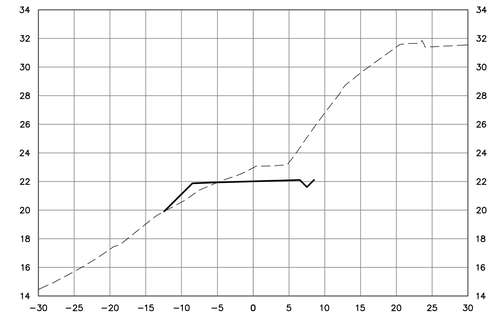
STA: 22+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



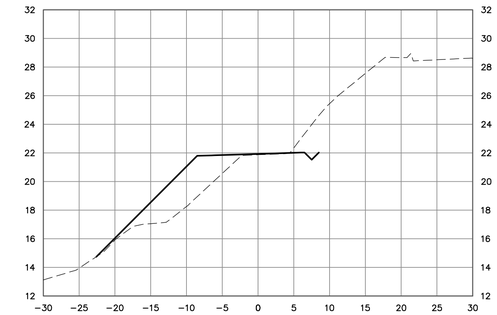
STA: 23+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



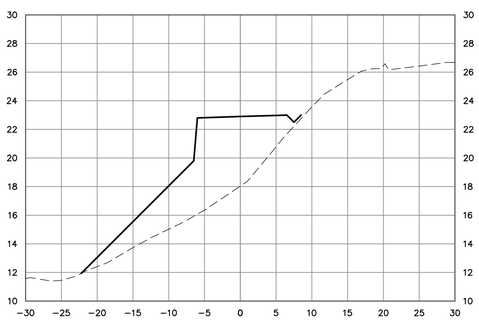
STA: 24+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



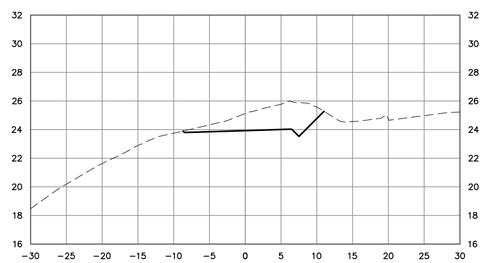
STA: 25+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



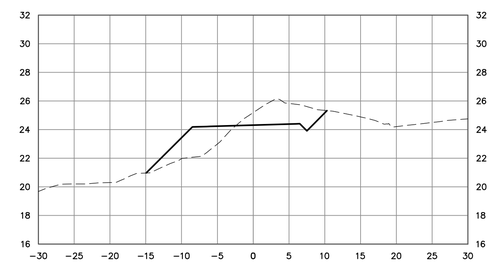
STA: 26+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



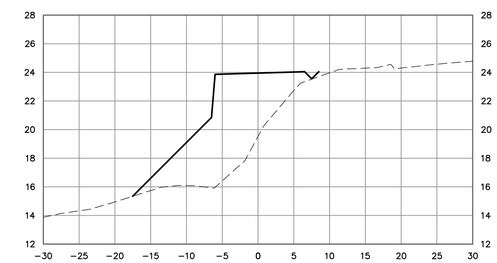
STA: 27+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



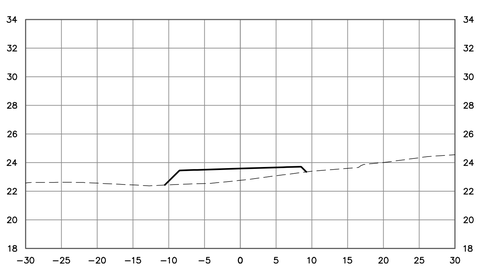
STA: 28+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



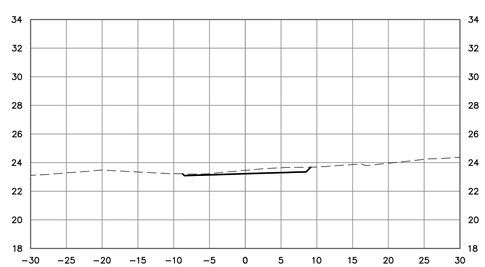
STA: 29+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



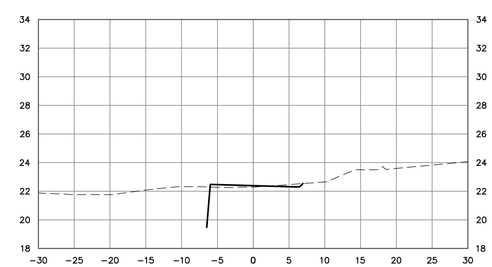
STA: 30+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



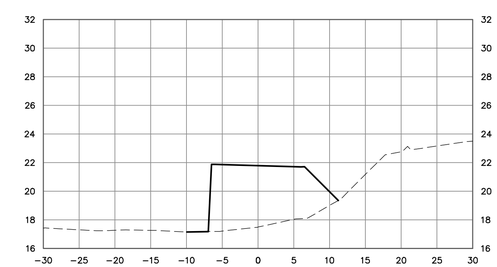
STA: 31+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



STA: 32+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'



STA: 33+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'

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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT KAHN
NO. 42350
CIVIL
STATE OF CALIFORNIA

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B	10/18/22	PRELIMINARY SUBMITTAL FOR CLIENT REVIEW			

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

PATH SECTIONS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

DRAWN BY	DATE	CA JOB NO.
FC/AJS	6/5/2023	140102
CHECKED BY	SCALE	SHEET
	AS SHOWN	19 OF 25

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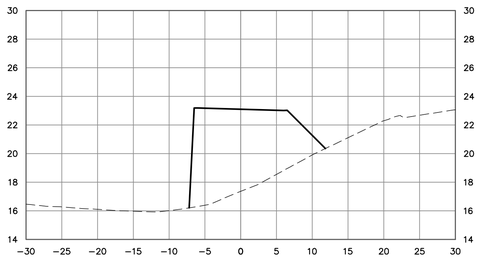

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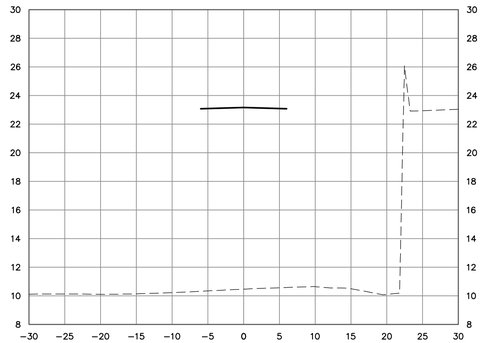

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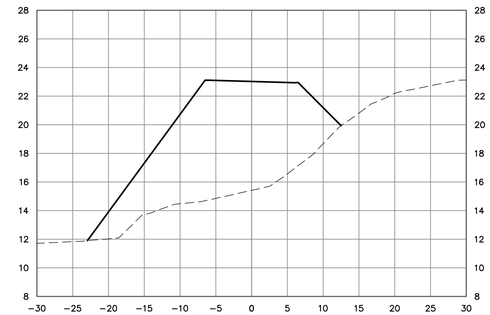

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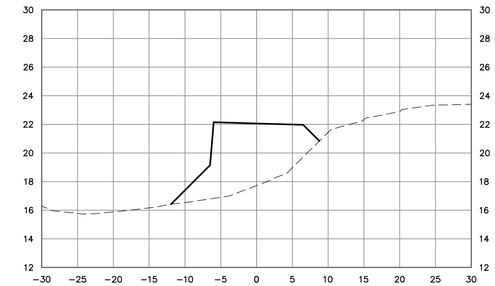

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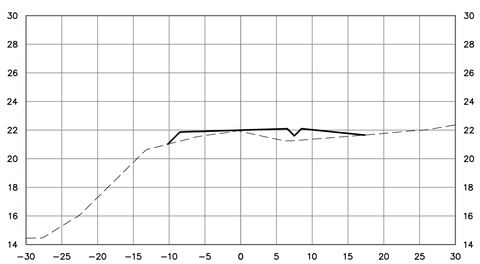

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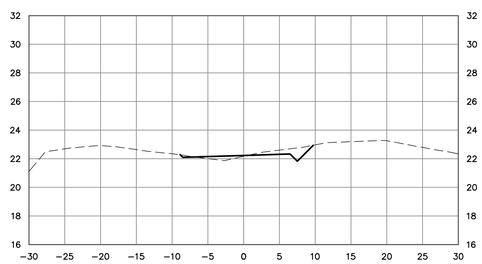

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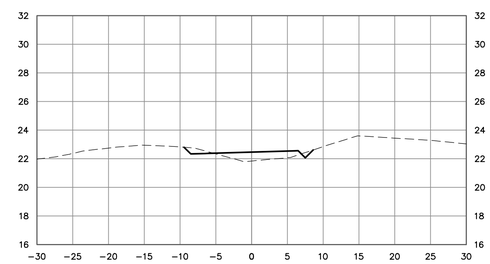

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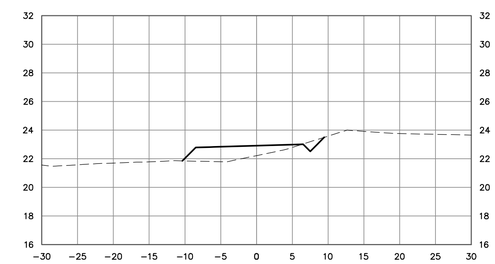

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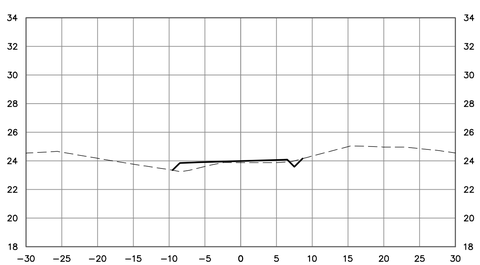

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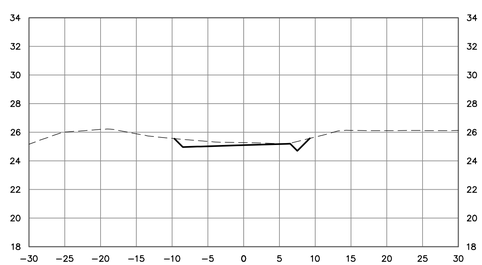

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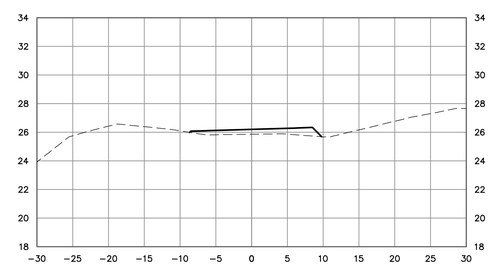

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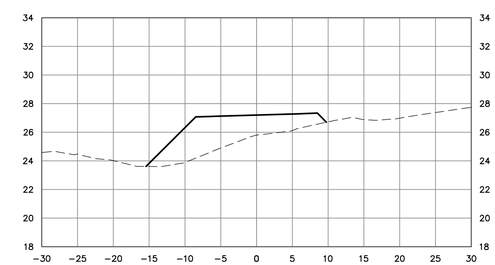

STA: 45+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'

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	AS SHOWN	20 OF 25

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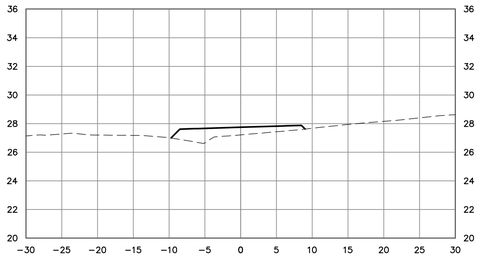

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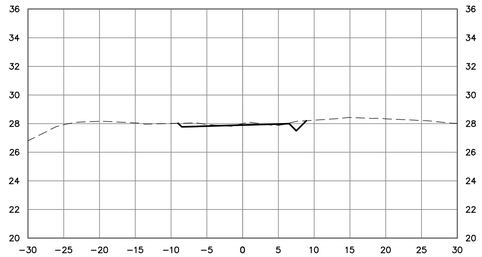

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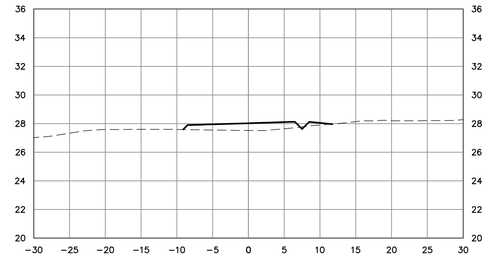

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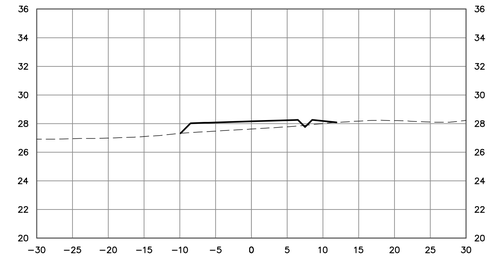

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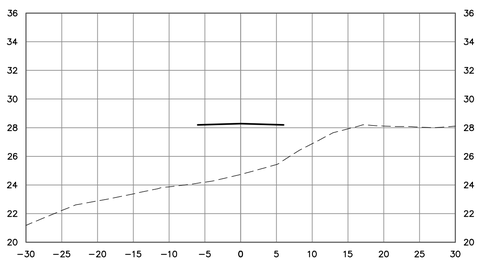

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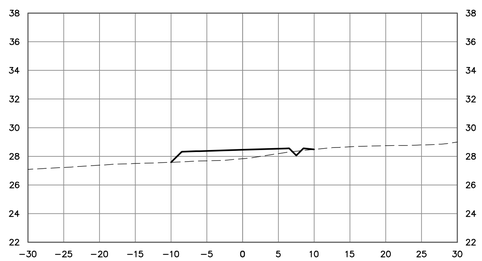

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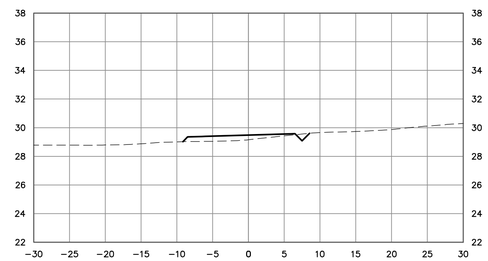

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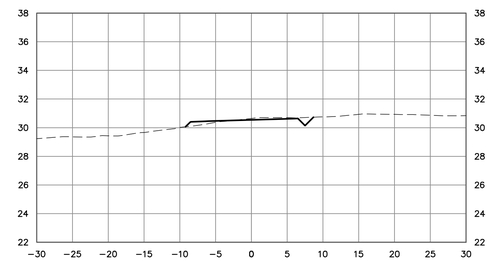

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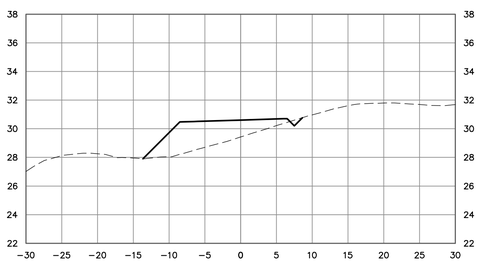

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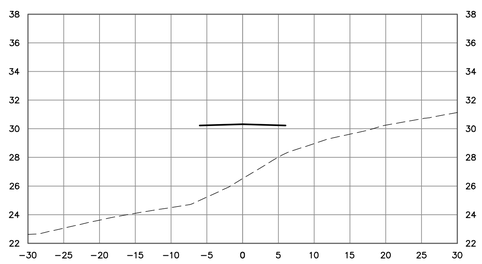

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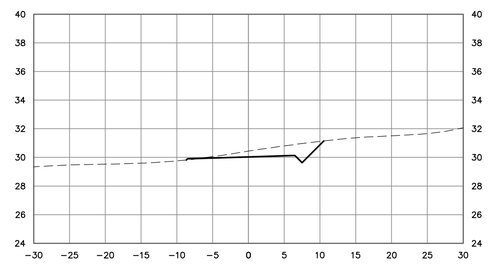

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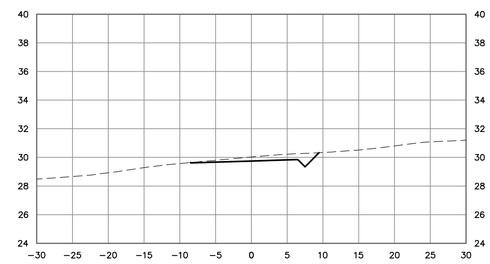

STA: 57+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'

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STEVEN BENNETT HAHN
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MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT
PATH SECTIONS

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	AS SHOWN	21 OF 25

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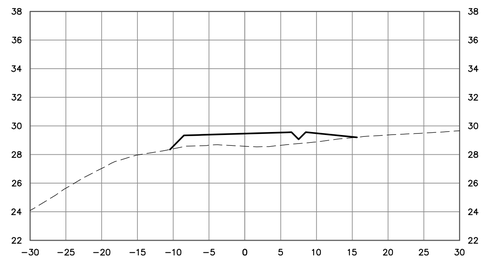

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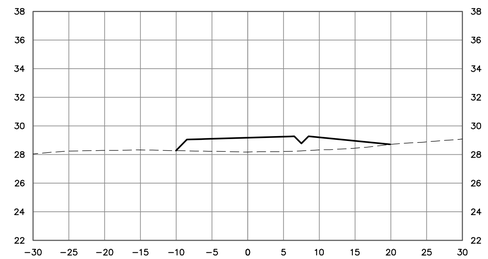

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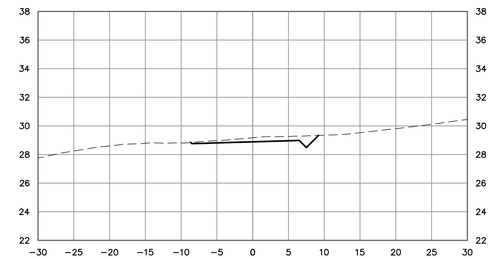

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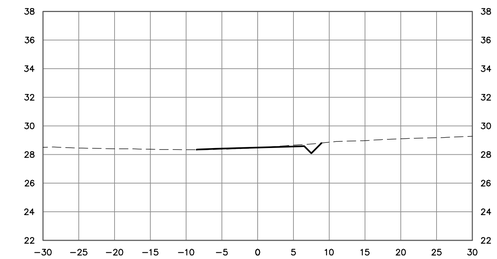

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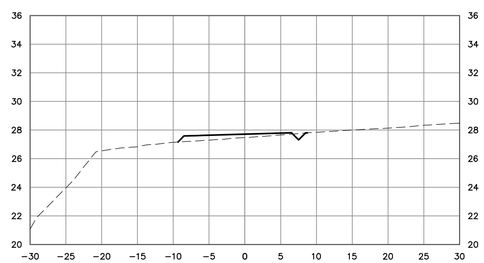

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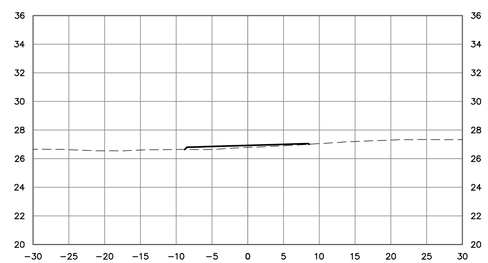

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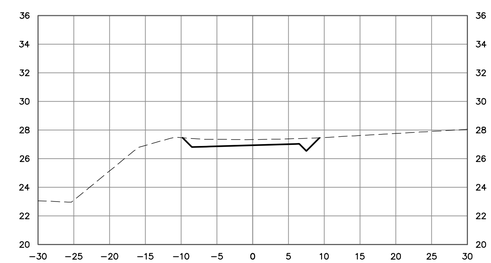

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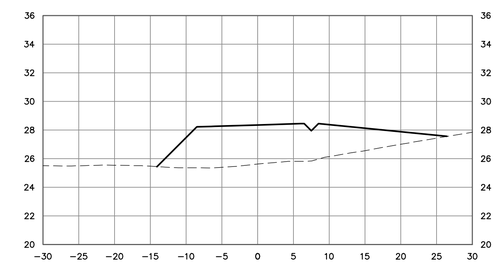

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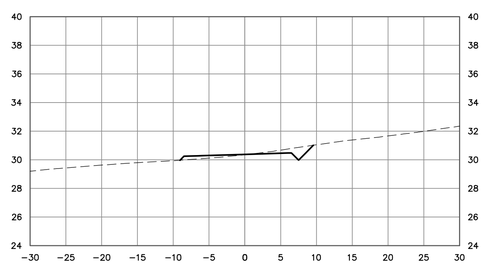

STA: 66+00 – SECTION VIEW

SCALE: HORIZ. 1"=10", VERT. 1"=20'

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STEVEN BENNETT TARIN
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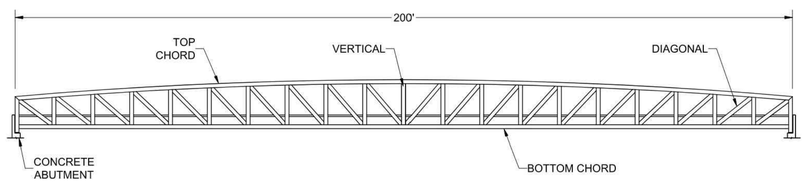
CHECKED BY	SCALE	SHEET
	AS SHOWN	22 OF 25

BRIDGE SUMMARY
Capstone Pedestrian Bridge 200' Span x 12' Width
Deck Type: Concrete
Bridge Finish: Weathering Steel



BRIDGE ELEVATION

DRAFT

The graphic information and details contained in these plans is schematic in nature. The plans, elevations and sections have been developed automatically in a way that demonstrates your current input in a relative and proportional manner. The details included in these plans have been selected to represent commonly built construction assemblies. These are not Engineering drawings, and as such, the details may vary in the final design for your project depending on many variables that are selected in your final scope of work and specifications.

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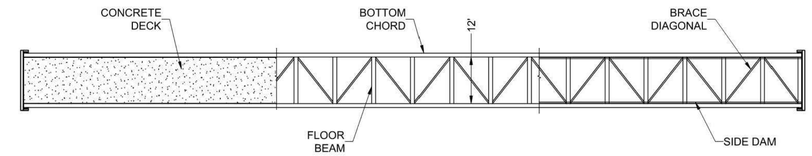
www.contechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CONTINENTAL BRIDGE — CONTECH DYOB® DRAWING

Capstone® 200' Span x 12' Width
Morro Bay to Cayucos Connector Project
Pedestrian Bridge
Morro Bay, California

PROJECT NUMBER	DATE
5274	12/1/2020
DESIGNED: DYOB	DRAWN: DYOB
CHECKED:	APPROVED:
SHEET NO: 1 OF 4	



BRIDGE PLAN

DRAFT

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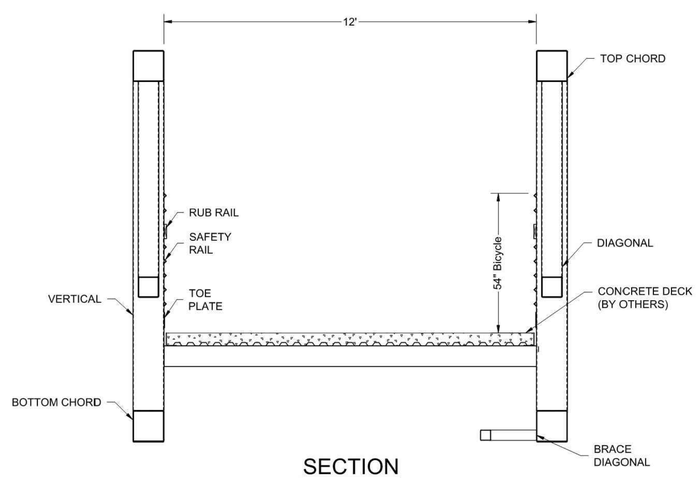
CONTINENTAL BRIDGE — CONTECH DYOB® DRAWING

Capstone® 200' Span x 12' Width
Morro Bay to Cayucos Connector Project
Pedestrian Bridge
Morro Bay, California

PROJECT NUMBER	DATE
5274	12/1/2020
DESIGNED: DYOB	DRAWN: DYOB
CHECKED:	APPROVED:
SHEET NO: 2 OF 4	



SECTION

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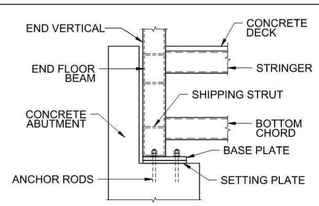
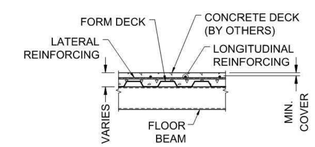
Pedestrian Bridge
Morro Bay, California

PROJECT NUMBER	DATE
5274	12/1/2020
DESIGNED: DYOB	DRAWN: DYOB
CHECKED:	APPROVED:
SHEET NO: 3 OF 4	



BEARING SIDE VIEW

INFORMATION PROVIDED FOR REPRESENTATION ONLY.
ACTUAL BEARING DIAGRAMS TO BE BASED ON FINAL DESIGN.



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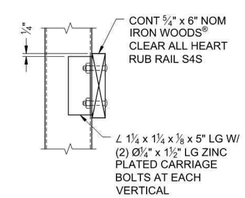
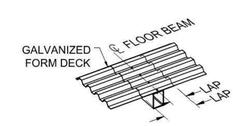


RUB RAIL DETAIL



FORM DECK DETAIL

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Morro Bay to Cayucos Connector Project
Pedestrian Bridge
Morro Bay, California

PROJECT NUMBER	DATE
5274	12/1/2020
DESIGNED: DYOB	DRAWN: DYOB
CHECKED:	APPROVED:
SHEET NO: 4 OF 4	

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REGISTERED PROFESSIONAL ENGINEER — STEVEN BENNETT KAHN — NO. 42350 — CIVIL — STATE OF CALIFORNIA

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B	10/18/22	PRELIMINARY SUBMITTAL FOR CLIENT REVIEW			

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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

BRIDGE DETAILS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

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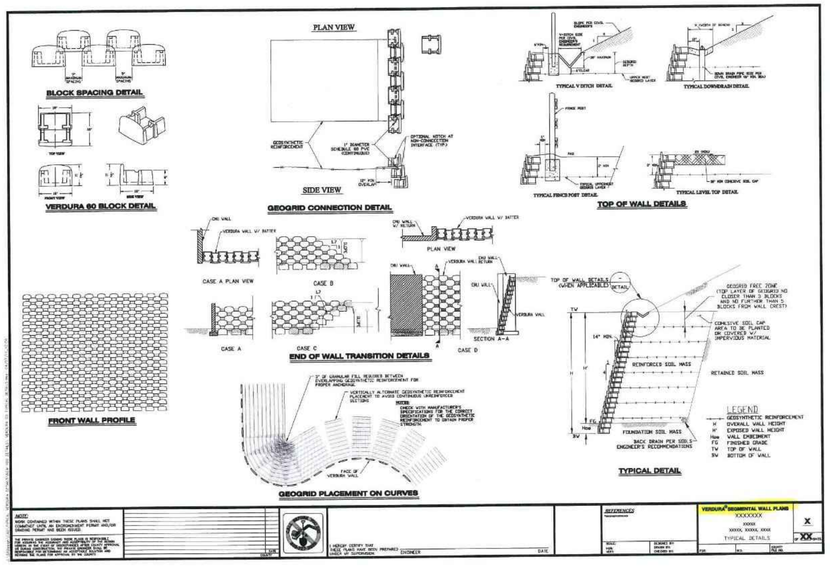

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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT TAYLOR
NO. 42350
CIVIL
STATE OF CALIFORNIA

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WALL DETAILS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

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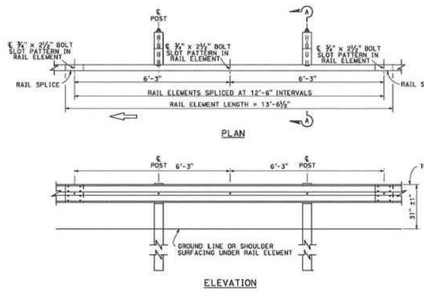
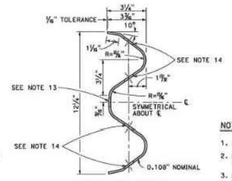


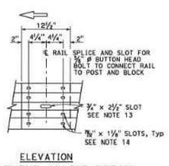
MIDWEST GUARDRAIL SYSTEM WITH WOOD POST AND BLOCKS



SECTION THRU RAIL ELEMENT

NOTES:

1. For details of steel post installations, see Standard Plan A77L2.
2. For details of standard hardware used to construct MGS, see Standard Plan A77M1.
3. For details of wood posts and wood blocks used to construct MGS, see Standard Plan A77N1.
4. For additional installation details, see Standard Plan A77N3.
5. MGS post spacing to be 6'-3" center to center, except as otherwise noted.
6. For MGS typical layouts, see the A77P, A77Q and A77R Series of Standard Plans.
7. If railing is connected to terminal system and treatment, use 31" height terminal system end treatment.
8. For MGS and anchor details, see Standard Plans A77S1 and A77T2.
9. For details of MGS transition to bridge railing, see Standard Plan A77U4.
10. For additional details of MGS connection to bridge railing, see Standard Plans A77U1, A77U2 and A77V1.
11. For MGS connection details to abutments and walls, see Standard Plan A77U3.
12. For typical MGS delineation and dike positioning details, see Standard Plan A77W4.
13. Slotted hole for bolted connection of rail element to block and post.
14. Slotted holes for splice bolts to overlap ends of rail element.
15. Additional hole in uppermost portion of line post is for potential future adjustments of railing height. See Standard Plan A77N1.
16. 6" x 12" x 1'-2" block must be used with 6" dike.



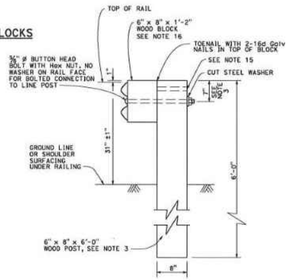
ELEVATION

RAIL ELEMENT SPLICE DETAIL

a) Connect the overlapped end of the rail elements with ⅝" ø x 1⅛" button head oval shoulder splice bolts inserted into the ⅝" x 1⅛" slots and bolted together with ⅝" ø recessed hex nuts. Recess of hex nut points toward rail element. A total of 8 bolts and nuts are to be used at each rail splice connection.

b) The ends of the rail elements are to be overlapped in the direction of traffic (see details).

c) Where end cap is to be attached to the end of a rail element, a total of 4 of the above described splice bolts and nuts are to be used.



SECTION A-A

TYPICAL WOOD LINE POST INSTALLATION

See Note 4

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Randall D. Hiatt
REGISTERED CIVIL ENGINEER

May 31, 2018
PLANS APPROVAL DATE

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Robert A. Vidal
No. C50289
Exp. 6-30-18
CIVIL
STATE OF CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

MIDWEST GUARDRAIL SYSTEM STANDARD RAILING SECTION (WOOD POST WITH WOOD BLOCK)

NO SCALE

A77L1

2018 STANDARD PLAN A77L1

57

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REGISTERED PROFESSIONAL ENGINEER
STEVEN BENNETT TAYLOR
NO. 42350
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COUNTY OF SAN LUIS OBISPO
MORRO BAY TO CAYUCOS MULTI-USE TRAIL GAP CLOSURE PROJECT

AGENCY STANDARD DETAILS

COUNTY OF SAN LUIS OBISPO, CALIFORNIA

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