

LOCATION MAP 22 FREEWAY PROJECT SITE SOLIMATIVE SOLIMATIVE BLVD. N.T.S WESTMINSTER BLVD.

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 13TH DAY OF DECEMBER, 2021.

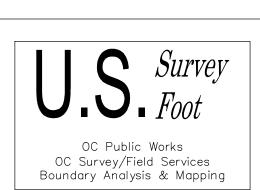
JESOM MORENO, PLS. SENIOR LAND SURVEYOR

DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 13TH DAY OF DECEMBER, 2021.

WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR





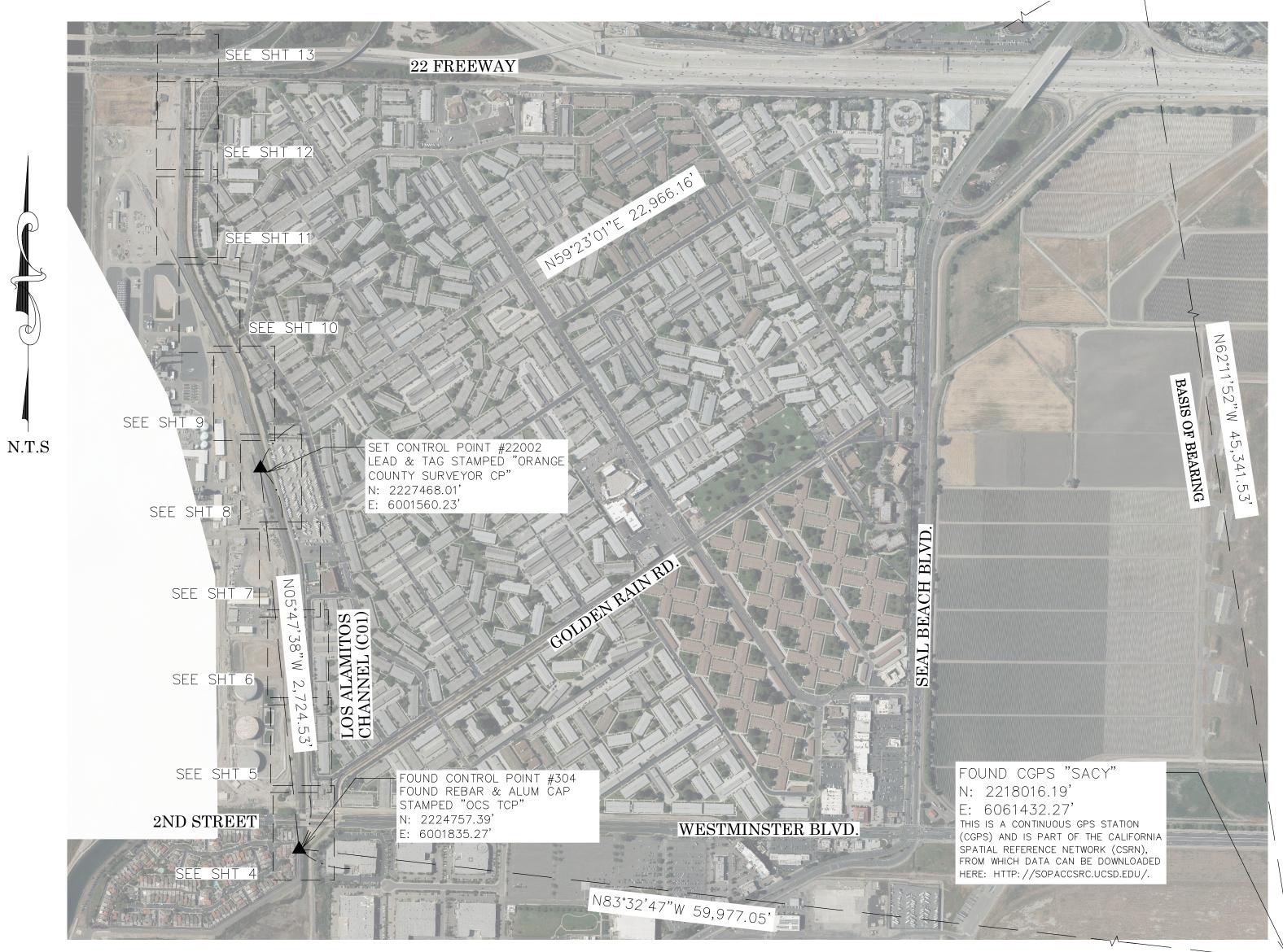
OC PUBLIC WORKS DEPARTMENT

JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
LOS ALAMITOS CHANNEL (C01)

EARTHEN SLOPE IMPROVEMENTS

FOUND CGPS "BLSA"

N: 2239164.39'
E: 6021324.82'
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN), FROM WHICH DATA CAN BE DOWNLOADED HERE: HTTP://SOPACCSRC.UCSD.EDU/.





THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (BLSA) AND (SACY) BEING NORTH 62°11'52" WEST AS DERIVED FROM THE COORDINATES PUBLISHED ETHE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTE (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00001225.

THIS COMBINATION FACTOR WAS DERIVED BY HOLDING POINT #22002 N: 2227468.01, E: 6001560.23, EL: 8.64'

ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 1C-138-04 ELEV. = 10.463' YEAR LEVELED: 2005

NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

DESCRIPTION: DESCRIBED BY OCS 2005 - FOUND 3 3\4" OCS ALUMINUM BENCHMARK DISK STAMPED "1C-138-04", SET IN THE NORTHERLY CORNER OF A HEADWALL FOR AN R.C.B. UNDER SIDEWALK. MONUMENT IS LOCATED IN THE NORTHEASTERLY CORNER OF THE INTERSECTION OF WESTMINSTER AVENUE AND SEAL BEACH BOULEVARD, 65 FT. NORTHERLY OF THE CENTERLINE OF WESTMINSTER AND 58 FT. EASTERLY OF THE CENTERLINE OF SEAL BEACH BOULEVARD. MONUMENT IS SET LEVEL WITH THE SIDEWALK.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.

SHEET INDEX

SHEET NO. DESCRIPTION
SHEET 1 TITLE SHEET
SHEET 2-3 BOUNDARY MAP
SHEET 4-13 TOPOGRAPHIC MAP
SHEET 14-23 CROSS-SECTIONS

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PORTION OF THE LOS ALAMITOS CHANNEL

BASIS OF STATIONING

STATIONING IS BASED ON AS-BUILT PLAN DRAWING "C01-701-1A" HOLDING STATION 58+24.66 AT THE INTERSECTION OF LOS ALAMITOS CHANNEL CONSTRUCTION CENTERLINE AND SOUTH LINE OF SECTION 1 T5S R12W SBM.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAP					
			LOS A	LAMITO	AMITOS CHANNEL (C01)			
			EAR	THEN SLOP	OPE IMPROVEMENTS			
			TITLE SHEET					
			PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM)					
			TO GARDEN GROVE	FREEWAY (UPSTREAM)			
			DATE OF SURVEY:1	2/24/2020	BY: J. JOHNS	SHEET NC		
			MAPPING		BY: A. VU / H. AFTIM	SIILLI INC		
			OFFICE CHECK		BY: J. MORENO, PLS	1		
RΚ	DATE	ITEM	FIELD CHECK		BY: J. JOHNS	of		
DEMISIONIS		DEVISIONS	SCALE: NTS	W.O. #EF20403P	FILE #2021PW-PR0001] 2		
REVISIONS			FILE-LOS ALAMITOS	CHANNEL (CO1) TO	ANNEL (CO1) TOPO 2021 DWG			

TOPOGRAPHIC MAPPING PROJECT



ESTABLISHMENT NOTES

- ESTABLISHED THE BOUNDARY LINE BETWEEN THE COUNTIES OF LOS ANGLES AND ORANGE BY HOLDING A LINE BETWEEN MONUMENTS 1,2,3,4 AND
- ESTABLISHED THE CENTERLINE OF LOS ALAMITOS BLVD BY HOLDING A LINE BETWEEN MONUMENTS [7] AND [8]
- ESTABLISHED THE NE CORNER OF SEC 1, T5S, R12W BY HOLDING RECORD DISTANCE OF 707.58' PER (R11) FROM MONUMENT 8 NORTHERLY ALONG PROLONGATION OF LINE ESTABLISHMENT B
- ESTABLISHED THE INTERSECTION OF THE COUNTY LINE AND N'LY LINE OF SECTION 2, T5S, R12WBY PRORATION BETWEEN MONUMENTS 4 AND 5 PER (R3)
- ESTABLISHED THE CENTERLINE OF GARDEN GROVE FWY BY HOLDING A LINE BETWEEN ESTABLISHMENTS (2) AND (3)
- ESTABLISHED THE NW CORNER OF SECTION 1, T5S, R12W BY HOLDING RECORD DISTANCE OF 710.71' PER (R2) FROM ESTABLISHMENT DE'LY ALONG ESTABLISHMENT NOTE E
- © ESTABLISHED THE CENTERLINE OF WESTMINSTER BLVD BY HOLDING A LINE BETWEEN MONUMENTS 6 AND 7
- ESTABLISHED THE INTERSECTION OF COUNTY LINE AND WESTMINSTER BLVD CENTERLINE BY INTERSECTION HOLDING W'LY PROLONGATION OF LINE ESTABLISHMENT (A)
- ESTABLISHED THE SW CORNER OF SECTION 1, T5S, R12W BY HOLDING RECORD DISTANCE OF 932.65' PER (R12) FROM ESTABLISHMENT NOTE W'LY ALONG LINE ESTABLISHMENT ©
- ESTABLISHED THE W 1/4 CORNER OF SECTION 1 BY LEAST SQUARE ADJUSTMENT BETWEEN ESTABLISHMENT NOTES (F) AND (1) PER (R2)
- ESTABLISHED THE W'LY LINE OF SW 1/4 OF SECTION 1, T5S, R12W BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (1) AND (1)
- ESTABLISHED THE W'LY LINE OF NW 1/4 OF SECTION 1, T5S, R12W BY
- HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (F) AND (J)

 ESTABLISHED THE ANGLE POINT ON W'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY INTERSECTION HOLDING LINE ESTABLISHMENTS (A) AND (L)
- (N) ESTABLISHED THE W'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY
- HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (F) AND (M)
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE PARALLEL WITH AND RECORD DISTANCE OF 100' PER (R1) E'LY FROM LINE ESTABLISHMENT
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE PARALLEL WITH AND RECORD DISTANCE OF 100' PER (R1) E'LY FROM LINE ESTABLISHMENT (N)
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING RECORD RADIUS PER (R1) AND TANGENT TO LINE ESTABLISHMENTS PAND
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE PARALLEL WITH AND RECORD DISTANCE OF 100' PER (R1) E'LY FROM LINE ESTABLISHMENT (A)
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING RECORD RADIUS PER (R1) AND TANGENT TO LINE ESTABLISHMENTS OF AND R
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE PARALLEL WITH AND RECORD DISTANCE OF 100' PER (R1) E'LY FROM LINE ESTABLISHMENT (A)
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING RECORD RADIUS PER (R1) AND TANGENT TO LINE ESTABLISHMENTS
- ESTABLISHED THE ANGLE POINT ON E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING RECORD DISTANCE OF 1689.20' PER (R1) FROM THE SOUTHERLY TERMINUS OF LINE ESTABLISHMENT (T) ALONG LINE ESTABLISHMENT (T)
- ESTABLISHED THE PORTION OF E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING RECORD ANGLE AND DISTANCE PER (R1) AT ESTABLISHMENT NOTE FROM LINE ESTABLISHMENT TO
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE PARALLEL WITH AND RECORD DISTANCE OF 110' PER (R1) E'LY OF LINE ESTABLISHMENT AT THE E'LY TERMINUS OF LINE ESTABLISHMENT W
- ESTABLISHED THE INTERSECTION OF E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) WITH CENTERLINE OF WESTMINSTER BY INTERSECTION HOLDING LINE ESTABLISHMENTS AND
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING RECORD DISTANCE OF 58.85' PER (R1) FROM ESTABLISHMENT NOTE ALONG S'LY PROLONGATION OF LINE ESTABLISHMENT
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE BETWEEN MONUMENT 9 AND S'LY TERMINUS OF LINE ESTABLISHMENT 2
- ESTABLISHED THE ANGLE POINT ON E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY DISTANCE DISTANCE INTERSECTION METHOD HOLDING RECORD DISTANCE OF 75.00' PER (R6) FROM MONUMENT 9 AND RECORD DISTANCE OF 102.71' PER (R6) FROM MONUMENT 11
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE BETWEEN MONUMENT 9 AND ESTABLISHMENT NOTE (R)
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE BETWEEN MONUMENT 10 AND ESTABLISHMENT NOTE (AB)
- ESTABLISHED THE E'LY LINE OF THE LOS ALAMITOS CHANNEL PER (R1) BY HOLDING A LINE BETWEEN MONUMENTS [11] AND [12]

MONUMENT NOTES

APOLLO DR. PER (R6)

- 1 FOUND 6" IRON PIPE & 5" IRON CAP, WITH RAISED "2" IN WELL MONUMENT PER (R4), DOWN 3.5', ACCEPTED AS ANGLE POINT ON THE BOUNDARY LINE BETWEEN THE COUNTIES OF LOS ANGLES AND ORANGE
- 2 FOUND 6" IRON PIPE & PUNCHED 5" IRON CAP, WITH RAISED "3" PER (R4), DOWN 0.5' IN DIRT, ACCEPTED AS ANGLE POINT ON THE BOUNDARY LINE BETWEEN THE COUNTIES OF LOS ANGLES AND ORANGE
- 3 FOUND MONUMENT WELL WITH 2 1/2" BRASS DISK, STAMPED "RE 11915 COUNTY ENGINEER LA CO OR CO STA 4 NOV92" PER (R4), DOWN 1.5', ACCEPTED AS ANGLE POINT ON THE BOUNDARY LINE BETWEEN THE COUNTIES OF LOS ANGLES AND ORANGE
- 4 FOUND 2 1/2" BRASS DISK IN CONCRETE STAMPED "RE 11915 COUNTY ENGINEER LA CO OR CO STA 5 NOV92" PER (R4), DOWN 1' IN DIRT, ACCEPTED AS ANGLE POINT ON THE BOUNDARY LINE BETWEEN THE COUNTIES OF LOS ANGLES AND ORANGE
- 5 FOUND 2 1/2" BRASS DISK IN CONCRETE STAMPED "LA COUNTY ENGINEER STA 6 RE 5869" DOWN 1.6' IN DIRT PER (R4), ACCEPTED AS ANGLE POINT ON THE BOUNDARY LINE BETWEEN THE COUNTIES OF LOS ANGLES AND ORANGE
- 6 FOUND GEAR SPIKE & 1-1/2" TAG STAMPED "LS 5411" FLUSH IN CONCRETE ASPHALT PER (R8), ACCEPTED AS THE CENTERLINE INTERSECTION OF WESTMINSTER BLVD AND
- 7 FOUND HEX BAR IN WELL MONUMENT PER (R9), DOWN 2' IN AC, ACCEPTED AS CENTERLINE INTERSECTION OF SEAL BEACH BLVD AND WESTMINSTER BLVD
- 8 FOUND SPIKE WITH 1 1/2" ILLEGIBLE TAG, IN LIEU OF SPIKE AND WASHER "LS 3997" PER (R11), DOWN 0.3' IN A.C. ACCEPTED AS A PONT ON CENTERLINE OF BAY BLVD (LOS ALAMITOS BLVD) PER (R5)
- 9 FOUND LEAD & TACK ON CONCRETE FOOTING OF FENCE POST PER (R6), ACCEPTED AS AN ANGLE POINT ON THE WESTERLY LINE OF LOT "A" PER (R6)
- 10 FOUND 2" IRON PIPE & 3/4 BRASS TAG STAMPED "LS 2488" PER (R7), DOWN 0.2' IN DIRT, S88°19'27"W 1.01' FROM ESTABLISHED NOTE (AB)
- 11 FOUND LEAD & TACK ON CONCRETE FOOTING OF FENCE POST PER (R12), ACCEPTED AS AN ANGLE POINT ON THE NW'LY LINE OF LOT "3" PER (R6)
- FOUND 2" IRON PIPE AND 3/4" BRASS TAG STAMPED "LS 2383" PER (R12), DOWN 0.2' IN DIRT, ACCEPTED AS AN ANGLE POINT ON THE NW'LY LINE OF LOT "3" PER (R6)

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (BLSA) AND (SACY) BEING NORTH 62°11'52" WEST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

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ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.00001225.

COMBINATION FACTOR WAS HELD AT POINT NUMBER 22002 N: 2227468.01', E: 6001560.23', ELEVATION= 8.64'

RECORD DISTANCES SHOWN HEREON ARE AS THEY APPEAR ON THE DOCUMENT OF RECORD. DISTANCES MAY BE EITHER GRID OR GROUND, AS PER SAID RECORD.

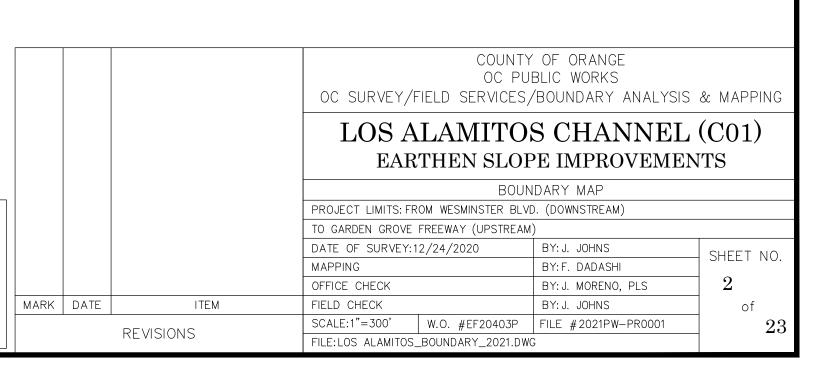
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

NOTES

STREET R/W SHOWN IN BOLD ESTABLISHED BY SURVEY.
THE LOT LINES ARE FOR GRAPHICAL PRESENTATION ONLY.

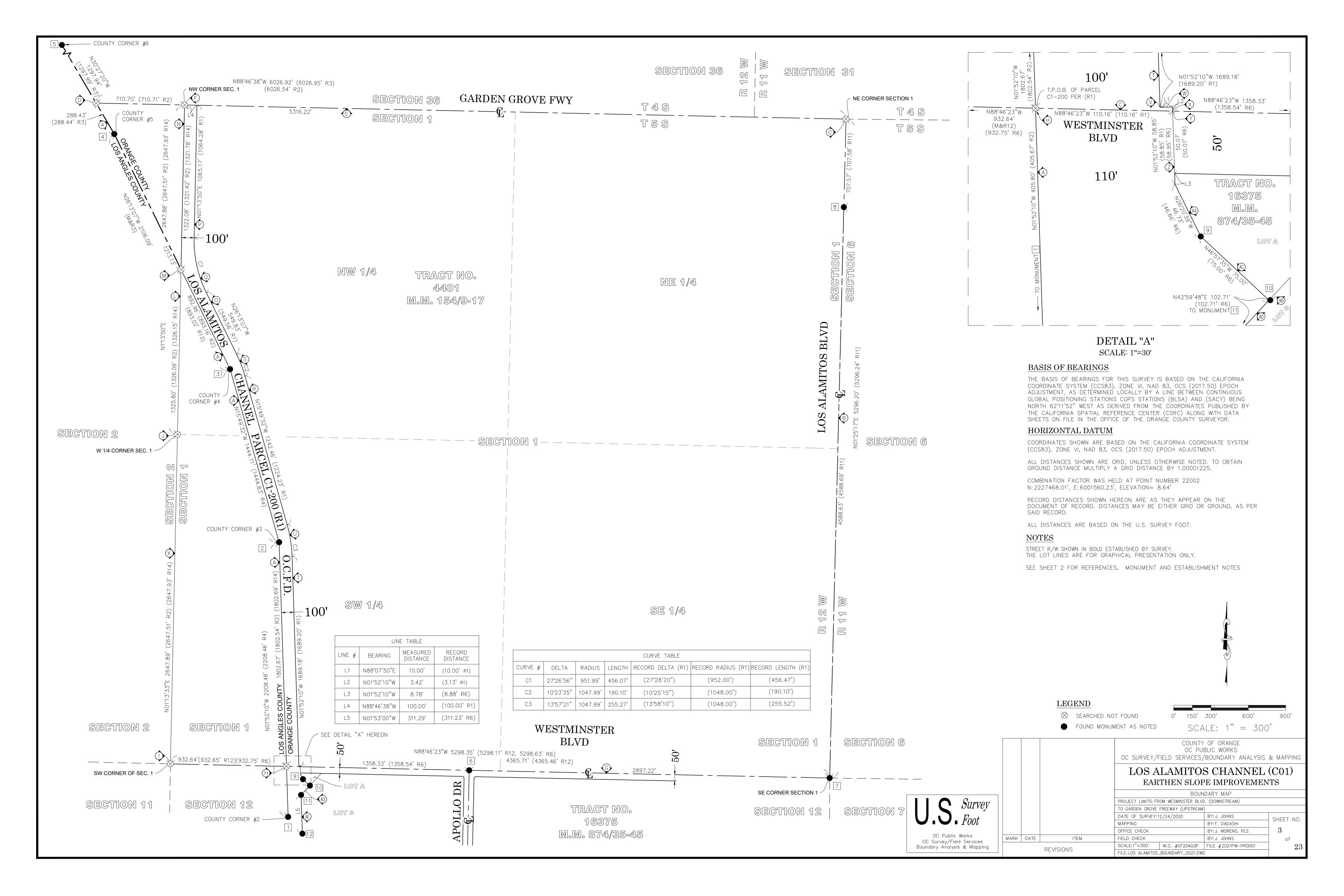
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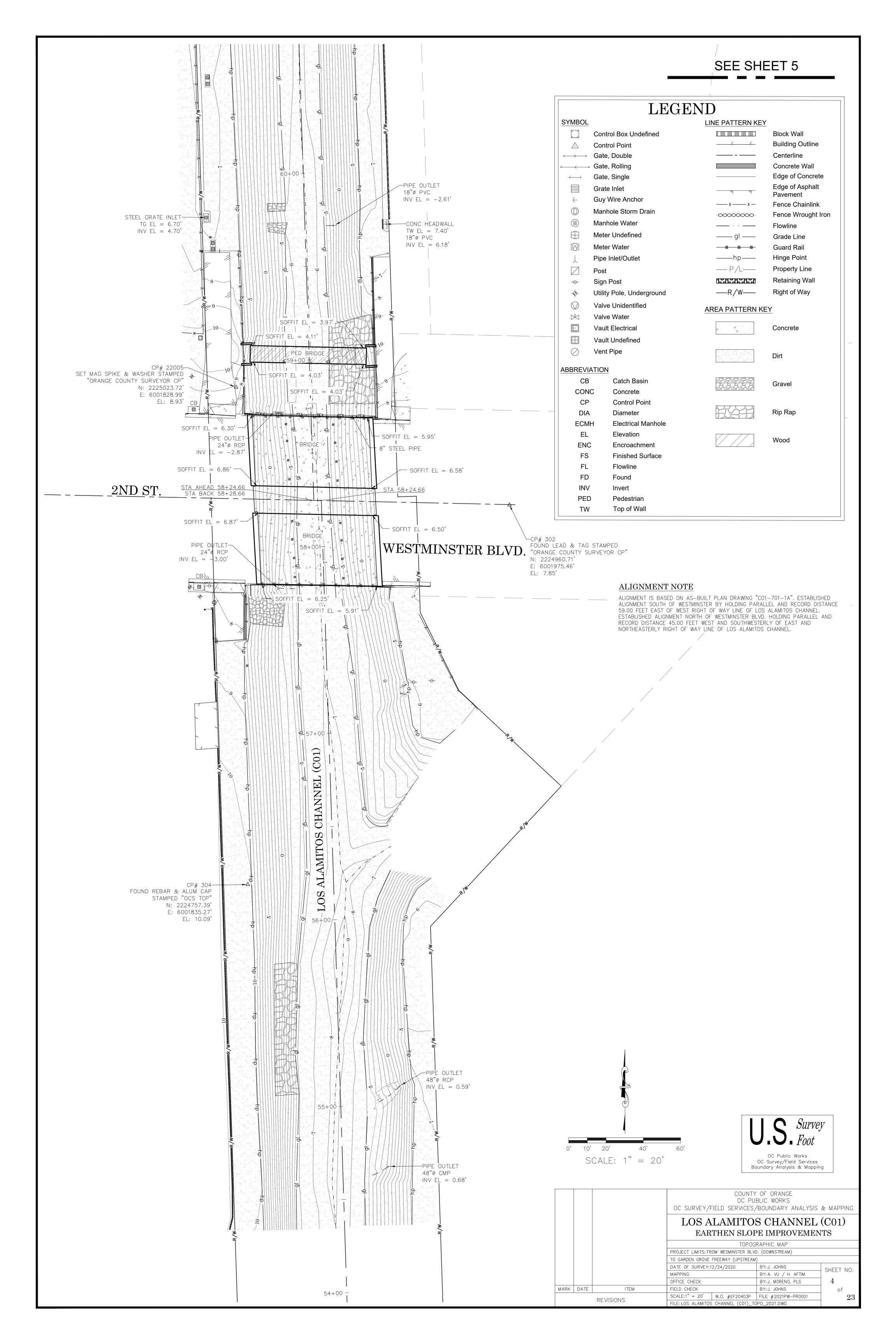
- (R1) = GRANT DEED, O.R. 5609/51
- (R2) = TRACT NO. 4242, M.M. 179/35-38
- (R3) = RECORD OF SURVEY NO. 2009-1076, R.S.B. 286/1-40
- (R4) = RECORD OF SURVEY NO. 92-1117, R.S.B 156/32-44
- (R5) = PARCEL MAP, P.M.B. 15/3
- (R6) = TRACT NO. 16375, M.M. 874/35-45
- (R7) = 0.C.S. ALIGNMENT NOTE A/5-11&12, PGS. 797-808
- (R8) = CORNER RECORD, C.R. 2017-2953
- (R9) = CORNER RECORD, C.R. 2009-3101
- (R10) = TRACT NO. 4337, M.M. 150/3-7
- (R11) = RECORD OF SURVEY NO. 95-1041, R.S.B. 152/35-40
- (R12) = RECORD OF SURVEY , R.S.B. 83/22
- (R13) = LOS ANGLES COUNTY ENGINEER FIELD BOOK, CEFB 862/241-249
- (R14) = LOS ALAMITOS CHANNEL, CO, FE 94/95-12



OC Public Works
OC Survey/Field Services

Boundary Analysis & Mapping





DATE OF SURVEY:12/24/2020

MAPPING

ITEM

REVISIONS

MARK DATE

OFFICE CHECK

FIELD CHECK

BY: J. JOHNS

BY: J. JOHNS

SCALE:1" = 20' W.O. #EF20403P FILE #2021PW-PR0001

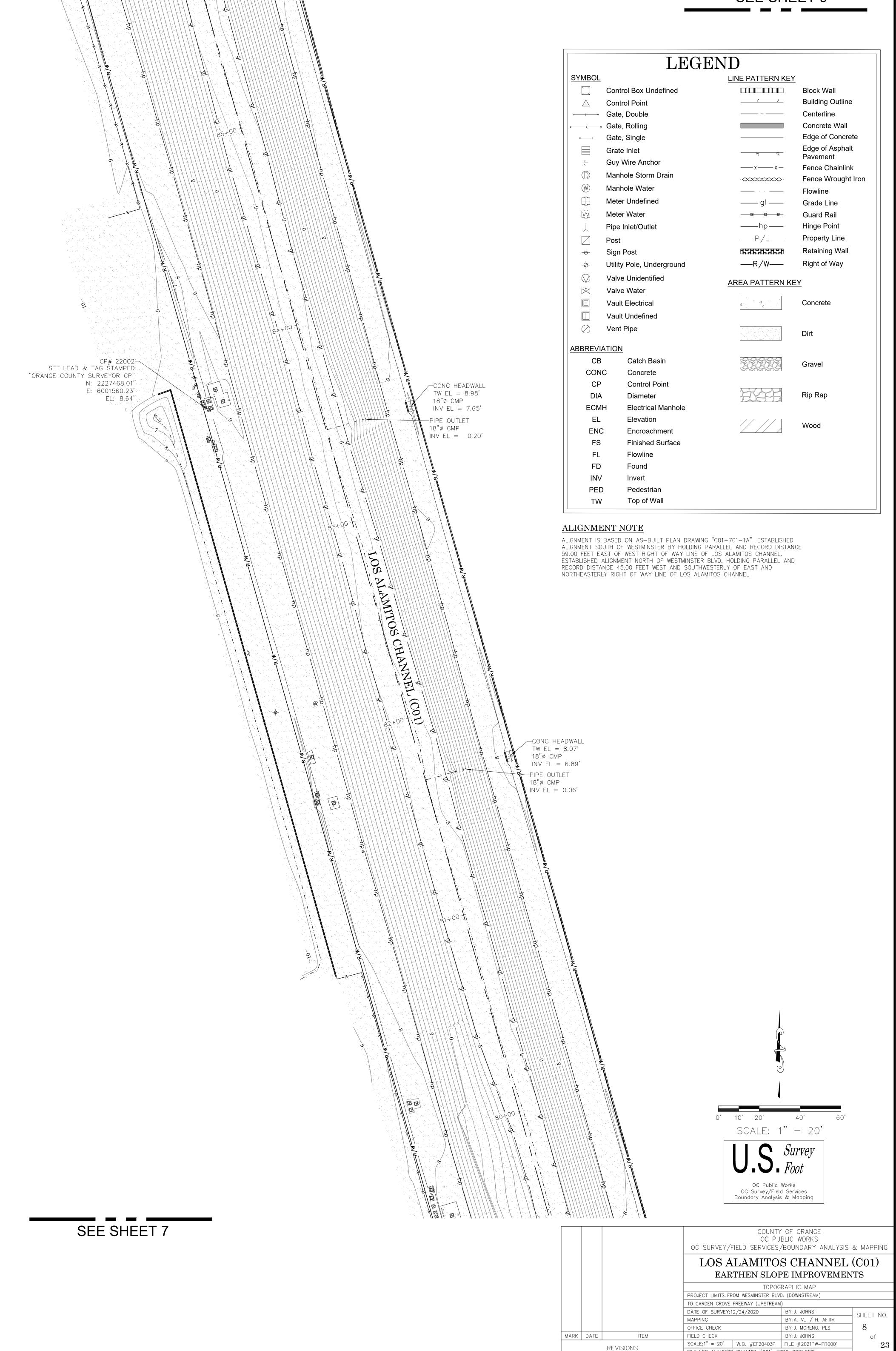
FILE: LOS ALAMITOS CHANNEL (CO1)_TOPO_2021.DWG

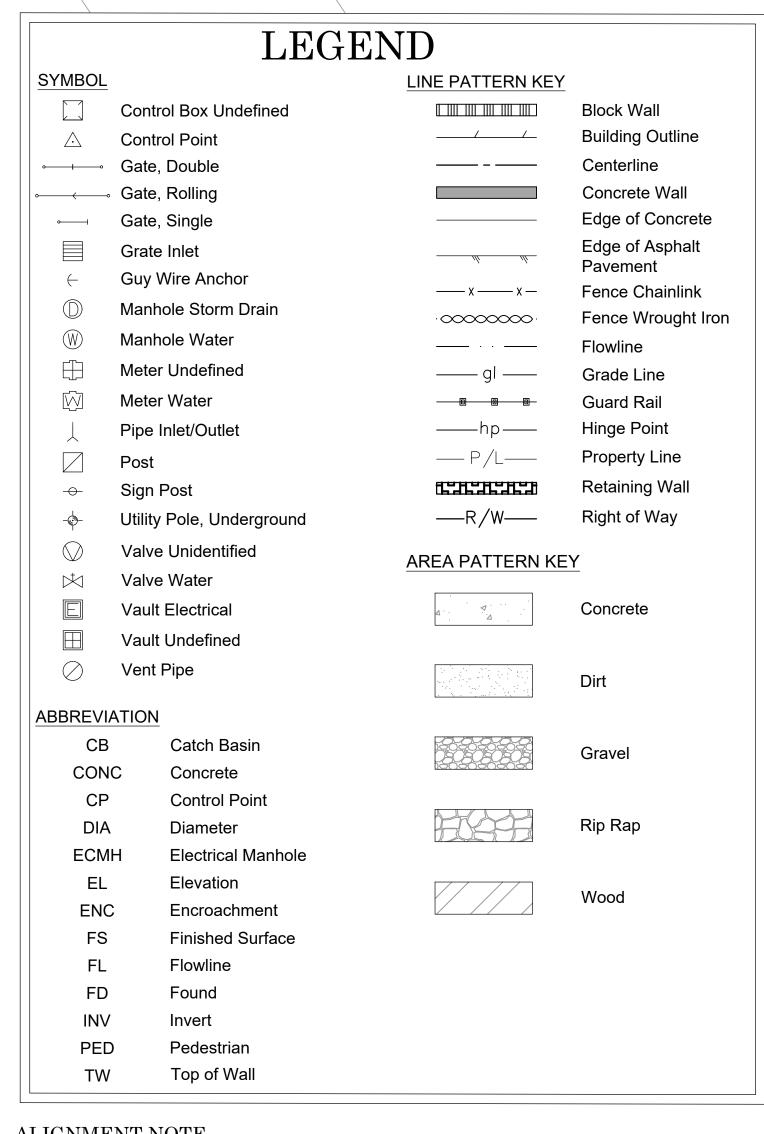
BY: A. VU / H. AFTIM

BY: J. MORENO, PLS

SHEET NO.

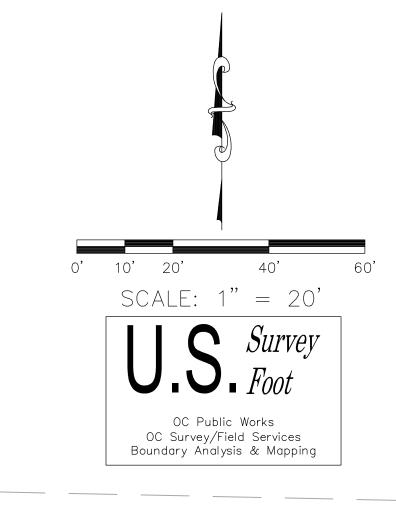
FILE: LOS ALAMITOS CHANNEL (CO1)_TOPO_2021.DWG





ALIGNMENT NOTE

ALIGNMENT IS BASED ON AS-BUILT PLAN DRAWING "C01-701-1A". ESTABLISHED ALIGNMENT SOUTH OF WESTMINSTER BY HOLDING PARALLEL AND RECORD DISTANCE 59.00 FEET EAST OF WEST RIGHT OF WAY LINE OF LOS ALAMITOS CHANNEL. ESTABLISHED ALIGNMENT NORTH OF WESTMINSTER BLVD. HOLDING PARALLEL AND RECORD DISTANCE 45.00 FEET WEST AND SOUTHWESTERLY OF EAST AND NORTHEASTERLY RIGHT OF WAY LINE OF LOS ALAMITOS CHANNEL.



SEE SHEET 8

CONC HEADWALL—
TW EL = -0.24'
18"ø CMP

INV EL = -2.77'

CONC HEADWALL TW EL = -1.08'

INV EL = -3.24'

12"ø CMP

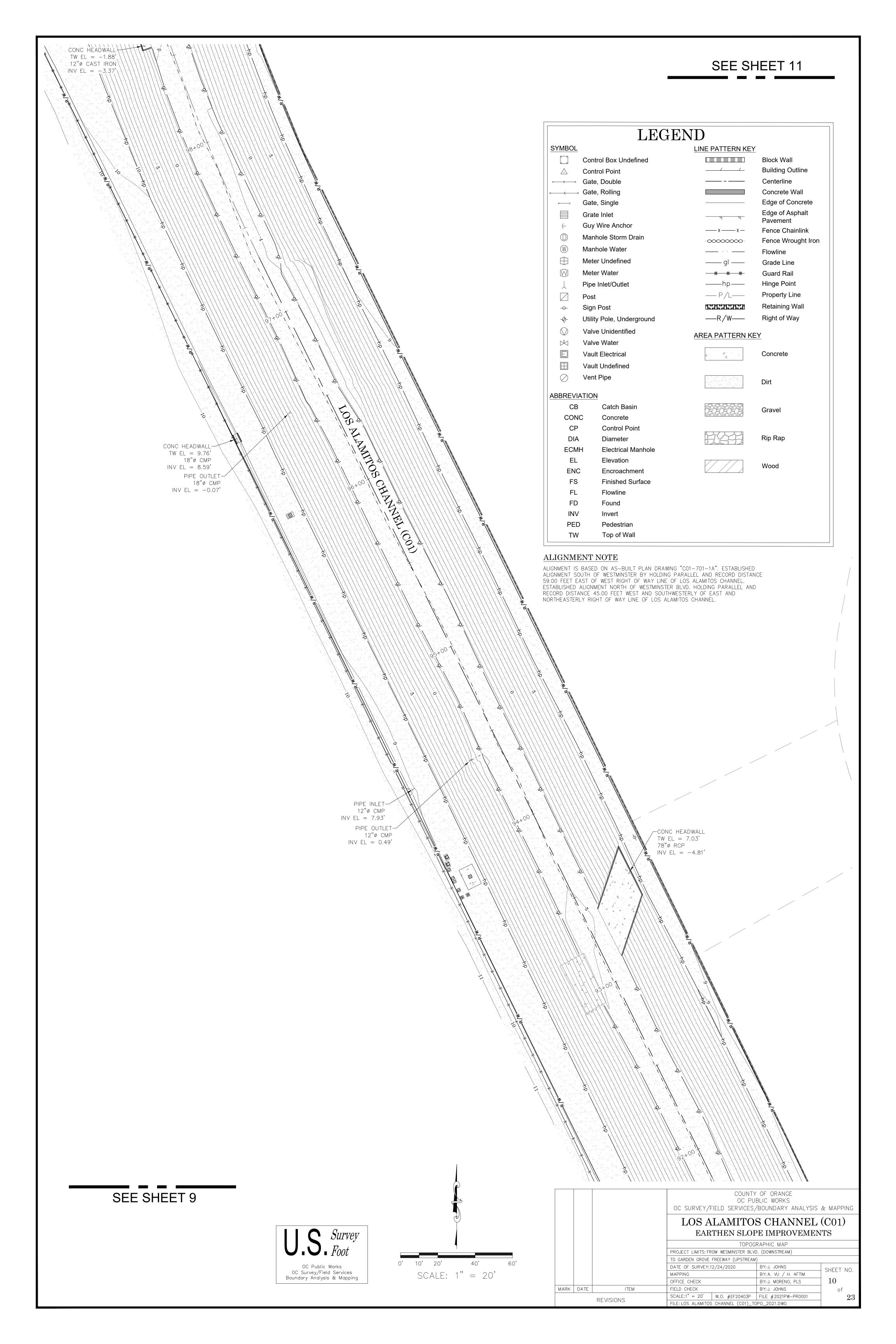
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM)			
			TO GARDEN GROVE FREEWAY (UPSTREAM)			
			DATE OF SURVEY:12/24/2020	BY: J. JOHNS	SHEET NO.	
			MAPPING	BY: A. VU / H. AFTIM		
			OFFICE CHECK	BY: J. MORENO, PLS	9	
MARK	DATE	ITEM	FIELD CHECK	BY: J. JOHNS	of	

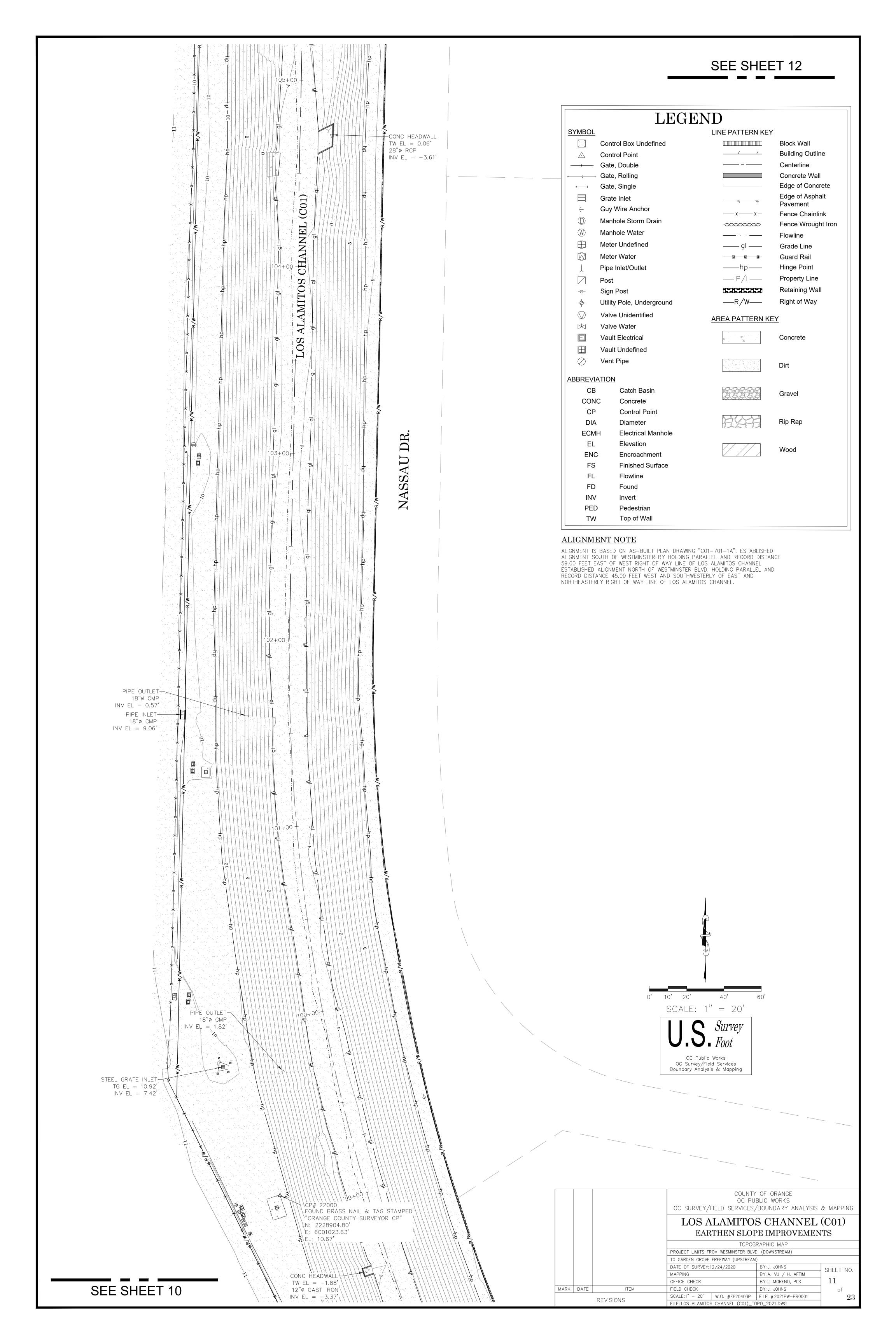
REVISIONS

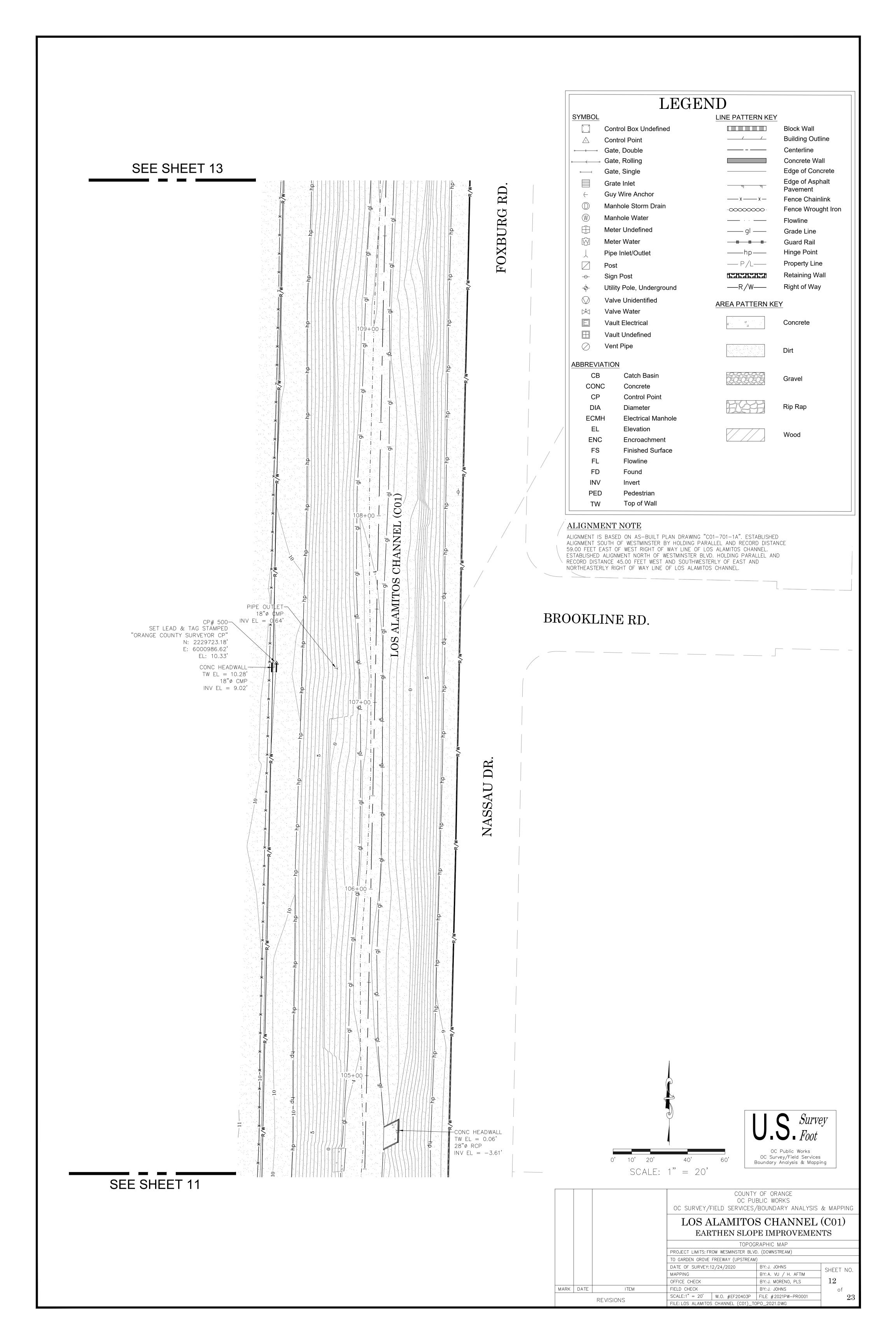
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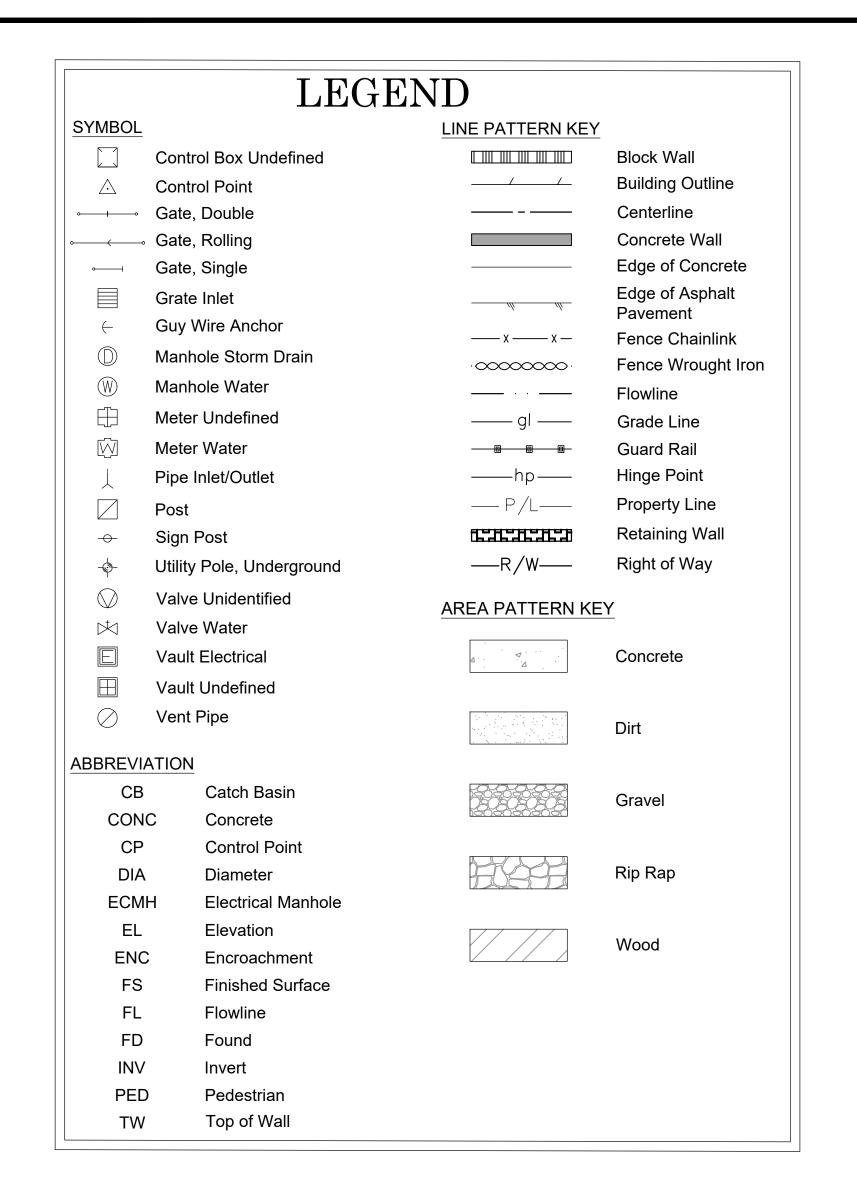
FILE: LOS ALAMITOS CHANNEL (CO1)_TOPO_2021.DWG

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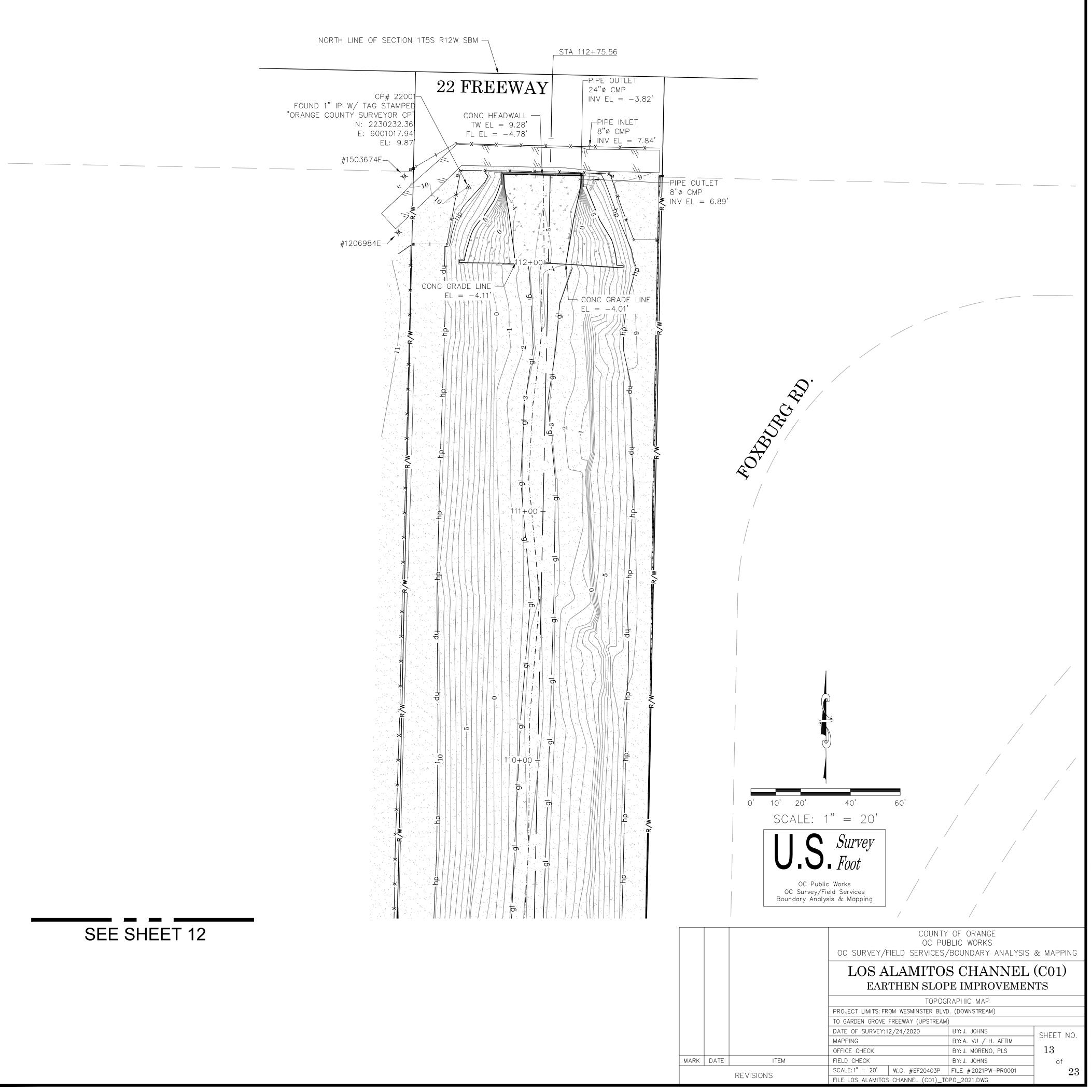


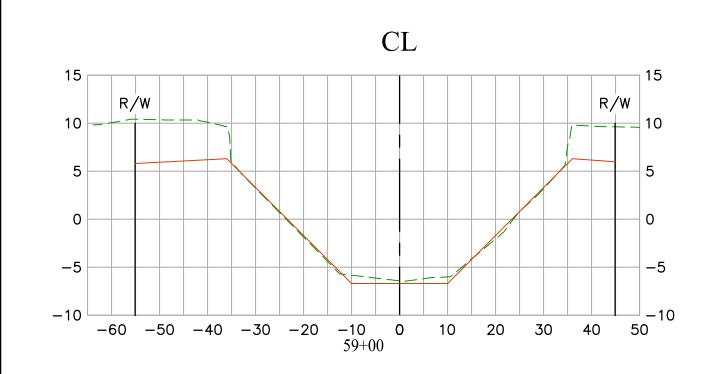


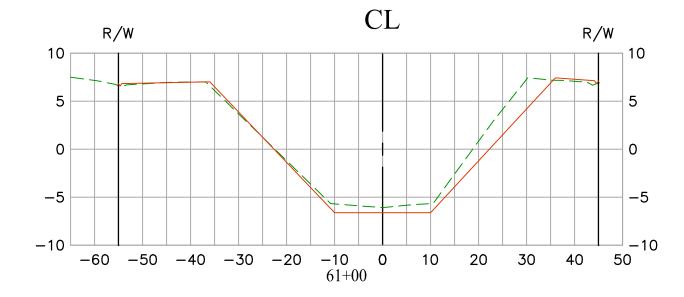


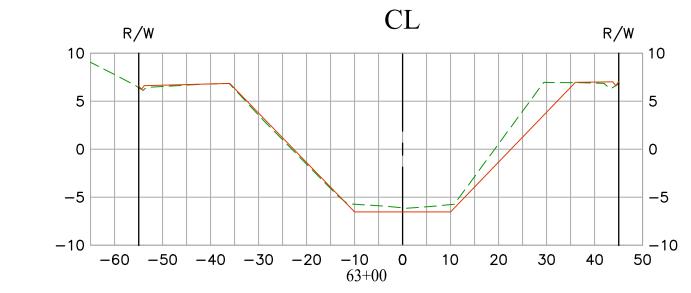
ALIGNMENT NOTE

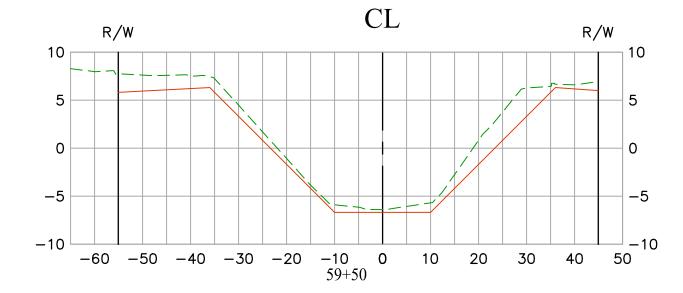
ALIGNMENT IS BASED ON AS-BUILT PLAN DRAWING "CO1-701-1A". ESTABLISHED ALIGNMENT SOUTH OF WESTMINSTER BY HOLDING PARALLEL AND RECORD DISTANCE 59.00 FEET EAST OF WEST RIGHT OF WAY LINE OF LOS ALAMITOS CHANNEL. ESTABLISHED ALIGNMENT NORTH OF WESTMINSTER BLVD. HOLDING PARALLEL AND RECORD DISTANCE 45.00 FEET WEST AND SOUTHWESTERLY OF EAST AND NORTHEASTERLY RIGHT OF WAY LINE OF LOS ALAMITOS CHANNEL.

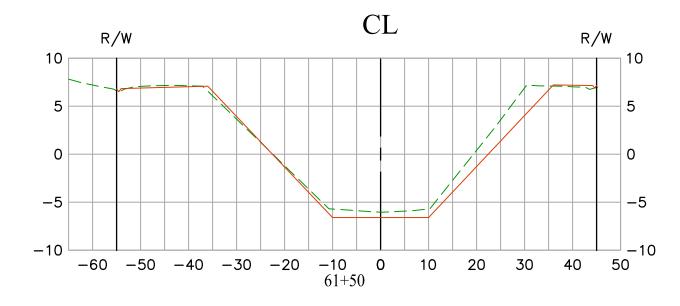


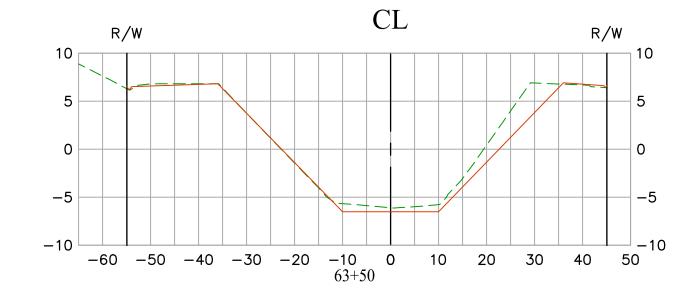


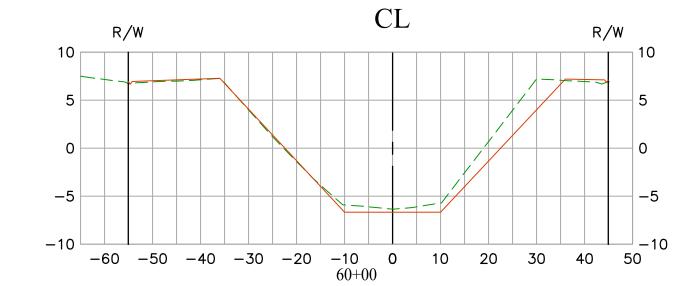


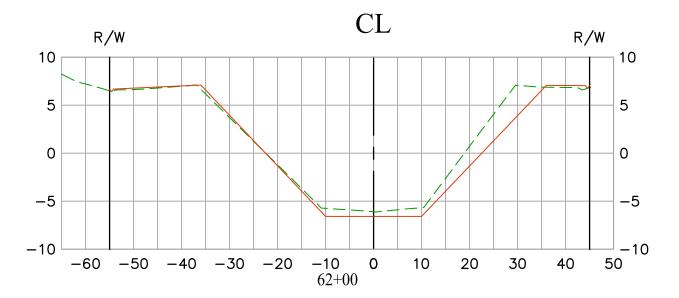


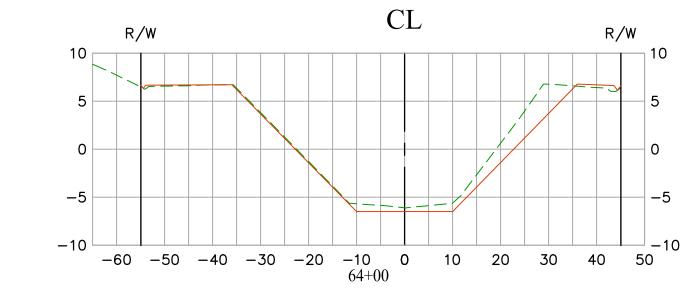


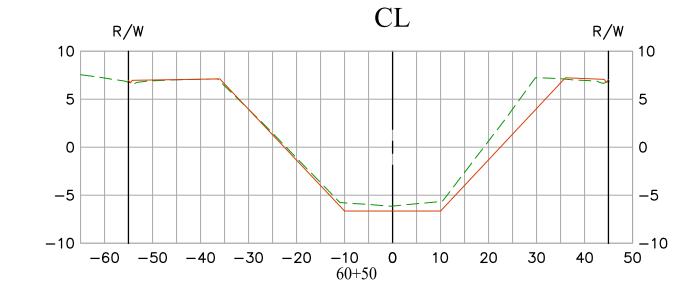


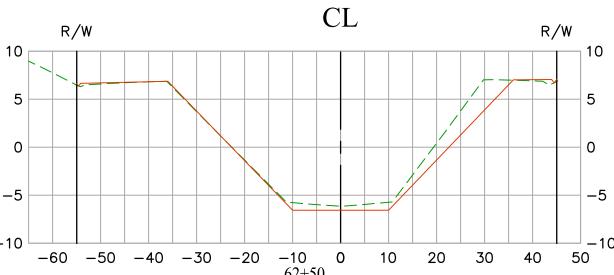


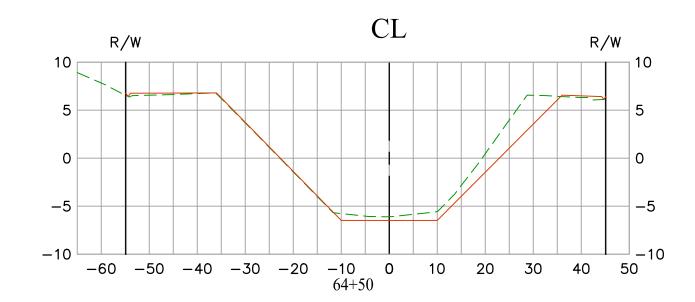




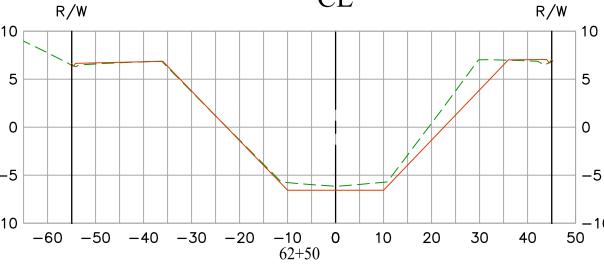








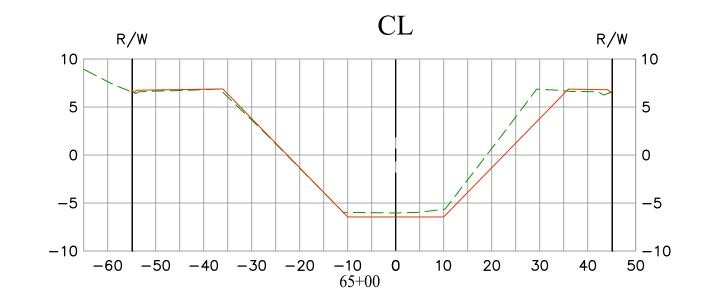


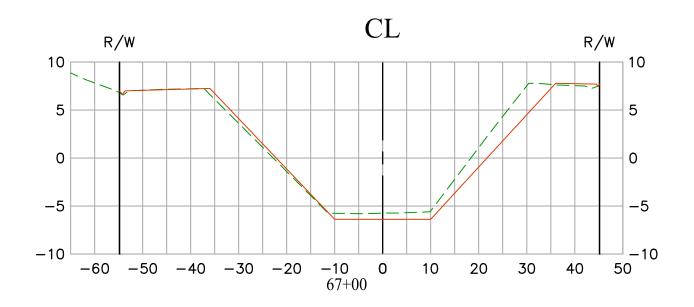


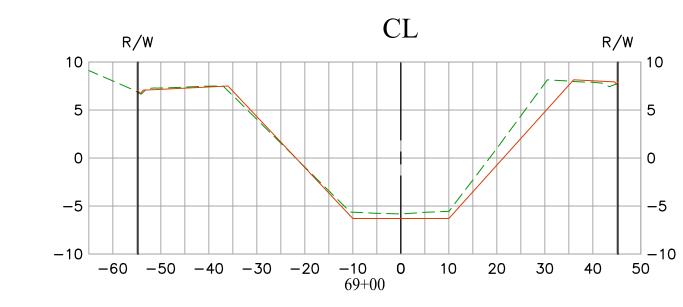
COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

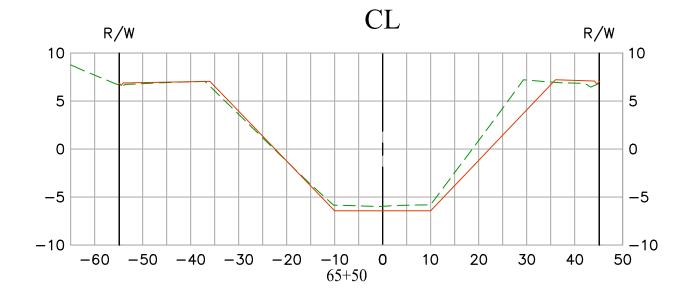
LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS

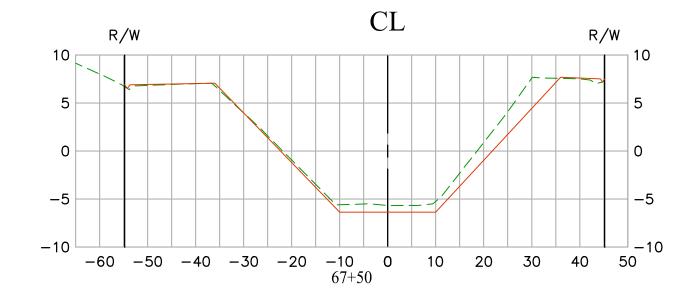
		SECTIONS				
	PROJECT LIMITS: FR	PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM)				
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	DATE OF SURVEY:1	2/24/2020	BY: J. JOHNS	SHEET NO.		
	MAPPING		BY: A. VU / H. AFTIM			
	OFFICE CHECK		BY: J. MORENO, PLS	$\mid 14$		
	FIELD CHECK		BY: J. JOHNS	of		
SCALE:1" = 20' W.O. #EF20403P F		FILE #2021PW-PR0001	23			
FILE: LOSS AND AMONTOSS CHANNINE (COCO) FAROR			TREN 280201P.E.WIGPROVEMENTS SI	ECTIONS 2021.DWG		

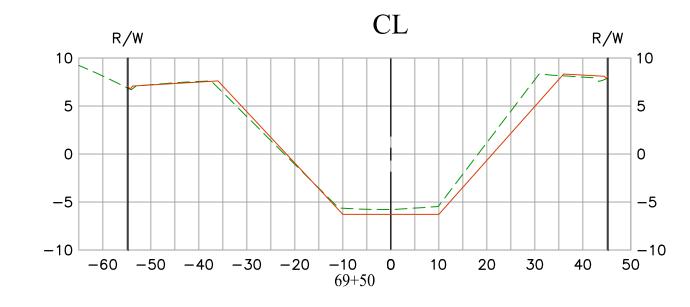


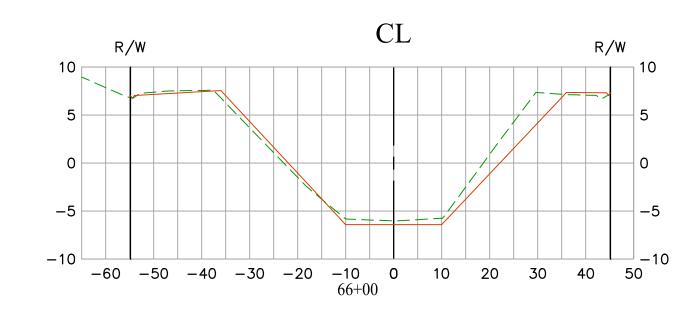


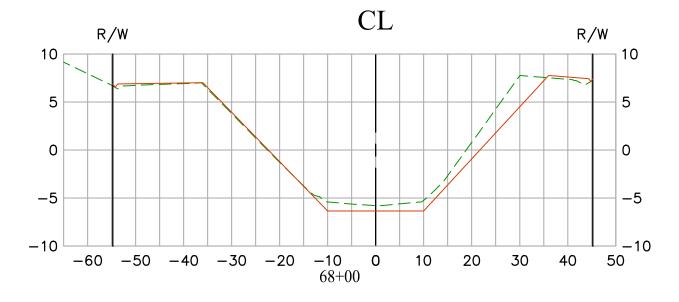


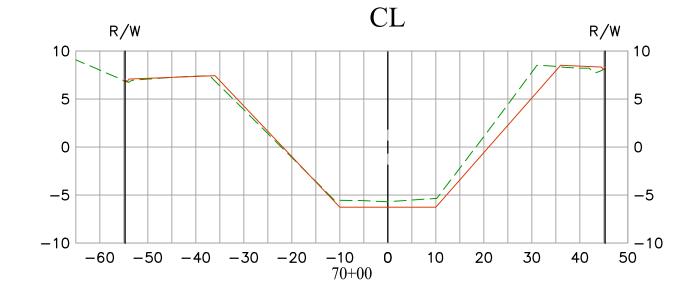


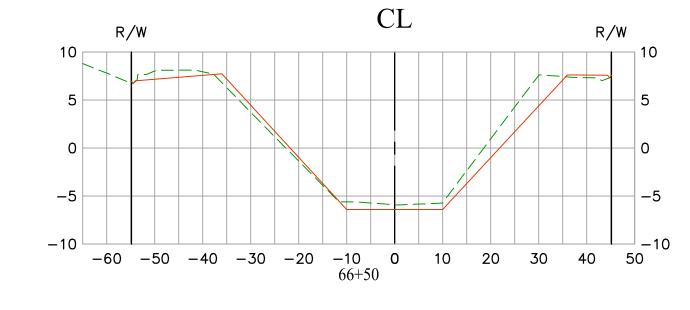


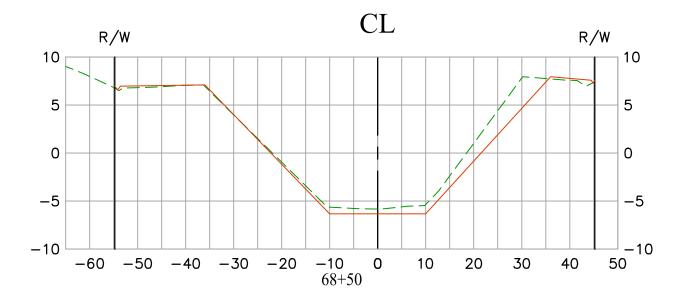


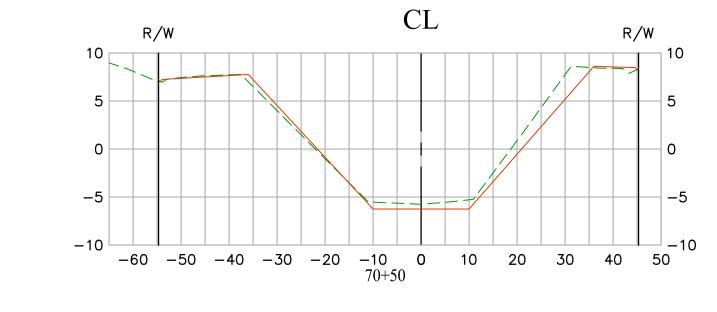












Vert. Scale: 1"=10'

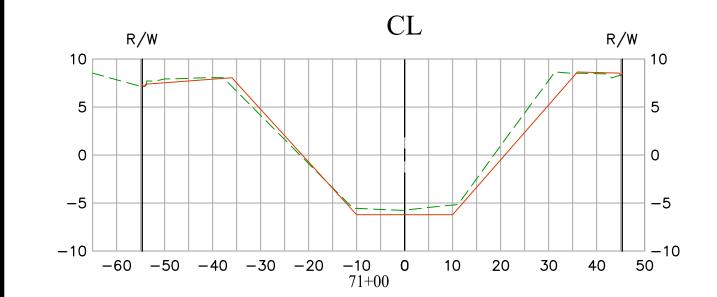
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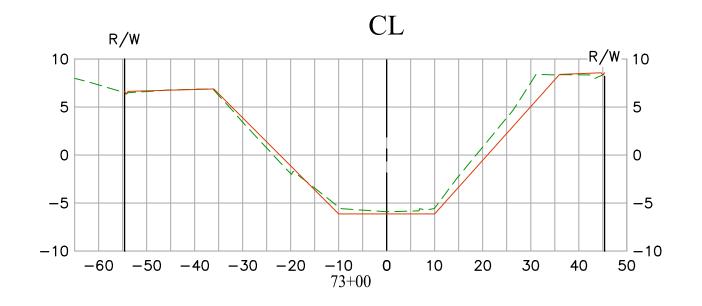
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

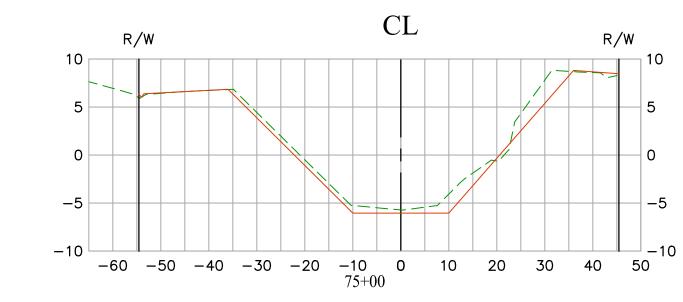
COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

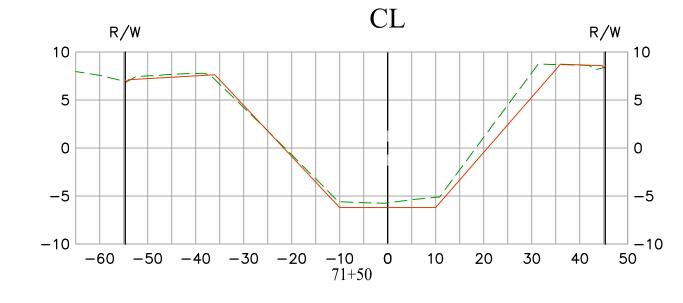
LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS

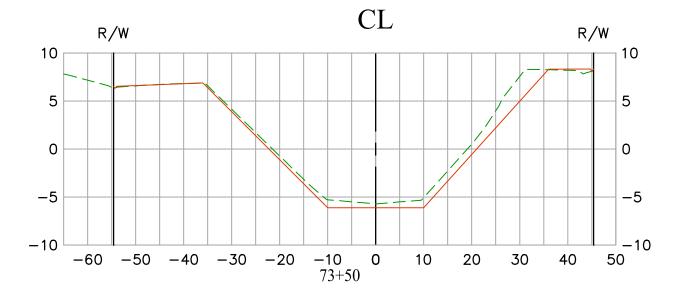
	121110		E mil ito t Emer	110	
	PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM)				
	TO GARDEN GROVE	FREEWAY (UPSTREAM))		
	DATE OF SURVEY:1	2/24/2020	BY: J. JOHNS	SHEET NO.	
	MAPPING OFFICE CHECK FIELD CHECK		BY: A. VU / H. AFTIM	15	
			BY: J. MORENO, PLS		
			BY: J. JOHNS		
	SCALE:1" = 20'	W.O. #EF20403P	FILE #2021PW-PR0001	23	
	FILE: LOSS ALAAMITOSS COMMINISEL (COO) 1 FAROPEN 2020 P.D WIGPROVEMENTS SECTIONS 2021				

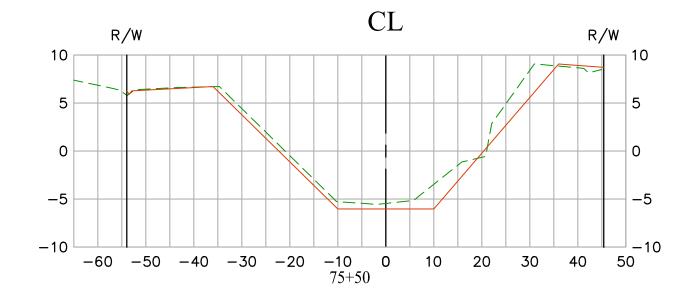


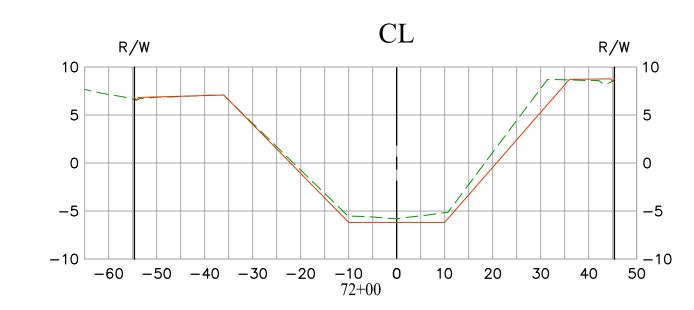


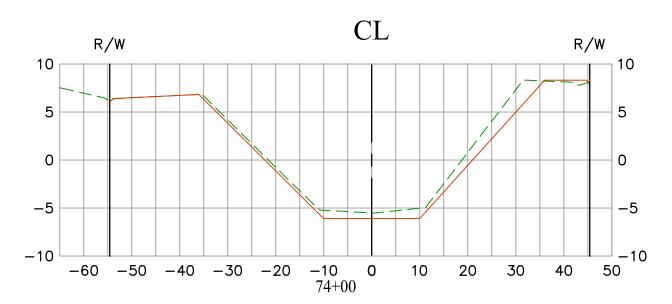


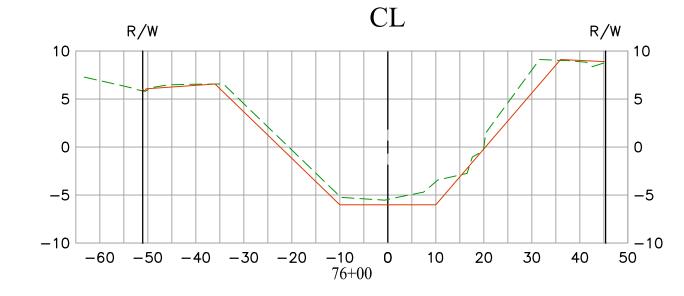


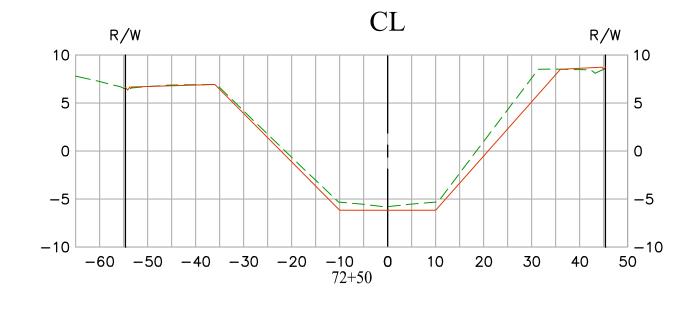


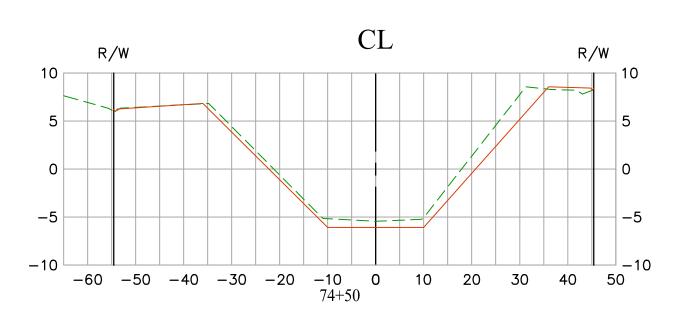


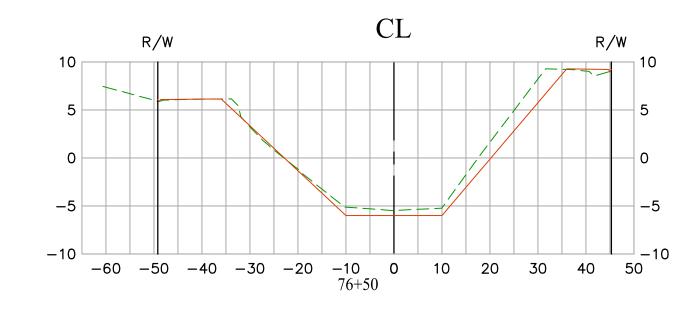










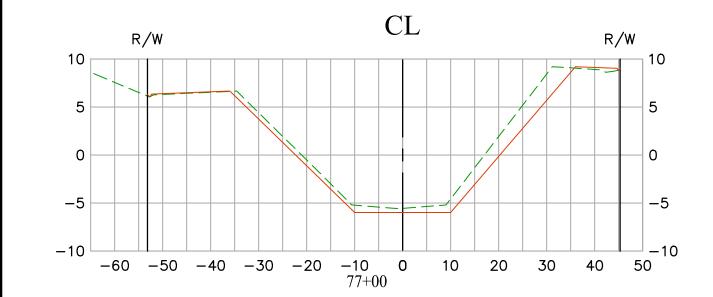


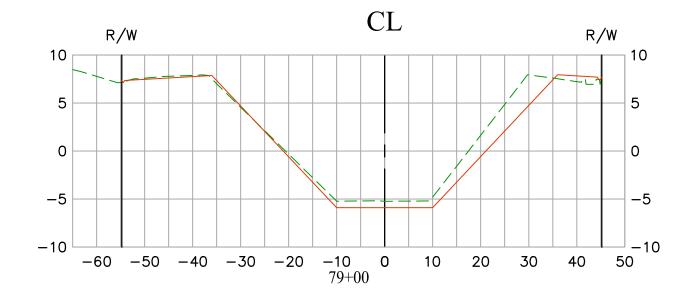


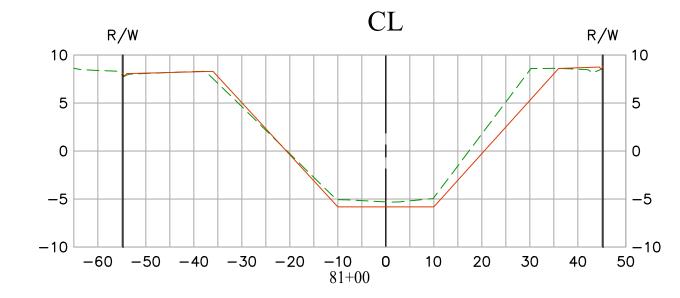


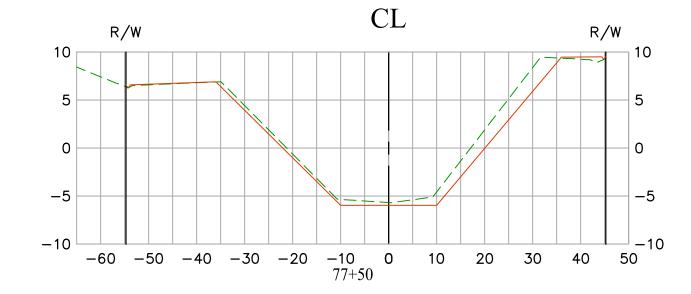
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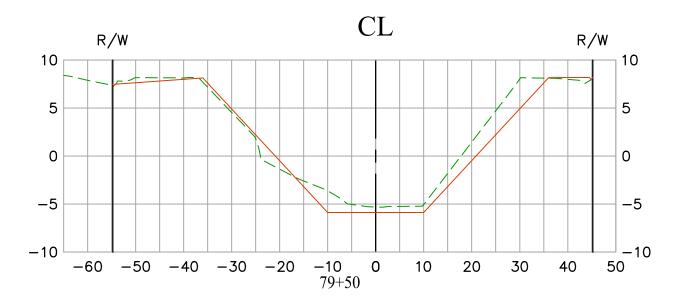
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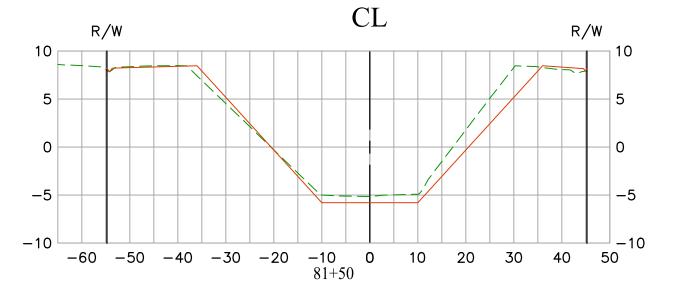


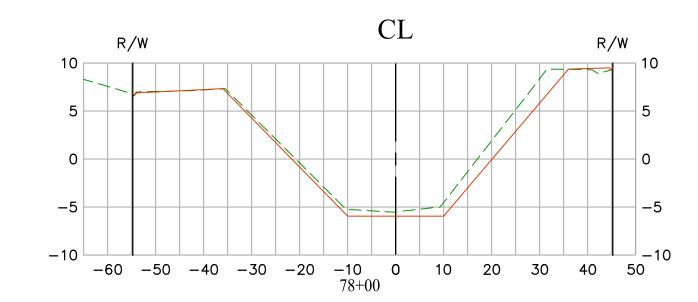


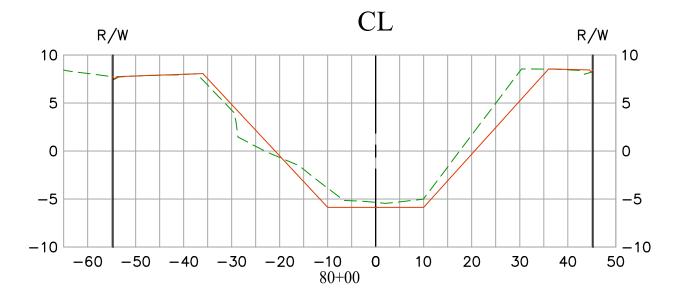


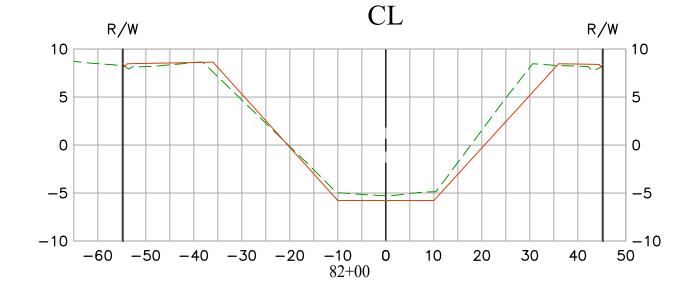


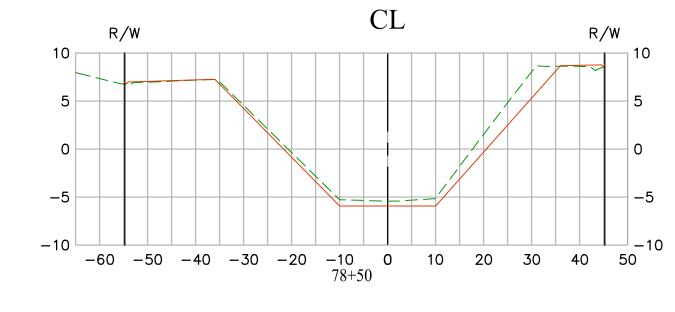


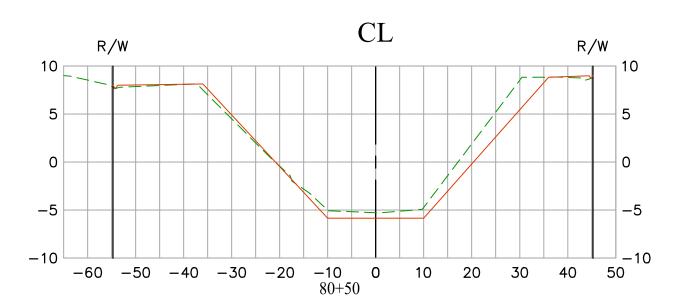


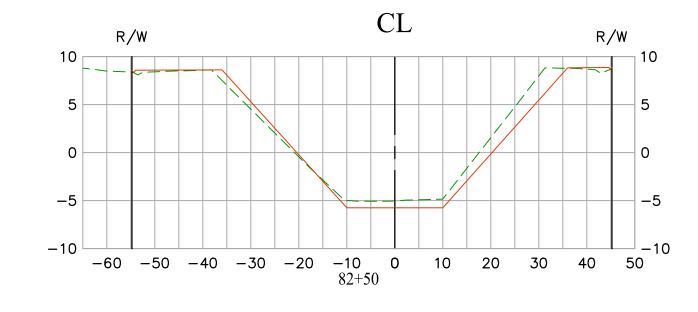


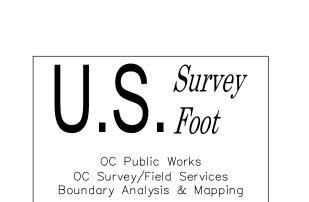


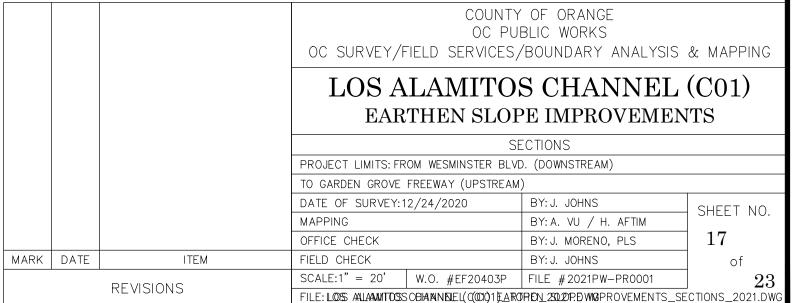


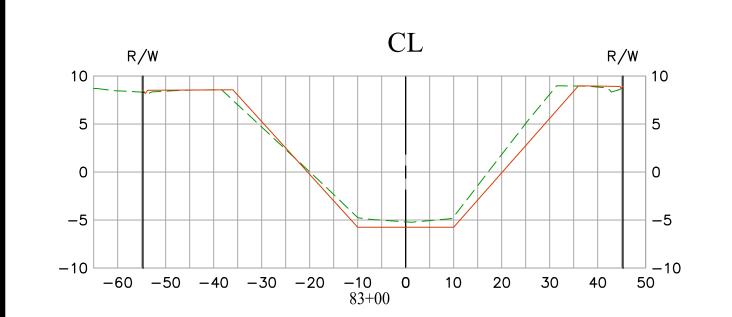


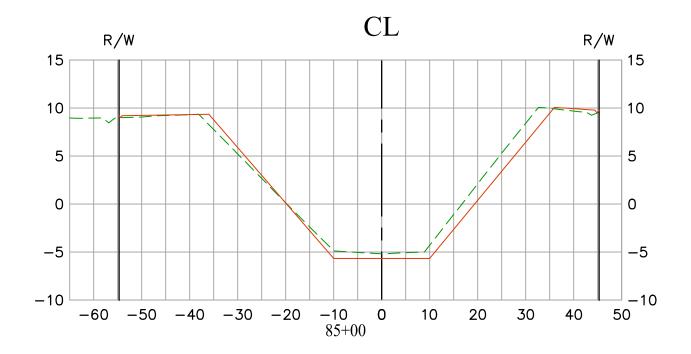


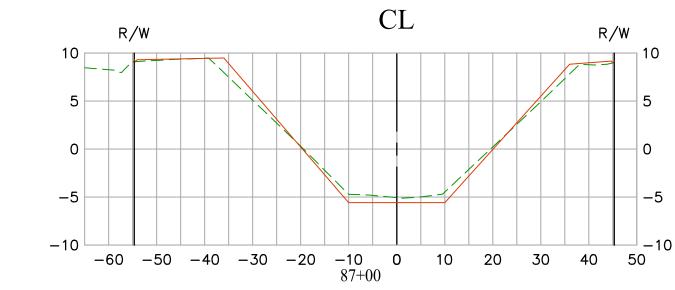


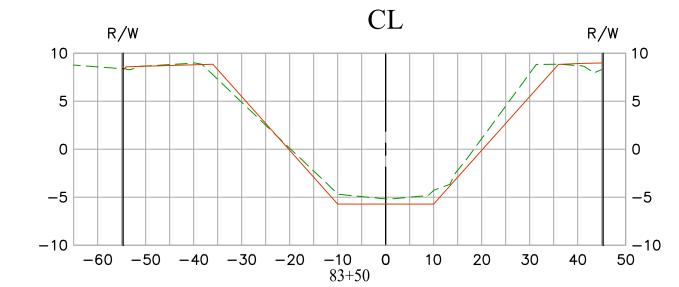


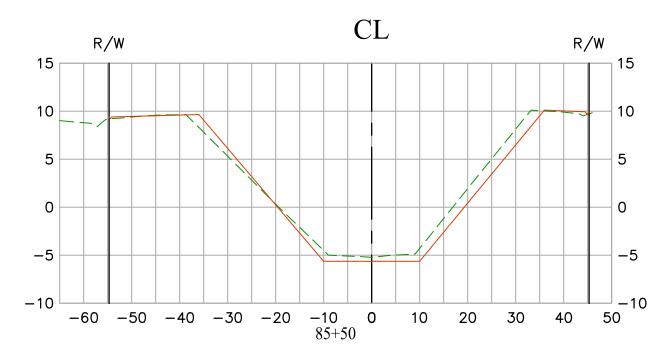


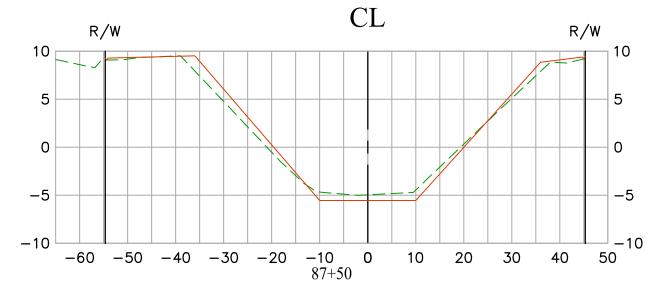


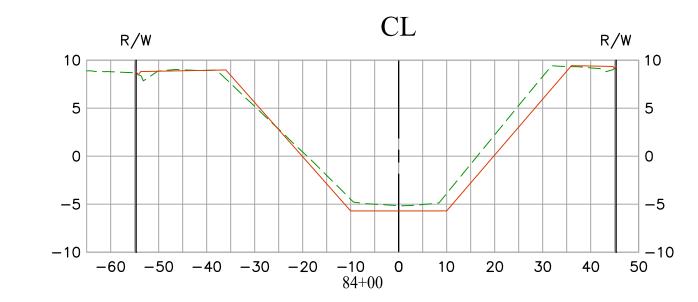


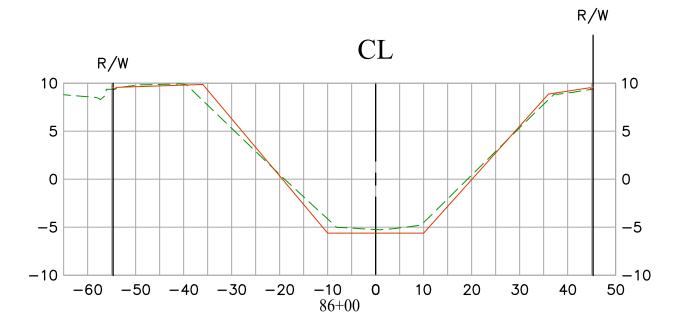


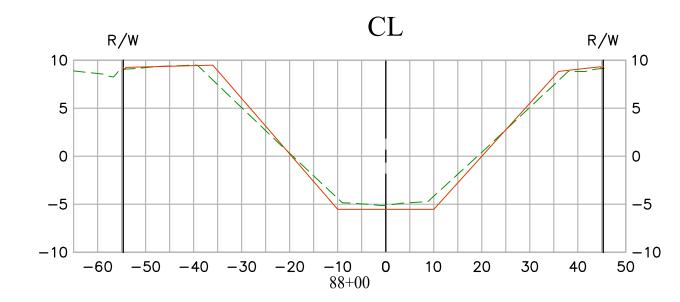


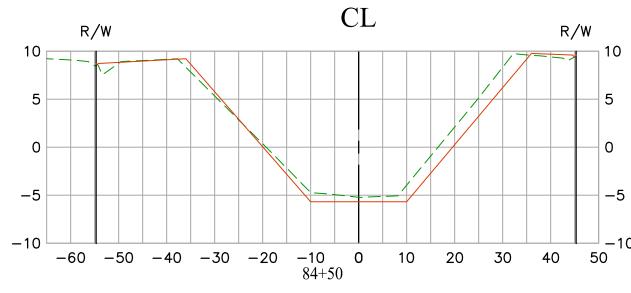


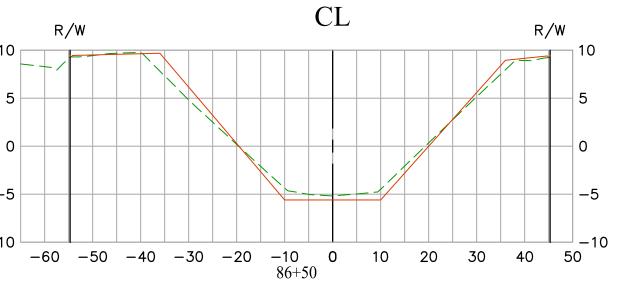


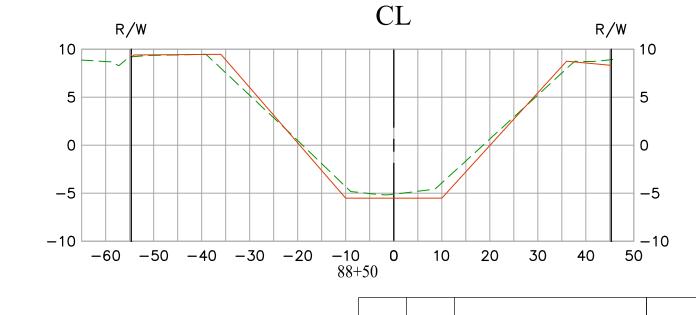


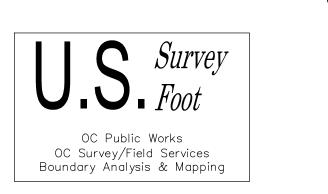


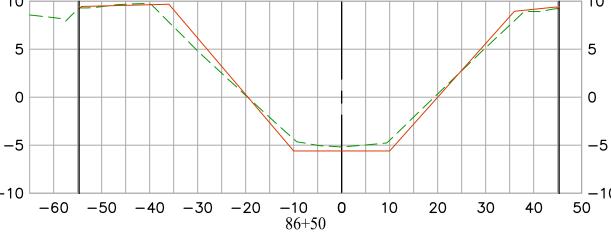








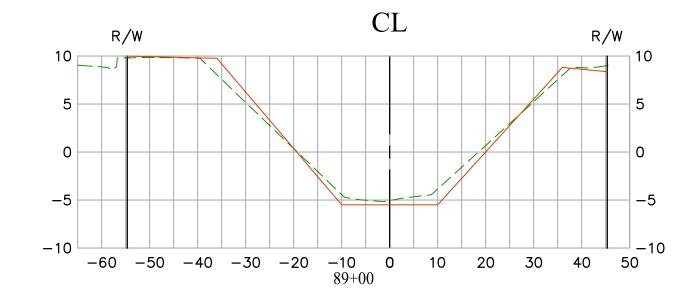


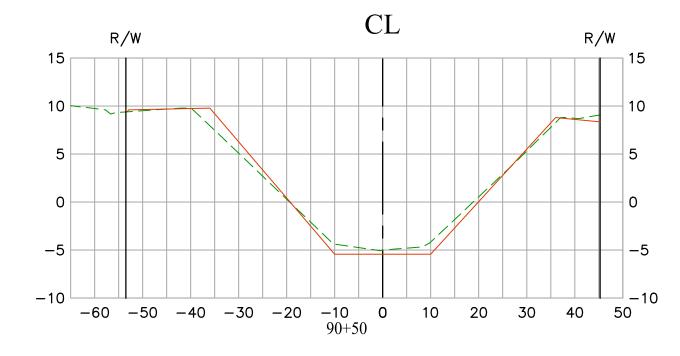


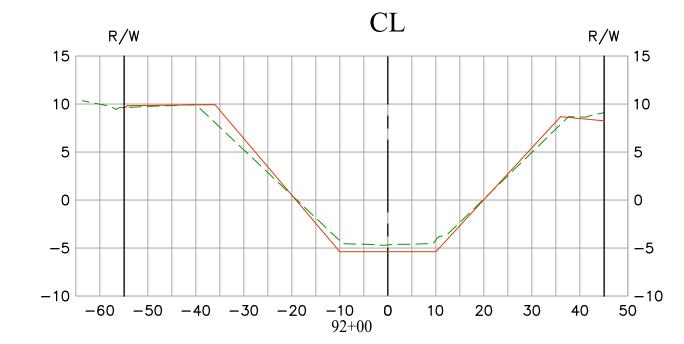
COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS SECTIONS PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM) TO GARDEN GROVE FREEWAY (UPSTREAM) DATE OF SURVEY:12/24/2020 BY: J. JOHNS SHEET NO MAPPING BY: A. VU / H. AFTIM OFFICE CHECK BY: J. MORENO, PLS MARK DATE FIELD CHECK BY: J. JOHNS SCALE:1" = 20' W.O. #EF20403P | FILE #2021PW-PR0001 REVISIONS FILE: LOSS ALLAMMTOSS CHANNELL (COO) LAROPEN 2020 P.DWOPROVEMENTS_SECTIONS_2021.DWG

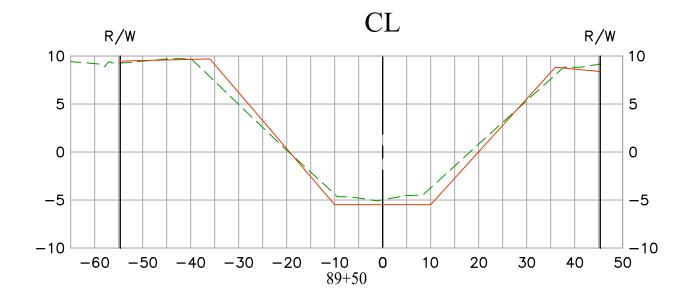
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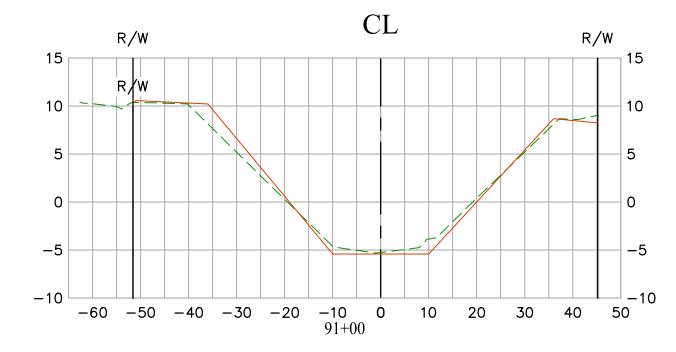
Vert. Scale: 1"=10' Hor. Scale: 1"=20'

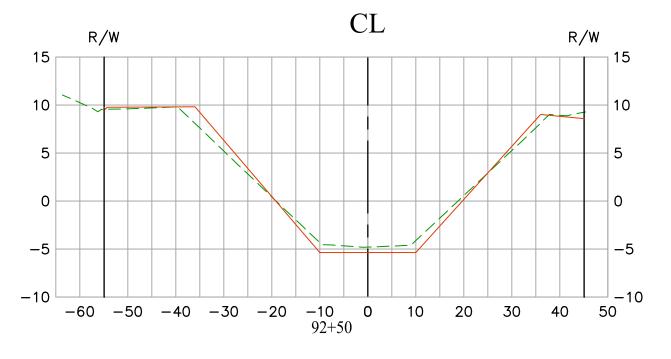


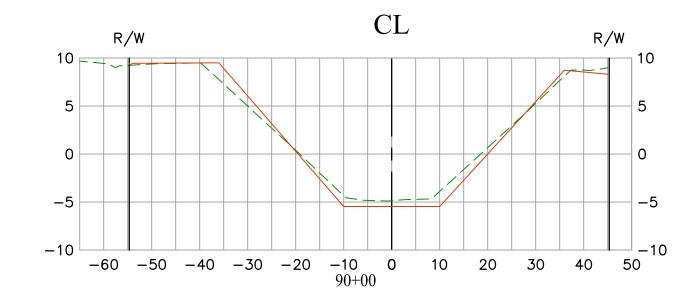


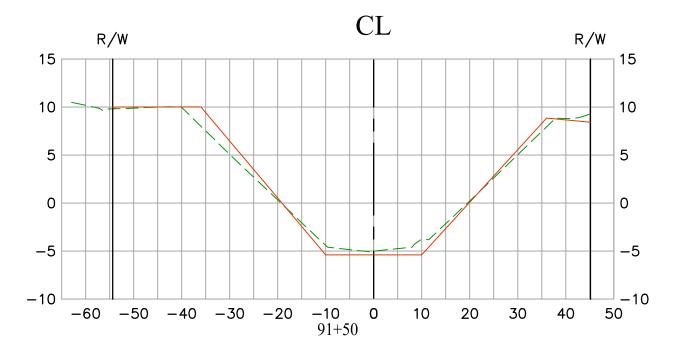


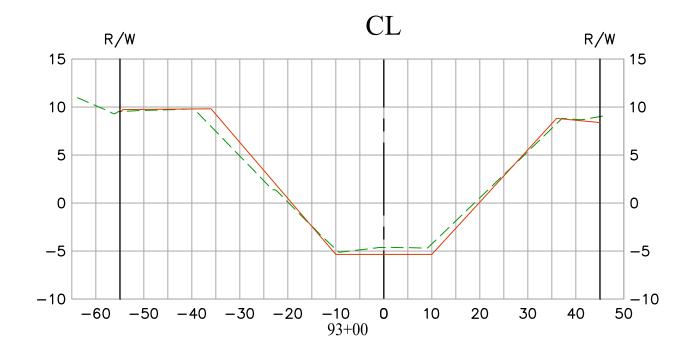






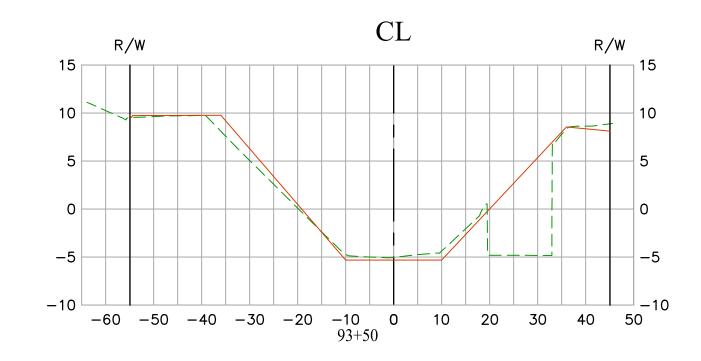


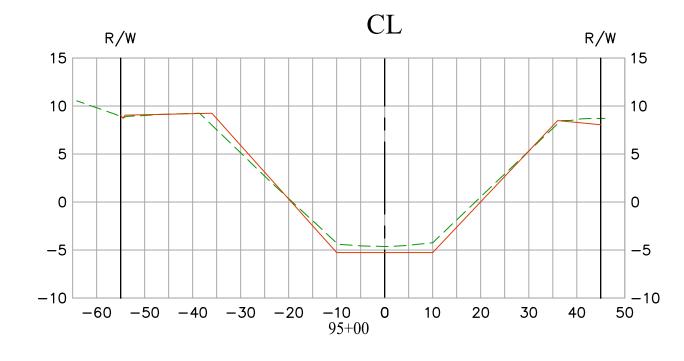


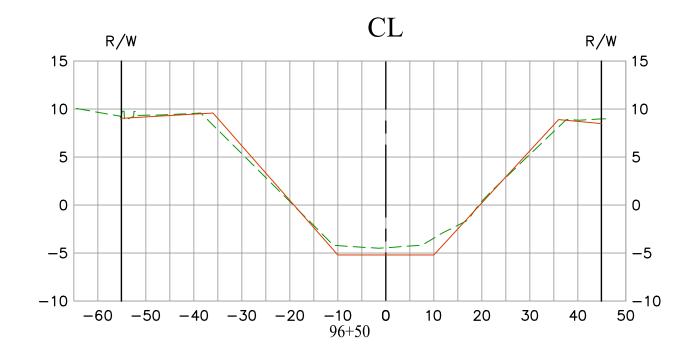


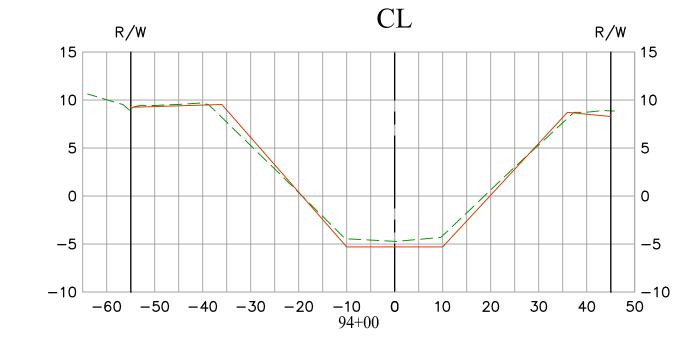
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

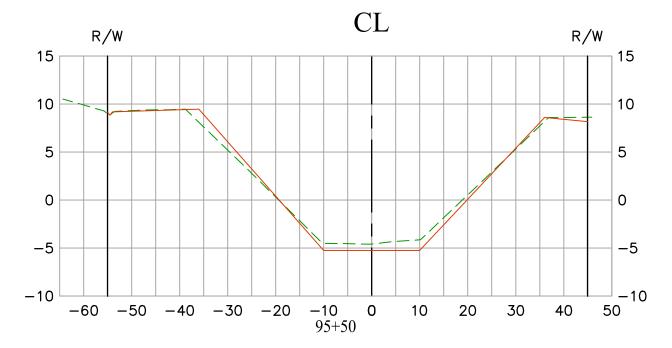
COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS SECTIONS PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM) TO GARDEN GROVE FREEWAY (UPSTREAM) DATE OF SURVEY:12/24/2020 BY: J. JOHNS SHEET NO. MAPPING BY: A. VU / H. AFTIM OFFICE CHECK BY: J. MORENO, PLS MARK DATE FIELD CHECK BY: J. JOHNS SCALE:1" = 20' W.O. #EF20403P | FILE #2021PW-PR0001 REVISIONS FILE: LOSS ALLAMMITOSS COM NO NOTEL (COO) 1 FAROTION 2012 P.D. WIGPROVEMENTS SECTIONS 2021. DWG

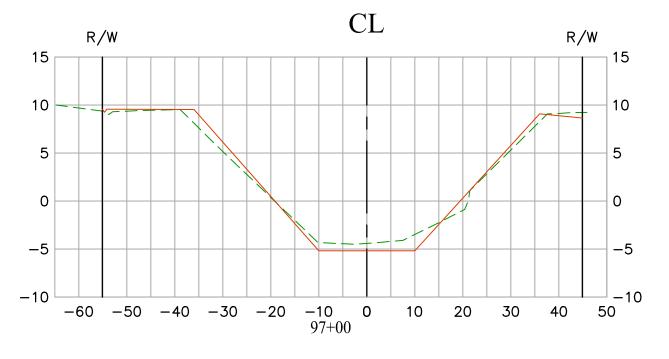


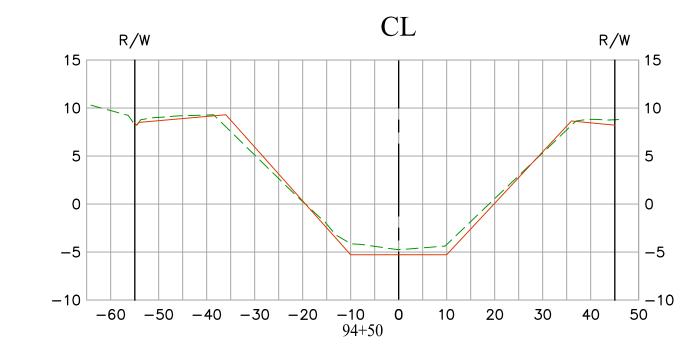


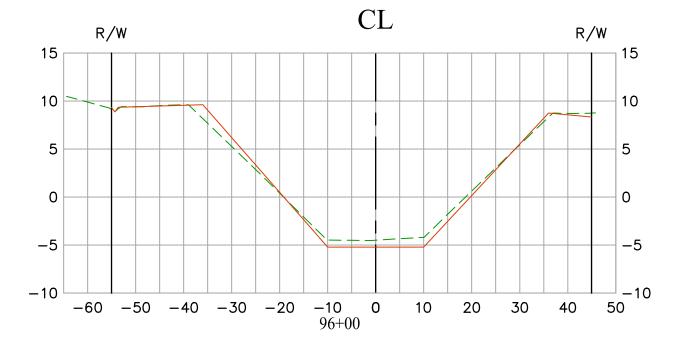


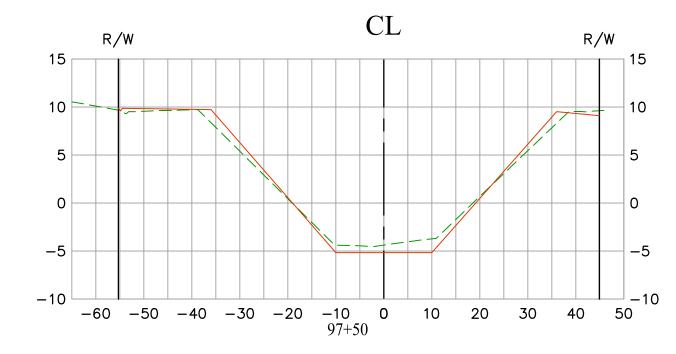






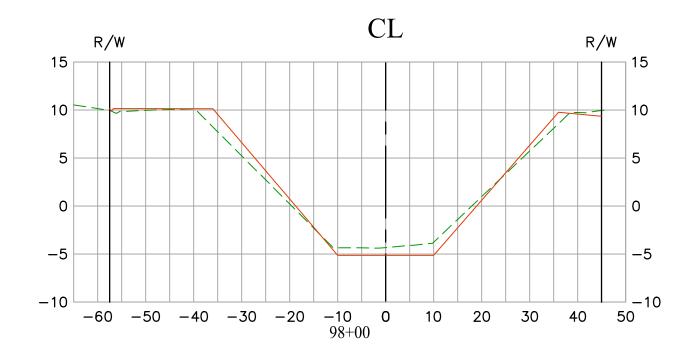


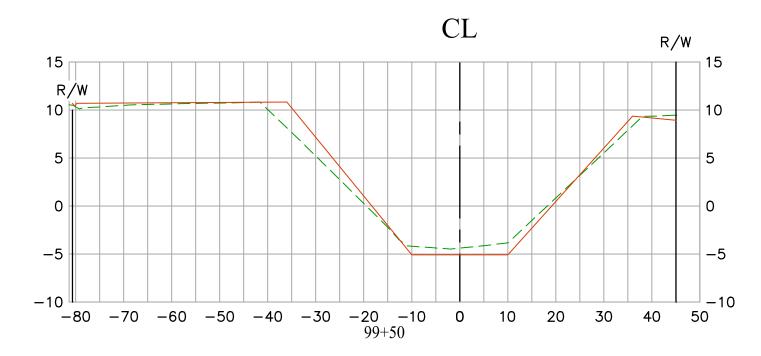


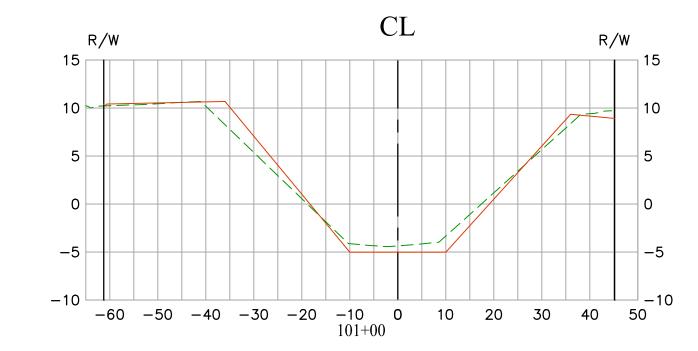


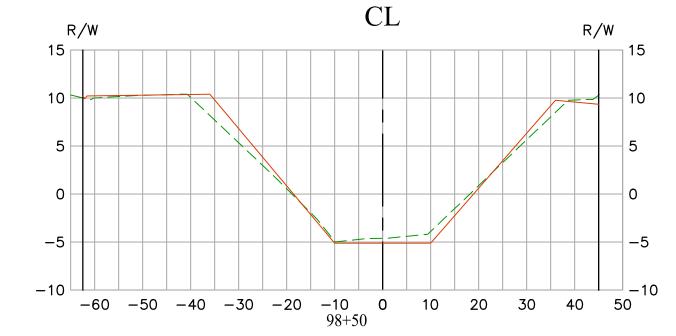
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

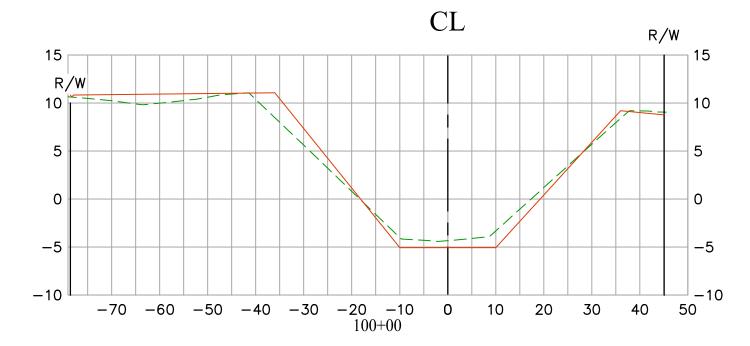
COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS SECTIONS PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM) TO GARDEN GROVE FREEWAY (UPSTREAM) DATE OF SURVEY:12/24/2020 BY: J. JOHNS MAPPING BY: A. VU / H. AFTIM OFFICE CHECK BY: J. MORENO, PLS MARK DATE FIELD CHECK BY: J. JOHNS SCALE:1" = 20' W.O. #EF20403P | FILE #2021PW-PR0001 REVISIONS FILE: LOSS ALLAMNITOSS COM INNELL (COO) 1 LAROPON 2012 P.D WIGPROVEMENTS SECTIONS 2021. DWG

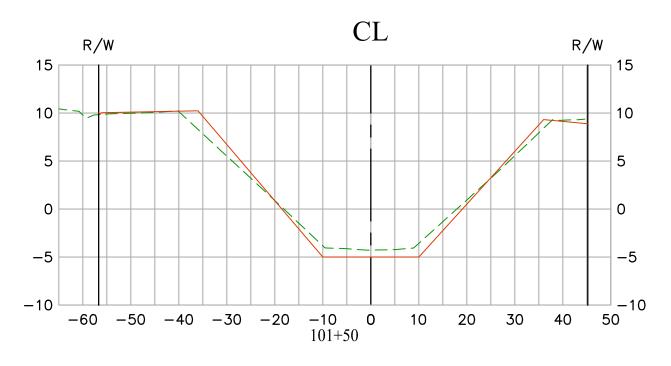


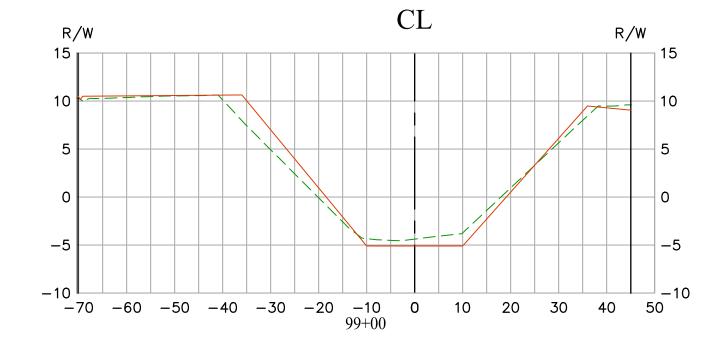


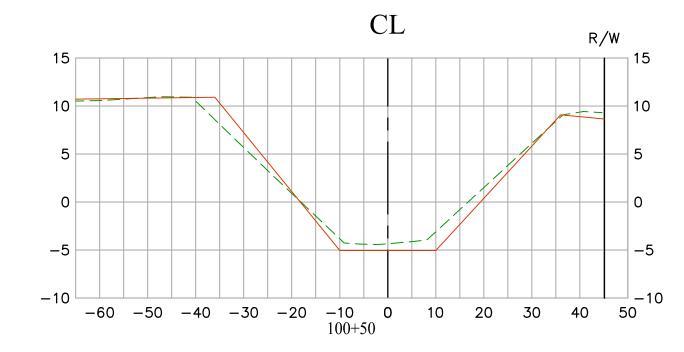


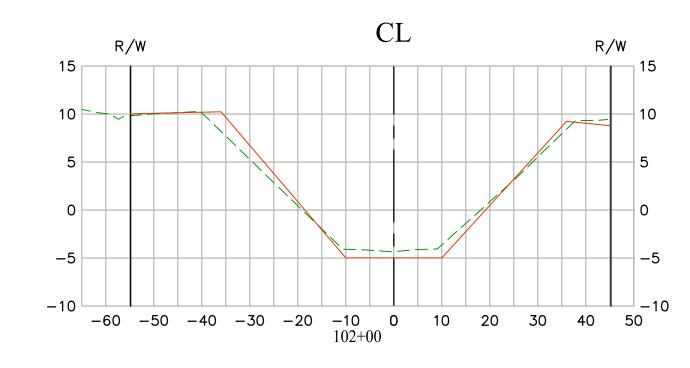






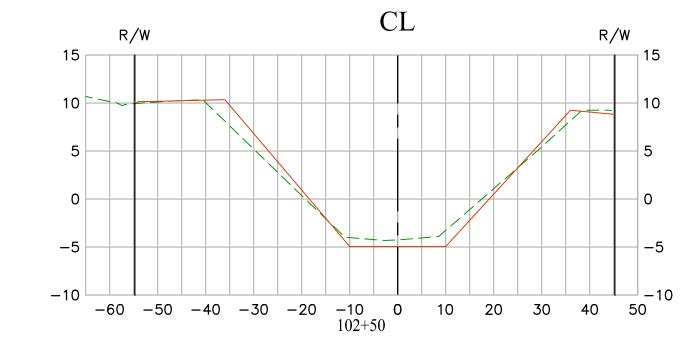


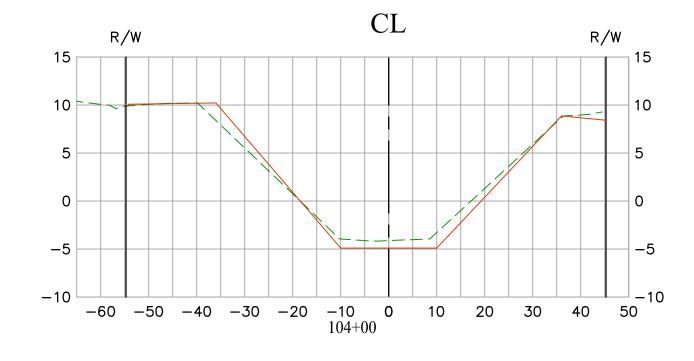


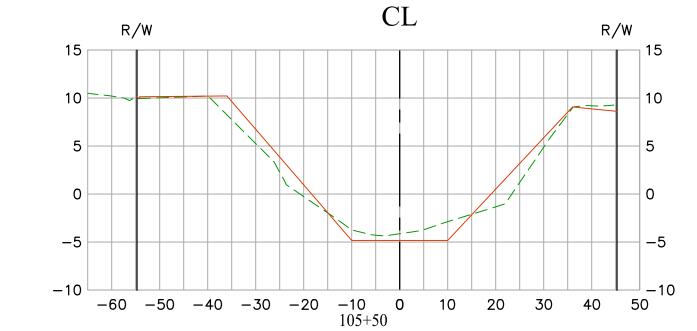


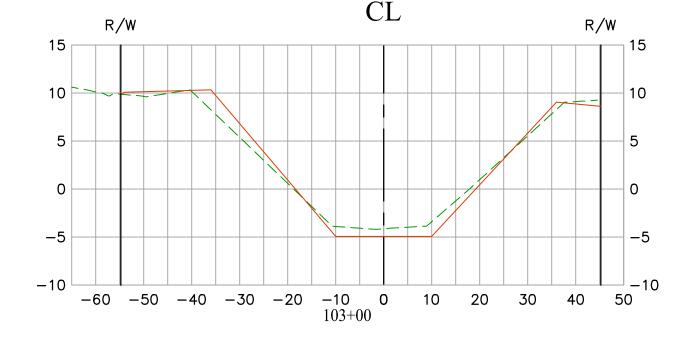
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

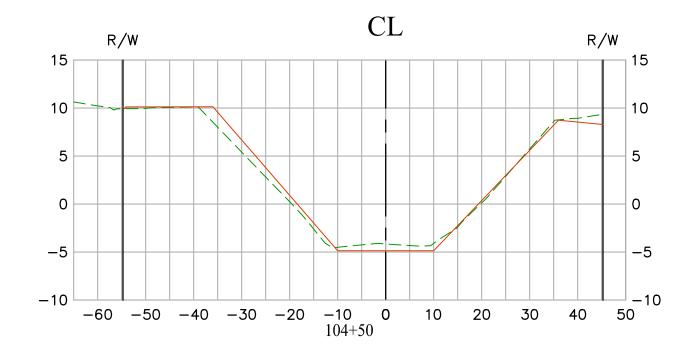
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS			
			SECTIONS			
			PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM)			
			TO GARDEN GROVE FREEWAY (UPSTREAM)			
			DATE OF SURVEY:12/24/2020 MAPPING OFFICE CHECK		BY: J. JOHNS	SHEET NO.
					BY: A. VU / H. AFTIM	
					BY: J. MORENO, PLS	$\frac{1}{2}$
MARK	DATE	ITEM	FIELD CHECK		BY: J. JOHNS	of
DEVICIONS			SCALE:1" = 20'	W.O. #EF20403P	FILE #2021PW-PR0001	23
REVISIONS		FILE: LLOSS ALLAMITOSS COM NNELL (COO) FAROTHON 2020 P.D WIGPROVEMENTS_SECTIONS_2021.DWG				

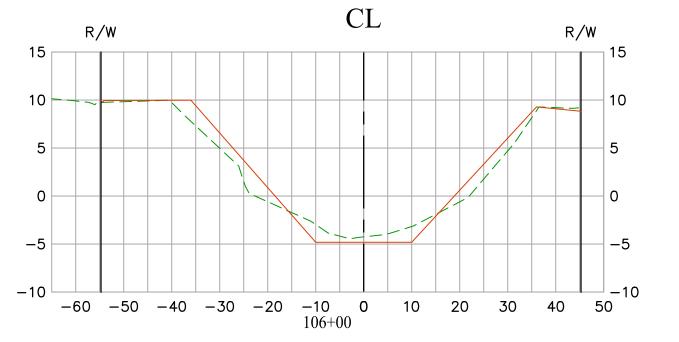


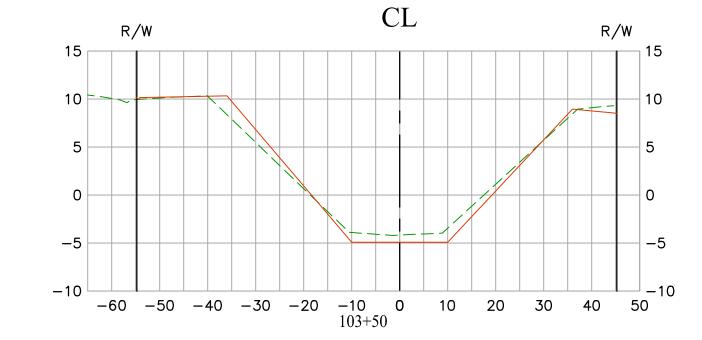


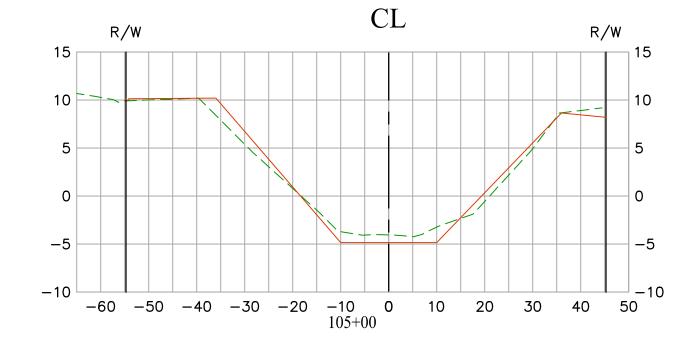


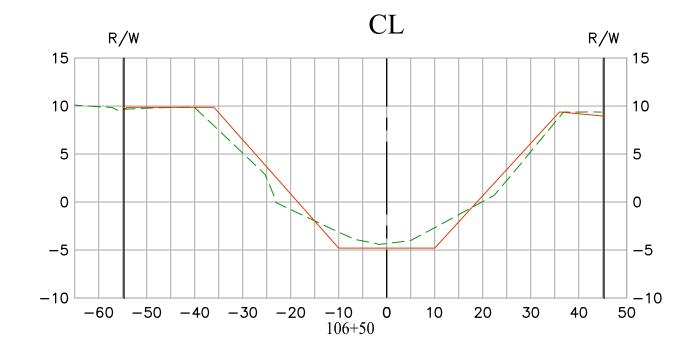








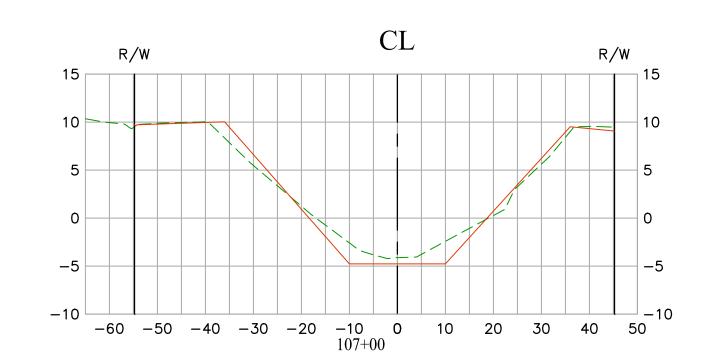


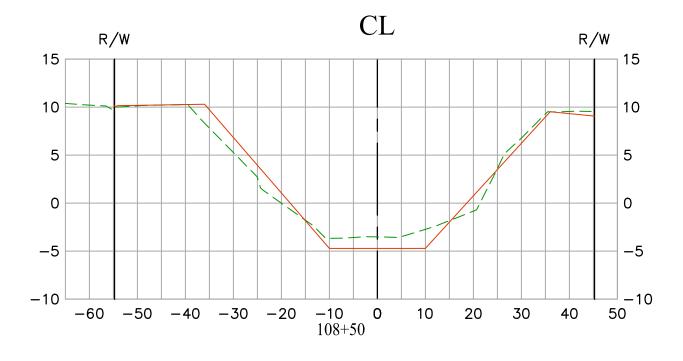


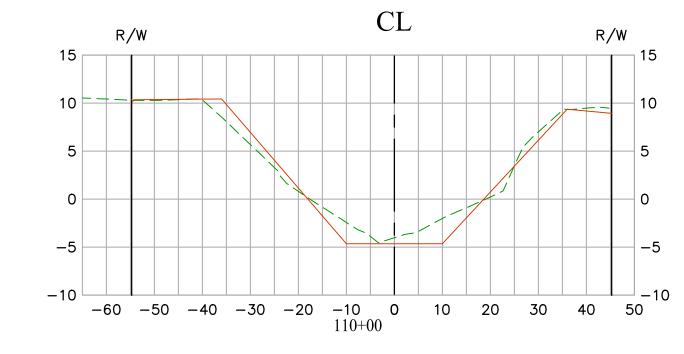


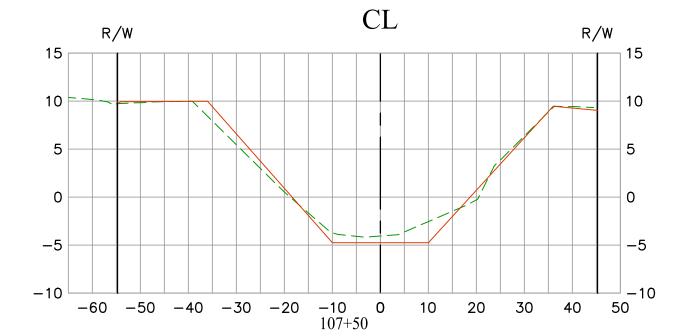
COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS SECTIONS PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM) TO GARDEN GROVE FREEWAY (UPSTREAM) DATE OF SURVEY:12/24/2020 SHEET NO. MAPPING BY: A. VU / H. AFTIM OFFICE CHECK BY: J. MORENO, PLS MARK DATE BY: J. JOHNS SCALE:1" = 20' | W.O. #EF20403P | FILE #2021PW-PR0001 23 | FILE: LOSS ALAMMTOSS CHANNEL ((CO)) LAROPEN 2020P. DWGPROVEMENTS_SECTIONS_2021. DWG REVISIONS

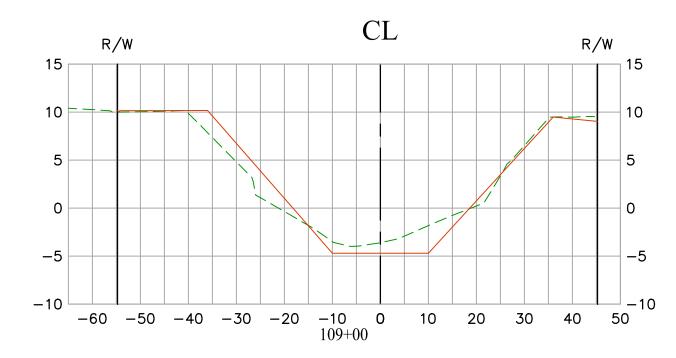
Vert. Scale: 1"=10' Hor. Scale: 1"=20'

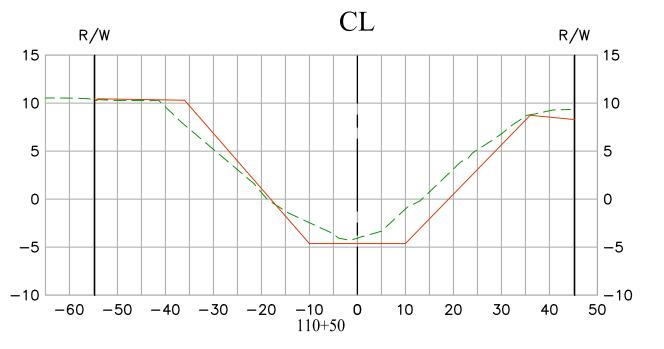


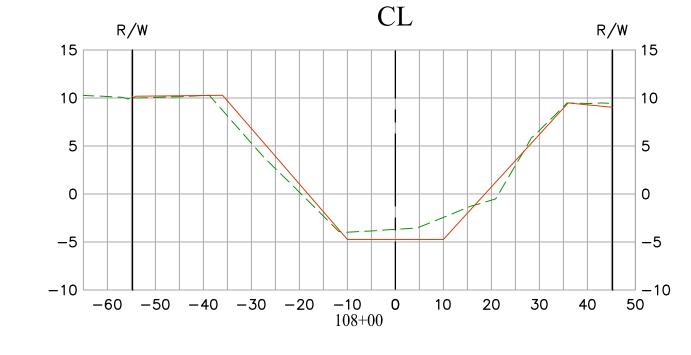


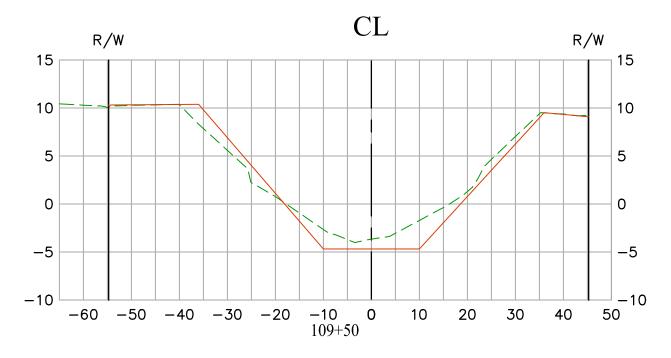


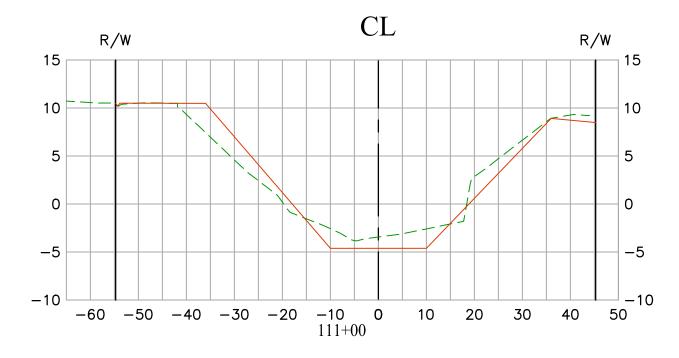


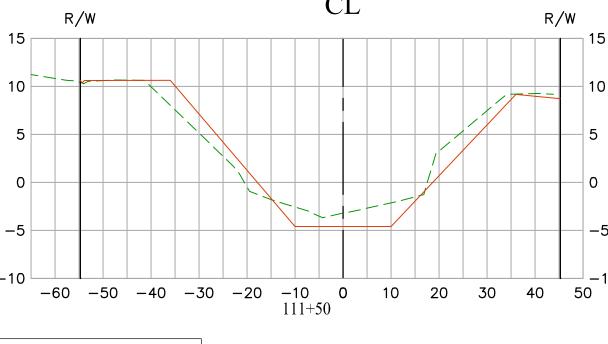


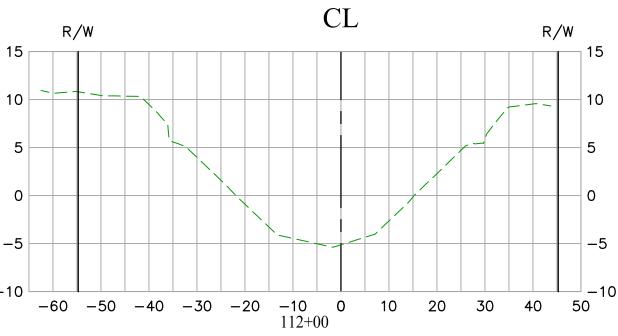




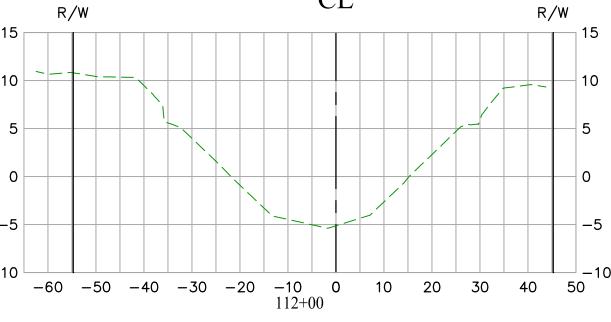












COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING LOS ALAMITOS CHANNEL (C01) EARTHEN SLOPE IMPROVEMENTS SECTIONS PROJECT LIMITS: FROM WESMINSTER BLVD. (DOWNSTREAM) TO GARDEN GROVE FREEWAY (UPSTREAM) DATE OF SURVEY:12/24/2020 BY: J. JOHNS SHEET NO. MAPPING BY: A. VU / H. AFTIM 23 OFFICE CHECK BY: J. MORENO, PLS MARK DATE FIELD CHECK BY: J. JOHNS SCALE:1" = 20' W.O. #EF20403P | FILE #2021PW-PR0001 REVISIONS FILE: LOSS ALLAMITOSS COM NINEL (COO) FARORON 2012 P.D. WIGPROVEMENTS_SECTIONS_2021.DWG

EXISTING CONDITION 12/24/2020 -----RECORD DRAWINGS: C01-701-1A DATE PREPARED: 12/13/2021

Vert. Scale: 1"=10' Hor. Scale: 1"=20'