

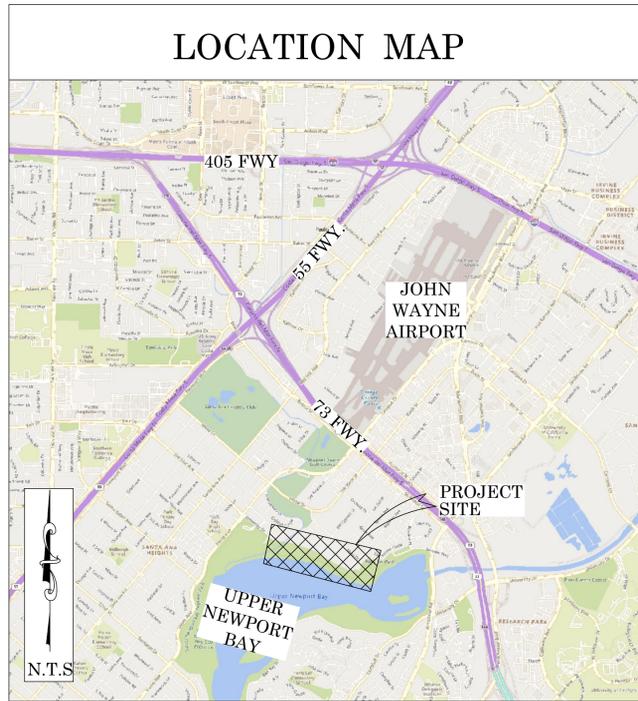


OC PUBLIC WORKS DEPARTMENT

KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS

SANTA ANA DELHI CHANNEL (F01)

EASTERLY MITIGATION



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) (SACY) AND (TRAK) BEING N30°42'07"W AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRN) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

THE COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT. ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.00002582. COMBINATION FACTOR WAS HELD AT POINT NUMBER #404 N: 2186036.95', E: 6065446.87', ELEVATION: 17.66'. ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. CM-21-71 ELEV. = 66.007' YEAR LEVELED 1989
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

DESCRIBED BY OCS 2001 - FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "CM-21-71", SET IN THE TOP OF A 4 IN. BY 4 IN. CONCRETE POST. MONUMENT IS LOCATED IN THE SOUTHERLY CORNER OF THE INTERSECTION OF MESA DRIVE AND CYPRESS, 21 FT. WESTERLY OF THE CENTERLINE OF MESA DRIVE AND 27 FT. SOUTHERLY OF THE CENTERLINE OF CYPRESS, 3 POST. SOUTHERLY OF POWER POLE #1788402E AND IN LINE WITH GUY WIRES. MONUMENT IS SET 0.2 FT. BELOW TOP OF CURB.

ACCURACY STATEMENT

THIS DATA SET WAS PRODUCED TO MEET ASPRS POSITIONAL ACCURACY STANDARDS FOR DIGITAL GEOSPATIAL DATA, EDITION 2, VERSION 2 (2024) FOR A 4 (CM) RMSE_{3D} THREE-DIMENSIONAL POSITIONAL ACCURACY CLASS WITHIN THE NVA TESTED AREA.

SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	BOUNDARY MAP
4	MITIGATION AREA EXHIBIT

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHY TO BE USED IN A MITIGATION STUDY. THE INTENT OF THIS TOPOGRAPHY IS TO REFLECT OVERALL DRAINAGE, AND MITIGATION LIMITS TO BE USED FOR THE DESIGN OF FIXED WORKS, NOR LAND ACQUISITION OR BOUNDARY PURPOSES.

THIS TITLE SHEET WAS DEVELOPED TO PROVIDE DATUM AND CONTROL INFORMATION AND IS ACCOMPANIED ONLY BY A CIVIL 3D AUTOCAD DELIVERABLE WHICH CONTAINS A DIGITAL SURFACE MODEL, AND GEO TIFF HIGH RESOLUTION AERIAL IMAGERY, NO OTHER SHEETS WERE DEVELOPED. THIS SURVEY CONTROL IS BASED ON THE SANTA ANA DELHI CHANNEL REHABILITATION PROJECT 2026.

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 SURVEYORS' ACT; THIS 5 DAY OF MARCH, 2026.

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR

DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 5 DAY OF MARCH, 2026.

ELLIOTT MEDINA, PLS. DEPUTY COUNTY SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES		SANTA ANA DELHI CHANNEL (F01) EASTERLY MITIGATION	
TITLE SHEET			
PROJECT LIMITS: AREA OF HABITAT EAST OF THE BAYVIEW BRIDGE			
DATE OF SURVEY: 02/02/2026	BY: RUSSO & CREW	SHEET NO.	
MAPPING	BY: K. MARTINEZ	1	
OFFICE CHECK	BY: M. KUBISTY, PLS.	of	
FIELD CHECK	BY: RUSSO & CREW	4	
SCALE: N.T.S.	W.O. #EE16404E	FILE #2526PW-ER0005	
FILE: MITIGATION AREAS EXHIBIT.DWG			

MONUMENT NOTES

- 1 FOUND 3 INCH BRASS DISK STAMPED "OCS 8-99", DOWN 1.50 FEET IN WELL, PER (R20). ACCEPTED AS A POINT ON THE CENTERLINE OF MESA DRIVE.
- 2 FOUND GEAR SPIKE AND 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "LS 5411", PER (R21), FLUSH WITH AC, ACCEPTED AS THE INTERSECTION OF MESA DRIVE AND CYPRESS STREET.
- 3 FOUND 1 INCH IRON PIPE, AND TAG STAMPED "PLS '8516", PER (R11), DOWN 0.40 FEET IN DIRT, ACCEPTED AS INTERSECTION OF THE SE'LY LINE OF TRACT 1501, MM 50/16 & THE CENTERLINE OF MESA DRIVE, & ANGLE POINT IN W'LY LINE OF (R1)
- 4 FOUND 6 INCH BY 8 INCH WOOD POST, NO NAIL OR TAG, UP 0.20 FEET IN DIRT, ACCEPTED AS 2.70' OFFSET TO INTERSECTION OF THE SE'LY LINE OF TRACT 1501, MM 50/16 PER SAID TRACT MAP.
- 5 FOUND 1 INCH IRON PIPE, AND TAG STAMPED "PLS 8516", PER (R11), ACCEPTED AS POINT ON RIGHT OF WAY MESA DRIVE.
- 6 FOUND 1 INCH IRON PIPE, AND TAG STAMPED "PLS 8516", PER (R11), DOWN 0.10 FEET IN DIRT, ACCEPTED AS ANGLE POINT IN THE W'LY LINE OF (R1)
- 7 FOUND 1 INCH IRON PIPE, AND TAG STAMPED "PLS 8516", PER (R11), DOWN 0.30 FEET IN DIRT, ACCEPTED AS POINT ON THE W'LY LINE OF (R1)
- 8 FOUND 1 INCH IRON PIPE, AND TAG STAMPED "PLS 8516", PER (R11), UP 0.10 FEET IN DIRT, ACCEPTED AS ANGLE POINT IN THE W'LY LINE OF (R1)
- 9 FOUND 1 INCH IRON PIPE, AND TAG, STAMPED "?109", ACCEPTED AS TAG STAMPED "LS 3109" PER (R30), DOWN 0.10 FEET IN DIRT, DISTURBED, S01°07'24"W 0.07 FEET FROM NE'LY LINE OF (R1)
- 12 FOUND 1 INCH IRON PIPE, WITH NAIL, NO REF, DOWN 0.70 FEET IN DIRT, ACCEPTED AS POINT ON NE'LY COURSE OF (R1) 0.35' E'LY OF B.C. OF (R1)
- 13 FOUND 1 INCH OPEN IRON PIPE WITH NO TAG, DOWN 0.20 FEET IN DIRT, NO REF. N40°38'04"E 0.12 FEET FROM NE'LY LINE OF (R1)
- 14 FOUND 1-1/4 INCH IRON PIPE, WITH PLASTIC CAP STAMPED "PLS 4136" PER (R12) DOWN 0.10 FEET IN DIRT ACCEPTED AS POINT ON NE'LY LINE OF (R1)
- 15 FOUND 1-1/4 INCH IRON PIPE, WITH PLASTIC CAP STAMPED "PLS 4136" PER (R12) DOWN 1.20 FEET IN DIRT . S38°11'28"W 0.08 FEET FROM NE'LY LINE OF (R1)
- 16 FOUND 1 INCH IRON PIPE, AND TAG STAMPED "PLS 7304", PER (R13), UP 0.20 FEET IN DIRT S28°06'38"W 0.22 FEET FROM NE'LY LINE OF (R1)
- 17 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 0.15' IN DIRT, ACCEPTED AS INTERSECTION OF (R1) & (R4)
- 18 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 0.60' IN DIRT, ACCEPTED S'LY CORNER OF (R5)
- 19 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 0.60' IN DIRT, ACCEPTED AS B.C OF SW'LY COURSE OF (R5)
- 20 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 0.60' IN DIRT, ACCEPTED AS THE INTERSECTION OF (R4) & (R6)
- 21 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 0.60' IN DIRT, ACCEPTED AS B.C. OF (R6)
- 22 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 0.30' IN DIRT, ACCEPTED AS INTERSECTION OF (R1) & (R6)
- 23 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 1.70' IN DIRT, ACCEPTED AS B.C OF (R1)
- 24 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) FLUSH IN DIRT, ACCEPTED AS INTERSECTION OF (R1) & (R4)
- 25 FOUND 1 1/2" IRON PIPE WITH TAG STAMPED "LS 6042" PER (R50) DN. 0.30' IN DIRT, ACCEPTED AS ANGLE POINT IN SE'LY LINE OF (R50)
- 26 FOUND 1 1/2" IRON PIPE WITH TAG STAMPED "LS 6042" PER (R50) DN. 0.30' IN DIRT, ACCEPTED AS ANGLE POINT IN SE'LY LINE OF (R50)
- 27 FOUND 1 1/2" IRON PIPE WITH TAG STAMPED "LS 6042" PER (R50) FLUSH' IN DIRT, ACCEPTED AS ANGLE POINT IN SE'LY LINE OF (R50)
- 28 FOUND 1 1/2" IRON PIPE WITH TAG STAMPED "LS 6042" PER (R50) FLUSH' IN DIRT, ACCEPTED AS ANGLE POINT IN SE'LY LINE OF (R50)
- 29 FOUND 1 1/2" IRON PIPE WITH TAG STAMPED "LS 6042" PER (R50) FLUSH' IN DIRT, ACCEPTED AS ANGLE POINT IN SE'LY LINE OF (R50)
- 30 FOUND 1 1/2" IRON PIPE WITH TAG STAMPED "LS 6042" PER (R50) FLUSH' IN DIRT, ACCEPTED AS ANGLE POINT IN SE'LY LINE OF (R50)
- 31 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN .80' IN DIRT, ACCEPTED AS POINT ON E'LY LINE OF (R6)
- 32 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 0.30' IN DIRT, N26°11'27"W, 0.10' FROM E.C OF CENTERLINE BIRCH STREET (ABAND)
- 33 FOUND 2" IRON PIPE WITH TAG STAMPED "O.C.S." PER (R10) DOWN 0.60' IN DIRT, ACCEPTED AS POINT ON CENTERLINE BIRCH STREET (ABAND)

ESTABLISHMENT NOTES

- A ESTABLISHED THE CENTERLINE INTERSECTION OF MESA DRIVE & BIRCH STREET BY TIES PER (R20)
- B S.F.N., ESTABLISHED THE INTERSECTION OF (R1) AND THE SE'LY PROLONGATION OF THE CENTERLINE OF MESA DRIVE HOLDING A RECORD DISTANCE OF 494.21' PER (R2) FROM MONUMENT 3
- C ESTABLISHED THE SW'LY COURSE OF (R1) & HOLDING RECORD INFORMATION PER (R1) BETWEEN MONUMENTS 22 & 23
- D ESTABLISHED THE GENERAL SW'LY COURSE OF (R1) BY COMPASS RULE ADJUSTMENT, TANGENT TO ESTABLISHMENT C FROM MONUMENT 26 TO ESTABLISHMENT E
- E ESTABLISHED NE'LY COURSE OF (R1) HOLDING HOLDING MONUMENTS 19 & 20
- F ESTABLISHED THE GENERAL NE'LY COURSE OF (R1) TANGENT TO ESTABLISHMENT E & HOLDING RECORD INFORMATION PER (R1) FROM MONUMENT 19 TO ESTABLISHMENT H
- G ESTABLISHED HOLDING A RECORD RADIUS OF 1550.00' PER (R1) BETWEEN MONUMENTS 12 & 8
- H ESTABLISHED B.C. BY INTERSECTION OF ESTABLISHMENTS F & G
- I ESTABLISHED THE CENTERLINE OF BIRCH STREET (ABANDONED) BETWEEN ESTABLISHMENT A & MONUMENT 33 TANGENT TO THE ESTABLISHMENT OF THE N'LY LINE OF 11382/1909 O.R., 2207/196 FROM THE SOUTH & THE CENTERLINE BIRCH STREET FROM THE NORTH AS SHOWN BY PREVIOUS TOPOGRAPHY PERFORMED BY O.C.P.W. FOR THE DELHI CHANNEL, PROJECT NUMBER: 1920-IN0016 DATED 2020-2025.
- J ESTABLISHED HOLDING A RECORD OFFSET DISTANCE OF 132.00' PER 89-388787 O.R. SW'LY FROM (R6)

EASEMENT NOTES

- 11 EASEMENT GRANTED (QUITCLAIMED) TO THE COUNTY OF ORANGE. INST. NO.1989000478247 O.R.
- 12 EASEMENT GRANTED (QUITCLAIMED) TO THE COUNTY OF ORANGE. INST. NO.1989000478247 O.R.

REFERENCES

- (R1) = 11382/1898 O.R.
- (R2) = INST. NO. 1985138036 O.R.
- (R3) = INST. NO. 2023000144455 O.R.
- (R4) = INST. NO. 90-395556 O.R.
- (R5) = 11997/22 O.R.
- (R6) = 5906/516 O.R.
- (R7) = INST. NO. 89-478247 O.R..
- (R8) = 2207/198 O.R.
- (R10) = RECORD OF SURVEY 93-1026 RSB 146/2-7
- (R11) = RECORD OF SURVEY 2019-1193 RSB 342/32
- (R12) = RECORD OF SURVEY 94-1004 RSB 153/32
- (R13) = RECORD OF SURVEY 2006-1197 218/10-11
- (R20) = CORNER RECORD 2014-1430
- (R21) = CORNER RECORD 2014-1432
- (R30) = O.C.S. ALIGNMENT NOTE A/SW/IRV/, PG. 3048-3053
- (R40) = TRACT 706 MM 21/25
- (R50) = PARCEL MAP NO. 2016-157 P.M.B. 394-37-43

HORIZONTAL DATUM

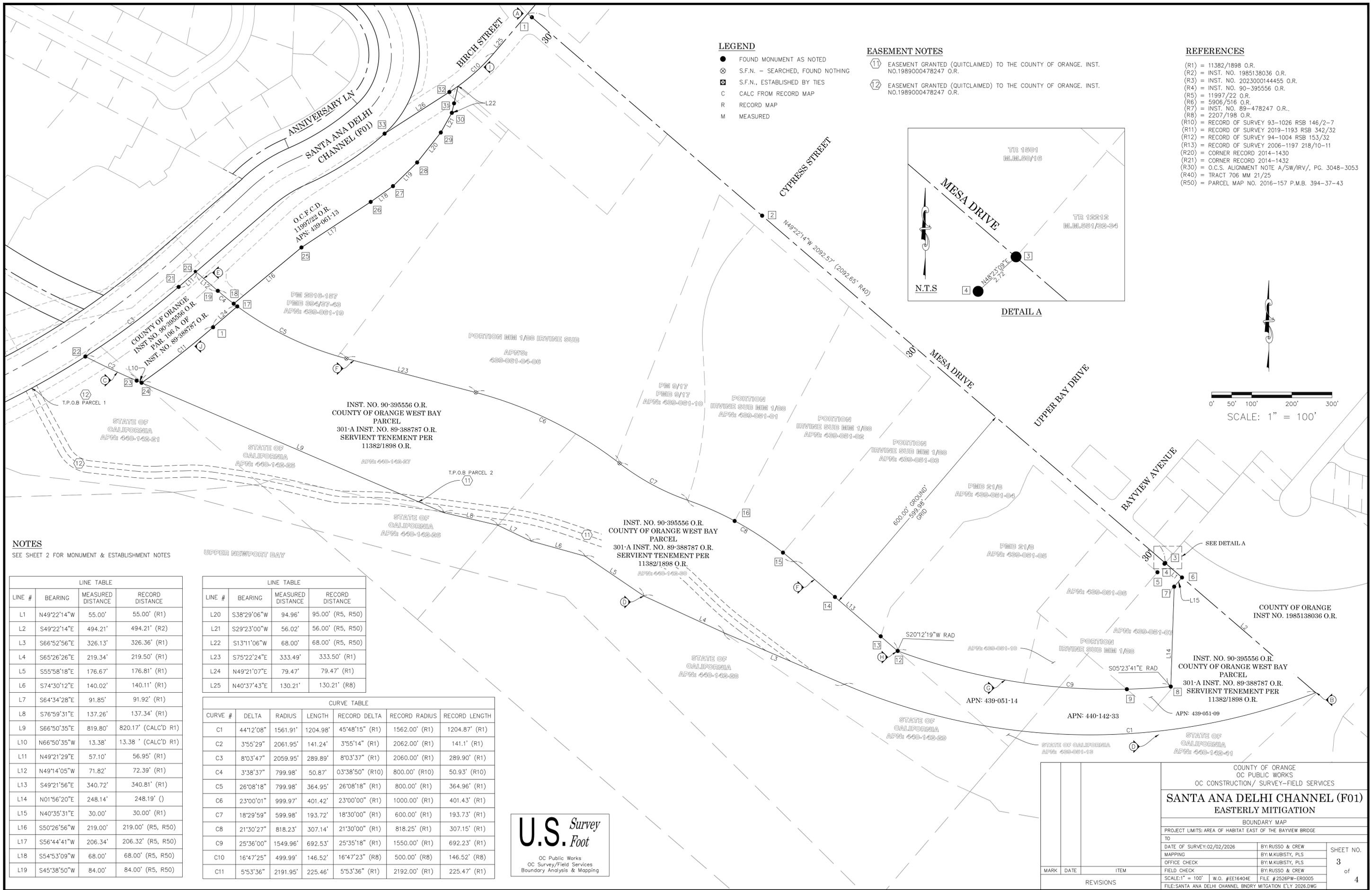
THE COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT. ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.00002582. COMBINATION FACTOR WAS HELD AT POINT NUMBER #404 N:2186036.95', E:6065446.87', ELEVATION: 17.66' ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N49°22'14"W	55.00'	55.00' (R1)
L2	S49°22'14"E	494.21'	494.21' (R2)
L3	S66°52'56"E	326.13'	326.36' (R1)
L4	S65°26'26"E	219.34'	219.50' (R1)
L5	S55°58'18"E	176.67'	176.81' (R1)
L6	S74°30'12"E	140.02'	140.11' (R1)
L7	S64°34'28"E	91.85'	91.92' (R1)
L8	S76°59'31"E	137.26'	137.34' (R1)
L9	S66°50'35"E	819.80'	820.17' (CALC'D R1)
L10	N66°50'35"W	13.38'	13.38' (CALC'D R1)
L11	N49°21'29"E	57.10'	56.95' (R1)
L12	N49°14'05"W	71.82'	72.39' (R1)
L13	S49°21'56"E	340.72'	340.81' (R1)
L14	N01°56'20"E	248.14'	248.19' ()
L15	N40°35'31"E	30.00'	30.00' (R1)
L16	S50°26'56"W	219.00'	219.00' (R5, R50)
L17	S56°44'41"W	206.34'	206.32' (R5, R50)
L18	S54°53'09"W	68.00'	68.00' (R5, R50)
L19	S45°38'50"W	84.00'	84.00' (R5, R50)
L20	S38°29'06"W	94.96'	95.00' (R5, R50)
L21	S29°23'00"W	56.02'	56.00' (R5, R50)
L22	S13°11'06"W	68.00'	68.00' (R5, R50)
L23	S75°22'24"E	333.49'	333.50' (R1)
L24	N49°21'07"E	79.47'	79.47' (R1)
L25	N40°37'43"E	130.21'	130.21' (R8)
L26	N57°25'06"E	192.08'	191.89' (R10)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	44°12'08"	1561.91'	1204.98'	45°48'15" (R1)	1562.00' (R1)	1204.87' (R1)
C2	3°55'29"	2061.95'	141.24'	3°55'14" (R1)	2062.00' (R1)	141.1' (R1)
C3	8°03'47"	2059.95'	289.89'	8°03'37" (R1)	2060.00' (R1)	289.90' (R1)
C4	3°38'37"	799.98'	50.87'	03°38'50" (R10)	800.00' (R10)	50.93' (R10)
C5	26°08'18"	799.98'	364.95'	26°08'18" (R1)	800.00' (R1)	364.96' (R1)
C6	23°00'01"	999.97'	401.42'	23°00'00" (R1)	1000.00' (R1)	401.43' (R1)
C7	18°29'59"	599.98'	193.72'	18°30'00" (R1)	600.00' (R1)	193.73' (R1)
C8	21°30'27"	818.23'	307.14'	21°30'00" (R1)	818.25' (R1)	307.15' (R1)
C9	25°36'00"	1549.96'	692.53'	25°35'18" (R1)	1550.00' (R1)	692.23' (R1)
C10	16°47'25"	499.99'	146.52'	16°47'23" (R8)	500.00' (R8)	146.52' (R8)
C11	5°53'36"	2191.95'	225.46'	5°53'36" (R1)	2192.00' (R1)	225.47' (R1)



COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION / SURVEY-FIELD SERVICES			
SANTA ANA DELHI CHANNEL (F01) EASTERLY MITIGATION			
BOUNDARY MAP			
PROJECT LIMITS: AREA OF HABITAT EAST OF THE BAYVIEW BRIDGE			
TO			
DATE OF SURVEY: 02/02/2026	BY: RUSSO & CREW	SHEET NO. 2 of 4	
MAPPING	BY: MKUBISTY, PLS		
OFFICE CHECK	BY: MKUBISTY, PLS		
FIELD CHECK	BY: RUSSO & CREW		
SCALE: N.T.S	W.O. #EE16404E		
REVISIONS		FILE: #2526PW-ER0005	
FILE: SANTA ANA DELHI CHANNEL BNDRY MITIGATION E'LY 2026.DWG			



LEGEND

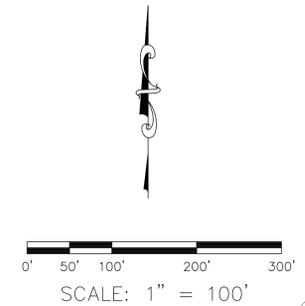
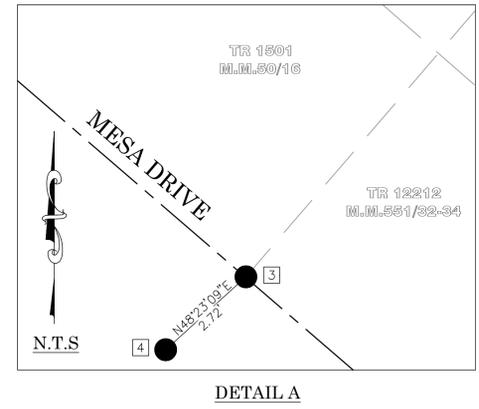
- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊠ S.F.N., ESTABLISHED BY TIES
- C CALC FROM RECORD MAP
- R RECORD MAP
- M MEASURED

EASEMENT NOTES

- ① EASEMENT GRANTED (QUITCLAIMED) TO THE COUNTY OF ORANGE. INST. NO. 1989000478247 O.R.
- ② EASEMENT GRANTED (QUITCLAIMED) TO THE COUNTY OF ORANGE. INST. NO. 1989000478247 O.R.

REFERENCES

- (R1) = 11382/1898 O.R.
- (R2) = INST. NO. 1985138036 O.R.
- (R3) = INST. NO. 2023000144455 O.R.
- (R4) = INST. NO. 90-395556 O.R.
- (R5) = 11997/22 O.R.
- (R6) = 5906/516 O.R.
- (R7) = INST. NO. 89-478247 O.R.
- (R8) = 2207/198 O.R.
- (R10) = RECORD OF SURVEY 93-1026 RSB 146/2-7
- (R11) = RECORD OF SURVEY 2019-1193 RSB 342/32
- (R12) = RECORD OF SURVEY 94-1004 RSB 153/32
- (R13) = RECORD OF SURVEY 2006-1197 218/10-11
- (R20) = CORNER RECORD 2014-1430
- (R21) = CORNER RECORD 2014-1432
- (R30) = O.C.S. ALIGNMENT NOTE A/SW/RV/, PG. 3048-3053
- (R40) = TRACT 706 MM 21/25
- (R50) = PARCEL MAP NO. 2016-157 P.M.B. 394-37-43



NOTES
SEE SHEET 2 FOR MONUMENT & ESTABLISHMENT NOTES

UPPER NEWPORT BAY

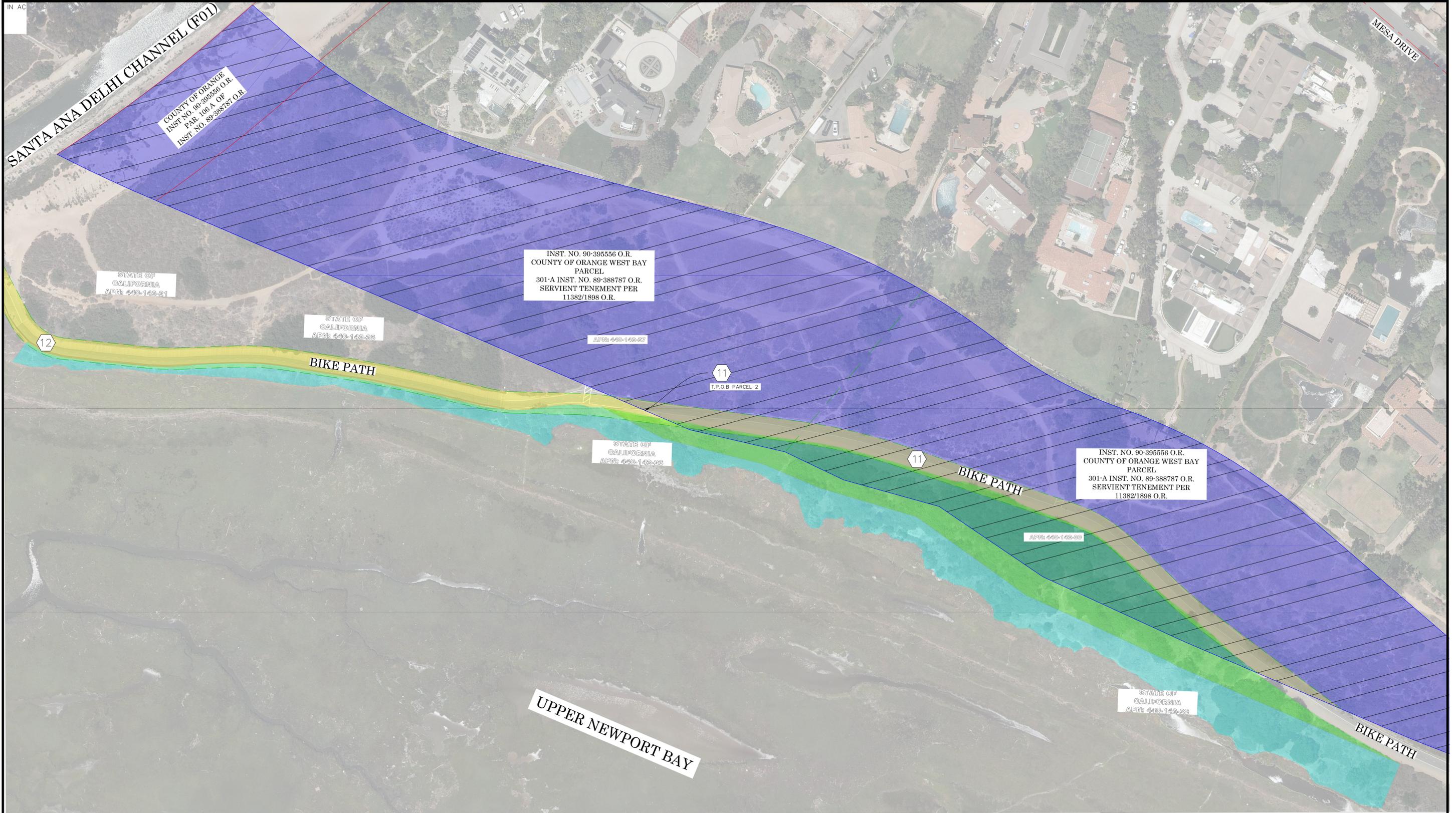
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N49°22'14"W	55.00'	55.00' (R1)
L2	S49°22'14"E	494.21'	494.21' (R2)
L3	S66°52'56"E	326.13'	326.36' (R1)
L4	S65°26'26"E	219.34'	219.50' (R1)
L5	S55°58'18"E	176.67'	176.81' (R1)
L6	S74°30'12"E	140.02'	140.11' (R1)
L7	S64°34'28"E	91.85'	91.92' (R1)
L8	S76°59'31"E	137.26'	137.34' (R1)
L9	S66°50'35"E	819.80'	820.17' (CALC'D R1)
L10	N66°50'35"W	13.38'	13.38' (CALC'D R1)
L11	N49°21'29"E	57.10'	56.95' (R1)
L12	N49°14'05"W	71.82'	72.39' (R1)
L13	S49°21'56"E	340.72'	340.81' (R1)
L14	N01°56'20"E	248.14'	248.19' ()
L15	N40°35'31"E	30.00'	30.00' (R1)
L16	S50°26'56"W	219.00'	219.00' (R5, R50)
L17	S56°44'41"W	206.34'	206.32' (R5, R50)
L18	S54°53'09"W	68.00'	68.00' (R5, R50)
L19	S45°38'50"W	84.00'	84.00' (R5, R50)

LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L20	S38°29'06"W	94.96'	95.00' (R5, R50)
L21	S29°23'00"W	56.02'	56.00' (R5, R50)
L22	S13°11'06"W	68.00'	68.00' (R5, R50)
L23	S75°22'24"E	333.49'	333.50' (R1)
L24	N49°21'07"E	79.47'	79.47' (R1)
L25	N40°37'43"E	130.21'	130.21' (R8)

CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	44°12'08"	1561.91'	1204.98'	45°48'15" (R1)	1562.00' (R1)	1204.87' (R1)
C2	3°55'29"	2061.95'	141.24'	3°55'14" (R1)	2062.00' (R1)	141.1' (R1)
C3	8°03'47"	2059.95'	289.89'	8°03'37" (R1)	2060.00' (R1)	289.90' (R1)
C4	3°38'37"	799.98'	50.87'	03°38'50" (R10)	800.00' (R10)	50.93' (R10)
C5	26°08'18"	799.98'	364.95'	26°08'18" (R1)	800.00' (R1)	364.96' (R1)
C6	23°00'01"	999.97'	401.42'	23°00'00" (R1)	1000.00' (R1)	401.43' (R1)
C7	18°29'59"	599.98'	193.72'	18°30'00" (R1)	600.00' (R1)	193.73' (R1)
C8	21°30'27"	818.23'	307.14'	21°30'00" (R1)	818.25' (R1)	307.15' (R1)
C9	25°36'00"	1549.96'	692.53'	25°35'18" (R1)	1550.00' (R1)	692.23' (R1)
C10	16°47'25"	499.99'	146.52'	16°47'23" (R8)	500.00' (R8)	146.52' (R8)
C11	5°53'36"	2191.95'	225.46'	5°53'36" (R1)	2192.00' (R1)	225.47' (R1)



COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES		SANTA ANA DELHI CHANNEL (F01) EASTERLY MITIGATION	
PROJECT LIMITS: AREA OF HABITAT EAST OF THE BAYVIEW BRIDGE			
DATE OF SURVEY: 02/02/2026		BY: RUSSO & CREW	
MAPPING		BY: MKUBISTY, PLS	
OFFICE CHECK		BY: MKUBISTY, PLS	
FIELD CHECK		BY: RUSSO & CREW	
SCALE: 1" = 100'		W.O. #EE16404E FILE #2526PW-ER0005	
FILE: SANTA ANA DELHI CHANNEL BNDRY MITIGATION ELY 2026.DWG		SHEET NO. 3 of 4	



IN AC

SANTA ANA DELHI CHANNEL (F01)

MESA DRIVE

COUNTY OF ORANGE
INST. NO. 90-395556 O.R.
PAR. 106 A OF
INST. NO. 89-388787 O.R.

INST. NO. 90-395556 O.R.
COUNTY OF ORANGE WEST BAY
PARCEL
301-A INST. NO. 89-388787 O.R.
SERVIENT TENEMENT PER
11382/1898 O.R.

STATE OF CALIFORNIA
APN: 440-142-21

STATE OF CALIFORNIA
APN: 440-142-28

APN: 440-142-27

11
T.P.O.B PARCEL 2

STATE OF CALIFORNIA
APN: 440-142-26

11

INST. NO. 90-395556 O.R.
COUNTY OF ORANGE WEST BAY
PARCEL
301-A INST. NO. 89-388787 O.R.
SERVIENT TENEMENT PER
11382/1898 O.R.

APN: 440-142-30

STATE OF CALIFORNIA
APN: 440-142-28

UPPER NEWPORT BAY

BIKE PATH



LEGEND

LINE PATTERN KEY
 - - - - - Easement

AREA PATTERN KEY

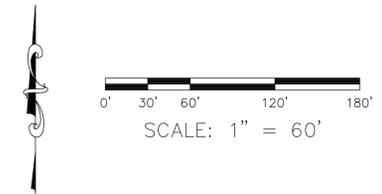
	Mitigation Area 1		Mitigation Area 2		County of Orange Parcel		County of Orange Easement
--	-------------------	--	-------------------	--	-------------------------	--	---------------------------

NOTE: MITIGATION AREA PROVIDED BY THE CALIFORNIA DEPARTMENT FISH AND WILDLIFE

EASEMENT NOTES

① EASEMENT GRANTED (QUITCLAIMED) TO THE COUNTY OF ORANGE. INST. NO.1989000478247 O.R.

② EASEMENT GRANTED (QUITCLAIMED) TO THE COUNTY OF ORANGE. INST. NO.1989000478247 O.R.



COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES		SANTA ANA DELHI CHANNEL (F01) EASTERLY MITIGATION	
EXHIBIT			
PROJECT LIMITS: AREA OF HABITAT EAST OF THE BAYVIEW BRIDGE			
DATE OF SURVEY: 02/02/2026	BY: RUSSO & CREW	SHEET NO.	
MAPPING	BY: K.MARTINEZ	4	
OFFICE CHECK	BY: M.KUBISTY, PLS	of	
FIELD CHECK	BY: RUSSO & CREW	4	
SCALE: N.T.S.	W.O. #EE16404E	FILE #2526PW-ER0005	
FILE: MITIGATION AREAS EXHIBIT.DWG			