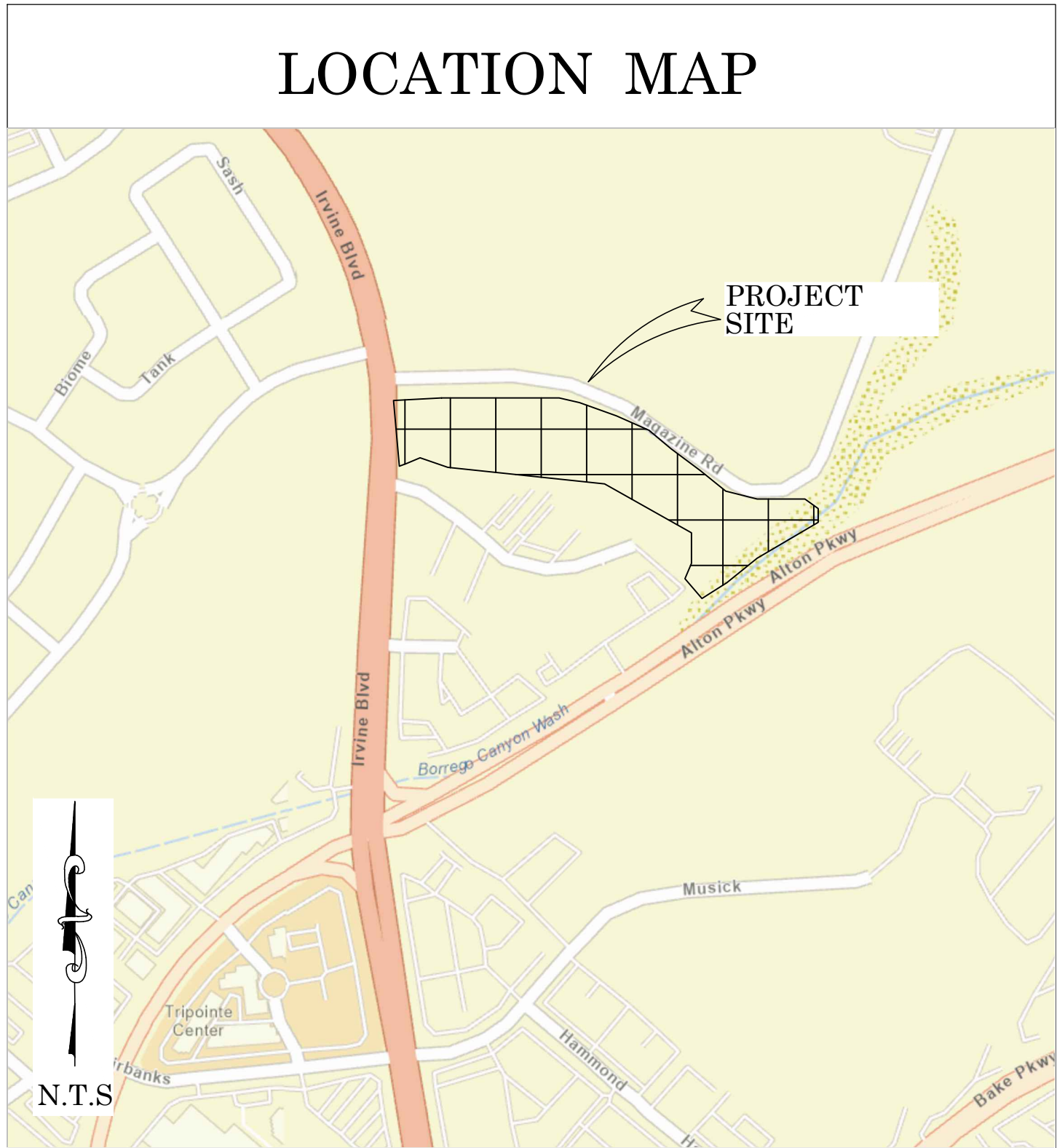




OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
ALTON PARKWAY WILDLIFE CORRIDOR



FOUND CGPS "OEOC"
N: 2225550.983'
E: 6107583.768'
THIS IS A CONTINUOUS GPS STATION
(CGPS) AND IS PART OF THE CALIFORNIA
SPATIAL REFERENCE NETWORK (CSRN).

ASBUILT
NEWLY CONSTRUCTED EARTHEN SWALES



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 14 DAY OF MARCH, 2023.

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 14 DAY OF
MARCH, 2023.

MICHAEL LAFONTAINE, PLS. DEPUTY COUNTY SURVEYOR



U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

FOUND CGPS "TRAK"
N: 2171992.614'
E: 6088761.195'
THIS IS A CONTINUOUS GPS STATION
(CGPS) AND IS PART OF THE CALIFORNIA
SPATIAL REFERENCE NETWORK (CSRN).

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 (OEOC) AND (TRAK) BEING
NORTH 19°21'49" EAST 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

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 DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.000045662
THIS COMBINATION FACTOR WAS DERIVED BY HOLDING POINT #407
N: 2189993.891 E: 6119073.712 ELEV.=459.45'

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

VERTICAL DATUM

O.C.S. BM. 3E-112-90 ELEV. = 456.541' YEAR LEVELED: 1990

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

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED
"3E-112-90" SET IN THE NORTHERLY END OF AN 80 FT. LONG CONCRETE
HEADWALL. MONUMENT IS LOCATED ALONG THE NORTHEASTERLY SIDE OF IRVINE
BOULEVARD, 230 FT. NORTHERLY OF THE CENTERLINE OF MAGAZINE ROAD AND
60 FT. EASTERLY OF THE CENTERLINE OF IRVINE. MONUMENT IS SET LEVEL WITH
THE TOP OF THE HEADWALL.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC
RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR
BOUNDARY PURPOSES.
PARCELS SHOWN WITHOUT BEARING AND DISTANCES ARE FOR GRAPHICAL
PURPOSES AND ARE PENDING RECEIPT OF TITLE REPORT.

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET	1	TITLE SHEET
SHEETS	2-5	BOUNDARY MAP
SHEETS	6-7	ALIGNMENT SHEET
SHEETS	8-10	TOPOGRAPHIC MAP

BASIS OF STATIONING

SEE ALIGNMENT SHEETS 6 & 7

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE AN AS-BUILT OF THE NEWLY
CONSTRUCTED EARTHEN SWALES.

1	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			ALTON PARKWAY WILDLIFE CORRIDOR				
			TITLE SHEET				
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD TO ALTON PARKWAY				
			DATE OF SURVEY: 08/07/2020		BY: T. LOFGREEN		SHEET NO. 1 of 10
			MAPPING		BY: R. BELTRAN		
			OFFICE CHECK		BY: M. KUBISTY, PLS		
			FIELD CHECK		BY: T. LOFGREEN & PARTY		
			SCALE: N.T.S.		W.O. #ER20551		10
			REVISIONS		FILE #1920PW-IN0027		
					FILE: E:\TRANSMIT_ALTON PKWY WILDLIFE CORRIDOR_TOPO_2020.DWG		

BASIS OF BEARINGS

THE BASIS OF BEARINGS SHOWN HEREON ARE BASED ON THE CGPS STATIONS (OEOC) AND (TRAK) HAVING A BEARING OF NORTH 19°21’49” EAST.

HORIZONTAL DATUM

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 1.00004566.

COMBINATION FACTOR WAS HELD AT POINT NUMBER 407
N: 2189993.89’, E: 6119073.71’, ELEVATION= 459.45’

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.

REFERENCES

- (R1) = RECORD OF SURVEY 2012–1066, R.S.B. 261/11–14
- (R2) = CORNER RECORD , C.R. 2020–2193
- (R3) = RECORD OF SURVEY 90–1127, R.S.B. 145/28–32
- (R4) = TRACT NO. 18184, M.M. 986/34–47
- (R5) = RECORD OF SURVEY 2011–1042, R.S.B. 254/21–36
- (R6) = TRACT NO. 17880, M.M. 945/1–15
- (R7) = DEED, INSTRUMENT NO. 201400013051, O.R.
- (R8) = TRACT NO. 17202, M.M. 967/30–36
- (R9) = DEED, INSTRUMENT NO. 200500536290, O.R.
- (R10) = RECORD OF SURVEY 97–1038, R.S.B. 171/1–49
- (R11) = PARCEL MAP NO. 98–192, P.M.B. 313/37–43
- (R12) = PARCEL MAP NO. 90–226, P.M.B. 260/23–25
- (R13) = DEED, INSTRUMENT NO. 198600597360, O.R.
- (R14) = DEED, INSTRUMENT NO. 199600605850, O.R.
- (R15) = DEED, BOOK 12057, PAGE 1904, RECORDED 1977, O.R.
- (R16) = DEED, INSTRUMENT NO. 200900655591, O.R.
- (R17) = DEED, INSTRUMENT NO. 201300109106, O.R.
- (R18) = RECORD OF SURVEY, R.S.B. 54/14
- (R19) = RECORD OF SURVEY 94–1032, R.S.B. 151/42–45
- (R20) = TRACT NO. 18022, M.M. 964/1–37
- (R21) = RECORD OF SURVEY 2007–1206, R.S.B. 225/29–42
- (R22) = DEED, INSTRUMENT NO. 201400191199, O.R.
- (R23) = DEED, INSTRUMENT NO. 201400191200, O.R.
- (R24) = LEGAL DESCRIPTION, LD 2013–027 PARCEL 163
- (R25) = LEGAL DESCRIPTION, LD 2013–027 PARCEL 159

NOTES

REFERENCE DOCUMENTS IN THE REFERENCE LEGEND AND EASEMENT NOTES ARE LIVE HYPERLINKS TO SAID DOCUMENT.

RECORDS (R24) AND (R25) WERE NOT FOUND ON FILE IN OFFICIAL RECORDS.

MONUMENT NOTES

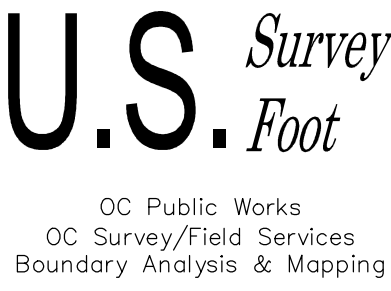
- [1] FOUND SPIKE & WASHER STAMPED "LS 5134" PER (R1), FLUSH IN AC, ACCEPTED AS THE INTERSECTION OF IRVINE BLVD & ALTON PKWY.
- [2] FOUND PUNCHED SPIKE & WASHER STAMPED "LS 5134" PER (R1), FLUSH IN AC, ACCEPTED AS POINT IN CENTERLINE B.C. OF ALTON PKWY.
- [3] FOUND 2" I.P. W/ TAG STAMPED "LS 5143" PER (R1), DN 0.3' IN DIRT, ACCEPTED AS POINT IN CENTERLINE E.C. OF ALTON PKWY.
- [4] FOUND SPIKE & WASHER PER (R1), FLUSH IN AC, ACCEPTED AS A POINT IN THE CENTERLINE OF ALTON PKWY.
- [5] FOUND 2" I.P. W/ TAG STAMPED "LS 5143" PER (R1), DN 0.2' IN DIRT, ACCEPTED AS POINT IN CENTERLINE B.C. OF ALTON PKWY.
- [6] FOUND 2" I.P. W/ TAG STAMPED "LS 5143" PER (R1), DN 0.2' IN DIRT, ACCEPTED AS POINT IN CENTERLINE E.C. OF ALTON PKWY.
- [7] FOUND 1" I.P. W/ TAG STAMPED "LS 5134" PER (R1), DN 0.2' IN DIRT, ACCEPTED AS THE NORTH CORNER OF THE JAMES A. MUSICK FACILITY.
- [8] FOUND SPIKE & WASHER STAMPED "LS 5134" PER (R1), FLUSH IN AC, S49°16'33"E 0.11' FROM THE WEST CORNER OF THE JAMES A. MUSICK FACILITY.
- [9] FOUND MAG NAIL & 1 1/2" WASHER STAMPED "LS 6469" PER (R2), FLUSH IN AC, ACCEPTED AS POINT IN CENTERLINE E.C. OF IRVINE BLVD.
- [10] FOUND 2" I.P. W/ MAG NAIL & OCS WASHER PER (R3), DN 0.4' IN DIRT, ACCEPTED AS THE INTERSECTION OF LINE ESTABLISHMENTS [9] & [10].
- [11] FOUND 2" I.P. W/ TACK & TAG STAMPED "LS 8639" PER (R4), DN 0.1' IN DIRT, ACCEPTED AS POINT IN CENTERLINE B.C. OF IRVINE BLVD.
- [12] FOUND SQUARE HEAD SPIKE & 1 1/2" WASHER STAMPED "LS 8639" PER (R4), DN 0.1' IN AC, ACCEPTED AS POINT IN CENTERLINE E.C. OF IRVINE BLVD.
- [13] FOUND SPIKE & 1 1/2" WASHER STAMPED "LS 8639" PER (R6), FLUSH IN AC, S40°40'38"W 0.04' FROM THE CENTERLINE OF IRVINE BLVD.
- [14] FOUND SPIKE & 1 1/2" WASHER STAMPED "LS 8639" PER (R8), FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF IRVINE BLVD & MERIT ST.
- [15] FOUND SQUARE HEAD SPIKE & 1 1/2" WASHER STAMPED "LS 8639" PER (R20), FLUSH IN AC, ACCEPTED AS A POINT ON CENTERLINE OF IRVINE BLVD.
- [16] FOUND 1 1/2" ALUM CAPPED REBAR STAMPED "LS 8639" PER (R8), ACCEPTED AS THE POINT OF TRUE POINT OF BEGINNING FOR PARCEL II–F OF (R9).
- [17] FOUND 2" I.P. W/ 1 1/2" OCS TAG PER (R10), FLUSH IN DIRT, ACCEPTED AS ANGLE POINT IN N'LY LINE OF PARCEL II–F OF (R9).
- [18] FOUND 2" I.P. W/ 1 1/2" OCS TAG PER (R10), UP 0.2' IN DIRT, ACCEPTED AS ANGLE POINT IN N'LY LINE OF PARCEL II–F OF (R9).
- [19] FOUND 2" I.P. W/ 1 1/2" OCS TAG PER (R10), DN 0.2' IN DIRT, ACCEPTED AS ANGLE POINT IN PARCEL II–F OF (R9).
- [20] FOUND 2" I.P. W/ 1 1/2" OCS TAG PER (R10), DN 0.5' IN DIRT, ACCEPTED AS ANGLE POINT IN PARCEL II–F OF (R9).
- [21] FOUND 2" I.P. W/ 1 1/2" OCS TAG PER (R10), FLUSH IN DIRT, ACCEPTED AS ANGLE POINT IN PARCEL II–F OF (R9). POINT ALSO BEING THE POINT OF BEGINNING FOR PARCEL II–F–A OF (R7).
- [22] FOUND 2" I.P. W/ 1 1/2" OCS TAG PER (R10), DN 0.5' IN DIRT, ACCEPTED AS ANGLE POINT IN PARCEL II–F OF (R9).
- [23] FOUND 2" I.P. W/ 1 1/2" OCS TAG PER (R10), DN 1.0' IN DIRT, ACCEPTED THE N'LY CORNER OF PARCEL 102 OF (R14).
- [24] FOUND 1" I.P. W/ TAG STAMPED "LS 5134" PER (R1), FLUSH IN DIRT, N40°43'40"E 0.04' FROM SE'LY LINE OF U.S. M.C.A.S. EL TORO PROPERTY PER (R10).
- [25] FOUND LEAD TACK & OCS TAG PER (R10), FLUSH IN CONCRETE FOOTING, ACCEPTED AS POINT IN SE'LY LINE OF U.S. M.C.A.S. EL TORO PROPERTY PER (R10).
- [26] FOUND 1" I.P. W/ TAG STAMPED "LS 4691" PER (R11), DN 0.3' IN DIRT, ACCEPTED AS NORTHEAST CORNER OF LOT 9 OF (R11).
- [27] FOUND 2" I.P. W/ TAG STAMPED "LS 4691" PER (R12), DN 0.4' IN DIRT, ACCEPTED AS THE NORTH CORNER OF PARCEL 1 OF (R12).
- [28] FOUND LEAD & 3/4" TAG STAMPED "LS 5134" PER (R1), FLUSH IN CONCRETE, N07°22'13"W 0.23' FROM THE INTERSECTION OF THE W'LY CORNER OF PARCEL 1 OF (R12) AND THE E'LY RIGHT OF WAY OF IRVINE BLVD.
- [29] FOUND 2" I.P. W/ NO TAG IN LIEU OF 2" I.P. W/ O.C.S. BRASS DISK AND NAIL PER (R19), DN 0.3' IN DIRT, ACCEPTED AS THE SOUTH CORNER OF THE JAMES A. MUSICK FACILITY.

EASEMENT NOTES

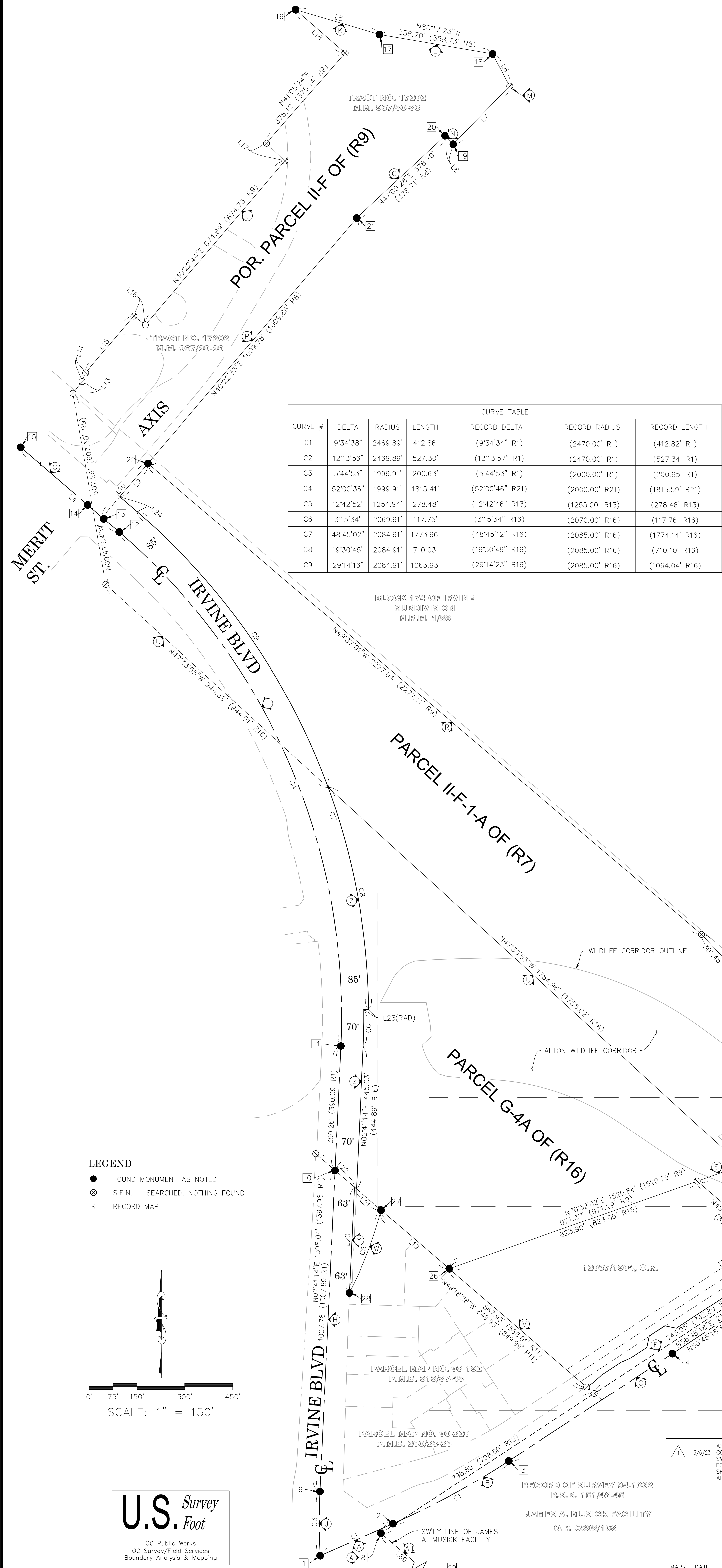
- [1] EASEMENT GRANTED TO O.C.F.C.D. FOR UTILITY PURPOSES WITHIN PARCEL 502.1, FACILITY F20, INSTRUMENT NO. 199700126818, O.R.
- [2] EASEMENT GRANTED TO O.C.F.C.D. FOR UTILITY PURPOSES WITHIN PARCEL 502, FACILITY F20, INSTRUMENT NO. 199700126818, O.R.
- [3] EASEMENT GRANTED TO O.C.F.C.D. FOR FLOOD CONTROL AND WATER CONSERVATION PURPOSES WITHIN PARCEL 501A, FACILITY F20, INSTRUMENT NO. 199700126816, O.R.
- [4] EASEMENT GRATED TO O.C.F.C.D. FOR CONSTRUCTION PURPOSES WITHIN PARCEL 501.1A, FACILITY F20, INSTRUMENT NO. 199700126819, O.R.

ESTABLISHMENT NOTES

- [A] ESTABLISHED THE CENTERLINE OF ALTON PKWY BY HOLDING A LINE BETWEEN MONUMENTS [1] & [2] PER (R1).
- [B] ESTABLISHED THE CENTERLINE OF ALTON PKWY BY HOLDING A LINE BETWEEN MONUMENTS [2] & [3] RECORD RADIUS PER (R1).
- [C] ESTABLISHED THE CENTERLINE OF ALTON PKWY BY HOLDING A LINE BETWEEN MONUMENTS [3] & [5] PER (R1).
- [D] ESTABLISHED THE CENTERLINE OF ALTON PKWY BY HOLDING A LINE BETWEEN MONUMENTS [5] & [6] RECORD RADIUS PER (R1).
- [E] ESTABLISHED THE SW'LY LINE OF U.S. M.C.A.S. EL TORO PROPERTY PER (R10) BY HOLDING MONUMENTS [23] & [25] .
- [F] ESTABLISHED THE NW'LY LINE OF THE JAMES A. MUSICK FACILITY BY HOLDING A LINE PARALLEL WITH & PERPENDICULAR 30' PER (R19) NW'LY OF LINE ESTABLISHMENT NOTE [C] .
- [G] ESTABLISHED THE CENTERLINE OF IRVINE BLVD BY HOLDING A LINE BETWEEN MONUMENTS [12] & [15] PER (R8).
- [H] ESTABLISHED THE CENTERLINE OF IRVINE BLVD BY HOLDING A LINE BETWEEN MONUMENTS [9] & [11] PER (R1).
- [I] ESTABLISHED THE CENTERLINE OF IRVINE BLVD BY HOLDING RECORD RADIUS OF 2000' PER (R5) AND TANGENT TO LINE ESTABLISHMENTS [C] AND [D] .
- [J] ESTABLISHED THE CENTERLINE OF IRVINE BLVD BY HOLDING RECORD RADIUS OF 2000' PER (R1) AND TANGENT TO LINE ESTABLISHMENT NOTE [D] .
- [K] ESTABLISHED THE N'LY BOUNDARY OF PARCEL II–F OF (R9) BY HOLDING A LINE BETWEEN MONUMENTS [16] & [17] PER (R8)
- [L] ESTABLISHED THE N'LY BOUNDARY OF PARCEL II–F OF (R9) BY HOLDING A LINE BETWEEN MONUMENTS [17] & [18] PER (R8)
- [M] ESTABLISHED THE E'LY BOUNDARY OF PARCEL II–F OF (R9) BY HOLDING RECORD ANGLES PER (R9) FROM LINE ESTABLISHMENTS [C] AND [D] .
- [N] ESTABLISHED THE S'LY BOUNDARY OF PARCEL II–F OF (R9) BY HOLDING A LINE BETWEEN MONUMENTS [19] & [20] PER (R8)
- [O] ESTABLISHED THE S'LY BOUNDARY OF PARCEL II–F OF (R9) BY HOLDING A LINE BETWEEN MONUMENTS [20] & [21] PER (R8)
- [P] ESTABLISHED THE S'LY BOUNDARY OF PARCEL II–F OF (R9) BY HOLDING A LINE BETWEEN MONUMENTS [21] & [22] PER (R8)
- [Q] ESTABLISHED POINT ON N'LY BOUNDARY PARCEL II–F OF (R9) BY HOLDING A RECORD DISTANCE OF 77.98' PER (R10) NW'LY ALONG LINE ESTABLISHMENT [E] FROM MONUMENT NOTE [22].
- [R] ESTABLISHED NE'LY BOUNDARY OF PARCEL II–F–1–A OF (R23) BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENT [22] AND ESTABLISHMENT NOTE [D] PER (R9).
- [S] ESTABLISHED THE SE'LY LINE OF U.S. M.C.A.S. EL TORO PER (R10) PROPERTY BY HOLDING A LINE BETWEEN MONUMENTS [23] & [28] .
- [T] ESTABLISHED THE SOUTH CORNER OF PARCEL II–F OF (R9) HOLDING RECORD DISTANCE ALONG LINE ESTABLISHMENT [S] FROM MONUMENT [23] PER (R9).
- [U] ESTABLISHED THE SW'LY AND NW'LY BOUNDARY OF PARCEL II–F OF (R9) BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENT [16] AND ESTABLISHMENT NOTE [I] PER (R9).
- [V] ESTABLISHED THE NE'LY LINE OF PARCEL 1 OF (R12) BY HOLDING THE SE'LY PROLONGATION OF A LINE BETWEEN MONUMENT NOTES [26] AND [27] TO IT'S SE'LY TERMINUS WITH THE NW'LY RIGHT OF WAY OF ALTON PKWY PER (R11).
- [W] ESTABLISHED THE NW'LY LINE OF PARCEL 1 OF (R12) HOLDING RECORD CURVE DATA PER (R13) SW'LY FROM MONUMENT NOTE [27] TO THE E'LY RIGHT OF WAY OF IRVINE AVE.
- [X] ESTABLISHED THE SW'LY OF PARCEL 102 OF (R14) HOLDING RECORD COURSE ALONG LINE ESTABLISHMENT [C] FROM MONUMENT [7] PER (R14) & (R15).
- [Y] ESTABLISHED THE E'LY RIGHT OF WAY OF IRVINE BLVD HOLDING A LINE PARALLEL AND 63' PER (R1) E'LY FROM ESTABLISHMENT NOTE [D] .
- [Z] ESTABLISHED THE E'LY LINE OF PARCEL G–4A OF (R16) BY HOLDING RECORD COURSES PER (R16).
- [AA] ESTABLISHED THE SE'LY LINE OF PARCEL II–F–1 OF (R17) BY HOLDING A RECORD ANGLE PER (R17) FROM LINE ESTABLISHMENT [S] AT ESTABLISHMENT NOTE [D] .
- [AB] ESTABLISHED THE NW'LY RIGHT OF WAY OF ALTON PKWY BY HOLDING A LINE PARALLEL AND 60' PER (R1) NW'LY FROM ESTABLISHMENT NOTES [C] & [D] .
- [AC] ESTABLISHED NW'LY RIGHT OF WAY OF ALTON PKWY BY HOLDING RECORD COURSES PER (R22) NE'LY FROM THE INTERSECTION OF LINE ESTABLISHMENTS [D] AND [AB] .
- [AD] ESTABLISHED NW'LY RIGHT OF WAY OF ALTON PKWY BY HOLDING RECORD COURSES PER (R23) SW'LY FROM THE INTERSECTION OF LINE ESTABLISHMENTS [E] AND [AB] .
- [AE] ESTABLISHED PARCEL 159 OF (R25) BY HOLDING RECORD COURSES PER (R25) SW'LY FROM THE INTERSECTION ON LINE ESTABLISHMENTS [E] AND [AB] .
- [AF] ESTABLISHED PARCEL 163 OF (R24) HOLD RECORD COURSES PER (R24) N'LY FROM MONUMENT NOTE [5] .
- [AG] ESTABLISHED EXCEPTION AREA OF PARCEL 163 OF (R24) BY HOLDING RECORD COURSES PER (R24) FROM ESTABLISHMENT NOTE [AF] .
- [AH] ESTABLISHED THE SW'LY LINE OF THE JAMES A. MUSICK FACILITY BY HOLDING A LINE BETWEEN MONUMENTS [8] & [29] .
- [AI] ESTABLISHED THE WEST CORNER OF THE JAMES A. MUSICK FACILITY BY INTERSECTION OF LINE ESTABLISHMENTS [D] AND [AB] .



⚠	3/6/23	AS—BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8—10 FOR TOPOGRAPHIC MAP, AND SHEETS 6—7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			ALTON PKWY WILDLIFE CORRIDOR				
			BOUNDARY NOTES				
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD TO ALTON PARKWAY				
	MARK	DATE	ITEM	DATE OF SURVEY: 08/07/2020	BY: T. LOFGREEN	SHEET NO.	
				MAPPING	BY: A. VU		
	REVISIONS			OFFICE CHECK	BY: M. LAFONTAINE, PLS	2 of 10	
				FIELD CHECK	BY: T. LOFGREEN & PARTY		
				SCALE: N/A	W.O. #EF21342		FILE #1920PW—IN0027
				FILE: ALTON PARKWAY WILDLIFE CORRIDOR_BNDY_2020_REVISED.DWG			



NOTES

BOUNDARY LINES SHOWN WITHOUT BEARING AND DISTANCES ARE FOR GRAPHICAL PURPOSES ONLY.

REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

SEE SHEET 3 FOR EASEMENT, ESTABLISHMENT AND MONUMENT NOTES.

- REFERENCES**
- (R1) = RECORD OF SURVEY 2012-1066, R.S.B. 261/11-14
 - (R2) = CORNER RECORD , C.R. 2020-2193
 - (R3) = RECORD OF SURVEY 90-1127, R.S.B. 145/28-32
 - (R4) = TRACT NO. 18184, M.M. 986/34-47
 - (R5) = RECORD OF SURVEY 2011-1042, R.S.B. 254/21-36
 - (R6) = TRACT NO. 17880, M.M. 945/1-15
 - (R7) = DEED, INSTRUMENT NO. 201400013051, O.R.
 - (R8) = TRACT NO. 17202, M.M. 967/30-36
 - (R9) = DEED, INSTRUMENT NO. 200500536290, O.R.
 - (R10) = RECORD OF SURVEY 97-1038, R.S.B. 171/1-49
 - (R11) = PARCEL MAP NO. 98-192, P.M.B. 313/37-43
 - (R12) = PARCEL MAP NO. 90-226, P.M.B. 260/23-25
 - (R13) = DEED, INSTRUMENT NO. 198600597360, O.R.
 - (R14) = DEED, INSTRUMENT NO. 199600605850, O.R.
 - (R15) = DEED, BOOK 12057, PAGE 1904, RECORDED 1977, O.R.
 - (R16) = DEED, INSTRUMENT NO. 200900655591, O.R.
 - (R17) = DEED, INSTRUMENT NO. 201300109106, O.R.
 - (R18) = RECORD OF SURVEY, R.S.B. 54/14
 - (R19) = RECORD OF SURVEY 94-1032, R.S.B. 151/42-45
 - (R20) = TRACT NO. 18022, M.M. 964/1-37
 - (R21) = RECORD OF SURVEY 2007-1206, R.S.B. 225/29-42
 - (R22) = DEED, INSTRUMENT NO. 201400191199, O.R.
 - (R23) = DEED, INSTRUMENT NO. 201400191200, O.R.
 - (R24) = LEGAL DESCRIPTION, LD 2013-027 PARCEL 163
 - (R25) = LEGAL DESCRIPTION, LD 2013-027 PARCEL 159

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N66°19'56"E	249.44'	(249.52' R1)
L2	N49°16'20"W	222.28'	(222.28' R18)
L3	N49°16'20"W	1698.62'	(1698.06' R19)
L4	N49°19'22"W	1818.57'	(1818.66' R8)
L5	N73°36'45"W	274.70'	(274.74' R8)
L6	N28°00'29"W	114.33'	(114.34' R9)
L7	N44°10'20"E	253.87'	(253.88' R9)
L8	N43°47'15"W	36.96'	(36.96' R8)
L9	N40°22'33"E	136.28'	(136.28' R20)
L10	N40°22'33"E	221.28'	(221.28' R20)
L11	N74°22'34"E	103.60'	(103.60' R9)
L12	N49°16'20"W	77.98'	(77.98' R10)
L13	N37°49'30"E	46.49'	(46.49' R9)
L14	N22°13'03"E	29.55'	(29.55' R9)
L15	N40°22'44"E	233.72'	(233.74' R9)
L16	N52°44'01"W	45.54'	(45.54' R9)
L17	N46°14'38"W	80.05'	(80.06' R9)
L18	N48°54'36"W	205.65'	(205.66' R9)
L19	N49°16'26"W	281.98'	(281.98' R11)
L20	N02°41'14"E	332.04'	(332.05' R11)
L21	N49°16'26"W	110.55'	(110.59' R11)
L22	N49°16'26"W	159.98'	(159.99' R13)
L23	N89°25'40"E	15.00'	(15.00' R16)
L24	N49°19'22"W	71.36'	(71.37' R16)
L89	N49°16'33"W	2473.74'	(2473.76' R19)

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, NOTHING FOUND
- R RECORD MAP

0' 75' 150' 300' 450'

SCALE: 1" = 150'

U.S. Survey Foot

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

	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			ALTON PKWY WILDLIFE CORRIDOR				
			BOUNDARY MAP				
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD TO ALTON PARKWAY				
			DATE OF SURVEY: 08/07/2020		BY: T. LOFGREEN		SHEET NO. 3 of 10
			MAPPING		BY: A. VU		
			OFFICE CHECK		BY: M. LAFONTAINE, PLS		
			FIELD CHECK		BY: T. LOFGREEN & PARTY		
			SCALE: 1" = 150'		W.O. #EF21342		
			FILE: ALTON PARKWAY WILDLIFE CORRIDOR_BNDY_2020_REVISD.DWG		FILE #1920PW-IN0027		
			REVISIONS				
MARK	DATE	ITEM					

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L11	N74°22'34"E	103.60'	(103.60' R9)
L12	N49°16'20"W	77.98'	(77.98' R10)
L25	N56°45'18"E	16.00'	(16.00' R22)
L26	N47°51'31"E	27.13'	(27.13' R22)
L27	N56°45'18"E	60.00'	(60.00' R22)
L28	N65°39'06"E	27.13'	(27.13' R22)
L29	N56°45'18"E	49.98'	—
L30	N11°45'18"E	36.77'	(36.77' R22)
L31	N56°45'18"E	58.00'	(58.00' R22)
L32	N78°14'42"W	36.77'	(36.77' R22)
L33	S33°14'42"E	0.17'	(0.17' R22)
L34	N48°48'42"E	16.01'	(16.01' R22)
L35	N56°45'18"E	36.00'	(36.00' R22)
L36	N64°41'54"E	16.01'	(16.01' R22)
L37	N33°14'42"W	0.17'	(0.17' R22)
L38	N56°45'18"E	49.13'	—
L39	N29°22'39"W	0.17'	(0.17' R23)
L40	N52°55'12"E	16.04'	(16.04' R23)
L41	N70°02'46"E	16.04'	(16.04' R23)
L42	N27°39'22"W	0.17'	(0.17' R23)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L43	N27°20'51"W	15.84'	(15.84' R25)
L44	N24°33'18"W	1.79'	(1.79' R25)
L45	N39°44'34"W	35.68'	(35.68' R25)
L46	N50°36'38"E	82.93'	(82.93' R25)
L47	N59°11'03"E	50.64'	(50.64' R25)
L48	N54°34'30"E	31.05'	(31.05' R25)
L49	N50°36'46"E	123.98'	(123.99' R25)
L50	N43°08'00"E	27.26'	(27.26' R25)
L51	N55°49'50"E	23.88'	(23.88' R25)
L52	N82°05'02"E	41.05'	(41.05' R25)
L53	N82°40'43"W	41.24'	(41.25' R25)
L54	N68°01'19"E	45.39'	(45.19' R25)
L55	N49°16'20"W	55.36'	(55.36' R25)
L85	N49°16'26"W	31.21'	(31.21' R11)
L86	N49°16'26"W	31.21'	—
L87	N49°17'33"W	31.22'	—
L88	N49°16'20"W	4.68'	—

REFERENCES

(R1) = RECORD OF SURVEY 2012-1066, R.S.B. 261/11-14
(R2) = CORNER RECORD , C.R. 2020-2193
(R3) = RECORD OF SURVEY 90-1127, R.S.B. 145/28-32
(R4) = TRACT NO. 18184, M.M. 986/34-47
(R5) = RECORD OF SURVEY 2011-1042, R.S.B. 254/21-36
(R6) = TRACT NO. 17880, M.M. 945/1-15
(R7) = DEED, INSTRUMENT NO. 201400013051, O.R.
(R8) = TRACT NO. 17202, M.M. 967/30-36
(R9) = DEED, INSTRUMENT NO. 200500536290, O.R.
(R10) = RECORD OF SURVEY 97-1038, R.S.B. 171/1-49
(R11) = PARCEL MAP NO. 98-192, P.M.B. 313/37-43
(R12) = PARCEL MAP NO. 90-226, P.M.B. 260/23-25
(R13) = DEED, INSTRUMENT NO. 198600597360, O.R.
(R14) = DEED, INSTRUMENT NO. 199600605850, O.R.
(R15) = DEED, BOOK 12057, PAGE 1904, RECORDED 1977, O.R.
(R16) = DEED, INSTRUMENT NO. 200900655591, O.R.
(R17) = DEED, INSTRUMENT NO. 201300109106, O.R.
(R18) = RECORD OF SURVEY, R.S.B. 54/14
(R19) = RECORD OF SURVEY 94-1032, R.S.B. 151/42-45
(R20) = TRACT NO. 18022, M.M. 964/1-37
(R21) = RECORD OF SURVEY 2007-1206, R.S.B. 225/29-42
(R22) = DEED, INSTRUMENT NO. 201400191199, O.R.
(R23) = DEED, INSTRUMENT NO. 201400191200, O.R.
(R24) = LEGAL DESCRIPTION, LD 2013-027 PARCEL 163
(R25) = LEGAL DESCRIPTION, LD 2013-027 PARCEL 159

NOTES

BOUNDARY LINES SHOWN WITHOUT BEARING AND DISTANCES ARE FOR GRAPHICAL PURPOSES ONLY.

REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

RECORDS (R24) AND (R25) WERE NOT FOUND ON FILE IN OFFICIAL RECORDS.

SEE SHEET 3 FOR EASEMENT, ESTABLISHMENT AND MONUMENT NOTES.

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, NOTHING FOUND
- R RECORD MAP

0' 25' 50' 100' 150'
SCALE: 1" = 50'

U.S. Survey

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

1	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			ALTON PKWY WILDLIFE CORRIDOR				
			BOUNDARY MAP				
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD TO ALTON PARKWAY				
			DATE OF SURVEY:08/07/2020		BY:T. LOFGREEN		SHEET NO. 4 of 10
			MAPPING		BY:A. VU		
			OFFICE CHECK		BY:M. LAFONTAINE, PLS		
			FIELD CHECK		BY:T. LOFGREEN & PARTY		
			SCALE:1" = 50'		W.O. #EF21342		
			MARK	DATE	ITEM	FILE:ALTON PARKWAY WILDLIFE CORRIDOR_BNDY_2020_REVISED.DWG	
REVISIONS							

SHEET NO.
4
of
10

REFERENCES

- (R1) = RECORD OF SURVEY 2012-1066, R.S.B. 261/11-14
(R2) = CORNER RECORD , C.R. 2020-2193
(R3) = RECORD OF SURVEY 90-1127, R.S.B. 145/28-32
(R4) = TRACT NO. 18184, M.M. 986/34-47
(R5) = RECORD OF SURVEY 2011-1042, R.S.B. 254/21-36
(R6) = TRACT NO. 17880, M.M. 945/1-15
(R7) = DEED, INSTRUMENT NO. 201400013051, O.R.
(R8) = TRACT NO. 17202, M.M. 967/30-36
(R9) = DEED, INSTRUMENT NO. 200500536290, O.R.
(R10) = RECORD OF SURVEY 97-1038, R.S.B. 171/1-49
(R11) = PARCEL MAP NO. 98-192, P.M.B. 313/37-43
(R12) = PARCEL MAP NO. 90-226, P.M.B. 260/23-25
(R13) = DEED, INSTRUMENT NO. 198600597360, O.R.
(R14) = DEED, INSTRUMENT NO. 199600605850, O.R.
(R15) = DEED, BOOK 12057, PAGE 1904, RECORDED 1977, O.R.
(R16) = DEED, INSTRUMENT NO. 200900655591, O.R.
(R17) = DEED, INSTRUMENT NO. 201300109106, O.R.
(R18) = RECORD OF SURVEY, R.S.B. 54/14
(R19) = RECORD OF SURVEY 94-1032, R.S.B. 151/42-45
(R20) = TRACT NO. 18022, M.M. 964/1-37
(R21) = RECORD OF SURVEY 2007-1206, R.S.B. 225/29-42
(R22) = DEED, INSTRUMENT NO. 201400191199, O.R.
(R23) = DEED, INSTRUMENT NO. 201400191200, O.R.
(R24) = LEGAL DESCRIPTION, LD 2013-027 PARCEL 163
(R25) = LEGAL DESCRIPTION, LD 2013-027 PARCEL 159

SEE SHEET 4

BLOCK 174 OF IRVINE
SUBDIVISION
M.R.M. 1/88
O.R. 2567/100

NOTES

BOUNDARY LINES SHOWN WITHOUT BEARING AND DISTANCES ARE FOR GRAPHICAL PURPOSES ONLY.

REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

RECORDS (R24) AND (R25) WERE NOT FOUND ON FILE IN OFFICIAL RECORDS.

SEE SHEET 3 FOR EASEMENT, ESTABLISHMENT AND MONUMENT NOTES.

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, NOTHING FOUND
- R RECORD MAP

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L56	N14°39'56"W	192.32'	(192.33' R24)
L57	N48°17'59"E	59.31'	(59.31' R24)
L58	N21°12'27"E	50.66'	(50.66' R24)
L59	N59°14'17"W	92.51'	(92.51' R24)
L60	N82°39'58"W	98.33'	(98.33' R24)
L61	N88°45'47"E	74.73'	(74.73' R24)
L62	N87°39'04"E	71.48'	(71.48' R24)
L63	N86°13'44"E	57.02'	(57.02' R24)
L64	N27°35'14"E	77.81'	(77.81' R24)
L65	N90°00'00"E	143.15'	(143.16' R24)
L66	N10°04'43"W	72.47'	(72.47' R24)
L67	N04°21'15"W	36.10'	(36.10' R24)
L68	N47°50'09"E	38.63'	(38.63' R24)
L69	N73°47'57"W	28.80'	(28.80' R24)
L70	N84°50'17"W	63.72'	(63.72' R24)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L71	N86°49'24"W	79.25'	(79.25' R24)
L72	N55°51'43"W	223.94'	(223.95' R24)
L73	N62°34'05"W	68.80'	(68.80' R24)
L74	N67°38'30"W	82.76'	(82.76' R24)
L75	N35°24'39"E	17.88'	(17.88' R24)
L76	N31°51'57"E	99.55'	(99.55' R24)
L77	N37°29'19"E	17.88'	(17.88' R24)
L78	N82°26'20"E	30.85'	(30.85' R24)
L79	N41°42'01"W	42.70'	(42.70' R24)
L80	N25°52'17"E	99.91'	(99.92' R24)
L81	N50°38'29"E	26.82'	(26.82' R24)
L82	N33°38'53"W	75.37'	(75.37' R24)
L83	N50°38'29"E	41.82'	(41.82' R24)
L84	N45°04'09"W	75.37'	(75.37' R24)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C25	26°48'46"	187.99'	87.97'	(26°48'46" R24)	(188.00' R24)	(87.98' R24)
C26	37°41'57"	1129.95'	743.48'	(37°41'57" R24)	(1130.00' R24)	(743.51' R24)
C27	49°14'17"	115.99'	99.68'	(49°14'17" R24)	(116.00' R24)	(99.69' R24)
C28	31°50'49"	188.99'	105.05'	(31°50'49" R24)	(189.00' R24)	(105.05' R24)
C29	30°57'41"	779.96'	421.48'	(30°57'41" R24)	(780.00' R24)	(421.50' R24)
C30	6°35'45"	799.96'	92.09'	(6°35'45" R24)	(800.00' R24)	(92.09' R24)
C31	48°02'48"	124.99'	104.82'	(48°02'48" R24)	(125.00' R24)	(104.82' R24)
C32	35°53'53"	133.99'	83.95'	(35°53'53" R24)	(134.00' R24)	(83.96' R24)
C33	55°51'39"	25.00'	24.37'	(55°51'39" R24)	(25.00' R24)	(24.37' R24)

SEE SHEET 4

PARCEL MAP NO. 98-192,
P.M.B. 313/37-43

U.S. *Survey*
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



SCALE: 1" = 50'

SEE SHEET 4

PARCEL II-F-1-A OF (R7)

PARCEL 163 OF (R24)

PARCEL G-4A OF (R16)

WATER
OUTLET
STRUCTURE
PER (R24)

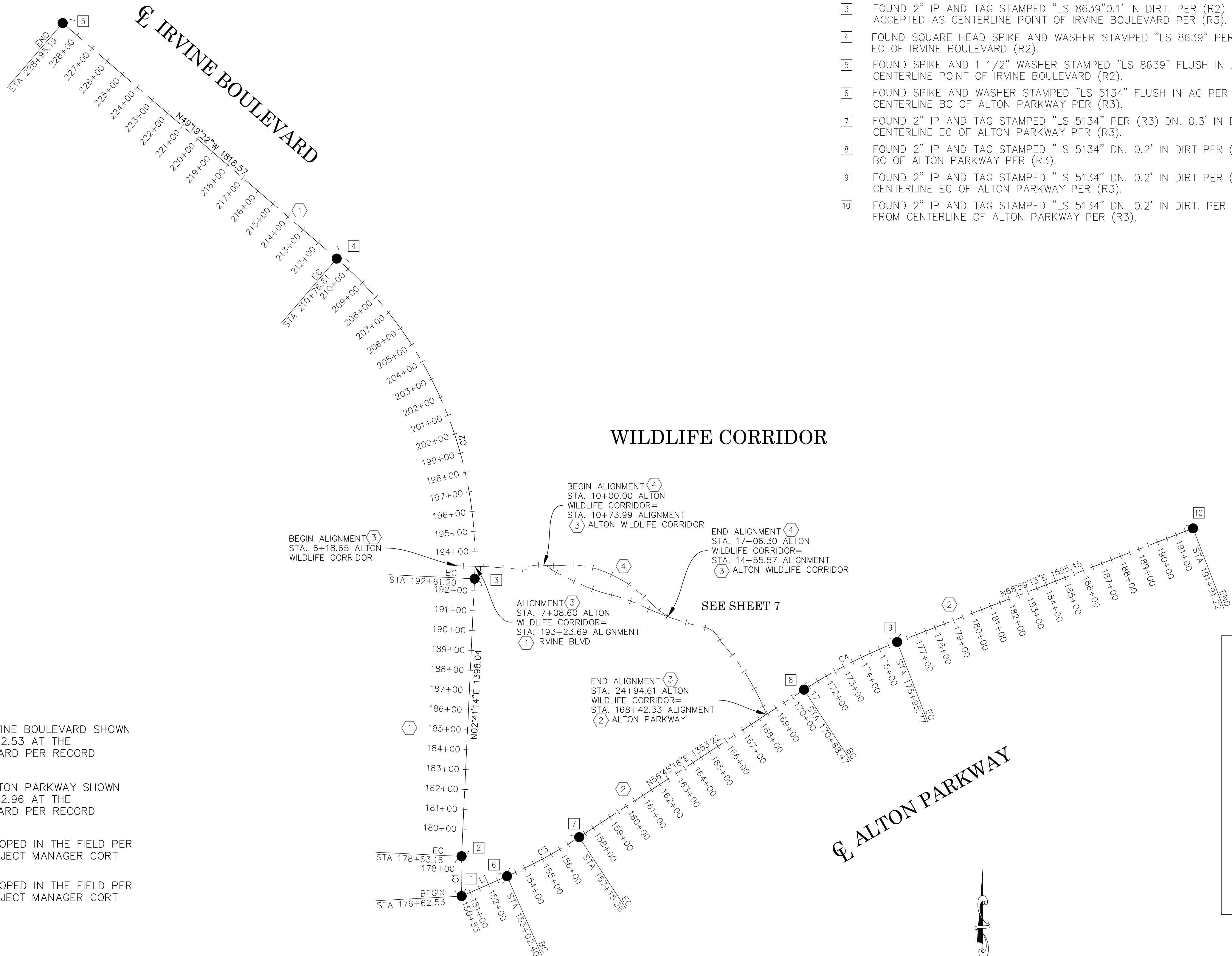
US NAVY, EL
TORO LIFOC
PARCEL II-F-2
PER (R24)

PARCEL 102 OF (R14)

ALTON PARKWAY

JAMES A. MUSICK
FACILITY

1	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			ALTON PKWY WILDLIFE CORRIDOR			
			BOUNDARY MAP			
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD TO ALTON PARKWAY			
MARK	DATE	ITEM	DATE OF SURVEY: 08/07/2020		BY: T. LOFGREEN	SHEET NO. 5 of 10
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: M. LAFONTAINE, PLS	
			FIELD CHECK		BY: T. LOFGREEN & PARTY	
REVISIONS		SCALE: 1" = 50'	W.O. #EF21342	FILE #1920PW-IN0027		
		FILE: ALTON PARKWAY WILDLIFE CORRIDOR_BNDY_2020_REVISED.DWG				



MONUMENT NOTES

- 1 FOUND SPIKE AND WASHER STAMPED "LS 5134" PER (R3) ACCEPTED AS CENTERLINE INTERSECTION OF ALTON PARKWAY AND IRVINE BOULEVARD (R3).
- 2 FOUND MAG NAIL AND WASHER STAMPED "LS 6496" PER (R4) FLUSH IN AC ACCEPTED AS CENTERLINE EC OF IRVINE BOULEVARD PER (R3).
- 3 FOUND 2" IP AND TAG STAMPED "LS 8639" 0.1' IN DIRT. PER (R2) S02°41'14"W 0.16' FROM BC ACCEPTED AS CENTERLINE POINT OF IRVINE BOULEVARD PER (R3).
- 4 FOUND SQUARE HEAD SPIKE AND WASHER STAMPED "LS 8639" PER (R2) ACCEPTED AS CENTERLINE EC OF IRVINE BOULEVARD (R2).
- 5 FOUND SPIKE AND 1 1/2" WASHER STAMPED "LS 8639" FLUSH IN AC PER (R2) ACCEPTED AS CENTERLINE POINT OF IRVINE BOULEVARD (R2).
- 6 FOUND SPIKE AND WASHER STAMPED "LS 5134" FLUSH IN AC PER (R3) ACCEPTED AS CENTERLINE BC OF ALTON PARKWAY PER (R3).
- 7 FOUND 2" IP AND TAG STAMPED "LS 5134" PER (R3) DN. 0.3' IN DIRT ACCEPTED AS CENTERLINE EC OF ALTON PARKWAY PER (R3).
- 8 FOUND 2" IP AND TAG STAMPED "LS 5134" DN. 0.2' IN DIRT PER (R3) ACCEPTED AS CENTERLINE BC OF ALTON PARKWAY PER (R3).
- 9 FOUND 2" IP AND TAG STAMPED "LS 5134" DN. 0.2' IN DIRT PER (R3) ACCEPTED AS CENTERLINE EC OF ALTON PARKWAY PER (R3).
- 10 FOUND 2" IP AND TAG STAMPED "LS 5134" DN. 0.2' IN DIRT. PER (R3) N 22°40'57"W 0.07' FROM CENTERLINE OF ALTON PARKWAY PER (R3).

BASIS OF STATIONING

- 1 THE BASIS OF STATIONING FOR THE CENTERLINE OF IRVINE BOULEVARD SHOWN HEREON WAS ESTABLISHED BY HOLDING STATION 176+62.53 AT THE INTERSECTION OF ALTON PARKWAY AND IRVINE BOULEVARD PER RECORD DRAWING (R1) INCREASING N'WLY THEREFROM.
- 2 THE BASIS OF STATIONING FOR THE CENTERLINE OF ALTON PARKWAY SHOWN HEREON WAS ESTABLISHED BY HOLDING STATION 150+52.96 AT THE INTERSECTION OF ALTON PARKWAY AND IRVINE BOULEVARD PER RECORD DRAWING (R1) INCREASING N'ELY THEREFROM.
- 3 THIS ALIGNMENT AND BASIS OF STATIONING WAS DEVELOPED IN THE FIELD PER A BEST FIT CONFIGURATION AGREED UPON BY THE PROJECT MANAGER CORT DISTANISLAO.
- 4 THIS ALIGNMENT AND BASIS OF STATIONING WAS DEVELOPED IN THE FIELD PER A BEST FIT CONFIGURATION AGREED UPON BY THE PROJECT MANAGER CORT DISTANISLAO.

REFERENCES

- (R1) ALTON PARKWAY WILDLIFE CORRIDOR PLAN 03/2009
(R2) M.M. 988/29-32
(R3) RSB 261/11-14
(R4) CR 2020-2193

CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	RECORD DISTANCE
C1	200.63	1999.91	005°44'53"	200.65 R3
C2	1815.41	1999.91	052°00'38"	1815.59 R2
C3	412.86	2469.89	009°34'38"	412.82 R3
C4	527.30	2469.88	012°13'56"	527.34 R3

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N66°19'56"E	249.44	249.52 R3

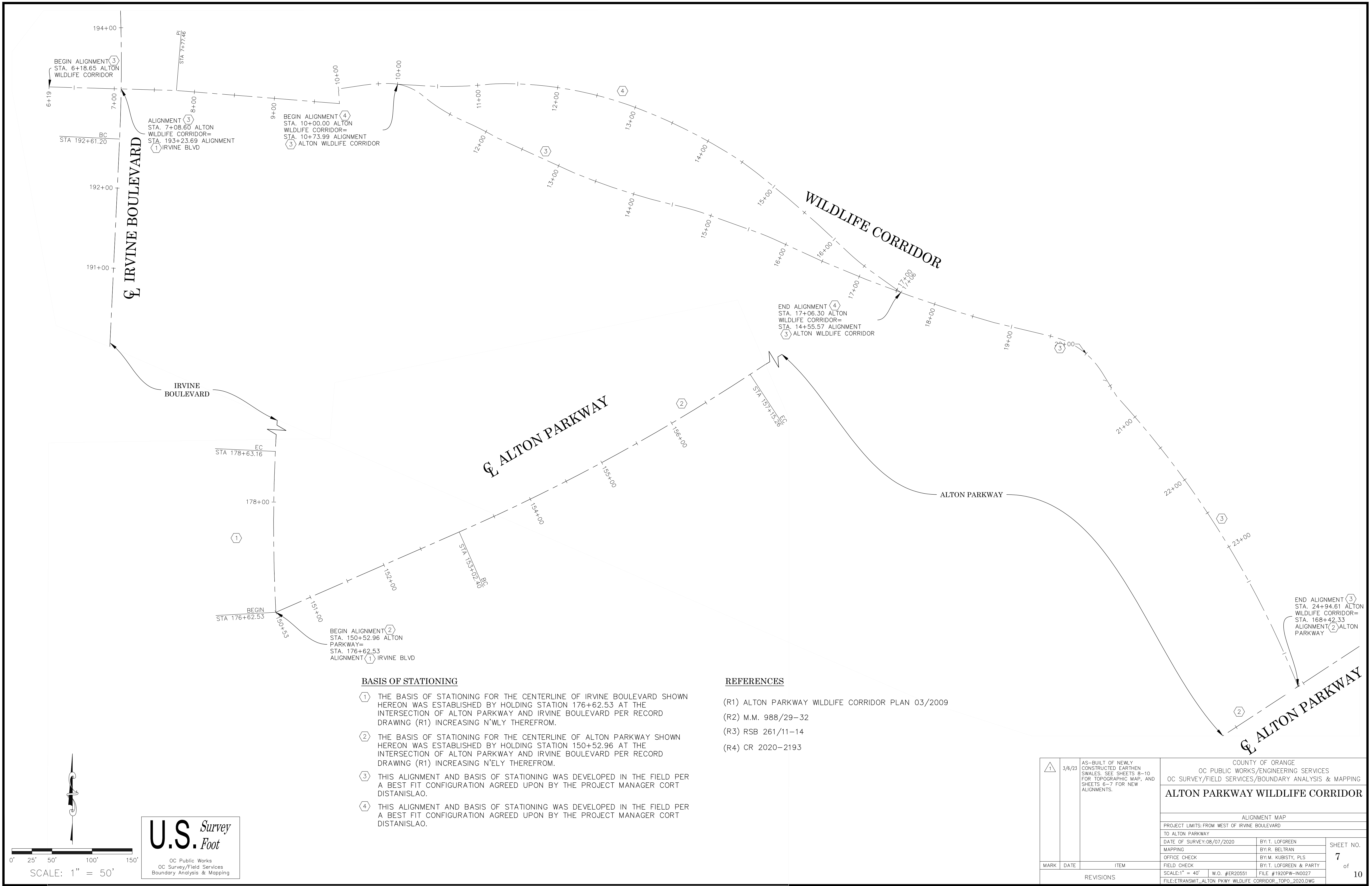


SCALE: 1" = 250'

U.S. Survey Foot

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

	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			ALTON PARKWAY WILDLIFE CORRIDOR				
			ALIGNMENT MAP				
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD				
MARK	DATE	ITEM	TO ALTON PARKWAY			SHEET NO. 6 of 10	
			DATE OF SURVEY: 08/07/2020		BY: T. LOFGREEN		
			MAPPING		BY: R. BELTRAN		
			OFFICE CHECK		BY: M. KUBISTY, PLS		
			FIELD CHECK		BY: T. LOFGREEN & PARTY		
REVISIONS			SCALE: 1" = 40'		W.O. #ER20551	FILE #1920PW-IN0027	
			FILE: E:\TRANSMIT_ALTON PKWY WILDLIFE CORRIDOR_TOPO_2020.DWG				



BASIS OF STATIONING

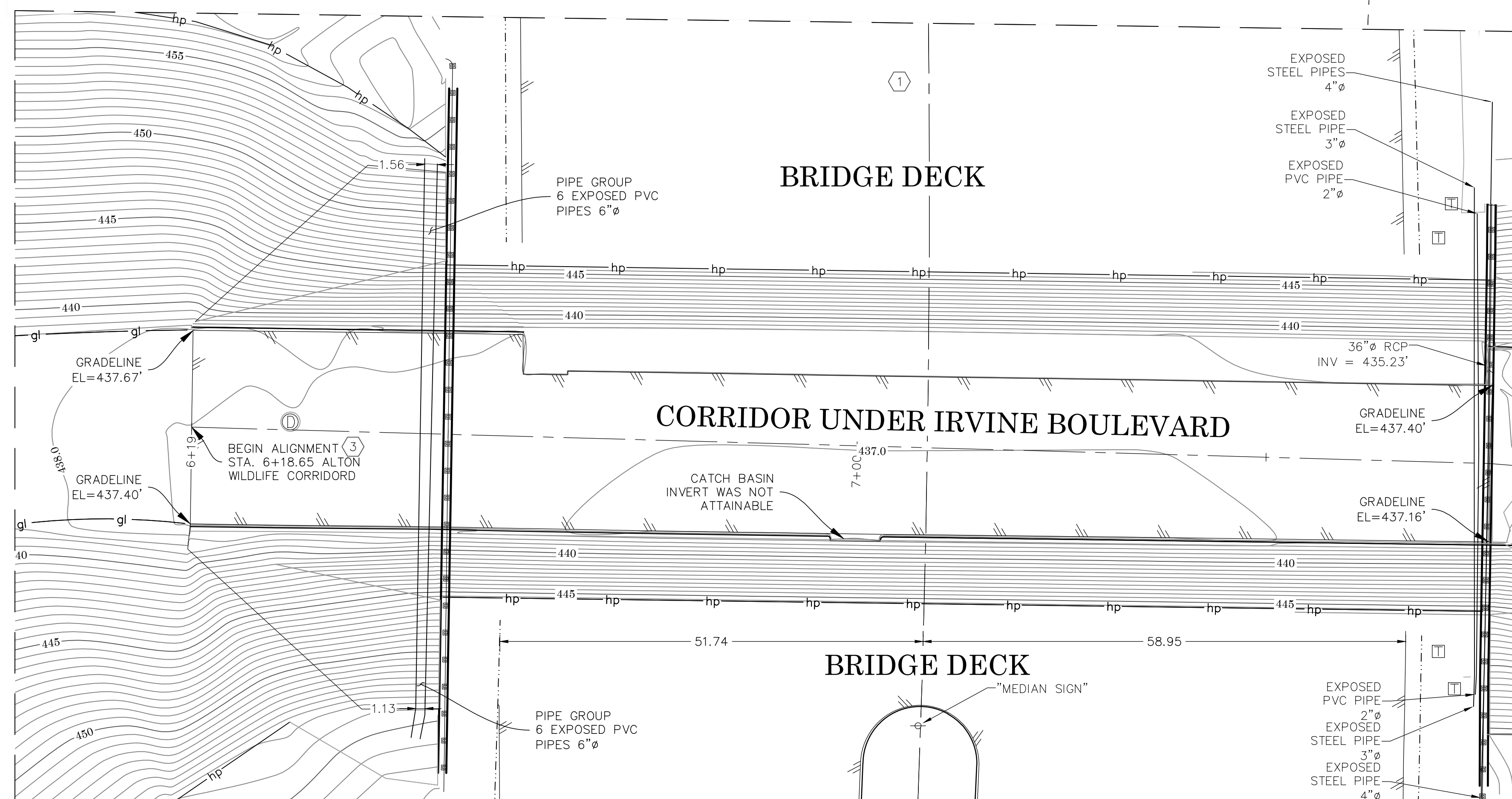
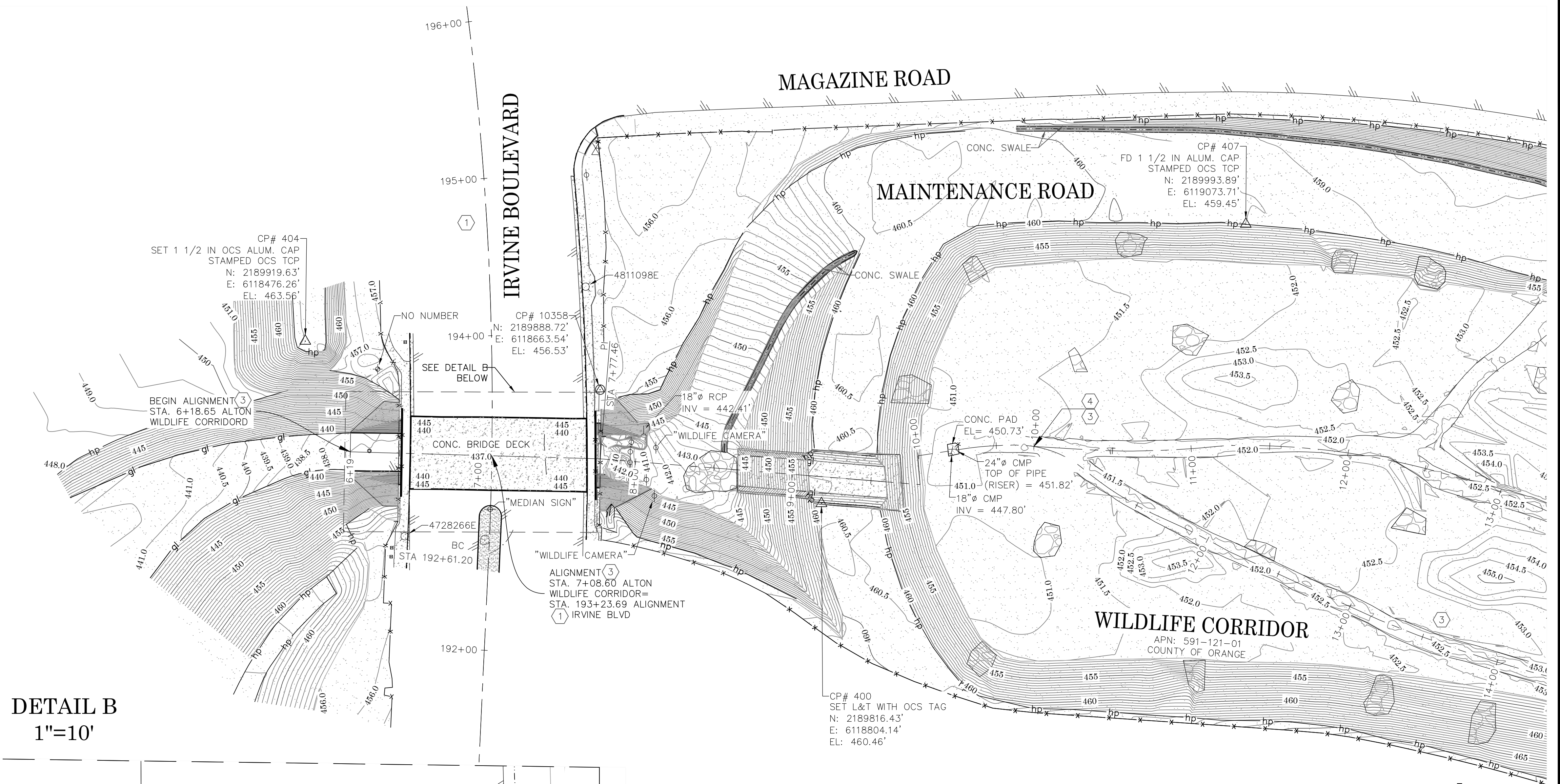
- ① THE BASIS OF STATIONING FOR THE CENTERLINE OF IRVINE BOULEVARD SHOWN HEREON WAS ESTABLISHED BY HOLDING STATION 176+62.53 AT THE INTERSECTION OF ALTON PARKWAY AND IRVINE BOULEVARD PER RECORD DRAWING (R1) INCREASING N'WLY THEREFROM.
- ② THE BASIS OF STATIONING FOR THE CENTERLINE OF ALTON PARKWAY SHOWN HEREON WAS ESTABLISHED BY HOLDING STATION 150+52.96 AT THE INTERSECTION OF ALTON PARKWAY AND IRVINE BOULEVARD PER RECORD DRAWING (R1) INCREASING N'ELY THEREFROM.
- ③ THIS ALIGNMENT AND BASIS OF STATIONING WAS DEVELOPED IN THE FIELD PER A BEST FIT CONFIGURATION AGREED UPON BY THE PROJECT MANAGER CORT DISTANISLAO.
- ④ THIS ALIGNMENT AND BASIS OF STATIONING WAS DEVELOPED IN THE FIELD PER A BEST FIT CONFIGURATION AGREED UPON BY THE PROJECT MANAGER CORT DISTANISLAO.

REFERENCES

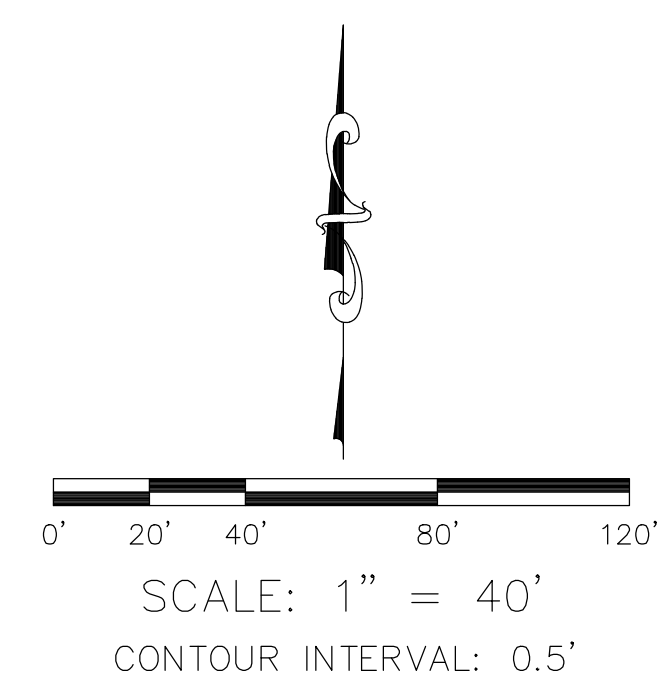
- (R1) ALTON PARKWAY WILDLIFE CORRIDOR PLAN 03/2009
- (R2) M.M. 988/29-32
- (R3) RSB 261/11-14
- (R4) CR 2020-2193

1	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			ALTON PARKWAY WILDLIFE CORRIDOR			
			ALIGNMENT MAP			
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD TO ALTON PARKWAY			
MARK	DATE	ITEM	DATE OF SURVEY: 08/07/2020		BY: T. LOFGREEN	SHEET NO. 7 of 10
			MAPPING		BY: R. BELTRAN	
			OFFICE CHECK		BY: M. KUBISTY, PLS	
			FIELD CHECK		BY: T. LOFGREEN & PARTY	
REVISIONS		SCALE: 1" = 40'	W.O. #ER20551	FILE #1920PW-IN0027		
		FILE: E:\TRANSMIT_ALTON PKWY WILDLIFE CORRIDOR_TOPO_2020.DWG				

SYMBOL		AREA PATTERN KEY	
	Benchmark		Concrete
	Control Box Irrigation		Dirt
	Control Point		Gravel / Rip Rap
	Gate, Double		
	Gate, Single		
	Guy Wire Anchor		
	Light Pole, Single		
	Manhole Storm Drain		
	Monitoring Well		
	Pipe Inlet/Outlet		
	Post		
	Sign Post		
	Tree		
	Utility Pole, Underground		
	Valve Water		
LINE PATTERN KEY		ABBREVIATION	
	Centerline	AC	Asphalt Concrete
	Concrete Wall	BC	Beginning of Curve
	Edge of Concrete	BM	Benchmark
	Edge of Asphalt Pavement	CL	Centerline
	Exposed Pipe	CONC	Concrete
	Fence Chainlink	CP	Control Point
	Fence Post and Wire	EL	Elevation
	Flowline	EC	End of Curve
	Grade Line	FL	Flowline
	Guard Rail	FD	Found
	Pipe underground	INV	Invert
	Hinge Point	PP	Power Pole
	Property Line	TC	Top of Curb
	Right of Way	W	Water
	Striping	TW	Top of Wall



SEE SHEET 15



U.S. Survey Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/ FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		ALTON PARKWAY WILDLIFE CORRIDOR			
		ASBUILT			
		PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD			
		TO ALTON PARKWAY.			
		DATE OF SURVEY: 08/07/2020		BY: T. LOFGREEN	
		MAPPING		BY: R. BELTRAN	
		OFFICE CHECK		BY: M. KUBISTY, PLS	
		FIELD CHECK		BY: T. LOFGREEN & PARTY	
		SCALE: 1" = 40'		W.O. #ER20551	
FILE: ETRANSMIT_ALTON PKWY WILDLIFE		CORRIDOR_TOPO_2020.DWG			
MARK	DATE	ITEM	SHEET NO. 8 of 10		
REVISIONS					

MAGAZINE ROAD

MAINTENANCE ROAD

MAGAZINE ROAD

MAINTENANCE ROAD

WILDLIFE CORRIDOR

WILDLIFE CORRIDOR

SEE SHEET 10

MAGAZINE ROAD

LEGEND

SYMBOL

- Benchmark
- Control Box Irrigation
- Control Point
- Gate, Double
- Gate, Single
- Guy Wire Anchor
- Light Pole, Single
- Manhole Storm Drain
- Monitoring Well
- Pipe Inlet/Outlet
- Post
- Sign Post
- Tree
- Utility Pole, Underground
- Valve Water

AREA PATTERN KEY

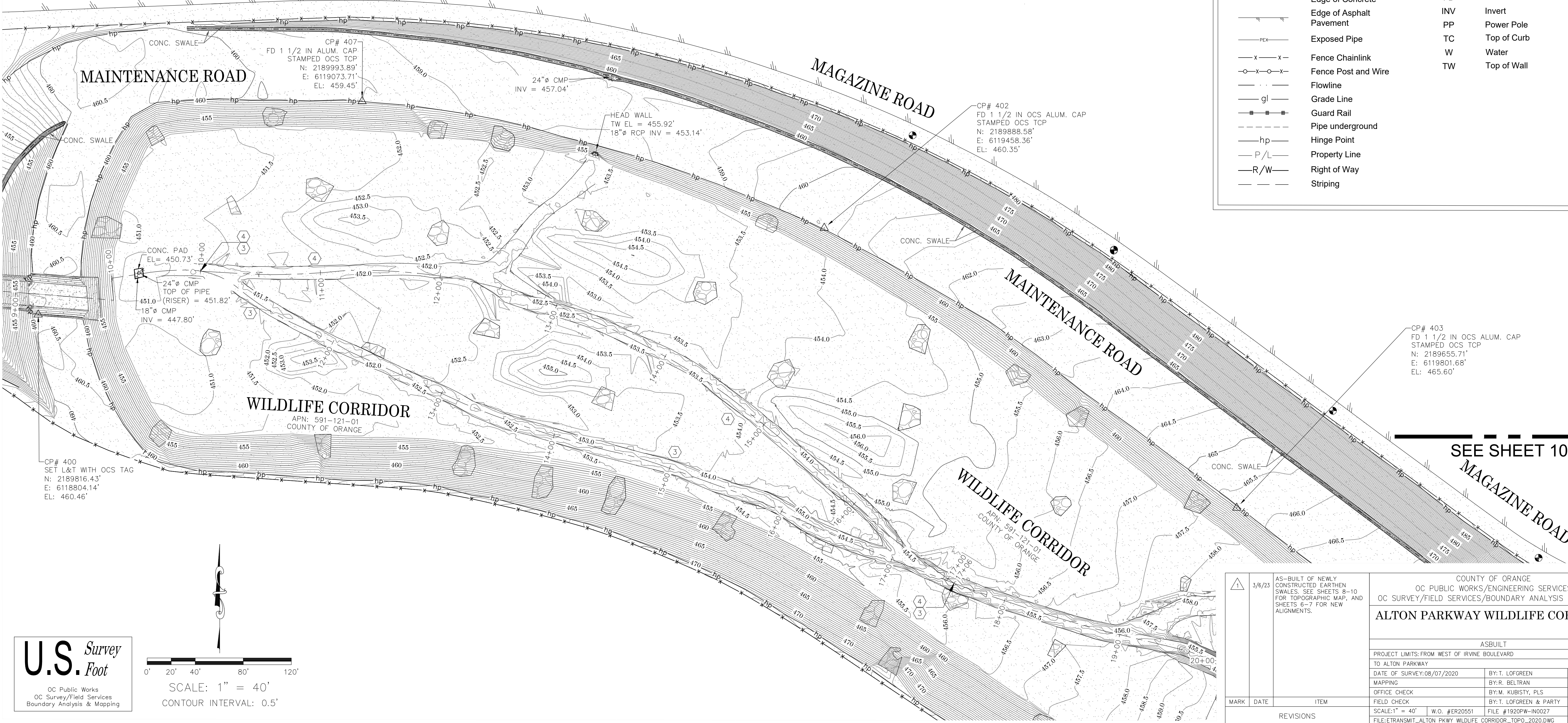
- Concrete
- Dirt
- Gravel / Rip Rap

ABBREVIATION

- AC Asphalt Concrete
- BC Beginning of Curve
- BM Benchmark
- CL Centerline
- CONC Concrete
- CP Control Point
- EL Elevation
- EC End of Curve
- FL Flowline
- FD Found
- INV Invert
- PP Power Pole
- TC Top of Curb
- W Water
- TW Top of Wall

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Post and Wire
- Flowline
- Grade Line
- Guard Rail
- Pipe underground
- Hinge Point
- Property Line
- Right of Way
- Striping



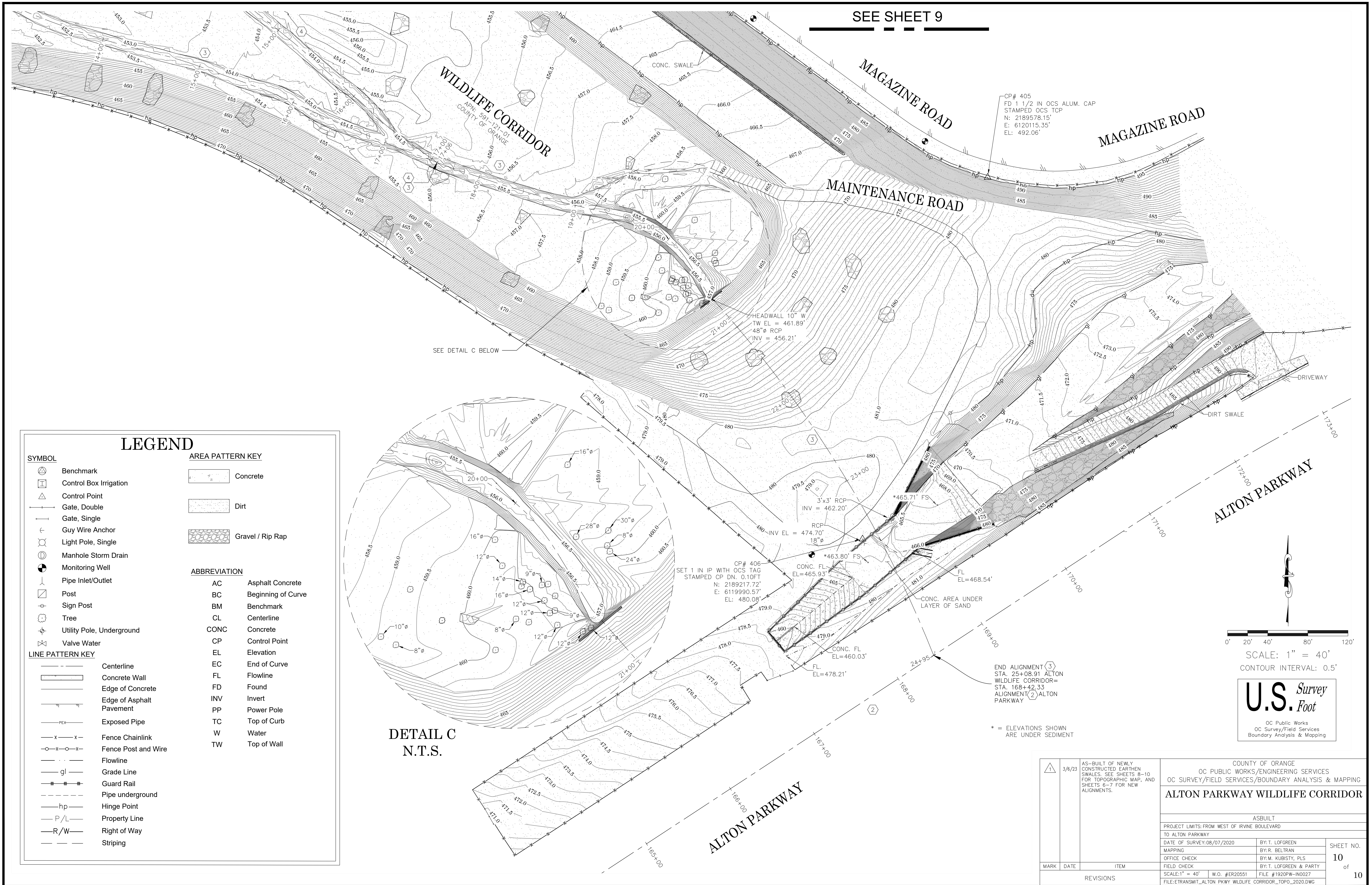
U.S. Survey
Foot

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

0' 20' 40' 80' 120'

SCALE: 1" = 40'
CONTOUR INTERVAL: 0.5'

	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			ALTON PARKWAY WILDLIFE CORRIDOR			
			ASBUILT			
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD TO ALTON PARKWAY			
MARK	DATE	ITEM	DATE OF SURVEY: 08/07/2020	BY: T. LOFGREEN	SHEET NO. 9 of 10	
			MAPPING	BY: R. BELTRAN		
			OFFICE CHECK	BY: M. KUBISTY, PLS		
			FIELD CHECK	BY: T. LOFGREEN & PARTY		
REVISIONS			SCALE: 1" = 40'	W.O. #ER20551	FILE #1920PW-IN0027	
			FILE: TRANSMIT_ALTON PKWY WILDLIFE CORRIDOR_TOPO_2020.DWG			



SEE SHEET 9

CP# 405
FD 1 1/2 IN OCS ALUM. CAP
STAMPED OCS TCP
N: 2189578.15'
E: 6120115.35'
EL: 492.06'

SEE DETAIL C BELOW

LEGEND

- SYMBOL**

 - Benchmark
 - Control Box Irrigation
 - Control Point
 - Gate, Double
 - Gate, Single
 - Guy Wire Anchor
 - Light Pole, Single
 - Manhole Storm Drain
 - Monitoring Well
 - Pipe Inlet/Outlet
 - Post
 - Sign Post
 - Tree
 - Utility Pole, Underground
 - Valve Water

LINE PATTERN KEY

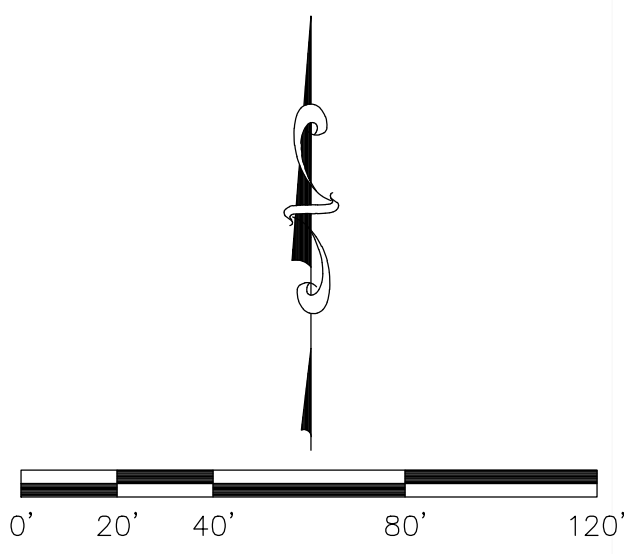
 - Centerline
 - Concrete Wall
 - Edge of Concrete
 - Edge of Asphalt Pavement
 - Exposed Pipe
 - Fence Chainlink
 - Fence Post and Wire
 - Flowline
 - Grade Line
 - Guard Rail
 - Pipe underground
 - Hinge Point
 - Property Line
 - Right of Way
 - Striping
- AREA PATTERN KEY**

 - Concrete
 - Dirt
 - Gravel / Rip Rap

ABBREVIATION

 - AC Asphalt Concrete
 - BC Beginning of Curve
 - BM Benchmark
 - CL Centerline
 - CONC Concrete
 - CP Control Point
 - EL Elevation
 - EC End of Curve
 - FL Flowline
 - FD Found
 - INV Invert
 - PP Power Pole
 - TC Top of Curb
 - W Water
 - TW Top of Wall

DETAIL C
N.T.S.



SCALE: 1" = 40'
CONTOUR INTERVAL: 0.5'

U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

* = ELEVATIONS SHOWN
ARE UNDER SEDIMENT

	3/6/23	AS-BUILT OF NEWLY CONSTRUCTED EARTHEN SWALES. SEE SHEETS 8-10 FOR TOPOGRAPHIC MAP, AND SHEETS 6-7 FOR NEW ALIGNMENTS.	COUNTY OF ORANGE				
			OC PUBLIC WORKS/ENGINEERING SERVICES				
			OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			ALTON PARKWAY WILDLIFE CORRIDOR				
			ASBUILT				
			PROJECT LIMITS: FROM WEST OF IRVINE BOULEVARD				
			TO ALTON PARKWAY				
			DATE OF SURVEY: 08/07/2020		BY: T. LOFGREEN		SHEET NO. 10 of 10
			MAPPING		BY: R. BELTRAN		
			OFFICE CHECK		BY: M. KUBISTY, PLS		
FIELD CHECK		BY: T. LOFGREEN & PARTY					
MARK	DATE	ITEM	SCALE: 1" = 40' W.O. #ER20551 FILE #1920PW-IN0027				
REVISIONS			FILE: E:\TRANSMIT_ALTON PKWY WILDLIFE CORRIDOR_TOPO_2020.DWG				