



OC PUBLIC WORKS DEPARTMENT

SHANE SILSBY, DIRECTOR

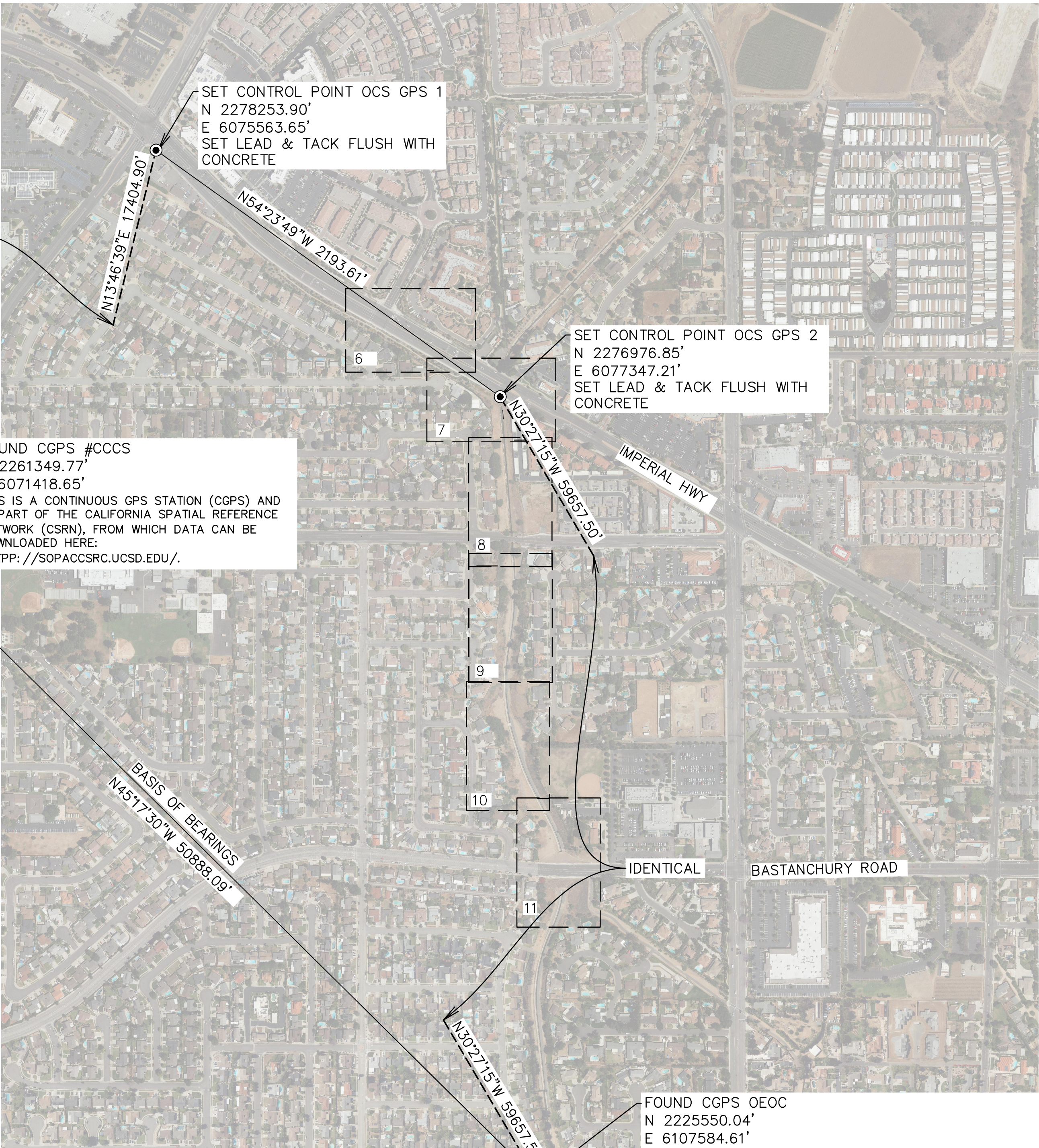
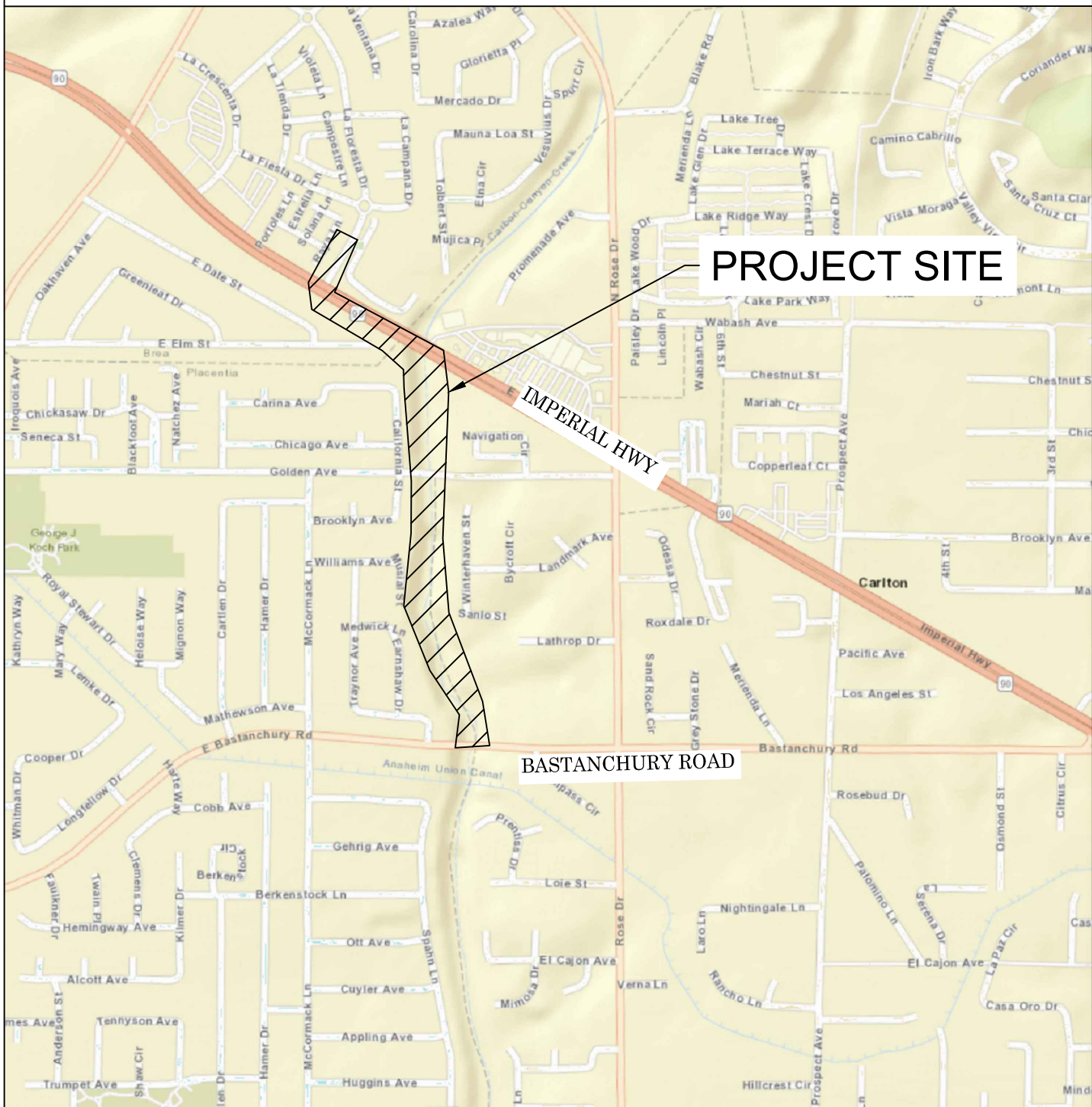
KEVIN HILLS, COUNTY SURVEYOR

OC LOOP-SEGEMENT D BIKEWAY



FROM SOUTHWEST SIDE OF IMPERIAL HWY TO BASTANCHURY ROAD
PLACENTIA, CA

LOCATION MAP



BASIS OF BEARINGS

THE BASIS OF BEARING FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.00) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS (CGPS) OEOC AND (CGPS) CCCS, BEING NORTH 45°17'30\"/>

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASE ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS 2007.00 EPOCH ADJUSTMENT.
ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN A GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.000009010.
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM.2C-89-70 ELEV. = 371.226' YEAR LEVELED 2006
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)
DESCRIBED BY OCS 2014 - FOUND 3 3/4\"/>

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.
THE PURPOSE OF THE SURVEY IS TO ESTABLISH RIGHT OF WAY AND A TOPOGRAPHIC MAP FOR POTENTIAL BIKE PATH.

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET #1	TITLE SHEET
SHEET #2-5	BOUNDARY MAP
SHEET #6-11	TOPOGRAPHIC MAP

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 23 DAY OF MAY, 2019.

JESOM MORENO SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 23 DAY OF MAY, 2019.

WADE WEAVER DEPUTY COUNTY SURVEYOR



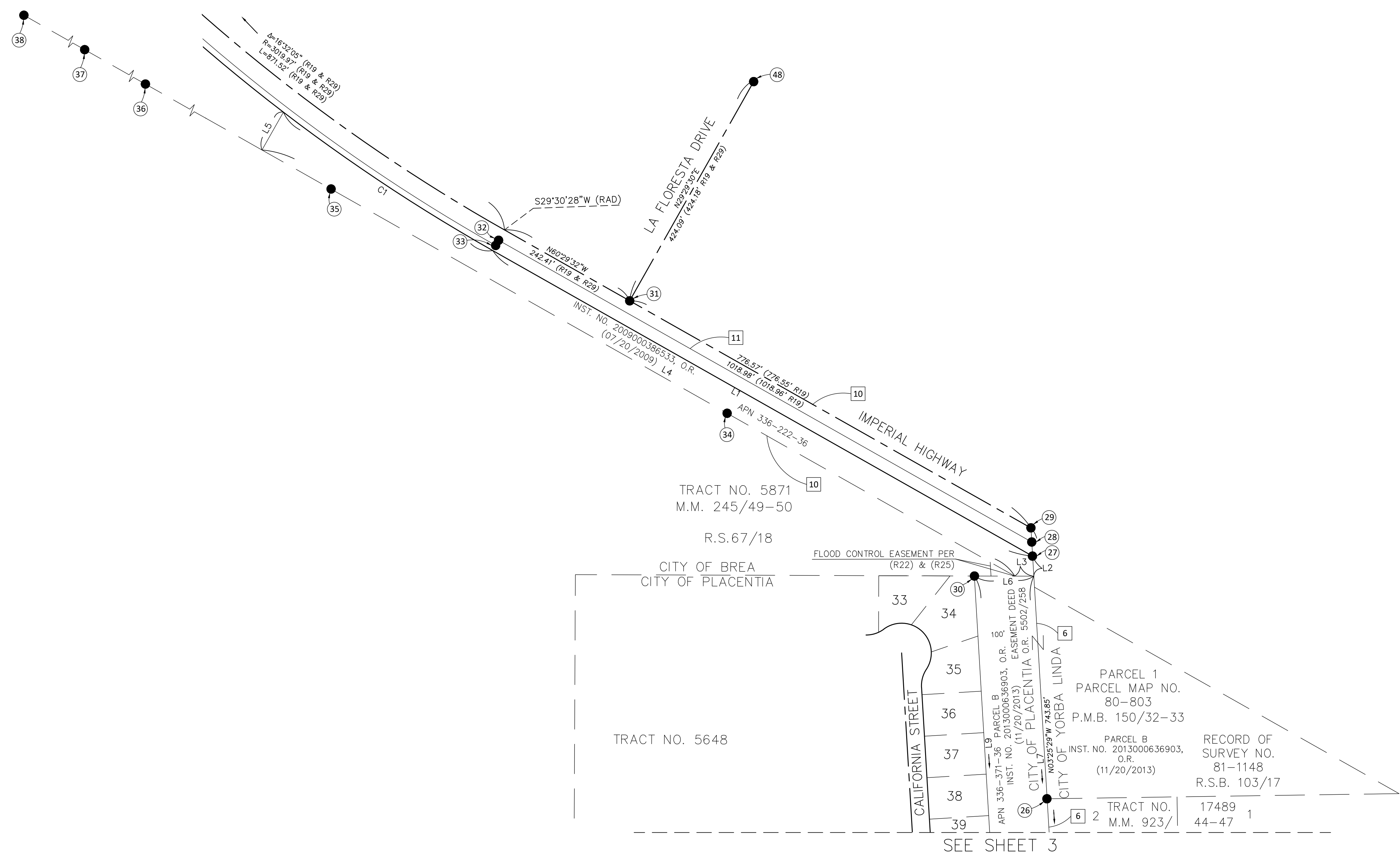
U.S. Survey Foot

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

TOPOGRAPHIC MAPPING PROJECT

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			OC LOOP - SEGMENT D BIKEWAY				
			TITLE SHEET				
			FROM: BASTANCHURY ROAD				
			TO: SOUTHWEST SIDE OF IMPERIAL HWY, UP TO LA FLORESTA DRIVE				
			DATE OF SURVEY: MAY 7, 2019		BY: JOHNS & PARTY		SHEET NO. 1 of 11
			TOPOGRAPHIC MAPPING		BY: H. AFTIM		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: JOHNS & PARTY		
			SCALE: 1" = 20'		W.O. #F17410S		
FILE: EL CAJON SEGMENT D_TOPOGRAPHICMAP_2019.DWG		FILE NO. N/A					
MARK	DATE	ITEM					
REVISIONS							

OC LOOP - SEGMENT D



BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING BETWEEN O.C.S. HORIZONTAL CONTROL STATIONS GPS NO. "CCCS" AND GPS NO. "OEOC", BEING N45°17'30"W, PER O.C.S. HORIZONTAL CONTROL DATE SHEETS.

HORIZONTAL DATUM

THE COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE VI, 1983 NORTH AMERICAN DATUM (2007.00 EPOCH, O.C.S. GPS ADJUSTMENT).

ALL DISTANCES SHOWN ARE IN GRID, UNLESS OTHERWISE NOTED. DIVIDED THE GRID DISTANCE BY 0.9999908 TO OBTAIN A GROUND DISTANCE.

ALL DISTANCE ARE BASED ON US SURVEY FEET.

MONUMENT LEGEND

- FOUND GPS MONUMENT. SEE MONUMENT NOTES SHOWN ON SHEET 4 FOR DETAILS
- FOUND MONUMENT
- SNF. SEARCHED NOT FOUND
- FD FOUND
- MONUMENT NUMBER. SEE SHEET 4 FOR DESCRIPTION AND NOTES
- ANGLE NUMBER. SEE SHEET 5 FOR DESCRIPTION AND NOTES
- TIE NUMBER. SEE SHEET 5 FOR DESCRIPTION AND NOTES
- APN INFORMATION. SEE SHEET 5 FOR DESCRIPTION AND NOTES

ESTABLISHMENT NOTES

SEE SHEET 4 FOR DETAILS

REFERENCES

(R#) SEE SHEET 5 FOR DETAILS

LINE & CURVE DATA

SEE SHEET 5 FOR DETAILS

CURVE RADIAL DATA

SEE SHEET 5 FOR DETAILS

SCALE 1"=100'

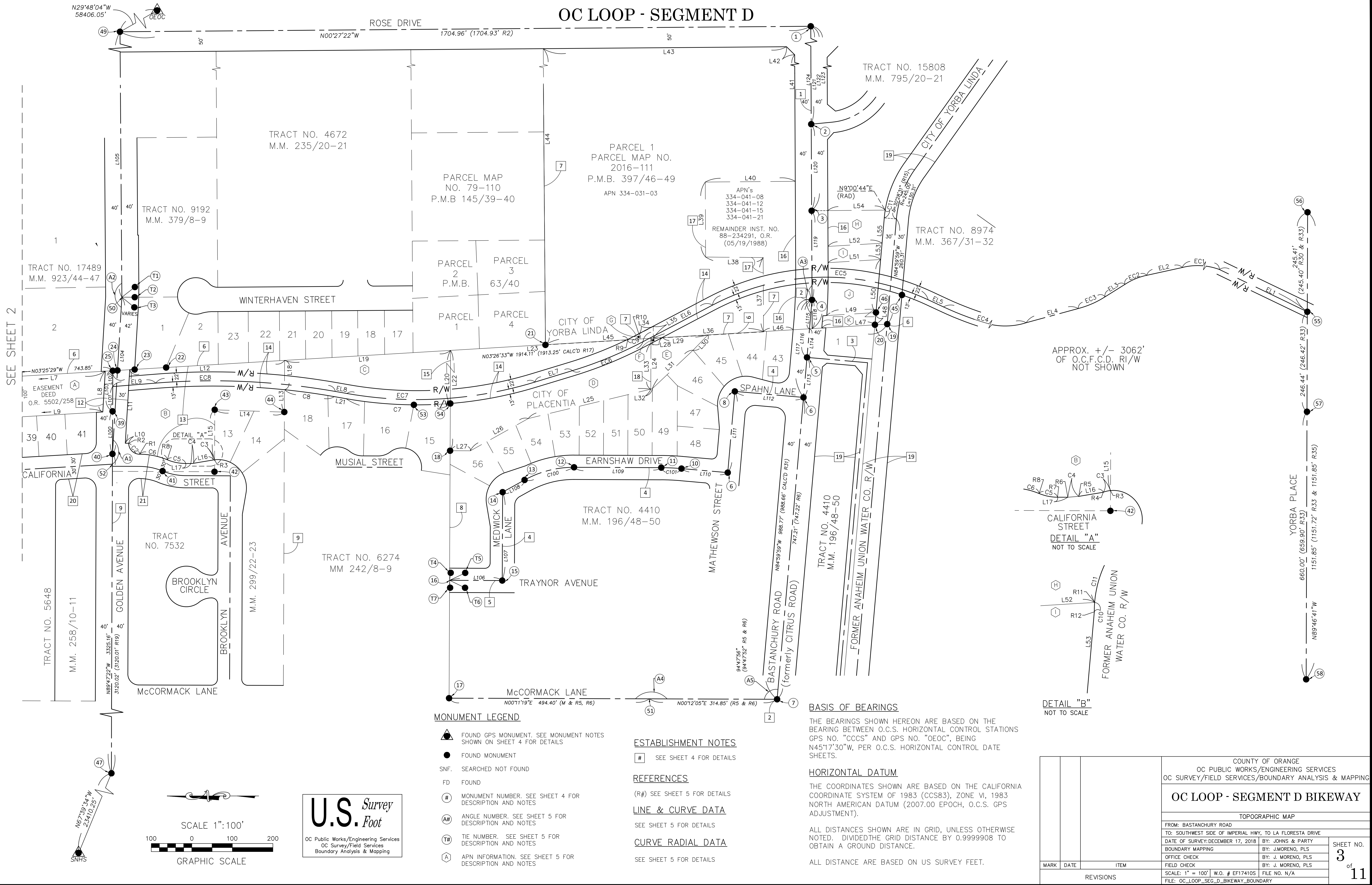
GRAPHIC SCALE

U.S. Survey

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

		COUNTY OF ORANGE		SHEET NO. 2 of 11
		OC PUBLIC WORKS/ENGINEERING SERVICES		
		OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
		OC LOOP - SEGMENT D BIKEWAY		
		BOUNDARY SHEET		
		FROM: BASTANCHURY ROAD		
		TO: SOUTHWEST SIDE OF IMPERIAL HWY. TO LA FLORESTA DRIVE		
		DATE OF SURVEY: DECEMBER 17, 2018	BY: JOHNS & PARTY	
		BOUNDARY MAPPING	BY: J. MORENO, PLS	
		OFFICE CHECK	BY: J. MORENO, PLS	
		FIELD CHECK	BY: J. MORENO, PLS	
		SCALE: 1" = 100'	W.O. # EF17410S	FILE NO. N/A
		FILE: OC_LOOP_SEG_D_BIKWAY_BOUNDARY		
MARK	DATE	ITEM	REVISIONS	

OC LOOP - SEGMENT D



SEE SHEET 2

- MONUMENT LEGEND**
- FOUND GPS MONUMENT. SEE MONUMENT NOTES SHOWN ON SHEET 4 FOR DETAILS
 - FOUND MONUMENT
 - SNF. SEARCHED NOT FOUND
 - FD FOUND
 - # MONUMENT NUMBER. SEE SHEET 4 FOR DESCRIPTION AND NOTES
 - AN ANGLE NUMBER. SEE SHEET 5 FOR DESCRIPTION AND NOTES
 - T# TIE NUMBER. SEE SHEET 5 FOR DESCRIPTION AND NOTES
 - APN INFORMATION. SEE SHEET 5 FOR DESCRIPTION AND NOTES

- ESTABLISHMENT NOTES**
- # SEE SHEET 4 FOR DETAILS
- REFERENCES**
- (R#) SEE SHEET 5 FOR DETAILS
- LINE & CURVE DATA**
- SEE SHEET 5 FOR DETAILS
- CURVE RADIAL DATA**
- SEE SHEET 5 FOR DETAILS

BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING BETWEEN O.C.S. HORIZONTAL CONTROL STATIONS GPS NO. "CCCS" AND GPS NO. "OEOC", BEING N45°17'30"W, PER O.C.S. HORIZONTAL CONTROL DATE SHEETS.

HORIZONTAL DATUM

THE COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE VI, 1983 NORTH AMERICAN DATUM (2007.00 EPOCH, O.C.S. GPS ADJUSTMENT).

ALL DISTANCES SHOWN ARE IN GRID, UNLESS OTHERWISE NOTED. DIVIDED THE GRID DISTANCE BY 0.9999908 TO OBTAIN A GROUND DISTANCE.

ALL DISTANCE ARE BASED ON US SURVEY FEET.

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			OC LOOP - SEGMENT D BIKEWAY	
			TOPOGRAPHIC MAP	
			FROM: BASTANCHURY ROAD	
			TO: SOUTHWEST SIDE OF IMPERIAL HWY. TO LA FLORESTA DRIVE	
			DATE OF SURVEY: DECEMBER 17, 2018	
			BY: J. MORENO, PLS	
			OFFICE CHECK	
			BY: J. MORENO, PLS	
			FIELD CHECK	
			BY: J. MORENO, PLS	
			SCALE: 1" = 100' W.O. # EF17410S FILE NO. N/A	
			FILE: OC_LOOP_SEG_D_BIKEWAY_BOUNDARY	
MARK	DATE	ITEM		
REVISIONS				

OC LOOP - SEGMENT D
DETAILS & NOTES SHEET

MONUMENT NOTES

- 1

FD 2" BRASS DISK IN OCS WELL MON PER (R1), (R2), & (R14), DN 1.8" (1.85" R1), ACC. AS CL INT. ROSE DRIVE & BASTANCHURY ROAD.
- 2

FD PUN. SPIKE AND WASHER STAMPED "RCE 25472" SET IN 2" I.P. DOWN 0.2' FT IN A/C IN LIEU OF SPIKE AND WASHER STAMPED "RCE 25472" FLUSH IN FINISHED SURFACE PER (R2). ACC. AS CL INT.
- 3

FD PUN. SPIKE AND WASHER STAMPED "LS 8543" DOWN .15' IN A/C IN LIEU OF 1.5" I.P. TAGGED "LS 8543" DN 0.2". ACC. AS P/L PROD. PER (R2) & (R3)
- 4

FD PUN. SPIKE AND WASHER STAMPED "LS 8543" PER (R3) DOWN 0.15' IN A/C. ACC. AS C/L ANG. PT. PER (R2) & (R3)
- 5

FD PUN. SPIKE PER R3 DOWN 0.2' IN A/C. PER (R9) IN LIEU OF SPIKE AND TIN PER (R7). N05'00'01"E 0.07' FROM C/L INT. PER (R9), THE SPIKE WAS PULLED, STAIGHTENED AND RESET. SEE ESTABLISHMENT NOTE 2. ESTAB. C/L INT. BY B-B INT. HOLDING PARALLEL TO THE BEARING BETWEEN MONUMENTS 6 AND 8 PER (R5) & (R6)
- 6

FD PUN. SPIKE AND BRASS 1 1/4" OCS WASHER STAMPED "5193R1 12/00" FLUSH. ACCEPTED AS COUNTY OF ORANGE HORIZONTAL CONTROL MONUMENT "GPS 5193R1" PER (R6). N05'00'01"E 0.07' FROM C/L INT. SEE ESTABLISHMENT NOTE 2. ESTAB. CENTERLINE INT. BY B-B INT. HOLDING MONUMENTS 6 & 8.
- 7

FD PUN. SPIKE PER DOWN 0.2' IN A/C PER (R10) IN LIEU OF SPIKE AND TIN PER (R5), (R7) & (R9). ACC. AS C/L INT.
- 8

FD SPIKE AND TIN FLUSH IN A/C PER (R5) & (R7). ACC. AS C/L ANG. PT.
- 9

FD PUN. SPIKE FLUSH IN A/C IN LIEU OF SPIKE AND TIN PER (R5) & (R7). ACC. AS C/L ANG. PT.
- 10

FD PUN. SPIKE & TIN FLUSH IN A/C (R5) & (R7). HELD FOR LINE. S04°59'44"W 0.06' FROM ESTAB. C/L BC
- 11

FD PUN. SPIKE FLUSH IN A/C IN LIEU OF SPIKE AND TIN PER (R5) & (R7). ACC. AS C/L EC.
- 12

FD PUN. SPIKE FLUSH IN A/C IN LIEU OF SPIKE AND TIN PER (R5) & (R7). HELD FOR LINE. S00°14'03"W 0.07' FROM ESTAB. C/L BC
- 13

FD PUN. SPIKE FLUSH IN A/C IN LIEU OF SPIKE AND TIN PER (R5) & (R7). ACC. AS C/L EC.
- 14

FD PUN. SPIKE FLUSH IN A/C IN LIEU OF SPIKE AND TIN PER (R5) & (R7). ACC. AS C/L ANG. PT.
- 15

FD SPIKE AND TIN FLUSH IN A/C PER (R5) & (R7). ACC. AS C/L INT.
- 16

SNF. ESTAB. BY TIES PER (R7)
- 17

FD PUN. SPIKE DN 0.15' A/C IN LIEU OF SPIKE AND TIN PER (R5), (R7), & (R11). ACC. AS COMMON W/LY TRACT LINE PROD. BETWEEN (R5) & (R11). PT. HELD FOR LINE ALONG McCORMACK LANE.
- 18

FOUND 2" I.P. & NAIL TAGGED "LS 2955" PER (R5) DN 1.00' IN DIRT. ACC. AS NELY TRACT COR. PER (R5) & (R6) AND POINT ON S'LY TRACT LINE PER (R11).
- 19

FOUND 1.5" I.P., NAIL & TAG STAMPED "LS 2477" DOWN .2' IN DIRT IN LIEU OF 1" I.P. TAGGED "LS 2477" PER (R5), (R6), (R15), (R16), & (R17). ACC. AS THE INT. OF THE C/L OF THE ANAHEIM UNION WATER CO. R/W WITH THE E'LY LINE OF RANCHO SAN JUAN CAJON DE SANTA ANA PER (R15) & (R17)
- 20

FD 1" I.P. WITH PLASTIC CAP STAMPED "LS 8010" DOWN 1' IN DIRT. NO REF. ACCEPTED AS A POINT ALONG THE GENERAL N'LY R/W LINE OF THE ANAHEIM UNION WATER CO. S84°59'59"E 0.41' FROM ESTAB. INT. WITH THE E'LY LINE OF RANCHO SAN JUAN CAJON DE SANTA ANA.
- 21

FD 2.5" I.P., NAIL & TAG STAMPED "LS 3207" IN LIEU OF 2" I.P. TAGGED "LS 3207" PER (R14) DOWN 0.10' (0.30") IN DIRT. ACC. AS NW'LY COR. PARCEL 1 PER (R14). NOT ACCEPTED AS A CORNER ON E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA. SEE ESTAB. NOTE 7.
- 22

FD SPIKE AND WASHER STAMPED "RCE 21789" FLUSH IN A/C IN CHANNEL ACCESS ROAD IN LIEU OF 1.25" I.P. TAGGED "R.C.E. 21789" PER (R18). ACC. AS NW'LY COR LOT 2 PER (R17).
- 23

FD 2" I.P., NAIL & TAG STAMPED "RCE 21789" DOWN 0.5' IN DIRT SLOPE IN LIEU OF 1.25" I.P. TAGGED "RCE 21789" PER (R18). N84°59'59"W 0.44' FROM E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA
- 24

FD SPIKE & WASHER STAMPED "RCE 21789" PER (R14), (R18), (R19) & (R23) DOWN 0.3' (M & R18, R19) IN A/C. ACC. AS INT. BETWEEN C/L GOLDEN AVENUE AND E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA PER (R18), (R19), & (R23)
- 25

FD C-NAIL FLUSH IN CONC. DRAINAGE APRON. NO REF. ACC. AS LOCATION OF BOLT PER (R13) ACC. AS COMMON E'LY COR. BETWEEN FRACTIONAL SECTIONS 17 & 20, T3S, R9W, S.B.M.
- 26

FD 1.5" I.P., NAIL & TAG STAMPED "LS 4140" FLUSH IN DIRT SLOPE PER (R19) S86°34'31"W 0.45' FROM E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA.
- 27

FD BRASS NAIL & TAG STAMPED "LS 6379" SET IN LEAD PER (R19) FLUSH IN CONCRETE WALK S86°34'31"W 0.32' FROM E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA
- 28

FD SPIKE & WASHER STAMPED "LS 8639" FLUSH IN A/C. NO REF. S 03°25'29" E' 0.10' FROM INT. OF SW'LY LINE TRACT NO. 17150 & E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA PER (R21)
- 29

FD SPIKE & WASHER STAMPED "LS 8639" FLUSH IN A/C. NO REF. S 03°25'29" E' 0.11' FROM INT. OF MONUMENTED C/L IMPERIAL HIGHWAY AND E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA PER (R21)
- 30

FD 2" I.P., NAIL & TAG STAMPED "RCE 12578" (PER R13) DOWN 1.0' IN DIRT AT TOP OF SLOPE S89°48'13"E 0.24' FROM NE'LY COR. TRACT NO. 5648 (R13)

MONUMENT NOTES

- 31

FD SPIKE & WASHER STAMPED "LS 8639" FLUSH IN A/C. NO REF. ACC. AS C/L INT. OF MONUMENTED C/L IMPERIAL HIGHWAY & LA FLORESTA DRIVE PER (R21)
- 32

FD SPIKE & WASHER STAMPED "LS 8639" FLUSH IN A/C. NO REF. ACC. AS ANGLE POINT IN SW'LY LINE TRACT NO. 17150 PER (R21)
- 33

FD SPIKE & WASHER STAMPED "LS 8639" FLUSH IN A/C. NO REF. ACC. AS ANGLE POINT IN SW'LY LINE TRACT NO. 17150 PER (R21)
- 34

FOUND 1.25" I.P., NAIL & TAG STAMPED "LS 2988" PER (R22) DOWN 0.30' IN DIRT. ACC. AS POINT ON NE'LY LINE TRACT NO. 5871 & SW'LY PACIFIC ELECTRIC RR R/W.
- 35

FD 1.25" I.P., NAIL & TAG STAMPED "LS 2988" PER (R22) DOWN 0.30' IN DIRT. N29°30'28"E 0.12' OFF NE'LY LINE TRACT NO. 5871 & SW'LY PACIFIC ELECTRIC RR R/W.
- 36

FD L,T,&T STAMPED "LS 2988" SET FUSH IN TOP OF CONC. BLOCK WALL. NO REF. S29°30'28"W 0.69' OFF NE'LY LINE TRACT NO. 5871 & SW'LY PACIFIC ELECTRIC RR R/W.
- 37

FD 1" I.P. WITH BROKEN, ILLEG. PLASTIC YELLOW PLUG, DOWN .2' IN GRASS. ACC. AS POINT ALONG SW'LY PACIFIC ELECTRIC RR R/W.
- 38

FD 1.25" I.P. WITH PLASTIC YELLOW PLUG STAMPED "LS 2988". NO REF. DOWN 0.4' IN GRASS. ACC. AS POINT ALONG SW'LY PACIFIC ELECTRIC RR R/W.
- 39

FD 1" DIAMETER SPIKE DOWN 0.30' IN A/C. NO REF. N00°12'38"E 0.09' FROM ESTAB. C/L GOLDEN AVENUE (SAME BEING THE COMMON LINE BETWEEN FRACTIONAL SECTIONS 17 & 20, T3S, R9W, S.B.M.)
- 40

FD SPIKE, NO PUNCH. NO REF. ACC. AS LOCATION OF BOLT PER (R13), (R18), & (R26). DOWN 0.2' IN A/C (FLUSH R19 & 0.04' R26)
- 41

FD SPIKE AND WASHER STAMPED "LS 3419" FLUSH IN A/C. NO REF. S89°47'22"E 1.08' FROM THE MOST N'LY EAST TRACT LINE (R12) & DEED LINE (R20).
- 42

FD SPIKE AND WASHER STAMPED "LS 3419" FLUSH IN A/C. NO REF. N89°47'22"W 0.10' & N00°12'38"E 0.22' FROM ANG PT IN EAST TRACT LINE (R12) & DEED LINE (R20).
- 43

FD 2.5" I.P., NAIL & TAG STAMPED "RCE 13420" PER (R12) DOWN 1.0' IN DIRT. S88°08'42"E 0.42' & N01°51'18"E 0.24' FROM ANG PT IN EAST TRACT LINE (R12) & DEED LINE (R20). (R12) CALLS SAME MONUMENT 0.16' W'LY OF ESTAB. CORNER.
- 44

FD 2.5" I.P., NAIL & TAG STAMPED "RCE 13420" PER (R12) DOWN 1.0' IN DIRT. S88°08'42"E 0.19' & N01°51'18"E 0.20' FROM ANG PT IN EAST TRACT LINE (R12) & DEED LINE (R20). (R12) CALLS SAME MONUMENT 0.35' E'LY OF ESTAB. CORNER.
- 45

FOUND 1" I.P., NAIL & TAG STAMPED "RCE 15795" PER (R15) DOWN 0.2' IN DIRT. ACC. AS NE'LY COR LOT 6 (R15) AND A POINT ON THE GENERAL S'LY LINE OF ANAHEIM UNION WATER CO.
- 46

FOUND 1.5" I.P., NAIL & TAG STAMPED "RCE 12588" DOWN 0.4 FT IN DIRT NO REF. N05'00'01"E 0.09' FROM ESTAB. ANAHEIM UNION WATER COMPANY R/W LINE.
- 47

FD PUN. SPIKE AND WASHER STAMPED "R.C.E. 12795" FLUSH IN A/C. ACC. AS COUNTY OF ORANGE HORIZONTAL CONTROL MONUMENT "GPS 5183" PER (R19). ACC. AS C/L INT. GOLDEN AVENUE & NAVAJO AVENUE.
- 48

FD 1.5" ALUM. CAP STAMPED "LS 8639" SET IN 1" I.P. DOWN 0.10' IN DIRT. NO REF. ACC. AS C/L BC MONUMENT FOR LA FLORESTA DRIVE PER (R21)
- 49

FD PUNCHED 2.5" BRASS DISK STAMPED "12--77" DOWN 1.7' IN O.C.S. WELL MONUMENT. GPS 0495. ACC. AS COUNTY OF ORANGE HORIZONTAL CONTROL MONUMENT "GPS 0495" PER (R2). (R14) & (R19). ACC. AS C/L INT. ROSE DRIVE & GOLDEN AVENUE.
- 50

SNF. ESTAB. BY TIES PER (R26)
- 51

NOT SURVEYED. ESTAB. C/L ANG. PT. BY REC. DISTANCE (314.85') & REC. DEFLECTION ANGLE (00°00'046") PER R5 & R6. C/L OF McCORMACK LANE ROTATED BETWEEN MONUMENTS 7 AND 17 HOLDING THE POSITION OF C/L ANG. PT.
- 52

NOT SURVEYED. ESTAB. C/L INT.'S OF CALIFORNIA STREET BY REC. PER R11, R13 & O.R. 10065/364. TIES FOUND AT ALL CURB RETURNS, BUT NO REFERENCE FOUND. A REQUEST HAS BEEN MADE TO CITY OF PLACENTIA FOR TRACT TIE NOTES, BUT THE CITY HAS BEEN UNABLE TO LOCATE TO DATE.
- 53

FD 1.25" I.P., NAIL & TAG STAMPED "LS 3090" DOWN .4' IN DIRT NO. REF. S89°33'51"E (RAD.) 0.10' FROM COMMON LINE BETWEEN E'LY LINE TRACT NO. 6274 (R11) & W'LY O.C.F.C.D. R/W LINE PER (R30)
- 54

FD 1.25" I.P., NAIL & TAG STAMPED "LS 3090" DOWN .4' IN DIRT NO. REF. ACCEPTED AS A POINT ON THE COMMON LINE BETWEEN E'LY LINE TRACT NO. 6274 (R11) & W'LY O.C.F.C.D. R/W LINE PER (R30) & S04°39'10"E (LONG CHORD) 0.12' FROM THE COMMON TRACT LINE BETWEEN TRACT NO. 4410 (R5 & R6) AND 6274 (R11).
- 55

FD SPIKE & ILLEG. TAG FLUSH IN A/C. NO REF. ACC. AS POSITION OF SPIKE & WASHER STAMPED "LS 2921" FROM THE S'E'LY COR. TRACT NO. 8160 PER (R33) & AS THE P.O.B. OF THE C/L OF THE O.C.F.C.D. R/W LINE PER (R30).
- 56

FD SPIKE & 1.5" WASHER STAMPED "OC SURVEY" PER (R34). N00°13'19"E 0.17' (0.07' R34) FROM POINT OF INT. FOR THE S'LY LINE SEC. 20, T3S R9W S.B.M. WITH THE E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA PER (R30) & (R33).
- 57

FD SPIKE & WASHER STAMPED "LS 2921" FLUSH IN A/C. ACC. FOR THE SW'LY COR. TRACT NO. 8160 PER (R33).
- 58

FD RR SPIKE PER (R33) WITH CHIS. + DN 0.4'. ACC. AS C/L INT. OF YORBA PLACE AND McCORMACK LANE PE (R33).

ESTABLISHNENT NOTES

- 1

ESTABLISHED C/L OF BASTANCHURY ROAD BETWEEN RANCHO LINE AND ROSE DRIVE BY HOLDING MONUMENTS 1, 2, 3, & 4.
- 2

ESTAB. C/L OF BASTANCHURY ROAD BETWEEN RANCHO LINE AND McCORMACK LANE HOLDING THE POSITIONS OF MONUMENTS 4 & 7. MONUMENTS 5 & 6 FALL N05°00'01"E 0.07' FROM ESTAB. C/L INT'S.
- 3

ESTAB. C/L OF UNNAMED ALLEY BY HOLDING PARALLEL TO ESTAB. BEARING BETWEEN MONUMENTS 6 & 8 PER (R5) AND (R6).
- 4

ESTAB. C/L'S OF SPAHN LANE, MATHEWSON STREET, EARNSHAW DRIVE, & MEDWICK LANE HOLDING FOUND MONUMENTS 6 & 8 THROUGH 15 PER (R5), (R6), & (R7). CURVED C/L'S ESTAB. BY HOLDING TANGENCY AND REC. RADIUS PER (R5) & (R6).
- 5

ESTAB. C/L OF TRAYNOR AVENUE HOLDING FOUND MONUMENT 15 PER (R5) & (R6) AND TIE AT THE N'LY TRACT LINE PER (R7).
- 6

ESTAB. E'LY LINE OF RANCHO SAN JUAN CAJON DE SANTA ANA BETWEEN IMPERIAL HIGHWAY AND C/L OF ANAHEIM UNION WATER COMPANY HOLDING MONUMENTS 19, 22, 24, & 25. THE INTENT OF THE E'LY RANCHO LINE IS A SINGLE COURSE BETWEEN YORBA LINDA BOULEVARD AND GOLDEN AVENUE PER (R5) & (R6). AN ANGLE POINT WAS PLACED AT THE INTERSECTION OF THE E'LY RANCHO LINE AND THE N'LY LINE OF FRACTIONAL SECTION 20, T3S, R9W, S.B.M., SAME BEING THE C/L OF GOLDEN AVENUE RUNNING W'LY FROM THE E'LY RANCHO LINE.
- 7

ESTAB. W'LY LINE OF PARCEL 1 AT RECORD ANGLE AND DISTANCE PER (R14). THE ESTAB. NW'LY CORNER AGREES WITH THE POSITION OF MONUMENT 21, HOWEVER, THE W'LY LINE DOES NOT AGREE WITH THE ESTAB. POSITION OF THE E'LY LINE OF RANCHO SAN JUAN CAJON DE SANTA ANA. NW'LY CORNER OF PARCEL 1 FALLS N86°33'27"E 0.53' AND SW'LY CORNER FALLS N86°33'27"E 0.80'
- 8

THE OVERALL TRACT DIMENSIONS OF PARCEL 1 (R14) DO NOT AGREE WITH THE PARCEL 1 DIMENSIONS SHOWN PER (R28). (R28) IS A PRECEDING LOT LINE ADJUSTMENT AND THE DIMENSIONS AGREE BETTER WITH THE POSITON OF THE E'LY RANCHO LINE.
- 9

THE LAND DESCRIBED IN O.R 8000/304 (O.C.F.C.D.) ESTAB. BY REC, ANGLE & DIST. PER (R14). HOWEVER, SINCE THE POSITION OF THE W'LY LINE OF PARCEL 1 (R14) IS IN QUESTION, THEN THE LOCATION OF O.C.F.C.D. LAND IS ALSO IN QUESTION.
- 10

ESTAB. COMMON TRACT LINE BETWEEN TRACTS 4410 (R6) & 6274 (R11) BY HOLDING MONUMENTS 16, 17 & 18 PER (R5).
- 11

ESTAB. COMMON TRACT LINE & DEED LINE BETWEEN TRACTS 6274 (R11) & 7532 (R12) AND DEEDS (R20) & PARCEL 2 OF (R27) BY HOLDING A LINE 423.74 FEET S'LY OF AND PARALLEL WITH C/L GOLDEN AVENUE (SAME BEING COMMON SECTION LINE BETWEEN FRACTIONALIZED SECTIONS 17 & 20, T3S, R9W, S.B.M.) PER (R12), (R20), & (R27).
- 12

THIS POSITION DOES NOT AGREE WITH FOUND MONUMENTS 42, 43, & 44. ADDITIONALLY, SEE ESTAB. NOTE 13 FOR MORE DETAILS. TIES FOUND ALONG CURBS AT APPARENT TRACT LINE TIE TO C/L McCORMACK LANE, BUT NO REFERENCE FOUND. A REQUEST HAS BEEN MADE TO CITY OF PLACENTIA FOR TRACT TIE NOTES, BUT THE CITY HAS BEEN UNABLE TO LOCATE TO DATE.
- 13

ESTAB. MONUMENTED C/L IMPERIAL HIGHWAY 84.00' NE'LY OF AND PARALLEL WITH THE COMMON LINE BETWEEN THE SW'LY R/W LINE PACIFIC ELECTRIC RAILROAD R/W AND NE'LY LINE TRACT NO. 5871 (R22) PER (R25) HOLDING MONUMENTS 31, 34, 36, & 37 AND RESPECTING THE POSITION OF MONUMENTS 28, 32, & 33 ALONG THE SW'LY LINE TRACT NO, 17150 PER (R21)
- 14

ESTAB. SW'LY LINE TRACT NO. 17150 (R21) HOLDING RECORD OFFSETS FROM MONUMENTED C/L IMPERIAL HWY AND MONUMENTS 27, 32, & 33.
- 15

THE OVERALL R/W WIDTH OF GOLDEN AVENUE IMMEDIATELY WEST OF THE E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA SHOWN AS 60' WIDE PER ORANGE COUNTY ASSESSOR. ACTUALLY R/W WIDTH NEEDS VERIFICATION.

ESTABLISHNENT NOTES

- 13

THE LAND DESCRIBED IN THE GRANT DEED (R20) IS CURRENTLY BEING SUBDIVIDED UNDER TENTATIVE PARCEL MAP NO. 2018-201 BY KING CIVIL ENGINEERING. THE ESTABLISHMENT OF THE DEED LINES VARIES SOMEWHAT ALONG THE MOST SOUTHERLY COURSES AS COMPARED TO (R12) AND DOES NOT AGREE WITH THE LOCATION OF MONUMENTS SHOWN ON (R12). THE FALLINGS CALLED OUT ON R12 FOR FOUND MONUMENTS DOES NOT AGREE WITH POSITION OF MONUMENTS 42, 43, & 44. THE MONUMENTS FALLS +/- 0.20' N'LY OF DEED AND REC. TRACT CORNERS. SEE ESTAB. ADDITIONALLY SEE ESTAB. NOTE 9 FOR DETAILS. OF S'LY TRACT LINE ESTAB..
- 14

35.00' WIDE FLOOD CONTROL DISTRICT EASEMENT ESTAB. BY REC. ANGLE & DIST. PER (R30) HOLDING MONUMENT 55 & ROTATED ONTO A DEED TIE POINT ALONG THE C/L OF GOLDEN AVENUE (SAME BEING COMMON SECTION LINE BETWEEN FRACTIONALIZED SECTIONS 17 & 20, T3S, R9W, S.B.M.) N89°47'22"W (N89°59'07" R30) 39.06' FROM MONUMENT 25 PER R30.
- 15

COMMON BOUNDARY LINE (DEED LINE) BETWEEN PARCELS 1 & 2 OF (R27) HELD AS THE E'LY PROLONGATION OF THE N'LY LINE TRACT NO. 4410 (R5 & R6) PER PARCEL 1 OF (R27). PARCEL 2 DOES NOT CALL THIS PROLONGED LINE. CURRENTLY THE SAME ENTITY OWNS BOTH PARCELS, BUT THIS COULD CAUSE PROBLEMS IN THE FUTURE WITH RETRACEMENT SURVEYS WITHOUT UNDERSTANDING JUNIOR/SENIOR RIGHTS.
- 16

THE OVERALL R/W WIDTH OF BASTANCHURY IMMEDIATELY EAST OF THE E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA SHOWN PER ORANGE COUNTY ASSESSOR WITH AN APPROXIMATED CURVED R/W. ACTUALLY R/W WIDTH NEEDS VERIFICATION.
- 17

THE EXCEPTION TO INST. NO. 88-234291, O.R. IS THE S'LY LINES OF PARCEL A PER INST. NO. 19980805840, O.R. (11/24/1998) AND AS SHOWN PER (R14). FOR ADDITIONAL DETAILS REGARDING (R14), SEE ESTAB. NOTE 7.
- 18

INTERIOR ASSESSOR PARCEL LINES SHOWN ON COUNTY ASSESSOR BOOK 334, PAGE 04 ARE NOT SHOWN.
- 19

COMMON BOUNDARY LINE (DEED LINE) BETWEEN PARCELS 1 OF (R27) & THE LAND DESCRIBED IN THE GRANT DEED PER NO. 93-0171100, O.R. BOTH CALL FOR A LINE RUNNING EASTERLY TO A RECORD CORNER ON THE E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA. AT THIS TIME THERE IS NOT ENOUGH INFORMATION TO PLACE THIS LINE ACCURATELY WITHOUT A SECTIONAL BREAKDOWN AND VERIFYING JUNIOR/SENIOR RIGHTS.
- 20

S'LY PORTION TRACT NO. 4410 (R5 & R6) AND ANAHEIM UNION WATER CO. R/W ESTAB. PARALLEL TO MONUMENTED C/L BASTANCHURY ROAD PER (R5) & (R6). CURVED PORTION OF THE ANAHEIM UNION WATER CO. R/W EAST OF THE E'LY LINE RANCHO SAN JUAN CAJON DE SANTA ANA ESTAB. BY RECORD PER (R2), (R4), & (R15).
- 21

CALIFORNIA STREET (60' WIDE) NOT SURVEYED AND ESTAB. BY RECORD PER (R13).
- 22

CALIFORNIA STREET (60' WIDE) NOT SURVEYED AND ESTAB. BY RECORD PER (R11) & O.R.10065/364.

BASIS OF BEARINGS

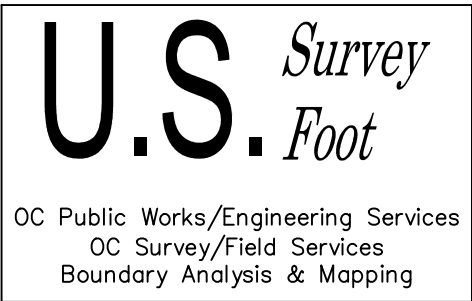
THE BEARINGS SHOWN HERON ARE BASED ON THE BEARING BETWEEN O.C.S. HORIZONTAL CONTROL STATIONS GPS NO. "CCCS" AND GPS NO. "OEOG", BEING N45°17'30"W, PER O.C.S. HORIZONTAL CONTROL DATE SHEETS.

HORIZONTAL DATUM

THE COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE VI, 1983 NORTH AMERICAN DATUM (2007.00 EPOCH, O.C.S. GPS ADJUSTMENT).

ALL DISTANCES SHOWN ARE IN GRID, UNLESS OTHERWISE NOTED. DIVIDED THE GRID DISTANCE BY 0.9999908 TO OBTAIN A GROUND DISTANCE.

ALL DISTANCE ARE BASED ON US SURVEY FEET.



			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			OC LOOP - SEGMENT D BIKEWAY				
			TOPOGRAPHIC MAP				
			FROM: BASTANCHURY ROAD				
			TO: SOUTHWEST SIDE OF IMPERIAL HWY. TO LA FLORESTA DRIVE				
			DATE OF SURVEY: DECEMBER 17, 2018		BY: JOHNS & PARTY		SHEET NO. 4 of 11
			BOUNDARY MAPPING		BY: J.MORENO, PLS		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. MORENO, PLS		
			SCALE: 1" = 100' W.O. # EF17410S		FILE NO. N/A		
FILE: OC_LOOP_SEG_D_BIKWAY_BOUNDARY							
MARK	DATE	ITEM	REVISIONS				

OC LOOP - SEGMENT D
DETAILS & NOTES SHEET

REFERENCES

- (R1) - C.R. 2006-1100A
- (R2) - TRACT NO. 15808 M.M. 795/20-21
- (R3) - PARCEL MAP NO. 2016-111 P.M.B. 397/46-49
- (R4) - R.S.B. 74/36
- (R5) - R.S.B. 87/32-33
- (R6) - TRACT NO. 4410 M.M. 196/48-50
- (R7) - A/3-9 PGS 1229-1234 (TRACT NO. 4410 TIE NOTES)
- (R8) - C.R. 2001-0098
- (R9) - RECORD OF SURVEY NO. 2005-105 R.S.B. 207/21
- (R10) - RECORD OF SURVEY NO. 2008-1095 R.S.B. 237/46
- (R11) - TRACT NO. 6274 M.M. 242/8-9
- (R12) - TRACT NO. 7532 M.M. 299/22-23
- (R13) - TRACT NO. 5648 M.M. 258/10-11
- (R14) - PARCEL MAP NO. 2016-111 P.M.B. 397/46-49
- (R15) - TRACT NO. 8974 M.M. 367/31-32
- (R16) - TRACT NO. 4180 M.M. 162/6-10
- (R17) - R.S.B. 28/4
- (R18) - TRACT NO. 9192 M.M. 379/8-9
- (R19) - TRACT NO. 17489 M.M. 923/44-47
- (R20) - INST. NO. 2012000616753, O.R.
- (R21) - TRACT NO. 17150 M.M. 905/19-36
- (R22) - TRACT NO. 5871 M.M. 245/49-50
- (R23) - RECORD OF SURVEY NO. 81-1148 R.S.B. 103/17
- (R24) - R.S.B. 99/2-3
- (R25) - R.S.B. 67/18
- (R26) - A/3-9 PGS 1421-1431
- (R27) - INST. NO. 2009000565974, O.R.
- (R28) - CITY OF PLACENTIA LLA 2001-02 INST. NO. 2008000117285, O.R.
- (R29) - TRACT NO. 17159 M.M. 919/16-23
- (R30) - O.R. 7716/932
- (R31) - A/3-9 PGS 1265-1268
- (R32) - RECORD OF SURVEY NO. 84-1200 R.S.B. 109/34-36
- (R33) - TRACT NO. 8160 M.M. 335/24-32
- (R34) - PARCEL MAP NO. 91-125 P.M.B. 268/46-47
- (R35) - A/3-9 PGS 121-122

LINE TABLE

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S60°29'32"E	1044.89'
L2	S03°25'29"E	33.80'
L3	N89°48'13"W	31.93'
L4	N60°29'32"W	1457.20'
L5	N29°30'28"E	73.21'
L6	S89°48'13"E	100.20'
L7	S03°25'29"E	643.81'
L8	N86°33'38"W	100.72'
L9	N03°25'29"W	638.10'
L10	N00°12'38"E	8.46'
L11	S86°33'38"E	181.64'
L12	S03°26'33"E	382.74'
L13	N89°47'22"W	127.54'
L14	N01°51'18"E	171.81'
L15	N89°47'22"W	123.18'
L16	N09°29'26"W	49.58'
L17	N00°12'40"E	12.62'
L18	S89°47'22"E	72.32'
L19	S03°26'33"E	410.17'
L20	N89°45'35"W	130.95'
L21	N09°56'31"E	29.27'
L22	S89°45'35"E	247.39'
L23	S03°26'33"E	495.40'
L24	N89°46'01"W	125.38'
L25	N13°28'16"W	310.70'
L26	N29°07'00"W	163.55'
L27	N00°14'25"E	50.00'
L28	S26°35'05"E	32.58'
L29	S03°26'33"E	111.60'
L30	N45°49'58"W	52.58'
L31	N43°19'40"W	138.00'
L32	N19°47'10"W	4.22'
L33	S89°46'01"E	112.55'
L34	S27°43'47"E	40.00'
L35	S89°44'08"W	28.75'
L36	S03°26'42"E	272.42'
L37	N89°43'55"E	182.53'
L38	N00°27'12"E	142.00'
L39	N89°44'08"E	185.00'
L40	S00°27'18"E	222.00'
L41	N89°44'08"E	589.75'
L42	N44°38'25"E	28.23'
L43	N00°27'22"W	601.03'
L44	S89°34'38"W	1007.61'
L45	S03°26'21"E	203.45'
L46	N03°26'00"W	73.16'
L47	S03°26'59"W	121.27'
L48	S84°59'59"E	30.33'
L49	N03°26'33"W	121.62'
L50	S84°59'59"E	131.42'
L51	N03°26'33"W	129.92'
L52	S03°26'33"E	133.64'
L53	N84°59'59"W	40.44'
L54	S00°27'45"E	141.61'
L55	N84°59'59"W	162.57'

CURVE TABLE

CURVE TABLE			
CURVE	DELTA	R	L
C1	7°55'21"	3059.97'	423.12'
C2	90°00'01"	27.00'	42.41'
C3	2°27'56"	70.00'	3.01'
C4	9°42'06"	40.00'	6.77'
C5	22°17'29"	120.00'	46.69'
C6	22°17'29"	180.00'	70.03'
C7	14°35'55"	1012.99'	258.11'
C8	4°06'11"	1736.98'	124.39'
C9	1°48'31"	977.99'	30.87'
C10	0°06'48"	275.00'	0.54'
C11	4°00'43"	275.00'	19.26'

RADIAL TABLE

RADIAL TABLE	
RADIAL	BEARING
R1	N89°47'20"W
R2	N00°12'41"E
R3	N82°58'10"E
R4	N80°30'34"E
R5	S80°30'34"W
R6	N89°47'20"W
R7	N89°47'20"W
R8	N67°29'51"W
R9	S64°04'44"W
R10	S62°16'13"W
R11	N05°06'49"E
R12	N05°00'01"E

ANGLE TABLE

ANGLE LINE TABLE		
ANGLE	BEARING	RECORD REFERENCE
A1	176°46'17"	(176°46'18" R26)
A2	176°09'01"	(176°08'55" R26)
A3	174°44'07"	(174°44'00" R26; 174°45'00" R31; 174°44'13" R32)
A4	00°00'46"	(R5 & R6)
A5	94°47'56"	(94°47'52" R5 & R6)

TIE TABLE

TIE TABLE			
TIE	DISTANCE	DESCRIPTION	RECORD REFERENCE
T1	40.61'	FD CHISLED "X" ON TOP OF CURB	(M&R26)
T2	31.74'	FD CHISLED "X" ON TOP OF CURB	(M&R26)
T3	39.67'	FD CHISLED "X" ON TOP OF CURB	(M&R26)
T4	18.45'	FD LEAD AND TACK ON TOP OF CURB	(M&R7)
T5	42.33'	FD LEAD AND TACK ON TOP OF CURB	(42.35' R7)
T6	42.10'	FD LEAD AND TACK ON TOP OF CURB	(42.15' R7)
T7	18.27'	FD LEAD AND TACK ON TOP OF CURB	(M&R7)

APN INFORMATION

- A

APN 336-371-36
PARCEL B
INST. NO. 2013000636903, O.R.
(11/20/2013)
- B

APN 336-291-01
TENTATIVE PARCEL MAP NO. 2018-201
INST.NO. 2012000616753, O.R.
(10/11/2012)
- C

APN 336-291-13
APN 336-291-14
PARCEL 2
INST.NO. 2009000565974, O.R.
(10/16/2009)
- D

APN 336-081-19
PARCEL 1
INST.NO. 2009-000565974, O.R.
(10/16/2009)
- E

APN 336-081-21
INST.NO. 93-0171100, O.R.
(03/15/1993)
- F

APN 336-081-21
O.R. 8013/709,
(08/09/1966)
- G

APN 334-041-05
O.R. 8000/304,
(07/27/1966)
(AS SHOWN PER R14)
- H

APN 334-061-04
INST.NO. 2018000256600, O.R.
(07/13/2018)
- I

APN 334-061-03
INST.NO. 2012000603179, O.R.
(10/04/2012)
- J

APN 334-061-02
INST.NO. 83-059952, O.R.
(02/07/1983)
- K

APN 334-061-01
INST.NO. 83-059951, O.R.
(02/07/1983)

BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING BETWEEN
O.C.S. HORIZONTAL CONTROL STATIONS GPS NO. "CCCS" AND
GPS NO. "OEOC", BEING N45°17'30"W, PER O.C.S. HORIZONTAL
CONTROL DATE SHEETS.

HORIZONTAL DATUM

THE COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE
SYSTEM OF 1983 (CCS83), ZONE VI, 1983 NORTH AMERICAN DATUM
(2007.00 EPOCH, O.C.S. GPS ADJUSTMENT).

ALL DISTANCES SHOWN ARE IN GRID, UNLESS OTHERWISE NOTED.
DIVIDED THE GRID DISTANCE BY 0.9999908 TO OBTAIN A GROUND
DISTANCE.

ALL DISTANCE ARE BASED ON US SURVEY FEET.

STREET CENTER CURVE TABLE

STREET CENTER LINE CURVE TABLE			
CURVE	DELTA	R	RECORD REFERENCE
C100	29°12'44"	250.00'	(29°13'30" R5 & R6) (127.52' R5 & R6)
C101	04°45'45"	599.99'	(04°45'57" R5 & R6) (49.91' R5 & R6)

STREET CENTER LINE TABLE

STREET CENTER LINE TABLE			
LINE	BEARING	DISTANCE	RECORD REFERENCE
L100	N89°47'22"W	104.98'	(104.95' R13)
L101	N89°47'22"W	61.10'	
L102	N89°47'22"W	39.06'	(R30)
L103	N89°47'22"W	101.16'	(100.20' R13)
L104	N86°33'38"W	387.19'	(387.21' R18 & R26)
L105	N89°35'22"E	932.15'	(932.22' R18; 932.28' R19; 932.14' R26)
L106	N00°14'21"E	129.95'	(130.00' R5 & R6)
L107	N89°45'59"W	218.01'	(218.00' R5 & R6)
L108	N28°58'41"W	61.83'	(61.87' R5 & R6)
L109	N00°14'03"E	215.26'	(215.28' R5 & R6)
L110	N04°59'49"E	114.52'	
L111	N85°00'00"W	201.02'	(201.00' R5 & R6)
L112	N04°59'44"E	170.04'	(170.00' R5 & R6)
L113	N84°59'59"W	99.01'	(99.00' CALC'D R5 & R6)
L114	N84°59'59"W	70.87'	(71.00' R5 & R6)
L115	N84°59'59"W	71.69'	(71.55' R31 & R32; 72.55' R14)
L116	N84°59'59"W	142.56'	
L117	N84°59'59"W	241.57'	(241.59' R2)
L118	N89°44'08"E	71.02'	(71.88' R14)
L119	N89°44'08"E	219.69'	(219.70' R2; 219.72' R14)
L120	N89°44'08"E	213.41'	
L121	N89°44'08"E	519.15'	
L122	N89°44'08"E	732.56'	(732.60' R2)
L123	N89°44'08"E	1023.29'	(1023.30' R4; 1024.14' R14)
L124	N89°44'08"E	952.25'	(952.30' R2; 952.27' R3 & R14; 952.14' R31; 952.22' R32)

OCFCD EASEMENT CL LINE AND CURVE TABLE

OCFCD EASEMENT CL (O.R. 7716/932)				
Line #/Curve #	Length	Direction/Delta	Radius	
EL1	356.25'	N25°42'47"E		
EC1	240.27	22°56'39"	599.99	
EL2	807.95'	N02°46'30"E		
EC2	215.05	20°32'09"	599.99	
EL3	248.04'	N17°45'39"W		
EC3	195.90	11°13'28"	999.99	
EL4	817.86'	N06°32'11"W		
EC4	438.99	31°26'26"	799.99	
EL5	41.94'	N24°54'15"E		
EC5	551.11	52°37'40"	599.99	
EL6	193.74'	N27°43'25"W		
EC6	188.76	10°48'55"	999.99	
EL7	96.64'	N16°54'30"W		
EC7	468.68	26°51'13"	999.99	
EL8	29.27'	N09°56'43"E		
EC8	444.58	14°33'21"	1749.98	
EL9	106.58'	N04°36'38"W		

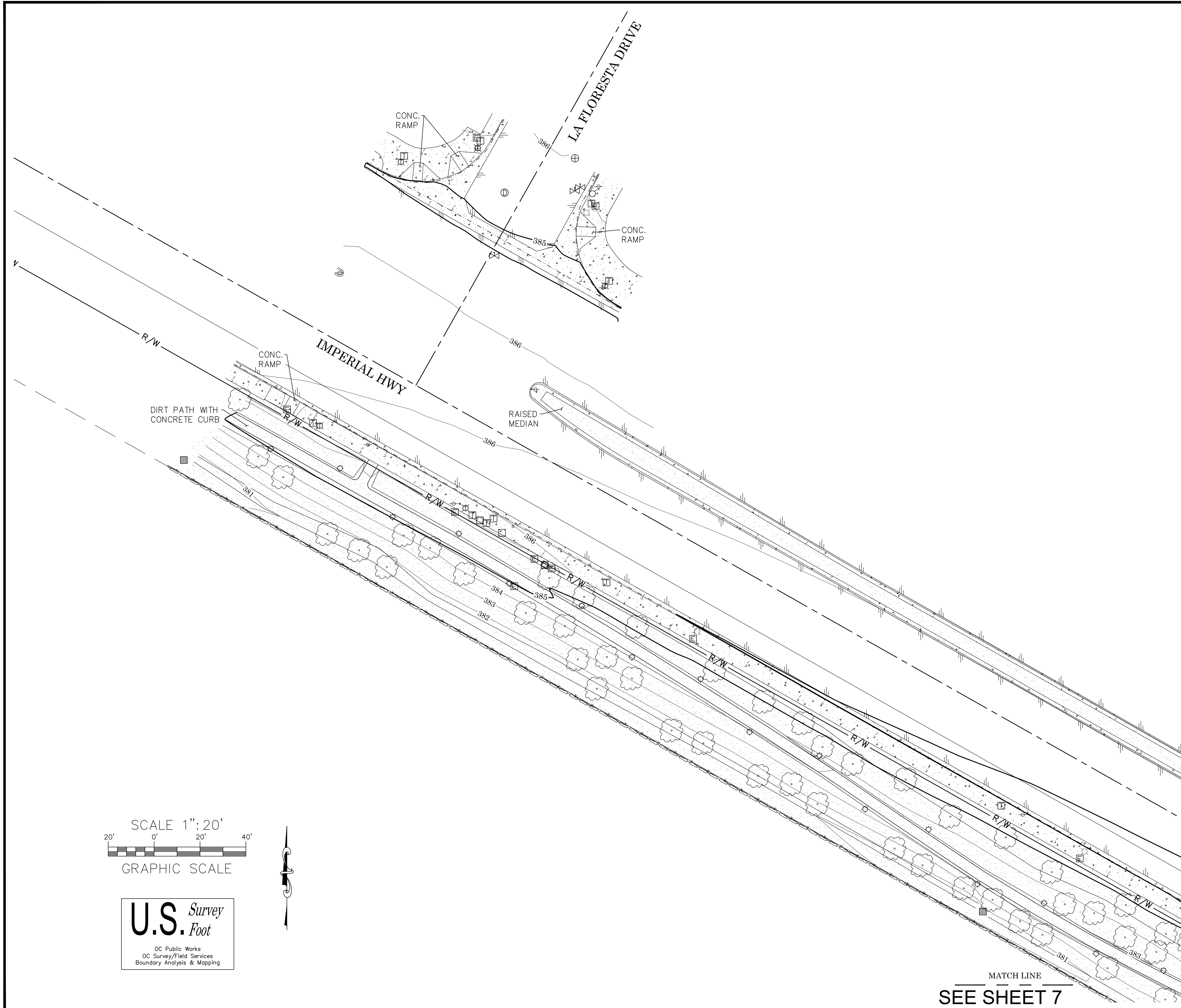
			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			OC LOOP - SEGMENT D BIKEWAY			
			TOPOGRAPHIC MAP			
			FROM: BASTANCHURY ROAD			
			TO: SOUTHWEST SIDE OF IMPERIAL HWY. TO LA FLORESTA DRIVE			
			DATE OF SURVEY: DECEMBER 17, 2018		BY: JOHNS & PARTY	
			BOUNDARY MAPPING		BY: J.MORENO, PLS	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. MORENO, PLS	
			SCALE: 1" = 100'		W.O. # EF174105	
FILE: OC_LOOP_SEG_D_BIKWAY_BOUNDARY						
MARK	DATE	ITEM				
REVISIONS						

SHEET NO.

5

of

11



LEGEND

SYMBOL
 Control Box Electrical
 Control Box - Unknown
 Fire Hydrant
 Gate - Single
 Grate Inlet
 Catch Basin
 Light Pole - Concrete/1 Light
 Manhole Electrical
 Manhole Storm Drain
 Manhole Sewer
 Manhole Water
 Manhole Undefined
 Meter Water
 Meter Gas
 Pull Box Electrical
 Post
 Black Flow Prevention Device
 Traffic Signal w/ Light
 Sign Post
 Palm Tree
 Tree
 Sign Board Steel
 Valve Water
 Rolling Gate

SYMBOL
 Vent Pipe
 Yard Light
 Pull Box Traffic
 UTILITY POLE WOOD

LINE PATTERN KEY
 Lip
 Fence Chain Link
 Fence Plastic
 Flowline
 Guard Rail
 Striping
 Retaining Wall - Conc.
 Block Wall
 Hinge Point
 Fence Wrought Iron
 RIGHT OF WAY
 CENTER LINE
 PARCEL LINE

AREA PATTERN KEY
 Concrete
 Dirt

SCALE 1"= 20'

GRAPHIC SCALE

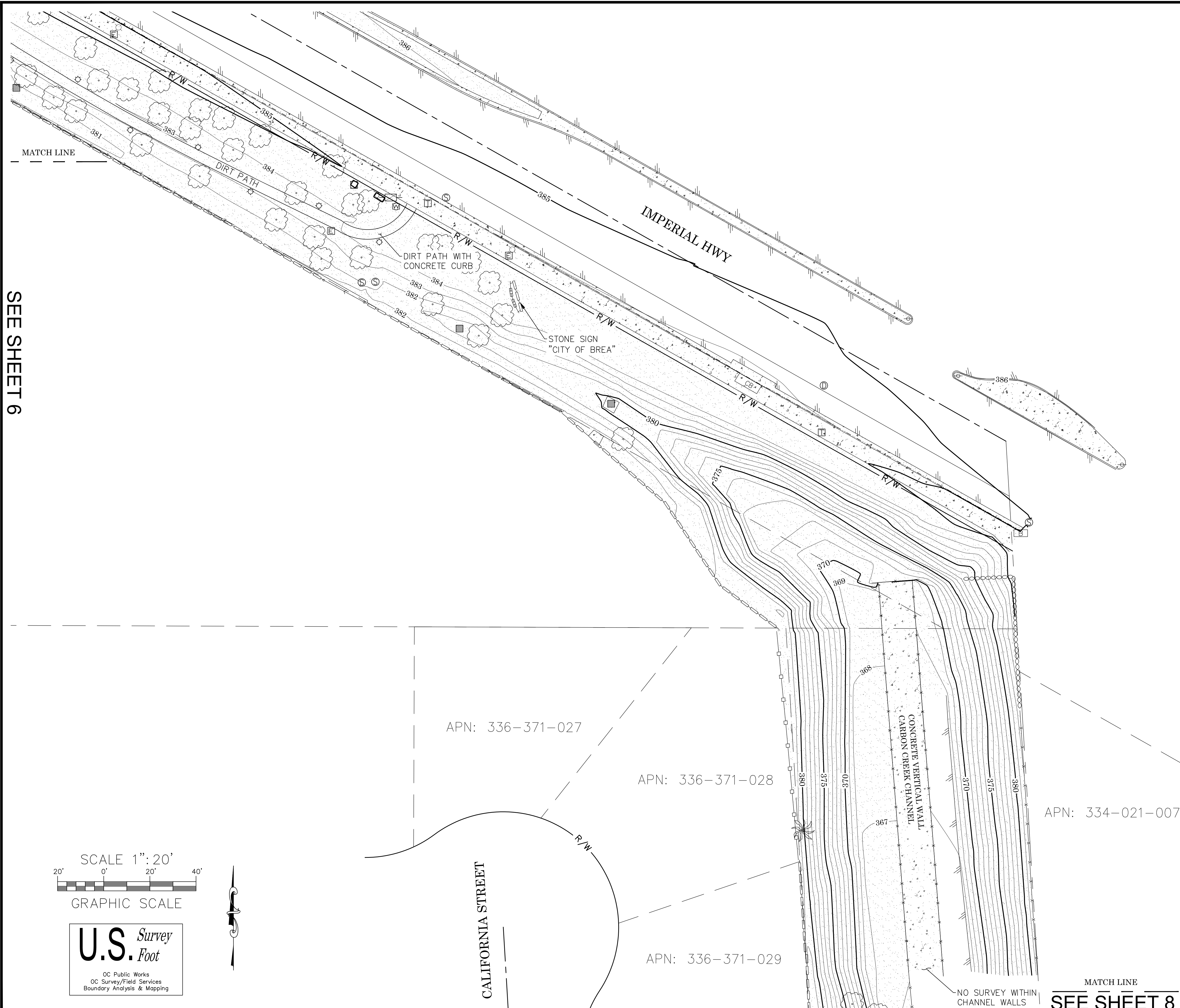
U.S. Survey Foot

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

MATCH LINE
SEE SHEET 7

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			OC LOOP - SEGMENT D BIKEWAY			
			TOPOGRAPHIC MAP			
			FROM: BASTANCHURY ROAD			
			TO: SOUTHWEST SIDE OF IMPERIAL HWY, UP TO LA FLORESTA DRIVE			
			DATE OF SURVEY: MAY 7, 2019	BY: JOHNS & PARTY	SHEET NO. 6 of 11	
			TOPOGRAPHIC MAPPING	BY: H. AFTM		
			OFFICE CHECK	BY: J. MORENO, PLS		
			FIELD CHECK	BY: JOHNS & PARTY		
			SCALE: 1" = 20'	W.O. #EF17410S	FILE NO. N/A	
			FILE: EL CAJON SEGMENT D_TOPOGRAPHICMAP_2019.DWG			
MARK	DATE	ITEM	REVISIONS			

SEE SHEET 6



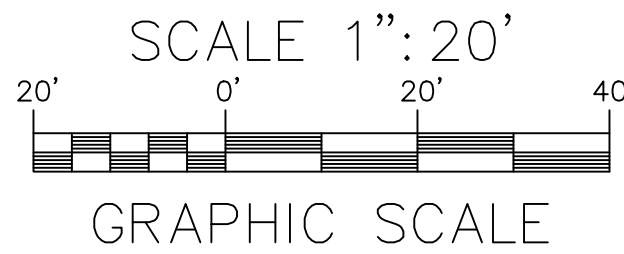
LEGEND

SYMBOL
 Control Box Electrical
 Control Box - Unknown
 Fire Hydrant
 Gate - Single
 Grate Inlet
 Catch Basin
 Light Pole - Concrete/1 Light
 Manhole Electrical
 Manhole Storm Drain
 Manhole Sewer
 Manhole Water
 Manhole Undefined
 Meter Water
 Meter Gas
 Pull Box Electrical
 Post
 Black Flow Prevention Device
 Traffic Signal w/ Light
 Sign Post
 Palm Tree
 Tree
 Sign Board Steel
 Valve Water
 Rolling Gate

SYMBOL
 Vent Pipe
 Yard Light
 Pull Box Traffic
 UTILITY POLE WOOD

LINE PATTERN KEY
 Lip
 Fence Chain Link
 Fence Plastic
 Flowline
 Guard Rail
 Striping
 Retaining Wall - Conc.
 Block Wall
 Hinge Point
 Fence Wrought Iron
 RIGHT OF WAY
 CENTER LINE
 PARCEL LINE

AREA PATTERN KEY
 Concrete
 Dirt



U.S. Survey Foot

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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			OC LOOP - SEGMENT D BIKEWAY				
			TOPOGRAPHIC MAP				
			FROM: BASTANCHURY ROAD				
			TO: SOUTHWEST SIDE OF IMPERIAL HWY, UP TO LA FLORESTA DRIVE				
			DATE OF SURVEY: MAY 7, 2019		BY: JOHNS & PARTY		SHEET NO. 7 of 11
			TOPOGRAPHIC MAPPING		BY: H. AFTM		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: JOHNS & PARTY		
			SCALE: 1" = 20'		W.O. #F17410S		
FILE: EL CAJON SEGMENT D_TOPOGRAPHICMAP_2019.DWG							
MARK	DATE	ITEM	REVISIONS				

SEE SHEET 7

MATCH LINE

LEGEND

SYMBOL

- Control Box Electrical
- Control Box - Unknown
- Fire Hydrant
- Gate - Single
- Grate Inlet
- Catch Basin
- Light Pole - Concrete/1 Light
- Manhole Electrical
- Manhole Storm Drain
- Manhole Sewer
- Manhole Water
- Manhole Undefined
- Meter Water
- Meter Gas
- Pull Box Electrical
- Post
- Black Flow Prevention Device
- Traffic Signal w/ Light
- Sign Post
- Palm Tree
- Tree
- Sign Board Steel
- Valve Water
- Rolling Gate

SYMBOL

- Vent Pipe
- Yard Light
- Pull Box Traffic
- UTILITY POLE WOOD

LINE PATTERN KEY

- Lip
- Fence Chain Link
- Fence Plastic
- Flowline
- Guard Rail
- Striping
- Retaining Wall - Conc.
- Block Wall
- Hinge Point
- Fence Wrought Iron

AREA PATTERN KEY

- Concrete
- Dirt

CALIFORNIA STREET

APN: 336-371-030

APN: 336-371-031

APN: 336-371-032

APN: 336-371-033

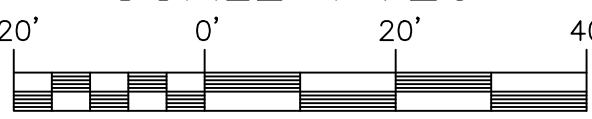
APN: 336-371-034

APN: 336-371-035

GOLDEN AVENUE

APN: 336-291-001

SCALE 1"=20'



GRAPHIC SCALE

U.S. Survey Foot

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

MATCH LINE

SEE SHEET 9

CITY OF PLACENTIA

CITY OF YORBA LINDA

NO SURVEY WITHIN
CHANNEL WALLS

NO SURVEY WITHIN
CHANNEL WALLS

CONCRETE VERTICAL WALL
CARBON CREEK CHANNEL

APN: 334-021-007

APN: 334-021-012

TOPOGRAPHY SHOWN
ARE BELOW BRIDGE
CROSSING

CARBON CREEK CHANNEL CL

AC BIKE PATH

R/W

R/W

R/W

R/W

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			OC LOOP - SEGMENT D BIKEWAY			
			TOPOGRAPHIC MAP			
			FROM: BASTANCHURY ROAD			
			TO: SOUTHWEST SIDE OF IMPERIAL HWY, UP TO LA FLORESTA DRIVE			
			DATE OF SURVEY: MAY 7, 2019	BY: JOHNS & PARTY		SHEET NO. 8 of 11
			TOPOGRAPHIC MAPPING	BY: H. AFTIM		
			OFFICE CHECK	BY: J. MORENO, PLS		
			FIELD CHECK	BY: JOHNS & PARTY		
			SCALE: 1" = 20'	W.O. #EF174105	FILE NO. N/A	
MARK	DATE	ITEM	FILE: EL CAJON SEGMENT D_TOPOGRAPHICMAP_2019.DWG			
REVISIONS						

SEE SHEET 8

LEGEND

SYMBOL

- Control Box Electrical
- Control Box - Unknown
- Fire Hydrant
- Gate - Single
- Grate Inlet
- Catch Basin
- Light Pole - Concrete/1 Light
- Manhole Electrical
- Manhole Storm Drain
- Manhole Sewer
- Manhole Water
- Manhole Undefined
- Meter Water
- Meter Gas
- Pull Box Electrical
- Post
- Black Flow Prevention Device
- Traffic Signal w/ Light
- Sign Post
- Palm Tree
- Tree
- Sign Board Steel
- Valve Water
- Rolling Gate

SYMBOL

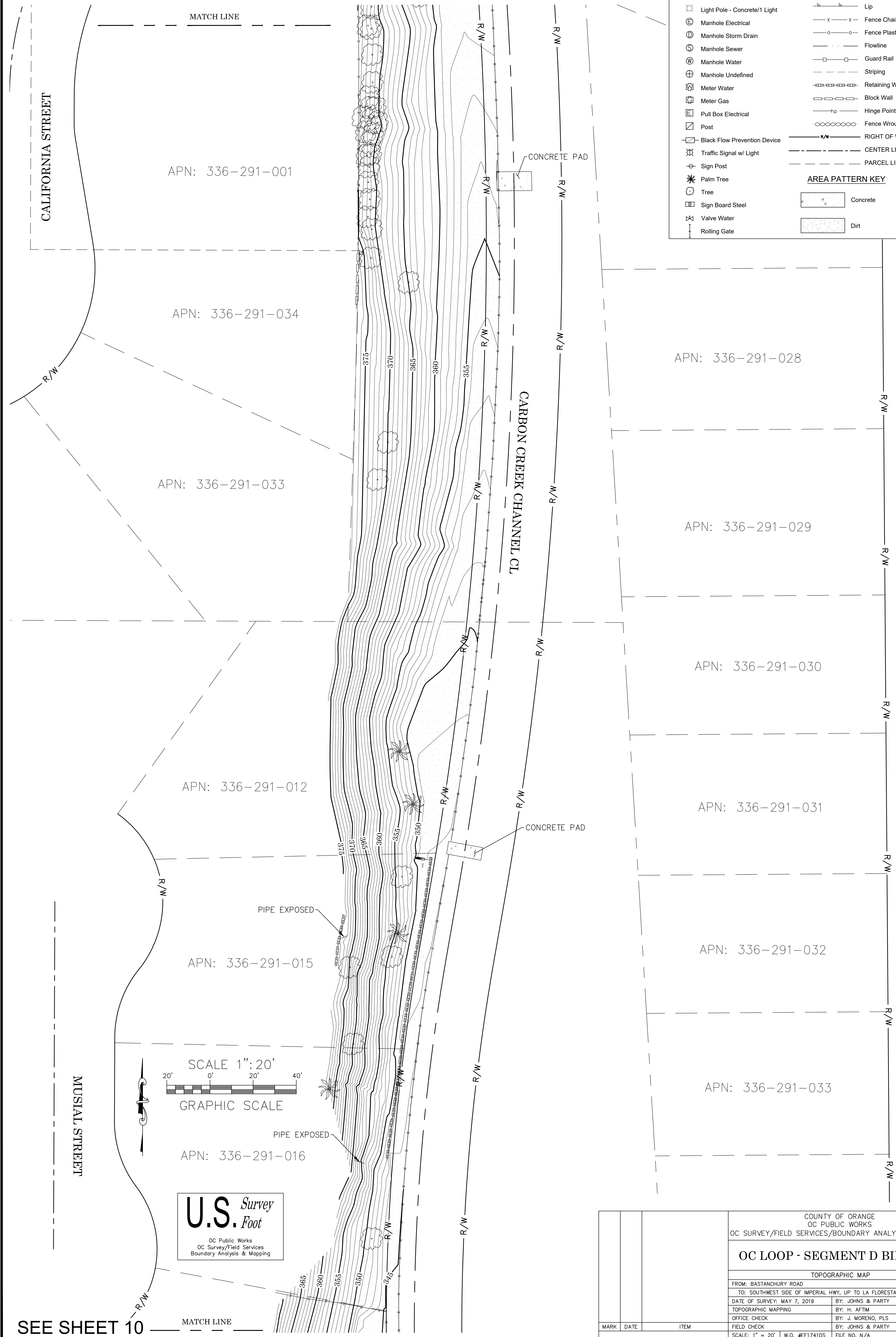
- Vent Pipe
- Yard Light
- Pull Box Traffic
- UTILITY POLE WOOD

LINE PATTERN KEY

- Lip
- Fence Chain Link
- Fence Plastic
- Flowline
- Guard Rail
- Striping
- Retaining Wall - Conc.
- Block Wall
- Hinge Point
- Fence Wrought Iron
- RIGHT OF WAY
- CENTER LINE
- PARCEL LINE

AREA PATTERN KEY

- Concrete
- Dirt



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

MARK			DATE	ITEM
REVISIONS				
COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
OC LOOP - SEGMENT D BIKEWAY				
TOPOGRAPHIC MAP				
FROM: BASTANCHURY ROAD				
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DATE OF SURVEY: MAY 7, 2019			BY: JOHNS & PARTY	
TOPOGRAPHIC MAPPING			BY: H. AFTIM	
OFFICE CHECK			BY: J. MORENO, PLS	
FIELD CHECK			BY: JOHNS & PARTY	
SCALE: 1" = 20' W.O. #EF174105			FILE NO. N/A	
FILE: EL CAJON SEGMENT D_TOPOGRAPHICMAP_2019.DWG				
				SHEET NO.
				9 of 11

SEE SHEET 9

MATCH LINE

APN: 336-291-017

APN'S
336-291-014
336-291-013

APN: 336-081-004

APN: 336-081-005

APN: 336-081-006

APN: 336-081-007

APN: 336-081-008

APN: 336-081-009

APN: 336-081-010

APN: 336-081-011

EARNSHAW DRIVE

CARBON CREEK CHANNEL CT

CITY OF PLACENTIA

CITY OF YORBA LINDA

RANCHO LINE

MATCH LINE

LEGEND

SYMBOL

- Control Box Electrical
- Control Box - Unknown
- Fire Hydrant
- Gate - Single
- Grate Inlet
- Catch Basin
- Light Pole - Concrete/1 Light
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- Manhole Storm Drain
- Manhole Sewer
- Manhole Water
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AREA PATTERN KEY

- Concrete
- Dirt

U.S. Survey Foot
OC Public Works
OC Survey/Field Services
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SCALE 1" = 20'
GRAPHIC SCALE

SEE SHEET 11

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
OC LOOP - SEGMENT D BIKEWAY	
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FROM: BASTANCHURY ROAD	
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SCALE: 1" = 20' W.O. #EF174105	FILE NO. N/A
FILE: EL CAJON SEGMENT D_TOPOGRAPHICMAP_2019.DWG	

MARK	DATE	ITEM
REVISIONS		

SHEET NO.
10 of 11

