



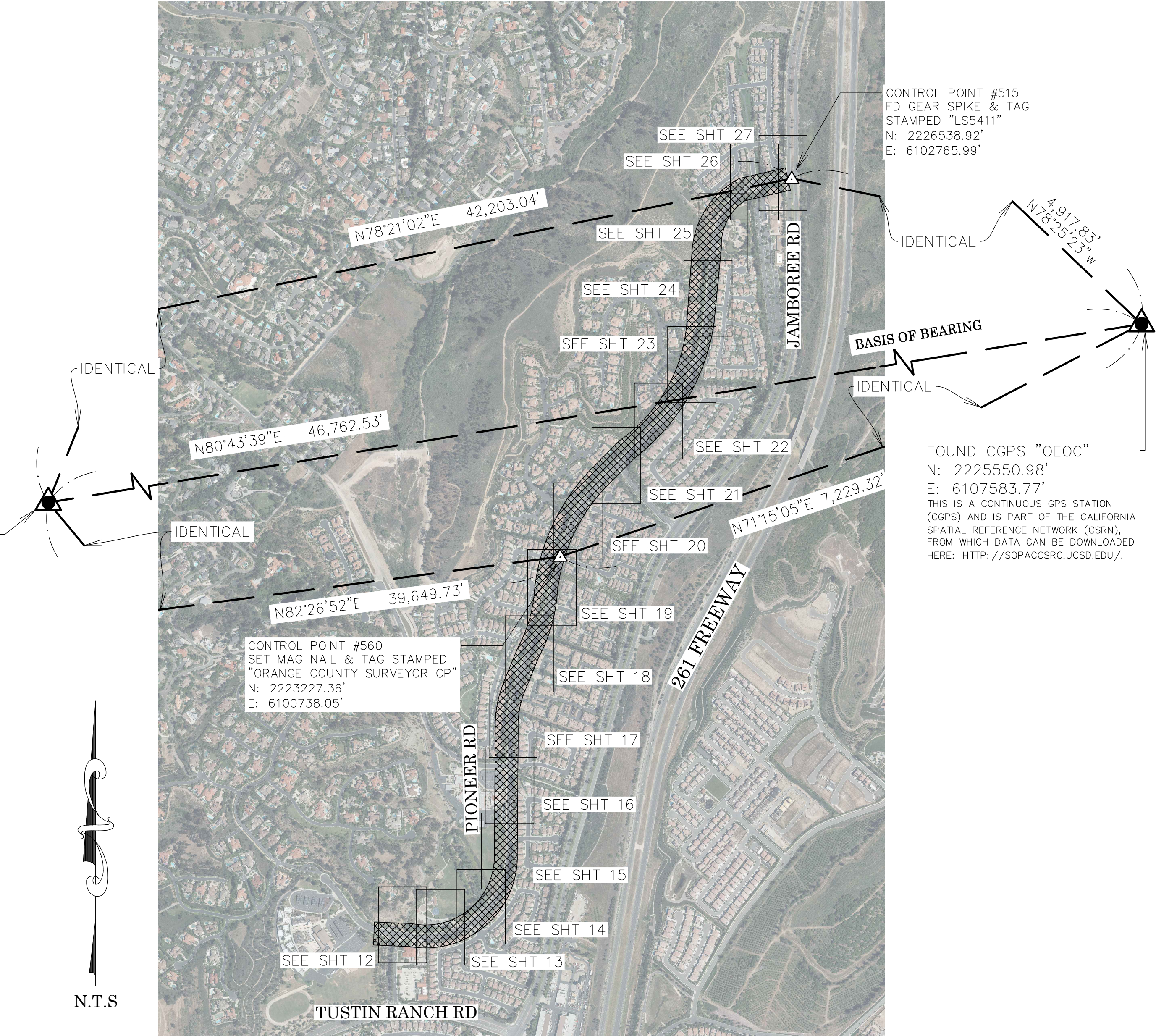
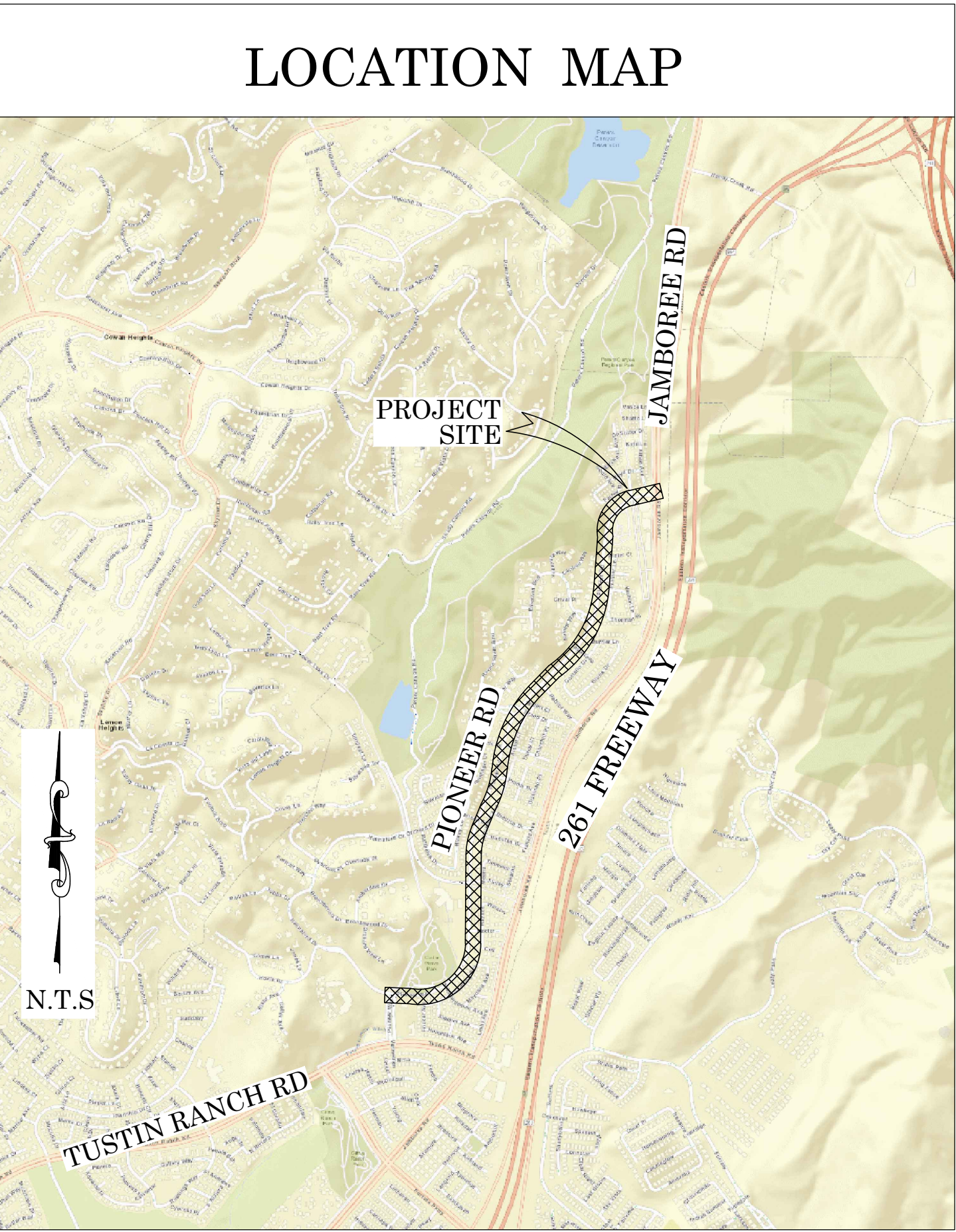
OC PUBLIC WORKS DEPARTMENT

JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS

KEVIN HILLS, COUNTY SURVEYOR

PETERS CANYON OC LOOP BIKEWAY PROJECT PART 2

ON PIONEER RD FROM PIONEER WAY TO JAMBOREE RD



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 (SACY) BEING NORTH 80°43'39" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

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 1.00002974.

THIS COMBINATION FACTOR WAS DERIVED AT CONTROL PT #560
N: 2223227.36' E: 6100738.05' EL: 345.27'

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

VERTICAL DATUM

O.C.S. BM. 3G-33-91 ELEV. = 501.338' YEAR LEVELED: 1991

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

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3G-33-91", SET IN THE NORTHEASTERLY CORNER OF A 4 FT. BY 10 FT. CONCRETE CATCH BASIN. MONUMENT IS LOCATED IN THE NORTHWESTERLY CORNER OF THE INTERSECTION OF JAMBOREE ROAD AND PIONEER ROAD, 180 FT. NORTHERLY OF THE CENTERLINE OF PIONEER ROAD, 50 FT. WESTERLY OF THE CENTERLINE OF JAMBOREE ROAD. MONUMENT IS SET LEVEL WITH THE SIDEWALK.

NOTES

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

PARCELS SHOWN WITHOUT BEARING AND DISTANCES ARE FOR GRAPHICAL PURPOSES.

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

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET 1	1	TITLE SHEET
SHEET 2-11	2-11	BOUNDARY MAP
SHEET 12-27	12-27	TOPOGRAPHIC MAP

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP FOR THIS PORTION OF THE PIONEER ROAD.

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 1ST DAY OF SEPTEMBER, 2021.

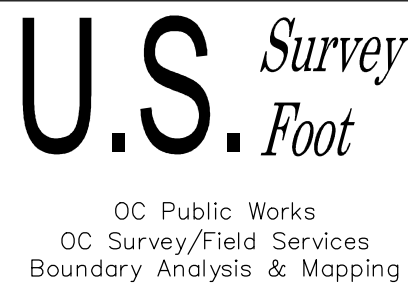
JESOM MORENO, PLS. SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 1ST DAY OF SEPTEMBER, 2021.

WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
PETERS CANYON OC LOOP BIKEWAY - PART 2			
TITLE SHEET			
PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD			
INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	
MAPPING		BY: A. VU	
OFFICE CHECK		BY: J. MORENO, PLS.	
FIELD CHECK		BY: J. JOHNS	
SCALE: N.T.S.		W.O. #E018420	FILE #1920PW-PM0002
REVISIONS		FILE: PETERS CANYON BIKEWAY PT2_TPO.2020.DWG	
MARK	DATE	ITEM	
			SHEET NO. 1 of 27

ESTABLISHMENT NOTES

- (A) ESTABLISHED THE CENTERLINE OF PIONEER WAY HOLDING RECORD COURSES PER (R1) BETWEEN MONUMENTS [1] & [4].
- (B) ESTABLISHED THE CENTERLINE OF PIONEER RD. HOLDING RECORD COURSES AND TANGENCY PER (R1) THROUGH MONUMENTS [4], [9] AND [10].
- (C) ESTABLISHED THE CENTERLINE OF PIONEER RD. HOLDING A LINE BETWEEN MONUMENTS [10] & [12], AND TANGENT TO ESTABLISHMENT NOTE (B) PER (R1).
- (D) ESTABLISHED THE CENTERLINE OF PIONEER RD. HOLDING A LINE BETWEEN MONUMENTS [14] & [15] PER (R1).
- (E) ESTABLISHED THE CENTERLINE OF PIONEER RD. HOLDING RECORD RADIUS PER (R1) & TANGENT TO LINE ESTABLISHMENTS (C) & (D).
- (F) ESTABLISHED THE CENTERLINE OF PIONEER RD. BY HOLDING RECORD RADI AND TANGENCY PER (R1) BETWEEN MONUMENTS [15] & [23].
- (G) ESTABLISHED THE CENTERLINE OF PIONEER RD. HOLDING RECORD RADIUS PER (R1) & TANGENCY BETWEEN ESTABLISHMENT NOTES (F) AND (H).
- (H) ESTABLISHED THE CENTERLINE OF PIONEER RD. BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENTS [28] & [31].
- (I) ESTABLISHED THE W'LY RIGHT OF WAY OF PIONEER WAY HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 55' PER (R1) FROM LINE ESTABLISHMENT (A).
- (J) ESTABLISHED THE E'LY RIGHT OF WAY OF PIONEER WAY HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 55' PER (R1) FROM LINE ESTABLISHMENT (A).
- (K) ESTABLISHED THE SW'LY RIGHT OF WAY OF THE INTERSECTION OF PIONEER WAY AND PIONEER RD. HOLDING RECORD ANGLES AND DISTANCES PER (R1) SE'LY FROM MONUMENT [5] AND INTERSECTING LINE ESTABLISHMENT (D).
- (L) ESTABLISHED ANGLE POINT ON THE E'LY RIGHT OF WAY OF PIONEER WAY HOLDING A RECORD DISTANCE PER (R1) FROM THE EC OF LINE ESTABLISHMENT (D).
- (M) ESTABLISHED THE S'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) S'LY OF LINE ESTABLISHMENT (B).
- (N) ESTABLISHED ANGLE POINT ON THE S'LY RIGHT OF WAY OF PIONEER RD. HOLDING A RECORD DISTANCE PER (R1) FROM THE BC OF LINE ESTABLISHMENT (B).
- (O) ESTABLISHED THE SE'LY RIGHT OF WAY OF THE INTERSECTION OF PIONEER WAY AND PIONEER RD. HOLDING ESTABLISHMENT NOTES (I) AND (N).
- (P) ESTABLISHED THE N'LY RIGHT OF WAY OF PIONEER RD. HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) FROM LINE ESTABLISHMENT (B).
- (Q) ESTABLISHED THE CENTERLINE OF SCHWENDEMAN AVE. HOLDING A LINE RADIAL TO AND SE'LY FROM MONUMENT [8] AND RECORD DISTANCE PER (R4) FROM ESTABLISHMENT NOTE (B).
- (R) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R4) FROM ESTABLISHMENT NOTE (N).
- (S) ESTABLISHED THE W'LY RIGHT OF WAY OF PIONEER RD. HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) FROM LINE ESTABLISHMENT (C).
- (T) ESTABLISHED THE E'LY RIGHT OF WAY OF PIONEER RD. HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) FROM LINE ESTABLISHMENT (C).
- (U) S.F.N. ESTABLISHED THE INTERSECTION OF BAXTER AND PIONEER RD. BY PRORATION PER (R5) BETWEEN MONUMENT [10] AND ESTABLISHMENT NOTE (B).
- (V) ESTABLISHED THE CENTERLINE OF BAXTER HOLDING RECORD ANGLE AND DISTANCE PER (R5) AT ESTABLISHMENT (C) FROM ESTABLISHMENT (U).
- (W) ESTABLISHED THE E'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R18) FROM ESTABLISHMENT NOTE (U).
- (X) ESTABLISHED THE CENTERLINE OF PETERS CANYON RD. AND FINLEY HOLDING RECORD ANGLE AND DISTANCE PER (R1) & (R17) AT MONUMENT [11] FROM ESTABLISHMENT NOTE (C).
- (Y) ESTABLISHED THE S'LY RIGHT OF WAY OF PETERS CANYON RD. HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 30' PER (R1) FROM LINE ESTABLISHMENT (X).
- (Z) ESTABLISHED THE N'LY RIGHT OF WAY OF PETERS CANYON RD. HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 30' PER (R1) FROM LINE ESTABLISHMENT (X).
- (AP) ESTABLISHED THE CHAMFERED RIGHT OF WAY CORNERS AT THE SW CORNER OF PETERS CANYON RD. AND PIONEER RD. BY HOLDING RECORD DISTANCE AND ANGLE TO ESTABLISHMENT NOTE (S) FROM ESTABLISHMENT NOTE (Y) PER (R1).
- (AB) ESTABLISHED THE CHAMFERED RIGHT OF WAY CORNERS AT THE NW CORNER OF PETERS CANYON RD. AND PIONEER RD. BY HOLDING RECORD DISTANCE AND ANGLE TO ESTABLISHMENT NOTE (S) FROM ESTABLISHMENT NOTE (Z) PER (R1).
- (AC) ESTABLISHED THE NW'LY AND SW'LY RIGHT OF WAY OF PETERS CANYON RD. AND PIONEER RD. BY HOLDING LINE BETWEEN CORNERS FROM ESTABLISHMENT NOTE (AA) AND (AB) PER (R1).
- (AD) ESTABLISHED THE E'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSE PER (R5), (R16), AND (R17) FROM THE INTERSECTION OF PETERS CANYON RD., FINLEY, AND PIONEER RD.
- (AE) ESTABLISHED THE NW'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) NW'LY OF LINE ESTABLISHMENT (C).
- (AF) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) SE'LY OF LINE ESTABLISHMENT (C).
- (AG) ESTABLISHED THE NW'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R14) FROM MONUMENT [14].
- (AH) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R18) FROM MONUMENT [14].
- (AI) ESTABLISHED THE NW'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) NW'LY OF LINE ESTABLISHMENT (C).
- (AJ) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) SE'LY OF LINE ESTABLISHMENT (C).
- (AK) ESTABLISHED THE NW'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) NW'LY OF LINE ESTABLISHMENT (C).
- (AL) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) SE'LY LINE ESTABLISHMENT (C).
- (AM) ESTABLISHED THE INTERSECTION OF PLUMB DR. AND PIONEER DR. BY INTERSECTION BETWEEN ESTABLISHMENT NOTE (C) & A RADIAL LINE FROM MONUMENT [16] PER (R7).
- (AN) ESTABLISHED THE CENTERLINE OF PLUMB DR. HOLDING RECORD DISTANCE, AND RECORD ANGLE BETWEEN THE RADIAL AND PLUMB DR. PER (R7) AT ESTABLISHMENT NOTE (AM).
- (AO) S.F.N. ESTABLISHED THE CENTERLINE EC OF PIONEER RD BY HOLDING RECORD RADIUS AND TANGENT TO ESTABLISHMENT NOTE (F) PER (R1).
- (AP) ESTABLISHED ANGLE POINT ON SE'LY RIGHT OF WAY OF PIONEER BY PRORATION BETWEEN MONUMENT [15] AND ESTABLISHMENT NOTE (AM) PER (R7).
- (AQ) ESTABLISHED ANGLE POINT ON SE'LY RIGHT OF WAY OF PIONEER BY PRORATION BETWEEN ESTABLISHMENT NOTES (AM) & (AO) PER (R7).
- (AR) ESTABLISHED SE'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R7) BETWEEN ESTABLISHMENT NOTES (AO) & (AM).
- (AS) S.F.N. ESTABLISHED THE CENTERLINE BC OF PIONEER RD BY HOLDING RECORD RADIUS AND TANGENT TO ESTABLISHMENT NOTE (F) PER (R1).
- (AT) ESTABLISHED THE CENTERLINE OF DAVIS DR. HOLDING RECORD COURSE PER (R8) SE'LY OF MONUMENT [17].
- (AU) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R8) FROM ESTABLISHMENT NOTE (AO).
- (AV) ESTABLISHED ANGLE POINT ON NW'LY RIGHT OF WAY OF PIONEER RD. BY PRORATION BETWEEN MONUMENTS [18] & [21] PER (R19).
- (AW) ESTABLISHED THE NW'LY RIGHT OF WAY OF PIONEER RD HOLDING RECORD COURSES PER (R19) FROM ESTABLISHMENT NOTE (AU).
- (AX) ESTABLISHED THE CENTERLINE OF BRAND DR. HOLDING A LINE BETWEEN MONUMENTS [18] & [19].
- (AY) ESTABLISHED THE CENTERLINE OF BRAD DR. HOLDING RECORD CURVATURE INFORMATION PER (R8) BETWEEN MONUMENTS [19] & [20].

- (AZ) ESTABLISHED ANGLE POINT ON SE'LY RIGHT OF WAY OF PIONEER RD. BY PRORATION BETWEEN MONUMENTS [18] & [21] PER (R8).
- (BA) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES FROM MONUMENT (A).
- (BB) ESTABLISHED THE CENTERLINE OF CASTENEDA HOLDING A LINE RADIAL TO ESTABLISHMENT NOTE (C) FROM MONUMENT [21] PER (R9).
- (BC) ESTABLISHED THE NW'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) NW'LY OF LINE ESTABLISHMENT (C).
- (BD) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) SE'LY OF LINE ESTABLISHMENT (C).
- (BE) ESTABLISHED ANGLE POINT ON NW'LY RIGHT OF WAY OF PIONEER RD BY PRORATION BETWEEN MONUMENTS [23] & [24] THROUGH ESTABLISHMENT NOTE (C) PER (R19).
- (BF) ESTABLISHED NW'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R19) FROM ESTABLISHMENT NOTE (BE).
- (BG) ESTABLISHED THE NW'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) NW'LY OF LINE ESTABLISHMENT (C).
- (BH) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. COCENTRIC, PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) SE'LY OF LINE ESTABLISHMENT (C).
- (BI) ESTABLISHED THE CENTERLINE OF CARSON LINE HOLDING A LINE BETWEEN MONUMENTS [27] & [28]. FITS RECORD ANGLE PER (R11).
- (BJ) ESTABLISHED THE SE'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R11) FROM MONUMENT [27].
- (BK) S.F.N. ESTABLISHED CENTERLINE BC OF PIONEER RD. HOLDING RECORD RADIUS AND TANGENT TO ESTABLISHMENT NOTE (B) PER (R1).
- (BL) ESTABLISHED ANGLE POINT ON NW'LY RIGHT OF WAY OF PIONEER RD BY PRORATION BETWEEN ESTABLISHMENT NOTE (BK) AND ESTABLISHED EC THROUGH ESTABLISHMENT NOTE (H) PER (R15).
- (BM) ESTABLISHED THE NW'LY RIGHT OF WAY OF PIONEER RD. HOLDING RECORD COURSES PER (R15) FROM ESTABLISHMENT NOTE (B).
- (BN) ESTABLISHED CHAMFERED RIGHT OF WAY CORNERS AT THE NW CORNER OF PIONEER RD AND JAMBOREE RD. BY HOLDING RECORD DISTANCE AND ANGLE TO THE W'LY RIGHT OF WAY LINE OF JAMBOREE RD FROM ESTABLISHMENT NOTE (B) PER (R1).
- (BO) ESTABLISHED THE RIGHT OF WAY OF THE NW'LY INTERSECTION OF JAMBOREE RD. AND PIONEER RD. HOLDING LINE BETWEEN CORNERS ESTABLISHED BY ESTABLISHMENT NOTE (BA) PER (R1).
- (BP) ESTABLISHED CHAMFERED RIGHT OF WAY CORNERS AT THE SW CORNER OF PIONEER RD. AND JAMBOREE RD. BY HOLDING RECORD DISTANCE AND ANGLE TO THE W'LY RIGHT OF WAY LINE OF JAMBOREE RD. FROM ESTABLISHMENT NOTE (BA) PER (R1).
- (BQ) ESTABLISHED THE RIGHT OF WAY OF THE SW'LY INTERSECTION OF JAMBOREE RD. AND PIONEER RD. HOLDING LINE BETWEEN CORNERS ESTABLISHED BY ESTABLISHMENT NOTE (BA) PER (R1).
- (BR) ESTABLISHED THE CENTERLINE OF PATRIOT WAY HOLDING RECORD ANGLE AND DISTANCE PER (R1) FROM ESTABLISHMENT LINE (C) AT MONUMENT [22].
- (BS) ESTABLISHED THE SW'LY RIGHT OF WAY OF PATRIOT WAY HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) FROM LINE ESTABLISHMENT (B).
- (BT) ESTABLISHED THE NE'LY RIGHT OF WAY OF PATRIOT WAY HOLDING A LINE PARALLEL WITH, & A RECORD DISTANCE OF 35' PER (R1) FROM LINE ESTABLISHMENT (B).
- (BU) ESTABLISHED ANGLE POINT ON SE'LY RIGHT OF WAY OF PIONEER RD. BY PRORATION BETWEEN MONUMENTS [21] & [22] PER (R1).
- (BV) ESTABLISHED THE S'LY RIGHT OF WAY OF THE INTERSECTION OF PATRIOT WAY & PIONEER RD. HOLDING A RECORD ANGLE AND DISTANCE PER (R1) FROM ESTABLISHMENT NOTE (B).
- (BW) ESTABLISHED ANGLE POINT ON SE'LY RIGHT OF WAY OF PIONEER RD. BY PRORATION BETWEEN MONUMENT [22] THE CENTERLINE BC OF ESTABLISHMENT LINE (C) PER (R1).
- (BX) ESTABLISHED THE N'LY RIGHT OF WAY OF THE INTERSECTION OF PATRIOT WAY & PIONEER RD. HOLDING A RECORD ANGLE AND DISTANCE PER (R1) FROM ESTABLISHMENT NOTE (B).
- (BY) ESTABLISHED THE INTERSECTION OF PIONEER RD. AND PETERS CANYON RD. BY INTERSECTION BETWEEN ESTABLISHMENT NOTES (C) AND (X) PER (R1).

REFERENCES

- (R1) = TRACT NO. 13627, M.M. 644/1–20
(R2) = CORNER RECORD, C.R. 2012–0156
(R3) = TRACT NO. 15563, M.M. 772/33–40
(R4) = TRACT NO. 15568, M.M. 769/25–31
(R5) = TRACT NO. 14366, M.M. 699/14–19
(R6) = CORNER RECORD, C.R. 2017–0694
(R7) = TRACT NO. 14567, M.M. 689/37–40
(R8) = TRACT NO. 14381, M.M. 689/41–45
(R9) = TRACT NO. 14295, M.M. 687/38–43
(R10) = CORNER RECORD, C.R. 2017–0716
(R11) = TRACT NO. 15292, M.M. 737/18–21
(R12) = CORNER RECORD, C.R. 2010–2453
(R13) = CORNER RECORD, C.R. 2010–2454
(R14) = TRACT NO. 14410, M.M. 736/3–15
(R15) = TRACT NO. 15428, M.M. 750/23–27
(R16) = LOT LINE ADJUSTMENT 93–2, L.L.A. 199300277793, O.R.
(R17) = TRACT NO. 14576, M.M. 692/30–34
(R18) = TRACT NO. 14499, M.M. 691/14–19
(R19) = TRACT NO. 15681, M.M. 788/6–16

MONUMENT NOTES

- [1] FOUND 2 1/4" BRASS DISK STAMPED "LS 5780" PER (R2), DN. 0.75' IN WELL MONUMENT, ACCEPTED AS THE CENTERLINE INTERSECTION OF TUSTIN RANCH RD. & PIONEER WAY.
- [2] FOUND LEAD TACK & 3/4" TAG STAMPED "LS 5780" PER (R1), FLUSH IN CONCRETE CURB FACE, S59°19'41"W 0.06' FROM THE CENTERLINE BC OF PIONEER WAY.
- [3] FOUND 2" IP W/ 3/4" ILLEGIBLE TAG PER (R1), DOWN 1.3' IN DIRT, S32°36'51"W 0.03' FROM THE CENTERLINE EC OF PIONEER WAY.
- [4] FOUND GEAR SPIKE & 1 1/4" TAG STAMPED "LS 5780" PER (R1), FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF PIONEER WAY & PIONEER RD.
- [5] FOUND 2" IP & 3/4" TAG STAMPED "RCE 28946" PER (R3), DN. 0.1' IN DIRT, N48°11'56"E 0.13' FROM AN ANGLE POINT ON THE S'LY RIGHT OF WAY OF PIONEER RD.
- [6] FOUND 1" IP W/ PLASTIC CAP STAMPED "LS 5780" PER (R1), DN. 0.6' IN DIRT, S53°12'45"W 0.07' FROM AN ANGLE POINT ON THE E'LY RIGHT OF WAY OF PIONEER WAY.
- [7] FOUND 1" IP W/ PLASTIC CAP ILLEGIBLE PER (R1), FLUSH IN DIRT, N44°11'09"W 0.08' FROM AN ANGLE POINT ON THE S'LY RIGHT OF WAY OF PIONEER RD.
- [8] FOUND GEAR SPIKE & TAG STAMPED "RCE 23956" PER (R4), FLUSH IN AC, RADIAL TO PIONEER RD., ACCEPTED AS A POINT ON THE CENTERLINE OF SCHWENDEMAN AVE. S34°59'20"E 0.03' FROM THE INTERSECTION OF PIONEER RD. & SCHWENDEMAN AVE.
- [9] FOUND BOAT SPIKE & 1 1/2" WASHER STAMPED "RCE 24701" PER (R5), DN. 0.05' IN AC, ACCEPTED AS THE INTERSECTION OF PIONEER RD. & NW'LY PROLONGATION OF SW'LY LINE OF TRACT 14366.
- [10] FOUND GEAR SPIKE & 1 1/4" TAG STAMPED "LS 5780" PER (R1), DN. 0.05' IN AC, ACCEPTED AS THE CENTERLINE EC OF PIONEER RD.
- [11] FOUND SPIKE SHANK IN LIEU OF SPIKE & WASHER STAMPED "LS 5780" PER (R1), FLUSH IN AC, S89°21'03"E 0.04' FROM THE CENTERLINE INTERSECTION BETWEEN PETERS CANYON RD. & PIONEER RD.
- [12] FOUND SPIKE & 1 1/2" WASHER STAMPED "LS 5780" PER (R1), DN. 0.05' IN AC, ACCEPTED AS BEING ON THE N'LY PROLONGATION AND TANGENT TO THE CENTERLINE OF PIONEER RD., N00°38'57"E 0.12' FROM THE ESTABLISHED CENTERLINE BC OF PIONEER RD.
- [13] FOUND SPIKE & 1 1/4" TAG STAMPED "PLS 7914" PER (R6), FLUSH IN AC, 0.04' N68°15'58"W FROM THE CENTERLINE OF PIONEER RD.
- [14] FOUND GEAR SPIKE & 1 1/4" TAG STAMPED "LS 5780" PER (R1), DN. 0.05' IN AC, ACCEPTED AS BEING A POINT ON CENTERLINE OF PIONEER RD., N23°16'59"E 0.10' FROM THE ESTABLISHED CENTERLINE EC OF PIONEER RD. PER ESTABLISHMENT NOTE (E).
- [15] FOUND SPIKE & 1 1/2" WASHER STAMPED "LS 5780" PER (R1), DN. 0.05' IN AC, ACCEPTED AS THE CENTERLINE BC OF PIONEER RD.
- [16] FOUND SPIKE SHANK IN LIEU OF SPIKE & WASHER STAMPED "RCE 21687" PER (R7), DN. 0.1' IN AC, ACCEPTED AS A POINT ON PLUMB DR., S69°55'21"E 0.03' FROM THE CENTERLINE INTERSECTION OF PIONEER RD. AND PLUMB DR.
- [17] FOUND SPIKE SHANK IN LIEU OF SPIKE & WASHER STAMPED "RCE 21687" PER (R8), DN. 0.1' IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION BETWEEN DAVIS DR. & PIONEER RD.
- [18] FOUND GEAR SPIKE & 1 1/4" TAG STAMPED "RCE 2__87" PER (R8), FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF BRAND DR. & PIONEER RD.
- [19] FOUND GEAR SPIKE & 1 1/2" WASHER STAMPED "RCE 21687" PER (R8), DN. 0.15' IN AC, ACCEPTED AS THE CENTERLINE BC OF BRAND DR.
- [20] FOUND GEAR SPIKE & 1 1/2" WASHER STAMPED "RCE 21687" PER (R8), DN. 0.15' IN AC, ACCEPTED AS THE CENTERLINE EC OF BRAND DR.
- [21] FOUND GEAR SPIKE & 1 1/4" WASHER STAMPED "LS 5780" PER (R1), DN. 0.05' IN AC, ACCEPTED AS THE CENTERLINE EC OF PIONEER RD.
- [22] FOUND GEAR SPIKE & 1 1/4" WASHER STAMPED "LS 578__" PER (R1), FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF PATRIOT WAY & PIONEER RD.
- [23] FOUND GEAR SPIKE & 1 1/4" WASHER STAMPED "LS 5780" PER (R1), DN. 0.05' IN AC, ACCEPTED AS BEING ON THE NE'LY PROLONGATION AND TANGENT TO THE CENTERLINE OF PIONEER RD., N45°05'02"E 0.14' FROM THE ESTABLISHED CENTERLINE BC OF PIONEER RD. PER ESTABLISHMENT NOTE (C).
- [24] FOUND GEAR SPIKE & 1 1/4" WASHER STAMPED "LS 5780" PER (R9), DN. 0.05' IN AC, ACCEPTED AS POINT ON THE CENTERLINE OF CASTENEDA.
- [25] FOUND GEAR SPIKE & 1 1/4" WASHER STAMPED "LS 66_4" PER (R10), DN. 0.05' IN AC, S69°21'41"E 0.06' FROM THE CENTERLINE OF PIONEER RD.
- [26] FOUND GEAR SPIKE & 1 1/4" WASHER STAMPED "LS 5780" PER (R1), FLUSH IN AC, ACCEPTED AS BEING A POINT ON THE CENTERLINE OF PIONEER RD., N06°25'32"E 0.33' FROM THE ESTABLISHED CENTERLINE EC OF PIONEER RD. PER ESTABLISHMENT NOTE (C).
- [27] FOUND SPIKE & 1 1/4" TAG STAMPED "RCE 28946" PER (R11), FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF CARSON DR. & PIONEER RD.
- [28] FOUND BOAT SPIKE & 1 1/2" WASHER STAMPED "RCE __946" PER (R11), FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF CARSON DR.
- [29] FOUND SPIKE & 1 1/4" TAG STAMPED "RCE 28846" PER (R15), FLUSH IN AC, N24°29'23"W 0.04' FROM THE CENTERLINE INTERSECTION OF HEWES DR. AND PIONEER RD. PER (R15).
- [30] FOUND GEAR SPIKE & 1 1/2" WASHER W/ ILLEGIBLE STAMP PER (R12), S15°26'47"W 0.08' FROM THE ESTABLISHED CENTERLINE EC OF PIONEER RD. PER ESTABLISHMENT NOTE (H).
- [31] FOUND GEAR SPIKE & 1 1/2" TAG STAMPED "LS 5411" PER (R13), ACCEPTED AS THE CENTERLINE INTERSECTION OF JAMBOREE RD. & PIONEER RD. PER (R1).

U.S. Survey Foot

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

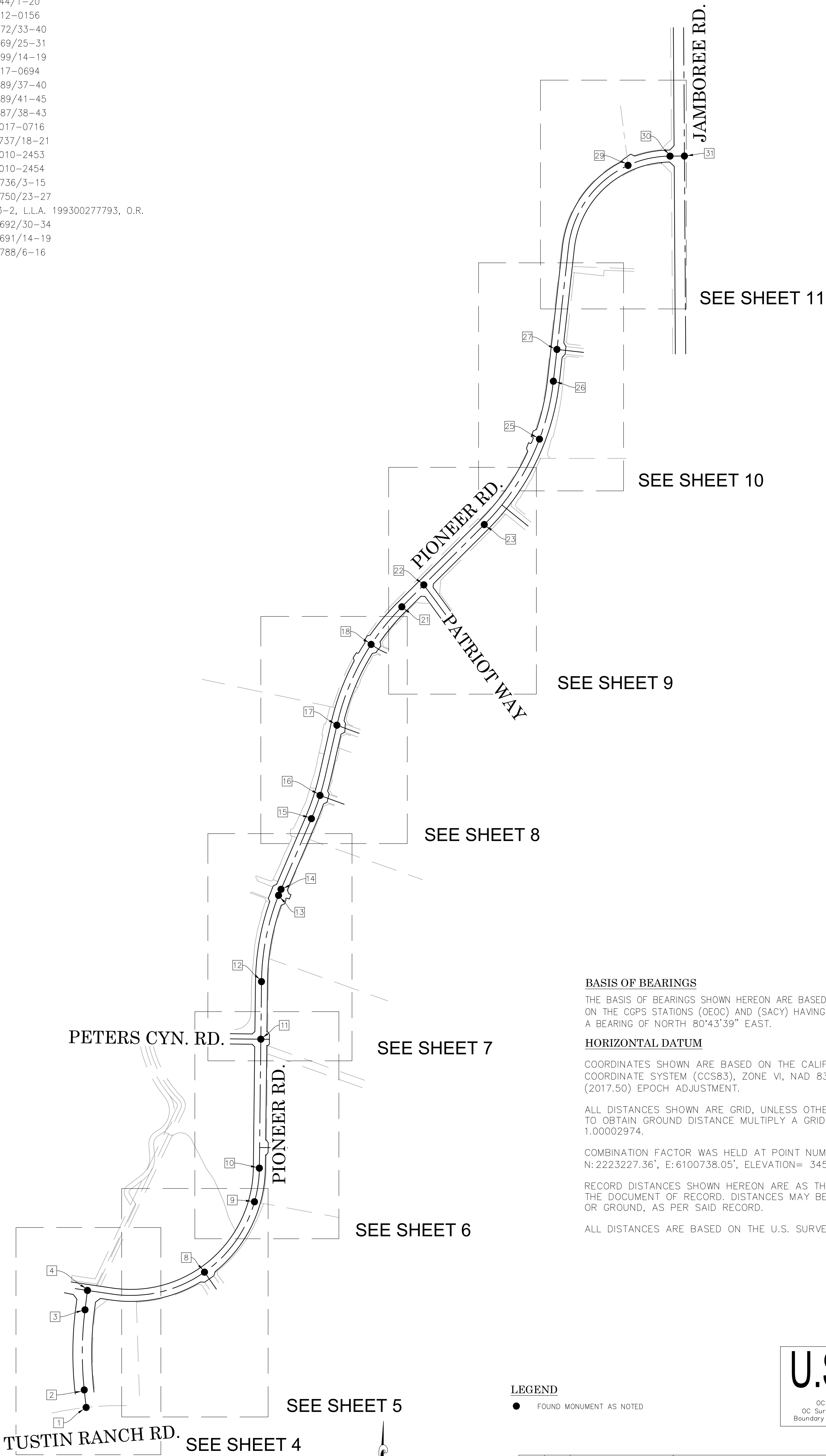
			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			PETERS CANYON OC LOOP BIKEWAY - PART 2		
			BOUNDARY MAP		
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD		
			INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION		
			DATE OF SURVEY: 5/29/2020	BY: J. JOHNS & CREW	SHEET NO. 2 of 27
			MAPPING	BY: A. VU	
			OFFICE CHECK	BY: J. MORENO, PLS	
			FIELD CHECK	BY: J. JOHNS	
MARK	DATE	ITEM	SCALE: -	W.O. #E018420	FILE #1920PW-PM0002
		REVISIONS	FILE: PETERS CYN BIKEWAY PT2_BOUNDARY_2020.DWG		

NOTES

RIGHT OF WAY AND CENTER LINES SHOWN IN BOLD ESTABLISHED BY SURVEY. GRAY LINES ARE FOR GRAPHICAL PURPOSES ONLY.

REFERENCES

- (R1) = TRACT NO. 13627, M.M. 644/1-20
(R2) = CORNER RECORD, C.R. 2012-0156
(R3) = TRACT NO. 15563, M.M. 772/33-40
(R4) = TRACT NO. 15568, M.M. 769/25-31
(R5) = TRACT NO. 14366, M.M. 699/14-19
(R6) = CORNER RECORD, C.R. 2017-0694
(R7) = TRACT NO. 14567, M.M. 689/37-40
(R8) = TRACT NO. 14381, M.M. 689/41-45
(R9) = TRACT NO. 14295, M.M. 687/38-43
(R10) = CORNER RECORD, C.R. 2017-0716
(R11) = TRACT NO. 15292, M.M. 737/18-21
(R12) = CORNER RECORD, C.R. 2010-2453
(R13) = CORNER RECORD, C.R. 2010-2454
(R14) = TRACT NO. 14410, M.M. 736/3-15
(R15) = TRACT NO. 15428, M.M. 750/23-27
(R16) = LOT LINE ADJUSTMENT 93-2, L.L.A. 199300277793, O.R.
(R17) = TRACT NO. 14576, M.M. 692/30-34
(R18) = TRACT NO. 14499, M.M. 691/14-19
(R19) = TRACT NO. 15681, M.M. 788/6-16



BASIS OF BEARINGS

THE BASIS OF BEARINGS SHOWN HEREON ARE BASED ON THE CGPS STATIONS (OEOC) AND (SACY) HAVING A BEARING OF NORTH 80°43'39" 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 1.00002974.

COMBINATION FACTOR WAS HELD AT POINT NUMBER 560
N: 2223227.36', E: 6100738.05', ELEVATION= 345.27'

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.

LEGEND

- FOUND MONUMENT AS NOTED

U.S. Survey Foot

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

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			BOUNDARY MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD			
			INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
			DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 3 of 27
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. JOHNS	
MARK	DATE	ITEM	SCALE: 1" = 300'		W.O. #E018420	FILE #1920PW-PM0002
		REVISIONS	FILE: PETERS CYN BIKEWAY PT2_BOUNDARY_2020.DWG			

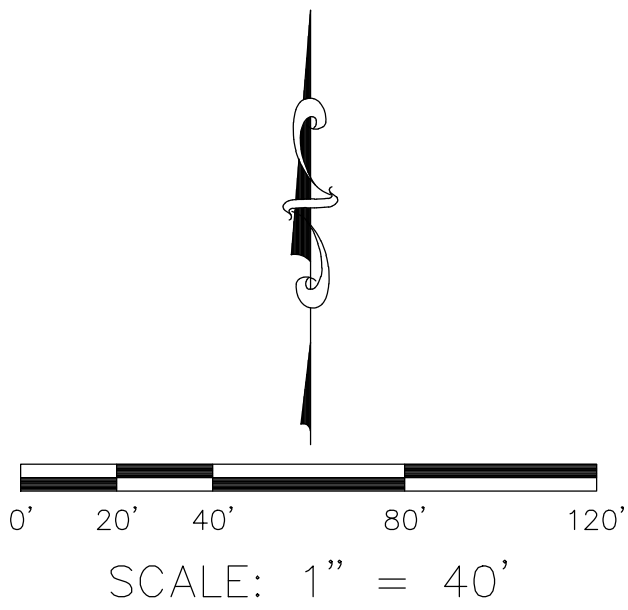
CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	13°24'00"	2054.94'	480.60'	(M&R R1)	2055.00' (R1)	480.61' (R1)
C2	13°24'00"	1944.94'	454.87'	(M&R R1)	1945.00' (R1)	454.89' (R1)
C3	13°24'00"	1999.94'	467.73'	(M&R R1)	2000.00' (R1)	467.75' (R1)
C5	97°44'00"	749.98'	1279.29'	(M&R R1)	750.00' (R1)	1279.33' (R1)
C6	43°22'17"	749.98'	567.72'	44°22'14" (R4)	750.00' (R4)	567.70' (R4)
C8	97°44'00"	714.98'	1219.59'	(M&R R1)	715.00' (R1)	1219.62' (R1)
C9	39°34'24"	784.98'	542.17'	39°34'19" (R4)	785.00' (R4)	(M&R R4)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N06°10'02"W	102.47'	(M&R R R1)
L2	N06°10'02"W	18.11'	(M&R R R1)
L3	N06°10'02"W	18.17'	(M&R R R1)
L4	N07°13'58"E	113.69'	(113.67' R1)
L5	N07°13'58"E	55.29'	(M&R R1)
L6	N36°57'46"W	34.86'	(M&R R1)
L7	N07°13'58"E	52.05'	(M&R R1)
L8	N52°46'06"E	35.71'	(M&R R1)
L9	N81°37'03"W	144.28'	144.26' (R1)
L10	N81°37'03"W	63.05'	(M&R R1)

REFERENCES

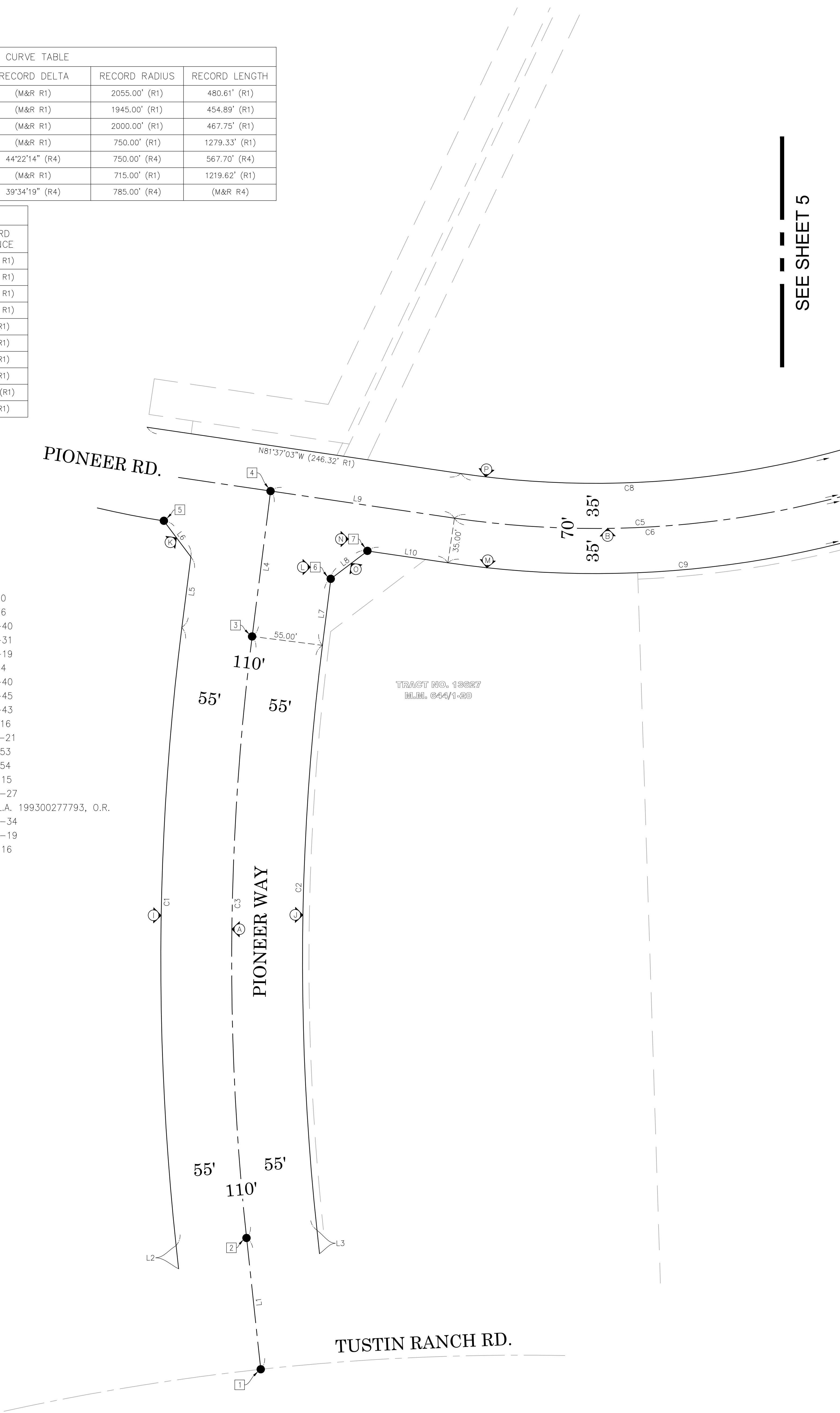
- (R1) = TRACT NO. 13627, M.M. 644/1-20
(R2) = CORNER RECORD, C.R. 2012-0156
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(R8) = TRACT NO. 14381, M.M. 689/41-45
(R9) = TRACT NO. 14295, M.M. 687/38-43
(R10) = CORNER RECORD, C.R. 2017-0716
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(R12) = CORNER RECORD, C.R. 2010-2453
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(R18) = TRACT NO. 14499, M.M. 691/14-19
(R19) = TRACT NO. 15681, M.M. 788/6-16

SEE SHEET 5



LEGEND

- FOUND MONUMENT AS NOTED
⊗ SEARCHED FOUND NOTHING



U.S. Survey
Foot

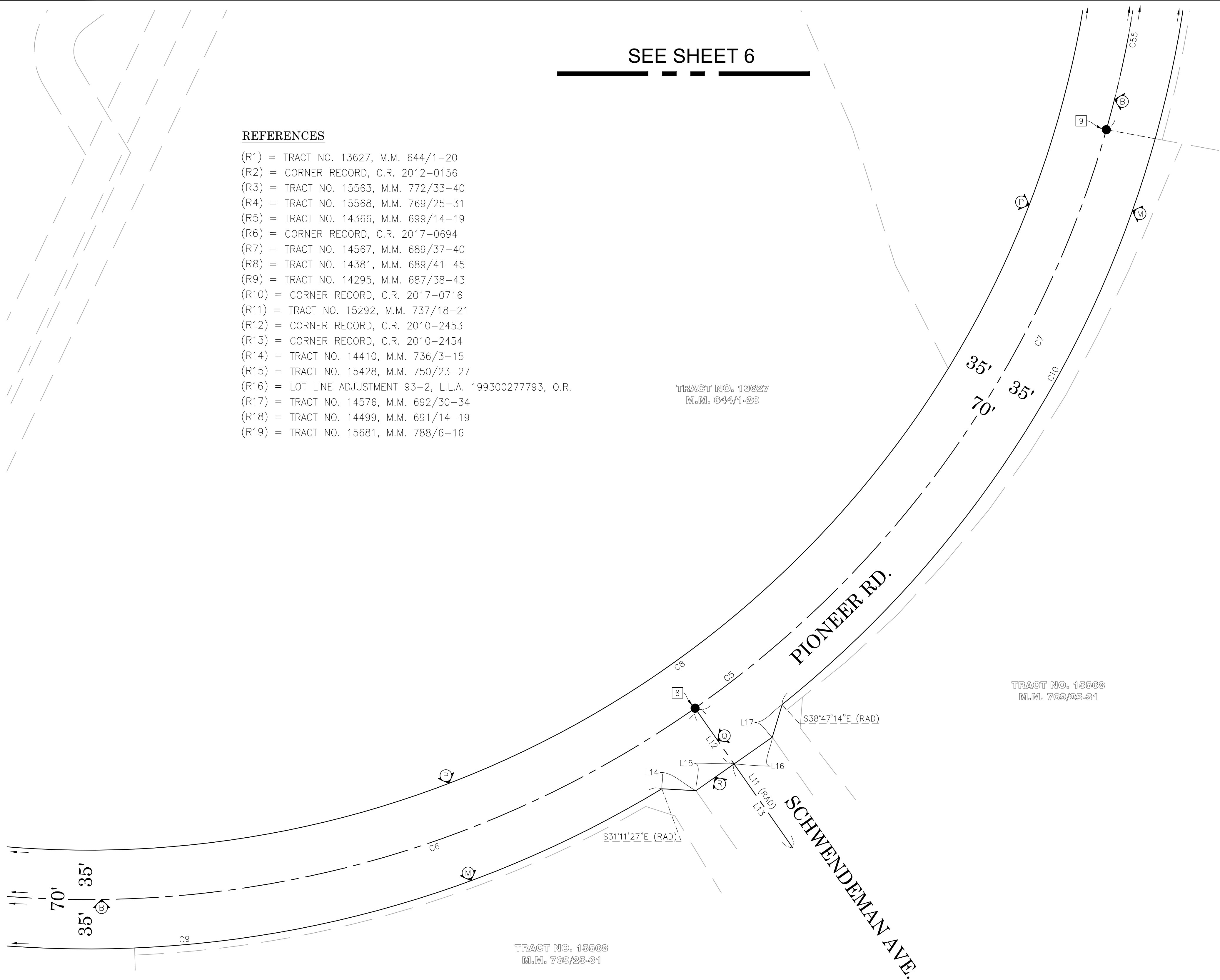
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PETERS CANYON OC LOOP BIKEWAY - PART 2				
			BOUNDARY MAP				
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD				
			INTERSECTION TO PIONEER RD AND JAMBORREE RD INTERSECTION				
MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 4 of 27	
			MAPPING		BY: A. VU		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. JOHNS		
REVISIONS			SCALE: 1" = 40'	W.O. #E018420	FILE # 1920PW-PM0002		
			FILE: PETERS CYN BIKEWAY PT2_BOUNDARY_2020.DWG				

SEE SHEET 6

REFERENCES

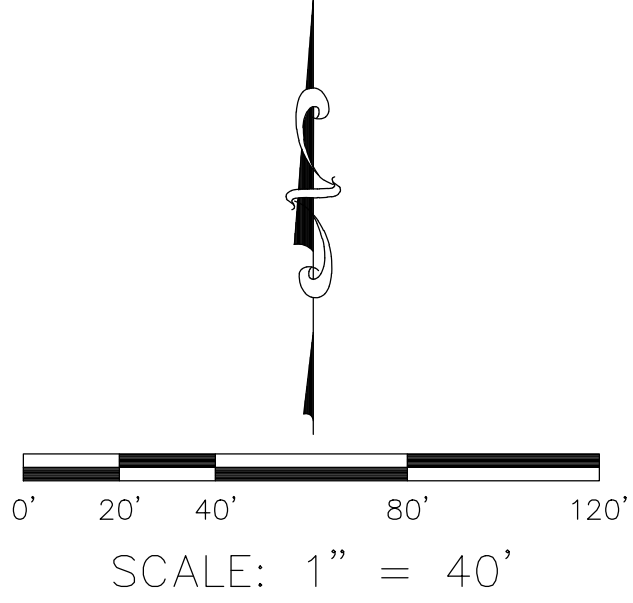
- (R1) = TRACT NO. 13627, M.M. 644/1-20
(R2) = CORNER RECORD, C.R. 2012-0156
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(R6) = CORNER RECORD, C.R. 2017-0694
(R7) = TRACT NO. 14567, M.M. 689/37-40
(R8) = TRACT NO. 14381, M.M. 689/41-45
(R9) = TRACT NO. 14295, M.M. 687/38-43
(R10) = CORNER RECORD, C.R. 2017-0716
(R11) = TRACT NO. 15292, M.M. 737/18-21
(R12) = CORNER RECORD, C.R. 2010-2453
(R13) = CORNER RECORD, C.R. 2010-2454
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(R15) = TRACT NO. 15428, M.M. 750/23-27
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(R18) = TRACT NO. 14499, M.M. 691/14-19
(R19) = TRACT NO. 15681, M.M. 788/6-16



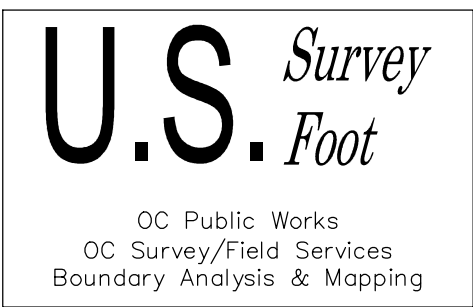
CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C5	97°44'00"	749.98'	1279.29'	(M&R R1)	750.00' (R1)	1279.33' (R1)
C6	43°22'17"	749.98'	567.72'	44°22'14" (R4)	750.00' (R4)	567.70' (R4)
C7	54°21'43"	749.98'	711.58'	54°21'46" (R4)	750.00' (R4)	711.60' (R4)
C8	97°44'00"	714.98'	1219.59'	(M&R R1)	715.00' (R1)	1219.62' (R1)
C9	39°34'24"	784.98'	542.17'	39°34'19" (R4)	785.00' (R4)	(M&R R4)
C10	50°33'48"	784.98'	692.74'	50°33'51" (R4&R5)	785.00' (R4&R5)	692.77' (R4&R5)
C55	15°11'26"	749.98'	198.84'	15°11'19" (R5)	750.00' (R5)	198.82' (R5)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L11	N34°59'20"W	120.86'	(M&R R4)
L12	N34°59'20"W	48.24'	(M&R R4)
L13	N34°59'20"W	72.62'	(M&R R4)
L14	N86°46'04"W	24.18'	24.19' (R4)
L15	N55°00'43"E	33.00'	(M&R R4)
L16	N55°00'43"E	33.00'	(M&R R4)
L17	N16°47'34"E	24.19'	(M&R R4)

SEE SHEET 4



- LEGEND**
- FOUND MONUMENT AS NOTED
 - ⊗ SEARCHED FOUND NOTHING



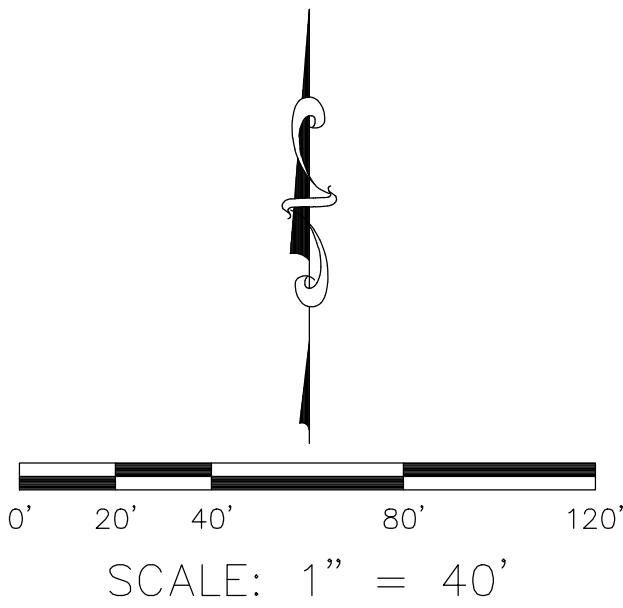
			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PETERS CANYON OC LOOP BIKEWAY - PART 2				
			BOUNDARY MAP				
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION				
MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 5 of 27	
			MAPPING		BY: A. VU		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. JOHNS		
REVISIONS			SCALE: 1" = 40'	W.O. #E018420	FILE # 1920PW-PM0002		
			FILE: PETERS_CYN BIKEWAY PT2_BOUNDARY_2020.DWG				

REFERENCES

- (R1) = TRACT NO. 13627, M.M. 644/1-20
(R2) = CORNER RECORD, C.R. 2012-0156
(R3) = TRACT NO. 15563, M.M. 772/33-40
(R4) = TRACT NO. 15568, M.M. 769/25-31
(R5) = TRACT NO. 14366, M.M. 699/14-19
(R6) = CORNER RECORD, C.R. 2017-0694
(R7) = TRACT NO. 14567, M.M. 689/37-40
(R8) = TRACT NO. 14381, M.M. 689/41-45
(R9) = TRACT NO. 14295, M.M. 687/38-43
(R10) = CORNER RECORD, C.R. 2017-0716
(R11) = TRACT NO. 15292, M.M. 737/18-21
(R12) = CORNER RECORD, C.R. 2010-2453
(R13) = CORNER RECORD, C.R. 2010-2454
(R14) = TRACT NO. 14410, M.M. 736/3-15
(R15) = TRACT NO. 15428, M.M. 750/23-27
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(R18) = TRACT NO. 14499, M.M. 691/14-19
(R19) = TRACT NO. 15681, M.M. 788/6-16

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L18	N89°21'03"W	163.00'	(M&R R5)
L19	N89°21'03"W	50.00'	(M&R R5)
L20	N89°21'03"W	113.00'	(M&R R5)
L21	N00°38'57"E	77.37'	77.38' (R5)
L22	N89°21'03"W	5.00'	(M&R R5)
L23	N34°20'21"E	18.03'	(M&R R5)
L24	N00°38'57"E	28.00'	(M&R R5)
L25	N00°38'57"E	28.00'	(M&R R5)
L26	N33°02'27"W	18.03'	(M&R R5)
L27	N89°21'03"W	5.00'	(M&R R5)
L28	N44°21'03"W	21.21'	(M&R R1)
L29	N45°38'57"E	21.21'	(M&R R1)
L30	N70°32'30"W	5.28'	5.29' (R17)
L31	N89°21'03"W	50.00'	(M&R R17)
L32	N00°38'57"E	28.00'	(M&R R17)
L33	N00°38'57"E	28.00'	(M&R R17)
L34	N33°02'27"W	18.03'	(M&R R17)
L35	N89°21'03"W	5.00'	(M&R R17)
L36	N47°11'54"E	13.77'	(M&R R17)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C5	97°44'00"	749.98'	1279.29'	(M&R R1)	750.00' (R1)	1279.33' (R1)
C7	54°21'43"	749.98'	711.58'	54°21'46" (R4)	750.00' (R4)	711.60' (R4)
C8	97°44'00"	714.98'	1219.59'	(M&R R1)	715.00' (R1)	1219.62' (R1)
C10	50°33'48"	784.98'	692.74'	50°33'51" (R4&R5)	785.00' (R4&R5)	692.77' (R4&R5)
C55	15°11'26"	749.98'	198.84'	15°11'19" (R5)	750.00' (R5)	198.82' (R5)



- LEGEND**
- FOUND MONUMENT AS NOTED
 - ⊗ SEARCHED FOUND NOTHING

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

SEE SHEET 7

SEE SHEET 5

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			BOUNDARY MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
			DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. JOHNS	
			SCALE: 1" = 40'		W.O. #E018420	
			FILE: PETERS CYN BIKEWAY PT2_BOUNDARY_2020.DWG		FILE # 1920PW-PM0002	
MARK	DATE	ITEM	REVISIONS			
			6 of 27			

SEE SHEET 8

REFERENCES

- (R1) = TRACT NO. 13627, M.M. 644/1-20
(R2) = CORNER RECORD, C.R. 2012-0156
(R3) = TRACT NO. 15563, M.M. 772/33-40
(R4) = TRACT NO. 15568, M.M. 769/25-31
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(R18) = TRACT NO. 14499, M.M. 691/14-19
(R19) = TRACT NO. 15681, M.M. 788/6-16

CARLSON CT.

TRACT NO. 14410
M.M. 736/3-15

TRACT NO. 14499
M.M. 691/14-19

PIONEER RD.

TRACT NO. 14576
M.M. 692/30-34

PETERS CANYON RD.

FINLEY

TRACT NO. 13627
M.M. 644/1-20

P.O.B. OF
PARCEL 2 OF
L.L.A. 93-2

L.L.A. 93-2
199300277793 O.R.

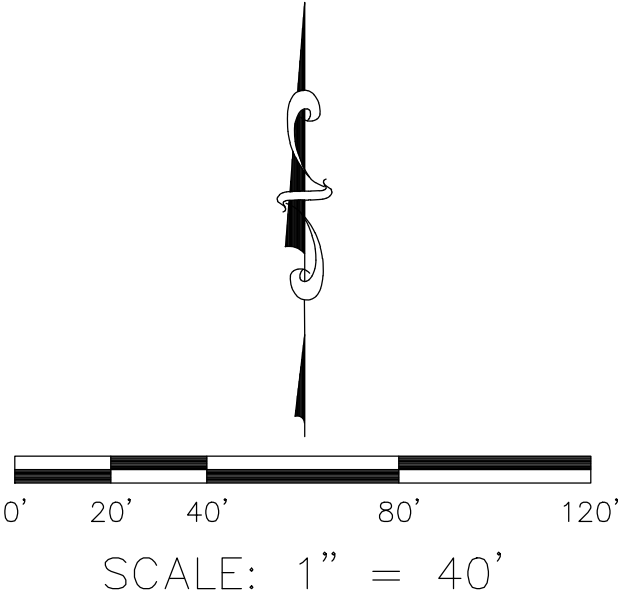
LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L28	N44°21'03"W	21.21'	(M&R R1)
L29	N45°38'57"E	21.21'	(M&R R1)
L30	N70°32'30"W	5.28'	5.29' (R17)
L31	N89°21'03"W	50.00'	(M&R R17)
L32	N00°38'57"E	28.00'	(M&R R17)
L33	N00°38'57"E	28.00'	(M&R R17)
L34	N33°02'27"W	18.03'	(M&R R17)
L35	N89°21'03"W	5.00'	(M&R R17)
L36	N47°11'54"E	13.77'	(M&R R17)
L37	N25°18'43"W	20.47'	20.46' (R14)
L38	N21°45'47"E	36.19'	(M&R R14)
L40	N21°45'47"E	35.65'	(M&R R14)
L41	N63°51'01"E	22.37'	22.36' (R14)
L42	N23°16'20"E	17.58'	(M&R R14)
L43	N65°40'29"E	21.80'	(M&R R18)
L44	N18°34'52"E	25.33'	(M&R R18)
L46	N68°14'34"W	13.92'	(M&R R18)
L47	N21°45'26"E	27.50'	(M&R R18)
L48	N68°14'34"W	13.68'	(M&R R18)
L49	N22°27'55"W	23.53'	(M&R R18)
L50	N23°16'59"E	10.82'	(M&R R18)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C11	22°38'02"	1399.96'	553.03'	22°38'01" (R1)	1400.00' (R1)	553.04' (R1)
C12	21°05'05"	1399.96'	515.18'	21°04'52" (R14)	1400.00' (R14)	515.93' (R14)
C13	1°32'57"	1399.96'	37.85'	1°31'07" (R14)	1400.00' (R14)	37.11' (R14)
C14	18°58'52"	1434.96'	475.38'	18°58'50" (R14)	1435.00' (R14)	(M&R R14)
C15	19°03'54"	1364.96'	454.19'	19°03'53" (R17&R18)	1365.00' (R17&R18)	(M&R R17&R18)
C16	3°39'10"	1434.96'	91.48'	(M&R R14)	1435.00' (R14)	91.49' (R14)
C17	67°26'26"	6.00'	7.06'	(M&R R14)	(M&R R14)	(M&R R14)
C18	3°34'08"	1364.96'	85.02'	(M&R R18)	1365.00' (R18)	(M&R R18)
C19	154°36'45"	5.50'	14.84'	(M&R R18)	(M&R R18)	(M&R R18)

SEE SHEET 6

TRACT NO. 14410
M.M. 736/3-15

TRACT NO. 14576
M.M. 692/30-34



LEGEND

- FOUND MONUMENT AS NOTED
⊗ SEARCHED FOUND NOTHING

U.S. Survey
Foot

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

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			PETERS CANYON OC LOOP BIKEWAY - PART 2		
			BOUNDARY MAP		
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD		
			INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION		
			DATE OF SURVEY: 5/29/2020	BY: J. JOHNS & CREW	SHEET NO. 7 of 27
			MAPPING	BY: A. VU	
			OFFICE CHECK	BY: J. MORENO, PLS	
			FIELD CHECK	BY: J. JOHNS	
			SCALE: 1" = 40'	W.O. #E018420	FILE #1920PW-PM0002
			FILE: PETERS CYN BIKEWAY PT2-BOUNDARY_2020.DWG		
MARK	DATE	ITEM	REVISIONS		

SEE SHEET 9

REFERENCES

- (R1) = TRACT NO. 13627, M.M. 644/1-20
(R2) = CORNER RECORD, C.R. 2012-0156
(R3) = TRACT NO. 15563, M.M. 772/33-40
(R4) = TRACT NO. 15568, M.M. 769/25-31
(R5) = TRACT NO. 14366, M.M. 699/14-19
(R6) = CORNER RECORD, C.R. 2017-0694
(R7) = TRACT NO. 14567, M.M. 689/37-40
(R8) = TRACT NO. 14381, M.M. 689/41-45
(R9) = TRACT NO. 14295, M.M. 687/38-43
(R10) = CORNER RECORD, C.R. 2017-0716
(R11) = TRACT NO. 15292, M.M. 737/18-21
(R12) = CORNER RECORD, C.R. 2010-2453
(R13) = CORNER RECORD, C.R. 2010-2454
(R14) = TRACT NO. 14410, M.M. 736/3-15
(R15) = TRACT NO. 15428, M.M. 750/23-27
(R16) = LOT LINE ADJUSTMENT 93-2, L.L.A. 199300277793, O.R.
(R17) = TRACT NO. 14576, M.M. 692/30-34
(R18) = TRACT NO. 14499, M.M. 691/14-19
(R19) = TRACT NO. 15681, M.M. 788/6-16

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L51	N69°55'21"W	149.83'	(M&R R17)
L52	N69°55'21"W	49.41'	—
L53	N69°55'21"W	100.42'	—
L54	N12°56'57"E	12.48'	12.47' (R8)
L55	N64°37'27"E	21.46'	21.47' (R7)
L56	N20°04'50"E	6.47'	(M&R R7)
L57	N13°51'24"E	18.11'	—
L58	N13°51'24"E	18.10'	—
L59	N20°04'50"E	7.27'	(M&R R7)
L60	N27°04'37"W	20.10'	20.11' (R7)
L61	N69°55'22"W	137.84'	(M&R R8)
L62	N69°55'22"W	50.71'	—
L63	N69°55'22"W	87.13'	—
L64	N12°56'56"E	57.96'	(M&R R8)
L65	N61°31'57"E	23.73'	(M&R R8)
L66	N20°05'48"E	5.36'	(M&R R8)
L67	N03°08'25"E	18.45'	—
L68	N03°08'25"E	18.82'	—
L69	N20°05'48"E	7.52'	(M&R R8)
L70	N27°56'45"W	19.66'	(M&R R8)
L71	N56°31'04"W	34.37'	34.33' (R8)
L72	N15°22'11"W	20.63'	(M&R R19)
L73	N31°10'19"E	10.00'	(M&R R19)
L74	N32°46'42"E	24.09'	—
L75	N60°55'23"W	8.52'	8.51' (R19)
L76	N58°33'29"E	8.41'	(M&R R19)
L77	N03°21'48"E	8.01'	(M&R R19)
L78	N32°46'39"E	24.33'	(M&R R19)
L79	N26°08'56"E	10.00'	(M&R R19)
L80	N75°39'42"E	19.48'	(M&R R19)
L81	N76°12'41"E	20.96'	(M&R R8)
L82	N30°45'00"E	6.76'	(M&R R8)
L83	N37°55'26"E	18.17'	—
L84	N37°55'26"E	18.16'	—
L85	N29°49'42"E	5.66'	(M&R R8)
L86	N12°25'17"W	22.76'	(M&R R8)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C20	10°20'03"	1399.96'	252.50'	10°20'00" (R7)	1400.00' (R7)	252.49' (R7)
C21	5°54'42"	1399.96'	144.44'	5°54'40" (R7)	1400.00' (R7)	(M&R R7)
C22	4°25'21"	1399.96'	108.06'	4°25'20" (R7)"	1400.00' (R7)	108.05' (R7)
C23	10°20'03"	1364.96'	246.19'	10°20'00" (R14)	1365.00' (R14)	246.18' (R14)
C24	4°15'23"	1434.96'	106.60'	(M&R R7)	1435.00' (R7)	(M&R R7)
C25	2°55'51"	1434.96'	73.40'	2°55'50" (R7)	1435.00' (R7)	(M&R R7)
C26	0°55'39"	1364.96'	22.10'	(M&R R8)	1365.00' (R8)	(M&R R8)
C27	32°08'06"	1399.96'	785.19'	32°08'00" (R1)	1400.00' (R1)	785.17' (R1)
C28	20°32'00"	1399.96'	501.71'	20°31'54" (R8)	1400.00' (R8)	501.68' (R8)
C29	11°36'06"	1399.96'	283.48'	(M&R R8)	1400.00' (R8)	(M&R R8)
C30	13°24'25"	299.99'	70.20'	13°24'12" (R8)	300.00' (R8)	70.18' (R8)
C31	3°23'58"	1434.96'	85.14'	3°24'00" (R14)	1435.00' (R14)	85.15' (R14)
C32	11°44'23"	1434.96'	294.02'	11°44'20" (R19)	1435.00' (R19)	294.01' (R19)
C33	2°40'21"	1434.96'	66.93'	2°40'20" (R19)	1435.00' (R19)	66.92' (R19)
C34	4°13'34"	95.02'	7.01'	(M&R R19)	95.00' (R19)	(M&R R19)
C35	17°56'05"	1364.96'	427.26'	17°56'01" (R8)	1365.00' (R8)	427.24' (R8)
C36	3°21'09"	1364.96'	79.87'	(M&R R8)	1365.00'	(M&R R8)
C37	9°54'33"	1434.96'	248.18'	9°54'32" (R19)	1435.00' (R19)	248.17' (R19)
C38	9°55'14"	1364.96'	236.34'	9°55'11" (R19)	1365.00' (R19)	236.33' (R19)

- LEGEND**
- FOUND MONUMENT AS NOTED
 - ⊗ SEARCHED FOUND NOTHING

U.S. Survey
Foot

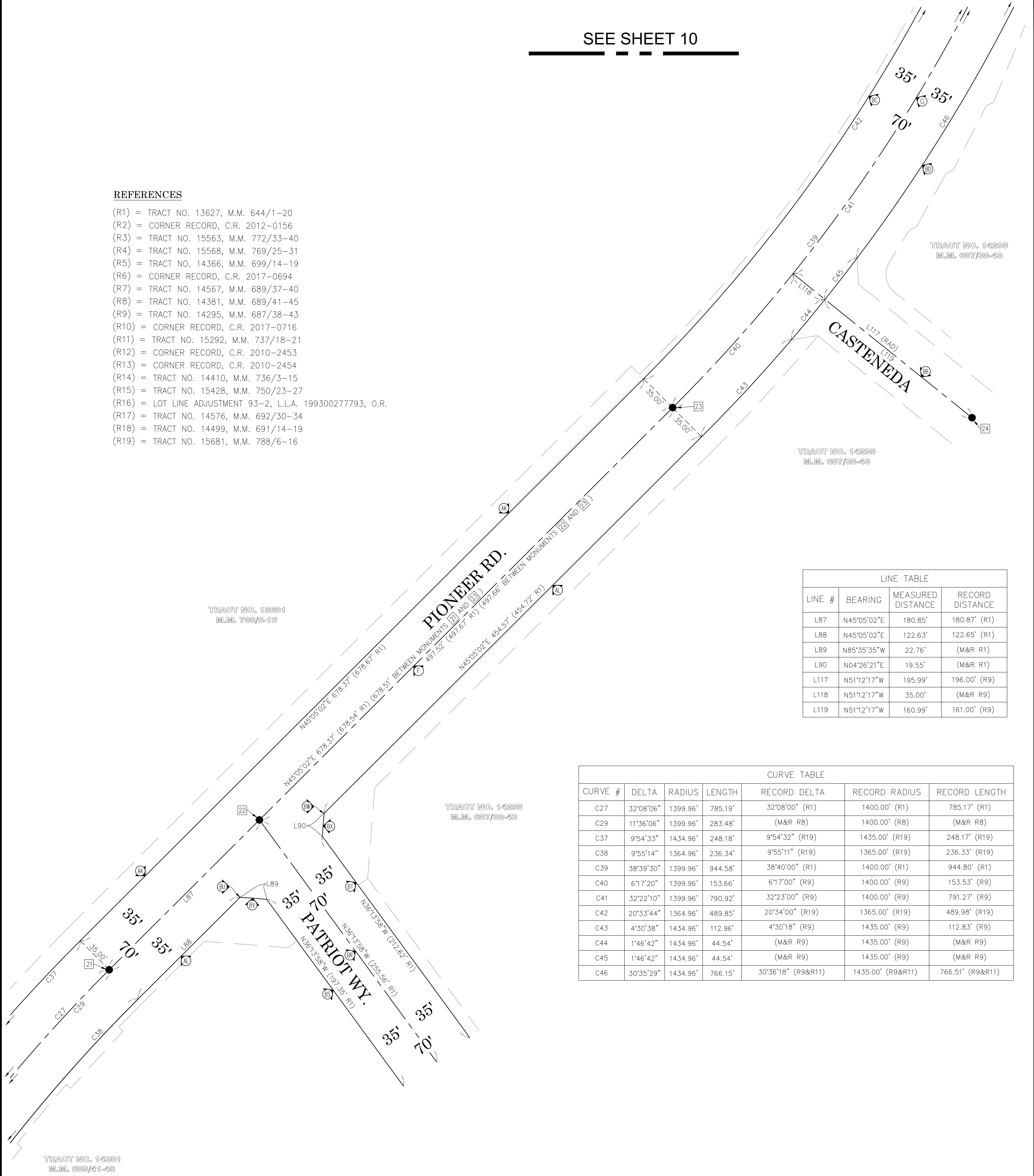
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		PETERS CANYON OC LOOP BIKEWAY - PART 2	
		BOUNDARY MAP	
		PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD	
		INTERSECTION TO PIONEER RD AND JAMBORREE RD INTERSECTION	
		DATE OF SURVEY: 5/29/2020	SHEET NO. 8 of 27
		MAPPING	
		OFFICE CHECK	
		FIELD CHECK	
		SCALE: 1" = 40'	
MARK	DATE	ITEM	FILE: PETERS CYN BIKEWAY PT2-BOUNDARY_2020.DWG
		REVISIONS	

SEE SHEET 10

REFERENCES

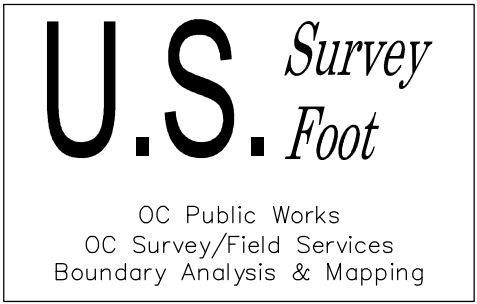
- (R1) = TRACT NO. 13627, M.M. 644/1-20
(R2) = CORNER RECORD, C.R. 2012-0156
(R3) = TRACT NO. 15563, M.M. 772/33-40
(R4) = TRACT NO. 15568, M.M. 769/25-31
(R5) = TRACT NO. 14366, M.M. 699/14-19
(R6) = CORNER RECORD, C.R. 2017-0694
(R7) = TRACT NO. 14567, M.M. 689/37-40
(R8) = TRACT NO. 14381, M.M. 689/41-45
(R9) = TRACT NO. 14295, M.M. 687/38-43
(R10) = CORNER RECORD, C.R. 2017-0716
(R11) = TRACT NO. 15292, M.M. 737/18-21
(R12) = CORNER RECORD, C.R. 2010-2453
(R13) = CORNER RECORD, C.R. 2010-2454
(R14) = TRACT NO. 14410, M.M. 736/3-15
(R15) = TRACT NO. 15428, M.M. 750/23-27
(R16) = LOT LINE ADJUSTMENT 93-2, L.L.A. 199300277793, O.R.
(R17) = TRACT NO. 14576, M.M. 692/30-34
(R18) = TRACT NO. 14499, M.M. 691/14-19
(R19) = TRACT NO. 15681, M.M. 788/6-16



LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L87	N45°05'02"E	180.85'	180.87' (R1)
L88	N45°05'02"E	122.63'	122.65' (R1)
L89	N85°35'35"W	22.76'	(M&R R1)
L90	N04°26'21"E	19.55'	(M&R R1)
L117	N51°12'17"W	195.99'	196.00' (R9)
L118	N51°12'17"W	35.00'	(M&R R9)
L119	N51°12'17"W	160.99'	161.00' (R9)

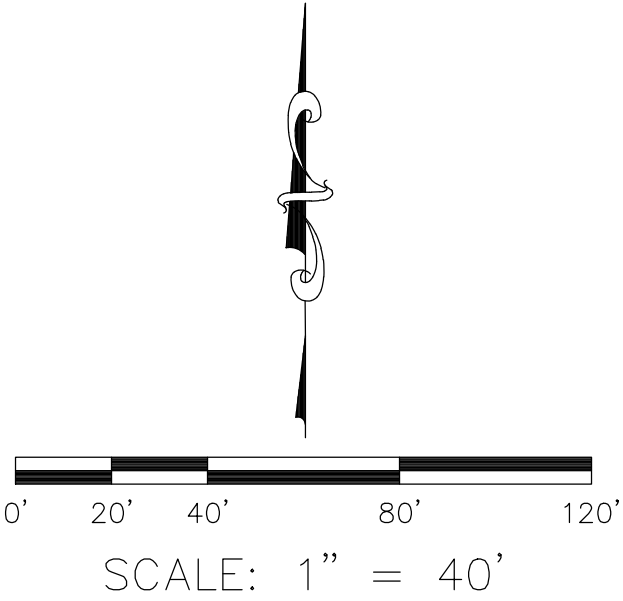
CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C27	32°08'06"	1399.96'	785.19'	32°08'00" (R1)	1400.00' (R1)	785.17' (R1)
C29	11°36'06"	1399.96'	283.48'	(M&R R8)	1400.00' (R8)	(M&R R8)
C37	9°54'33"	1434.96'	248.18'	9°54'32" (R19)	1435.00' (R19)	248.17' (R19)
C38	9°55'14"	1364.96'	236.34'	9°55'11" (R19)	1365.00' (R19)	236.33' (R19)
C39	38°39'30"	1399.96'	944.58'	38°40'00" (R1)	1400.00' (R1)	944.80' (R1)
C40	6°17'20"	1399.96'	153.66'	6°17'00" (R9)	1400.00' (R9)	153.53' (R9)
C41	32°22'10"	1399.96'	790.92'	32°23'00" (R9)	1400.00' (R9)	791.27' (R9)
C42	20°33'44"	1364.96'	489.85'	20°34'00" (R19)	1365.00' (R19)	489.98' (R19)
C43	4°30'38"	1434.96'	112.96'	4°30'18" (R9)	1435.00' (R9)	112.83' (R9)
C44	1°46'42"	1434.96'	44.54'	(M&R R9)	1435.00' (R9)	(M&R R9)
C45	1°46'42"	1434.96'	44.54'	(M&R R9)	1435.00' (R9)	(M&R R9)
C46	30°35'29"	1434.96'	766.15'	30°36'18" (R9&R11)	1435.00' (R9&R11)	766.51' (R9&R11)

SEE SHEET 8



LEGEND

- FOUND MONUMENT AS NOTED
⊗ SEARCHED FOUND NOTHING



			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PETERS CANYON OC LOOP BIKEWAY - PART 2				
			BOUNDARY MAP				
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD				
			INTERSECTION TO PIONEER RD AND JAMBORREE RD INTERSECTION				
MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 9 of 27	
			MAPPING		BY: A. VU		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. JOHNS		
REVISIONS			SCALE: 1" = 40'	W.O. #E018420	FILE # 1920PW-PM0002		
			FILE: PETERS CYN BIKEWAY PT2_BOUNDARY_2020.DWG				

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L91	N21°31'15"W	21.59'	(M&R R19)
L92	N22°26'20"E	10.00'	(M&R R19)
L93	N21°38'14"E	23.94'	(M&R R19)
L94	N67°33'40"W	6.95'	(M&R R19)
L95	N50°54'33"E	8.34'	(M&R R19)
L96	N08°13'13"W	8.21'	(M&R R19)
L97	N71°30'15"W	12.22'	(M&R R19)
L98	N21°38'21"E	24.60'	24.61' (R19)
L99	N20°38'14"E	10.00'	(M&R R19)
L100	N65°16'53"E	21.35'	(M&R R19)
L101	N83°34'28"W	156.28'	156.32' (R11)
L102	N83°34'28"W	50.00'	-
L103	N83°34'28"W	106.28'	-
L104	N06°25'32"E	143.60'	143.33' (R11)
L105	N42°36'48"E	25.40'	25.39' (R11)
L106	N06°25'32"E	22.49'	22.50' (R11)
L107	N06°25'32"E	22.51'	22.50' (R11)
L108	N29°45'44"W	25.40'	(M&R R11)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C39	38°39'30"	1399.96'	944.58'	38°40'00" (R1)	1400.00' (R1)	944.80' (R1)
C41	32°22'10"	1399.96'	790.92'	32°23'00" (R9)	1400.00' (R9)	791.27' (R9)
C42	20°33'44"	1364.96'	489.85'	20°34'00" (R19)	1365.00' (R19)	489.98' (R19)
C46	30°35'29"	1434.96'	766.15'	30°36'18" (R9&R11)	1435.00' (R9&R11)	766.51' (R9&R11)
C47	1°23'38"	216.97'	5.28'	(M&R R19)	217.00' (R19)	M&R (R19)
C48	1°03'42"	1364.96'	25.29'	(M&R R19)	1365.00' (R19)	25.30' (R19)
C49	12°16'27"	1364.96'	292.41'	12°16'37" (R19)	1365.00' (R19)	292.48' (R19)

TRACT NO. 15681
M.M. 788/G-16

TRACT NO. 15292
M.M. 737/18.21

REFERENCES

(R1) = TRACT NO. 13627, M.M. 644/1-20
(R2) = CORNER RECORD, C.R. 2012-0156
(R3) = TRACT NO. 15563, M.M. 772/33-40
(R4) = TRACT NO. 15568, M.M. 769/25-31
(R5) = TRACT NO. 14366, M.M. 699/14-19
(R6) = CORNER RECORD, C.R. 2017-0694
(R7) = TRACT NO. 14567, M.M. 689/37-40
(R8) = TRACT NO. 14381, M.M. 689/41-45
(R9) = TRACT NO. 14295, M.M. 687/38-43
(R10) = CORNER RECORD, C.R. 2017-0716
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(R14) = TRACT NO. 14410, M.M. 736/3-15
(R15) = TRACT NO. 15428, M.M. 750/23-27
(R16) = LOT LINE ADJUSTMENT 93-2, L.L.A. 199300277793, O.R.
(R17) = TRACT NO. 14576, M.M. 692/30-34
(R18) = TRACT NO. 14499, M.M. 691/14-19
(R19) = TRACT NO. 15681, M.M. 788/6-16

PIONEER RD.

CARSON DR.

TRACT NO. 15681
M.M. 788/6-16

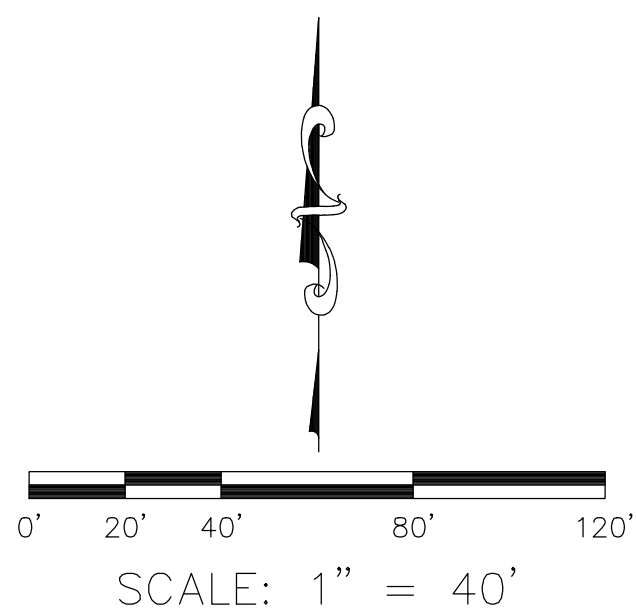
TRACT NO. 15292
M.M. 737/18-21

TRACT NO. 15292
M.M. 737/18-21

TRACT NO. 15681
M.M. 788/G-16

TRACT NO. 14295
M.M. 687/38-43

EMERSON BEND



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

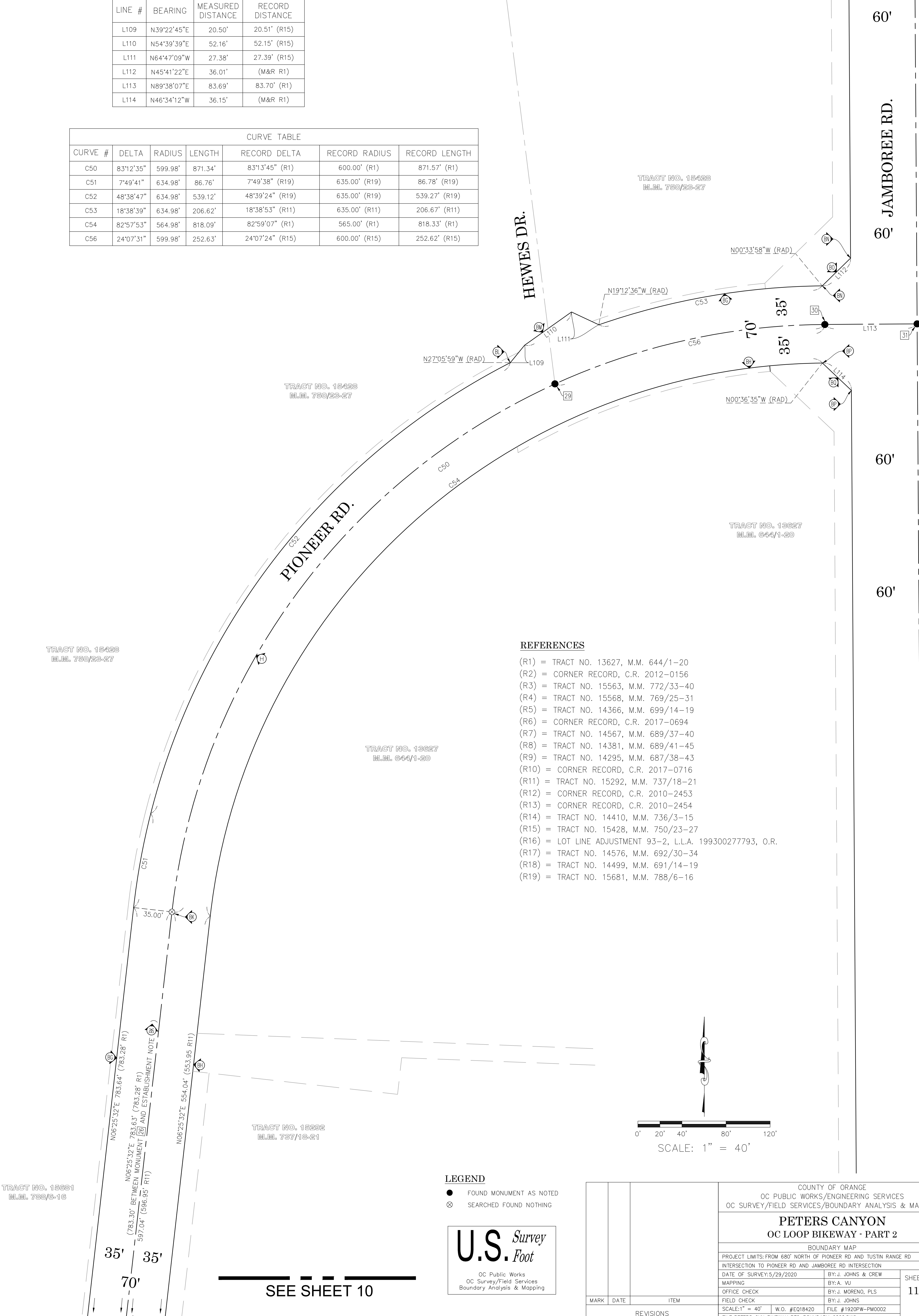
LEGEND

- FOUND MONUMENT AS NOTED
⊗ SEARCHED FOUND NOTHING

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
PETERS CANYON OC LOOP BIKEWAY - PART 2								
BOUNDARY MAP								
PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD								
INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION								
DATE OF SURVEY: 5/29/2020						BY: J. JOHNS & CREW		SHEET NO. 10 of 27
MAPPING						BY: A. VU		
OFFICE CHECK						BY: J. MORENO, PLS		
FIELD CHECK						BY: J. JOHNS		
SCALE: 1" = 40'						FILE #E018420 FILE #1920PW-PM0002		
MARK	DATE	ITEM	FIL-FPTERS CYN BIKEWAY PT2 BOUNDARY 2020.DWG					
REVISIONS								

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L109	N39°22'45"E	20.50'	20.51' (R15)
L110	N54°39'39"E	52.16'	52.15' (R15)
L111	N64°47'09"W	27.38'	27.39' (R15)
L112	N45°41'22"E	36.01'	(M&R R1)
L113	N89°38'07"E	83.69'	83.70' (R1)
L114	N46°34'12"W	36.15'	(M&R R1)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C50	83°12'35"	599.98'	871.34'	83°13'45" (R1)	600.00' (R1)	871.57' (R1)
C51	7°49'41"	634.98'	86.76'	7°49'38" (R19)	635.00' (R19)	86.78' (R19)
C52	48°38'47"	634.98'	539.12'	48°39'24" (R19)	635.00' (R19)	539.27' (R19)
C53	18°38'39"	634.98'	206.62'	18°38'53" (R11)	635.00' (R11)	206.67' (R11)
C54	82°57'53"	564.98'	818.09'	82°59'07" (R1)	565.00' (R1)	818.33' (R1)
C56	24°07'31"	599.98'	252.63'	24°07'24" (R15)	600.00' (R15)	252.62' (R15)



REFERENCES

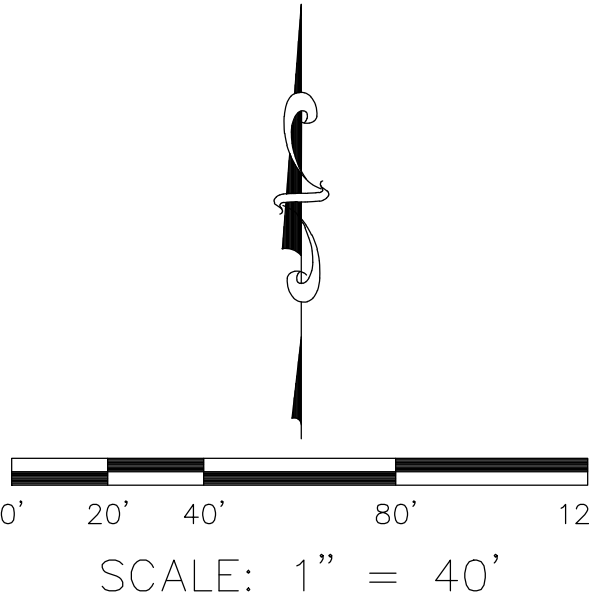
- (R1) = TRACT NO. 13627, M.M. 644/1-20
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- (R3) = TRACT NO. 15563, M.M. 772/33-40
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- (R6) = CORNER RECORD, C.R. 2017-0694
- (R7) = TRACT NO. 14567, M.M. 689/37-40
- (R8) = TRACT NO. 14381, M.M. 689/41-45
- (R9) = TRACT NO. 14295, M.M. 687/38-43
- (R10) = CORNER RECORD, C.R. 2017-0716
- (R11) = TRACT NO. 15292, M.M. 737/18-21
- (R12) = CORNER RECORD, C.R. 2010-2453
- (R13) = CORNER RECORD, C.R. 2010-2454
- (R14) = TRACT NO. 14410, M.M. 736/3-15
- (R15) = TRACT NO. 15428, M.M. 750/23-27
- (R16) = LOT LINE ADJUSTMENT 93-2, L.L.A. 199300277793, O.R.
- (R17) = TRACT NO. 14576, M.M. 692/30-34
- (R18) = TRACT NO. 14499, M.M. 691/14-19
- (R19) = TRACT NO. 15681, M.M. 788/6-16

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ SEARCHED FOUND NOTHING

U.S. Survey Foot

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



			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			BOUNDARY MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD			
			INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
			DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. JOHNS	
MARK DATE ITEM			SCALE: 1" = 40'		W.O. #E018420	
			FILE: PETERS CYN BIKEWAY PT2_BOUNDARY_2020.DWG		FILE #1920PW-PM0002	
			REVISIONS			

11

of

27

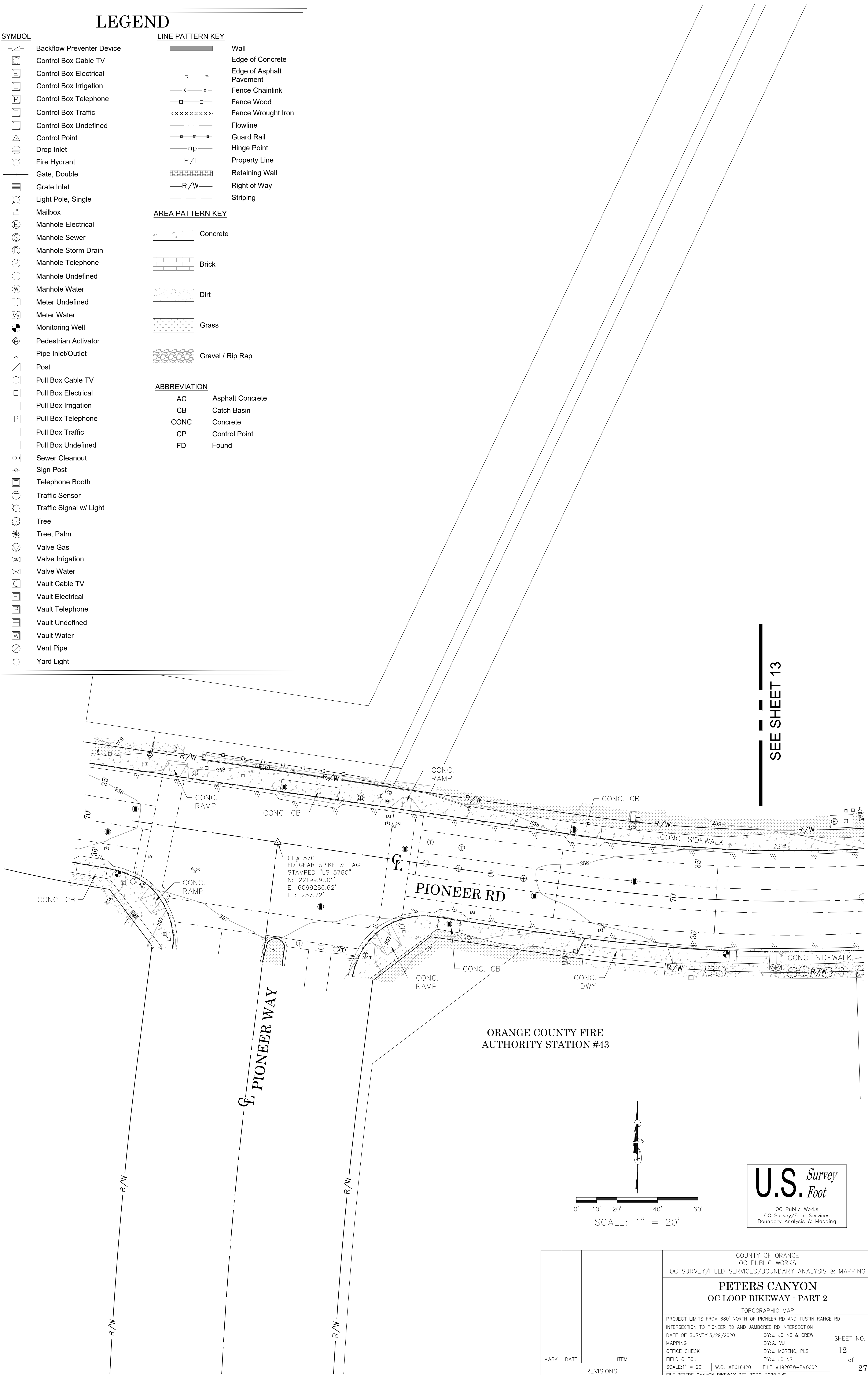
SHEET NO.

LEGEND

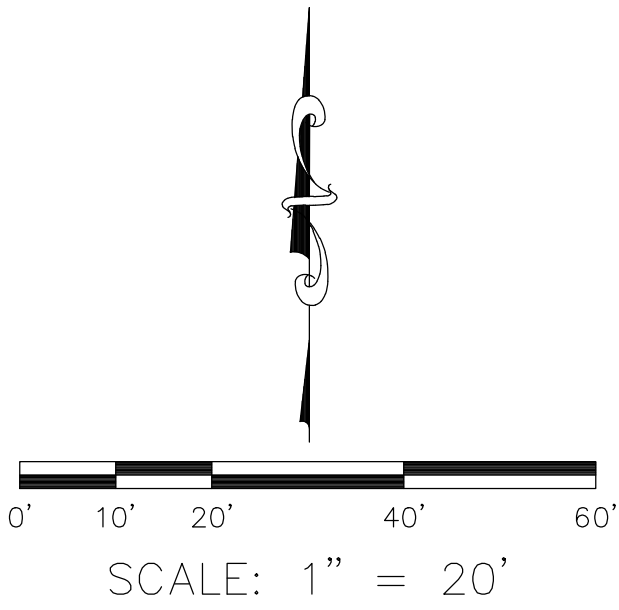
SYMBOL		LINE PATTERN KEY
	Backflow Preventer Device	Wall
	Control Box Cable TV	Edge of Concrete
	Control Box Electrical	Edge of Asphalt Pavement
	Control Box Irrigation	Fence Chainlink
	Control Box Telephone	Fence Wood
	Control Box Traffic	Fence Wrought Iron
	Control Box Undefined	Flowline
	Control Point	Guard Rail
	Drop Inlet	Hinge Point
	Fire Hydrant	Property Line
	Gate, Double	Retaining Wall
	Grate Inlet	Right of Way
	Light Pole, Single	Striping
	Mailbox	
	Manhole Electrical	
	Manhole Sewer	
	Manhole Storm Drain	
	Manhole Telephone	
	Manhole Undefined	
	Manhole Water	
	Meter Undefined	
	Meter Water	
	Monitoring Well	
	Pedestrian Activator	
	Pipe Inlet/Outlet	
	Post	
	Pull Box Cable TV	
	Pull Box Electrical	
	Pull Box Irrigation	
	Pull Box Telephone	
	Pull Box Traffic	
	Pull Box Undefined	
	Sewer Cleanout	
	Sign Post	
	Telephone Booth	
	Traffic Sensor	
	Traffic Signal w/ Light	
	Tree	
	Tree, Palm	
	Valve Gas	
	Valve Irrigation	
	Valve Water	
	Vault Cable TV	
	Vault Electrical	
	Vault Telephone	
	Vault Undefined	
	Vault Water	
	Vent Pipe	
	Yard Light	

AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass
	Gravel / Rip Rap

ABBREVIATION	
AC	Asphalt Concrete
CB	Catch Basin
CONC	Concrete
CP	Control Point
FD	Found



SEE SHEET 13



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				
			PETERS CANYON OC LOOP BIKEWAY - PART 2				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD				
			INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION				
MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 12 of 27	
			MAPPING		BY: A. VU		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. JOHNS		
REVISIONS			SCALE: 1" = 20'	W.O. #E018420	FILE #1920PW-PM0002		
			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG				

LEGEND

SYMBOL

- Backflow Preventer Device
- Control Box Cable TV
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Traffic
- Control Box Undefined
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Grate Inlet
- Light Pole, Single
- Mailbox
- Manhole Electrical
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Manhole Water
- Meter Undefined
- Meter Water
- Monitoring Well
- Pedestrian Activator
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sewer Cleanout
- Sign Post
- Telephone Booth
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Yard Light

LINE PATTERN KEY

- Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel / Rip Rap

ABBREVIATION

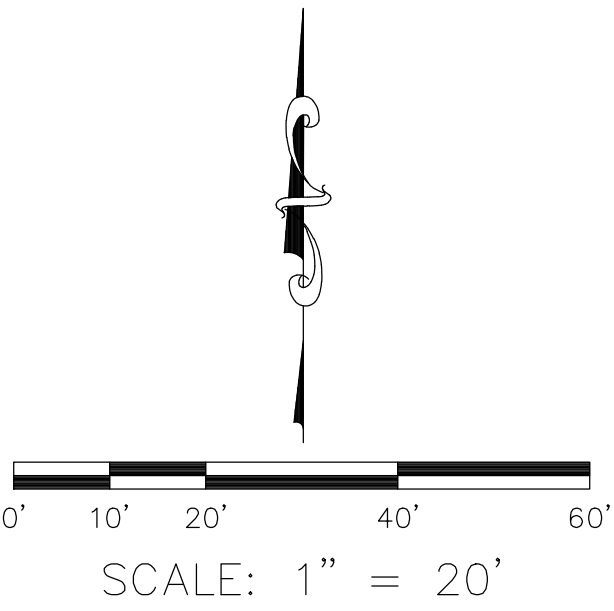
- AC Asphalt Concrete
- CB Catch Basin
- CONC Concrete
- CP Control Point
- FD Found

CEDAR GROVE PARK

SEE SHEET 14

SEE SHEET 12

CP# 569
SET MAG NAIL & TAG STAMPED
"ORANGE COUNTY SURVEYOR CP"
N: 2219905.74'
E: 6099643.28'
EL: 259.44'



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			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD			
			INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 13 of 27
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. JOHNS	
REVISIONS			SCALE: 1" = 20'	W.O. #E018420	FILE #1920PW-PM0002	
			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG			

LEGEND

SYMBOL

- Backflow Preventer Device
- Control Box Cable TV
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Traffic
- Control Box Undefined
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Grate Inlet
- Light Pole, Single
- Mailbox
- Manhole Electrical
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Manhole Water
- Meter Undefined
- Meter Water
- Monitoring Well
- Pedestrian Activator
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sewer Cleanout
- Sign Post
- Telephone Booth
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Yard Light

LINE PATTERN KEY

- Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel / Rip Rap

ABBREVIATION

- AC Asphalt Concrete
- CB Catch Basin
- CONC Concrete
- CP Control Point
- FD Found

SEE SHEET 15

CP# 567
SET MAG NAIL & TAG STAMPED
"ORANGE COUNTY SURVEYOR CP"
N: 2220345.92'
E: 6100226.11'
EL: 264.03'

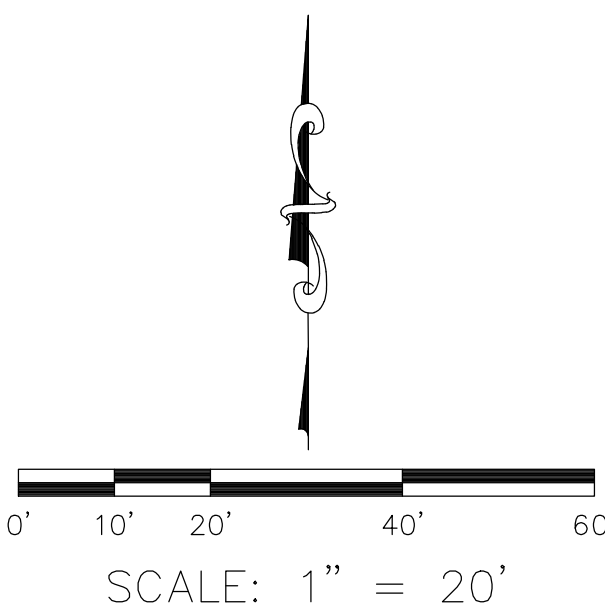
CEDAR GROVE PARK

SEE SHEET 13

CP# 568
FD GEAR SPIKE & TAG
STAMPED "RCE 23956"
N: 2220036.52'
E: 6099968.74'
EL: 261.58'

PIONEER RD

SCHWENDEMAN AVE



U.S. Survey Foot




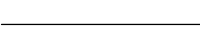

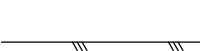







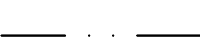

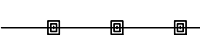

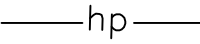







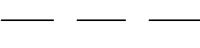




































OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping


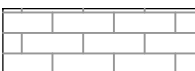
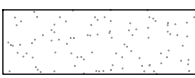

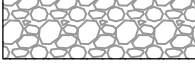
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD			
			INTERSECTION TO PIONEER RD AND JAMBORREE RD INTERSECTION			
MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 14 of 27
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. JOHNS	
REVISIONS			SCALE: 1" = 20'	W.O. #E018420	FILE #1920PW-PM0002	
			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG			

SEE SHEET 16

PETERS CANYON
ELEMENTARY SCHOOL

LEGEND

SYMBOL		LINE PATTERN KEY	
	Backflow Preventer Device		Wall
	Control Box Cable TV		Edge of Concrete
	Control Box Electrical		Edge of Asphalt Pavement
	Control Box Irrigation		Fence Chainlink
	Control Box Telephone		Fence Wood
	Control Box Traffic		Fence Wrought Iron
	Control Box Undefined		Flowline
	Control Point		Guard Rail
	Drop Inlet		Hinge Point
	Fire Hydrant		Property Line
	Gate, Double		Retaining Wall
	Grate Inlet		Right of Way
	Light Pole, Single		Striping
	Mailbox		
	Manhole Electrical		
	Manhole Sewer		
	Manhole Storm Drain		
	Manhole Telephone		
	Manhole Undefined		
	Manhole Water		
	Meter Undefined		
	Meter Water		
	Monitoring Well		
	Pedestrian Activator		
	Pipe Inlet/Outlet		
	Post		
	Pull Box Cable TV		
	Pull Box Electrical		
	Pull Box Irrigation		
	Pull Box Telephone		
	Pull Box Traffic		
	Pull Box Undefined		
	Sewer Cleanout		
	Sign Post		
	Telephone Booth		
	Traffic Sensor		
	Traffic Signal w/ Light		
	Tree		
	Tree, Palm		
	Valve Gas		
	Valve Irrigation		
	Valve Water		
	Vault Cable TV		
	Vault Electrical		
	Vault Telephone		
	Vault Undefined		
	Vault Water		
	Vent Pipe		
	Yard Light		

AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass
	Gravel / Rip Rap

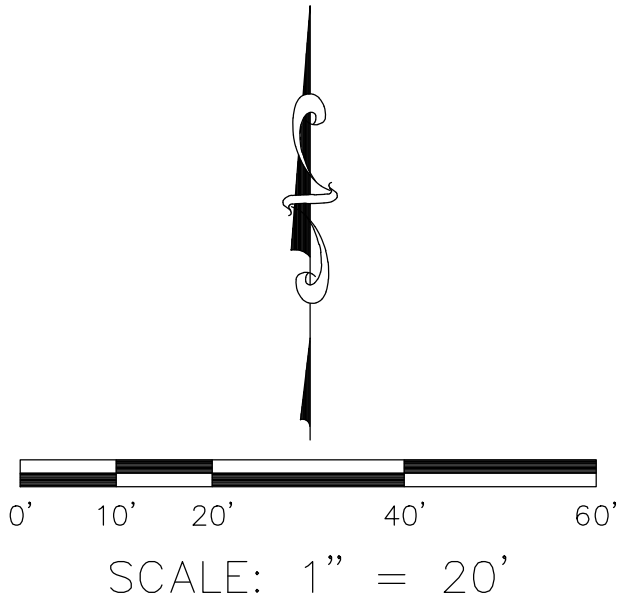
ABBREVIATION	
AC	Asphalt Concrete
CB	Catch Basin
CONC	Concrete
CP	Control Point
FD	Found

CP# 566
FD SPIKE & TAG
STAMPED "RCE 24701"
N: 2220762.80'
E: 6100289.95'
EL: 271.00'

BAXTER

SEE SHEET 14

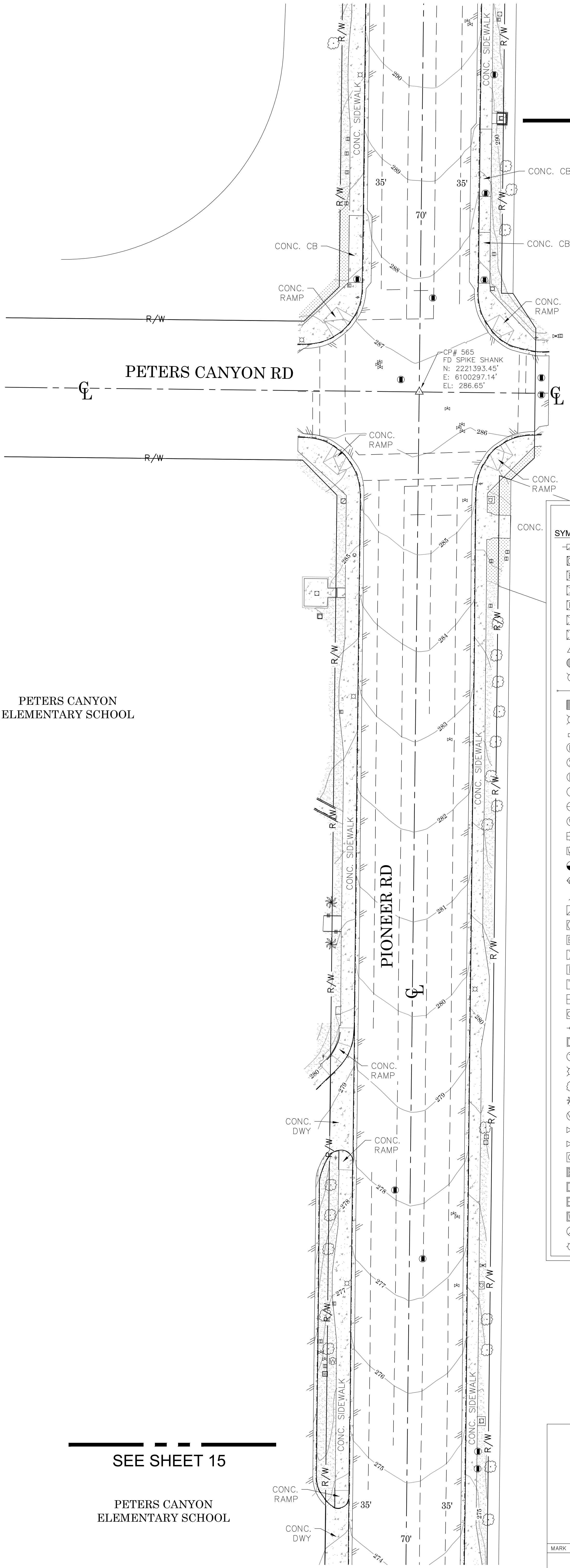
CP# 567
SET MAG NAIL & TAG STAMPED
"ORANGE COUNTY SURVEYOR CP"
N: 2220345.92'
E: 6100226.11'
EL: 264.03'



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			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD			
			INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW		SHEET NO. 15 of 27		
MAPPING		BY: A. VU				
OFFICE CHECK		BY: J. MORENO, PLS				
FIELD CHECK		BY: J. JOHNS				
MARK	DATE	ITEM	SCALE: 1" = 20'	W.O. #E018420	FILE #1920PW-PM0002	
REVISIONS			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG			



SEE SHEET 17

PETERS CANYON
ELEMENTARY SCHOOL

PETERS CANYON RD

FINLEY

PIONEER RD

SEE SHEET 15

PETERS CANYON
ELEMENTARY SCHOOL

LEGEND

SYMBOL

- Backflow Preventer Device
- Control Box Cable TV
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Traffic
- Control Box Undefined
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Grate Inlet
- Light Pole, Single
- Mailbox
- Manhole Electrical
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Manhole Water
- Meter Undefined
- Meter Water
- Monitoring Well
- Pedestrian Activator
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sewer Cleanout
- Sign Post
- Telephone Booth
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Yard Light

LINE PATTERN KEY

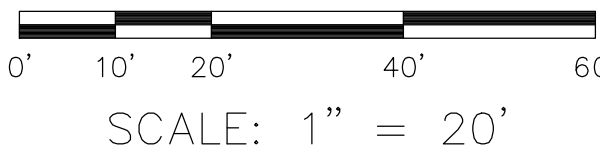
- Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel / Rip Rap

ABBREVIATION

- AC Asphalt Concrete
- CB Catch Basin
- CONC Concrete
- CP Control Point
- FD Found



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		
PETERS CANYON OC LOOP BIKEWAY - PART 2		
TOPOGRAPHIC MAP		
PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD		
INTERSECTION TO PIONEER RD AND JAMBORREE RD INTERSECTION		
DATE OF SURVEY: 5/29/2020	BY: J. JOHNS & CREW	SHEET NO. 16 of 27
MAPPING	BY: A. VU	
OFFICE CHECK	BY: J. MORENO, PLS	
FIELD CHECK	BY: J. JOHNS	
SCALE: 1" = 20'	W.O. #E018420	FILE #1920PW-PM0002
FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG		
MARK	DATE	ITEM
REVISIONS		

SEE SHEET 18

CP# 564
SET MAG NAIL & TAG STAMPED
"ORANGE COUNTY SURVEYOR CP"
N: 2221888.16'
E: 6100312.94'
EL: 299.22'

LEGEND

SYMBOL	LINE PATTERN KEY	
		Wall
		Edge of Concrete
		Edge of Asphalt Pavement
		Fence Chainlink
		Fence Wood
		Fence Wrought Iron
		Flowline
		Guard Rail
		Hinge Point
		Property Line
		Retaining Wall
		Right of Way
		Striping

AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass
	Gravel / Rip Rap

ABBREVIATION	
AC	Asphalt Concrete
CB	Catch Basin
CONC	Concrete
CP	Control Point
FD	Found



0' 10' 20' 40' 60'
SCALE: 1" = 20'

U.S. Survey
Foot

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

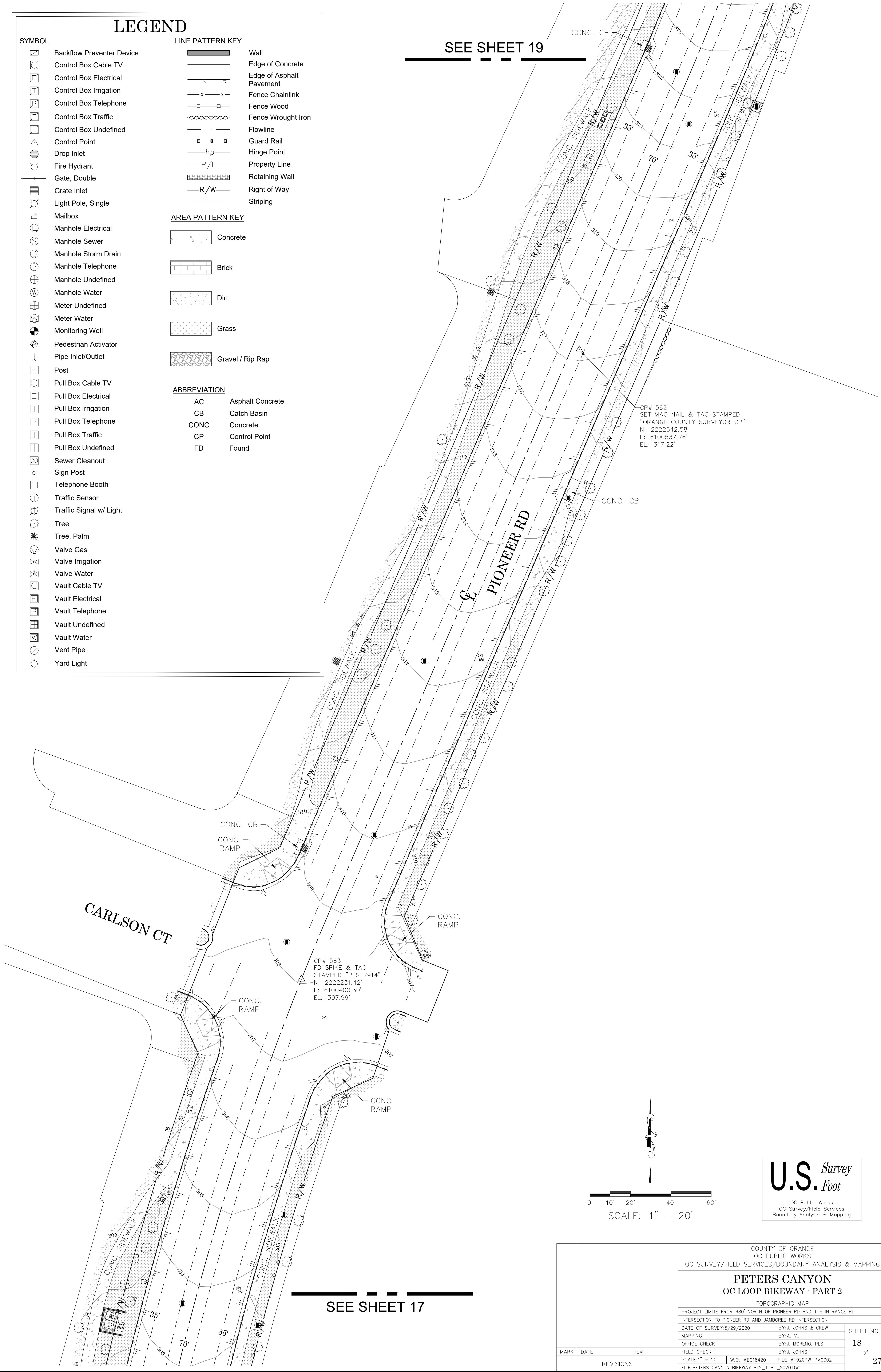
SEE SHEET 16

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			PETERS CANYON OC LOOP BIKEWAY - PART 2		
			TOPOGRAPHIC MAP		
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION		
			DATE OF SURVEY: 5/29/2020	BY: J. JOHNS & CREW	SHEET NO. 17 of 27
			MAPPING	BY: A. VU	
			OFFICE CHECK	BY: J. MORENO, PLS	
			FIELD CHECK	BY: J. JOHNS	
MARK	DATE	ITEM	SCALE: 1" = 20'	W.O. #E018420	FILE #1920PW-PM0002
REVISIONS			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG		

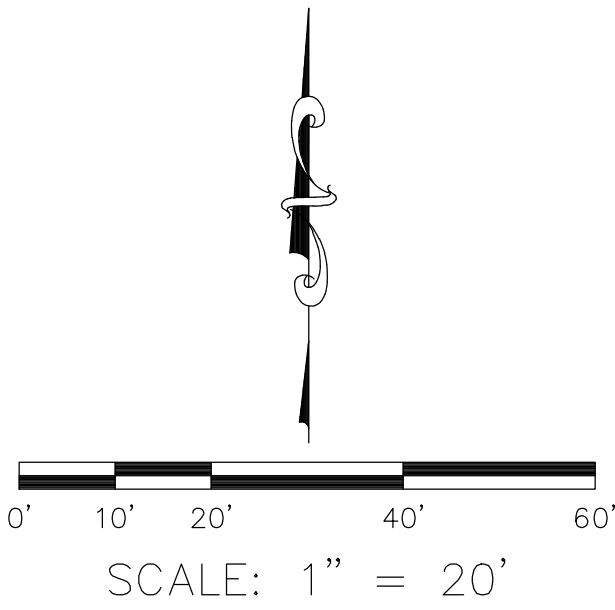
LEGEND

SYMBOL	LINE PATTERN KEY	AREA PATTERN KEY	ABBREVIATION
			AC Asphalt Concrete
			CB Catch Basin
			CONC Concrete
			CP Control Point
			FD Found

SEE SHEET 19



SEE SHEET 17



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			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
			DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. JOHNS	
			SCALE: 1" = 20'		W.O. #E018420	
					FILE #1920PW-PM0002	
REVISIONS			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG			
MARK	DATE	ITEM	SHEET NO. 18 of 27			

SEE SHEET 20

LEGEND

SYMBOL

- Backflow Preventer Device
- Control Box Cable TV
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Traffic
- Control Box Undefined
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Grate Inlet
- Light Pole, Single
- Mailbox
- Manhole Electrical
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Manhole Water
- Meter Undefined
- Meter Water
- Monitoring Well
- Pedestrian Activator
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sewer Cleanout
- Sign Post
- Telephone Booth
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Yard Light

LINE PATTERN KEY

- Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel / Rip Rap

ABBREVIATION

- AC Asphalt Concrete
- CB Catch Basin
- CONC Concrete
- CP Control Point
- FD Found

CP # 560
SET MAG NAIL & TAG STAMPED
"ORANGE COUNTY SURVEYOR CP"
N: 2223227.36'
E: 6100738.05'
EL: 345.27'

DAVIS DR

PIONEER RD

PLUMB DR

CP # 561
FD SPIKE SHANK
N: 2222813.35'
E: 6100642.14'
EL: 328.42'

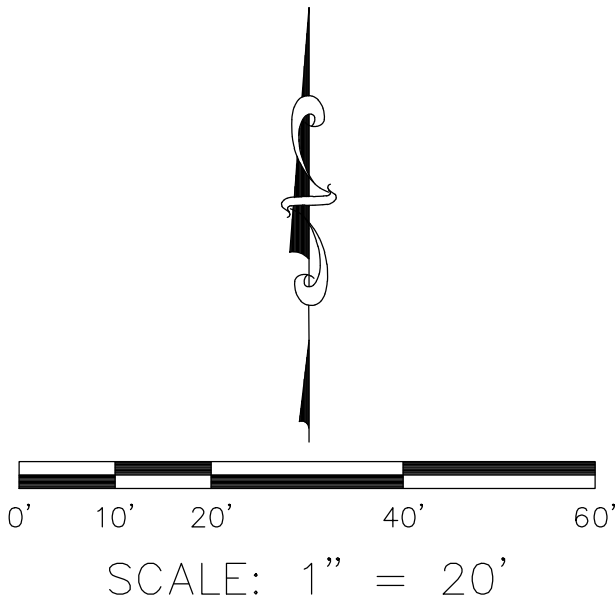
CONC. CB

CONC. RAMP

CONC. RAMP

CONC. RAMP

SEE SHEET 18



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			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
			DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. JOHNS	
			SCALE: 1" = 20'		W.O. #E018420	
			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG		FILE # 1920PW-PM0002	
MARK	DATE	ITEM	REVISIONS			

SHEET NO. 19 of 27

SEE SHEET 21

CP# 558
MAG NAIL & TAG
STAMPED
"ORANGE COUNTY
SURVEYOR CP"
N: 2223858.00'
E: 6101063.63'
EL: 354.43'

CP# 559
FD GEAR SPIKE &
ILLEGIBLE TAG
N: 2223693.13'
E: 6100939.95'
EL: 352.35'

ROGUE RIVER BEND

BRAND DR

PIONEER RD

LEGEND

SYMBOL

- Backflow Preventer Device
- Control Box Cable TV
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Traffic
- Control Box Undefined
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Grate Inlet
- Light Pole, Single
- Mailbox
- Manhole Electrical
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Manhole Water
- Meter Undefined
- Meter Water
- Monitoring Well
- Pedestrian Activator
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sewer Cleanout
- Sign Post
- Telephone Booth
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Yard Light

LINE PATTERN KEY

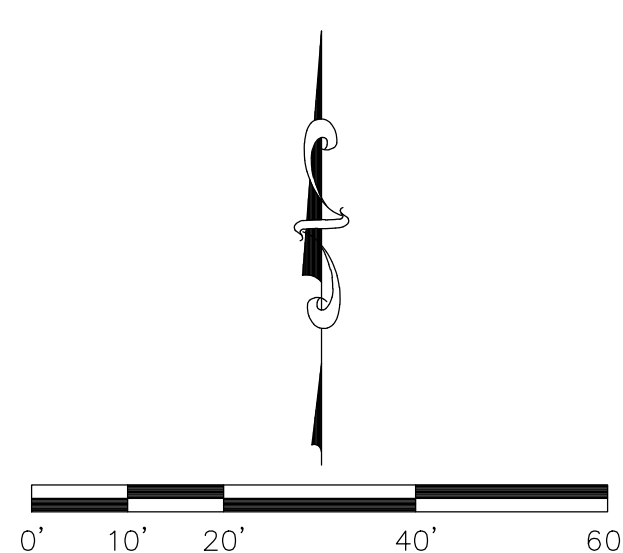
- Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel / Rip Rap

ABBREVIATION

- AC Asphalt Concrete
- CB Catch Basin
- CONC Concrete
- CP Control Point
- FD Found



SCALE: 1" = 20'

U.S. Survey Foot

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

CP# 560
SET MAG NAIL & TAG STAMPED
"ORANGE COUNTY SURVEYOR CP"
N: 2223227.36'
E: 6100738.05'
EL: 345.27'

SEE SHEET 19

DAVIS DR

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
PETERS CANYON OC LOOP BIKEWAY - PART 2		
TOPOGRAPHIC MAP		
PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD INTERSECTION TO PIONEER RD AND JAMBORREE RD INTERSECTION		
DATE OF SURVEY: 5/29/2020	BY: J. JOHNS & CREW	SHEET NO. 20 of 27
MAPPING	BY: A. VU	
OFFICE CHECK	BY: J. MORENO, PLS	
FIELD CHECK	BY: J. JOHNS	
SCALE: 1" = 20'	W.O. #E018420	FILE # 1920PW-PM0002
FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG		

MARK	DATE	ITEM
REVISIONS		

LEGEND

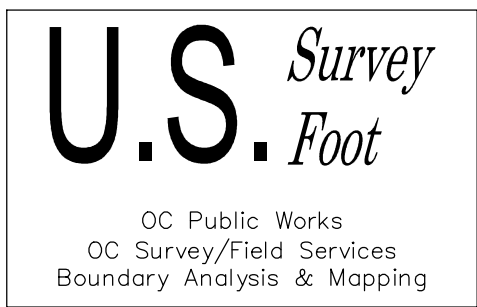
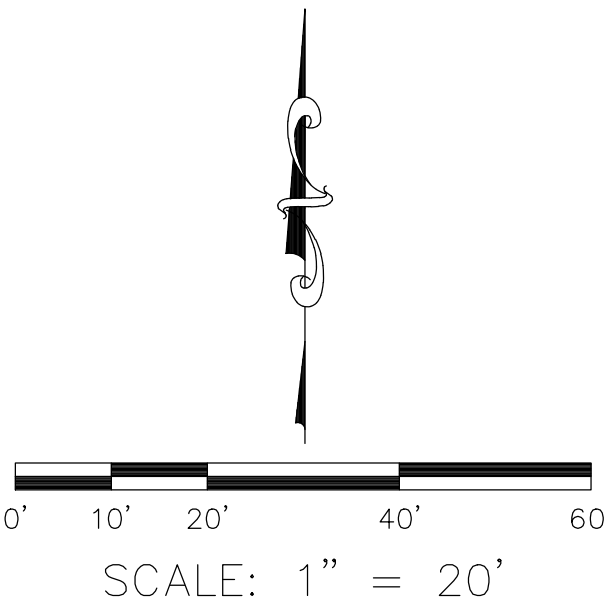
SYMBOL		LINE PATTERN KEY
	Backflow Preventer Device	Wall
	Control Box Cable TV	Edge of Concrete
	Control Box Electrical	Edge of Asphalt Pavement
	Control Box Irrigation	Fence Chainlink
	Control Box Telephone	Fence Wood
	Control Box Traffic	Fence Wrought Iron
	Control Box Undefined	Flowline
	Control Point	Guard Rail
	Drop Inlet	Hinge Point
	Fire Hydrant	Property Line
	Gate, Double	Retaining Wall
	Grate Inlet	Right of Way
	Light Pole, Single	Striping
	Mailbox	
	Manhole Electrical	
	Manhole Sewer	
	Manhole Storm Drain	
	Manhole Telephone	
	Manhole Undefined	
	Manhole Water	
	Meter Undefined	
	Meter Water	
	Monitoring Well	
	Pedestrian Activator	
	Pipe Inlet/Outlet	
	Post	
	Pull Box Cable TV	
	Pull Box Electrical	
	Pull Box Irrigation	
	Pull Box Telephone	
	Pull Box Traffic	
	Pull Box Undefined	
	Sewer Cleanout	
	Sign Post	
	Telephone Booth	
	Traffic Sensor	
	Traffic Signal w/ Light	
	Tree	
	Tree, Palm	
	Valve Gas	
	Valve Irrigation	
	Valve Water	
	Vault Cable TV	
	Vault Electrical	
	Vault Telephone	
	Vault Undefined	
	Vault Water	
	Vent Pipe	
	Yard Light	

AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass
	Gravel / Rip Rap

ABBREVIATION	
AC	Asphalt Concrete
CB	Catch Basin
CONC	Concrete
CP	Control Point
FD	Found

SEE SHEET 22

SEE SHEET 20



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PETERS CANYON OC LOOP BIKEWAY - PART 2				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD				
			INTERSECTION TO PIONEER RD AND JAMBORREE RD INTERSECTION				
MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 21 of 27	
			MAPPING		BY: A. VU		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. JOHNS		
REVISIONS			SCALE: 1" = 20'	W.O. #E018420	FILE # 1920PW-PM0002		
			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG				

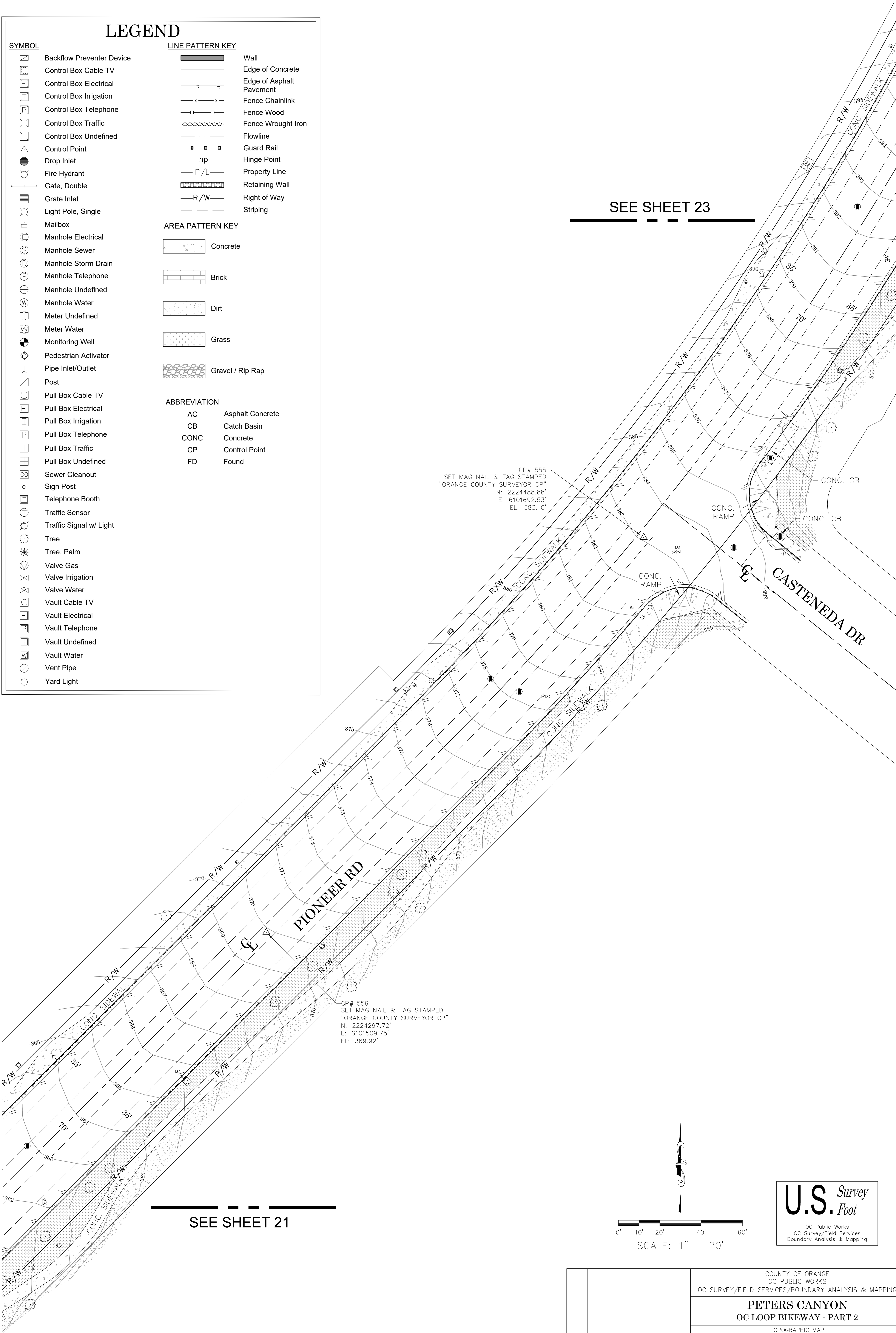
LEGEND

SYMBOL		LINE PATTERN KEY
	Backflow Preventer Device	Wall
	Control Box Cable TV	Edge of Concrete
	Control Box Electrical	Edge of Asphalt Pavement
	Control Box Irrigation	Fence Chainlink
	Control Box Telephone	Fence Wood
	Control Box Traffic	Fence Wrought Iron
	Control Box Undefined	Flowline
	Control Point	Guard Rail
	Drop Inlet	Hinge Point
	Fire Hydrant	Property Line
	Gate, Double	Retaining Wall
	Grate Inlet	Right of Way
	Light Pole, Single	Striping
	Mailbox	
	Manhole Electrical	
	Manhole Sewer	
	Manhole Storm Drain	
	Manhole Telephone	
	Manhole Undefined	
	Manhole Water	
	Meter Undefined	
	Meter Water	
	Monitoring Well	
	Pedestrian Activator	
	Pipe Inlet/Outlet	
	Post	
	Pull Box Cable TV	
	Pull Box Electrical	
	Pull Box Irrigation	
	Pull Box Telephone	
	Pull Box Traffic	
	Pull Box Undefined	
	Sewer Cleanout	
	Sign Post	
	Telephone Booth	
	Traffic Sensor	
	Traffic Signal w/ Light	
	Tree	
	Tree, Palm	
	Valve Gas	
	Valve Irrigation	
	Valve Water	
	Vault Cable TV	
	Vault Electrical	
	Vault Telephone	
	Vault Undefined	
	Vault Water	
	Vent Pipe	
	Yard Light	

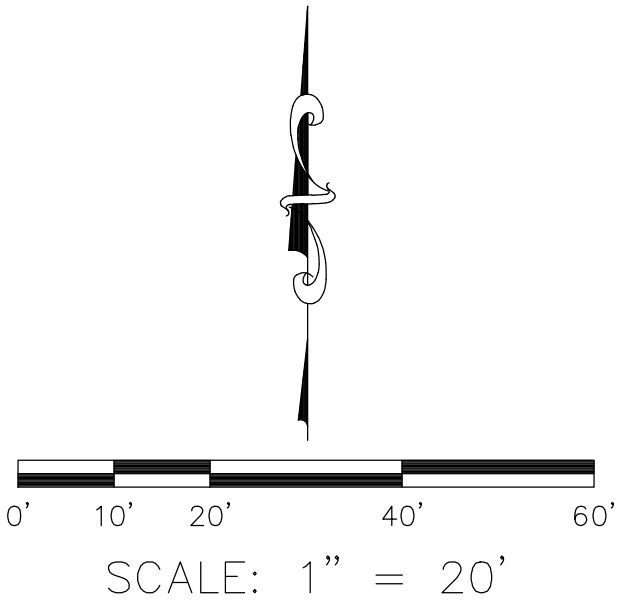
AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass
	Gravel / Rip Rap

ABBREVIATION	
AC	Asphalt Concrete
CB	Catch Basin
CONC	Concrete
CP	Control Point
FD	Found

SEE SHEET 23



SEE SHEET 21






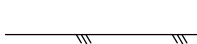







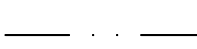

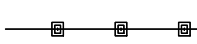

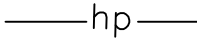



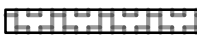











































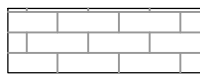
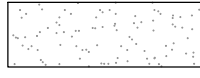

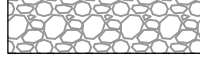
U.S. Survey
Foot

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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PETERS CANYON OC LOOP BIKEWAY - PART 2				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD				
			INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION				
MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	SHEET NO. 22 of 27	
			MAPPING		BY: A. VU		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. JOHNS		
REVISIONS			SCALE: 1" = 20'	W.O. #E018420	FILE #1920PW-PM0002		
			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG				

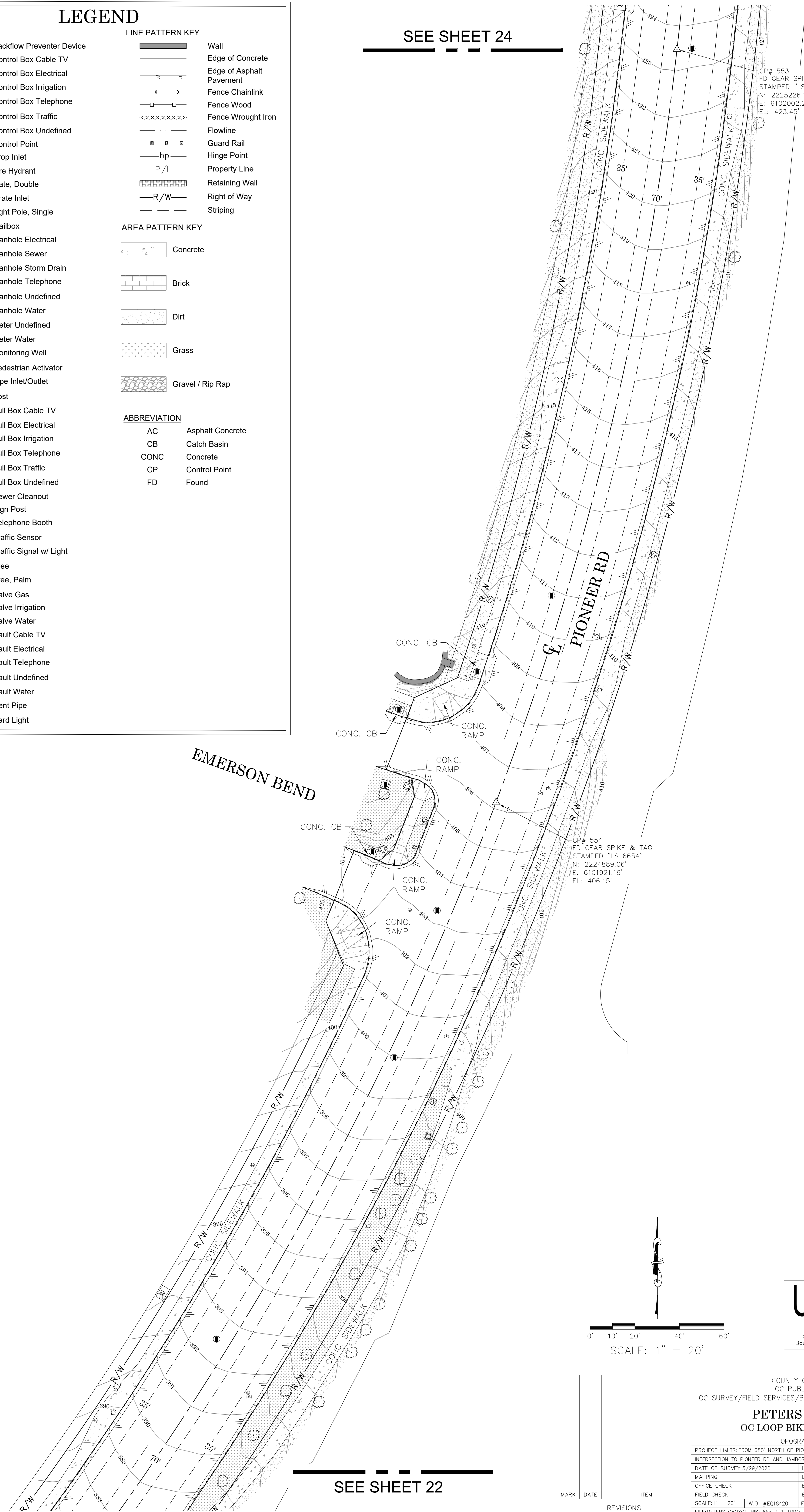
LEGEND

SYMBOL		LINE PATTERN KEY	
	Backflow Preventer Device		Wall
	Control Box Cable TV		Edge of Concrete
	Control Box Electrical		Edge of Asphalt Pavement
	Control Box Irrigation		Fence Chainlink
	Control Box Telephone		Fence Wood
	Control Box Traffic		Fence Wrought Iron
	Control Box Undefined		Flowline
	Control Point		Guard Rail
	Drop Inlet		Hinge Point
	Fire Hydrant		Property Line
	Gate, Double		Retaining Wall
	Grate Inlet		Right of Way
	Light Pole, Single		Striping
	Mailbox		
	Manhole Electrical		
	Manhole Sewer		
	Manhole Storm Drain		
	Manhole Telephone		
	Manhole Undefined		
	Manhole Water		
	Meter Undefined		
	Meter Water		
	Monitoring Well		
	Pedestrian Activator		
	Pipe Inlet/Outlet		
	Post		
	Pull Box Cable TV		
	Pull Box Electrical		
	Pull Box Irrigation		
	Pull Box Telephone		
	Pull Box Traffic		
	Pull Box Undefined		
	Sewer Cleanout		
	Sign Post		
	Telephone Booth		
	Traffic Sensor		
	Traffic Signal w/ Light		
	Tree		
	Tree, Palm		
	Valve Gas		
	Valve Irrigation		
	Valve Water		
	Vault Cable TV		
	Vault Electrical		
	Vault Telephone		
	Vault Undefined		
	Vault Water		
	Vent Pipe		
	Yard Light		

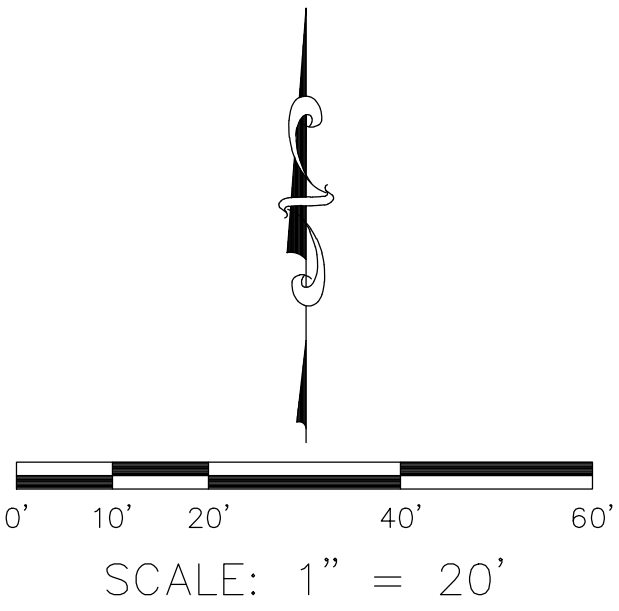
AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass
	Gravel / Rip Rap

ABBREVIATION	
AC	Asphalt Concrete
CB	Catch Basin
CONC	Concrete
CP	Control Point
FD	Found

SEE SHEET 24



SEE SHEET 22



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	
		PETERS CANYON OC LOOP BIKEWAY - PART 2	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND JUSTIN RANGE RD	
		INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION	
		DATE OF SURVEY: 5/29/2020	BY: J. JOHNS & CREW
		MAPPING	BY: A. VU
		OFFICE CHECK	BY: J. MORENO, PLS
		FIELD CHECK	BY: J. JOHNS
		SCALE: 1" = 20'	W.O. #E018420
		FILE #1920PW-PM0002	
		FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG	
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.
23
of
27

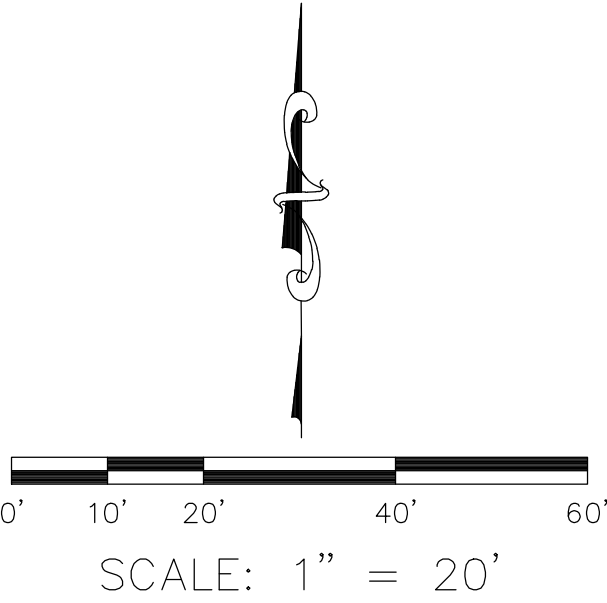
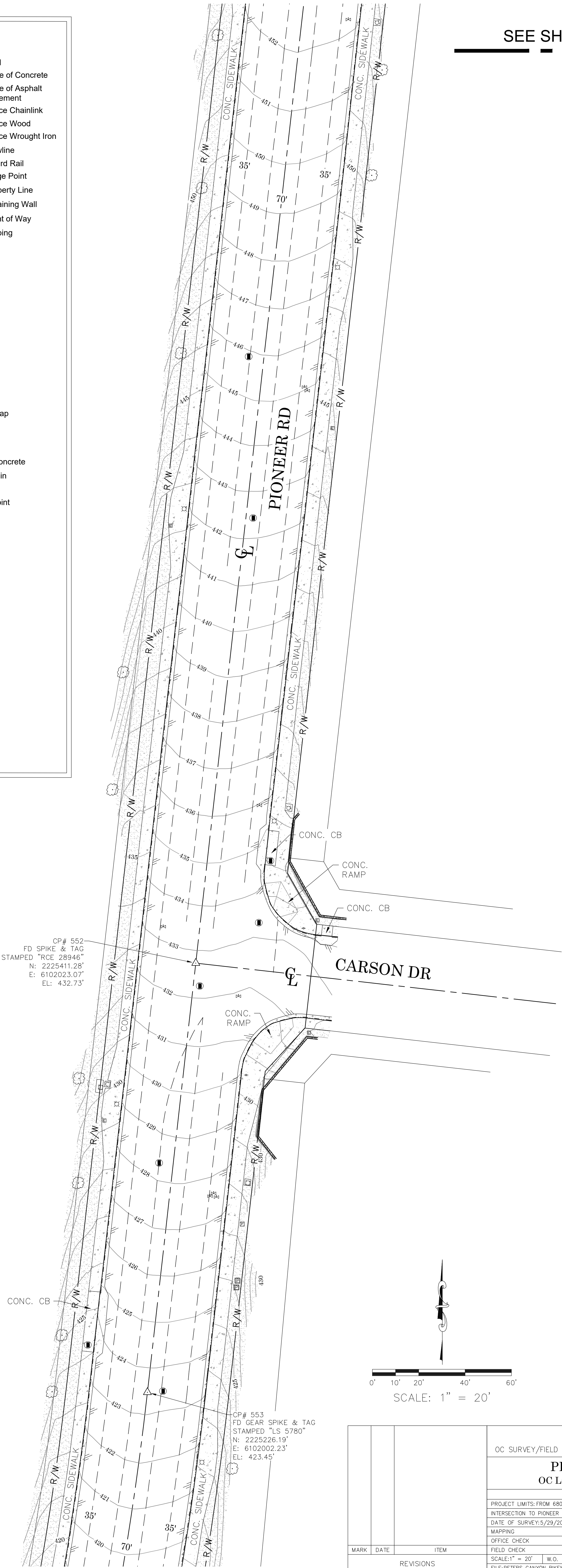
LEGEND

SYMBOL	LINE PATTERN KEY
	Wall
	Edge of Concrete
	Edge of Asphalt Pavement
	Fence Chainlink
	Fence Wood
	Fence Wrought Iron
	Flowline
	Guard Rail
	Hinge Point
	Property Line
	Retaining Wall
	Right of Way
	Striping

AREA PATTERN KEY
Concrete
Brick
Dirt
Grass
Gravel / Rip Rap

ABBREVIATION	
AC	Asphalt Concrete
CB	Catch Basin
CONC	Concrete
CP	Control Point
FD	Found

SEE SHEET 25



U.S. Survey Foot

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

SEE SHEET 23

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PETERS CANYON OC LOOP BIKEWAY - PART 2			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION			
			DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW	
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. JOHNS	
MARK	DATE	ITEM	SCALE: 1" = 20'		W.O. #E018420	FILE #1920PW-PM0002
REVISIONS			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG			

SHEET NO. 24 of 27

SEE SHEET 26

CP# 550
SET MAG NAIL & TAG STAMPED
"ORANGE COUNTY SURVEYOR CP"
N: 2226259.01'
E: 6102181.99'
EL: 461.81'

PIONEER ROAD PARK

LEGEND

SYMBOL

- Backflow Preventer Device
- Control Box Cable TV
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Traffic
- Control Box Undefined
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Grate Inlet
- Light Pole, Single
- Mailbox
- Manhole Electrical
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Manhole Water
- Meter Undefined
- Meter Water
- Monitoring Well
- Pedestrian Activator
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sewer Cleanout
- Sign Post
- Telephone Booth
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Yard Light

LINE PATTERN KEY

- Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping

AREA PATTERN KEY

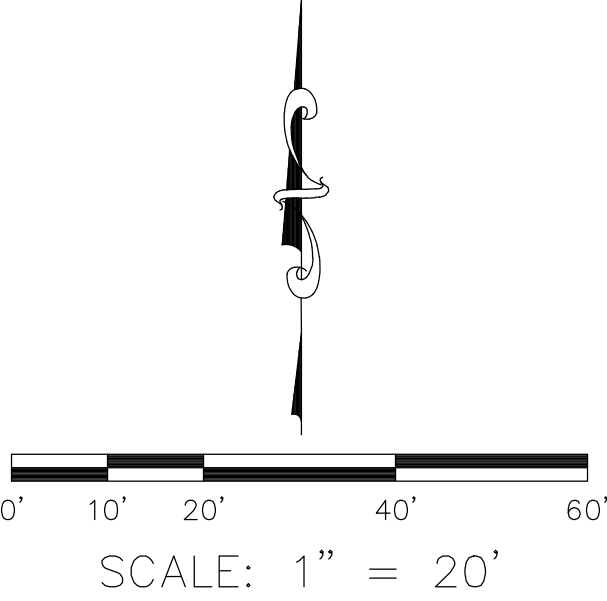
- Concrete
- Brick
- Dirt
- Grass
- Gravel / Rip Rap

ABBREVIATION

- AC Asphalt Concrete
- CB Catch Basin
- CONC Concrete
- CP Control Point
- FD Found

CP# 551
SET MAG NAIL & TAG STAMPED
"ORANGE COUNTY SURVEYOR CP"
N: 2225887.17'
E: 6102073.98'
EL: 454.36'

SEE SHEET 24



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		
		PETERS CANYON OC LOOP BIKEWAY - PART 2		
		TOPOGRAPHIC MAP		
		PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD INTERSECTION TO PIONEER RD AND JAMBOREE RD INTERSECTION		
DATE OF SURVEY: 5/29/2020		BY: J. JOHNS & CREW		SHEET NO. 25 of 27
MAPPING		BY: A. VU		
OFFICE CHECK		BY: J. MORENO, PLS		
FIELD CHECK		BY: J. JOHNS		
SCALE: 1" = 20'		W.O. #E018420		FILE #1920PW-PM0002
REVISIONS		FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG		

LEGEND

SYMBOL

 Backflow Preventer Device
 Control Box Cable TV
 Control Box Electrical
 Control Box Irrigation
 Control Box Telephone
 Control Box Traffic
 Control Box Undefined
 Control Point
 Drop Inlet
 Fire Hydrant
 Gate, Double
 Grate Inlet
 Light Pole, Single
 Mailbox
 Manhole Electrical
 Manhole Sewer
 Manhole Storm Drain
 Manhole Telephone
 Manhole Undefined
 Manhole Water
 Meter Undefined
 Meter Water
 Monitoring Well
 Pedestrian Activator
 Pipe Inlet/Outlet
 Post
 Pull Box Cable TV
 Pull Box Electrical
 Pull Box Irrigation
 Pull Box Telephone
 Pull Box Traffic
 Pull Box Undefined
 Sewer Cleanout
 Sign Post
 Telephone Booth
 Traffic Sensor
 Traffic Signal w/ Light
 Tree
 Tree, Palm
 Valve Gas
 Valve Irrigation
 Valve Water
 Vault Cable TV
 Vault Electrical
 Vault Telephone
 Vault Undefined
 Vault Water
 Vent Pipe
 Yard Light

LINE PATTERN KEY

 Wall
 Edge of Concrete
 Edge of Asphalt Pavement
 Fence Chainlink
 Fence Wood
 Fence Wrought Iron
 Flowline
 Guard Rail
 Hinge Point
 Property Line
 Retaining Wall
 Right of Way
 Striping

AREA PATTERN KEY

 Concrete
 Brick
 Dirt
 Grass
 Gravel / Rip Rap

ABBREVIATION

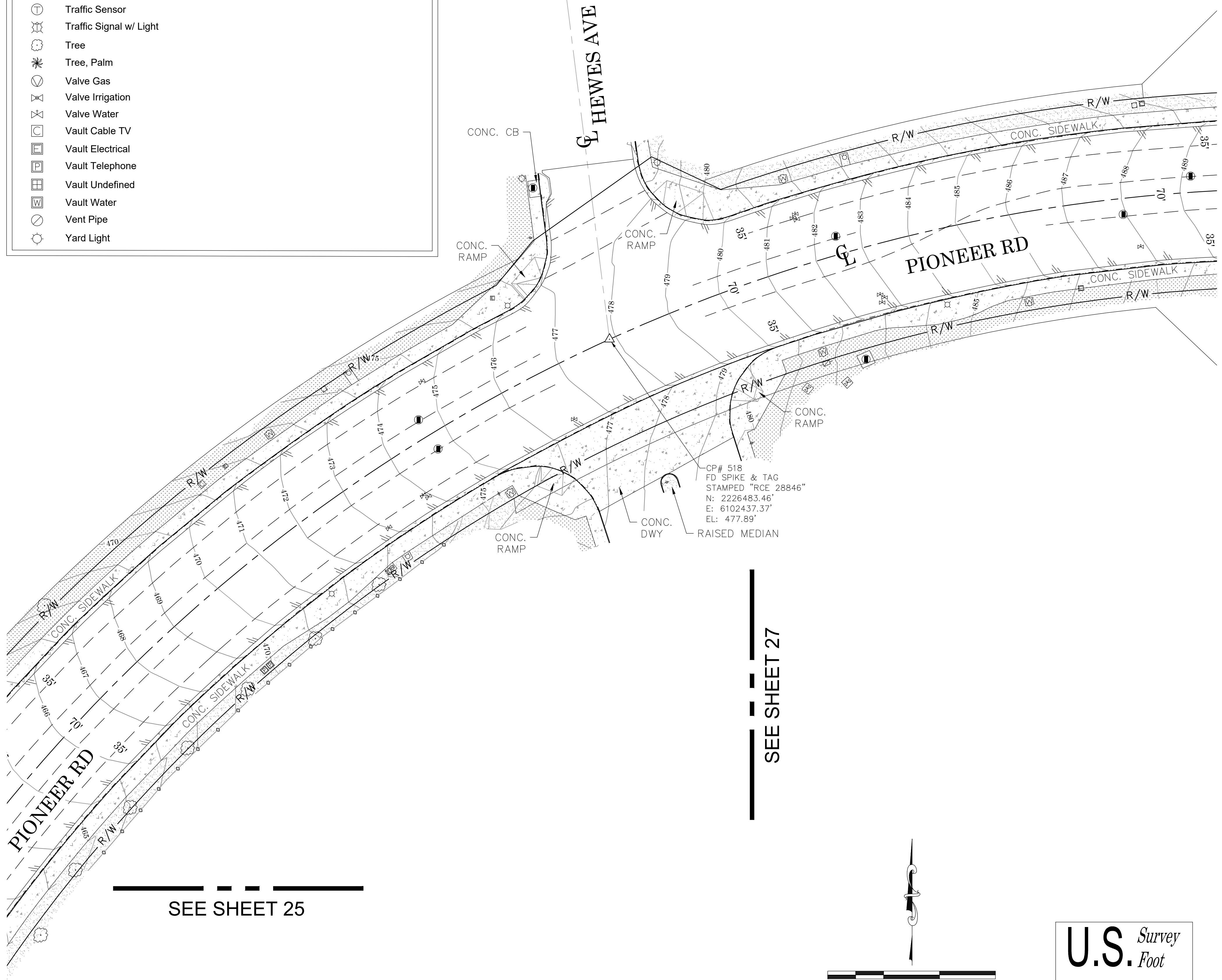
AC Asphalt Concrete

CB Catch Basin

CONC Concrete

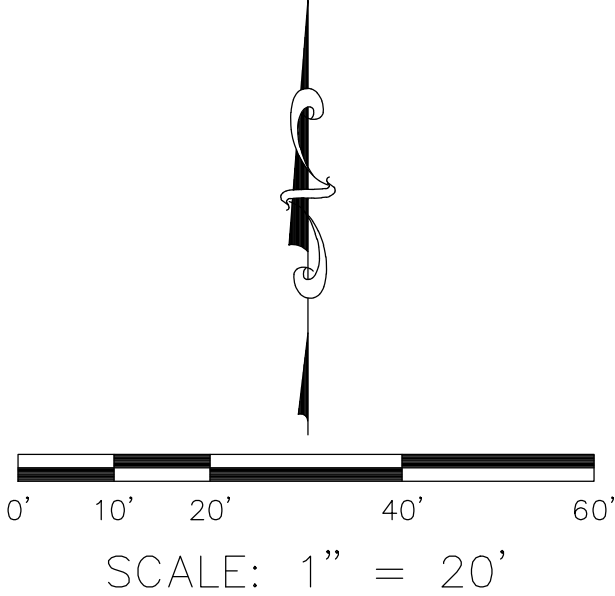
CP Control Point

FD Found



SEE SHEET 25

SEE SHEET 27



U.S. *Survey*
Foot

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

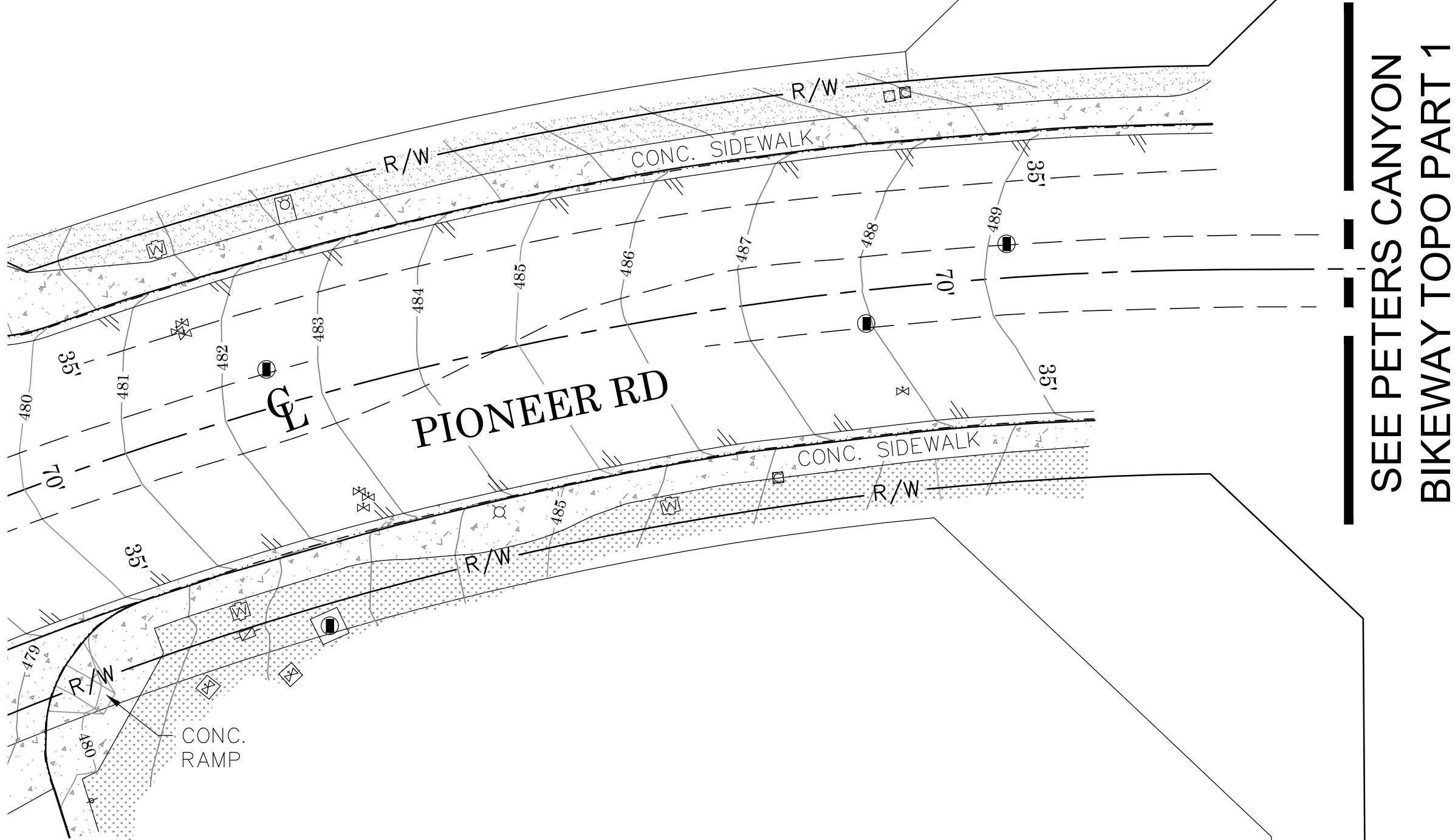
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			PETERS CANYON OC LOOP BIKEWAY - PART 2		
			TOPOGRAPHIC MAP		
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD		
			INTERSECTION TO PIONEER RD AND JAMBORREE RD INTERSECTION		
		DATE OF SURVEY: 5/29/2020	BY: J. JOHNS & CREW	SHEET NO. 26 of 27	
		MAPPING	BY: A. VU		
		OFFICE CHECK	BY: J. MORENO, PLS		
		FIELD CHECK	BY: J. JOHNS		
MARK	DATE	ITEM	SCALE: 1" = 20'	W.O. #E018420	FILE #1920PW-PM0002
REVISIONS			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG		

LEGEND

SYMBOL	LINE PATTERN KEY	
		Wall
		Edge of Concrete
		Edge of Asphalt Pavement
		Fence Chainlink
		Fence Wood
		Fence Wrought Iron
		Flowline
		Guard Rail
		Hinge Point
		Property Line
		Retaining Wall
		Right of Way
		Striping

AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass
	Gravel / Rip Rap

ABBREVIATION	
AC	Asphalt Concrete
CB	Catch Basin
CONC	Concrete
CP	Control Point
FD	Found



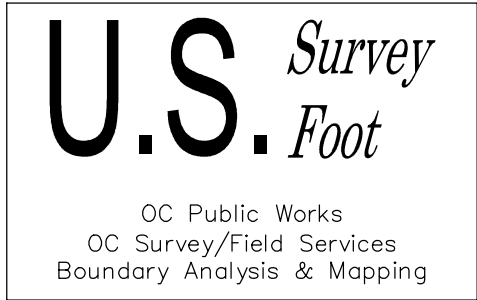
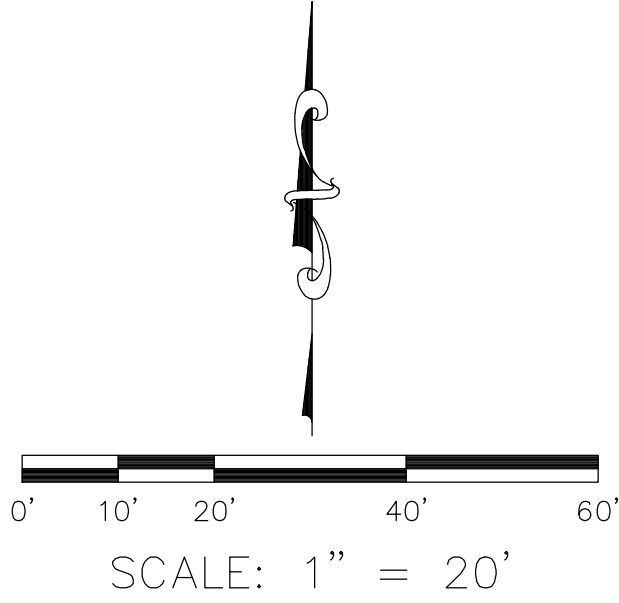
SEE SHEET 26

SEE PETERS CANYON
BIKEWAY TOPO PART 1

JAMBOREE RD

CP

CP# 515
FD GEAR SPIKE & TAG
STAMPED "LS 5411"
N: 2226537.92'
E: 6102765.99'
EL: 492.39'



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			PETERS CANYON OC LOOP BIKEWAY - PART 2	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: FROM 680' NORTH OF PIONEER RD AND TUSTIN RANGE RD	
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MARK	DATE	ITEM	DATE OF SURVEY: 5/29/2020	BY: J. JOHNS & CREW
			MAPPING	BY: A. VU
			OFFICE CHECK	BY: J. MORENO, PLS
			FIELD CHECK	BY: J. JOHNS
REVISIONS			SCALE: 1" = 20'	W.O. #E018420
			FILE: PETERS CANYON BIKEWAY PT2_TOPO_2020.DWG	
				SHEET NO. 27 of 27