

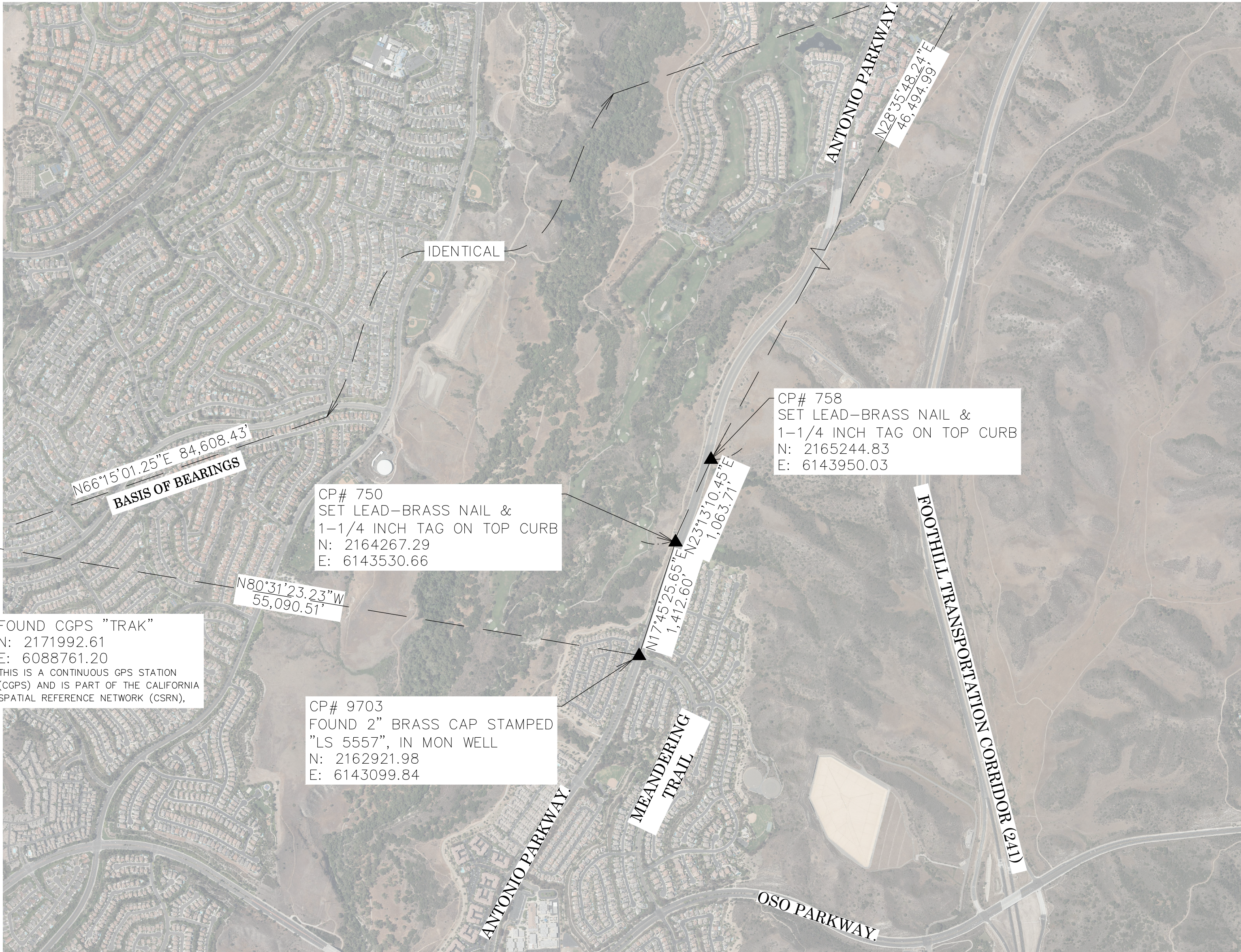
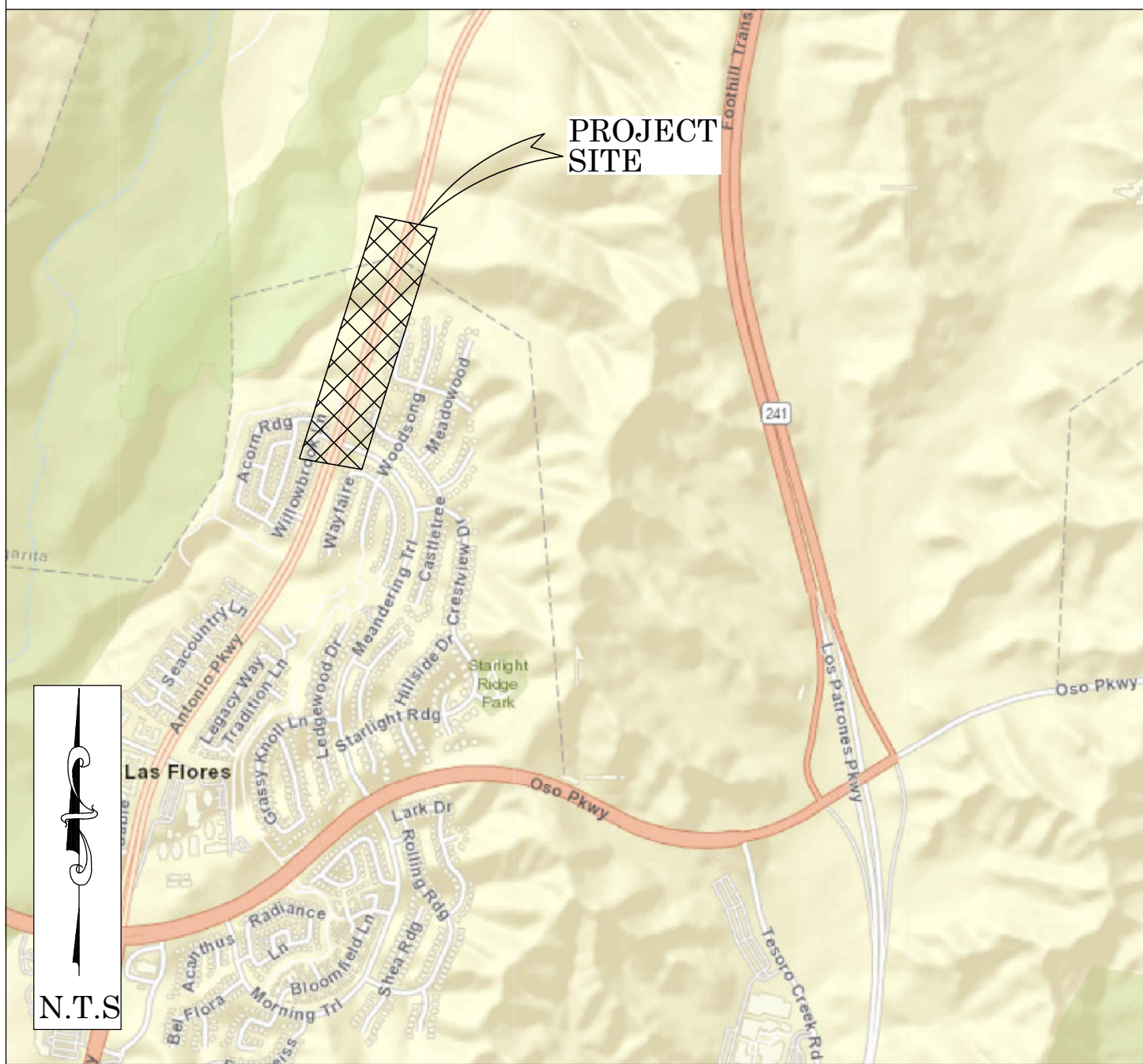


OC PUBLIC WORKS DEPARTMENT
KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS



ANTONIO PARKWAY
GATEWAY IMPROVEMENTS

LOCATION MAP



FOUND CGPS "MJPK"
N: 2206067.91
E: 6166204.47
THIS IS A CONTINUOUS GPS STATION
(CGPS) AND IS PART OF THE CALIFORNIA
SPATIAL REFERENCE NETWORK (CSRN).

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONSAND (TRAK) AND (MJPK) BEING NORTH 66°15'01.25" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRN) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.
ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00006321.

THIS COMBINATION FACTOR WAS HELD AT: CP# 9708
N: 2164593.79 E: 6143702.80 EL: 698.70'

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

VERTICAL DATUM

O.C.S. BM. 3EE-26-92 ELEV. = 584.747' YEAR LEVELED: 1995
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3EE-26-92" SET FLUSH AT THE SOUTH EAST CORNER OF A 4 FT. BY 5 FT. CATCH BASIN. MONUMENT IS LOCATED 5 FT. EASTERLY OF THE EASTERLY CURB FACE ALONG ANTONIO, IN THE NORTHEAST CORNER OF ANTONIO PARKWAY AND OSO PARKWAY, 44 FT. EASTERLY OF CENTERLINE OF ANTONIO PARKWAY, 200 FT. NORTHERLY OF CENTERLINE OF OSO PARKWAY. MONUMENT IS SET LEVEL WITH THE SIDEWALK.

NOTES

THE EXISTING ROAD SURFACE WAS DERIVED BY COMBINING UAV PHOTOGRAMMETRY DATA AND TERRESTRIAL SCAN DATA. CONVENTIONAL TOPOGRAPHICAL SURVEYING TECHNIQUES WERE USED TO COLLECT THE SIDEWALK, CURB, GUTTER AND V-DITCHES.

THE RIGHT-OF-WAY SHOWN WAS ESTABLISHED FROM RECOVERED CENTERLINE MONUMENTS AND DERIVED FROM RECORD MAPS AND DOCUMENTS; HOWEVER, A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED OR OBTAINED.

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET
SHEETS 2-6	TOPOGRAPHIC MAP

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT ALONG THIS PORTION OF ANTONIO PARKWAY.

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 13 DAY OF MAY, 2025.

DocuSigned by:
Elliott Medina
F9FB7F1C8725453

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 13 DAY OF MAY, 2025.

DocuSigned by:
Tate Loggreen
F93B7A6B1F3C4C3

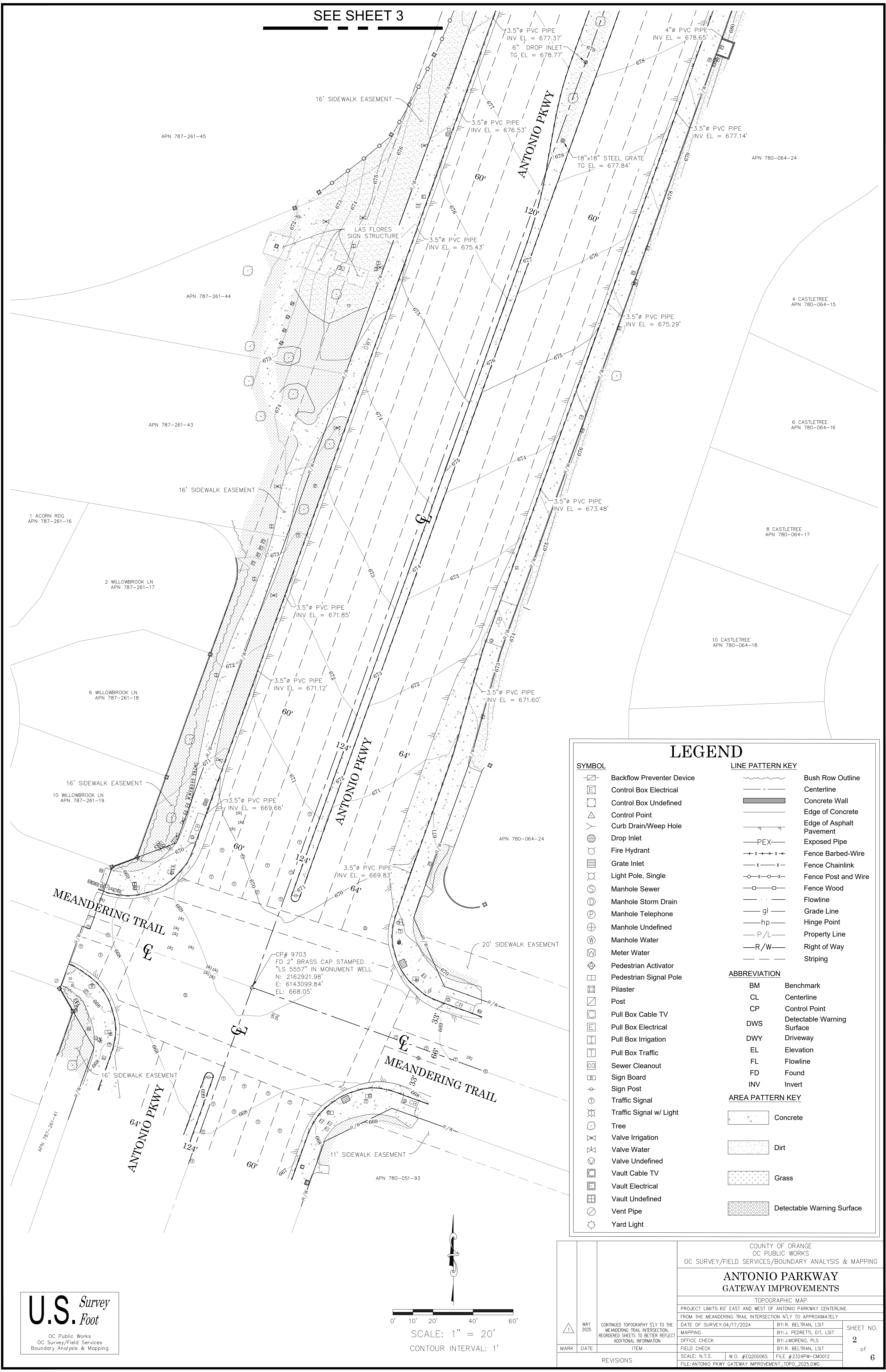
TATE LOGGREEN, PLS. SENIOR LAND SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

	MAY 2025	CONTINUED TOPOGRAPHY S/LY TO THE MEANDERING TRAIL INTERSECTION, REORDERED SHEETS TO BETTER REFLECT ADDITIONAL INFORMATION. ADJUSTED VICINITY MAP BASIS OF BEARING TO BETTER REFLECT CONDITIONS.	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			ANTONIO PARKWAY GATEWAY IMPROVEMENTS				
			TITLE SHEET				
			PROJECT LIMITS: 60' EAST AND WEST OF ANTONIO PARKWAY CENTERLINE. FROM THE MEANDERING TRAIL INTERSECTION N'LY TO APPROXIMATELY 2830' NORTH OF MEANDERING TRAIL CENTER LINE (200' N OF COUNTY OF ORANGE ROW)				
			DATE OF SURVEY: 04/17/2024		BY: R. BELTRAN, LSIT		SHEET NO. 1 of 6
			MAPPING		BY: J. PEDRETTI, EIT, LSIT		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: R. BELTRAN, LSIT		
			SCALE: N.T.S.		W.O. #E020006S		
			MARK	DATE	ITEM	FILE: ANTONIO PKWY GATEWAY IMPROVEMENT_TOPO_2025.DWG	
REVISIONS							

SEE SHEET 3



LEGEND

SYMBOL

- | | |
|---|---------------------------|
|  | Backflow Preventer Device |
|  | Control Box Electrical |
|  | Control Box Undefined |
|  | Control Point |
|  | Curb Drain/Weep Hole |
|  | Drop Inlet |
|  | Fire Hydrant |
|  | Grate Inlet |
|  | Light Pole, Single |
|  | Manhole Sewer |
|  | Manhole Storm Drain |
|  | Manhole Telephone |
|  | Manhole Undefined |
|  | Manhole Water |
|  | Meter Water |
|  | Pedestrian Activator |
|  | Pedestrian Signal Pole |
|  | Pilaster |
|  | Post |
|  | Pull Box Cable TV |
|  | Pull Box Electrical |
|  | Pull Box Irrigation |
|  | Pull Box Traffic |
|  | Sewer Cleanout |
|  | Sign Board |
|  | Sign Post |
|  | Traffic Signal |
|  | Traffic Signal w/ Light |
|  | Tree |
|  | Valve Irrigation |
|  | Valve Water |
|  | Valve Undefined |
|  | Vault Cable TV |
|  | Vault Electrical |
|  | Vault Undefined |
|  | Vent Pipe |
|  | Yard Light |

LINE PATTERN KEY

- | | |
|---|--------------------------|
|  | Bush Row Outline |
|  | Centerline |
|  | Concrete Wall |
|  | Edge of Concrete |
|  | Edge of Asphalt Pavement |
|  | Exposed Pipe |
|  | Fence Barbed-Wire |
|  | Fence Chainlink |
|  | Fence Post and Wire |
|  | Fence Wood |
|  | Flowline |
|  | Grade Line |
|  | Hinge Point |
|  | Property Line |
|  | Right of Way |
|  | Striping |

ABBREVIATION

- | | |
|-----|----------------------------|
| BM | Benchmark |
| CL | Centerline |
| CP | Control Point |
| DWS | Detectable Warning Surface |
| DWY | Driveway |
| EL | Elevation |
| FL | Flowline |
| FD | Found |
| INV | Invert |

AREA PATTERN KEY

-
- Concrete
- Dirt
- Grass
- Detectable Warning Surface

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

ANTONIO PARKWAY GATEWAY IMPROVEMENTS

TOPOGRAPHIC MAP

PROJECT LIMITS: 60' EAST AND WEST OF ANTONIO PARKWAY CENTERLINE

FROM THE MEANDERING TRAIL I
DATE OF SURVEY:04/17/2024

MAPPING

OFFICE CHECK

FIELD CHECK	
SCALE: N.T.S.	W.O. #EQ

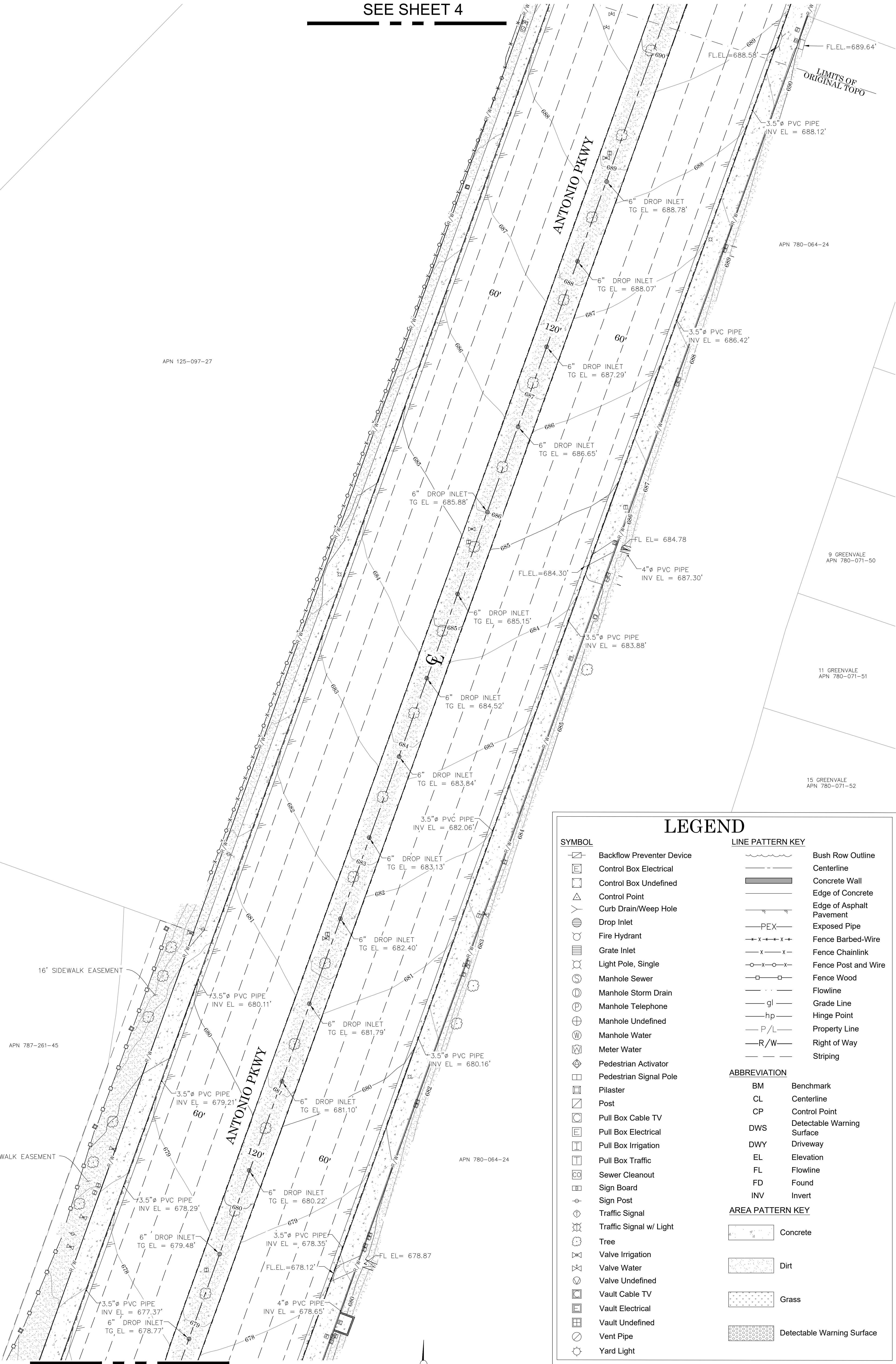
FILE: ANTONIO PKWY GATEWAY I

SHEET NO

2

6

SEE SHEET 4



SEE SHEET 2

U.S. Survey
Foot

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

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

SYMBOL

Backflow Preventer Device
 Control Box Electrical
 Control Box Undefined
 Control Point
 Curb Drain/Weep Hole
 Drop Inlet
 Fire Hydrant
 Grate Inlet
 Light Pole, Single
 Manhole Sewer
 Manhole Storm Drain
 Manhole Telephone
 Manhole Undefined
 Manhole Water
 Meter Water
 Pedestrian Activator
 Pedestrian Signal Pole
 Pilaster
 Post
 Pull Box Cable TV
 Pull Box Electrical
 Pull Box Irrigation
 Pull Box Traffic
 Sewer Cleanout
 Sign Board
 Sign Post
 Traffic Signal
 Traffic Signal w/ Light
 Tree
 Valve Irrigation
 Valve Water
 Valve Undefined
 Vault Cable TV
 Vault Electrical
 Vault Undefined
 Vent Pipe
 Yard Light

LINE PATTERN KEY

Bush Row Outline
 Centerline
 Concrete Wall
 Edge of Concrete
 Edge of Asphalt Pavement
 Exposed Pipe
 Fence Barbed-Wire
 Fence Chainlink
 Fence Post and Wire
 Fence Wood
 Flowline
 Grade Line
 Hinge Point
 Property Line
 Right of Way
 Striping

ABBREVIATION

BM

CL

CP

DWS

DWY

EL

FL

FD

INV

BM

Centerline

Control Point

Detectable Warning Surface

Driveway

Elevation

Flowline

Found

Invert

AREA PATTERN KEY

Concrete
 Dirt
 Grass
 Detectable Warning Surface

1		MAY 2025		COUNTED TOPOGRAPHY S'LY TO THE MEANDERING TRAIL INTERSECTION, REORDERED SHEETS TO BETTER REFLECT ADDITIONAL INFORMATION		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		ANTONIO PARKWAY GATEWAY IMPROVEMENTS	
		DATE OF SURVEY: 04/17/2024		BY: R. BELTRAN, LSIT		TOPOGRAPHIC MAP		PROJECT LIMITS: 60' EAST AND WEST OF ANTONIO PARKWAY CENTERLINE, FROM THE MEANDERING TRAIL INTERSECTION N'LY TO APPROXIMATELY	
MARK		DATE		ITEM		DATE OF SURVEY: 04/17/2024		BY: R. BELTRAN, LSIT	
						MAPPING		BY: J. PEDRETTI, EIT, LSIT	
						OFFICE CHECK		BY: J. MORENO, PLS	
						FIELD CHECK		BY: R. BELTRAN, LSIT	
						SCALE: N.T.S.		W.O. #EQ200065	
						FILE #2324PW-CM0012		FILE: ANTONIO PKWY GATEWAY IMPROVEMENT_TOPO_2025.DWG	
						REVISIONS			

SEE SHEET 5

ANTONIO PKWY

APN 125-097-27

CP# 754
SET LEAD-BRASS NAIL & 1-1/4 INCH
TAG STAMPED "OCS" ON TOP CURB
N: 2164471.72
E: 6143713.36
EL: 697.61'

APN 125-097-27

CP# 750
SET LEAD-BRASS NAIL & 1-1/4 INCH
TAG STAMPED "OCS" ON TOP CURB
N: 2164267.29
E: 6143530.66
EL: 694.60'

CATCH BASIN

6" DROP INLET
TG EL = 693.87'

6" DROP INLET
TG EL = 693.09'

6" DROP INLET
TG EL = 692.38'

6" DROP INLET
TG EL = 691.76'

6" DROP INLET
TG EL = 691.06'

FL.EL.=688.58'

FL.EL.=689.64'

LIMITS OF ORIGINAL TOPO

APN 125-097-27

APN 780-071-59

LEGEND

SYMBOL

- Backflow Preventer Device
- Control Box Electrical
- Control Box Undefined
- Control Point
- Curb Drain/Weep Hole
- Drop Inlet
- Fire Hydrant
- Grate Inlet
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Manhole Water
- Meter Water
- Pedestrian Activator
- Pedestrian Signal Pole
- Pilaster
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Traffic
- Sewer Cleanout
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Tree
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vent Pipe
- Yard Light

LINE PATTERN KEY

- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Post and Wire
- Fence Wood
- Flowline
- Grade Line
- Hinge Point
- Property Line
- Right of Way
- Striping

ABBREVIATION

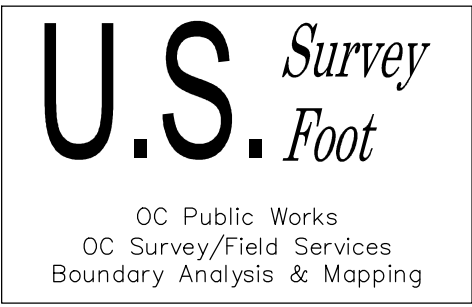
- BM Benchmark
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- DWY Driveway
- EL Elevation
- FL Flowline
- FD Found
- INV Invert

AREA PATTERN KEY

- Concrete
- Dirt
- Grass
- Detectable Warning Surface

SEE SHEET 3

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
		ANTONIO PARKWAY GATEWAY IMPROVEMENTS				
		TOPOGRAPHIC MAP				
		PROJECT LIMITS: 60' EAST AND WEST OF ANTONIO PARKWAY CENTERLINE. FROM THE MEANDERING TRAIL INTERSECTION N'LY TO APPROXIMATELY				
	MAY 2025	CONTINUED TOPOGRAPHY S'LY TO THE MEANDERING TRAIL INTERSECTION. REORDERED SHEETS TO BETTER REFLECT ADDITIONAL INFORMATION		DATE OF SURVEY: 04/17/2024	BY: R. BELTRAN, LSIT	SHEET NO.
				MAPPING	BY: J. PEDRETTI, EIT, LSIT	
MARK	DATE	ITEM	OFFICE CHECK	BY: J. MORENO, PLS	4 of 6	
			FIELD CHECK	BY: R. BELTRAN, LSIT		
			SCALE: N.T.S.	W.O. #EQ200065	FILE #2324PW-CM0012	
			FILE: ANTONIO PKWY GATEWAY IMPROVEMENT_TOPO_2025.DWG			
REVISIONS						



0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

SEE SHEET 6

LEGEND

SYMBOL		LINE PATTERN KEY	
	Backflow Preventer Device		Bush Row Outline
	Control Box Electrical		Centerline
	Control Box Undefined		Concrete Wall
	Control Point		Edge of Concrete
	Curb Drain/Weep Hole		Edge of Asphalt Pavement
	Drop Inlet		Exposed Pipe
	Fire Hydrant		Fence Barbed-Wire
	Grate Inlet		Fence Chainlink
	Light Pole, Single		Fence Post and Wire
	Manhole Sewer		Fence Wood
	Manhole Storm Drain		Flowline
	Manhole Telephone		Grade Line
	Manhole Undefined		Hinge Point
	Manhole Water		Property Line
	Meter Water		Right of Way
	Pedestrian Activator		Striping
	Pedestrian Signal Pole		
	Pilaster		
	Post		
	Pull Box Cable TV		
	Pull Box Electrical		
	Pull Box Irrigation		
	Pull Box Traffic		
	Sewer Cleanout		
	Sign Board		
	Sign Post		
	Traffic Signal		
	Traffic Signal w/ Light		
	Tree		
	Valve Irrigation		
	Valve Water		
	Valve Undefined		
	Vault Cable TV		
	Vault Electrical		
	Vault Undefined		
	Vent Pipe		
	Yard Light		

ABBREVIATION	
BM	Benchmark
CL	Centerline
CP	Control Point
DWS	Detectable Warning Surface
DWY	Driveway
EL	Elevation
FL	Flowline
FD	Found
INV	Invert

AREA PATTERN KEY	
	Concrete
	Dirt
	Grass
	Detectable Warning Surface

CP# 755
SET LEAD—BRASS NAIL & 1-1/4 INCH
TAG STAMPED "OCS" ON TOP CURB
N: 2164922.44'
E: 6143757.19'
EL: 700.24'

CP# 9708
FOUND PUNCHED BOAT SPIKE
AND 1-1/2 INCH BRASS
WASHER STAMPED "PLS 7172"
FLUSH IN ASPHALT
N: 2164593.79
E: 6143702.80
EL: 698.70'

SEE SHEET 4

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		ANTONIO PARKWAY GATEWAY IMPROVEMENTS			
		TOPOGRAPHIC MAP			
		PROJECT LIMITS: 60' EAST AND WEST OF ANTONIO PARKWAY CENTERLINE. FROM THE MEANDERING TRAIL INTERSECTION N'LY TO APPROXIMATELY			
		DATE OF SURVEY: 04/17/2024		BY: R. BELTRAN, LSIT	
		MAPPING		BY: J. PEDRETTI, EIT, LSIT	
		OFFICE CHECK		BY: J. MORENO, PLS	
		FIELD CHECK		BY: R. BELTRAN, LSIT	
		SCALE: N.T.S.		W.O. #EQ20006S	
				FILE #2324PW-CM0012	
		FILE: ANTONIO PKWY GATEWAY IMPROVEMENT_TOPO_2025.DWG			
		REVISIONS			
MARK	DATE	ITEM			
1	MAY 2025	CONTINUED TOPOGRAPHY S'LY TO THE MEANDERING TRAIL INTERSECTION, REORDERED SHEETS TO BETTER REFLECT ADDITIONAL INFORMATION			
				SHEET NO. 5 of 6	

U.S. Survey
Foot

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

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

