

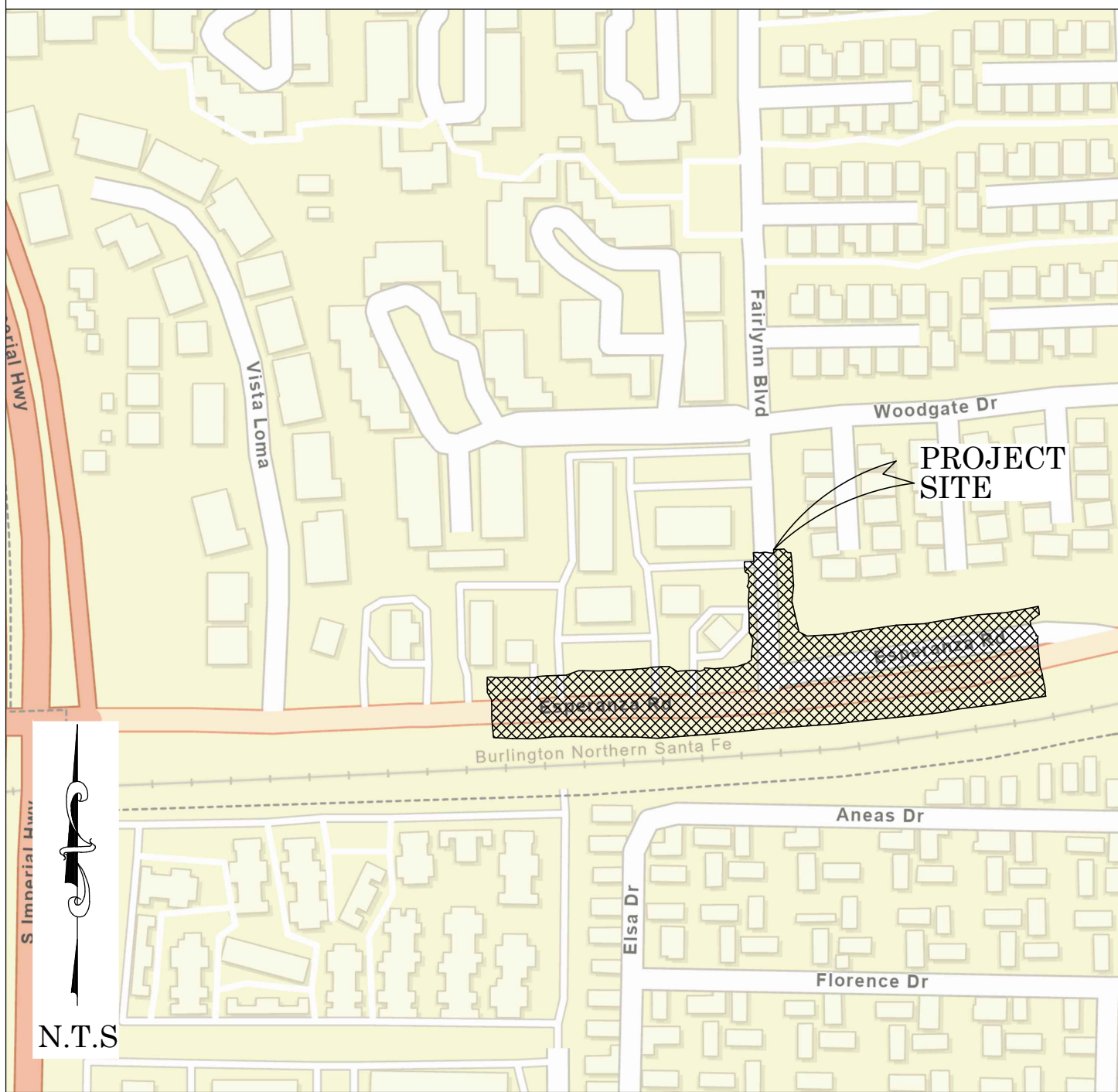


OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
ESPERANZA ROAD



TRAFFIC SIGNAL UPGRADES

LOCATION MAP



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT, THIS 15 DAY OF FEBRUARY, 2023.

Jesom Moreno

JESOM MORENO, PLS. SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 15 DAY OF FEBRUARY, 2023.

Michael Lafontaine

MICHAEL LAFONTAINE, PLS. DEPUTY COUNTY SURVEYOR



U.S. Survey Foot

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



TOPOGRAPHIC MAPPING PROJECT

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.00) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS (CGPS) OECC AND GPS 5196R1, BEING NORTH 16°41'47" WEST AS DERIVED FROM THE COORDINATES ESTABLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

NOTE: THE BASIS OF BEARINGS USED FOR THIS SURVEY IS THE SAME BASIS OF BEARINGS FROM PREVIOUS SURVEY FILED AS 1718PW-PM0008

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS 2007.00 EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES DIVIDE GRID BY 0.99998200

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

VERTICAL DATUM

O.C.S. BM. 2J-71-06 ELEV. = 332.746' YEAR LEVELED 2006

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

DESCRIBED BY OCS 2006 - FOUND 4" ALUMINUM BENCHMARK DISK STAMPED "2J- 71-06 ". LOCATED IN THE NORTHEAST PORTION OF THE INTERSECTION OF ESPERANZA RD. AND FAIRMONT BL. LOOP CONNECTOR. 46 FT. EAST OF THE CENTERLINE OF FAIRMONT BL. CONNECTOR. 104 BL. NORTH OF THE CENTERLINE OF ESPERANZA RD. SET IN THE NORTHEAST CORNER OF AN 8.0 FT X 4.0 BL. CATCH BASIN. 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.

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET 1	1	TITLE SHEET
SHEET 2	2	TOPOGRAPHIC MAP

PURPOSE OF SURVEY

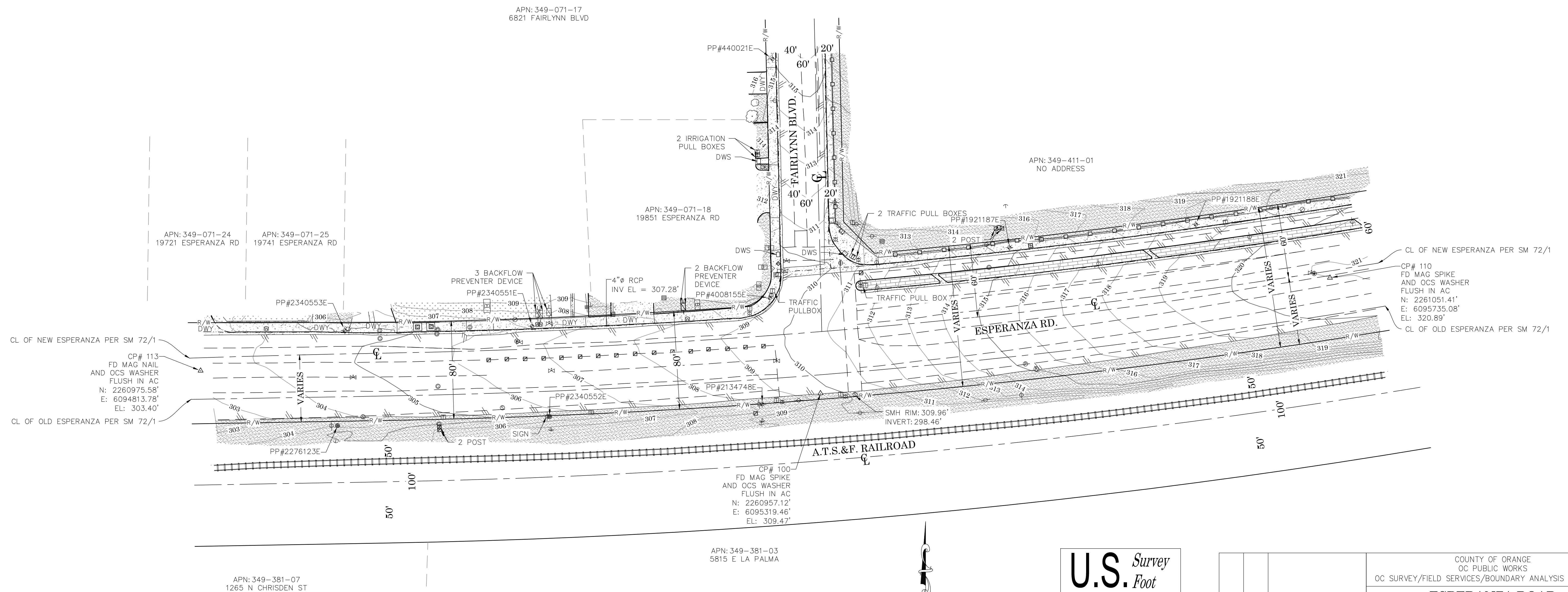
THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THE INTERSECTION OF ESPERANZA RD AND FAIRLYNN BLVD.

FOUND CGPS "OECC"
N: 2225550.04'
E: 6107584.61'
THIS IS A CONTINUOUS GPS STATION (CGPS)
AND IS PART OF THE CALIFORNIA SPATIAL
REFERENCE NETWORK (CSRN)

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
ESPERANZA ROAD TRAFFIC SIGNAL UPGRADES			
TITLE SHEET			
PROJECT LIMITS: INTERSECTION OF ESPERANZA ROAD AND FAIRLYNN BLVD.			
DATE OF SURVEY: 11/02/22	BY: J. JOHNS AND CREW	SHEET NO. 1 of 2	
MAPPING	BY: I. ISLAS		
OFFICE CHECK	BY: J. JESOM, PLS.		
FIELD CHECK	BY: J. JOHNS AND CREW		
SCALE: N.T.S.	W.O. #E0198135		
FILE: ESPERANZA ROAD_TOPO_2022.DWG	FILE: #2223PW-PM0001		
MARK	DATE	ITEM	REVISIONS

SYMBOL		SYMBOL		LINE PATTERN KEY		AREA PATTERN KEY	
	Backflow Preventer Device		Pull Box Cable TV		Block Wall		Concrete
	Control Box Traffic		Pull Box Electrical		Centerline		
	Control Point		Pull Box Irrigation		Edge of Concrete		
	Fire Hydrant		Pull Box Traffic		Edge of Asphalt Pavement		Brick
	Grate Inlet		Rock/Boulder		Exposed Pipe		
	Guy Wire Anchor		Sign Board		Fence Wood		Dirt
	Guy Wire Pole		Sign Post		Flowline		
	Light Pole, Double		Traffic Signal w/ Light		Guard Rail		Grass
	Manhole Sewer		Tree		Right of Way		
	Manhole Storm Drain		Utility Pole, Underground		Striping		
	Manhole Telephone		Valve Gas	<u>ABBREVIATION</u>			
	Manhole Undefined		Valve Water	AC	Asphalt Concrete		
	Manhole Water		Vault Gas	CL	Centerline		
	Meter Water		Vault Undefined	CP	Control Point		
	Pedestrian Activator		Vault Water	DWY	Driveway		
	Post		Vent Pipe	EL	Elevation		
				FD	Found		
				INV	Invert		
				PP	Power Pole		

NOTE
ALL RIGHT OF WAY LINES SHOWN HEREON ARE BASED ON RECORD
INFORMATION FROM A PREVIOUS SURVEY (1718PW-PM0008) AND RECORD
DOCUMENTS. THEY ARE PLACED HEREON FOR REFERENCE PURPOSES ONLY.

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

ESPERANZA ROAD
TRAFFIC SIGNAL UPGRADES

TOPOGRAPHIC MAP

PROJECT LIMITS: INTERSECTION OF ESPERANZA ROAD AND FAIRLYNN BLVD

DATE OF SURVEY: 11/02/22	BY: J. JOHNS AND CREW	SHEET NO.
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MAPPING	BY: I. ISLAS
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OFFICE CHECK	BY: J. JESOM, PLS
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FIELD CHECK	BY: J. JOHNS AND CREW
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SCALE: N.T.S.	W.O. #EQ19813S	FILE #2223PW-PM0001
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FILE:ESPERANZA ROAD_TOPO_2022.DWG

SHEET NO.

2

of

2

11/11/2019

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'