

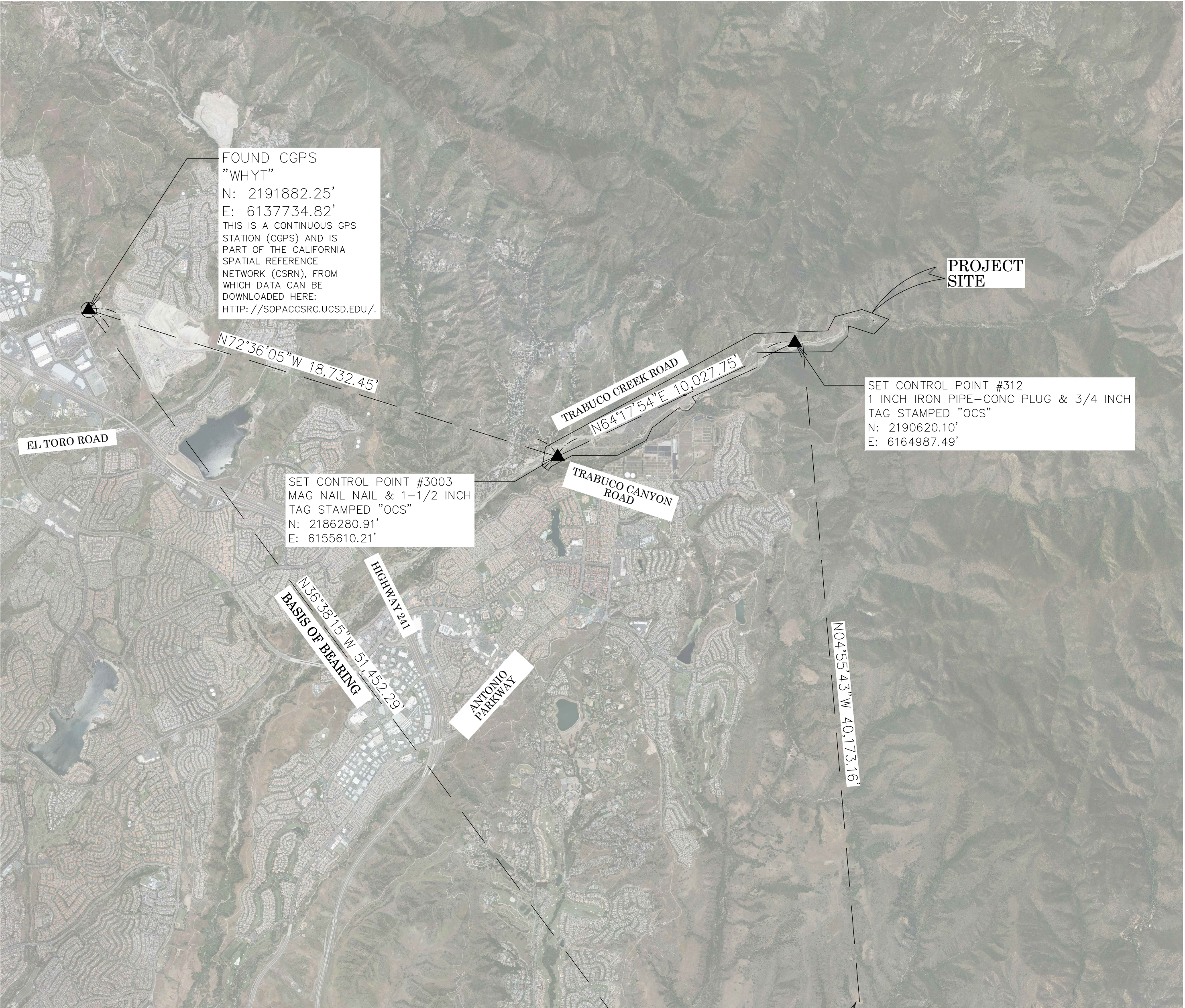
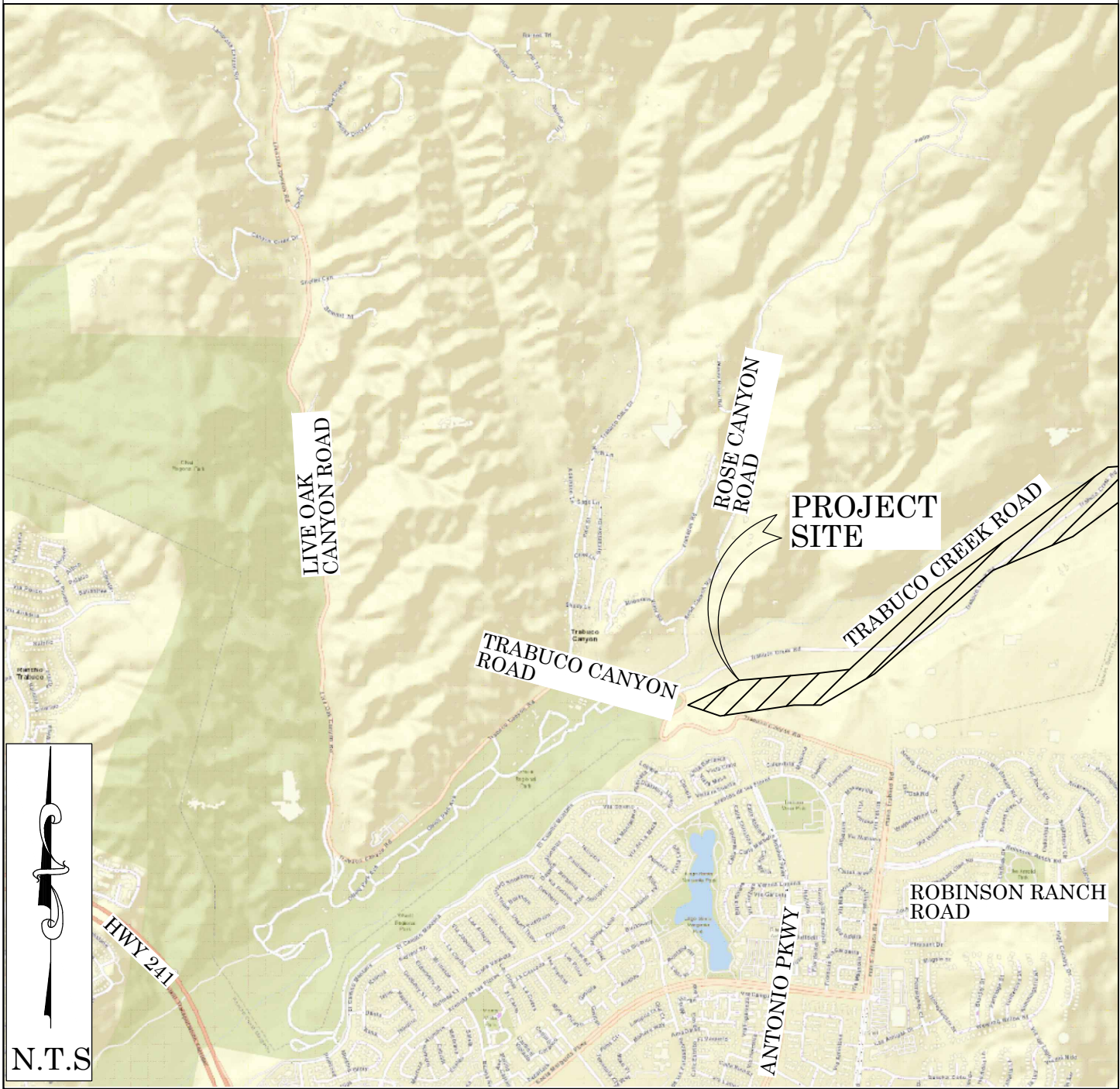


OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
TRABUCO CREEK ROAD



ROAD STABILIZATION

LOCATION MAP



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 PTS "P471" & "WHYT" BEING NORTH 36°38'15" WEST 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 1.00008511.

THIS COMBINATION FACTOR WAS DERIVED BY HOLDING THE AVERAGE BETWEEN POINT #3003 N:2186143.93' E:6154888.82' EL=1014.28', AND POINT #312 N:2190620.10' E:6164987.49' EL=1266.54'

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

VERTICAL DATUM

O.C.S. BM. 3W-13-70 ELEV. = 1024.565' YEAR LEVELED: 1990

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

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3WW-13-70", SET IN THE TOP OF A 6 IN. CONCRETE POST. MONUMENT IS LOCATED ALONG THE SOUTHERLY SIDE OF TRABUCO CREEK, 0.5 MILES SOUTHEASTERLY ALONG TRABUCO CANYON ROAD FROM THE TRABUCO FIRE STATION TO THE INTERSECTION OF TRABUCO CANYON ROAD AND ITS CROSSING OF TRABUCO CREEK, PROCEED 0.15 MILES NORTH EASTERLY ALONG DIRT ROAD ON SOUTHERLY SIDE OF CREEK WHERE A SET OF POWER LINES CROSSES SAID DIRT ROAD, 85 FT. SOUTHERLY OF THE CENTERLINE OF THE SAID DIRT ROAD AND 4 FT. SOUTHERLY OF A POWER POLE. MONUMENT IS SET LEVEL WITH THE GROUND.

NOTES

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

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI INC.

AERIAL AND CONVENTIONAL SURVEY WERE ESTABLISHED FROM THE CONTROL NETWORK. HOWEVER, THE ALIGNMENT SHOWN HEREON IS COMPILED FROM RECORD DATA AND IS PENDING RESOLUTION OF A FINAL BOUNDARY SURVEY.

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET	1	TITLE SHEET
SHEETS	2-13	TOPOGRAPHIC MAP

BASIS OF STATIONING

THE BASIS FOR STATIONING IS STA 10+00 STARTING AT CENTERLINE INTERSECTION OF TRABUCO CANYON ROAD, AND TRABUCO CREEK ROAD USING A RECORD ALIGNMENT PER COUNTY OF ORANGE RIGHT OF WAY MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011)

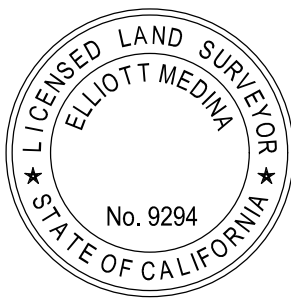
PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP.

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 28 DAY OF DECEMBER, 2020.

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 28 DAY OF DECEMBER, 2020.

WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR



N.T.S.

U.S. Survey
Foot

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

FOUND CGPS
"P471"
N: 2150595.47'
E: 6168438.89'
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN), FROM WHICH DATA CAN BE DOWNLOADED HERE: [HTTP://SOPACCSRC.UCSD.EDU/](http://SOPACCSRC.UCSD.EDU/).

IDENTICAL

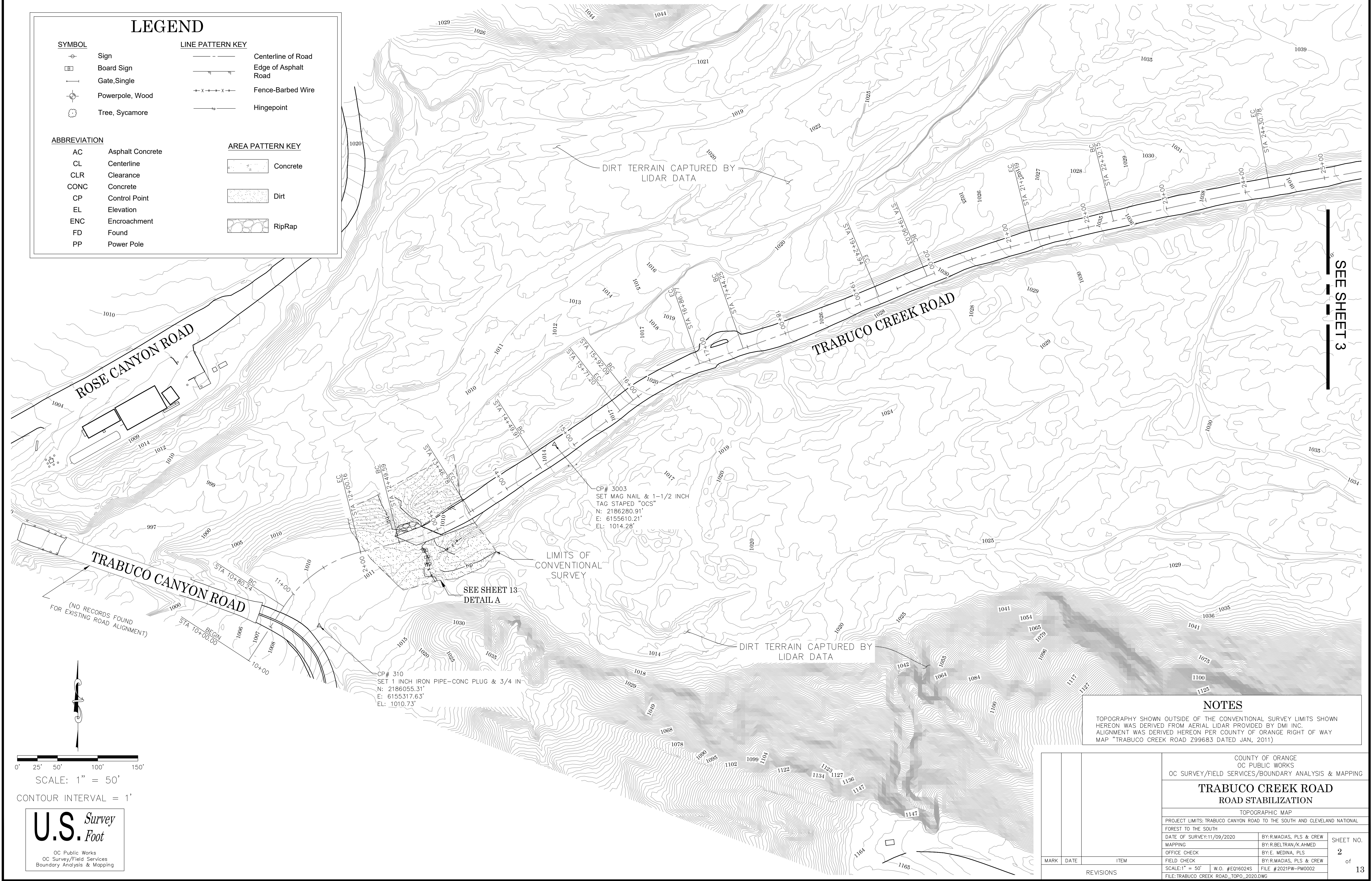
TOPOGRAPHIC MAPPING PROJECT

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
TRABUCO CREEK ROAD ROAD STABILIZATION			
TITLE SHEET			
PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH & CLEVELAND NATIONAL FOREST TO THE NORTH			
DATE OF SURVEY: 11/09/2020	BY: R. MACIAS, PLS & CREW	SHEET NO.	
MAPPING	BY: R. BELTRAN/K. AHMED	1	
OFFICE CHECK	BY: E. MEDINA, PLS	of	
FIELD CHECK	BY: R. MACIAS, PLS.	13	
SCALE: N/A	W.O. #E0160245	FILE #2021PW-PM0002	
REVISIONS			
FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG			

LEGEND

SYMBOL	LINE PATTERN KEY
	Centerline of Road
	Edge of Asphalt Road
	Fence-Barbed Wire
	Hinge point

ABBREVIATION	AREA PATTERN KEY
AC Asphalt Concrete	Concrete
CL Centerline	Dirt
CLR Clearance	RipRap
CONC Concrete	
CP Control Point	
EL Elevation	
ENC Encroachment	
FD Found	
PP Power Pole	



SEE SHEET 3

NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC. ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

TRABUCO CREEK ROAD
ROAD STABILIZATION

PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL FOREST TO THE SOUTH		TOPOGRAPHIC MAP	
DATE OF SURVEY: 11/09/2020	BY: R. MACIAS, PLS & CREW	SHEET NO. 2 of 13	
MAPPING	BY: R. BELTRAN/K. AHMED		
OFFICE CHECK	BY: E. MEDINA, PLS		
FIELD CHECK	BY: R. MACIAS, PLS & CREW	REVISIONS	
SCALE: 1" = 50'	W.O. #E0160245		
FILE: #2021PW-FM0002	FILE: #2021PW-FM0002		

LEGEND

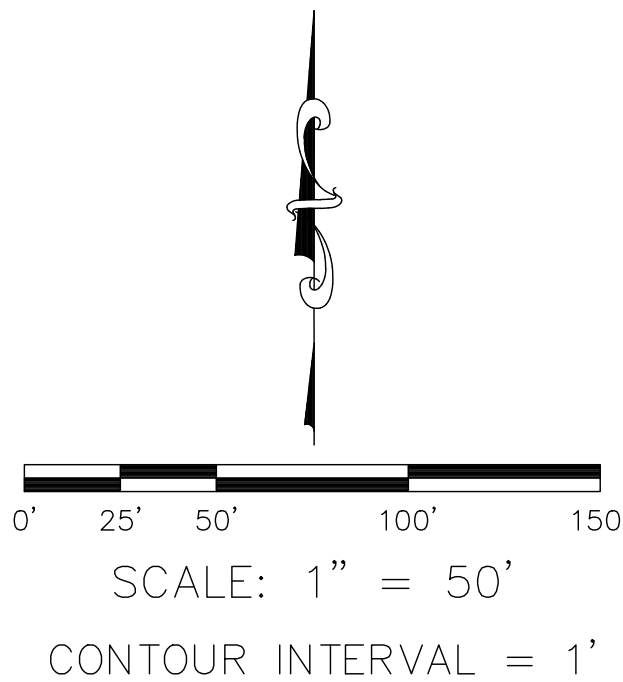
SYMBOL		LINE PATTERN KEY	
	Sign		Centerline of Road
	Board Sign		Edge of Asphalt Road
	Gate, Single		Fence-Barbed Wire
	Powerpole, Wood		Hinge point
	Tree, Sycamore		

ABBREVIATION		AREA PATTERN KEY	
AC	Asphalt Concrete		
CL	Centerline		Concrete
CLR	Clearance		
CONC	Concrete		Dirt
CP	Control Point		
EL	Elevation		
ENC	Encroachment		RipRap
FD	Found		
PP	Power Pole		

TRABUCO CREEK ROAD

SEE SHEET 4

SEE SHEET 2



U.S. Survey Foot

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

NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC. ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

TRABUCO CREEK ROAD
ROAD STABILIZATION

TOPOGRAPHIC MAP

PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL

FOREST TO THE SOUTH

DATE OF SURVEY: 11/09/2020

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 50'

FILE: #2021PW-PM0002

FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG

BY: R. MACIAS, PLS & CREW

BY: R. BELTRAN/K. AHMED

BY: E. MEDINA, PLS

BY: R. MACIAS, PLS & CREW

W.O. #E0160245

FILE #2021PW-PM0002

FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG

SHEET NO.

3

of

13

MARK

DATE

ITEM

REVISIONS

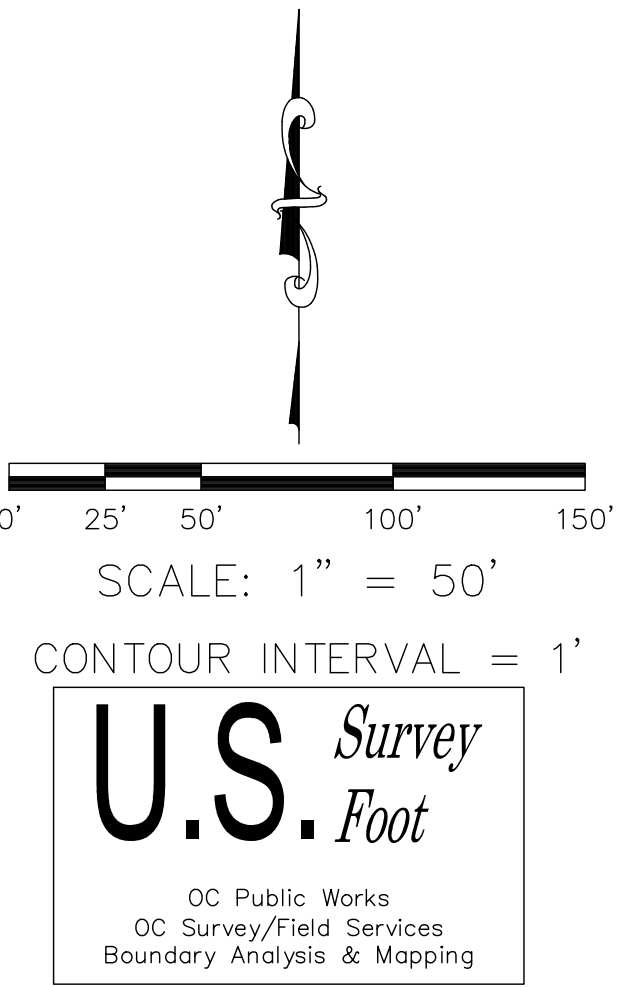
LEGEND

SYMBOL	LINE PATTERN KEY
	Centerline of Road
	Edge of Asphalt Road
	Fence-Barbed Wire
	Hinge point

ABBREVIATION	AREA PATTERN KEY
AC Asphalt Concrete	Concrete
CL Centerline	
CLR Clearance	
CONC Concrete	Dirt
CP Control Point	
EL Elevation	
ENC Encroachment	
FD Found	RipRap
PP Power Pole	

SEE SHEET 5

SEE SHEET 3



NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC. ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			TRABUCO CREEK ROAD ROAD STABILIZATION	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL FOREST TO THE SOUTH	
			DATE OF SURVEY: 11/09/2020	BY: R. MACIAS, PLS & CREW
			MAPPING	BY: R. BELTRAN/K. AHMED
			OFFICE CHECK	BY: E. MEDINA, PLS
			FIELD CHECK	BY: R. MACIAS, PLS & CREW
			SCALE: 1" = 50'	W.O. #E0160245
			FILE #2021PW-PM0002	
			FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG	
MARK	DATE	ITEM		
REVISIONS				
			SHEET NO. 4 of 13	

LEGEND

SYMBOL

- Sign
Board Sign
Gate, Single
Powerpole, Wood
Tree, Sycamore

LINE PATTERN KEY

- Centerline of Road
Edge of Asphalt Road
Fence-Barbed Wire
Hinge point

ABBREVIATION

- AC Asphalt Concrete
CL Centerline
CLR Clearance
CONC Concrete
CP Control Point
EL Elevation
ENC Encroachment
FD Found
PP Power Pole

AREA PATTERN KEY

- Concrete
Dirt
RipRap

SEE SHEET 6

SEE SHEET 4

TRABUCO CREEK ROAD

DIRT TERRAIN CAPTURED BY LIDAR DATA

DIRT TERRAIN CAPTURED BY LIDAR DATA

CP# 315
SET 1 INCH IRON PIPE-CONC PLUG
& 3/4 INCH TAG STAMPED "OCS"
N: 2188642.54'
E: 6160589.50'
EL: 1142.59'

LIMITS OF
CONVENTIONAL
SURVEY

PP#4251990

0' 25' 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1'

U.S. Survey
Foot

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

NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN
HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC.
ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY
MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

TRABUCO CREEK ROAD
ROAD STABILIZATION

TOPOGRAPHIC MAP

PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL

FOREST TO THE SOUTH

DATE OF SURVEY: 11/09/2020

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 50'

FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG

BY: R. MACIAS, PLS & CREW

BY: R. BELTRAN/K. AHMED

BY: E. MEDINA, PLS

BY: R. MACIAS, PLS & CREW

W.O. #E0160245

FILE #2021PW-PM0002

SHEET NO.

5

of

13

MARK DATE ITEM

REVISIONS

LEGEND

SYMBOL		LINE PATTERN KEY	
	Sign		Centerline of Road
	Board Sign		Edge of Asphalt Road
	Gate, Single		Fence-Barbed Wire
	Powerpole, Wood		Hinge point
	Tree, Sycamore		

ABBREVIATION		AREA PATTERN KEY	
AC	Asphalt Concrete		
CL	Centerline		Concrete
CLR	Clearance		
CONC	Concrete		Dirt
CP	Control Point		
EL	Elevation		
ENC	Encroachment		RipRap
FD	Found		
PP	Power Pole		

SEE SHEET 11

SEE SHEET 7

SEE SHEET 12

SEE SHEET 13
DETAIL B

SEE SHEET 5

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

U.S. Survey
Foot

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

NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC.
ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

TRABUCO CREEK ROAD
ROAD STABILIZATION

TOPOGRAPHIC MAP

PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL FOREST TO THE SOUTH

DATE OF SURVEY: 11/09/2020

BY: R. MACIAS, PLS & CREW

MAPPING BY: R. BELTRAN/K. AHMED

OFFICE CHECK BY: E. MEDINA, PLS

FIELD CHECK BY: R. MACIAS, PLS & CREW

SCALE: 1" = 50' W.O. #E0160245 FILE #2021PW-PM0002

FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG

SHEET NO.

6

of

13

MARK	DATE	ITEM
		REVISIONS

SYMBOL		LINE PATTERN KEY	
	Sign		Centerline of Road
	Board Sign		Edge of Asphalt Road
	Gate, Single		Fence-Barbed Wire
	Powerpole, Wood		Hinge point
	Tree, Sycamore		
ABBREVIATION		AREA PATTERN KEY	
AC	Asphalt Concrete		Concrete
CL	Centerline		
CLR	Clearance		
CONC	Concrete		Dirt
CP	Control Point		
EL	Elevation		
ENC	Encroachment		RipRap
FD	Found		
PP	Power Pole		

SEE SHEET 6

CONTOUR INTERVAL = 1'

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

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN
HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI INC.
ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY
MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011)

TOPOGRAPHIC MAP
PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL

FOREST TO THE SOUTH

DATE OF SURVEY: 11/09/2020	BY: R. MACIAS, PLS & CREW	SHEET NO.

MAPPING	BY: R.BELIRAN/R.AHMED	7
OFFICE CHECK	BY: E. MEDINA, PLS	

OFFICE CHECK	BY: E. MEDINA, PLS	
FIELD CHECK	BY: R. MACIAS, PLS & CREW	of

SCALE: 1" = 50'	W.O. #EQ16024S	FILE # 2021PW-PM0002	13
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FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG

SHEET NO.
7
of
13


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

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

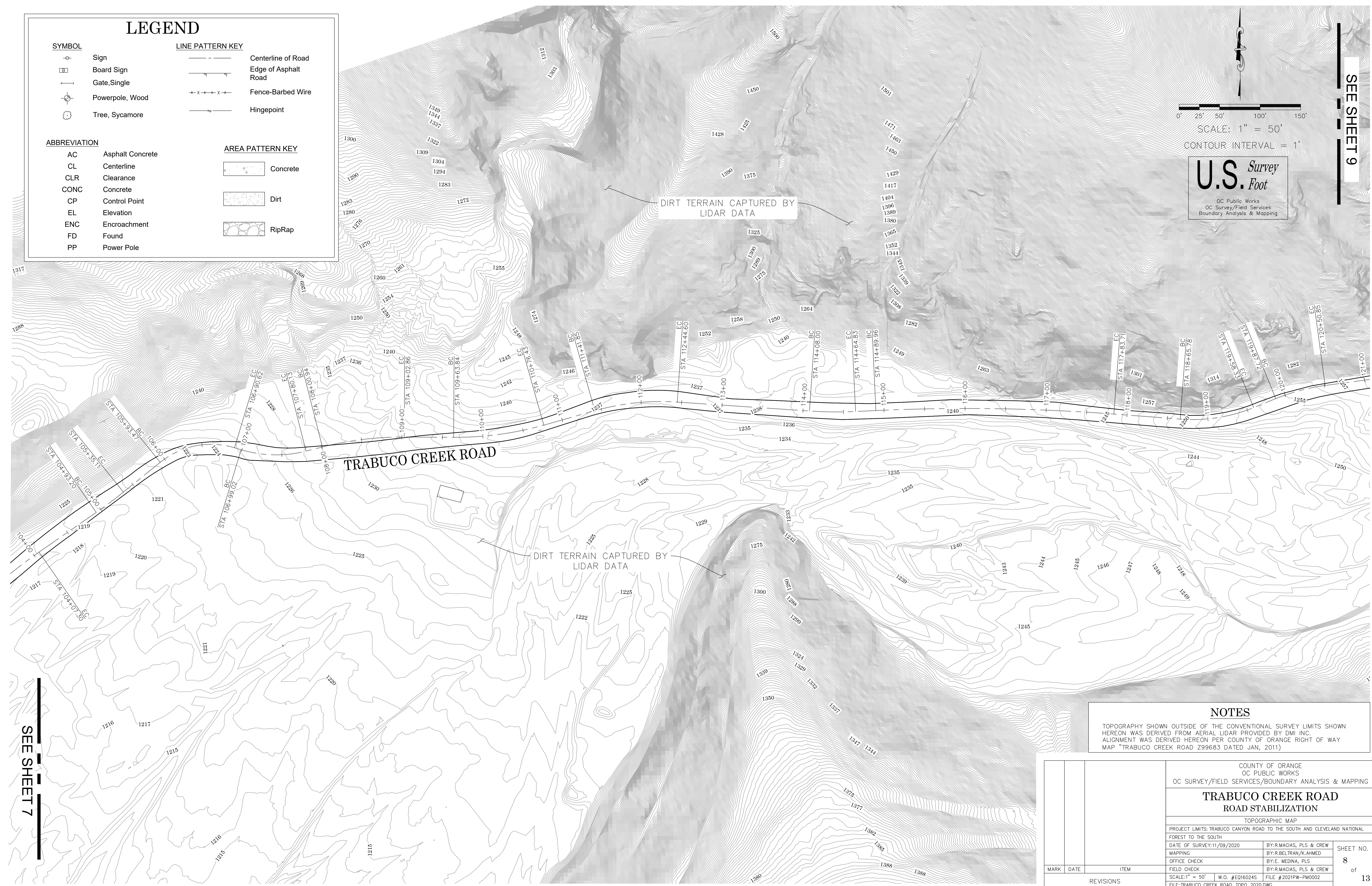
LEGEND

SYMBOL
-o- Sign
[] Board Sign
| Gate, Single
-x- Powerpole, Wood
o Tree, Sycamore

LINE PATTERN KEY
--- Centerline of Road
= Edge of Asphalt Road
-x-x-x-x-x- Fence-Barbed Wire
-o- Hinge point

ABBREVIATION
AC Asphalt Concrete
CL Centerline
CLR Clearance
CONC Concrete
CP Control Point
EL Elevation
ENC Encroachment
FD Found
PP Power Pole

AREA PATTERN KEY
[Pattern] Concrete
[Pattern] Dirt
[Pattern] RipRap



NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI INC. ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011)

				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		TRABUCO CREEK ROAD ROAD STABILIZATION			
		TOPOGRAPHIC MAP			
		PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL FOREST TO THE SOUTH			
		DATE OF SURVEY:11/09/2020		BY:R.MACIAS, PLS & CREW	
		MAPPING		BY:R.BELTRAN/K.AHMED	
		OFFICE CHECK		BY:E. MEDINA, PLS	
		FIELD CHECK		BY:R.MACIAS, PLS & CREW	
		SCALE:1" = 50'		W.O. #E0160245	FILE # 2021PW-PM0002
		FILE:TRABUCO CREEK ROAD_TOPO_2020.DWG			
MARK	DATE	ITEM		SHEET NO. 8 of 13	
REVISIONS					

LEGEND

SYMBOL		LINE PATTERN KEY	
	Sign		Centerline of Road
	Board Sign		Edge of Asphalt Road
	Gate, Single		Fence-Barbed Wire
	Powerpole, Wood		Hinge point
	Tree, Sycamore		

ABBREVIATION		AREA PATTERN KEY	
AC	Asphalt Concrete		
CL	Centerline		Concrete
CLR	Clearance		
CONC	Concrete		Dirt
CP	Control Point		
EL	Elevation		
ENC	Encroachment		RipRap
FD	Found		
PP	Power Pole		

DIRT TERRAIN CAPTURED BY
LIDAR DATA

TRABUCO CREEK ROAD

DIRT TERRAIN CAPTURED BY
LIDAR DATA

SEE SHEET 8

SEE SHEET 10

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

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

NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN
HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC.
ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY
MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

TRABUCO CREEK ROAD
ROAD STABILIZATION

PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL FOREST TO THE SOUTH		SHEET NO. 9 of 13
DATE OF SURVEY: 11/09/2020	BY: R. MACIAS, PLS & CREW	
MAPPING	BY: R. BELTRAN/K. AHMED	
OFFICE CHECK	BY: E. MEDINA, PLS	
FIELD CHECK	BY: R. MACIAS, PLS & CREW	
SCALE: 1" = 50' W.O. #E0160245 FILE #2021PW-PM0002		
FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG		

MARK	DATE	ITEM
REVISIONS		

CP# 313
SET 1 INCH IRON PIPE-CONC PLUG
& 3/4 INCH TAG STAMPED "OCS"
N: 2190629.81'
E: 6164645.86'
EL: 1257.93'

LIMITS OF
CONVENTIONAL
SURVEY

SEE SHEET 13
DETAIL C

CP# 312
SET 1 INCH IRON PIPE-CONC PLUG & 3/4 IN
N: 2190620.10'
E: 6164987.49'
EL: 1266.54'

LEGEND

SYMBOL	LINE PATTERN KEY
	Centerline of Road
	Edge of Asphalt Road
	Fence-Barbed Wire
	Hinge point

ABBREVIATION	AREA PATTERN KEY
AC	Asphalt Concrete
CL	Centerline
CLR	Clearance
CONC	Concrete
CP	Control Point
EL	Elevation
ENC	Encroachment
FD	Found
PP	Power Pole
	Concrete
	Dirt
	RipRap

0' 25' 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1'

U.S. Survey
Foot

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

TRABUCO CREEK ROAD

DIRT TERRAIN CAPTURED BY
LIDAR DATA

NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN
HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC.
ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY
MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

TRABUCO CREEK ROAD
ROAD STABILIZATION

TOPOGRAPHIC MAP

PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL

FOREST TO THE SOUTH

DATE OF SURVEY: 11/09/2020

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 50'

FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG

BY: R. MACIAS, PLS & CREW

BY: R. BELTRAN/K. AHMED

BY: E. MEDINA, PLS

BY: R. MACIAS, PLS & CREW

W.O. #E0160245

FILE #2021PW-PM0002

SHEET NO.

10

of

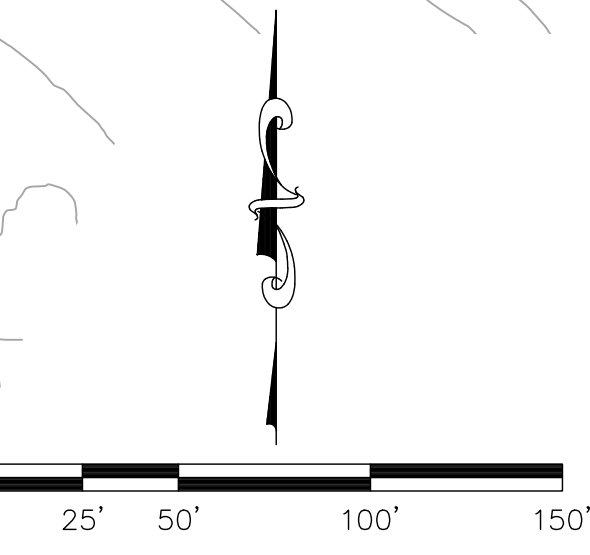
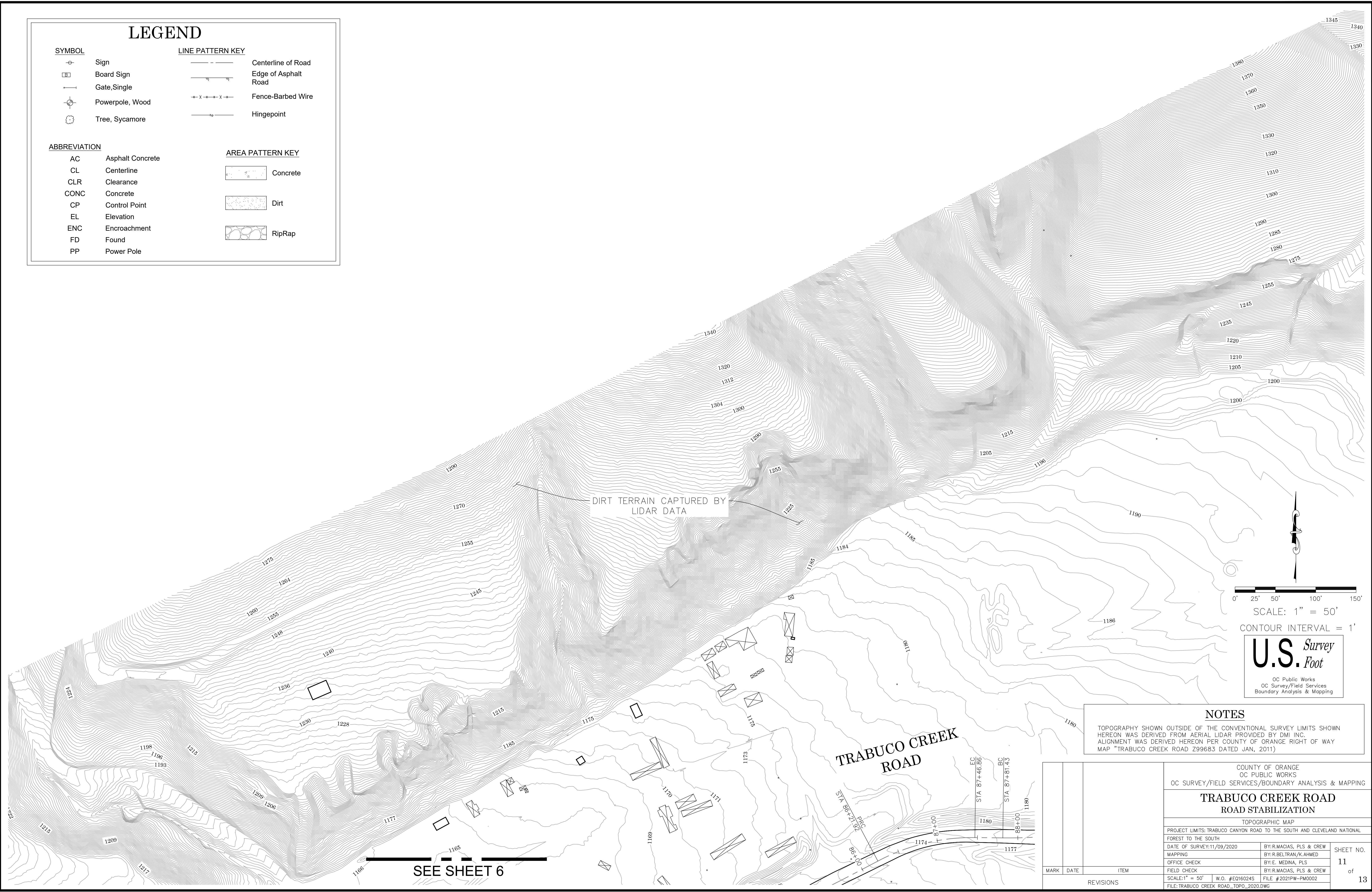
13

SEE SHEET 9

LEGEND

SYMBOL	LINE PATTERN KEY
	Centerline of Road
	Edge of Asphalt Road
	Fence-Barbed Wire
	Hinge point

ABBREVIATION	AREA PATTERN KEY
AC	Asphalt Concrete
CL	Centerline
CLR	Clearance
CONC	Concrete
CP	Control Point
EL	Elevation
ENC	Encroachment
FD	Found
PP	Power Pole



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

NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC. ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
TRABUCO CREEK ROAD ROAD STABILIZATION		
TOPOGRAPHIC MAP		
PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL FOREST TO THE SOUTH		
DATE OF SURVEY: 11/09/2020	BY: R. MACIAS, PLS & CREW	SHEET NO. 11 of 13
MAPPING	BY: R. BELTRAN/K. AHMED	
OFFICE CHECK	BY: E. MEDINA, PLS	
FIELD CHECK	BY: R. MACIAS, PLS & CREW	
SCALE: 1" = 50'	W.O. #E016024S	FILE #2021PW-PM0002
FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG		

LEGEND

SYMBOL	LINE PATTERN KEY
	Centerline of Road
	Edge of Asphalt Road
	Fence-Barbed Wire
	Hinge point

ABBREVIATION	AREA PATTERN KEY
AC Asphalt Concrete	Concrete
CL Centerline	
CLR Clearance	
CONC Concrete	Dirt
CP Control Point	
EL Elevation	
ENC Encroachment	RipRap
FD Found	
PP Power Pole	

SEE SHEET 7



0' 25' 50' 100' 150'

SCALE: 1" = 50'

CONTOUR INTERVAL = 1'

U.S. Survey Foot

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

NOTES

TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI, INC. ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011"

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

TRABUCO CREEK ROAD
ROAD STABILIZATION

TOPOGRAPHIC MAP

PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL

FOREST TO THE SOUTH

DATE OF SURVEY: 11/09/2020

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 50'

FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG

BY: R. MACIAS, PLS & CREW

BY: R. BELTRAN/K. AHMED

BY: E. MEDINA, PLS

BY: R. MACIAS, PLS & CREW

W.O. #E016024S

FILE #2021PW-PM0002

SHEET NO.

12

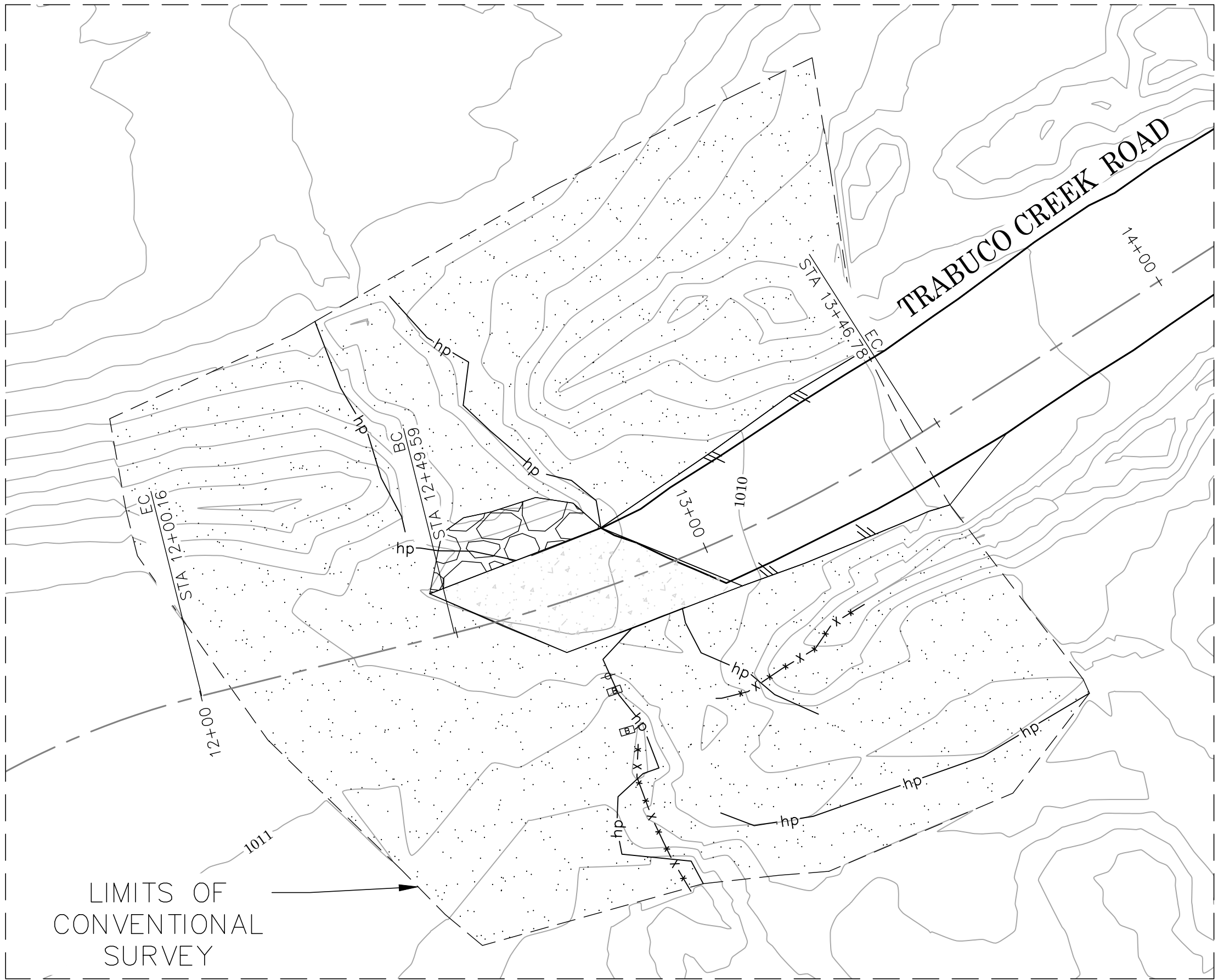
of

13

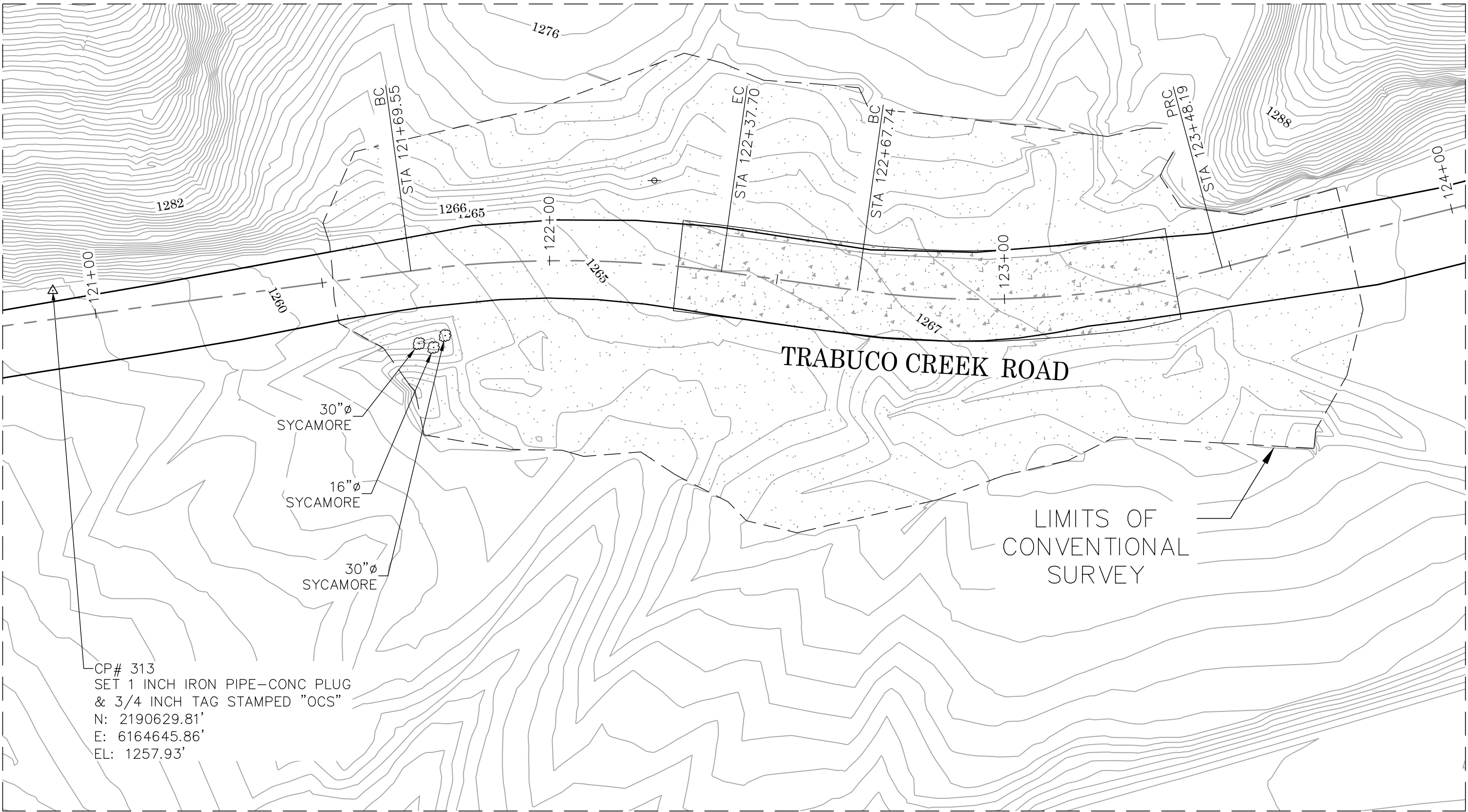
REVISIONS

NOTES

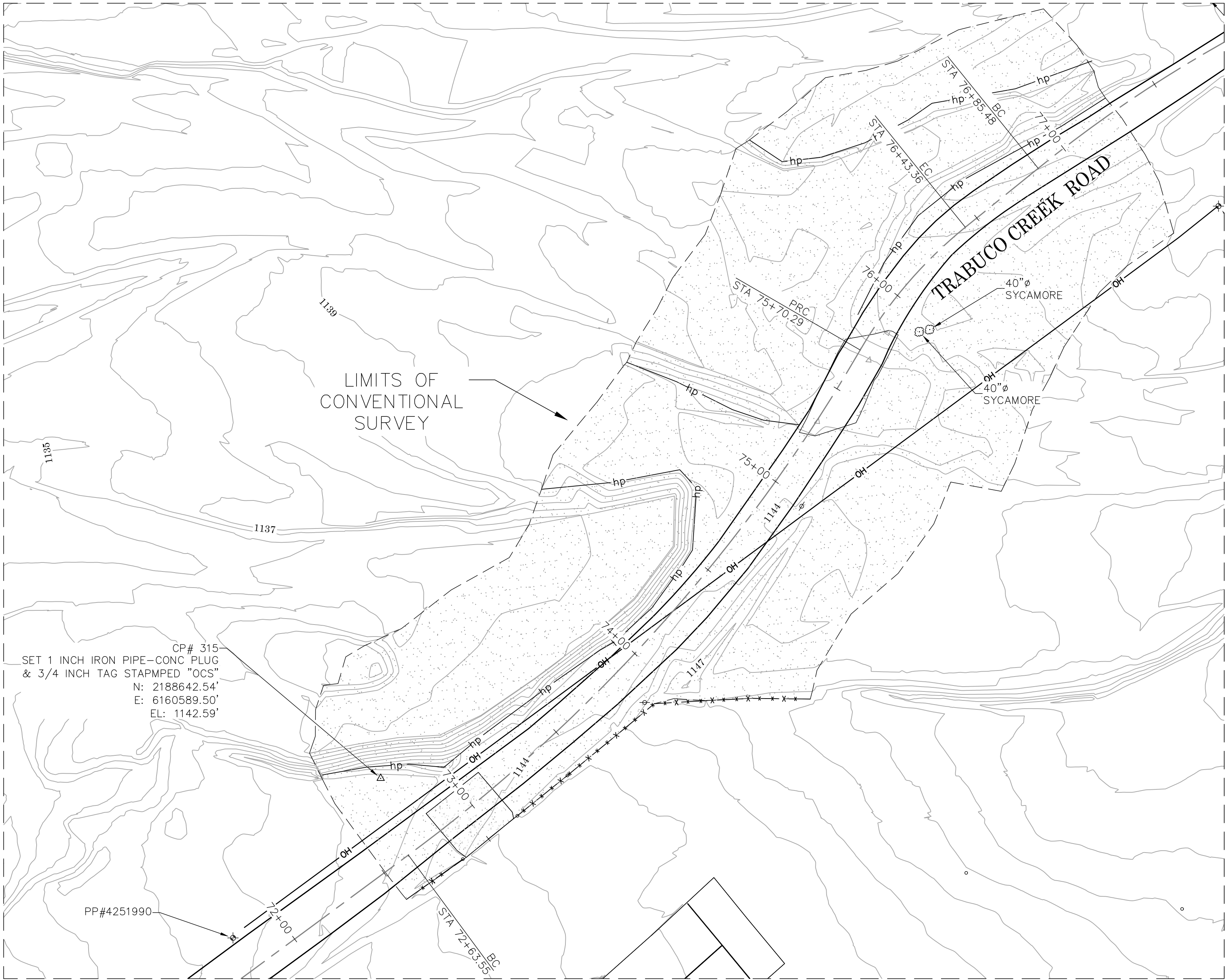
TOPOGRAPHY SHOWN OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN
HEREON WAS DERIVED FROM AERIAL LIDAR PROVIDED BY DMI INC.
ALIGNMENT WAS DERIVED HEREON PER COUNTY OF ORANGE RIGHT OF WAY
MAP "TRABUCO CREEK ROAD Z99683 DATED JAN, 2011)



DETAIL A SEE SHEET 2
N.T.S.

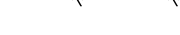
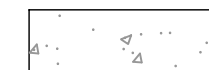


DETAIL C SEE SHEET 3
N.T.S.



DETAIL B SEE SHEET 6
N.T.S.

LEGEND

SYMBOL		LINE PATTERN KEY	
	Sign		Centerline of Road
	Board Sign		Edge of Asphalt Road
	Gate, Single		Fence-Barbed Wire
	Powerpole, Wood		Hingepoint
	Tree, Sycamore		
ABBREVIATION		AREA PATTERN KEY	
AC	Asphalt Concrete		Concrete
CL	Centerline		
CLR	Clearance		
CONC	Concrete		Dirt
CP	Control Point		
EL	Elevation		
ENC	Encroachment		
FD	Found		RipRap
PP	Power Pole		

CONTOUR INTERVAL = 1'

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		
			TRABUCO CREEK ROAD ROAD STABILIZATION		
			TOPOGRAPHIC MAP		
			PROJECT LIMITS: TRABUCO CANYON ROAD TO THE SOUTH AND CLEVELAND NATIONAL FOREST TO THE SOUTH		
			DATE OF SURVEY: 11/09/2020	BY: R. MACIAS, PLS & CREW	SHEET NO. 13 of 13
			MAPPING	BY: R. BELTRAN/K. AHMED	
			OFFICE CHECK	BY: E. MEDINA, PLS	
			FIELD CHECK	BY: R. MACIAS, PLS & CREW	
			SCALE: 1" = 50'	W.O. #E016024S	FILE #2021PW-PM0002
			FILE: TRABUCO CREEK ROAD_TOPO_2020.DWG		
MARK	DATE	ITEM			
			REVISIONS		