

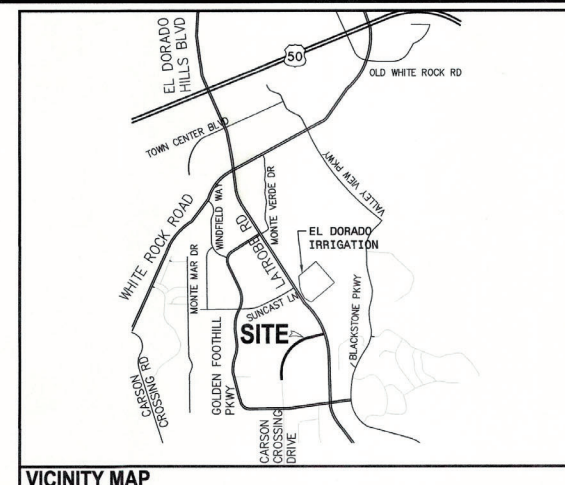
PROJECT CONTACT

APN 117-210-048, 49, 50, 60

EL DORADO COUNTY, CALIFORNIA

JOB SET
TRANSPORTATION
07/02/2025

SIGN



CIVIL PLANS

SHEET NUMBER	SHEET TITLE
C1	COVER SHEET
C2	NOTES
C3	DETAIL
C4	EXISTING SITE- LATROBE ROAD INTERSECTION
C5	HORIZONTAL CONTROL PLAN- CARSON CROSSING DRIVE
C6	HORIZONTAL CONTROL PLAN-LATROBE ROAD INTERSECTION
C7	UTILITY PLAN
C8	GRADING PLAN- STATION 18+00- 31+00
C9	GRADING PLAN- STATION 31+00- 42+00
C10	GRADING PLAN- ROAD A& B INTERSECTIONS
C11	GRADING PLAN- LATROBE ROAD INTERSECTION
C12	GRADING PLAN- BASIN 1
C13	GRADING PLAN- BASIN 2
C14	SEWER & WATER PLAN & PROFILE STATION 18+00- 30+00
C15	SEWER & WATER PLAN & PROFILE STATION 30+00- 42+00
C16	ROAD A & B SEWER & WATER PLAN & PROFILE
C17	WATERLINE A
C18	WATERQUALITY PLAN
C19	STRIPING & SIGNAGE PLAN
C20	STRIPING & SIGNAGE PLAN- FRONTAGE
C21	EROSION CONTROL PLAN
C22	EROSION CONTROL NOTES

ELECTRICAL PLANS

E-1	TRAFFIC SIGNAL PLAN
E-2	TRAFFIC SIGNAL SCHEDULES
E-3	DETAILS

LANDSCAPE PLANS

L0.1	COVER SHEET
L1.1	IRRIGATION PLAN A
L1.2	IRRIGATION PLAN B
L1.3	IRRIGATION PLAN C
L1.4	IRRIGATION PLAN D
L1.5	IRRIGATION SCHEDULE
L2.1	PLANTING PLAN A
L2.2	PLANTING PLAN B
L2.3	PLANTING PLAN C
L2.4	PLANTING PLAN D
L3.1	IRRIGATION DETAILS
L3.2	IRRIGATION DETAILS
L3.3	PLANTING DETAILS

SHEET INDEX

THESE PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED RELATIVE TO GEOTECHNICAL ASPECTS OF THE PLANS AND HAVE BEEN FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN THE GEOTECHNICAL REPORT BY YOUNGDAHL CONSULTING GROUP, INC., GATEWAY CARSON CROSSING, REPORT DATED OCTOBER 2024, PROJECT NO. E05425.015.

NAME	John Youngdahl	NO. C60224	C60224
		Exp. 06-30-26	LICENSE NO.
SIGNATURE			6-25-25
			DATE

GEOTECHNICAL ENGINEER'S DECLARATION

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER DIRECTION OF THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN AND ARE BASED UPON FIELD OBSERVATIONS MADE UNDER THE DIRECTION OF OR BY THE UNDERSIGNED AND/OR INFORMATION RECEIVED FROM THE PROJECT OWNER, PROJECT CONTRACTORS, AND PUBLIC AGENCIES WHEN THE ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR CHANGES TO THESE PLANS NOT AUTHORIZED BY THE ENGINEER.

DATE _____ PROJECT ENGINEER _____

RECORD DRAWING

THE FOLLOWING EARTHWORK ESTIMATES ARE TO BE USED FOR ESTIMATING PURPOSES ONLY AND NO GUARANTEE IS MADE AS TO THE ACCURACY OF THIS INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND AGREEING TO THE ESTIMATED EARTHWORK QUANTITIES. THE CONTRACTOR ACKNOWLEDGES THAT HE/SHE IS SATISFIED AS TO THE CHARACTER, QUALITY, AND QUANTITY OF THE SURFACE AND SUBSURFACE MATERIALS TO BE ENCOUNTERED AND WILL BE RESPONSIBLE FOR PROPERLY ESTIMATING THE DIFFICULTY OR COST OF SUCCESSFULLY PERFORMING THE WORK.

EARTHWORK VOLUMES	
CUT	11,680 CY
FILL	30,470 CY
NET IMPORT	18,790 CY

EARTHWORK

△					
△					
△					
△					
NO.	DESCRIPTION	APPD.	DATE	APPD.	DATE

SCALE:

HORIZ. 1" = 120'

VERT. 1" = _____ NA

BENCH MARK

ELEV= 521.00 (NAVD 83)

PARKWAY AND LATROBE ROAD

6/25/25

OWNER/ DEVELOPER

SHL

SAL

EKY

mp

MORTON & PITALO, INC.
CIVIL ENGINEERING • LAND PLANNING • LAND SURVEYING
Folsom • Fresno
600 Coolidge Drive, Suite #140
Folsom, CA 95630
phone: (916) 984-7621
web: www.mpeinc.com

IMPROVEMENT PLANS FOR
GATEWAY EL DORADO HILLS CARSON CROSSING DRIVE
APN 117-210-048, 49, 50, & 60
COVER SHEET
EL DORADO, CALIFORNIA

DATE	JUNE 25, 2025
SHEET	C1
OF	39

JOB NO. 18-0058-01

25-1798 D 1 of 2

ATEINWAY EL DOBARO III LO CARPOM OROCCINO DRIVE

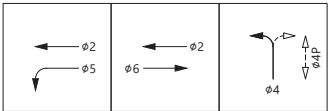
TRAFFIC SIGNAL NOTES:

1. PULL BOXES SHALL BE TYPE 6, UNLESS OTHERWISE NOTED ON PLANS. PULL BOXES TO BE INSTALLED BEHIND SIDEWALK.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2024 CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THE SPECIAL PROVISIONS.
3. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
4. SMA = SIGNAL MAST ARM
5. CONTRACTOR SHALL CONFIRM STREET NAMES WITH COUNTY PRIOR TO ORDERING STREET NAME SIGNS.
6. ALL SIGNAL HEADS SHALL HAVE 12" DIALIGHT TRAFFIC SIGNAL FACES AND SHALL INCLUDE 3" DIAMOND GRADE HIGH VISIBILITY BACK PLATE TAPE.
7. ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE POLARA INS3 PED-HEAD CONTROLLED APS.

PROJECT NOTES (THIS SHEET ONLY):

1. FURNISH AND INSTALL NEMA "P" (PLUS +) CABINET (DOUBLE DOOR), 64-CHANNEL, EL DORADO COUNTY SPECIFICATION, NEMA TS2-1, P PLUS CABINET ASSEMBLY WITH ALPHA BATTERY BACKUP SYSTEM (SHORT TERM BBS) AND HYMAX 1.1 KW FUEL CELL WITH 332s FUEL CELL STORAGE CABINET (LONG TERM BACK-UP SYSTEM). FURNISH AND INSTALL ECONOLITE COBALT SHELF MOUNT CONTROLLER WITH LATEST SOFTWARE, DIGI TX54, FIRSTNET READY, CELLULAR ROUTER, EDI ORACLE-4E DLC CARDS, GRIDSMART PROCESSOR, CCTV POE INJECTOR, APS CONTROLLER, OPTICOM MULTIMODE IR & GPS EVP SYSTEM COMPONENTS, AND OPTICOM INTELLIGREEN. FURNISH AND INSTALL ALL NECESSARY AUXILIARY EQUIPMENT TO BE A COMPLETE, FUNCTIONING AND FIELD-READY SYSTEM WITH ALL NECESSARY CABLING. CONTRACTOR TO PROGRAM VIDEO DETECTION AND GPS EQUIPMENT.
2. FURNISH AND INSTALL TYPE III-AF SERVICE ENCLOSURE CONFIGURED TO EL DORADO COUNTY SPECIFICATIONS. ALL ELECTRICAL TO BE METERED AS SHOWN IN WIRING DIAGRAM ON SHEET E-3.
3. INSTALL CONTROLLER AND SERVICE ENCLOSURE PAD AND FOUNDATION PER DETAIL ON E-3.
4. INSTALL 4-SECTION SIGNAL HEAD. SEE DETAIL 'A' ON THIS SHEET.
5. PEU SHALL BE MOUNTED IN SERVICE CABINET.
6. 2"C, 3#2 (SERVICE).
7. INSTALL 2-2"C, SCHEDULE 40 HDPE, ORANGE IN COLOR, FIBER OPTIC CABLE CONDUIT PER CALTRANS SPECIFICATIONS FOR CONDUIT, PULL BOXES, AND SWEEPS.
8. FURNISH AND INSTALL FIBER OPTIC GRIDSMART CAMERA WITH PERFORMANCE MODULE FOR VEHICLE AND BICYCLE DETECTION.
9. FURNISH AND INSTALL OPTICOM GPS EVP RADIO ON POLE.
10. FURNISH AND INSTALL AXIS Q6074-E PTZ NETWORK CAMERA AND MOUNTING HARDWARE.

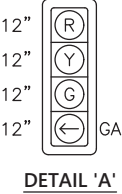
11. CONTRACTOR SHALL INSTALL TRAFFIC SIGNAL HEAD 25 FT ABOVE FINISHED GRADE.
12. 2"C, 2#8 (LIGHTING).
13. 2"C, 2#6.
14. ABANDON EXISTING 2" (FIBER OPTIC CABLE) CONDUIT. REMOVE FIBER OPTIC CABLE.
15. INSTALL NEW FIBER OPTIC CABLE FROM NEW SIGNAL CABINET TO SUNCAST LN.
16. INSTALL NEW FIBER OPTIC CABLE FROM NEW SIGNAL CABINET TO GOLDEN FOOTHILL PKWY.
17. INSTALL 2 FIBER OPTIC CABLES.



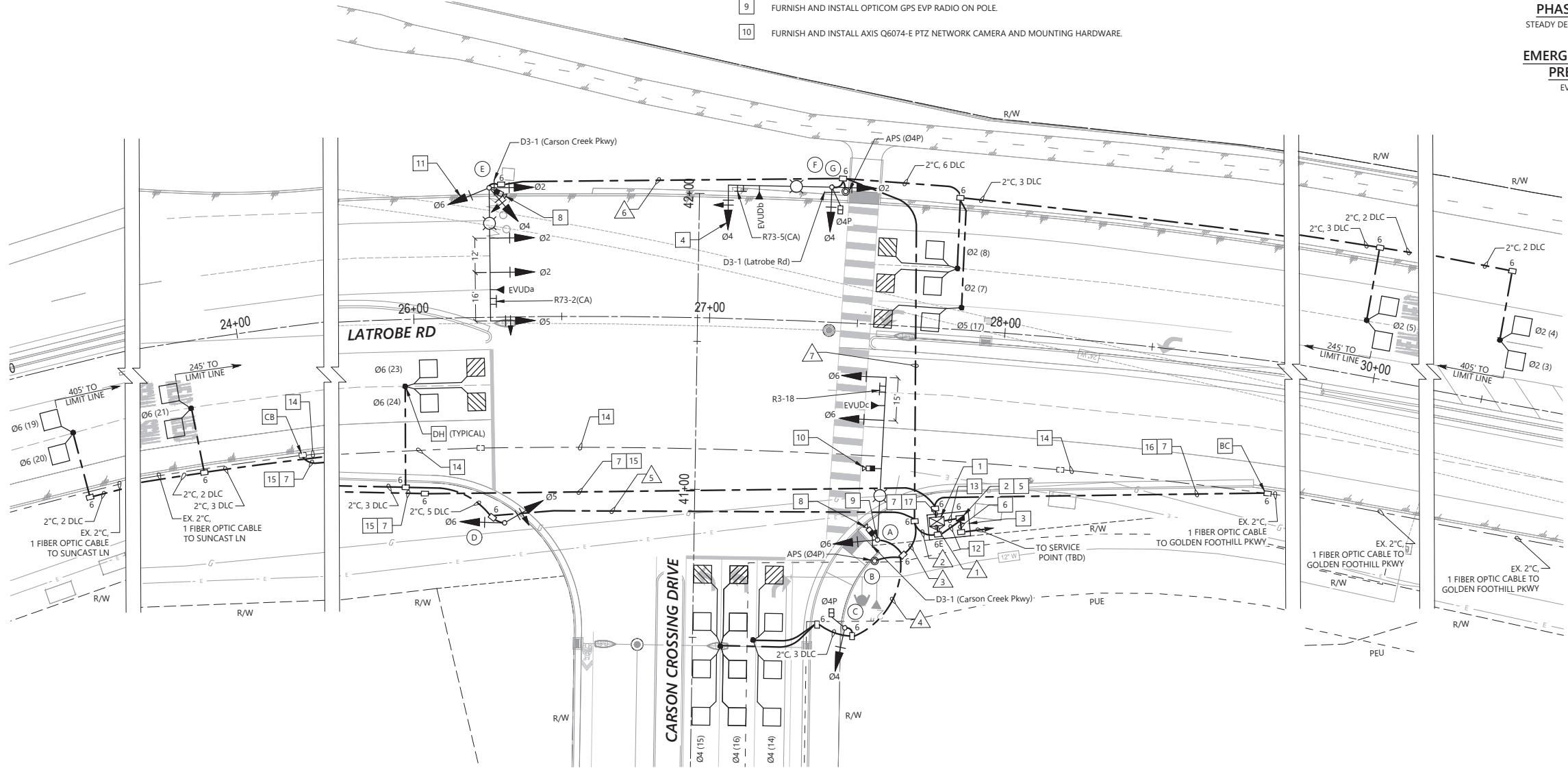
PHASE DIAGRAM
STEADY DEMAND SEQUENCE ---->

EMERGENCY VEHICLE
PREEMPTION

EVUDa=Ø2+Ø5
EVUDb=Ø4
EVUDc=Ø6



DETAIL 'A'



Underground Service Alert
Call: TOLL FREE
811/800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

POSTED SPEED
LATROBE RD = 55 MPH
CARSON CREEK = 25 MPH



JOB SET
TRANSPORTATION
07/02/2025

SIGN

[Signature]

FEHR PEERS

1013 Galleria Boulevard
Suite 255
Roseville, CA 95678
(916) 773-1900

GED CARSON CROSSING DRIVE
LATROBE RD AND CARSON CROSSING DR
TRAFFIC SIGNAL PLAN
EL DORADO COUNTY
CALIFORNIA

E-1

1 OF 3