

# IMPROVEMENT PLANS FOR OFF-SITE IMPROVEMENTS TULLOCH DAY USE SITE 7430 O'BYRNES FERRY ROAD, COPPEROPOLIS, CA. 95228 A.P.N. 064-029-062-000

**GENERAL NOTES:**

1. ALL WORK SHALL CONFORM TO CALAVERAS COUNTY STANDARDS OR CALTRANS STANDARDS UNLESS OTHERWISE NOTED.
2. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
3. THE EXISTING UNDERGROUND UTILITIES SHOWN WERE PLOTTED FROM EXISTING AVAILABLE RECORDS OBTAINED FROM THE UTILITY COMPANIES. NEITHER THE OWNER NOR THE ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY OF SUCH RECORDS AND DO NOT GUARANTEE THAT ALL UNDERGROUND FACILITIES ARE LOCATED PRECISELY AS SHOWN. PRIOR TO BEGINNING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN FROM ALL UTILITY COMPANIES THE FIELD LOCATION OF THEIR UNDERGROUND FACILITIES. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION.
4. EXCAVATION SAFETY REQUIREMENTS INCLUDE SUBMITTING A CAL OSHA PERMIT OR LETTER OF NOTIFICATION TO THE COUNTY BEFORE EXCAVATION OF OVER FIVE FEET DEEP. REFER TO COUNTY CONSTRUCTION SPECIFICATIONS "EXCAVATION SAFETY" FOR ADDITIONAL REQUIREMENTS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN. SUCH IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT HIS EXPENSE.
6. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF ANY EXCAVATION WORK BY CALLING 811 OR 800-227-2600.
7. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL PERFORM THE NECESSARY EARTHWORK CALCULATIONS TO DETERMINE THE AMOUNT OF CUT AND FILL AND RESULTANT EXCESS OR SHORTAGE OF DIRT ONSITE, AND NOTIFY THE CIVIL ENGINEER OF HIS RESULTS.
8. APPROPRIATE DUST CONTROL IS TO BE PROVIDED FOR THE ALLEVIATION OR PREVENTION OF A DUST NUISANCE AT THE CONTRACTOR'S EXPENSE.
9. CONTRACTOR SHALL GIVE THE CIVIL ENGINEER A MINIMUM OF 72 HOURS NOTIFICATION PRIOR TO ANY AND ALL STAKING.
10. GRADING SHALL BE COMPLETED BEFORE STARTING ANY UNDERGROUND CONSTRUCTION.
11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING FACILITIES.
12. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER.
13. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT ISSUE OF "MANUAL OF TRAFFIC CONTROLS WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAYS" PUBLISHED BY THE STATE OF CALIFORNIA BUSINESS AND TRANSPORTATION AGENCY.
14. INTENTIONALLY LEFT BLANK.
15. THE OFFICE OF CALAVERAS COUNTY PUBLIC WORKS SHALL BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY WORK.
16. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF CALAVERAS COUNTY, DEPARTMENT OF PUBLIC WORKS STANDARD PLANS AND SPECIFICATIONS; AND THE LATEST EDITION OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS.
17. P.G. & E., TELEPHONE AND CABLE TV UNDERGROUND WORK SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF THE CURB, GUTTER, SIDEWALK AND PAVING.
18. CALAVERAS COUNTY OR ASSOCIATED UTILITY COMPANY AND RESIDENCES TO BE AFFECTED SHALL BE NOTIFIED IMMEDIATELY UPON ANY UTILITY SERVICE DISRUPTION OTHER THAN SPECIFIED ON THESE IMPROVEMENT PLANS AND A 24 HOUR NOTICE SHALL BE GIVEN FOR ANY PLANNED DISRUPTION.
19. DUST SHALL BE CONTROLLED AS PER SECTION 10 OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS AND CALAVERAS COUNTY'S SPECIFICATIONS.
20. AN ENCROACHMENT PERMIT SHALL BE OBTAINED FROM CALAVERAS COUNTY, DEPARTMENT OF PUBLIC WORKS OR ANY OTHER APPLICABLE AGENCIES PRIOR TO COMMENCEMENT OF WORK WITHIN EXISTING RIGHT-OF-WAY.
21. STREET SIGNS, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT LOCATIONS ESTABLISHED BY THE COUNTY.
22. THE CONTRACTOR SHALL SECURE A TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH.
23. ASPHALT CONCRETE SHALL BE PLACED ONLY WHEN THE ATMOSPHERIC TEMPERATURE IS ABOVE 50°F.
24. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCEMENT OF WORK. HE SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF ALL SUCH FACILITIES IN THE AREA OF CONSTRUCTION AND SHALL NOTIFY UTILITIES FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY CONSTRUCTION.
25. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE REMOVAL OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
26. FOR SOILS REPORT REFER TO CONDOR EARTH PROJECT NO. 7262F DATED FEBRUARY 12, 2021.

27. ALL WATER LINES SHALL BE TESTED AND DISINFECTED IN COMPLIANCE WITH THE REQUIREMENTS OF CALAVERAS COUNTY STANDARD PLANS AND SPECIFICATIONS, PRIOR TO FINAL ACCEPTANCE.(IF APPLICABLE)

28. DILLON & MURPHY, CONSULTING CIVIL ENGINEERS, WILL NOT PROVIDE ELECTRONIC FILES OR VERTICAL AND HORIZONTAL CONTROL POINTS TO BE USED IN PREPARATION OF "GPS" STAKING MODELS" OR FOR USE IN "GPS CONSTRUCTION STAKING" ACTIVITIES TO ANY INDIVIDUAL OR COMPANY THAT IS NOT LICENSED IN THE STATE OF CALIFORNIA TO PRACTICE CIVIL ENGINEERING AND/OR PROFESSIONAL LAND SURVEYING.

29. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TRAFFIC CONTROL PLAN.

**INDEX OF SHEETS**

SHEET 1 TITLE SHEET  
SHEET 2 IMPROVEMENT PLAN  
SHEET 3 STRIPING PLAN



VICINITY MAP  
NOT TO SCALE

**LEGEND**

ARV	AIR RELIEF VALVE		LIGHT POLE
BFP	BACK FLOW PREVENTOR		CATCH BASIN
BM	BENCH MARK		EX. FIRE HYDRANT
CONC.	CONCRETE		EX. GAS METER BOX
DRWY	DRIVEWAY		EX. WATER METER BOX
(E)	EXISTING		EX. ELECTRICAL METER BOX
EB	ELECTRICAL BOX		GRADE TO DRAIN
EX.	EXISTING		EX. UTILITY
FH	FIRE HYDRANT		PROPOSED GRADE
FC	FIRE CONNECTION		DIRECTION OF TRAFFIC
ICV	IRRIGATION CONTROL VALVE		INSTALL 3,000 PSI CONCRETE OVER 4" SAND 95% RC
INV	INVERT		INSTALL 0.2" AC OVER 0.35" AB @ 95% RC OR 12" AC DEEPLIFT WITH 2" MAXIMUM LIFTS
LTP	LIGHT POLE		
MW	MONITORING WELL		
(N)	NEW		
PG&E	PACIFIC GAS AND ELECTRIC POWER POLE		
PP	POWER POLE		
SD	STORM DRAIN		
SDMH	STORM DRAIN MANHOLE		
SS	SANITARY SEWER		
SSCO	SANITARY SEWER CLEAN-OUT		
SSMH	SANITARY SEWER MANHOLE		
TB	TELEPHONE BOX		
VB	VALVE BOX		
W	WATER		
WM	WATER METER		
WV	WATER VALVE		
STDS.	STANDARDS		



**DILLON & MURPHY ENGINEERING**  
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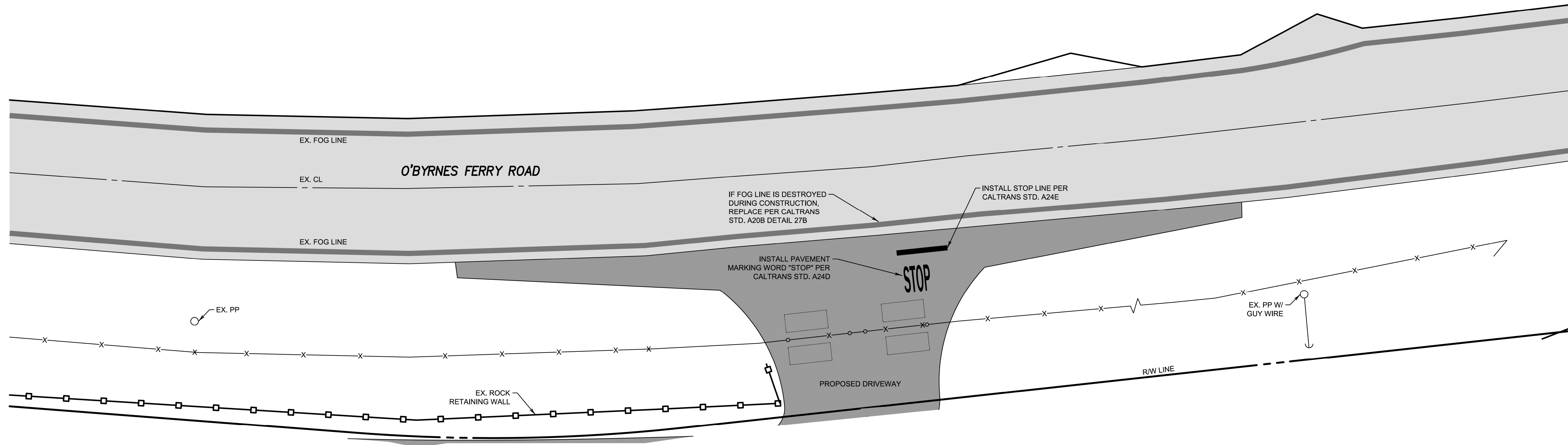
**TRI-DAM PROJECT  
TULLOCH DAY USE SITE  
COMMERCIAL ROAD APPROACH  
TITLE SHEET**

CALAVERAS, CALIFORNIA  
MARCH, 2021

REV. NO.	DESCRIPTION	DATE	SCALE: AS NOTED	BENCH MARK: DF8621, EL.: 853.6	SHEET
			DRAWN BY: MT, JMC		C1
			DESIGNED BY:	DESCRIPTION: SURVEY DISK IN ROCK STAMPED "POKER" 0.75 MILES EAST ON O'BYRNES FERRY ROAD FROM THE EAST END OF BRIDGE OVER STANISLAUS RIVER AT POKER FLAT	OF 3 SHEETS
			CHECKED BY: MT, JM	DATUM: NAVD83	JOB NO. 20146
			AS BUILT BY:		

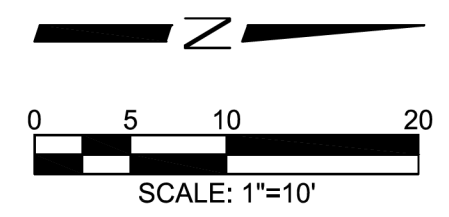
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**LEGEND**

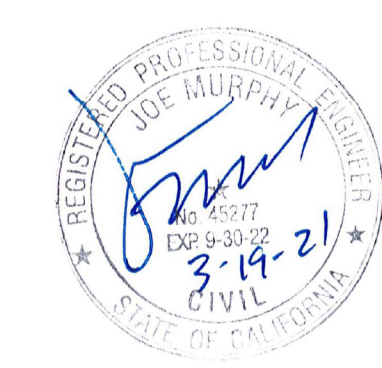
- EX. W/ PP R/W
- EXISTING ASPHALT CONCRETE
- PROPOSED ASPHALT CONCRETE 0.2" AC OVER 0.35" CLASS II AB @ 95% RC.



**DM**  
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**TRI-DAM PROJECT  
 TULLOCH DAY USE SITE  
 COMMERCIAL ROAD APPROACH  
 STRIPING PLAN**

CALAVERAS, CALIFORNIA  
 MARCH, 2021



REV. NO.	DESCRIPTION	DATE	SCALE: 1"=10'	BENCH MARK: DF8621, EL.: 853.6	SHEET
	DRAWN BY: MT				C3
	DESIGNED BY: JM			DESCRIPTION: SURVEY DISK IN ROCK STAMPED POKER, 0.75 MILES EAST ON O'BYRNES FERRY ROAD FROM THE EAST END OF BRIDGE OVER STANISLAUS RIVER AT POKER FLAT DATUM: NAVD88	OF 3 SHEETS
	CHECKED BY: JM				JOB NO. 20146
	AS BUILT BY:				

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