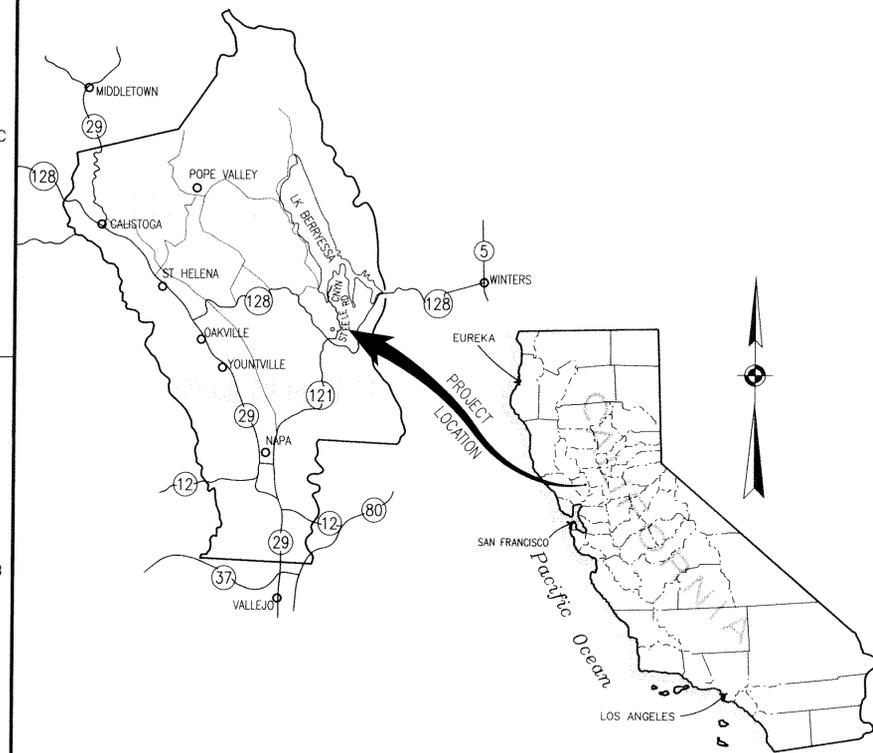


NAPA COUNTY, DEPARTMENT OF PUBLIC WORKS

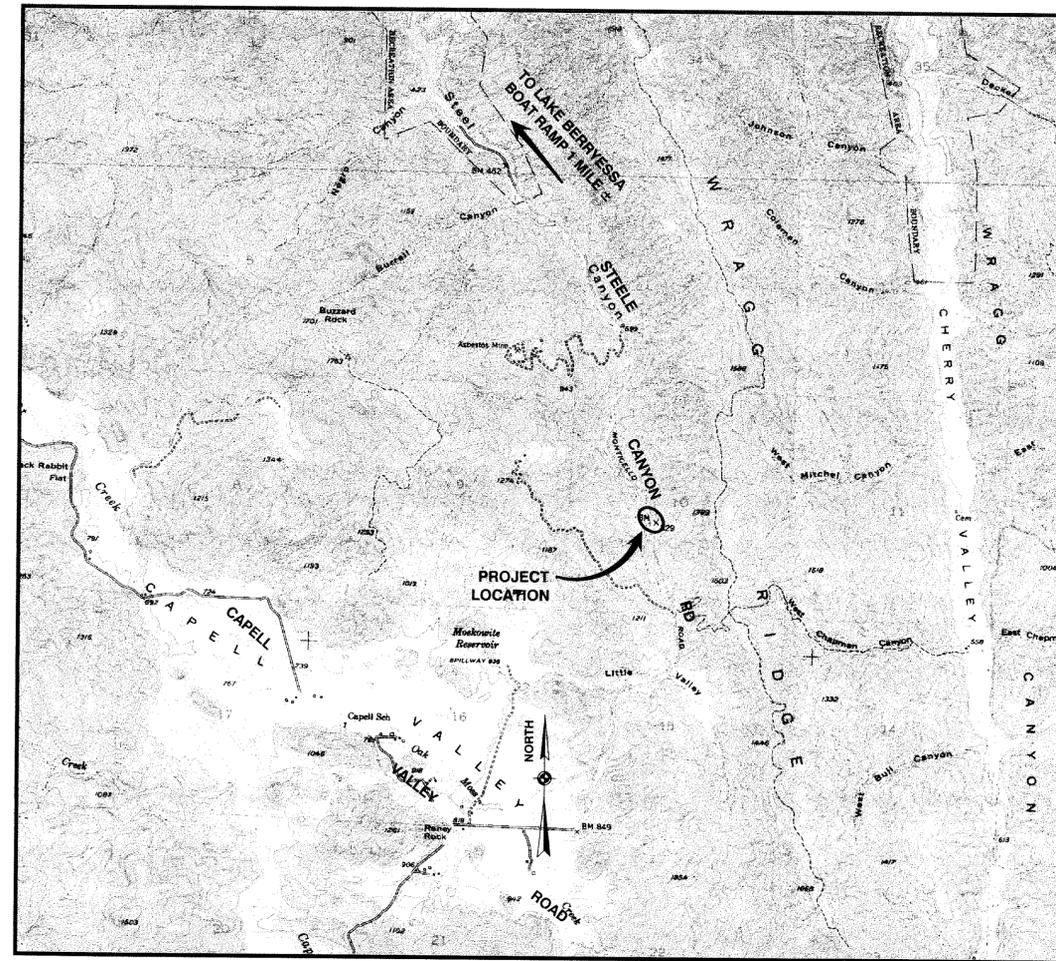
STEELE CANYON ROAD FEMA REPAIRS AT M.P. 2.00

RDS 07-26, FEMA PW 2891

MAY 2008



LOCATION MAP
N.T.S.



VICINITY MAP

SHEET INDEX

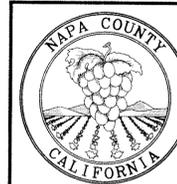
G-1.0	1 of 10	COVER SHEET
G-2.0	2 of 10	GENERAL NOTES SYMBOLS & ABBREVIATIONS
C-1.0	3 of 10	MP 2.00 TRAFFIC CONTROL PLAN
C-2.0	4 of 10	MP 2.00 EX. SITE / DEMO PLAN & PROFILE
C-3.0	5 of 10	MP 2.00 SITE PLAN & PROFILE
C-3.1	6 of 10	MP 2.00 - SECTIONS STA 10+00 TO 11+50
C-3.2	7 of 10	MP 2.00- SECTIONS STA 11+75 TO 12+50
C-3.3	8 of 10	MP 2.00 - SECTIONS STA 12+75 TO 13+50
C-4.0	9 of 10	MP 2.00 STRIPING & SIGNAGE PLAN
C-5.0	10 of 10	MP 2.00 DETAILS

CLIENT: NAPA COUNTY DEPT. OF PUBLIC WORKS

BOB PETERSON, DIRECTOR OF PUBLIC WORKS



APPROVAL *Robert J. Peterson* 5/27/08
SIGNED DATE



NOT IN CONTRACT
FOR REFERENCE ONLY

SYMBOL	DESCRIPTION	DATE	APPROVED	REVISIONS

WINZLER KELLY
ENGINEERS
CONSULTING
633 THIRD STREET
EUREKA, CA 95501-0417
PH (707) 443-8326
FAX (707) 444-8330

DES JS	GJK AUC
SUPV SWM	



NAPA COUNTY
STEELE CANYON ROAD FEMA REPAIRS
AT MP 2.00
GENERAL
COVER SHEET

JOB NUMBER
0230407001

SHEET 1 OF 10

G-1.0

SYMBOLS:

GENERAL:

—+—	CENTERLINE
∅	DIAMETER
±	APPROXIMATE
⊙	AT
△	DELTA
	SECTION OR DETAIL DESIGNATION (LETTER INDICATES SECTION, NO. INDICATES DETAIL)
	SHEET WHERE SECTION OR DETAIL OCCURS
	SHEET FROM WHICH SECTION OR DETAIL WAS TAKEN

TOPOGRAPHIC:

	NEW	LIMITS OF CONSTRUCTION
	EXISTING	PROPERTY LINE (APPROXIMATE)
	NEW	RIGHT OF WAY LINE (APPROXIMATE)
	EXISTING	FENCE
	NEW	ROAD CENTER
	EXISTING	AC PAVEMENT
	NEW	ROADSIDE GUARDRAIL
	EXISTING	CONTOUR LINE

TOPOGRAPHIC:

	NEW	TOP OF BANK
	EXISTING	TOE OF BANK
	NEW	DRAINAGE/CREEK/DITCH/SWALE
	EXISTING	TREE
	NEW	TEMPORARY BENCH MARK
	EXISTING	SURVEY CONTROL POINT
	NEW	SURVEY MONUMENT
	EXISTING	ROAD SIGN
	NEW	MONITORING WELL
	EXISTING	TEST PIT BORING

UTILITY:

	NEW	STORM DRAIN/CULVERT
	EXISTING	UNDERGROUND ATT&T CONDUIT

ABBREVIATIONS:

AB ANCHOR BOLT	(E) EXISTING	MAX MAXIMUM	S SLOPE
AB AGGREGATE BASE	E EAST	M METER	SAT SATURATED
AC ASPHALT CONCRETE	EA EACH	MFR MANUFACTURER	SCH. SCHEDULE
AGG AGGREGATE	EC END CURVE	MH MAN HOLE	SD STORM DRAIN
ARV AIR-VACUUM RELEASE VALVE	EF EACH FACE	MIN MINIMUM	SDMH STORM DRAIN MANHOLE
ASS'Y. ASSEMBLY	EP EDGE PAVING	MISC MISCELLANEOUS	SHT SHEET
AVE AVENUE	EQ EQUAL	MG MILLION GALLON	SIM SIMILAR
AWWA AMERICAN WATER WORKS ASSOCIATION	ER EDGE ROAD	N NORTH	SO SOUTH
AT AT	EL/ELEV ELEVATION	(N) NEW	SS SANITARY SEWER
B- BORING, SEE SHT. G5	ELEC ELECTRIC	NIC NOT IN CONTRACT	S STL STAINLESS STEEL
BC BEGIN CURVE	ENGR ENGINEER	NO NUMBER	STA STATION
BF BLIND FLANGE	EVC END VERTICAL CURVE	NTS NOT TO SCALE	STD STANDARD
BFP BACK FLOW PREVENTER	EW EACH WAY	OC ON CENTERS	STL STEEL
BM BENCH MARK	FIN FINISH	OPNG OPENING	TC TOP OF CURB
BLDG BUILDING	FF FINISH FLOOR	PCC PORTLAND CONCRETE CEMENT	T, TEL TELEPHONE
BLVD BOULEVARD	FL, FL FLOW LINE	PE POLYETHYLENE	THK THICK
BO BLOW OFF	FLR FLOOR	PL PLATE	TG TOP GRATE
BOT BOTTOM	FP FIRE PROTECTION	P/L, R PROPERTY LINE	TP TEST PIT, SEE SHT. G5
BVC BEGIN VERTICAL CURVE	FS FINISHED SURFACE	PLCS PLACES	TS TOP OF SLAB
C CONDUIT	FT FOOT OR FEET	PLWD PLYWOOD	TW TOP OF WALK
CL, Q CENTERLINE	FTG FOOTING	PCC POINT OF CONNECTION	TYP TYPICAL
CLR CLEAR, CLEARANCE	G GAS LINE	PP POWER POLE	UBC UNIFORM BUILDING CODE
CO CLEANOUT	GAL GALLON	PRV PRESSURE REDUCING VALVE	UNO UNLESS OTHERWISE NOTED
CMP CORRUGATED METAL PIPE	GALV GALVANIZED	PSI POUNDS PER SQUARE INCH	V VOLT(S)
CMU CONCRETE MASONRY UNIT	GR GRADE	PT PRESSURE TREATED	VERT VERTICAL
CONC CONCRETE	GRD GROUND	PVC POLYVINYL CHLORIDE PLASTIC PIPE	W/ WITH
CONT CONTINUOUS	GV GATE VALVE	R, RAD RADIUS	W WATER
COORD COORDINATE	HB HOSE BIBB	RC RELATIVE COMPACTION	WD WIDE
COR CORNER	HORZ HORIZONTAL	RCP REINFORCED CONCRETE PIPE	XING CROSSING
CU CUBIC	HPS HIGH PRESSURE SODIUM	RD ROAD	YD YARD
CV CHECK VALVE	HWY HIGHWAY	RDWD REDWOOD	
d DIA. (NAIL SIZE)	IP IRON PIPE	REQ'D REQUIRED	
DTL DETAIL	INV INVERT	REQ'T REQUIREMENT	
DI DROP (DRAINAGE) INLET	JCT JUNCTION	RPP REDUCED PRESSURE PRINCIPAL	
DF DOUGLAS FIR	L LENGTH	RSP ROCK SLOPE PROTECTION	
DR DRIVE	LAT LATERAL	RT RIGHT	
DW DOMESTIC WATER LINE	LS LIFT STATION	R/W RIGHT-OF-WAY	
DWG DRAWING	LT LEFT		

NOTE: CONTACT ENGINEER FOR ABBREVIATIONS NOT LISTED.

NOT IN CONTRACT FOR REFERENCE ONLY

NO.	DESCRIPTION	DATE	APPROVED

WINZLER KELY ENGINEERS CONSULTING
 633 THIRD STREET
 EUREKA, CA 95501-0417
 PH (707) 443-8326
 FAX (707) 444-8330

RES JS
 SUPV SAA
 DES JS
 CHK SXM
 DRAWING SCALE AS NOTED



NAPA COUNTY
 STEELE CANYON ROAD FEMA REPAIRS
 AT MP 2.00
 GENERAL NOTES, SYMBOLS & ABBREVIATIONS

JOB NUMBER 0230407001
 SHEET 2 OF 10
G-2.0



GENERAL NOTES:

- CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE 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 COUNTY AND ITS REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN CONJUNCTION WITH THE PERFORMANCE OF THIS PROJECT.
- CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING STRUCTURES, ROADS, AND UTILITIES DURING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY LOCATIONS, LEVELS, DISTANCES, AND FEATURES THAT MAY AFFECT THE WORK. SHOULD EXISTING CONDITIONS DIFFER FROM THOSE SHOWN OR INDICATED, OR IF IT APPEARS THAT THESE PLANS, STANDARD SPECIFICATIONS, AND SPECIAL PROVISIONS DO NOT ADEQUATELY DETAIL THE WORK TO BE DONE, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WITH ANY RELATED WORK. NO ALLOWANCE WILL BE MADE IN HIS BEHALF FOR ANY EXTRA EXPENSE RESULTING FROM FAILURE OR NEGLECT IN DETERMINING THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE.
- A SET OF SIGNED WORKING DRAWINGS AND A SET OF SPECIFICATIONS WILL BE KEPT AT ALL TIMES AT THE JOB SITE ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING ALL EXISTING UTILITIES, ARE TO BE RECORDED AND/OR CORRECTED DAILY AND SUBMITTED TO THE COUNTY ENGINEER WHEN THE WORK TO BE DONE IS COMPLETED.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT TEMPORARY BARRIERS TO PROVIDE FOR THE SAFETY OF THE STAFF AND PUBLIC TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR.
- CONTRACTOR SHALL CONTACT THE COUNTY'S DIRECTOR OF PUBLIC WORKS, OR HIS/HER DESIGNEE, TO ARRANGE A PRE-CONFERENCE FOR THE PURPOSE OF REVIEWING JOB REQUIREMENTS AND COUNTY PROCEDURES.
- ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL COOPERATE WITH ALL COUNTY STAFF, IF REQUIRED, TO FACILITATE MAKING AREAS READY FOR WORK.
- CONTRACTOR SHALL NOTIFY THE DIRECTOR OF PUBLIC WORKS AT LEAST 72 HOURS IN ADVANCE OF COMMENCEMENT OF ANY PART OF THE WORK.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION SCHEDULE WITH DIRECTOR OF PUBLIC WORKS TO MINIMIZE IMPACT TO RESIDENTS.
- CONTRACTOR IS RESPONSIBLE FOR PROCURING AND PAYING FOR ANY BUILDING, ENCROACHMENT AND OR TRANSPORTATION PERMITS.

GENERAL NOTES CONT.:

- ~~CONTRACTOR SHALL WORK ON THE WEEKEND ONLY IF REQUIRED BY ANY PERMITS.~~
- ALL UTILITIES SHOWN (IF ANY) WERE TAKEN FROM ABOVE GROUND VISUAL STRUCTURES. NO UTILITY RESEARCH WAS CONDUCTED FOR THIS SITE. NOTIFY UNDERGROUND SERVICES ALERT PRIOR TO ANY GRADING OR EXCAVATION WITHIN THE SITE 1-800-227-2600.
- UNSUITABLE EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS SUCH AS COUNTY GRADING ORDINANCES. CONTRACTOR RESPONSIBLE FOR PROPER DISPOSAL OF UNSUITABLE MATERIALS TAKEN FROM SITE.
- (N) ASPHALT SHALL BE TYPE A, 3/4" MAXIMUM AND PLACED PER CALTRANS STANDARD SPECIFICATIONS.
- ALL WORK SHALL COMPLY WITH STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) PER PROJECT SPECIFICATIONS UNLESS NOTED OTHERWISE
- CONTRACTOR TO FOLLOW RECOMMENDATIONS IN REPORT OF GEOTECHNICAL INVESTIGATION DATED JULY 27, 2007, UNDER SEPERATE COVER.
 Blackburn Consulting
 2437 Front Street
 West Sacramento, CA 95691
 916-375-8706
- WORK PHASING SHALL OCCUR AS FOLLOWS:
 A. TRAFFIC CONTROL, SINAGE, TRAFFIC BARRICADES, MOBILIZATION.
 B. INSTALL EROSION CONTROL BMP'S.
 C. DEMOLITION OF EXISTING PAVEMENT, CLEAR & GRUB.
 D. EXCAVATION FOR TOE BENCH OF RECONSTRUCTED EMBANKMENT AND SUBSURFACE DRAINAGE.
 E. RECONSTRUCT EMBANKMENT AND FINISHED OUTER SLOPE.
 F. INSTALL UNDER DRAIN ALONG INNER ROAD AREA.
 H. PLACEMENT OF STRUCTURAL BACKFILL, AGGREGATE BASE, AND INSTALL (N) METAL BEAM GUARDRAIL.
 I. FINAL GRADING, PAVING, & RE-VEGETATION.
 J. REMOVAL OF TRAFFIC CONTROL, DEMOBILIZATION.

SURVEY:

- THE BASIS OF ELEVATIONS USED FOR THIS SURVEY IS A NAIL AND SHINER IN THE NORTH OF THE PROJECT SITE AND SLIDE AREA. THAT ELEVATION BEING ASSUMED AT 200.00 FEET.
- SITE TOPOGRAPHY SURVEY CONDUCTED BY WINZLER AND KELLY IN MAY 2007. HORIZONTAL AND VERTICAL DATUMS ASSUMED.

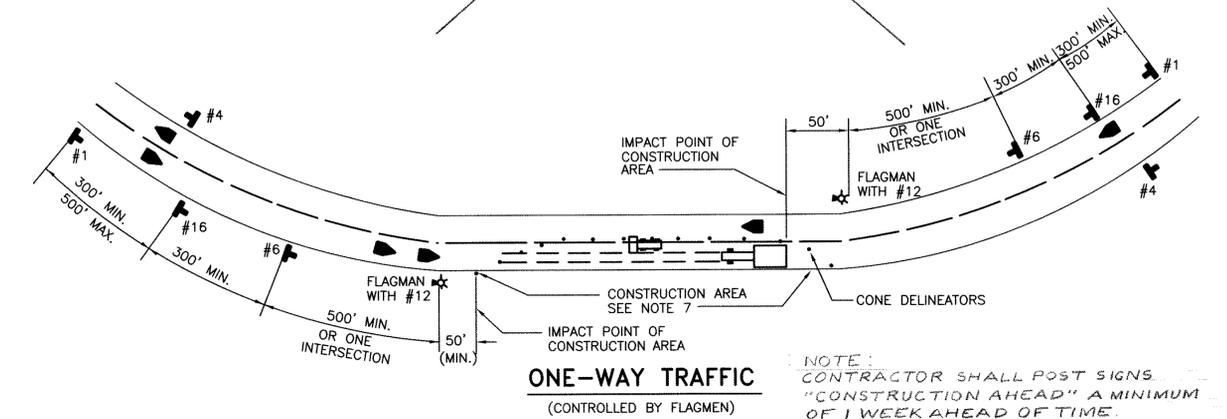
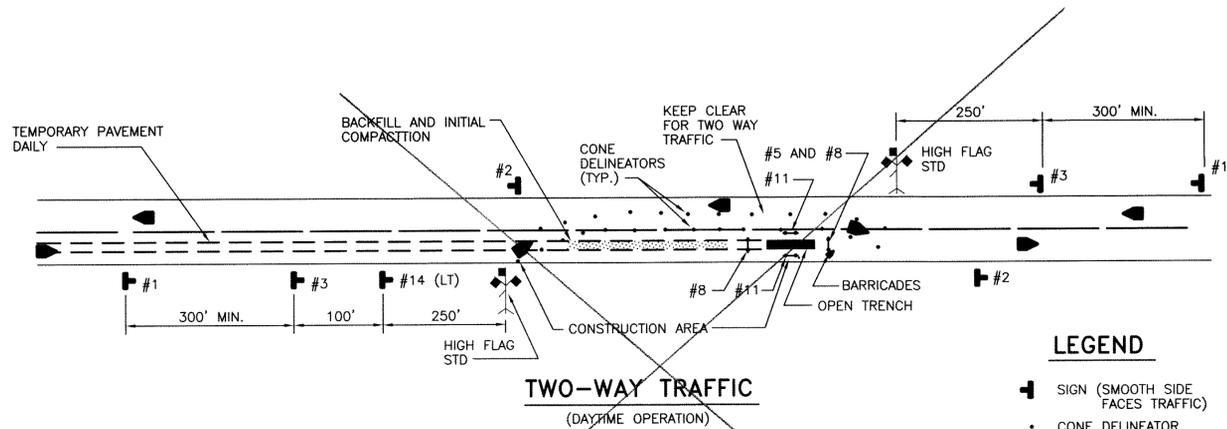
TRAFFIC CONTROL NOTES:

- TEMPORARY LANE CLOSURE TRAFFIC CONTROL ON STEELE CANYON ROAD TO BE CONSISTENT W/ LANE CLOSURE FOR LOW VOLUME, TWO-LANE ROADS PER CALTRANS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ISSUES BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION - CURRENT EDITION. AT LEAST ONE LANE OF STEELE CANYON ROAD SHALL REMAIN OPEN AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR MAY COMPLETELY CLOSE ROAD UP TO FIVE MINUTES PER HOUR.
- CONTRACTOR TO COORDINATE TRAFFIC CONTROL WITH NAPA COUNTY.

EROSION & SEDIMENT CONTROL NOTES:

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MINIMIZE EROSION AND PREVENT THE TRANSPORT OF SEDIMENT TO SENSITIVE AREAS.
- AT A MINIMUM, THE CONTRACTOR SHALL EMPLOY THE FOLLOWING BEST MANAGEMENT PRACTICES (BMPs) AS DESCRIBED IN THE CURRENT CALTRANS STORM WATER QUALITY HANDBOOK AS NEEDED:
 SS-2 PRESERVATION OF EXISTING VEGETATION
 SS-6 REDWOOD MULCH
 SS-10 OUTLET PROTECTION/VELOCITY DISSIPATION DEVICES
 SC-1 SILT FENCE
 NS-2 DEWATERING OPERATIONS
 NS-3 PAVING AND GRINDING OPERATIONS
 NS-5 CLEAR WATER DIVERSION
 NS-9 VEHICLE EQUIPMENT AND FUELING
 WM-1 MATERIALS DELIVERY AND STORAGE
 WM-2 MATERIAL USE
 WM-4 SPILL PREVENTION AND CONTROL
 WM-9 SANITARY/SEPTIC WASTE MANAGEMENT
- IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIX ANY DEFICIENCIES INDICATED BY THE OWNER OR THE OWNERS REPRESENTATIVE TO PREVENT EROSION AND CONTROL SEDIMENT.
- PRIOR TO FINAL ACCEPTANCE ALL AREAS OF THE SITE WILL BE VEGETATED OR PERMANENTLY STABILIZED AND ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED.
- AT A MINIMUM, ALL DISTURBED EARTH AREAS SHALL BE MULCHED WITH STRAW.
- SLOPES ARE TO BE SEEDDED WITH ONE OF THE FOLLOWING SEED MIXES FOR POST CONSTRUCTION EROSION CONTROL:

SEED MIX ONE APPLICATION RATE= 37 LBS/ACRE	SEED MIX TWO APPLICATION RATE= 35 LBS/ACRE
BLANDO BROME 40%	BLANDO BROME 35%
ZORRO ANNUAL FESCUE 8%	ROSE CLOVER 20%
LANA VETCH 12%	ANNUAL RYEGRASS 15%
ROSE CLOVER 15%	CRIMSON CLOVER 10%
CRIMSON CLOVER 15%	CREEPING RED FESCUE 15%
SUB CLOVER 10%	ZORRO ANNUAL FESCUE 5%

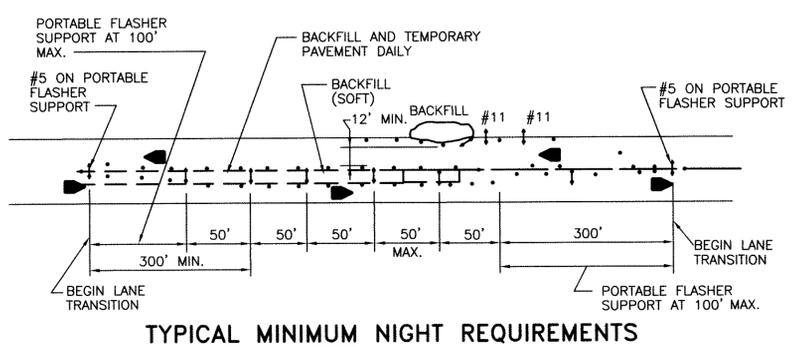


LEGEND

- SIGN (SMOOTH SIDE FACES TRAFFIC)
- CONE DELINEATOR
- ↓ PORTABLE FLASHER SUPPORT
- ➔ DIRECTION OF TRAFFIC

NOTE:
CONTRACTOR SHALL POST SIGNS "CONSTRUCTION AHEAD" A MINIMUM OF 1 WEEK AHEAD OF TIME.

 1 W20-1 (C23) BLACK ON ORANGE 30" x 30" 5" LETTERING (C SERIES)	 2 G20-2 (C14) BLACK ON ORANGE 36" x 18" 5" LETTERING (C SERIES)	 3 W20-4 (C16) BLACK ON ORANGE 48" x 48" 7" LETTERING (C SERIES)	 4 M4-8A (C7) BLACK ON ORANGE 30" x 18" 5" LETTERING (C SERIES)	 5 NONE BLACK ON ORANGE 24" x 24" (OR 36" x 36" OPTIONAL) 4" LETTERING (D SERIES)
 6 W3-4 (C36) 3" - 3 1/4" YELLOW REFLECTORS ON 15" x 6" WHITE PLATE	 7 W20-2 (C1) BLACK ON ORANGE 48" x 48" 8" LETTERING (D SERIES)	 8 (TYPE N MARKER) ORANGE 18" x 18"	 9 M4-10 (C5) BLACK ON ORANGE ON BLACK 48" x 18" 6" LETTERING (D SERIES) LEFT AND RIGHT	 10 R11-2 (C2) BLACK ON WHITE 48" x 30" 8" LETTERING (D SERIES)
 11 (TYPE K MARKER) 3" - 3 1/4" YELLOW REFLECTORS ON 15" x 6" WHITE PLATE	 12 N/A WHITE ON RED AND BLACK ON ORANGE ON BLACK 24" x 24" - 8" SERIES C LETTERS 18" x 18" - 6" SERIES C LETTERS NON-REFLECTORIZED	 13 (W3) BLACK ON ORANGE 30" x 30" LEFT AND RIGHT	 14 (W1) BLACK ON ORANGE 30" x 30" LEFT AND RIGHT	 15 W21-1 OR W21-1a (C22) BLACK ON ORANGE 30" x 30" 5" LETTERING (D SERIES)
 16 (69A) NONE	 17 (C30) BLACK ON ORANGE 30" x 30"	 BATTERY OPERATED BARRICADE FLASHER 48" MIN. 45° 8" - 12" TYP. 4" OR 6" ORANGE AND WHITE STRIPES SEE NOTE 6 TYPE III 36" MIN. PORTABLE FLASHER SUPPORT BARRICADE	 CONE DELINEATOR 18" MAX. 18" TO 48" COLOR: ORANGE	 HIGH FLAG STANDARD FOR WORKING SIGNS ORANGE FLAGS SIGN AS REQUIRED

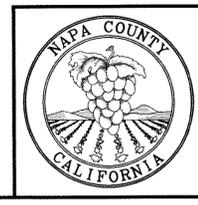


GENERAL NOTES:

- THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH THE "CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ISSUED BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS), SEPTEMBER 2006 (FHWA'S MUTCD 2003 AS AMENDED FOR USE IN CALIFORNIA).
 - THE CONTRACTOR SHALL PREPARE A DETAILED TRAFFIC CONTROL PLAN, INCLUDING TIME PERIODS, LANE CLOSURE MARKINGS, LANE CHANNELIZATIONS, DETOUR ROUTING, AND ALL SIGN LOCATIONS. PLAN SHALL BE PREPARED BY A LICENSED CA CIVIL ENGINEER AND SHALL BE SUBMITTED AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATION AND SHALL MEET WITH THE APPROVAL OF NAPA COUNTY.
 - TEMPORARY TRAFFIC CONTROL MEASURES SHALL BE IN EFFECT ONLY DURING WORK HOURS. NORMAL TRAFFIC ROUTING SHALL BE RE-ESTABLISHED AT THE END OF EACH WORK DAY. USE ARROW BOARDS FOR EACH LANE CLOSED.
 - DELINEATORS SHALL BE PLACED AT 15 FOOT INTERVALS ALONG LANE TRANSITIONAL AREAS AND AT 50 FOOT INTERVALS ALONG CONSTRUCTION AREAS.
 - DISTANCE BETWEEN SIGNS AND CONSTRUCTION AREA MAY BE VARIED DEPENDING ON TERRAIN, TRAFFIC SPEED, AND TRAFFIC VOLUME.
 - ALL WARNING SIGNS OR DELINEATORS USED FOR NIGHT TIME CONDITIONS SHALL BE REFLECTORIZED OR ILLUMINATED.
 - DURING THE HOURS WHEN NO WORK IS IN PROGRESS, WORKERS SIGNS (NO.15) AND FLAGMAN AHEAD SIGNS (NO.16) SHALL BE COVERED OR REMOVED.
 - PLACE "LANE CLOSED" SIGN (NO.17) ON FLAGTREE AT 500'- 1000' INTERVALS THROUGHOUT EXTENDED WORK ZONES. THEY ARE OPTIONAL IF THE WORK ZONE IS VISIBLE FROM THE FLAGGER STATION.
 - ONE LANE OF TRAFFIC SHALL REMAIN OPEN AT ALL TIMES. MINIMUM LANE WIDTH SHALL BE 11 FEET UNLESS NOTED OTHERWISE.
 - ALL RESIDENT, BUSINESS, AND MUNICIPAL DRIVEWAYS SHALL REMAIN OPEN AT ALL TIMES. PROVIDE TEMPORARY TRAFFIC PLATES AS REQUIRED.
 - WORK HOURS SHALL BE AS FOLLOWS:
SEE PROJECT SPECIFICATIONS
- SIGN DESIGNATION - MUTCD (CACODE)

NOT IN CONTRACT FOR REFERENCE ONLY

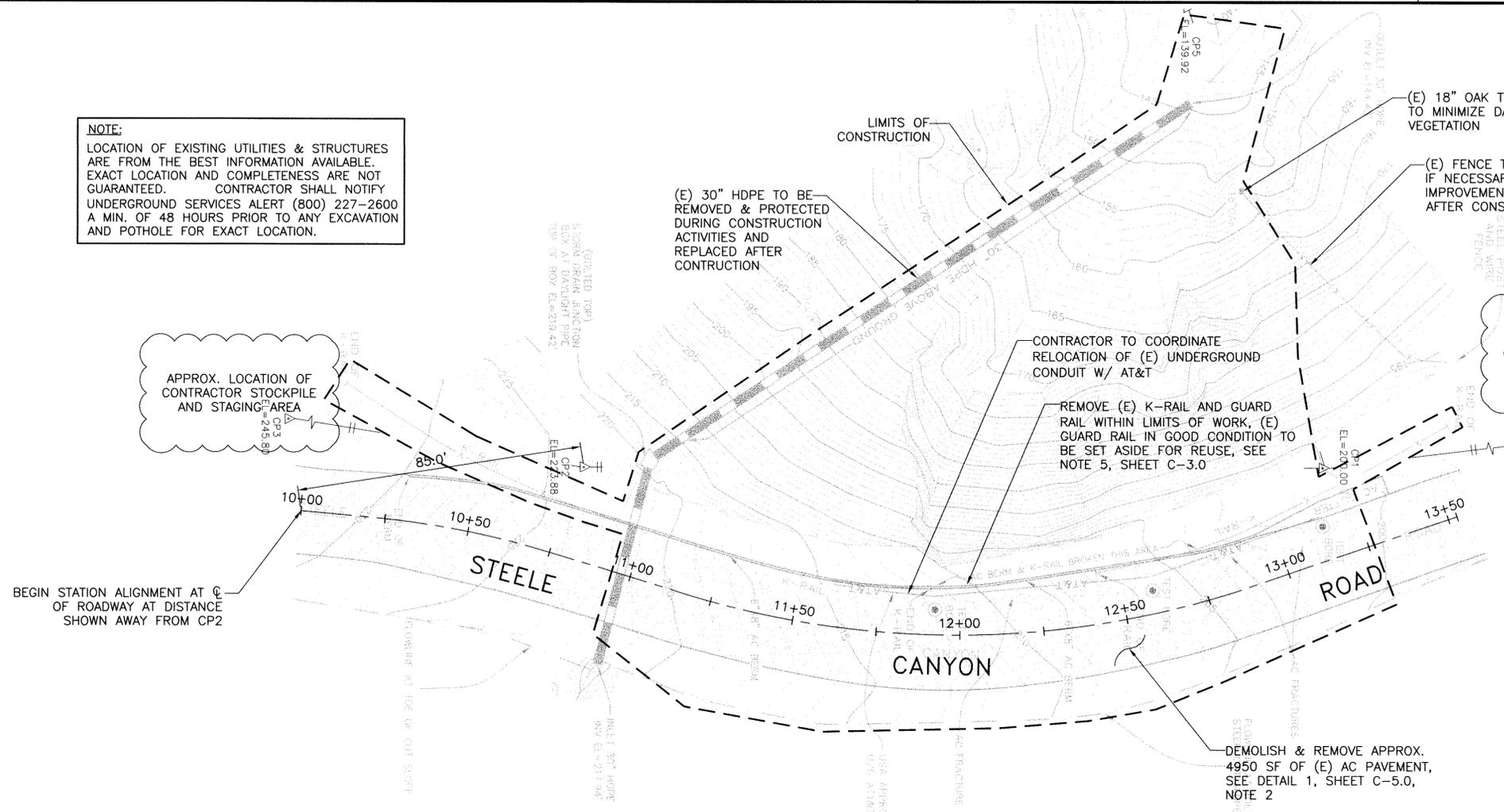
<p>WINZLER KELY ENGINEERS CONSULTING 633 THIRD STREET EUREKA, CA 95501-0417 PH (707) 443-8326 FAX (707) 444-8330</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	DESCRIPTION									
NO.	DATE	DESCRIPTION											
<p>DRAWING SCALE AS NOTED</p>	<p>DRAWING SCALE AS NOTED</p>												
<p>NAPA COUNTY STEELE CANYON ROAD FEMA REPAIRS AT MP 2.00 CIVIL MP 2.00 TRAFFIC CONTROL PLAN</p>	<p>NAPA COUNTY STEELE CANYON ROAD FEMA REPAIRS AT MP 2.00 CIVIL MP 2.00 TRAFFIC CONTROL PLAN</p>												
<p>JOB NUMBER 0230407001</p>	<p>JOB NUMBER 0230407001</p>												
<p>SHEET 3 OF 10</p>	<p>SHEET 3 OF 10</p>												
<p>C-1.0</p>	<p>C-1.0</p>												



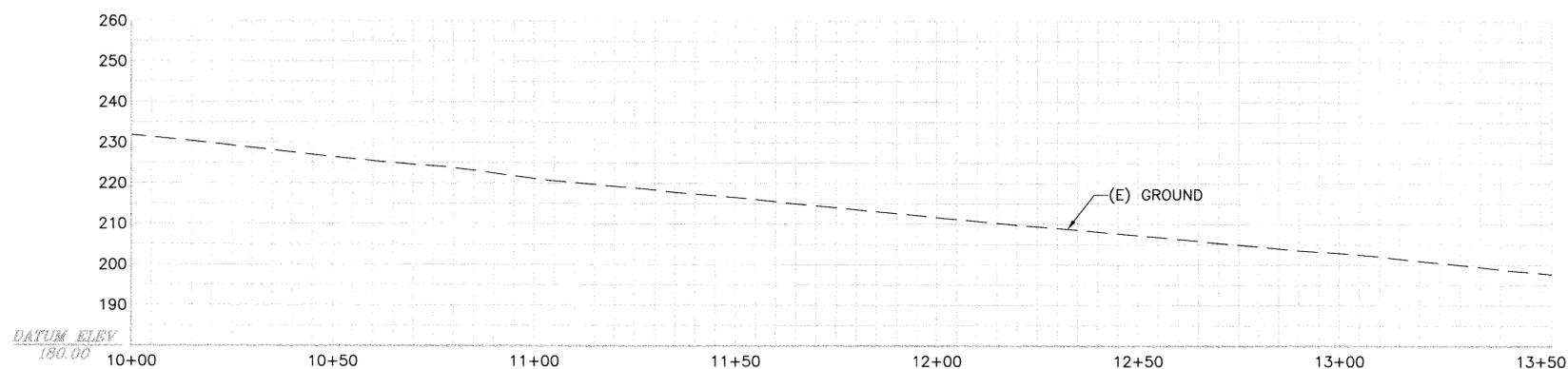
NOTE:
 LOCATION OF EXISTING UTILITIES & STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MIN. OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

APPROX. LOCATION OF CONTRACTOR STOCKPILE AND STAGING AREA

BEGIN STATION ALIGNMENT AT C OF ROADWAY AT DISTANCE SHOWN AWAY FROM CP2

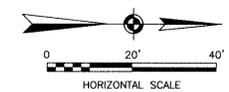


**STEELE CANYON ROAD
 MP 2.00 - EXIST. SITE PLAN**
 SCALE: SEE SCALE BAR



**STEELE CANYON ROAD
 MP 2.00 - EXIST. CL PROFILE**
 SCALE: 0 20' 40'
 GRAPHIC SCALE

**NOT IN CONTRACT
 FOR REFERENCE ONLY**



HORIZONTAL CONTROL TABLE

*STA. 10+00	N 7696.4254 E 5013.0479
CONTROL PT.#1	N 8000.0000 E 5000.0000
CONTROL PT.#2	N 7780.4180 E 5000.0000
CONTROL PT.#3	N 7612.9300 E 4973.4500
CONTROL PT.#4	N 8155.8300 E 4981.0700
CONTROL PT.#5	N 7959.5800 E 4864.0900

*LOCATED APPROXIMATELY 85' AWAY FROM CONTROL POINT NO. 2 @ C OF ROAD AS SHOWN

SYN.	DESCRIPTION	DATE	APPROVED

WINZLER KELLY ENGINEERS CONSULTING
 633 THIRD STREET
 EUREKA, CA 95501-0417
 PH (707) 443-8326
 FAX (707) 444-8330
 SUBCONSULTANT

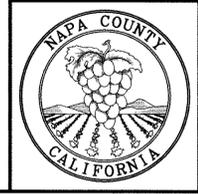
DES	JS	CHK	AJC
DRN	JS	SUP	SXM

DRAWING SCALE AS NOTED



NAPA COUNTY
 STEELE CANYON ROAD FEMA REPAIRS AT MP 2.00
 CIVIL
 MP 2.00
 EX. SITE/DEMO PLAN & PROFILE

JOB NUMBER: 0230407001
 SHEET 4 OF 10



C-2.0

NOTE:
 LOCATION OF EXISTING UTILITIES & STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MIN. OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

(E) TERMINAL GUARDRAIL SYSTEM TO BE REUSED, TYP. EACH END SEE NOTE 5

BEGIN STATION ALIGNMENT AT C OF ROADWAY AT DISTANCE SHOWN AWAY FROM CP2

(E) 30" HDPE TO BE REMOVED & PROTECTED DURING CONSTRUCTION ACTIVITIES AND REPLACED AFTER CONSTRUCTION

FINISHED GRADE OF OUTER SLOPE @ 2:1 MAX.

(N) GROUTED RIP RAP ENERGY DISSIPATION SWALE AT 30" HDPE OUTLET, APPROX 10'x10' W/ FACING CLASS (MIN. DIA. 1'-D50) 2' MIN. DEPTH

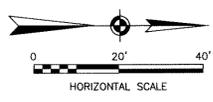
(E) 18" OAK TREE, CONTRACTOR TO MINIMIZE DAMAGE TO EXISTING VEGETATION

(N) GUARDRAIL PER DETAIL 4 SEE NOTE 5

HORIZONTAL CONTROL TABLE

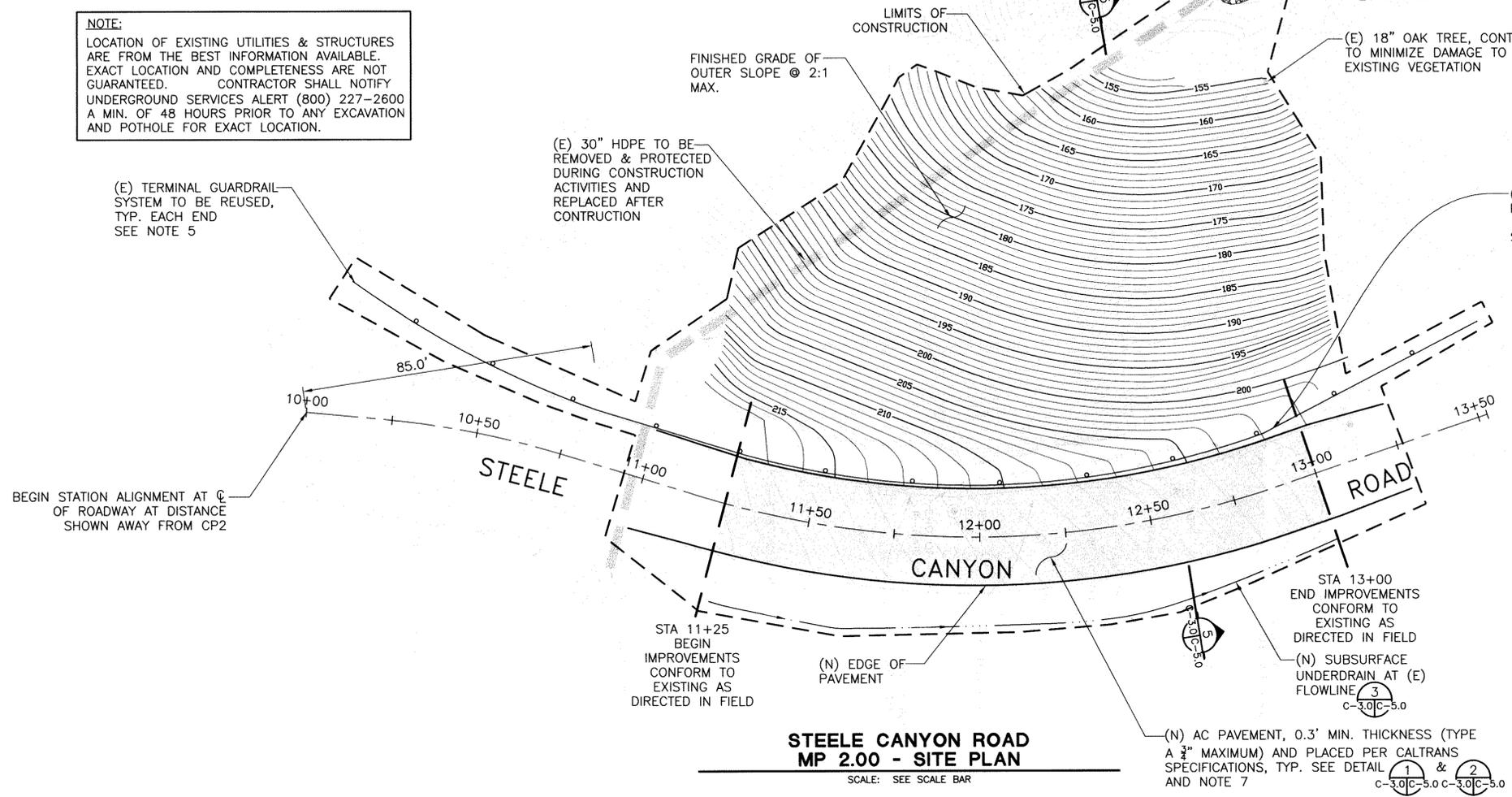
*STA. 10+00	N 7696.4254 E 5013.0479
CONTROL PT.#1	N 8000.0000 E 5000.0000
CONTROL PT.#2	N 7780.4180 E 5000.0000
CONTROL PT.#3	N 7612.9300 E 4973.4500
CONTROL PT.#4	N 8155.8300 E 4981.0700
CONTROL PT.#5	N 7959.5800 E 4864.0900

*LOCATED APPROXIMATELY 85' AWAY FROM CONTROL POINT NO. 2 @ C OF ROAD AS SHOWN

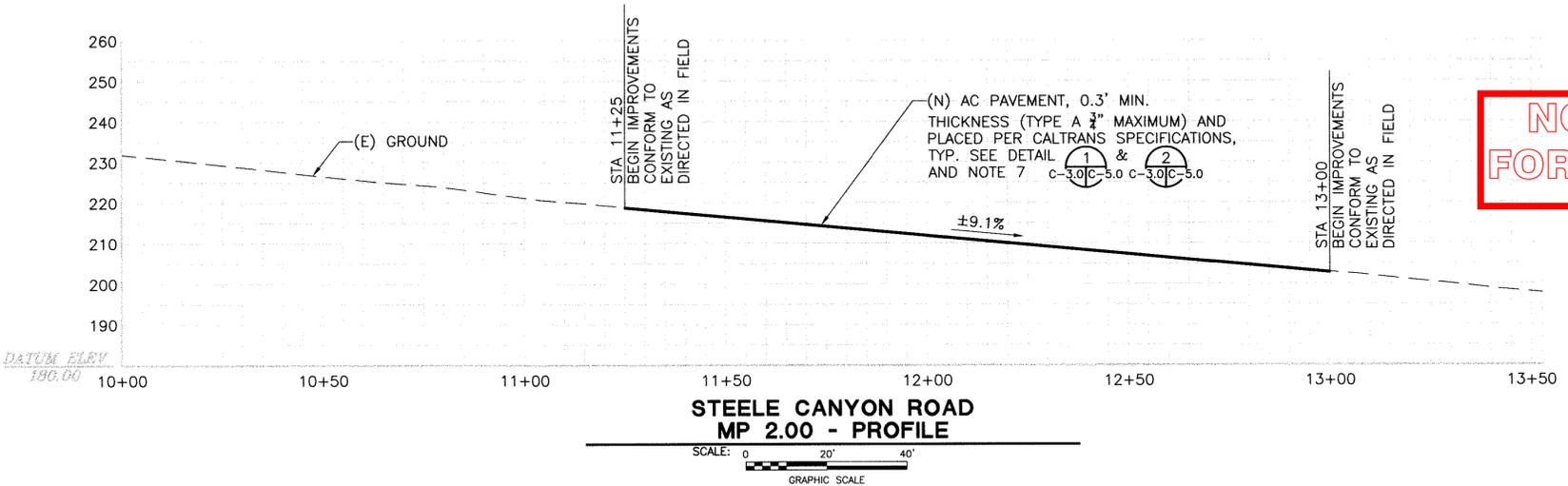


ROADWAY NOTES:

- CONTRACTOR TO EVENLY TRANSITION NEW ROADWAY TO EXISTING ROADWAY.
- CONTRACTOR MAY EXTEND LIMITS OF ROADWAY EXCAVATION AND RECONSTRUCTION TO FACILITATE CONTRACTOR ACTIVITIES. ANY EXTENSION OF LIMITS TO BE APPROVED BY THE ENGINEER. ALL COSTS ASSOCIATED WITH CONTRACTOR EXTENSION SHALL BE INCLUDED IN THE PROJECT BID.
- SEE SHEET C-1.0 FOR TRAFFIC CONTROL REQUIREMENTS.
- SOIL BORING LOCATIONS NOT SHOWN HERE, SEE GEOTECHNICAL REPORT FOR MORE INFORMATION.
- CONTRACTOR TO REUSE ALL EXISTING GUARDRAIL SEGMENTS THAT ARE IN GOOD PHYSICAL CONDITION AND SALVAGE REMAINING.
- CONTRACTOR TO COORDINATE RELOCATION OF (E) UNDERGROUND CONDUIT W/ AT&T, SEE SHEET C-2.0 FOR APPROX. LOCATION OF EXISTING CONDUIT.
- CONTRACTOR TO INSTALL (N) AC BERM ALONG WESTERLY SIDE OF IMPROVEMENTS. SEE SHEET C-5.0 FOR TYPICAL ROAD SECTION.



**STEELE CANYON ROAD
 MP 2.00 - SITE PLAN**
 SCALE: SEE SCALE BAR



**STEELE CANYON ROAD
 MP 2.00 - PROFILE**
 SCALE: 0 20' 40'
 GRAPHIC SCALE

**NOT IN CONTRACT
 FOR REFERENCE ONLY**

NO.	DESCRIPTION	DATE	APPROVED

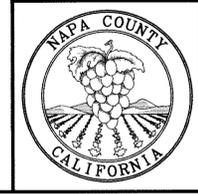
WINZLER KELLY ENGINEERS
 CONSULTING
 633 THIRD STREET
 EUREKA, CA 95501-0417
 PH (707) 443-8326
 FAX (707) 444-8330

DRAWING SCALE AS NOTED



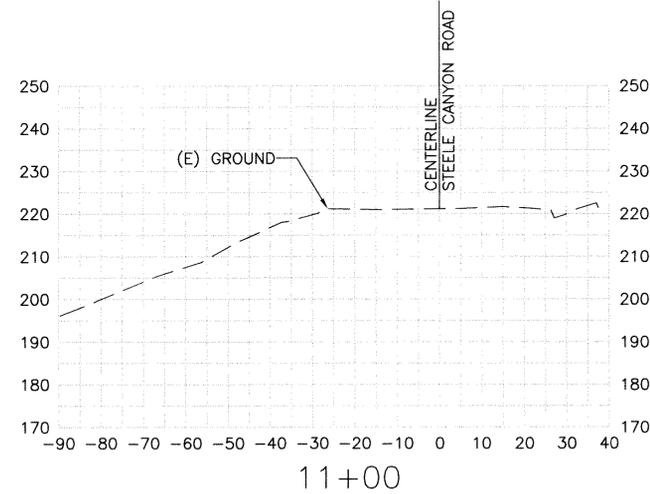
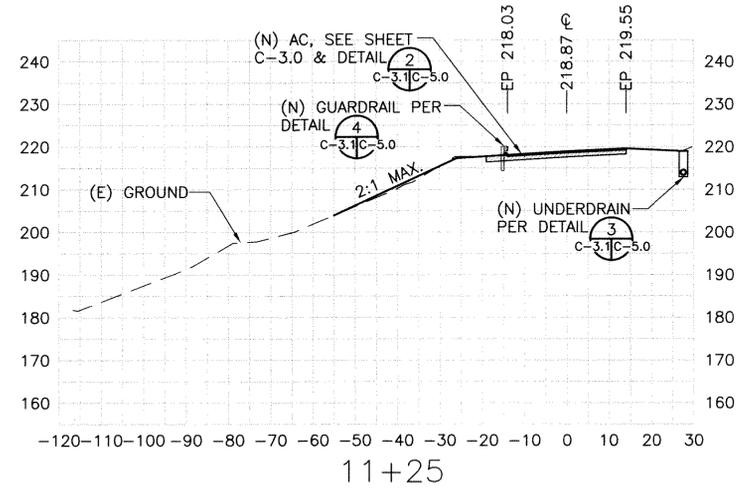
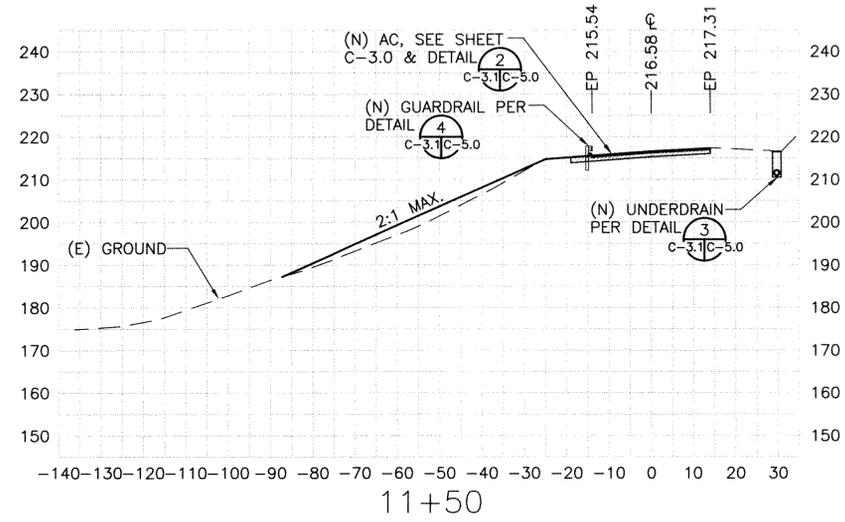
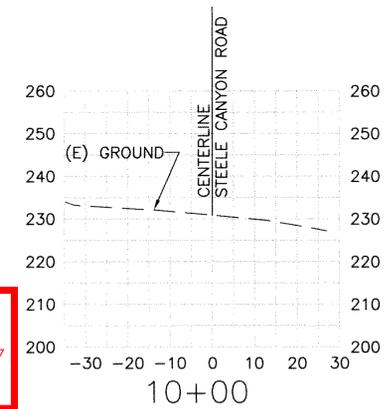
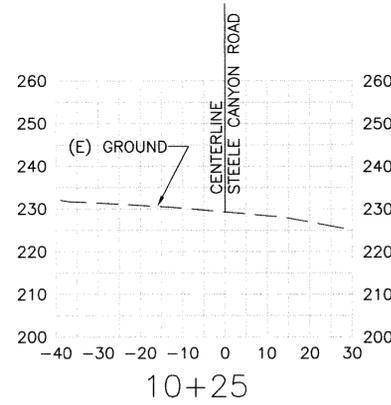
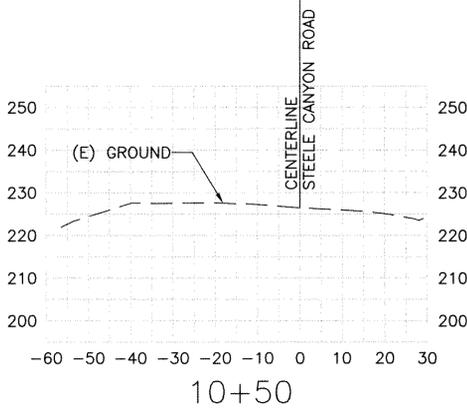
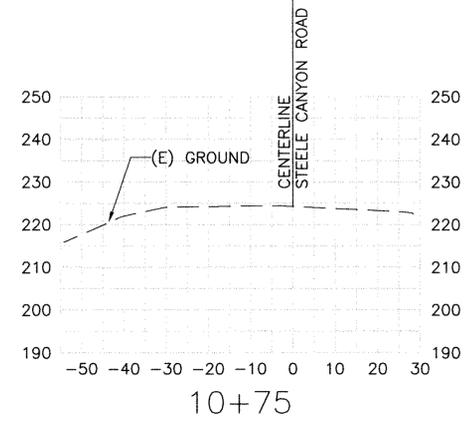
NAPA COUNTY
 STEELE CANYON ROAD FEMA REPAIRS AT MP 2.00
 CIVIL
 MP 2.00
 SITE PLAN & PROFILE

JOB NUMBER 0230407001
 SHEET 5 OF 10



C-3.0

**NOT IN CONTRACT
FOR REFERENCE ONLY**



SYL	DESCRIPTION	DATE	APPROVED
	REVISIONS		

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CONSULTING ENGINEERS
633 THIRD STREET
EUREKA, CA 95501-0417
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FAX (707) 444-8330

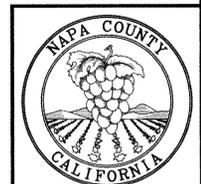
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DRW	JS	SYN	SXM

DRAWING SCALE AS NOTED

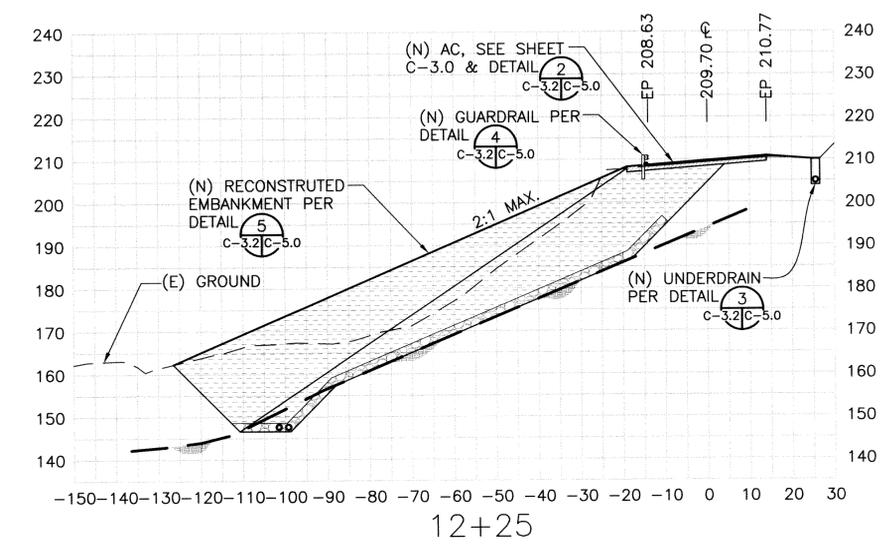
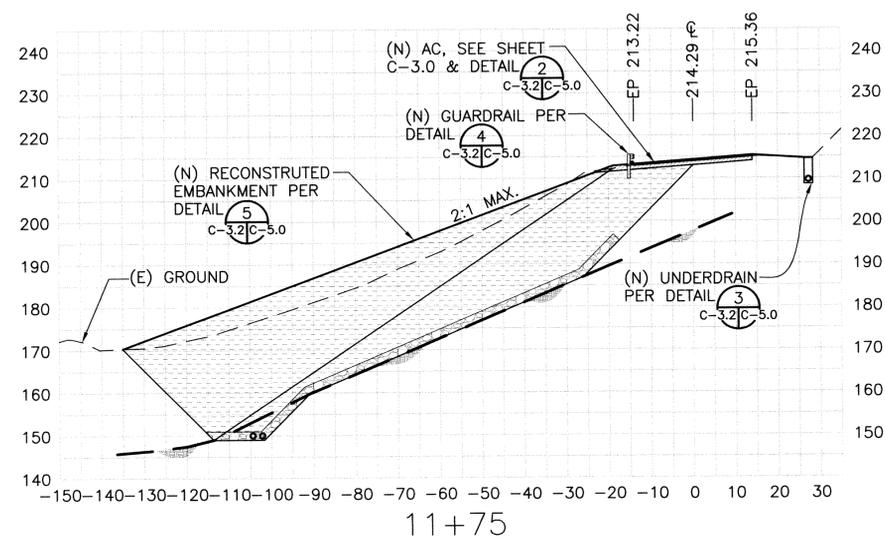
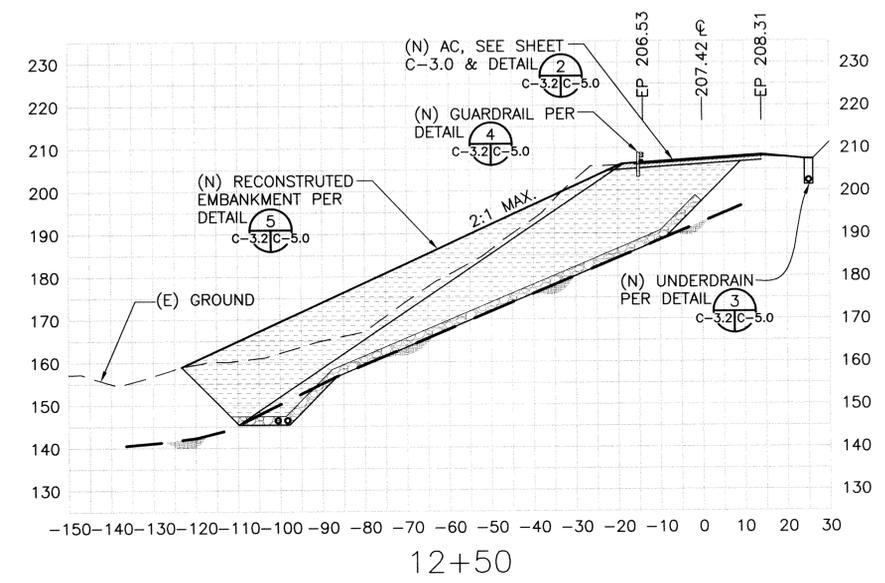
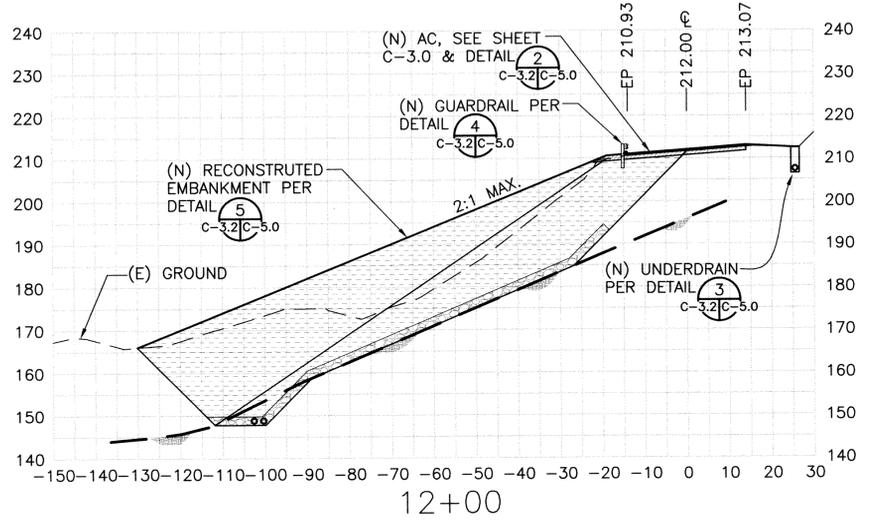


NAPA COUNTY
STEELE CANYON ROAD FEMA REPAIRS
AT MP 2.00
CIVIL
MP 2.00 - SECTIONS
STA 10+00 TO STA 11+50

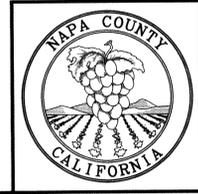
JOB NUMBER 0230407001
SHEET 6 OF 10



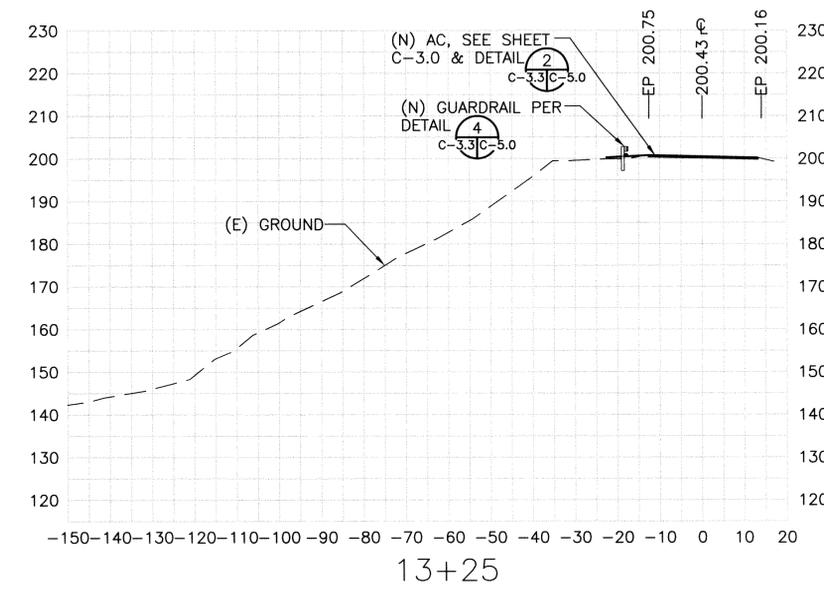
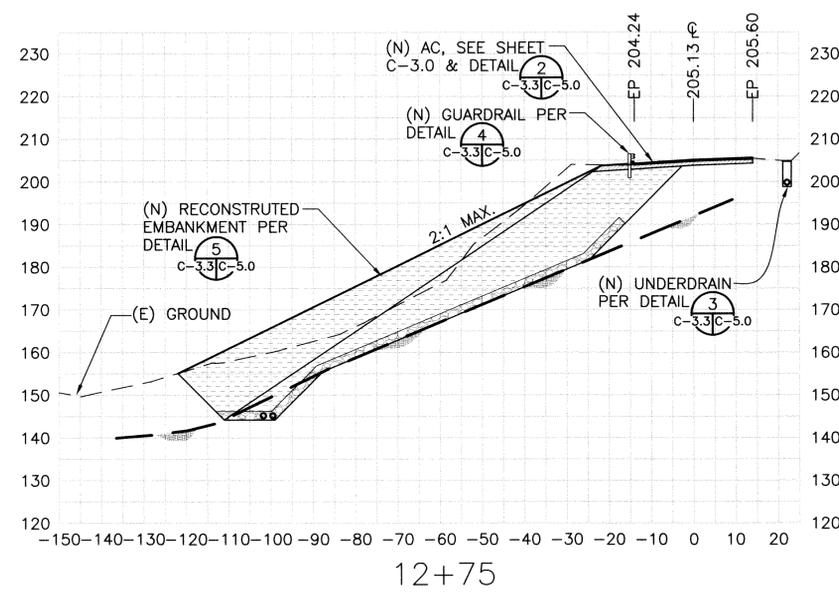
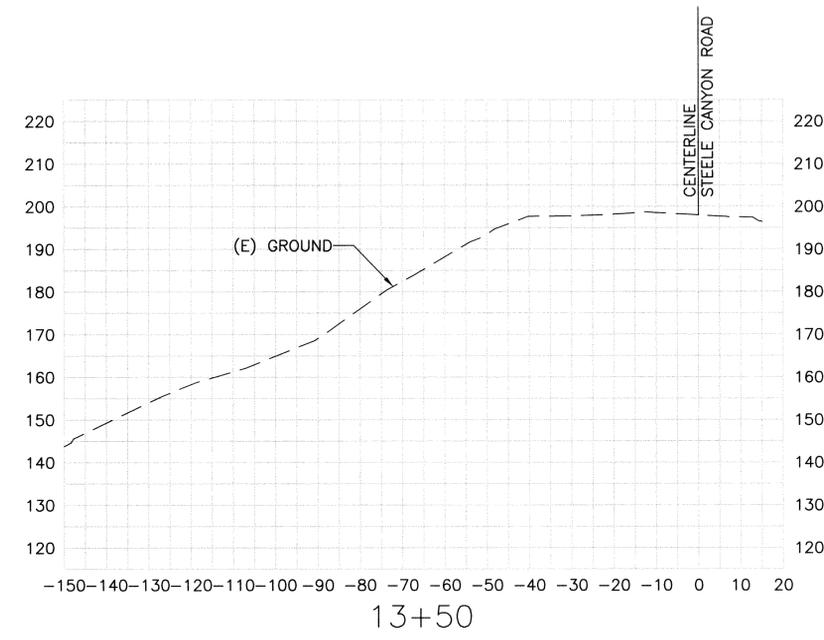
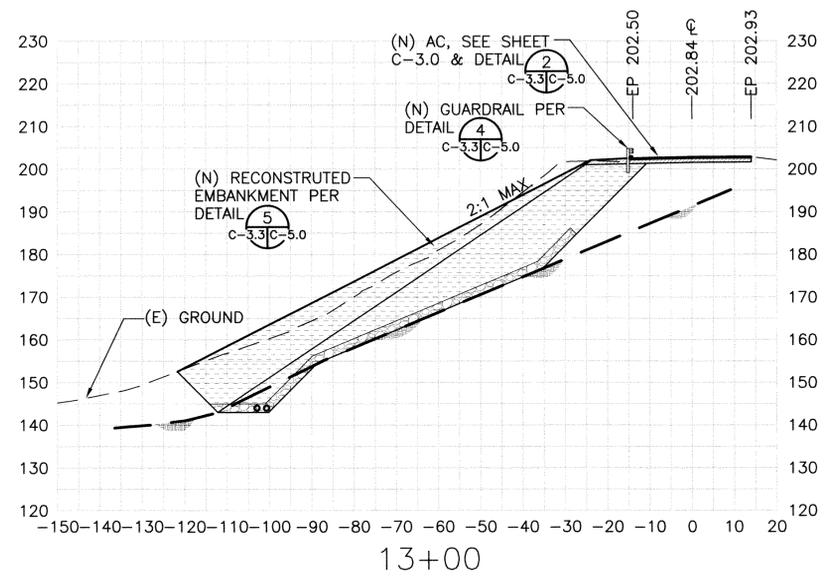
C-3.1



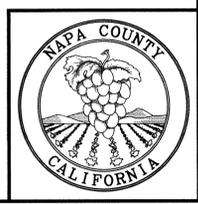
NOT IN CONTRACT
FOR REFERENCE ONLY



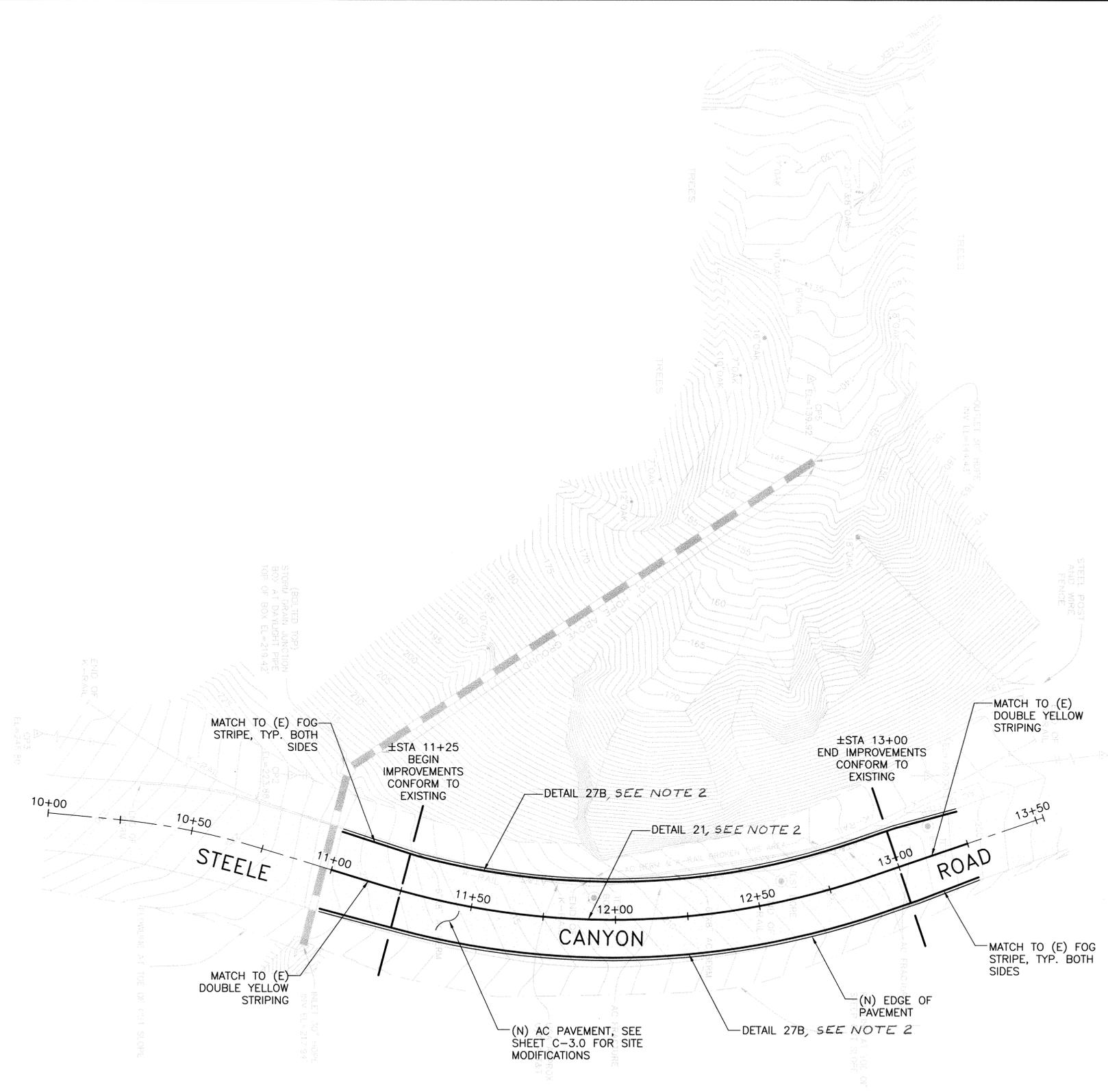
		DRAWING SCALE AS NOTED
DES JS SPR SWM	DRN JS CHK AJC	
NAPA COUNTY STEELE CANYON ROAD FEMA REPAIRS AT MP 2.00 CIVIL		
MP 2.00 - SECTIONS STA 11+75 TO STA 12+50		
JOB NUMBER 0230407001		
SHEET 7 OF 10		
C-3.2		
WINZLER & KELLY CONSULTING ENGINEERS 633 THIRD STREET EUREKA, CA 95501-0417 PH (707) 443-8326 FAX (707) 444-8330		SUBCONSULTANT
REVISIONS		



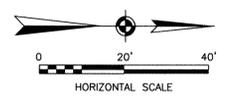
NOT IN CONTRACT
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WINZLER & KELLY CONSULTING ENGINEERS 633 THIRD STREET EUREKA, CA 95501-0417 PH (707) 443-8326 FAX (707) 444-8330		REVISIONS NO. DESCRIPTION DATE APPROVED
DES JS	DRK JS	CHK AUC
SPV SKM		
DRAWING SCALE AS NOTED		
NAPA COUNTY STEELE CANYON ROAD FEMA REPAIRS AT MP 2.00 CIVIL MP 2.00 - SECTIONS STA 12+75 TO STA 13+50		
JOB NUMBER 0230407001		
SHEET 8 OF 10		
C-3.3		



- NOTES:**
1. REMOVE ALL EXISTING MARKING & DELINEATION WITHIN LIMITS OF WORK SHOWN.
 2. (N) STRIPING AND MARKINGS SHALL BE THERMOPLASTIC PER CALTRANS STD. SPECIFICATIONS SECTION 84 AND SEE CALTRANS STANDARD PLAN SHEETS A20A & A20B.
 3. SIGNS SHALL BE INSTALLED PER CALTRANS STD. SPECIFICATIONS ON WOOD POSTS.
 4. (N) STRIPING & MARKINGS SHALL BE PAINTED PER NAPA COUNTY SPECIFICATIONS.



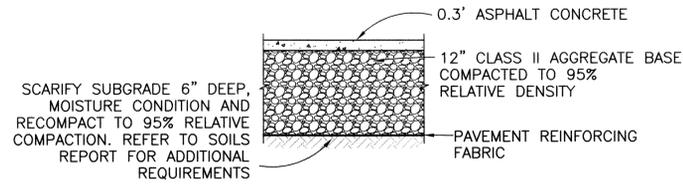
**STEELE CANYON ROAD
MP 2.00 - STRIPING & SIGNAGE PLAN**
SCALE: SEE SCALE BAR

**NOT IN CONTRACT
FOR REFERENCE ONLY**



		DRAWING SCALE AS NOTED
DES JS	DRN JS	
SIP SXM	CHK A/C	DRAWING SCALE AS NOTED
NAPA COUNTY STEELE CANYON ROAD FEMA REPAIRS AT MP 2.00 CIVIL MP 2.00 STRIPING & SIGNAGE PLAN		
JOB NUMBER 0230407001		REVISIONS DATE APPROVED
SHEET 9 OF 10		
C-4.0		

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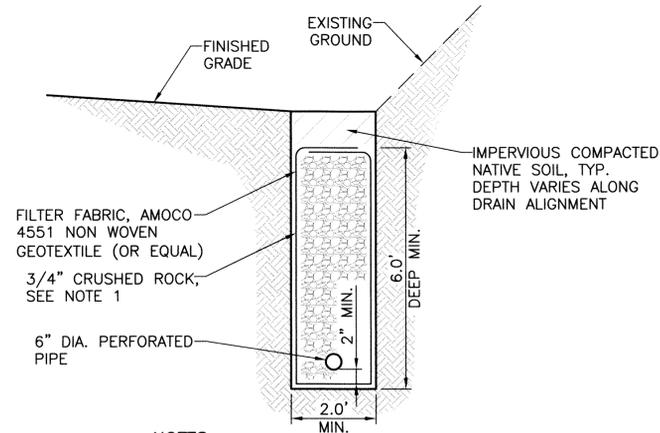


NOTES:

1. SEE GENERAL NOTES (SHEET G-2.0) AND GEOTECHNICAL REPORT FOR MORE DETAILED INFORMATION ON STRUCTURAL SECTION REQUIREMENTS.
2. CONTRACTOR HAS THE OPTION OF CONDUCTING FULL DEPTH RECLAMATION AND STOCKPILING OF EXISTING AC AND AGGREGATE BASE AT LOCATIONS BEYOND THE EXCAVATION LIMITS OF THE RECONSTRUCTED EMBANKMENT FOR REUSE AS COMPACTED BASE UNDER NEW AC.

1 NEW STRUCTURAL PAVING SECTION

TYP. C-5.0 SCALE: N.T.S.

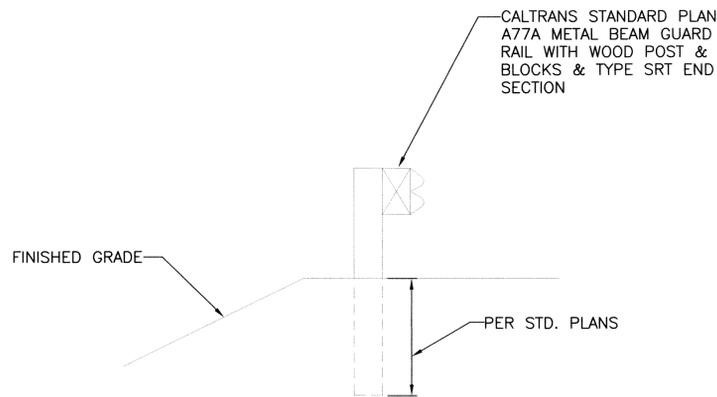


NOTES:

1. CLASS II PERMEABLE MATERIAL (PER CALTRANS STANDARDS, SECTION 68-1) MAY BE SUBSTITUTED FOR DRAIN ROCK AND FILTER FABRIC

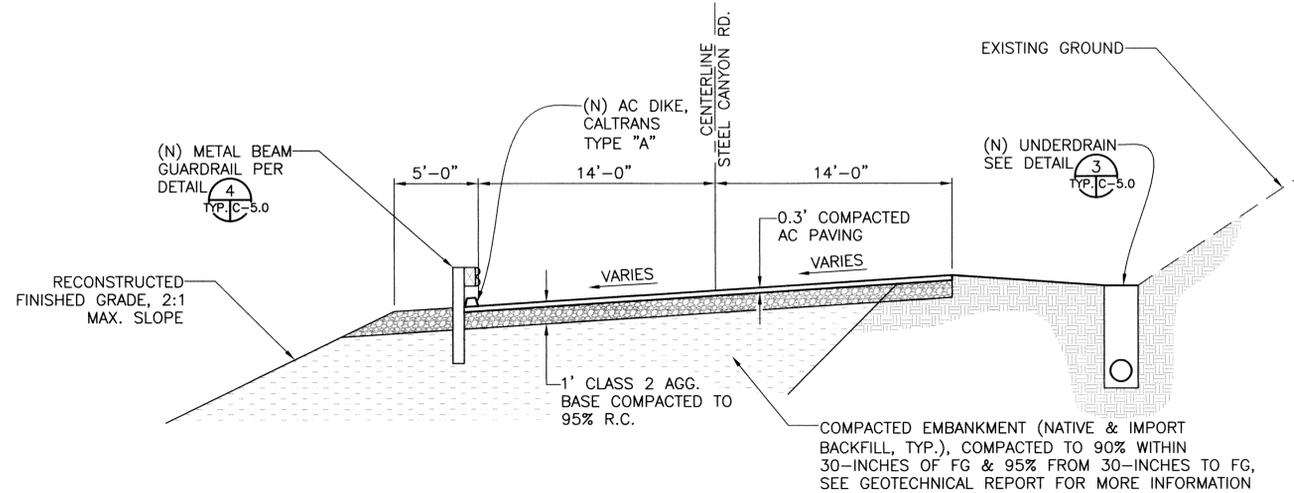
3 UNDERDRAIN DETAIL

TYP. C-5.0 SCALE: N.T.S.



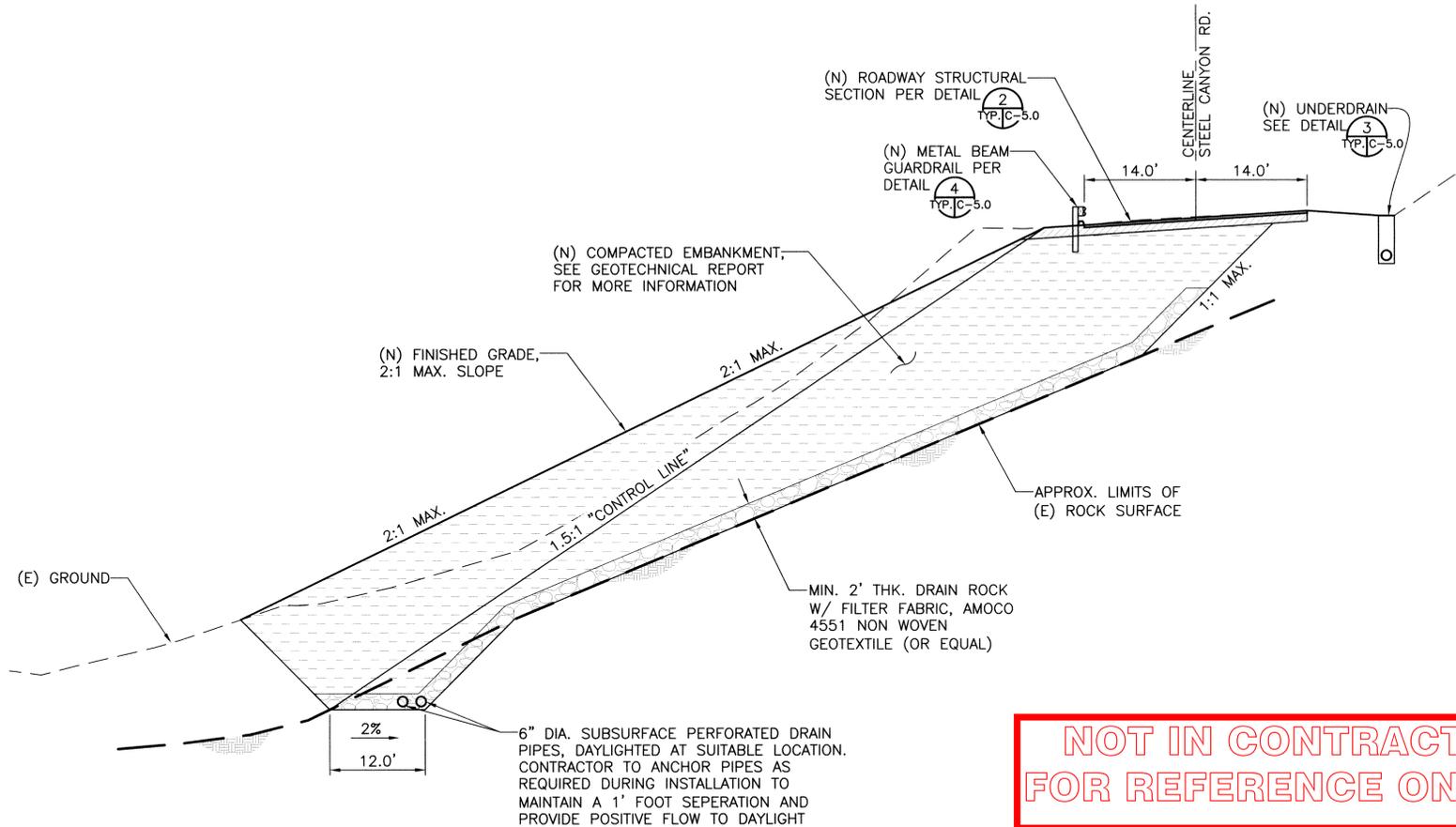
4 GUARDRAIL DETAIL

TYP. C-5.0 SCALE: N.T.S.



2 TYPICAL ROAD SECTION

TYP. C-5.0 SCALE: N.T.S.



5 TYPICAL RECONSTRUCTED EMBANKMENT SECTION

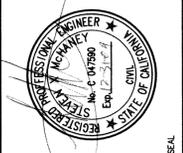
TYP. C-5.0 SCALE: 0 10' 20' GRAPHIC SCALE

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NO.	DESCRIPTION	DATE	APPROVED

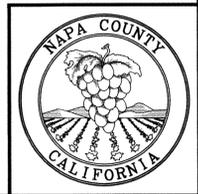
WINZLER CONSULTING
 633 THIRD STREET
 EUREKA, CA 95501-0417
 SUBCONSULTANT

DES JS
 SUPV SVM
 DRN JS
 CHK AUC



NAPA COUNTY
 STEELE CANYON ROAD FEMA REPAIRS
 AT MP 2.00
 CIVIL
 MP 2.00
 DETAILS

JOB NUMBER 0230407001
 SHEET 10 OF 10



C-5.0