

DEPARTMENT OF TRANSPORTATION
COUNTY OF EL DORADO, CA

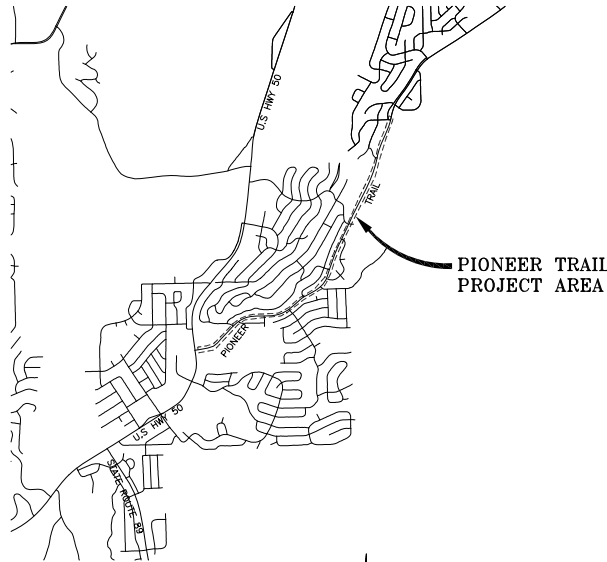
PROJECT PLANS FOR THE CONSTRUCTION OF
**PIONEER TRAIL OVERLAY (2.02miles)/
RE-STRIPING AND WATER QUALITY
IMPROVEMENT PROJECT**

IN THE COUNTY OF EL DORADO, DISTRICT 5
WITHIN THE PORTIONS OF THE SUBDIVISIONS COUNTRY CLUB HEIGHTS 5 & 6,
ROLLING WOOD HEIGHTS, AND TAHOE PARADISE UNITS 46, 48, AND AD #1,
SECTIONS 16, 20, 21, & 28, TOWNSHIP 12N, AND RANGE 18E

To be supplemented with Standard Plans and Specifications dated May 2006, including the
amendments to the May 2006 Standard Specifications, of the California Department of
Transportation, unless otherwise noted.

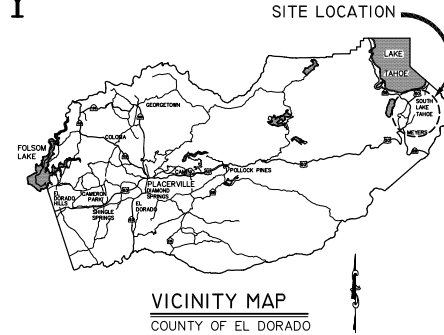
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LOCATION MAP

SCALE: 1" = 2000'



VICINITY MAP
COUNTY OF EL DORADO

FUNDING AGENCY

TAHOE REGIONAL PLANNING AGENCY
ARRA-C200 FUNDS-FEDERAL AID PROJECT ESPL5925(080)
COUNTY FUNDS

CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Law (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans at the time the Contract is awarded, and shall maintain a valid license through completion and acceptance of the Work including guarantee and warranty period. Failure of the successful Bidder to obtain proper and adequate licensing for an award of the Contract shall constitute a failure to execute the Contract, and shall result in forfeiture of the Bidders security.



DATE 4/2/10
SUBMITTED BY: STEVE P. KOOYMAN, P.E.
SUPERVISING CIVIL ENGINEER
STATE OF CALIFORNIA NO. 55757

BOARD OF SUPERVISORS

I	JOHN R. KNIGHT
II	RAY NUTTING
III	JAMES SWEENEY
IV	RON V. BRIGGS
V	NORMA SANTIAGO

COUNTY OF EL DORADO
DEPARTMENT OF
TRANSPORTATION
577-7900 924 B (530) 821-5900
EMERALD BAY ROAD 2850 FAIRLANE CT
SOUTH LAKESIDE, CA 95686
98130

APPROVED AND APPROVED BY:	DATE
NORMA SANTIAGO CHIEF, EL DORADO COUNTY BOARD OF SUPERVISORS	
JAMES W. WARE, RCE NO. 61028 DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION	
STEVE P. KOOYMAN, P.E., No. 55757 IDENTITY DIRECTOR OF INSURANCE, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION	

CONTRACT NO. PW 09-30494 CIP. NO. 72164
PIONEER TRAIL OVERLAY (2.02)/
RE-STRIPING AND WATER QUALITY
IMPROVEMENT PROJECT
TITLE
SHEET I OF 7

REVISIONS

MARK	DATE	BY

GENERAL NOTES

- ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF THE EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION (DOT). IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND THE MAY 2006 CALTRANS STANDARD PLANS, UNLESS NOTED OTHERWISE. ALL REFERENCES TO THE "STANDARD SPECIFICATIONS" SHALL MEAN THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, MAY 2006, INCLUDING THE AMENDMENTS TO THE MAY 2006 STANDARD SPECIFICATIONS. CONSTRUCTION NOT SPECIFIED ON THESE PLANS OR IN SPECIFIC EL DORADO COUNTY (COUNTY) ORDINANCES SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS OBLIGATED TO BE FAMILIAR WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS NOT DISCUSSED IN THE GENERAL NOTES. THE CONTRACT SPECIAL PROVISIONS SHALL SUPERSEDE ANY OF THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR.
- CONSTRUCTION HOURS SHALL BE WEEKDAYS BETWEEN 8:00 A.M. AND 6:30 P.M. UNLESS PRIOR APPROVAL IS RECEIVED FROM THE COUNTY DOT.
- THE LOCATIONS AND EXTENT OF EXISTING UNDERGROUND UTILITIES IN THE WORK AREA AS SHOWN ARE APPROXIMATE AND ARE NOT NECESSARILY COMPLETE. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE EXISTING UTILITIES BASED UPON AVAILABLE RECORDS. THE CONTRACTOR SHALL DETERMINE THE TYPE, LOCATION, SIZE, AND/OR DEPTH OF THE EXISTING UTILITIES WITHIN THE WORK AREA BEFORE COMMENCING WORK. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT (800) 642-2444 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION. SEE SPECIAL PROVISIONS FOR CONTRACTOR NOTIFICATION REQUIREMENTS. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR DAMAGED UTILITIES.
- UNLESS NOTED OTHERWISE ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE, PLACE, AND MAINTAIN ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, PILOT CAR, OR OTHER DEVICES NECESSARY TO CONTROL TRAFFIC THROUGH THE CONSTRUCTION AREA AND FOR PUBLIC SAFETY IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS, AND THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND FURTHER AGREES THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS IN ACCORDANCE WITH THE PROVISIONS OUTLINED BY THE PROJECT CONTRACT AND STANDARD SPECIFICATIONS.
- THERE SHALL BE NO GRADING OR LAND DISTURBANCE PERFORMED WITH RESPECT TO THE PROJECT BETWEEN OCTOBER 15 AND MAY 1 UNLESS PROPER APPROVALS ARE OBTAINED FROM THE TAHOE REGIONAL PLANNING AGENCY (TRPA), AS PROVIDED IN THE LIMITED EXEMPTION DESCRIBED IN SUBSECTION 4.2.A. OF THE TRPA CODE OF ORDINANCES. APPROVALS FOR GRADING BETWEEN OCTOBER 15 AND MAY 1 MUST ALSO BE OBTAINED FROM THE REGIONAL WATER QUALITY CONTROL BOARD, LAHONTAN. IF REQUIRED, THE COUNTY SHALL OBTAIN THESE APPROVALS.
- THE CONTRACTOR SHALL MAINTAIN A SET OF PLANS ON THE JOB SHOWING "AS-CONSTRUCTED" CHANGES MADE TO DATE. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUPPLY TO THE COUNTY A SET OF PLANS, MARKED UP TO THE SATISFACTION OF THE COUNTY, REFLECTING THE AS-CONSTRUCTED MODIFICATIONS.
- ALL CONTROL STATIONING AND DATA DIMENSIONING ARE REFERENCED TO THE CENTERLINE OF THE FACILITY SHOWN UNLESS OTHERWISE NOTED. STATIONING AND DIMENSIONING FOR THE CONCRETE CURB AND GUTTER IS ALONG THE TOP BACK OF CURB.
- AT NO TIME SHALL THE CONTRACTOR UNDERTAKE TO CLOSE OFF ANY EXISTING UTILITY LINES OR OPEN VALVES OR TAKE ANY OTHER ACTION WHICH WOULD AFFECT THE OPERATION OF EXISTING WATER OR SEWER SYSTEMS WITHOUT PRIOR APPROVAL FROM THE SOUTH TAHOE PUBLIC UTILITY DISTRICT (STPUD). APPROVAL SHALL BE REQUESTED AT LEAST 48 HOURS IN ADVANCE OF THE TIME THAT THE INTERRUPTION OF THE EXISTING SYSTEM IS REQUIRED. ANY INTERRUPTION OF SERVICE TO ACTIVE WATER OR SEWER SERVICES, INCLUDING FIRE HYDRANTS, WHETHER INTENTIONAL OR NOT, MUST BE KEPT TO A MINIMUM TIME PERIOD. IF SERVICE TO BUILDINGS IS TO BE OFF FOR MORE THAN FOUR HOURS, THE CONTRACTOR MUST ADVISE STPUD.
- THE CONTRACTOR SHALL BE REQUIRED TO PERFORM PREVENTIVE DUST CONTROL MEASURES TO ENSURE THAT DUST RESULTING FROM THE CONTRACTOR'S PERFORMANCE OF THE WORK IS CONTROLLED IN CONFORMANCE WITH THE PROVISIONS OF SECTION 7, "LEGAL RELATIONS AND RESPONSIBILITY," OF THE STANDARD SPECIFICATIONS, COUNTY, AND LOCAL ORDINANCES. SEE SPECIAL PROVISIONS REGARDING SWEEPING REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL TEMPORARY EROSION CONTROL MEASURES. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TRPA "HANDBOOK OF BEST MANAGEMENT PRACTICES" AND THESE PLANS. THE DOT SHALL CONTACT TRPA PRIOR TO THE COMMENCEMENT OF WORK FOR A PRE-GRADING INSPECTION OF THE INSTALLED TEMPORARY EROSION CONTROL FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PERFORMANCE OF THE TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT.
- CONSTRUCTION LIMITS SHOWN ON THE PLANS DELINEATE BOUNDARIES FOR THE CONTRACTOR'S OPERATIONS OUTSIDE THE COUNTY STREET RIGHT-OF-WAY. CONSTRUCTION LIMIT FENCING SHALL BE ERCTED ALONG THESE BOUNDARIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN THE CONSTRUCTION LIMITS, EXISTING VEGETATION SHALL BE PROTECTED TO THE EXTENT FEASIBLE. ALL EXISTING TREES SHALL BE PROTECTED UNLESS SHOWN ON THE PLANS TO BE REMOVED.
- ALL REVEGETATION SHOWN ON THE PLANS IS TO BE COMPLETED BY OTHERS, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL USE ONLY DESIGNATED SPECIFIC SITES FOR STORAGE OF EQUIPMENT AND MATERIALS AS DETERMINED BY ENGINEER IN FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF ALL EQUIPMENT AND MATERIALS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SUBCONTRACTOR(S) TO EXAMINE THE PROJECT SITE PRIOR TO THE OPENING OF BID PROPOSALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, SUCH AS THE NATURE AND LOCATION OF THE WORK AND THE GENERAL AND LOCAL CONDITIONS, PARTICULARLY THOSE AFFECTING THE AVAILABILITY OF TRANSPORTATION, THE DISPOSAL, HANDLING, AND STORAGE OF MATERIALS, AVAILABILITY OF LABOR, WATER, ELECTRICITY, ROADS, THE UNCERTAINTIES OF WEATHER, THE CONDITIONS OF THE GROUND, SURFACE AND SUBSURFACE MATERIALS, THE EQUIPMENT AND FACILITIES NEEDED PRIMARILY FOR AND DURING THE PERFORMANCE OF THE WORK, AND THE COSTS THEREOF. ANY FAILURE BY THE CONTRACTOR AND SUBCONTRACTOR(S) TO ACQUAINT HIMSELF WITH ALL THE AVAILABLE INFORMATION WILL NOT RELIEVE HIM FROM RESPONSIBILITY FOR PROPERLY ESTIMATING THE DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK.
- ELEVATIONS SHOWN ON THE PLANS FOR PIPE INVERTS, TOPS OF GRATES, RIMS, CURBS, ETC., ARE BASED UPON THE TOPOGRAPHIC INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL NECESSARY SURFACE ELEVATIONS IN THE FIELD AND NOTIFY THE DOT OF ANY DISCREPANCIES, WHICH MIGHT AFFECT PROPER OPERATION OF THE NEW FACILITIES BEFORE BREAKING GROUND AND PRIOR TO FACILITY INSTALLATION. THE DOT SHALL BE CONTACTED IN THE EVENT ELEVATIONS ARE INCORRECT SO THAT THE PROPER ADJUSTMENTS CAN BE MADE PRIOR TO THE INSTALLATION OF THE FACILITIES.
- THE CONTRACTOR SHALL OBTAIN AT HIS OWN EXPENSE ALL PERMITS, LICENSES, INSURANCE POLICIES, ETC., NOT ALREADY OBTAINED BY DOT, AS MAY BE NECESSARY TO COMPLY WITH STATE AND LOCAL LAWS ASSOCIATED WITH THE PERFORMANCE OF THE WORK. SEE SPECIAL PROVISIONS.
- THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE CONTRACT DOCUMENTS FOR ALL SUBMITTALS REQUIRED FOR COUNTY REVIEW AND ACCEPTANCE.
- THE COUNTY WILL FURNISH THE CONSTRUCTION STAKING TO THE CONTRACTOR AS SET FORTH IN THE SPECIAL PROVISIONS.
- CONTRACTOR SHALL NOTE THAT THE PLANS SHOW BOTH HORIZONTAL AND SLOPE (ACTUAL) LENGTHS FOR PIPE. ALL PIPE LENGTHS AND INVERT ELEVATIONS SHOWN ON THE PLANS ARE TO THE CENTERLINE OF THE STRUCTURES TO WHICH THE PIPES ARE ATTACHED. SEE SPECIAL PROVISIONS FOR THE MAXIMUM ALLOWABLE DEFLECTION ANGLE AT EACH PIPE JOINT.
- THE LIMITS OF GRADING BEHIND THE PROPOSED CURB ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE TO PLACE FILL BEHIND THE CURB AS SHOWN ON THE DETAILS, CROSS SECTIONS, AND IS DIRECTED BY THE ENGINEER. SEE SPECIAL PROVISIONS FOR THE RAW EARTHWORK QUANTITIES ASSOCIATED WITH GRADING BEHIND THE PROPOSED CURB.

ABBREVIATIONS

NOTE: LOWER CASE TEXT WITHIN PLAN SET INDICATES EXISTING

Δ	DELTA = DEFLECTION ANGLE	LP	LOW POINT
A	ASPEN	LT	LEFT
AB	AGGREGATE BASE	LT D	LAND TAKEHO DATUM
ABAND	ABANDONED	MISC	MISCELLANEOUS
AC	ASPHALT CONCRETE	MM	MILE MARKER
ACS	ASPHALT CONCRETE SWALE	MOC	MID POINT ON CURVE
ACP	ASBESTOS CEMENT PIPE	N	NORTH
AP	ANGLE POINT	NIC	NOT IN CONTRACT
APN	ASSESSOR'S PARCEL NUMBER	NTS	NOT TO SCALE
AV/AR	AIR VACUUM/AIR RELEASE VALVE	OAE	OR APPROVED EQUAL
BC	BEGIN CURVE	OC	ON CENTER
BCR	BEGIN CURB RETURN	OD	OUTSIDE DIAMETER
BGN	BEGIN	O/H	OVERHEAD
BLVD	BULEVARD	O/S	OVERSIDE
BO	BLOW OFF	P	PINE
BR	BOTTOM OF ROOF	PC	POINT OF BEGINNING OF CURVE
BVCE	BEGIN VERTICAL CURVE ELEVATION	PCC	PORTLAND CEMENT CONCRETE
BVCS	BEGIN VERTICAL CURVE STATION	PERF	PERFORATED
C	CEDAR	PL	PROPERTY LINE
C STA	CUL-DE-SAC STATIONING	POCC	POINT OF COMPOUND CURVE
CALLO'S	CALCULATIONS	POVCE	POINT OF COMPOUND VERTICAL CURVE ELEVATION
CC	CENTER TO CENTER	POCVCS	POINT OF COMPOUND VERTICAL CURVE STATION
CF	CUBIC FEET OR CURB FACE	POR	PORTRON
CHD	CHORD DIRECTION	PORVCE	POINT OF REVERSE VERTICAL CURVE ELEVATION
CIR	CIRCLE	PORVCS	POINT OF REVERSE VERTICAL CURVE STATION
CL	CENTERLINE	PP	POWER/UTILITY POLE
CL	CLASS OR CENTERLINE	PRC	POINT OF REVERSE CURVE
CLF	CONSTRUCTION LIMIT FENCE	PROP	PROPOSED
CLR	CLEAR	PT	POINT OR POINT OF TANGENCY
CO	CORB OPENING	PU	PUBLIC UTILITY EASEMENT
CO	COUNTY	PVC	POLYVINYL CHLORIDE
CONC	CONCRETE	PVS	POINT OF VERTICAL INTERSECTION SUBSTATION
CONST	CONSTRUCT	R	RADIUS
CMP	CORRUGATED METAL PIPE	RBR	REMOVE & REPLACE
CT	CALTRANS OR COURT	RC	RELATIVE COMPACTION
CTC	CALIFORNIA TAHOE CONSERVANCY	RPC	REINFORCED CONCRETE PIPE
CY	CUBIC YARD	RD	ROAD
C&G	CURB AND GUTTER	REF	REFERENCE
D	DEPTH	REQ	REQUIRED
DB	DRAIN BASIN	RFC	ROCK-LINED CHANNEL
DBL	DOUBLE	ROW	RIGHT-OF-WAY
DET	DETAIL	RR	RAILROAD
DI	DRAINAGE INLET OR DUCTILE IRON	RSP	ROCK SLOPE PROTECTION
DI	DIAMETER	RT	RIGHT
DIA OR #	DISSIPATOR	S	SOUTH OR SANITARY SEWER
DISS	DRIVE	SDO	SEWER CLEAN OUT
DR	DRIVEWAY	SD	STORM DRAIN
D/W	EAST	SDMH	STORM DRAIN MANHOLE
E	EACH	SF	SQUARE FEET
EC	END OF CURVE	SHT	SHEET
EGR	END OF CURB RETURN	SL	SLOPE LENGTH
EG	EXISTING GRADE	SLI	SLOPE LENGTH IN PAVEMENT
ELEV	ELEVATION	SLO	SLOPE LENGTH OUT OF PAVEMENT
ELEC	ELECTRIC	SM	SEWER MANHOLE
EP	EDGE OF PAVEMENT	SP	SPECIAL PROVISIONS
ESMT	EASEMENT	ST	STATION
EVCE	END VERTICAL CURVE ELEVATION	STA	STANDARD
EVCS	END VERTICAL CURVE STATION	STD	STANDARD
EX	EXISTING	STL	STEEL
F	FIR	SWPPP	STORM WATER POLLUTION PREVENTION PLAN
FES	FLARED END SECTION	STPUD	SOUTH TAHOE PUBLIC UTILITY DISTRICT
FF	FILTER FENCE	T	TELEPHONE
FG	FINISHED GRADE	TBC	TOP BACK OF CURB
PH	FIRE HYDRANT	TBD	TOP BACK OF DIKE
FL	FLOWLINE	TD	TOP OF DIKE
FM	FORCE MAIN	TBM	TEMPORARY BENCHMARK
FMH	FORCE MAIN MANHOLE	TBR	TO BE REMOVED
FS	FINISH SURFACE	TG	TOP OF GRATE
G	GAS	TR	TOP OF ROCK
GA	GAUGE	TRANS	TRANSITION
GB	GRADE BREAK	TRPA	TAHOE REGIONAL PLANNING AGENCY
GLS	GRASS-LINED SWALE	TL	TOTAL
GV	GAS VALVE	TW	TOP OF WALL
H	HORIZONTAL	TYP	TYPICAL
HDPE	HIGH DENSITY POLYETHYLENE	UG	UNDERGROUND
HP	HIGH POINT	UKN	UNKNOWN
ID	INSIDE DIAMETER	USFS	UNITED STATES FOREST SERVICE
IE	INVERT ELEVATION	V	VERTICAL
INST	INSTALL	W	WEST OR WATER
INTRXN	INTERSECTION	W/	WITH
L	LENGTH	W/O	WITHOUT
LC	LENGTH OF CHORD	WWL	WILLOW CLUSTER
LF	LINEAR FEET	WC	WATER VALVE

LEGEND

EXISTING		PROPOSED	
---	EXISTING (AS NOTED)	▭	AC OVERLAY
- - - -	STATE/COUNTY/PROPERTY LINE	▭	ROLLED C&G
□	DRAINAGE INLET	□	DRAINAGE INLET
- - - sd - - -	STORM DRAIN	⊗	DETAIL REF NUMBER SHEET NUMBER
---	AC DIKE	— FF — CLF —	FILTER FENCE OR CONSTRUCTION LIMIT FENCE
---	RETAINING WALL	>	WEIGHTED FIBER ROLL OR GRAVEL-FILLED ROLL
○	CURB		
○	SEDIMENT TRAP		

UTILITIES

CABLE TELEVISION	CHARTER COMMUNICATIONS, (775) 588-1077
NATURAL GAS	SOUTHWEST GAS, (530) 543-3225
ELECTRIC	NV ENERGY, (530) 541-6400
SEWER & WATER	SOUTH TAHOE PUD, (530) 544-6474
TELEPHONE	AT&T, (530) 888-2031
STORM DRAIN	EL DORADO COUNTY DOT, (530) 573-3180

ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David A. Kappert
 REGISTERED CHAL. ENGINEER
 DATE: 4/12/10

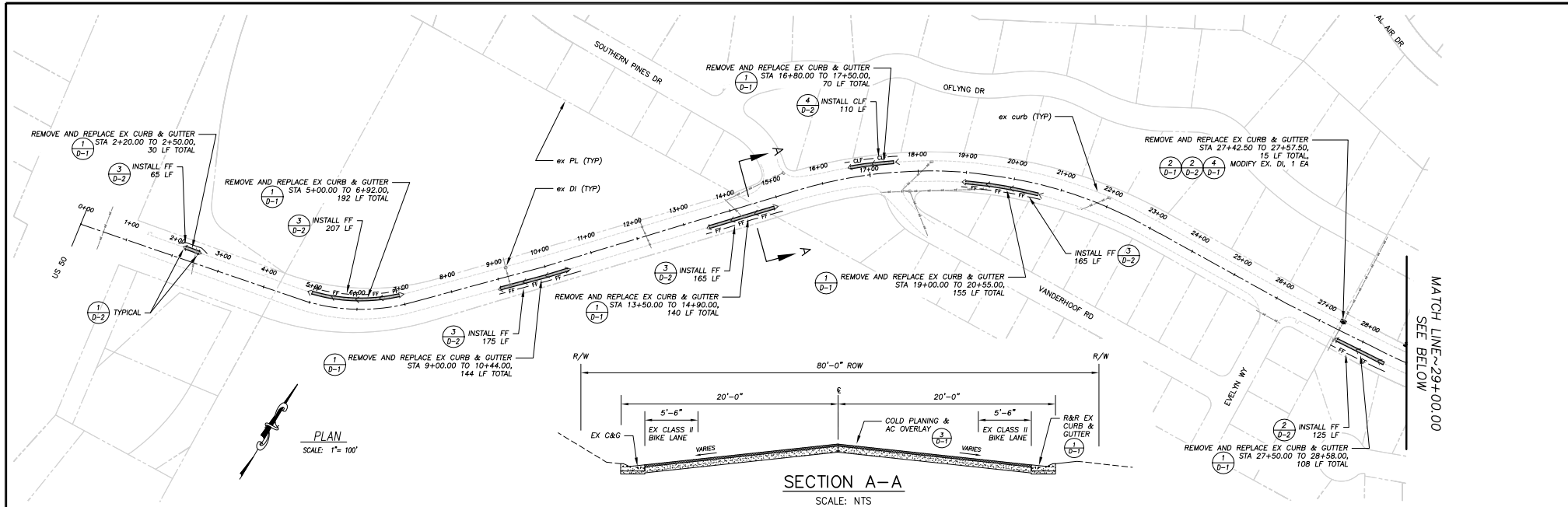
DESIGNED: SPK
 CHECKED: DSP
 DRAWN: JTC
 DATE: 4/2010
 ROAD NUMBER: 114



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

PIONEER TRAIL OVERLAY (2.02 MILES)/RE-STRIPING AND WATER QUALITY IMPROVEMENT PROJECT
 GENERAL NOTES, ABBREVIATIONS, AND LEGEND

SHEET
 ii
 2 of 7
 CONTRACT NO.
 PW 09-30494
 DP No. 72164



REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 4/17/10

DESIGNED: SPK
 DRAWN: JTC
 CHECKED: DSP
 DATE: 4/20/10
 ROAD NUMBER: 114

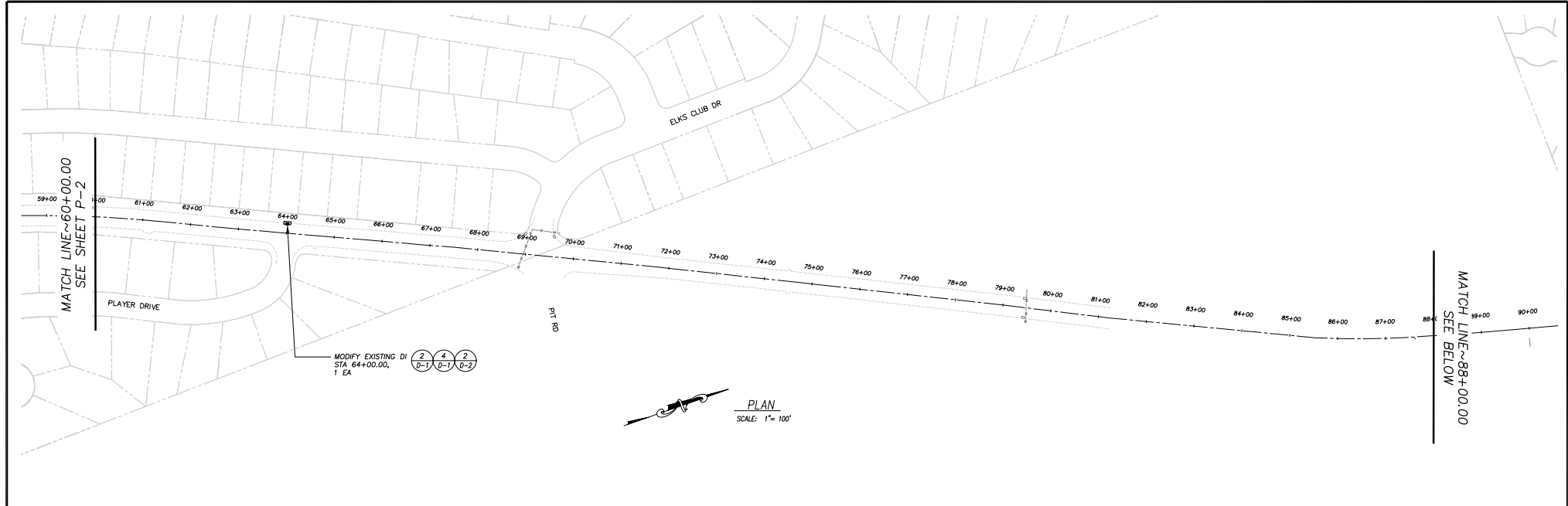


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

PIONEER TRAIL OVERLAY (2.02 MILES)/RE-STRIPING AND WATER QUALITY IMPROVEMENT PROJECT
 CURB AND GUTTER REPLACEMENT PLAN
 STA 00+00.00 TO 60+00.00

SHEET P-2
 4 OF 7
 CONTRACT NO. PW 09-30494
 CIP No. 72164

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



- NOTES:
- THE FOLLOWING ITEMS AND THEIR LOCATIONS WILL BE DETERMINED BY ENGINEER IN THE FIELD. AT A MINIMUM, CONTRACTOR SHALL:
 INSTALL AND MAINTAIN ONE (1) TIRE WASH AREA;
 INSTALL AND MAINTAIN ONE (1) CONCRETE WASH AREA; AND,
 INSTALL AND MAINTAIN ONE (1) STAGING AREA FOR STORAGE OF EQUIPMENT, MATERIALS, SUPPLIES, ETC.
 - A FINE OF \$100/DAY WILL BE LEVIED AGAINST THE CONTRACTOR FOR EACH DAY CONTRACTOR DELAYS IN RESPONDING TO ENGINEER'S REQUEST TO INSTALL NEW TEMPORARY EROSION CONTROL DEVICES AND/OR MAINTAIN EXISTING TEMPORARY EROSION CONTROL DEVICES.

SCALE 1"=200'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
S. Lark
 REGISTERED CIVIL ENGINEER
 DATE: 4/12/10

DESIGNED: SPK
 DRAWN: JTC
 CHECKED: DSP
 DATE: 4/20/10
 ROAD NUMBER: 114

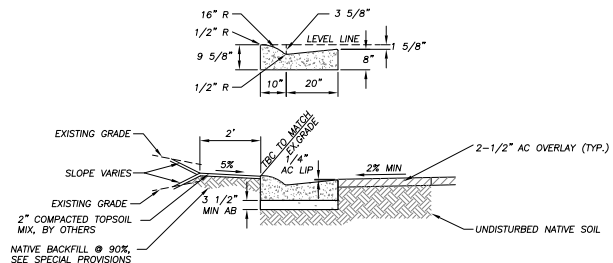


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

PIONEER TRAIL OVERLAY (2.02 MILES)/RE-STRIPING AND
 WATER QUALITY IMPROVEMENT PROJECT
 CURB AND GUTTER REPLACEMENT PLAN
 STA 80+00.00 TO END

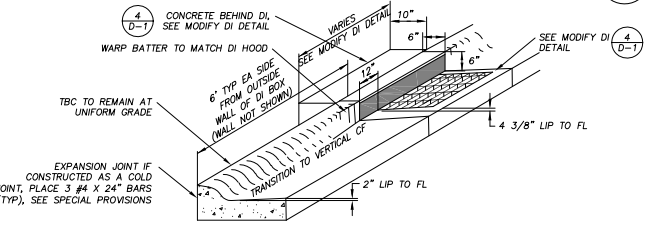
SHEET
P-3
 5 of 7
 CONTRACT NO.
 PW 09-30494
 CIP No.
 72164

DRAWING NAME: SACTVIL 35 PROJECTS\7264\Engineering\wqim\PIRD_31_LB-2.dwg
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS



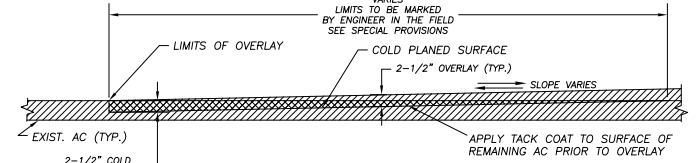
ROLLED CURB DETAIL
NTS

1
D-1

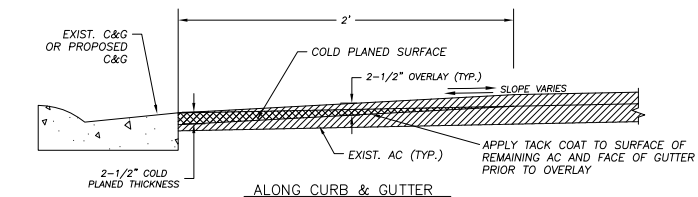


**C&G TO DI
TRANSITION TO DRAINAGE INLET**
NTS

2
D-1

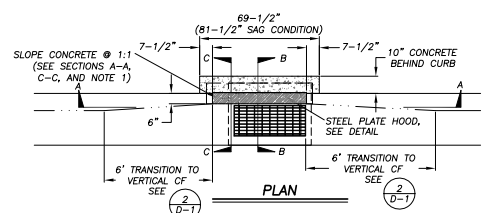


STREET INTERSECTIONS
NTS

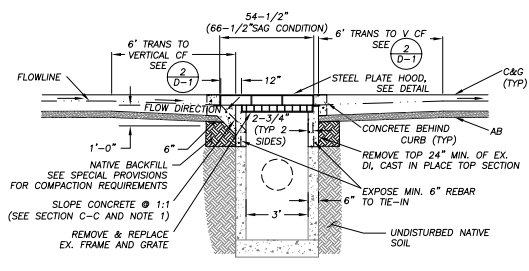


COLD PLANING
NTS

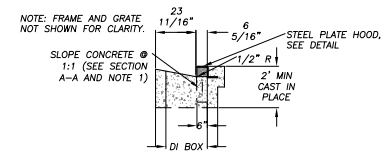
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D-1



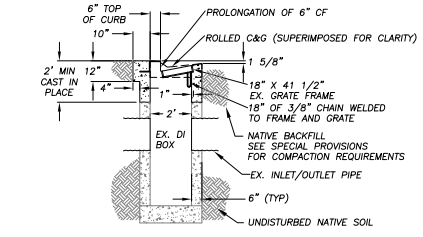
PLAN



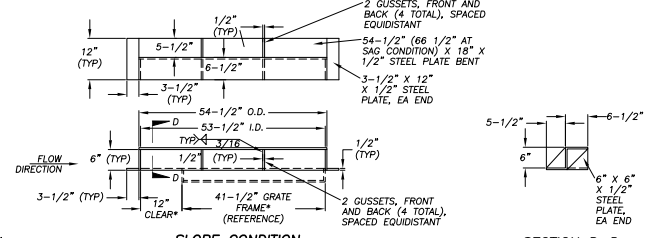
SECTION A-A



SECTION C-C



SECTION B-B



SECTION D-D

DRAINAGE INLET NOTES:

1. THE 1:1 SLOPED CONCRETE SECTION IS TO BE POSITIONED ON THE UP SLOPE SIDE OF THE DRAINAGE INLET. AT SAG LOCATIONS THE 1:1 SLOPED CONCRETE SECTION IS TO BE ON BOTH SIDES OF THE DRAINAGE INLET.
2. DEPRESS GUTTER FLOWLINE FROM 3-5/8" TO 6", AS MEASURED FROM TBC, TRANSITION TO DRAINAGE INLET DETAIL.
3. EXISTING FRAME AND GRATE SHALL BE REMOVED AND REPLACED. THE COSTS ASSOCIATED WITH REMOVING AND REPLACING THE EXISTING FRAME AND GRATE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MODIFY EXISTING DI ITEM.
4. DRAINAGE INLET HOOD SHALL BE 1/2" MINIMUM THICKNESS STEEL PLATE.

C & G NOTES:

1. THE STRING LINE SHALL BE SET SUFFICIENTLY IN ADVANCE OF THE SCHEDULED POUR, BUT IN NO CASE LESS THAN 2 HOURS, TO ALLOW THE ENGINEER TO CHECK THE LINE AGAINST CUT LINE GRADES AND PROVIDE TIME FOR ADJUSTMENT, IF NECESSARY.
2. CURB AND GUTTER SHALL BE CONSTRUCTED MONOLITHICALLY.
3. LOCATE 1/2" PREMOLDED TRANSVERSE EXPANSION JOINTS OF ASPHALT IMPREGNATED CELOTEX IN CURB AND GUTTER AT 100' INTERVALS, AT CURB RETURNS, AT ANY TRANSITION FROM MACHINE EXTRUDED CURB TO FORMED CURB, AND AT ANY LOCATION WHERE CONCRETE PLACEMENT WILL STOP LONG ENOUGH FOR CONCRETE TO SET PRIOR TO CONTINUING WITH ADDITIONAL CONCRETE. PROVIDE 3" DEEP CRACK (WEAKENED PLANE) JOINT EVERY 10'.
4. ALL CONCRETE FOR THOSE ITEMS SHOWN ON THIS SHEET SHALL BE FINISHED BY BRUSHING WITH A SOFT BROOM AND SPRAYED UNIFORMLY WITH A CLEAR PIGMENTED CURING COMPOUND CONFORMING TO SECTION 90-7 OF THE AMENDMENTS TO MAY 2006 STANDARD SPECIFICATIONS.
5. ALL CURB AND GUTTER SHALL BE WATER TESTED AND SHALL DRAIN WITH NO PONDING. IF PONDING DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF A SUFFICIENT AMOUNT OF CURB AND GUTTER TO ELIMINATE THE PONDING. GRINDING OF THE FLOWLINE WILL NOT BE PERMITTED.
6. THE AREA TO BE REGRADED BEHIND THE CURB VARIES. CONTRACTOR TO GRADE AND PREPARE AREA FOR REVEGETATION BY OTHERS. NATIVE MATERIAL IS ACCEPTABLE FOR FILL, EXCLUDING ROCKS LARGER THAN 1 1/2" IN DIMENSION. BACKFILL, REGRADING, AND TOPSOIL MIX PLACEMENT AND COMPACTION, WILL BE INCLUDED IN THE REMOVE & REPLACE CURB AND GUTTER BID PRICE.
7. SEE SPECIAL PROVISIONS FOR SUBGRADE PREPARATION REQUIREMENTS.

MODIFY DRAINAGE INLET DETAIL
NTS

4
D-1

NO.	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Peter J. Cogan
REGISTERED CIVIL ENGINEER
DATE: 4/17/10

DESIGNED: SPK
CHECKED: DSP
DRAWN: JTC
DATE: 4/20/10
ROAD NUMBER: 114

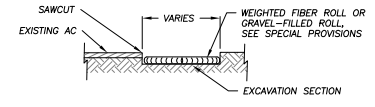
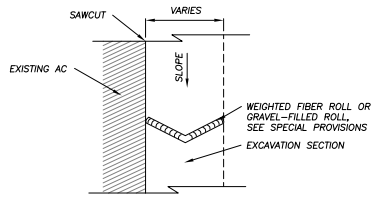


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

PIONEER TRAIL OVERLAY (2.02 MILES)/RE-STRIPING AND WATER QUALITY IMPROVEMENT PROJECT
DETAILS

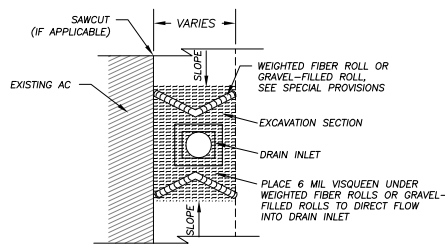
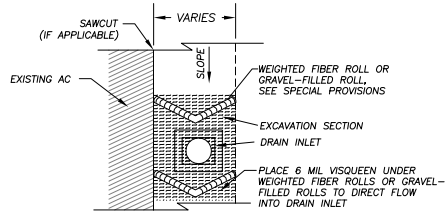
SHEET
D-1
6 OF 7
CONTRACT NO. PW 09-30494
SHEET NO. 72164

DRAWING NAME: S:\CIVIL\3D PROJECTS\72164\Engineering\station\PIB01_P1_L1-2.dwg
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS

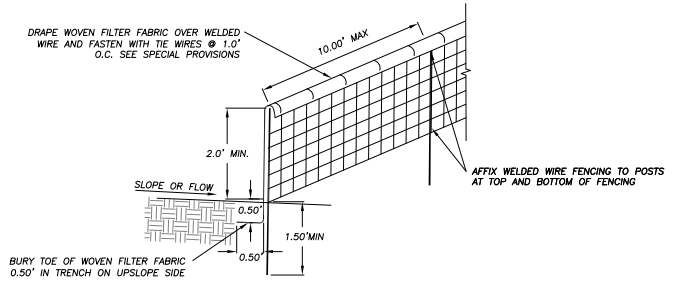


NOTE:
SPACING INTERVALS FOR WEIGHTED FIBER ROLL OR GRAVEL FILLED ROLL
TEMPORARY SEDIMENT CONTROL ON GRADE SHALL BE AT 50' OC FOR SLOPES
GREATER THAN 5% AND AT 100' OC FOR SLOPES LESS THAN OR EQUAL TO 5%.

WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS 1
NTS D-2

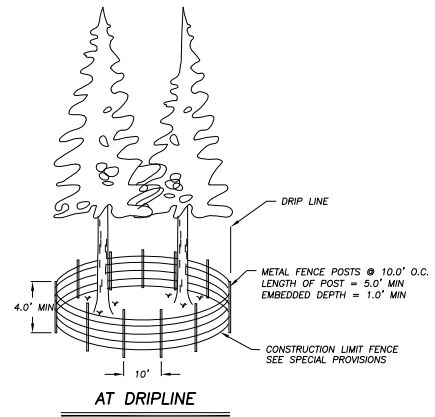


DRAIN INLET PROTECTION 2
NTS D-2



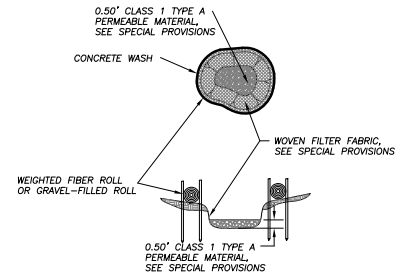
NOTES: 1. CONTRACTOR MAY USE PRE MANUFACTURED SEDIMENT CONTROL FENCE AS APPROVED BY THE ENGINEER, SEE SPECIAL PROVISIONS.
2. PLACE FENCING SUCH THAT STORM RUNOFF CANNOT PASS AROUND OR UNDER FENCE.

FILTER FENCE (FF) 3
NTS D-2



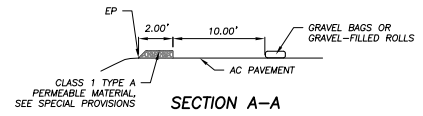
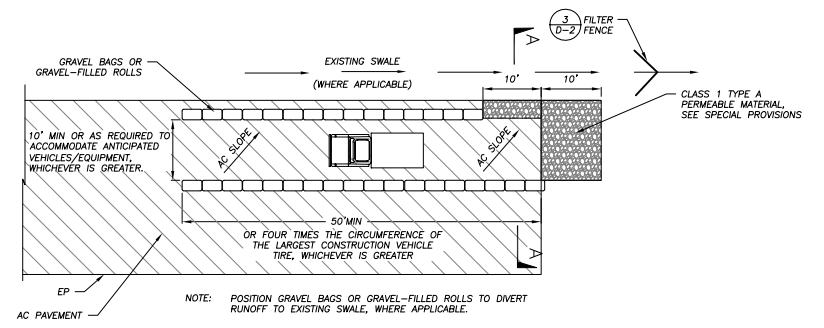
NOTE: DETAIL ABOVE IS TYPICAL FOR SOME DRIPLINE LOCATIONS. CONSTRUCTION LIMIT FENCE SHALL BE STAKED IN THE FIELD BY ENGINEER.

CONSTRUCTION LIMIT FENCE (CLF) 4
NTS D-2



NOTE: CONCRETE WASH SHALL BE SIZED FOR WASHING ALL CONCRETE EQUIPMENT W/O OVER TOPPING BASIN.

CONCRETE WASH AREA 5
NTS D-2



TIRE WASH AREA (ON PAVEMENT) 6
NTS D-2

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Peter K. Johnson
REGISTERED CIVIL ENGINEER
DATE: 4/12/10

DESIGNED: SPK
DRAWN: JTC
CHECKED: DSP
DATE: 4/20/10
ROAD NUMBER: 114



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

PIONEER TRAIL OVERLAY (2.02 MILES)/RE-STRIPING AND WATER QUALITY IMPROVEMENT PROJECT
DETAILS

SHEET
D-2
7 OF 7
CONTRACT NO.
PW 09-30494
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72164