

C.H. GUERNEY & COMPANY - OK, CA (10) PE, Expires 06/30/16

PAVING LEGEND

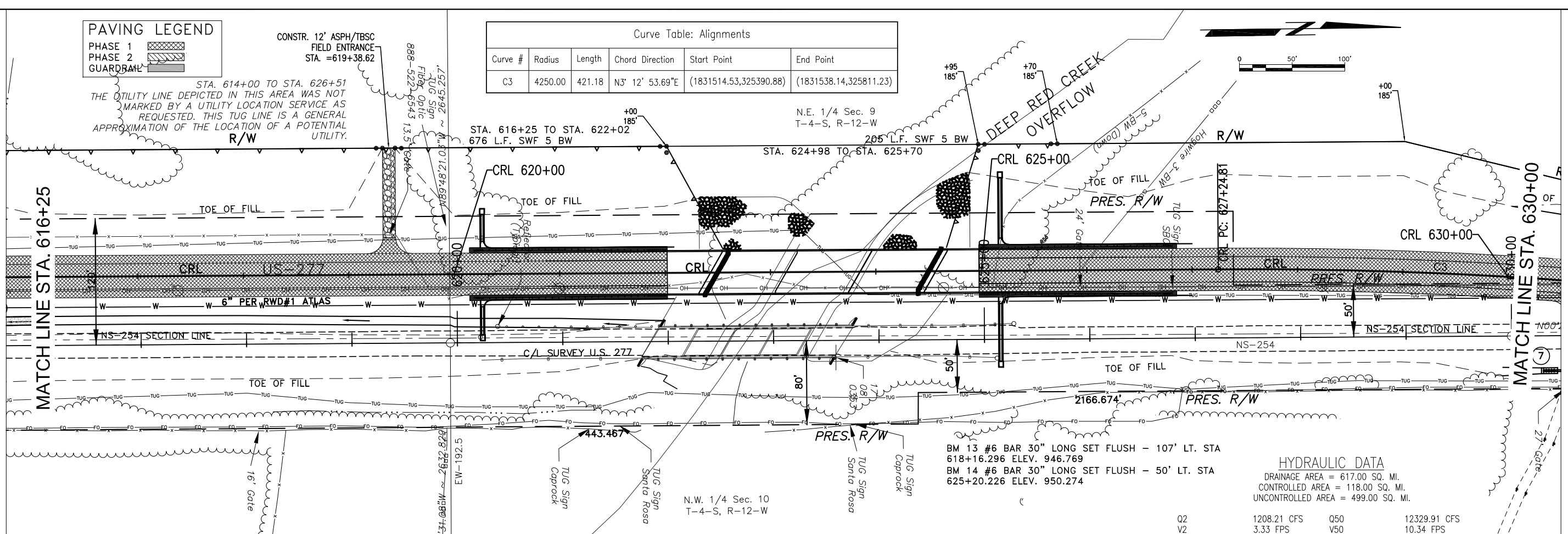
PHASE 1	
PHASE 2	
GUARDRAIL	

CONSTR. 12' ASPH/TBSC FIELD ENTRANCE STA. =619+38.62

STA. 614+00 TO STA. 626+51
THE UTILITY LINE DEPICTED IN THIS AREA WAS NOT MARKED BY A UTILITY LOCATION SERVICE AS REQUESTED. THIS TUG LINE IS A GENERAL APPROXIMATION OF THE LOCATION OF A POTENTIAL UTILITY.

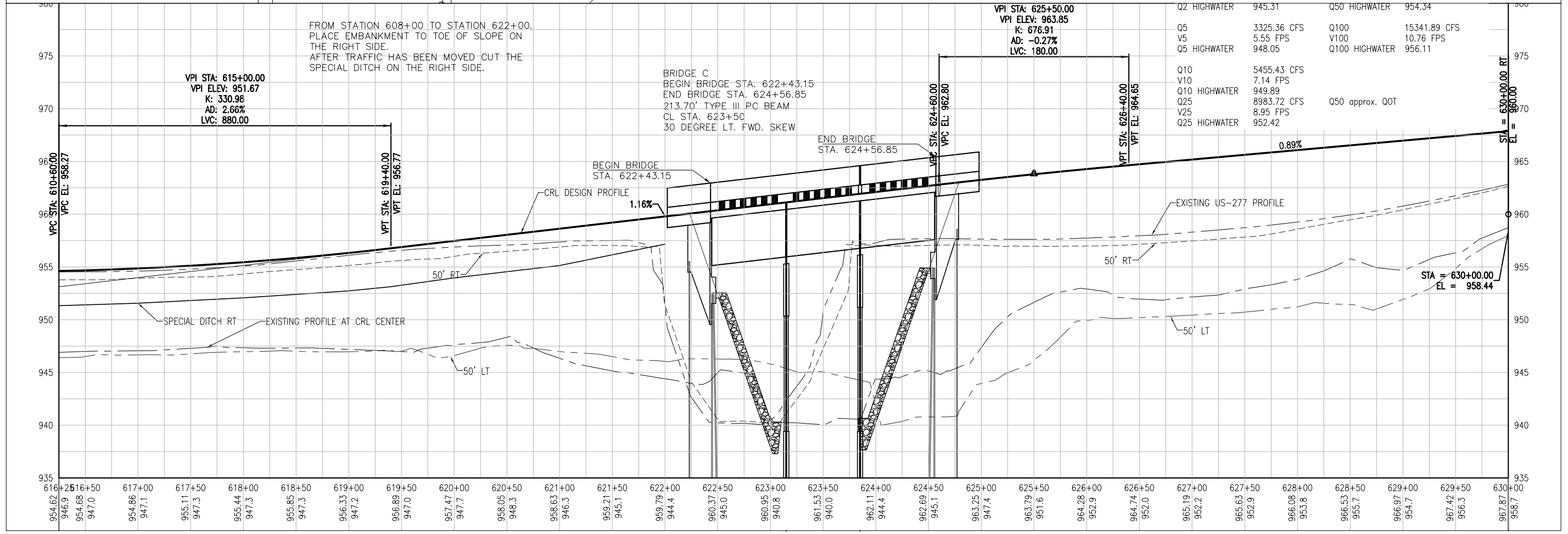
Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C3	4250.00	421.18	N3° 12' 53.69"E	(1831514.53,325390.88)	(1831538.14,325811.23)



HYDRAULIC DATA
 DRAINAGE AREA = 617.00 SQ. MI.
 CONTROLLED AREA = 118.00 SQ. MI.
 UNCONTROLLED AREA = 499.00 SQ. MI.

BM 13 #6 BAR 30" LONG SET FLUSH - 107' LT. STA 618+16.296 ELEV. 946.769
 BM 14 #6 BAR 30" LONG SET FLUSH - 50' LT. STA 625+20.226 ELEV. 950.274



Q2	1208.21 CFS	Q50	12329.91 CFS
V2	3.33 FPS	V50	10.34 FPS
Q5	3325.36 CFS	Q100	15341.89 CFS
V5	5.55 FPS	V100	10.76 FPS
Q5 HIGHWATER	948.05	Q100 HIGHWATER	956.11
Q10	5455.43 CFS	Q50 approx. QOT	
V10	7.14 FPS		
Q10 HIGHWATER	949.89		
Q25	8983.72 CFS		
V25	8.95 FPS		
Q25 HIGHWATER	952.42		

1/29/2016 M:\7697\010\US-277 Deep Red Creek Plans\DEEP RED CREEK CST.dwg