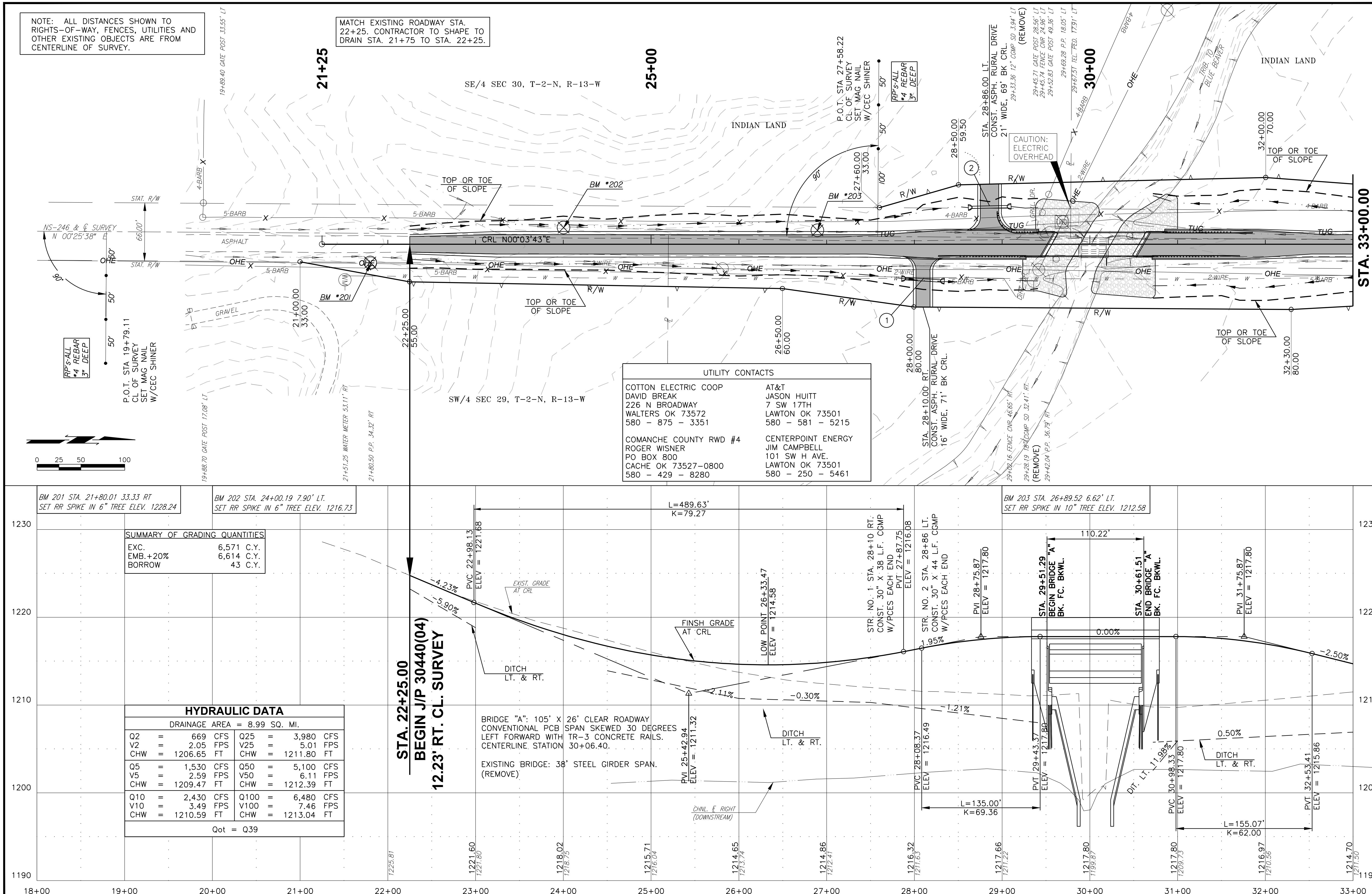
NOTE: ALL DISTANCES SHOWN TO RIGHTS-OF-WAY, FENCES, UTILITIES AND OTHER EXISTING OBJECTS ARE FROM CENTERLINE OF SURVEY.

MATCH EXISTING ROADWAY STA. 22+25. CONTRACTOR TO SHAPE TO DRAIN STA. 21+75 TO STA. 22+25.



UTILITY CONTACTS	
COTTON ELECTRIC COOP DAVID BREAK 226 N BROADWAY WALTERS OK 73572 580 - 875 - 3351	AT&T JASON HUITT 7 SW 17TH LAWTON OK 73501 580 - 581 - 5215
COMANCHE COUNTY RWD #4 ROGER WISNER PO BOX 800 CACHE OK 73527-0800 580 - 429 - 8280	CENTERPOINT ENERGY JIM CAMPBELL 101 SW H AVE. LAWTON OK 73501 580 - 250 - 5461

SUMMARY OF GRADING QUANTITIES	
EXC.	6,571 C.Y.
EMB.+20%	6,614 C.Y.
BORROW	43 C.Y.

HYDRAULIC DATA

DRAINAGE AREA = 8.99 SQ. MI.

Q2	=	669	CFS	Q25	=	3,980	CFS
V2	=	2.05	FPS	V25	=	5.01	FPS
CHW	=	1206.65	FT	CHW	=	1211.80	FT
Q5	=	1,530	CFS	Q50	=	5,100	CFS
V5	=	2.59	FPS	V50	=	6.11	FPS
CHW	=	1209.47	FT	CHW	=	1212.39	FT
Q10	=	2,430	CFS	Q100	=	6,480	CFS
V10	=	3.49	FPS	V100	=	7.46	FPS
CHW	=	1210.59	FT	CHW	=	1213.04	FT

Qot = Q39

BRIDGE "A": 105' X 26' CLEAR ROADWAY CONVENTIONAL PCB SPAN SKEWED 30 DEGREES LEFT FORWARD WITH TR-3 CONCRETE RAILS. CENTERLINE STATION 30+06.40.

EXISTING BRIDGE: 38' STEEL GIRDER SPAN. (REMOVE)

FILE: 06 07 PANDP.DWG
DATE: 6/9/17

JOB PIECE NO. 30440(04) Sheet No. R003