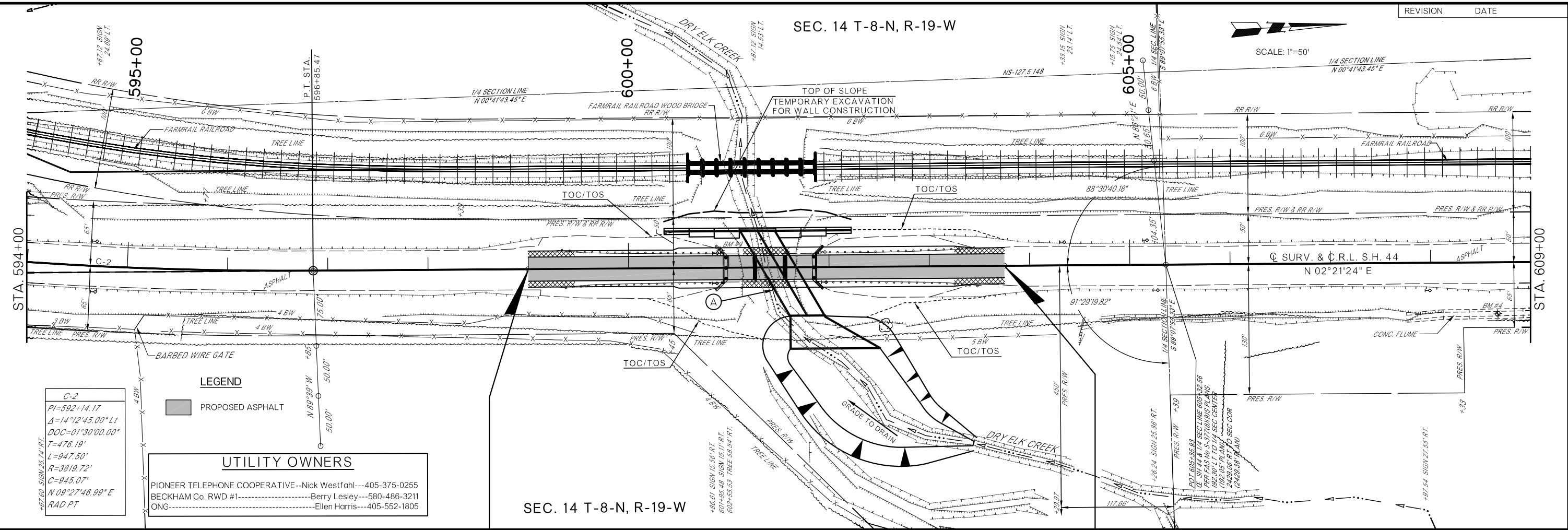


SEC. 14 T-8-N, R-19-W

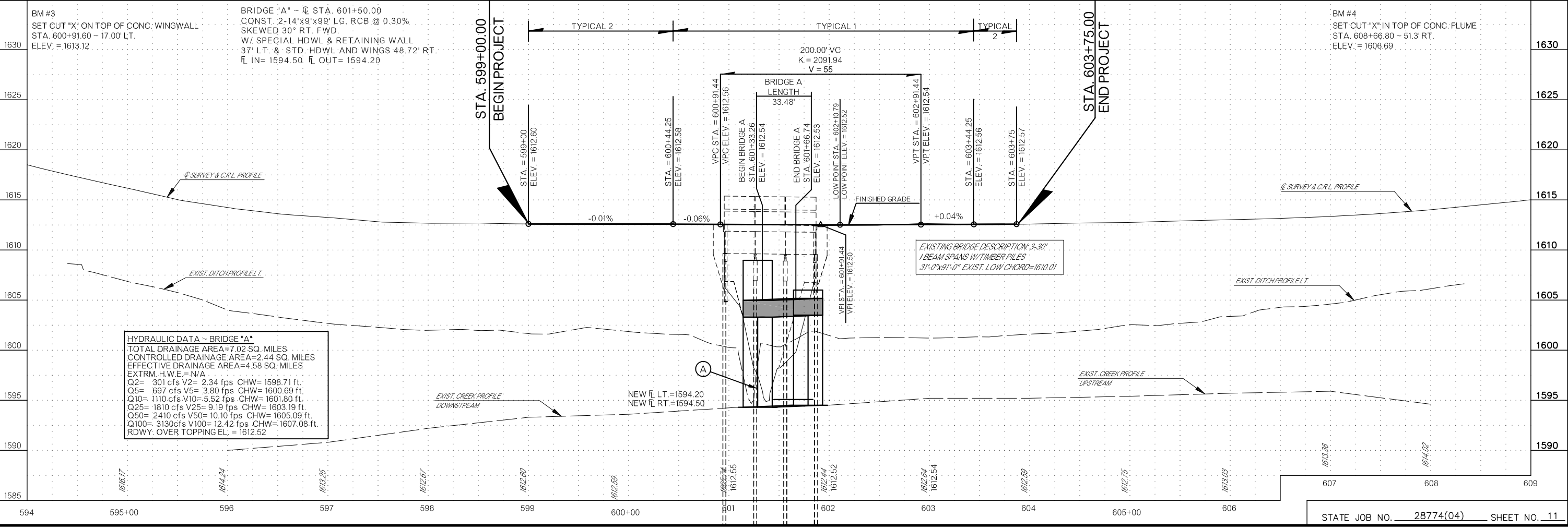


C-2
 PI=592+14.17
 $\Delta=14^{\circ}12'45.00''$ L1
 DOC=01^{\circ}30'00.00"
 T=476.19'
 L=947.50'
 R=3819.72'
 C=945.07'
 $N 09^{\circ}27'46.99'' E$
 RAD PT

LEGEND
 [Symbol] PROPOSED ASPHALT

UTILITY OWNERS
 PIONEER TELEPHONE COOPERATIVE--Nick Westfahl---405-375-0255
 BECKHAM Co. RWD #1-----Berry Lesley---580-486-3211
 ONG-----Ellen Harris---405-552-1805

SEC. 14 T-8-N, R-19-W



HYDRAULIC DATA - BRIDGE "A"
 TOTAL DRAINAGE AREA=7.02 SQ. MILES
 CONTROLLED DRAINAGE AREA=2.44 SQ. MILES
 EFFECTIVE DRAINAGE AREA=4.58 SQ. MILES
 EXTRM. H.W.E.=N/A
 Q2= 301 cfs V2= 2.34 fps CHW= 1598.71 ft.
 Q5= 697 cfs V5= 3.80 fps CHW= 1600.69 ft.
 Q10= 1110 cfs V10= 5.52 fps CHW= 1601.80 ft.
 Q25= 1810 cfs V25= 9.19 fps CHW= 1603.19 ft.
 Q50= 2410 cfs V50= 10.10 fps CHW= 1605.09 ft.
 Q100= 3130 cfs V100= 12.42 fps CHW= 1607.08 ft.
 RDWY. OVER TOPPING EL.= 1612.52

EXISTING BRIDGE DESCRIPTION: 3-30'
 1 BEAM SPANS WITH TIMBER PILES
 31'-0" X 91'-0" EXIST. LOW CHORD=1610.01

R: 113547\113547E\Drawings\PP01 Dustin.Heidrich 3-08-16 11:52am

WASHITA COUNTY
 S.H. 44