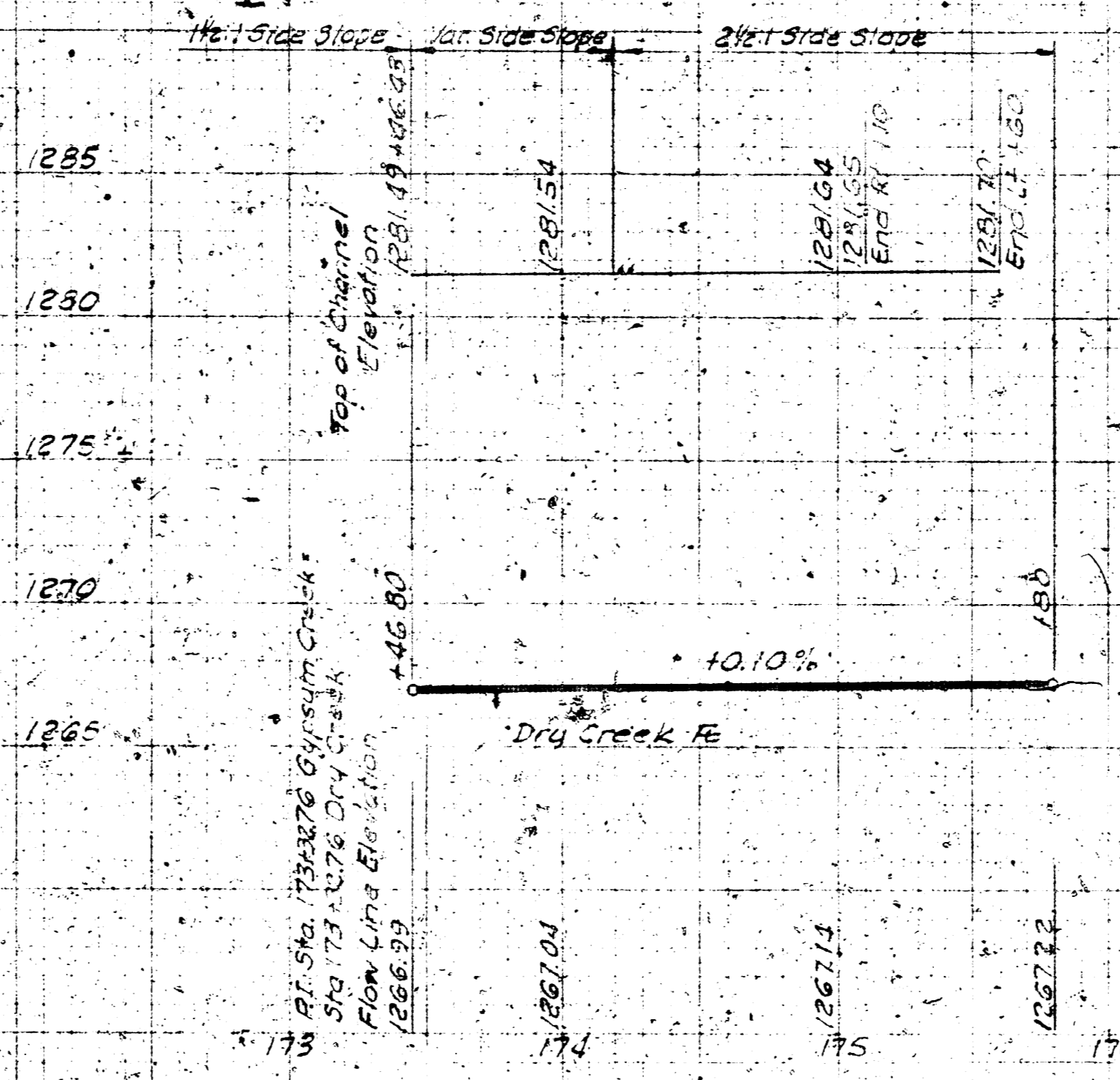
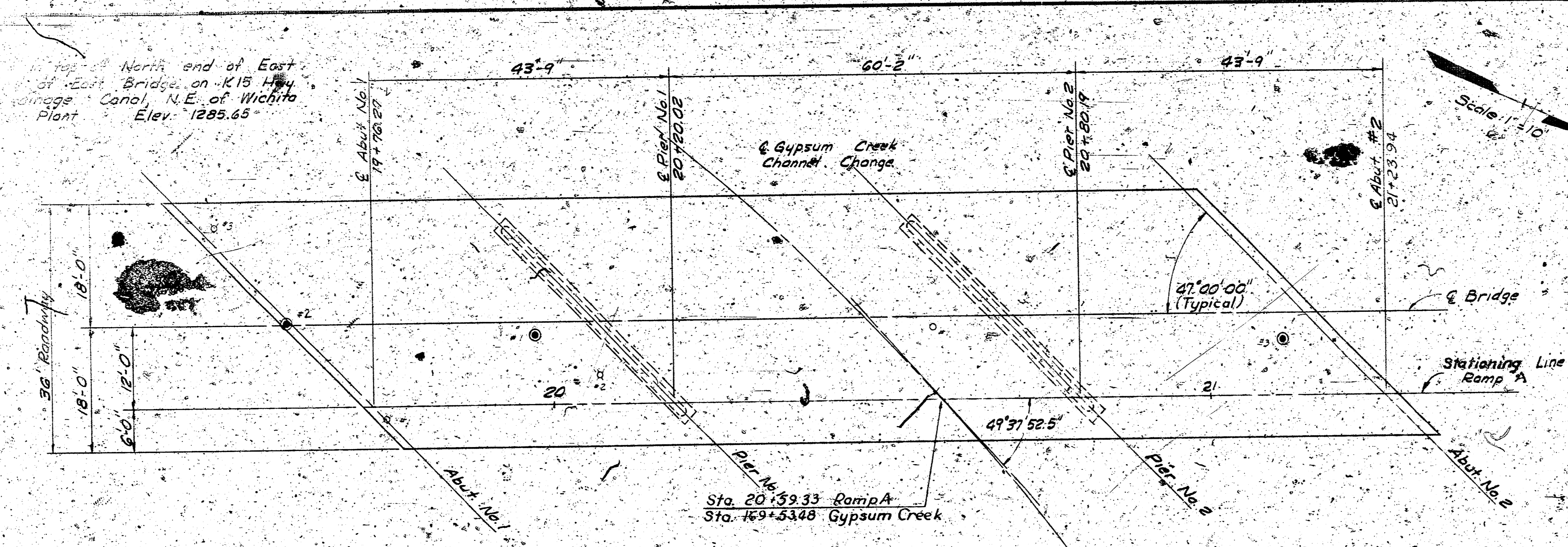


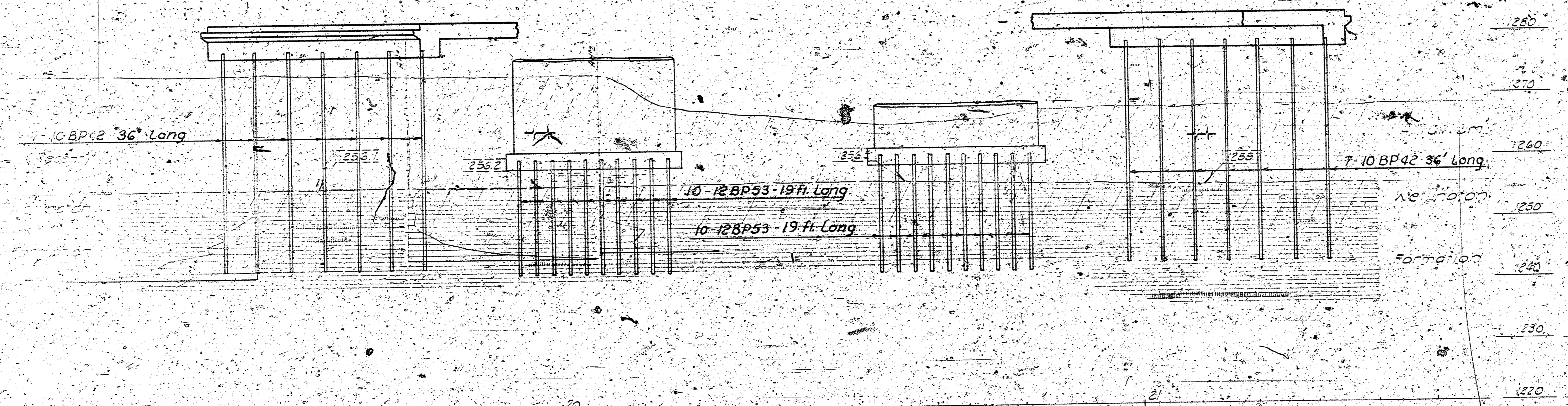
GYP SUM CREEK PROFILE



DRY CREEK PROFILE



Pub. No. 11	11-11-75
Rev. No. 1	11-11-75



GEOLOGIC PROFILE

Soil Core Sand transported shale

Weathered shale

Shale

Shale & Gypsum

Elevation interpolated or from adjacent soundings

Soundings

Core of air hammer drive

Water level

May, 1964

AIR HAMMER DRIVE TEST

Scale 1" = 20' Section 10-12

NOTE: The soundings shown on these plans are taken from notes obtained in the field and represent the best information available to the Kansas Highway Commission. The logs of these soundings are in the files of the State Highway Commission of Kansas and are available at their offices at Topeka, Kansas for inspection by interested and qualified persons.

Scale = 0" = 100'

NO.	DATE	REVISION
1		

STATE HIGHWAY COMMISSION

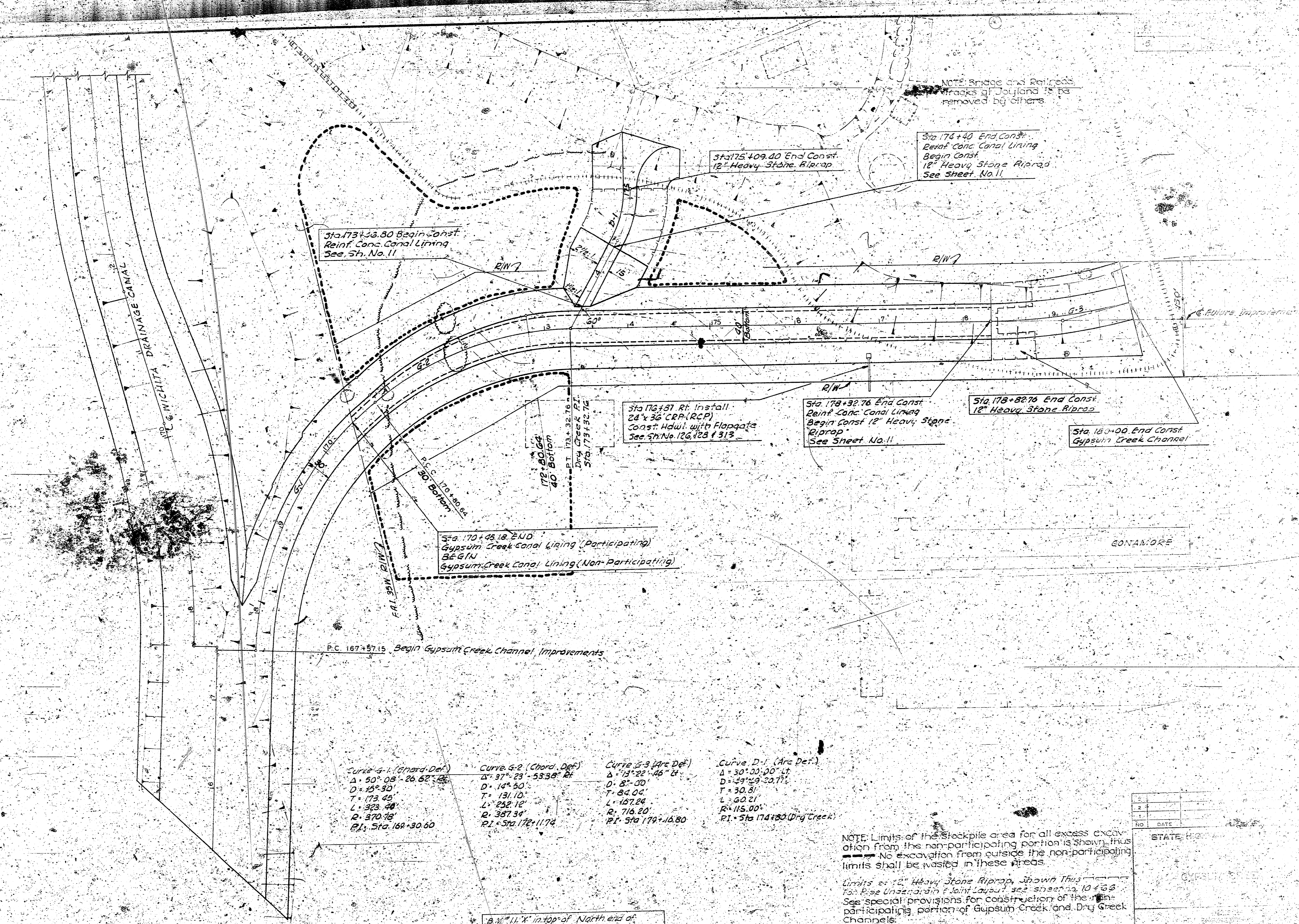
BR. NO. 35W-67-1175

ENGINEERING GEOLOGY

RAMP A OVER GYPSUM CREEK

PROJ. 35W-67-1175

ENGR. 35W-67-1175



NOTE: Bridge and Railroad  
 Tracks of Jaylons to be  
 removed by others

Sta. 174+40 End Const.  
 Rein. Conc. Canal Lining  
 Begin Const.  
 12" Heavy Stone Riprap  
 See Sheet No. 11

Sta. 173+36.80 Begin Const.  
 Rein. Conc. Canal Lining  
 See Sh. No. 11

Sta. 175+09.40 End Const.  
 12" Heavy Stone Riprap

Sta. 176+31 Rt. Install.  
 24" x 36" CRP (RCP)  
 Const. Hdwt. with Flapgate  
 See Sh. No. 176, 178 & 179

Sta. 178+32.76 End Const.  
 Rein. Conc. Canal Lining  
 Begin Const. 12" Heavy Stone  
 Riprap  
 See Sheet No. 11

Sta. 178+82.76 End Const.  
 12" Heavy Stone Riprap

Sta. 169+00 End Const.  
 Gypsum Creek Channel

Sta. 170+45.18 END  
 Gypsum Creek Canal Lining (Participating)  
 BEGIN  
 Gypsum Creek Canal Lining (Non-Participating)

P.C. 169+49.15 Begin Gypsum Creek Channel Improvements

Curve G-1 (Chord Def)  
 $\Delta = 50^{\circ} 08' - 26.62'$   
 $D = 15^{\circ} 30'$   
 $T = 173.45'$   
 $L = 323.48'$   
 $P = 370.18'$   
 $PI = Sta. 169+30.60$

Curve G-2 (Chord Def)  
 $\Delta = 37^{\circ} 23' - 53.38'$   
 $D = 14^{\circ} 50'$   
 $T = 131.10'$   
 $L = 258.10'$   
 $P = 387.34'$   
 $PI = Sta. 172+11.72$

Curve G-3 (Arc Def)  
 $\Delta = 15^{\circ} 23' - 48'$   
 $D = 8^{\circ} 00'$   
 $L = 84.00'$   
 $L = 167.84'$   
 $P = 716.80'$   
 $PI = Sta. 179+16.80$

Curve D-1 (Arc Def)  
 $\Delta = 30^{\circ} 00' - 00'$   
 $D = 29^{\circ} 23' - 23.71'$   
 $T = 30.81'$   
 $L = 60.21'$   
 $R = 115.00'$   
 $PI = Sta. 174+83 (Dry Creek)$

8" x 11" x 12" in top of North end of  
 East Abutment of East bridge on  
 Hwy. 1615 over the Wichita Drainage  
 Canal. Elev. 1225.55

NOTE: Limits of the Stockpile area for all excess excavation from the non-participating portion is shown, thus no excavation from outside the non-participating limits shall be wasted in these areas.

Limits of 12" Heavy Stone Riprap, shown thus. For Base Underdrain Joint Layout, see sheet 10 & 11. See special provisions for construction of the non-participating portion of Gypsum Creek and Dry Creek Channels.

NO.	DATE	BY	CHKD.

STATE HIGHWAY DEPARTMENT  
 DIVISION OF HIGHWAYS  
 PROJECT NO. \_\_\_\_\_  
 SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_  
 DATE \_\_\_\_\_