

Scales  
 Plan 1"=10'  
 Profile 1"=10'  
 Channel Sec. 1"=5'

**STRUCTURE No. 1843**  
 Sta. 972+79.2

**ESTIMATED QUANTITIES**

- E-2 Struct. Excav. 10 Cu. Yds.
- E-3 Channel Excav. 345 Cu. Yds.
- S-1 Conc. Class "E" 8 Cu. Yds.
- S-27 Sec. Corr. Metal Pipe Arch or Reinforced Conc. Elliptical Pipe Culv. 150 Lin. Ft.
- I-10 Rip Rap Type "A" (reinf. conc.) 51 Sq. Yds.

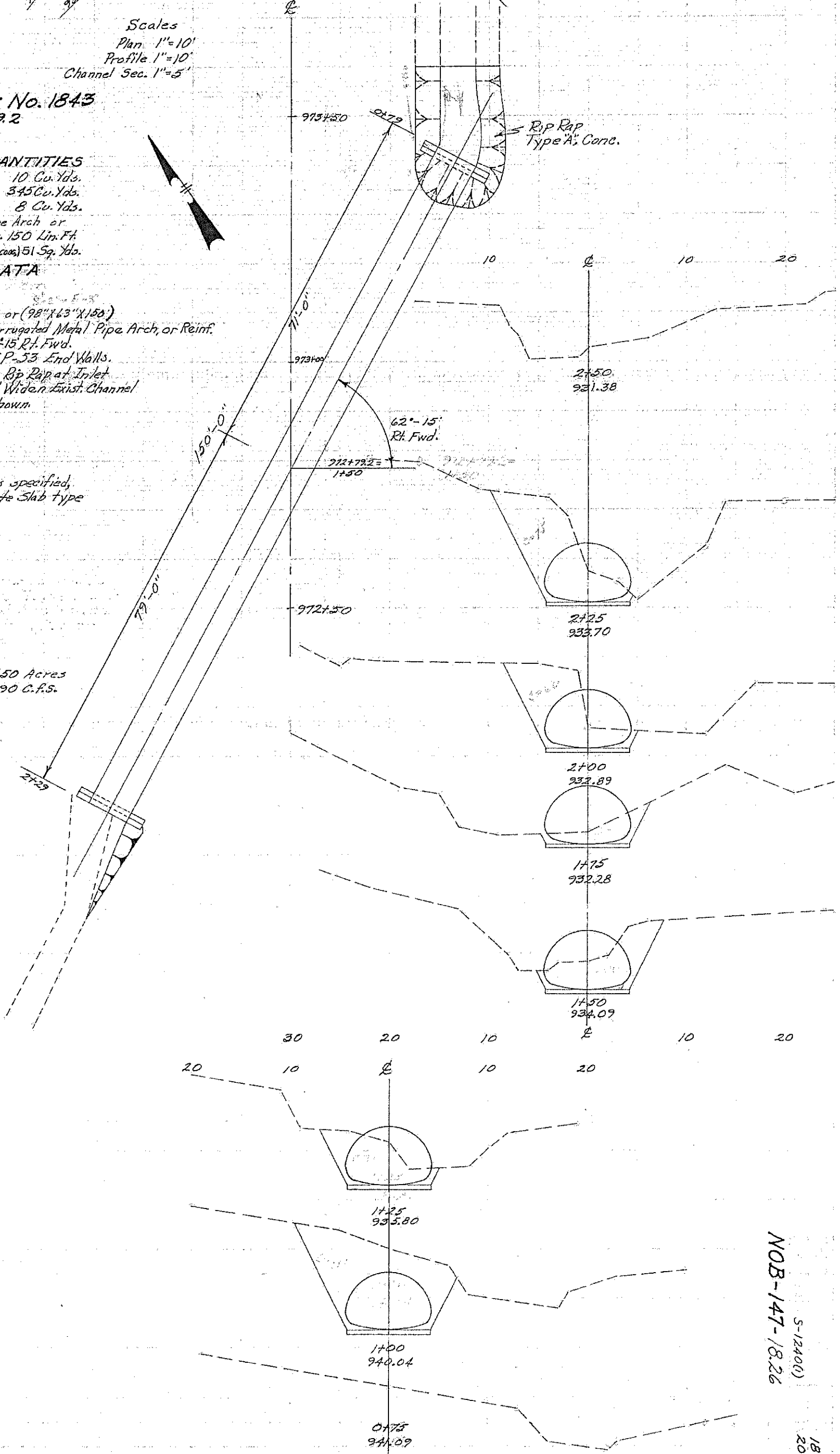
**CULVERT DATA**

Type: Pipe Structure  
 Std. Dwg. SP-53  
 Size: 8'-7" X 5'-11" X 150'-0" or (98" X 63" X 150")  
 Work Req'd: Build Sectional Corrugated Metal Pipe Arch, or Reinf. Ellip. conc. Pipe @ 62°-15' Rt. Fwd.  
 Skew With Std. SP-53 End Walls.  
 Rt. & Lt. and Place Rip Rap at Inlet end as shown and Widen Exist. Channel on Outlet end as shown.

**NOTE:**

Where Rip Rap is specified, 6" Reinforced Concrete Slab type shall be used.

Drainage Area = 450 Acres  
 $Q_{10} = 290$  C.F.S.



NOB-147-18.26

S-12400