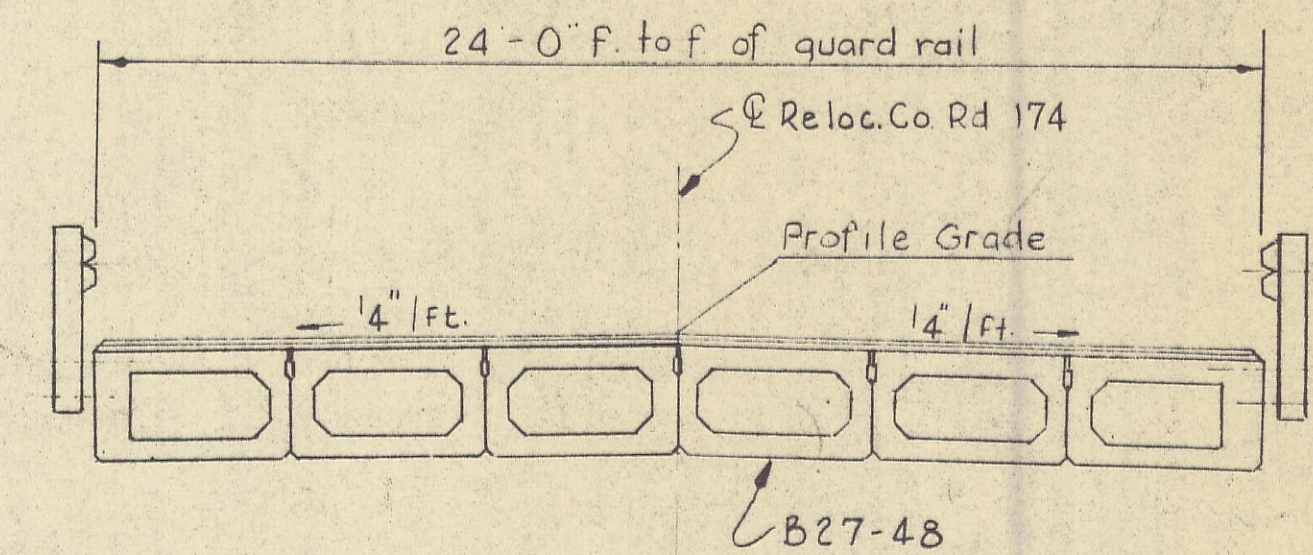
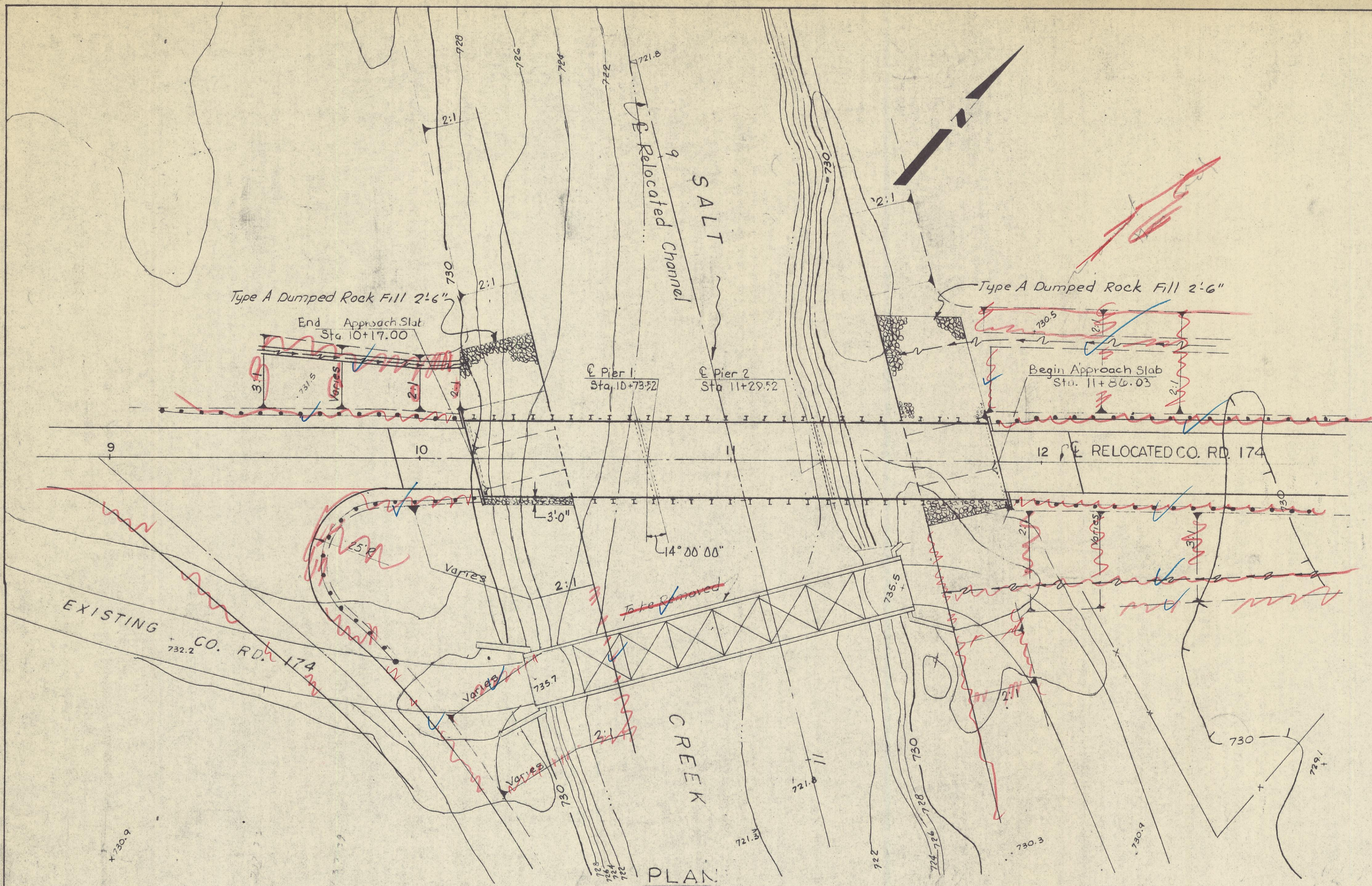


HOCKING CO. RD. 174 (RELOCATED)
1/2 Mile East of Adelphi



The existing structure will be removed by others after completion of this new structure.

ADT 1989 = 923

EXISTING STRUCTURE

Existing structure shall be removed and becomes property of contractor except that stone of abutments shall be piled for removal from the site by the County's forces.
 TYPE: Steel Trusses
 SPANS: 120' ±
 ROADWAY: 14' between trusses
 WEARING SURFACE: Wood Floor
 LOADING: 3 Ton Limit

PROPOSED STRUCTURE

TYPE: Prestressed concrete box beams and capped pile substructure
 SPANS: 56'-0", 56'-0", 56'-0"
 ROADWAY: 24'-0" F. to f. of guard rail.
 WEARING SURFACE: 2" Asphalt Concrete
 LOADING: AASHTO HS-20-44
 ALIGNMENT: Tangent
 APPROACH SLABS: A5-1-G7 (25'-0" Long)
 SKEW: 14° R.F.

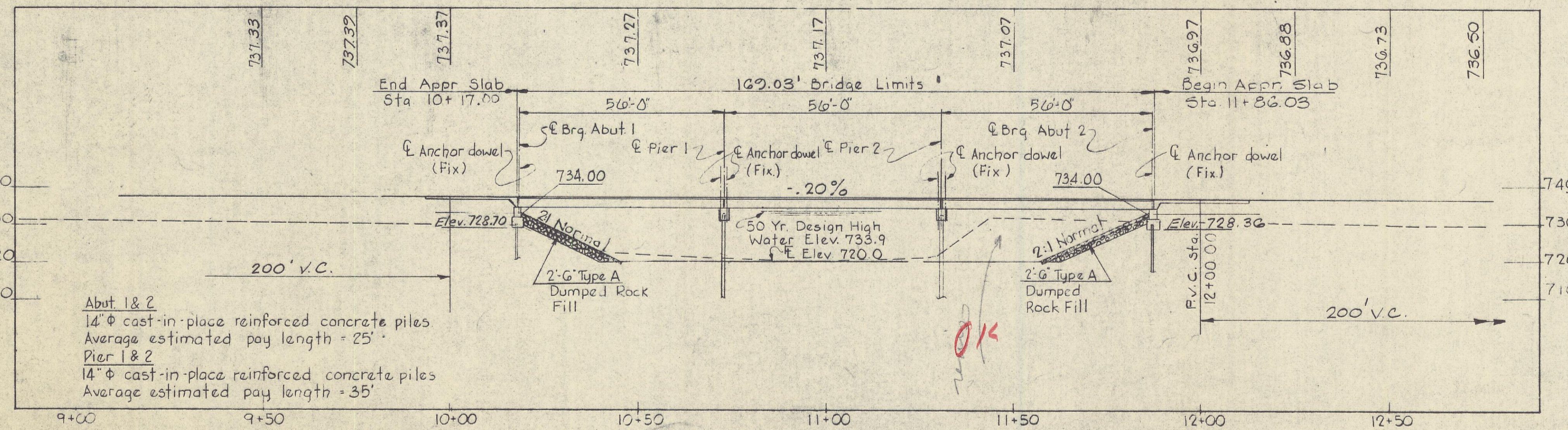
Design 50 Year High Water Clearance = 7 3/4"

HYDRAULIC DATA

D.A. 106 Sq. Miles
 Q25 14,700 c.f.s.
 Q50 10,800 c.f.s.

VERTICAL CURVE DATA

Length: 200'
 Approach Gradient -0.20%
 Departing Gradient -2.50%
 R.V.I. Sta. 13+00
 Elevation: 736.77



PROFILE ON C OF ROADWAY

Abut. 1 & 2
 14" φ cast-in-place reinforced concrete piles
 Average estimated pay length = 25'
 Pier 1 & 2
 14" φ cast-in-place reinforced concrete piles
 Average estimated pay length = 35'

SITE PLAN

CO. RD. 174 (RELOCATED) OVER
SALT CREEK

STA. 10 + 17.00
TO STA. 11 + 86.03