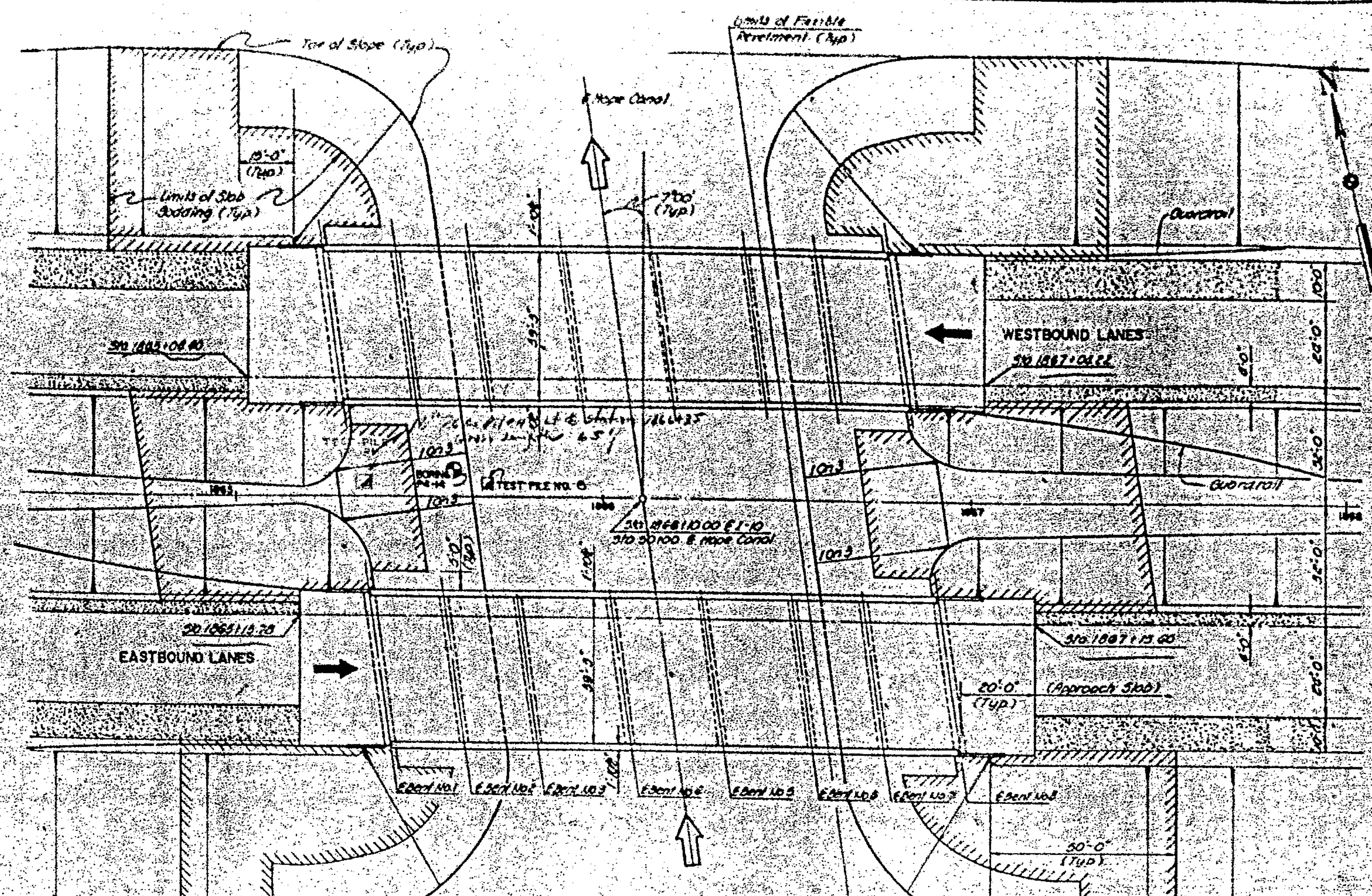
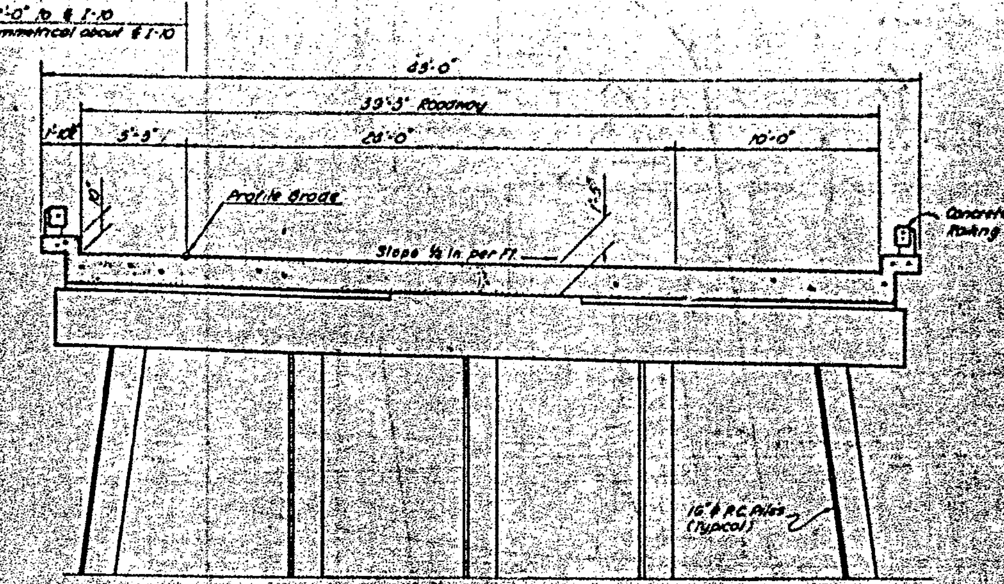
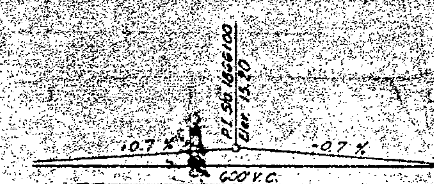


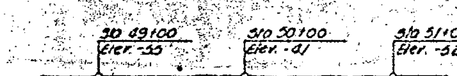
PLAN



TYPICAL SECTION

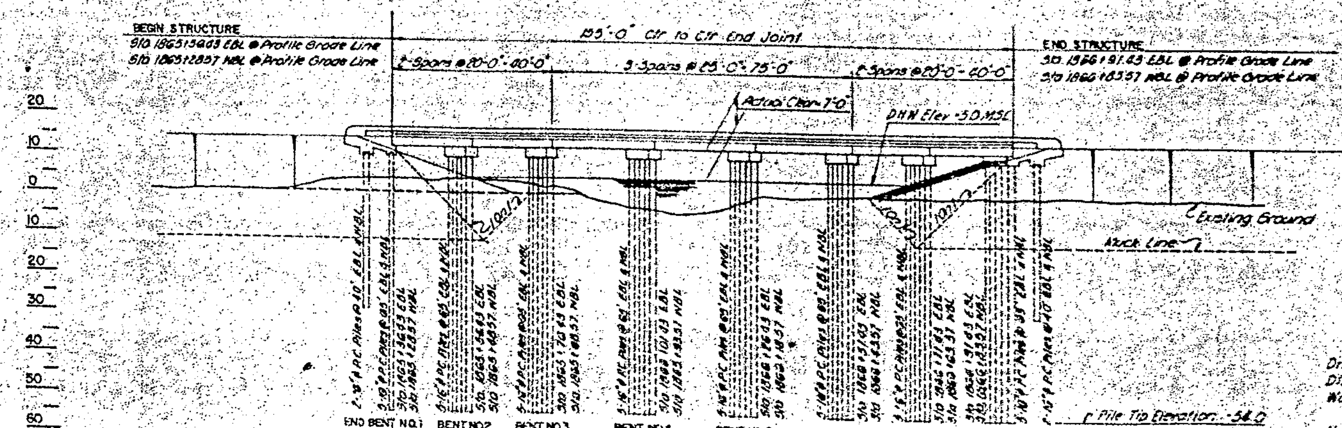


PROFILE GRADE I-10

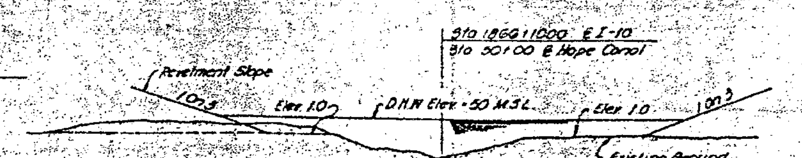


PROFILE HOPE CANAL

I-10 Main Lane
Design Speed = 60 m.p.h.
1958 A.D.T. Traffic = 11,795



ELEVATION



CROSS SECTION

Note: For net lengths of piling in place see field book 108-272 pages 5-46 incl.

Notes:
For General Notes see Sheet No. 101.
Live Load: HS 20-44 (Modified).
The location of borings is shown in plan by ⊕.
For Boring Logs see Sheets No. 146 & 147.
For drain locations see Sheets No. 134 & 135.
The location of test pile is shown in plan by ☒.
Test piles are not permanent. They shall be cut off at an elevation of 2 ft. below existing ground and covered with soil or they must be pulled.

HYDRAULIC DATA

Drainage Area	18.75 Sq. Mi.
Discharge (50 year Flood)	1750 c.f.s.
Waterway Area below Elev. 5.0	577 Sq. Ft. (Suggested)
	567 Sq. Ft. (Actual)
Velocity, Average	3.0 f.p.s (Suggested)
	3.03 f.p.s (Actual)

GENERAL PLAN — BRIDGE NO 160

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

INTERSTATE I-10
OVER
HOPE CANAL
STA. 1866+10.00

BARNARD & BURK
HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS – BATON ROUGE, LOUISIANA

Scale N.T.S. — Sheet No. 130

AS BUILT