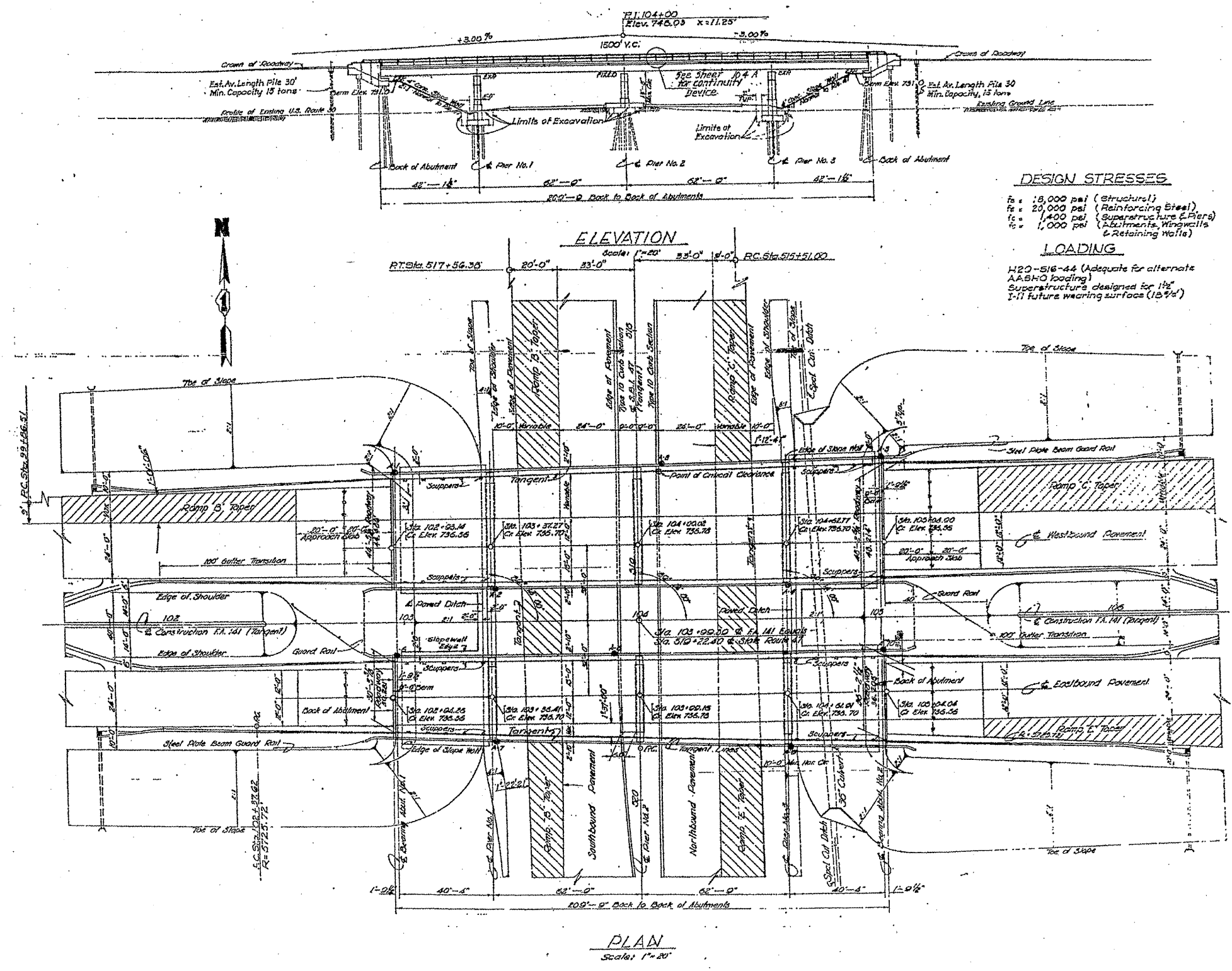


ROUTE VARIOUS	SECTION 2010-023 BP	COUNTY VARIOUS	TOTAL SHEETS 93	SHEET NUMBER 17
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CONTRACT NO. 60K48



**DESIGN STRESSES**  
 $f_s = 18,000$  psi (Structure)  
 $f_r = 20,000$  psi (Reinforcing Steel)  
 $f_c = 1,400$  psi (Superstructure & Piers)  
 $f_c = 1,000$  psi (Substructure, Wingwalls & Retaining Walls)

**LOADING**  
 H20-516-44 (Adequate for alternate AASHTO loading)  
 Superstructure designed for 1 1/2" future wearing surface (15% $\pm$ )

ILLINOIS DEPARTMENT OF  
TRANSPORTATION

EXISTING BRIDGE PLAN

LOCATION 1: SN 045-0035  
 LOCATION 2: SN 045-0036  
 IL 56 (EB & WB) OVER IL47

SH. 1 of 3