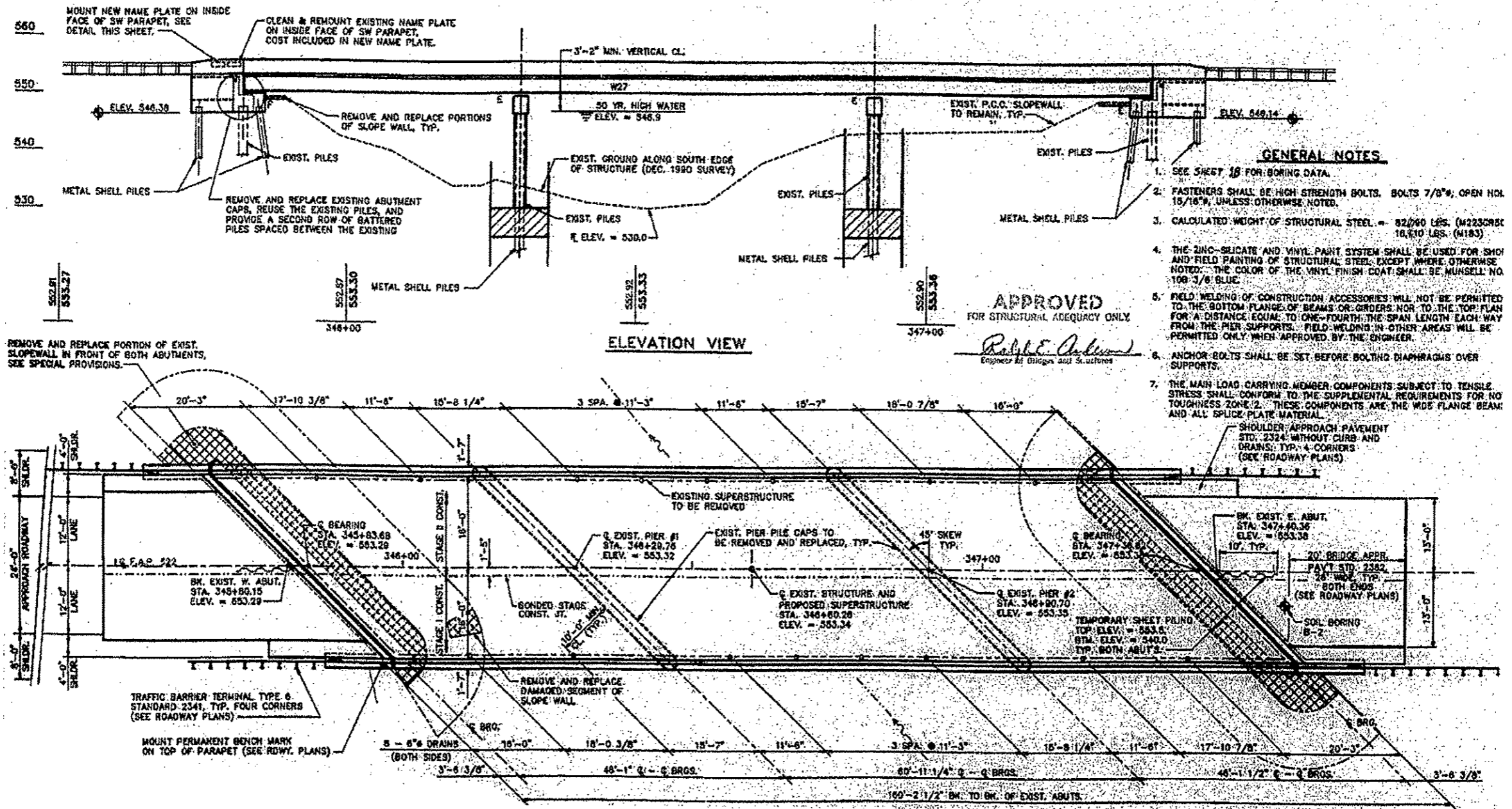


LOCATION 4 S.N. 036-0009 INFORMATION ONLY



- ### GENERAL NOTES
- SEE SHEET 18 FOR BORING DATA.
 - FASTENERS SHALL BE HIGH STRENGTH BOLTS. BOLTS 7/8"; OPEN HOLE 15/16", UNLESS OTHERWISE NOTED.
 - CALCULATED WEIGHT OF STRUCTURAL STEEL = 82,740 LBS. (W223C8X16, 110 LBS. (M183))
 - THE ZINC-BLENDED AND VINYL PAINT SYSTEM SHALL BE USED FOR SHOP AND FIELD PAINTING OF STRUCTURAL STEEL EXCEPT WHERE OTHERWISE NOTED. THE COLOR OF THE VINYL FINISH COAT SHALL BE MUNSELL NO. 100-3/6 BLUE.
 - FIELD WELDING OF CONSTRUCTION ACCESSORIES WILL NOT BE PERMITTED TO THE BOTTOM FLANGE OF BEAMS OR GIRDERS NOR TO THE TOP FLANGE FOR A DISTANCE EQUAL TO ONE-FOURTH THE SPAN LENGTH EACH WAY FROM THE PIER SUPPORTS. FIELD WELDING IN OTHER AREAS WILL BE PERMITTED ONLY WHEN APPROVED BY THE ENGINEER.
 - ANCHOR BOLTS SHALL BE SET BEFORE BOLTING DIAPHRAGMS OVER SUPPORTS.
 - THE MAIN LOAD CARRYING MEMBER COMPONENTS SUBJECT TO TENSILE STRESS SHALL CONFORM TO THE SUPPLEMENTAL REQUIREMENTS FOR NO TOUGHNESS ZONE. THESE COMPONENTS ARE THE WIDE FLANGE BEAM AND ALL SPLICE PLATE MATERIAL.

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Arlt
Engineer of Design and Structures

FILE NAME March 2013 Metalite.dgn	USER NAME DEFAULT	DESIGNED ---	REVISED ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 4 ELEVATION VIEW INFORMATION ONLY	SCALE var D4 Bridge Metalizing 2013	SECTION Various	COUNTY Various	TOTAL SHEETS 20	SHEET NO. 10
MODEL NAME	PLOT SCALE 0.0031" = 1'-0"	CHECKED ---	REVISED ---	SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 68825 ILLINOIS FED. AID PROJECT				