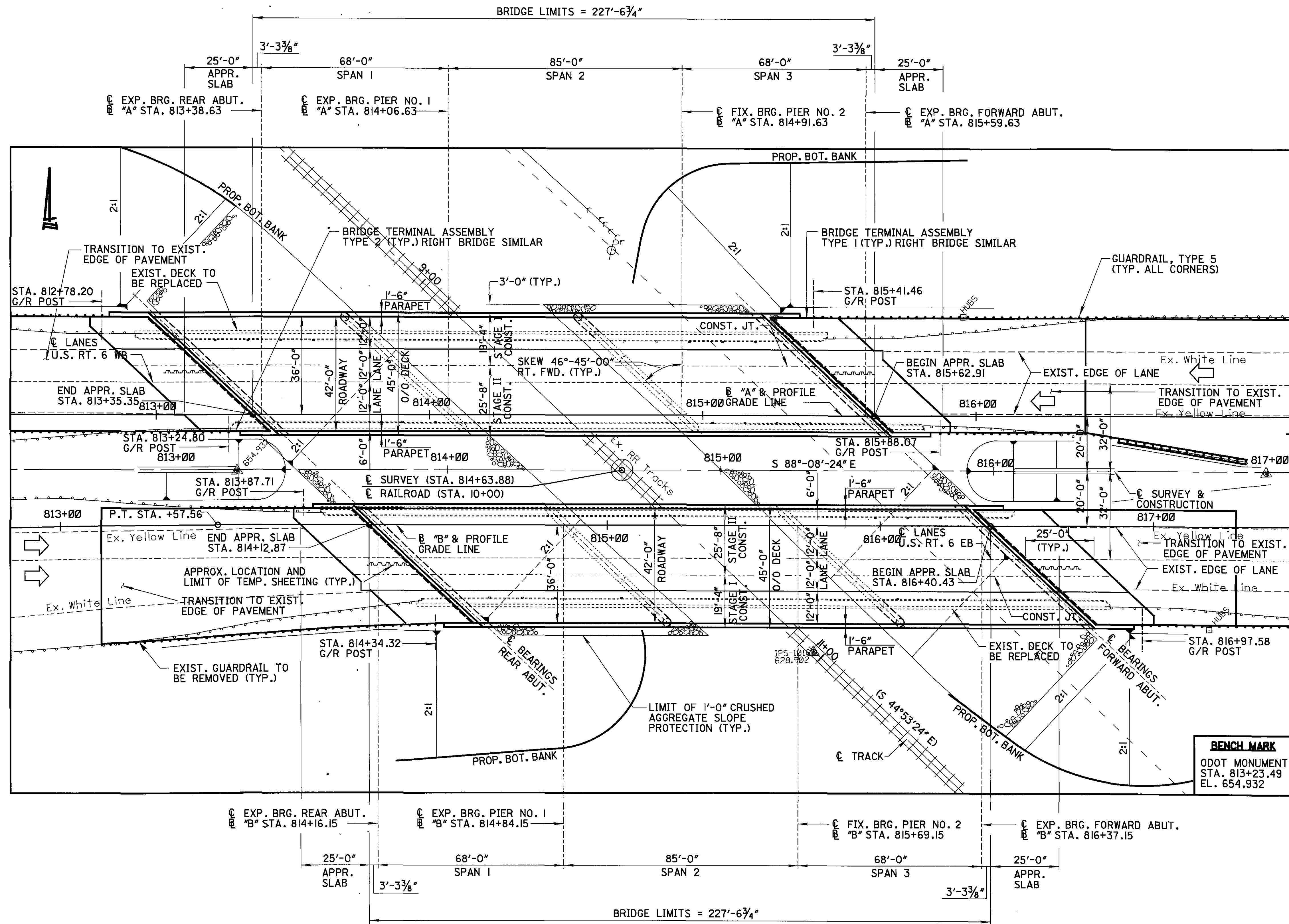




FOUNDATION DATA

EXIST. ABUTMENTS AND PIERS SHALL REMAIN AND BE INCORPORATED INTO THE FINAL CONSTRUCTION.

PROPOSED ABUTMENT AND RETURN WALLS WILL BE SIMILAR TO EXISTING. PROPOSED PIERS TO BE SUPPORTED BY STEEL PILES WITH A 50 TON CAPACITY.

EXISTING PILE CAPACITY IS 27 TON AS PER RECORD DRAWINGS.

EXISTING STRUCTURE

TYPE: 3 SPAN ASTM A36 CONTINUOUS STEEL BEAM WITH REINF. CONCRETE DECK AND SUBSTRUCTURE

SPANS: 68'-0" - 85'-0" - 68'-0" (C/C BEARINGS)

ROADWAY: 30'-0" FACE TO FACE OF SAFETY WALK

LOADING: CF 2000-51

SKEW: 46°-45'-00" RIGHT FORWARD

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: FLARED 25'-0" (AS-55)

ALIGNMENT: TANGENT

DATE BUILT: 1955

PROPOSED STRUCTURE

TYPE: 3 SPAN CONTINUOUS STEEL BEAM WITH COMPOSITE REINF. CONCRETE DECK. EXISTING REINF. CONCRETE SUBSTRUCTURES TO BE MODIFIED TO ACCOMMODATE PROPOSED WORK. NEW CONCRETE SUBSTRUCTURE TO BE CONSTRUCTED AS REQUIRED.

SPANS: 68'-0" - 85'-0" - 68'-0" (C/C BEARINGS)

ROADWAY: 42'-0" T/T PARAPETS

LOADING: HS20-44 (CASE ID), & ALTERNATE MILITARY LOADING

SKEW: 46°-45'-00" RIGHT FORWARD

WEARING SURFACE: MONOLITHIC CONCRETE

APPROACH SLABS: 25'-0" (AS-1-81)

ALIGNMENT: TANGENT

CROWN: NORMAL (3/16" PER FOOT) RIGHT BRIDGE (VARIES) LEFT BRIDGE

ADT: 26311 (2000); 38491 (2020)

ADTT: 7893 (2000); 11547 (2020)

NOTE: EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.