

NOTES

- * 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
16'-11" ACTUAL MINIMUM VERTICAL CLEARANCE
- ** 16'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
17'-0" ACTUAL MINIMUM VERTICAL CLEARANCE

DESIGN TRAFFIC

2007 ADT - 2390 2007 ADTT - 263
2027 ADT - 2530 2027 ADTT - 278

EXISTING STRUCTURE
(TO BE REHABILITATED)

TYPE: CONTINUOUS STEEL BEAMS WITH REINFORCED
CONCRETE DECK AND SUBSTRUCTURE.

SPANS: 44'-0"±, 62'-6"±, 62'-6"±, 44'-0"± C/C BRGS.

ROADWAY: 28'-0"± T/T OF CURB, 2'-3" SAFETY CURB

LOADING: CF 400 (57)

SKEW: 26°30'00"± (R.F)

WEARING SURFACE: BITUMINOUS

APPROACH SLABS: 25'-0" LONG SPECIAL DESIGN (FLARED)

ALIGNMENT: TANGENT

CROWN: $\frac{3}{16}$ " PER FOOT

DATE BUILT: 1957 CONDITION: FAIR

SFN: 7202679

PROPOSED STRUCTURE

TYPE: 4-SPAN CONTINUOUS COMPOSITE STEEL BEAMS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE UNITS WITH SEMI-INTEGRAL ABUTMENTS, CAP AND COLUMN PIERS.

SPANS: 44'-0"±, 62'-6"±, 62'-6"±, 44'-0"± C/C BRGS.

ROADWAY: 32'-0" T/T OF PARAPETS

LOADING: HS-25-44 (CASE II) AND ALTERNATE
MILITARY LOADING (SUPERSTRUCTURE)
CF 400 (57) (SUBSTRUCTURES)

SKEW: 26°30'00" (R.F)

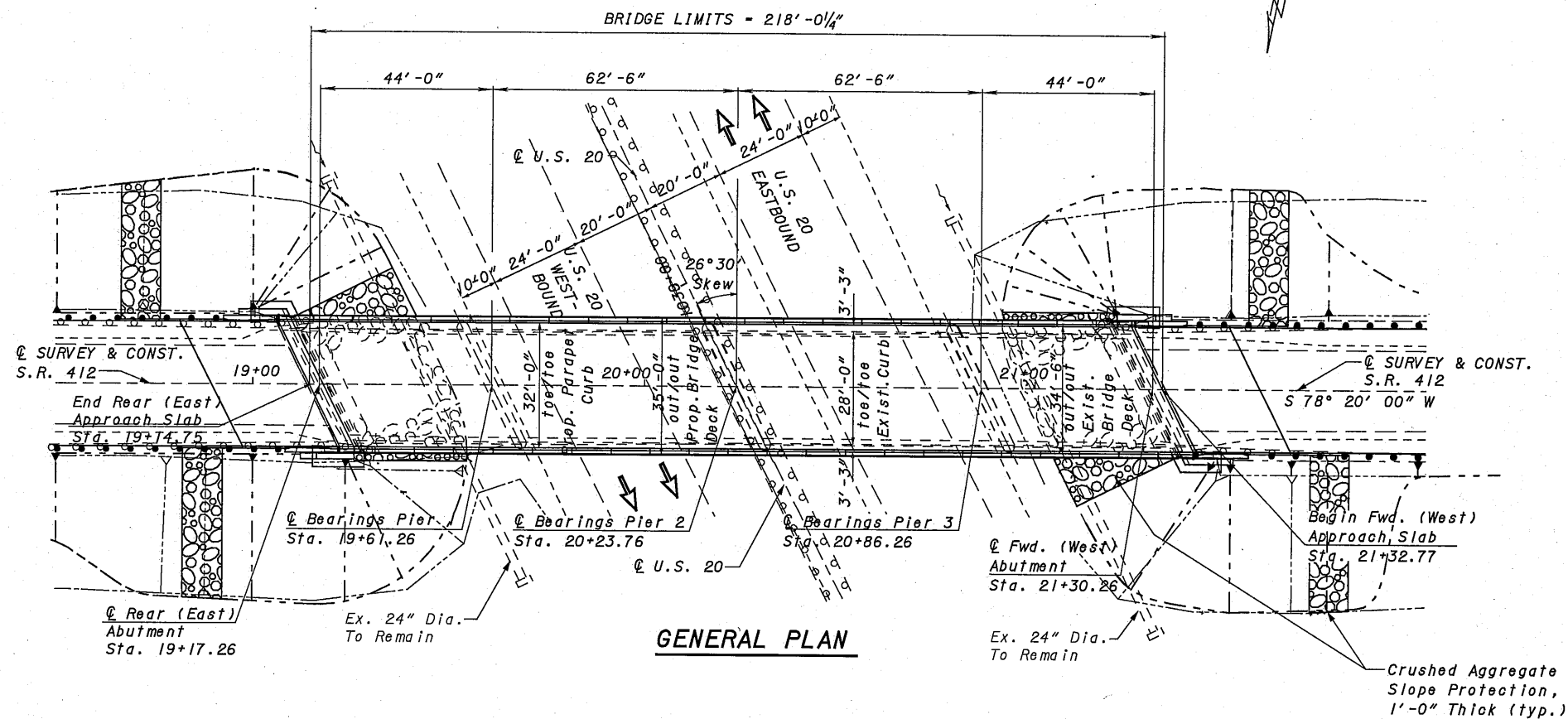
WEARING SURFACE: MONOLITHIC CONCRETE

APPROACH SLABS: 25'-0" LONG AS-1-81

ALIGNMENT: TANGENT

CROWN: $\frac{3}{16}$ " PER FOOT

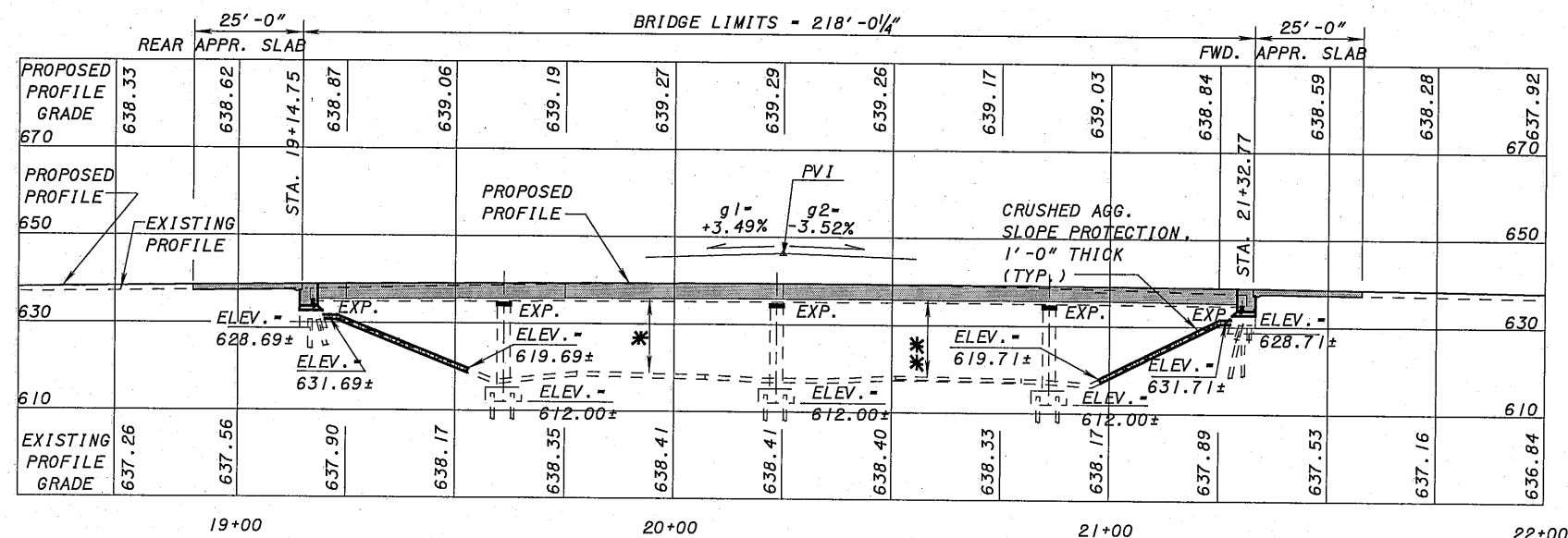
COORDINATES: LONGITUDE: 83°04'36"
LATITUDE 41°21'22"



GENERAL PLAN

VERTICAL CURVE DATA:

V.P.C. STA. 16+25.00 ELEV. 632.34
V.P.I. STA. 20+25.00 ELEV. 646.30
V.P.T. STA. 24+25.00 ELEV. 632.22
L.V.C. = 800 FEET
g1 = +3.49%
g2 = -3.52%



PROFILE ALONG @ S.R. 412

- PROPOSED BRIDGE WORK