

B.M. # S. Rim M.H. South of
Kellogg 9' West of Pattie
Elev. 1295.00

PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	KANSAS	*			

ELEVATION

159'-6" End to End of Wearing Surface (Along Profile Grade Line)

1'-3" 36'-0" 72'-0" 49'-0" 1'-3"

Crown Grade on Vertical Curve

E.M.S. Sta. 35+96.15 P.G. Elev. 1315.35

± Bring. Abut. No. 1 Sta. 35+91.40 P.G. Elev. 1315.37

± Bring. Pier No. 1 Sta. 36+53.40 P.G. Elev. 1315.91

± Bring. Pier No. 2 Sta. 37+05.40 P.G. Elev. 1316.90

± Bring. Abut. No. 2 Sta. 37+54.40 P.G. Elev. 1317.49

E.M.S. Sta. 37+55.65 P.G. Elev. 1317.50

Crown Grade on Vertical Curve

1310

Berm Elev. 1307.96

1300

1290

4'-0" Berm (Typ)

2'-0" Min. Cl.

Existing Ground

15'-7 1/4" Min. Cl.

42" San. Sewer

21" San. Sewer

Reinf. Conc. Riprap (4")

42" San. Sewer

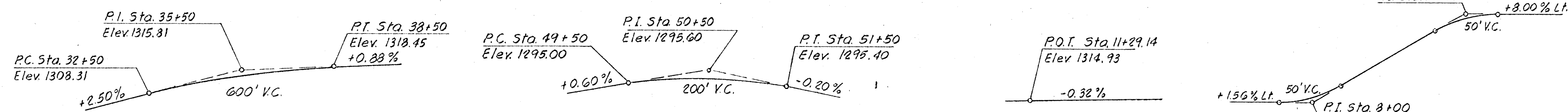
Berm Elev. 1308.49

1300

1290

ELEVATION

Shown Normal to & Hydraulic Avenue
36'-72'-49' Cont. Reinf. Conc. Box Girder Spans.
Pile Bent Abutments, Pedestal Type Piers. Skew 3°05'Rt.

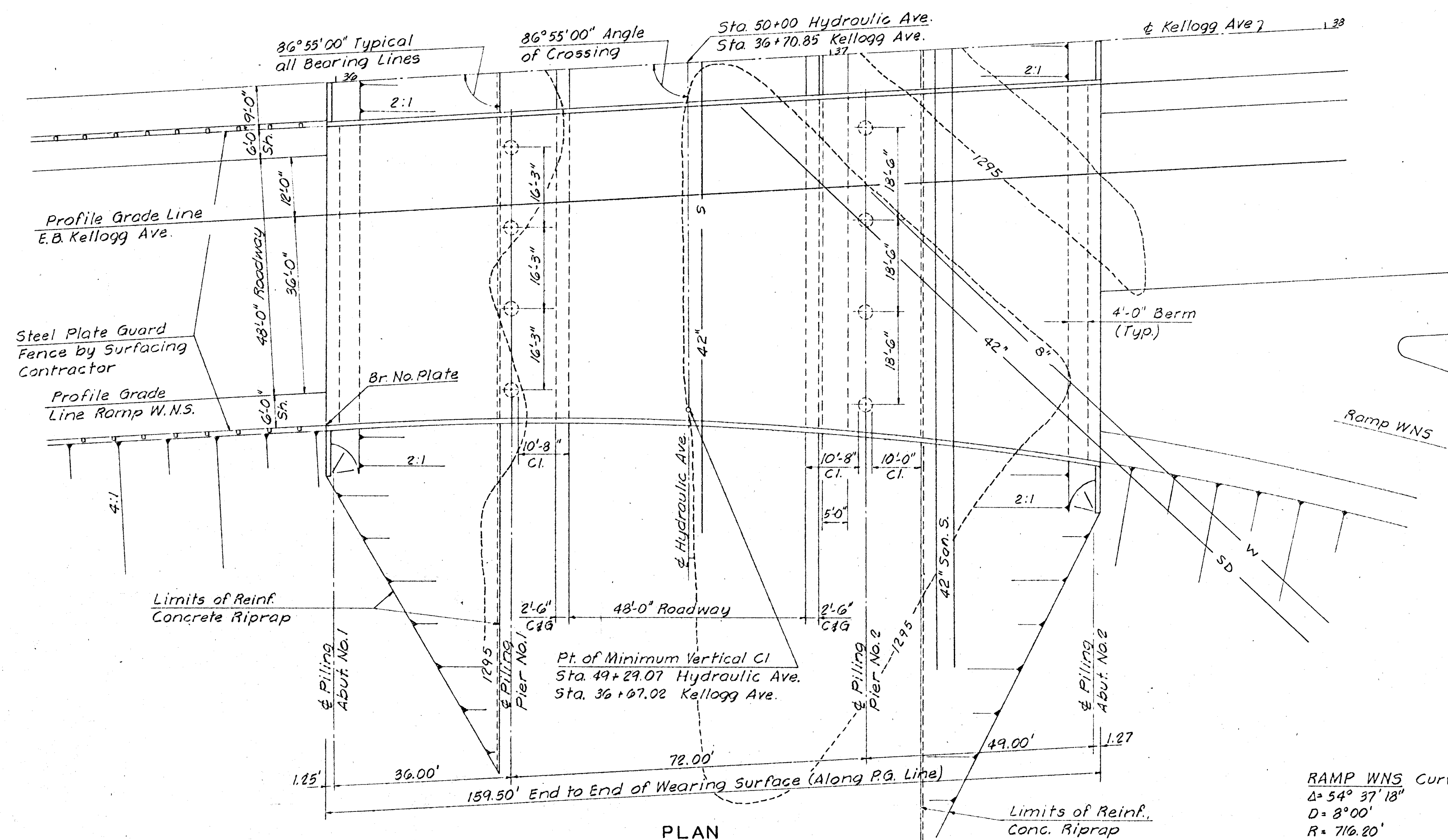


PROFILE KELLOGG AVE

PROFILE HYDRAULIC AVE.

PROFILE RAMP W.N.S.

SUPERELEVATION DIAGRAM
RAMP W.N.S.



PLAN

Scale: 1" = 15'

RAMP WNS Curve Data (Arc)
 $\Delta = 54^\circ 37' 18''$
 $D = 8^\circ 00'$
 $R = 716.20'$
 $L = 632.77'$

Design Loading HS 20-44
AASHTO Specs 1969 Ed.
d P.P.M. 20-4

3				
2				
1				
NO.	DATE	REVISIONS	BY	APP'D
STATE HIGHWAY COMMISSION OF KANSAS BRIDGE NO. 54- 87-27.14 STA. 36+75.90 CONSTRUCTION LAYOUT E. B. KELLOGG OVER HYDRAULIC AVENUE. PROJ. NO. 35W-871-35W-(33) 46 SEDGWICK CO. WILSON & COMPANY ENGINEERS & ARCHITECTS SALINA, KANSAS DESIGNED L.C.C. TRACED L.C.C. CHECKED GHN				

DEC 27 1971

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