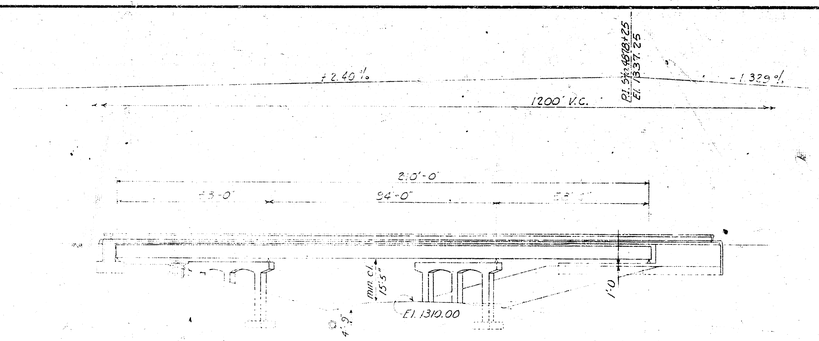
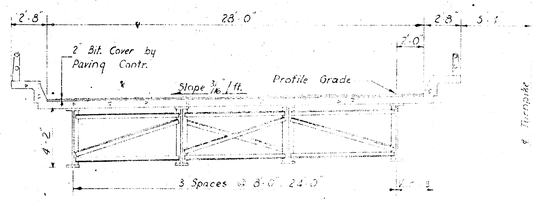
Design Loading : H-20 , S-16
Design Specs.: A.A.S.H.O. Std. Specs. for Highway Bridges, Sixth Ed., 1953
Design Stresses: Concrete f_c = 1,200 psi
Structural Steel f_s = 18,000 psi
Reinforcing Steel f_s = 20,000 psi

QUANTITIES

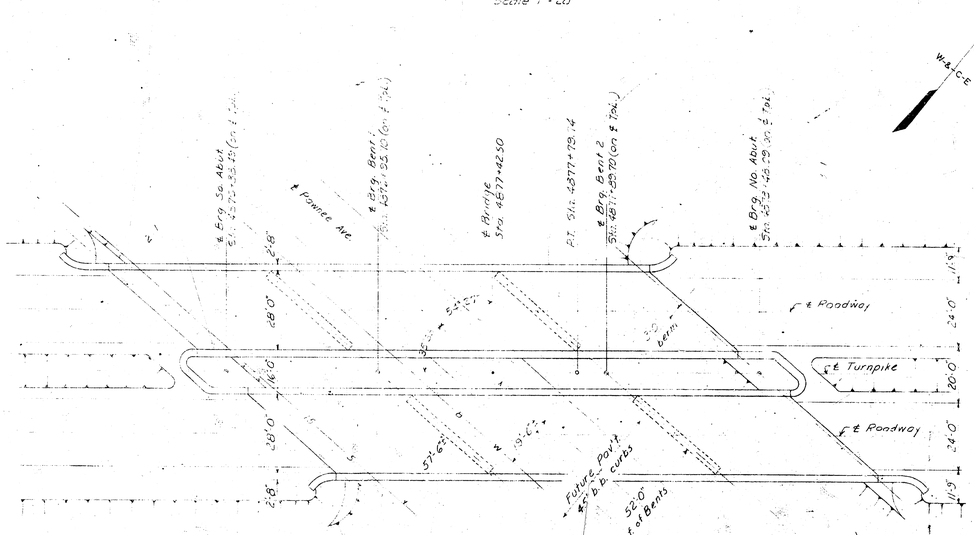
NO.	ITEM	LOCATION & REMARKS	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY



ELEVATION ON ℄ TPK.
Scale 1"=20'



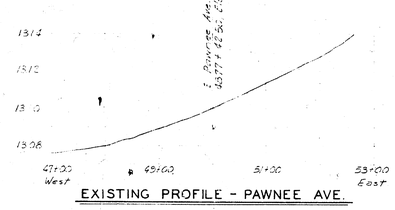
TYPICAL CROSS SECTION
Scale 4"=1'-0"



PLAN
Scale 1"=20'

Note
For detailed location information see Sheet No. GS.02.10

TURNPIKE CENTERLINE CURVE DATA
P.I. Sta. 4871+66.16
Δ = 3° 15' 15"
D = 0° 45'
T = 618.29'
L = 1,233.88'
A = 7,639.44'
E = 24.98'



EXISTING PROFILE - PAWNEE AVE.

TOTAL SUMMARY OF QUANTITIES

SPEC.*	ITEM	UNIT	SUPER. EST.	SUPER. FINAL	SUBSTR. EST.	SUBSTR. FINAL	TOTAL EST.	TOTAL FINAL
50	CLASS A CONCRETE	CU. YDS.	308	311.62	402	386.92	710	698.54
52	REINFORCING STEEL	LBS.	57,330	57,316	38,710	37,806	76,040	95,122
51	STRUCTURAL STEEL	LBS.	308,060	304,060			308,060	304,060
51	BEARING DEVICES	LBS.	7,940	8,381			7,940	8,381
124	HANDRAIL (ALUMINUM)	LIN. FT.	970	963.5			970	963.5
59	PILES (10 BP 42)	LIN. FT.			2,300	3,988.5	2,300	3,988.5
16	CLASS 1 EXCAVATION	CU. YDS.			918	1,002	918	1,002

* APPLICABLE SECT. KANSAS STATE HIGHWAY SPECS.

NO.	REVISION	BY	DATE
2	AS BUILT PLANS	E.N.S.	9/4/52

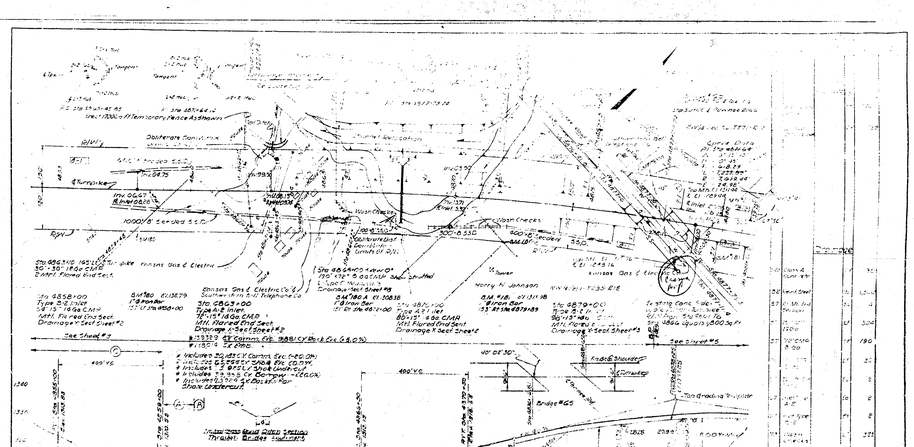
KANSAS TURNPIKE AUTHORITY
KANSAS TURNPIKE
OKLAHOMA BORDER TO KANSAS CITY

BRIDGE NO. 65
SEDGWICK COUNTY
PAWNEE AVE. TPK. STA. 4877+42.50
GENERAL PLAN & ELEVATION

WILSON & COMPANY ENGINEERS - ARCHITECTS
SECTION ENGINEER SECTION

MADE M. J. P. DATE 2-20-52 TRACED DATE
CHECKED R.D.C. DATE 3-30-52 SCALE As Shown

BRIDGES
CONTRACT NO. 2-8-8(1) SHEET 65.01.11


Detour
Turnpike
Bridge #65
Bridge #65
Bridge #65