CONTRACT NO. 66407

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	55
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. B28

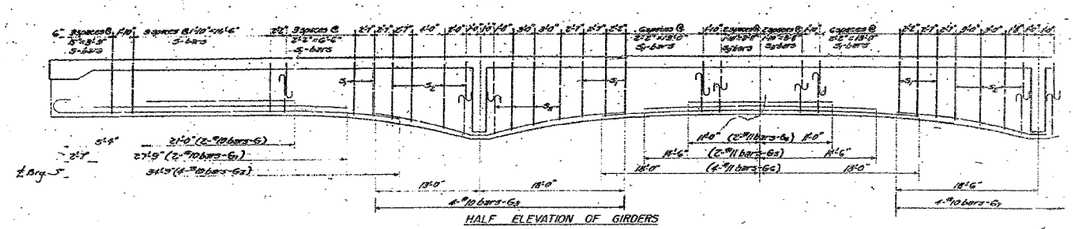
OF 35 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

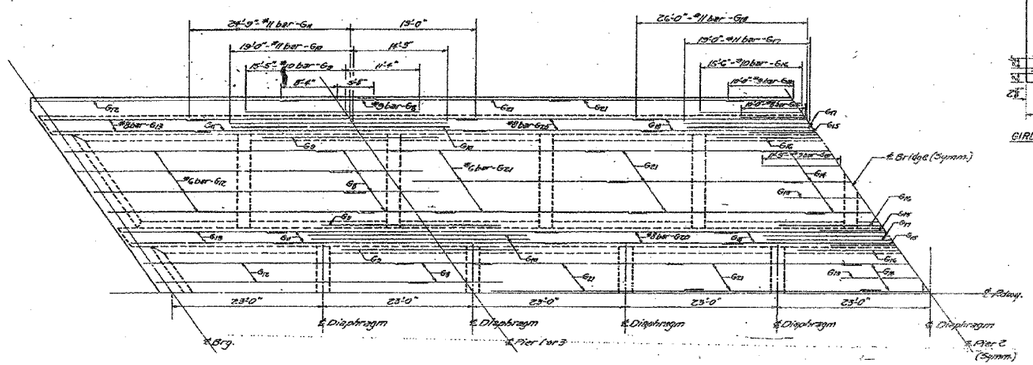
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A.I. 80 — Route No. | Section 32-3HBR-1 | County Grundy | Total Sheets 88 | Sheet No. 6 — Fed. Road Dist. No. 7 | Illinois | Fed. Aid Project

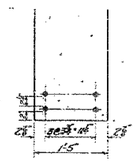
SHEET NO. 2 OF 9 SHEETS



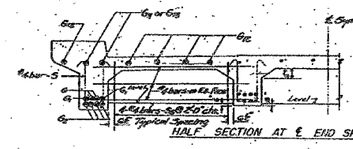
HALF ELEVATION OF GIRDERS



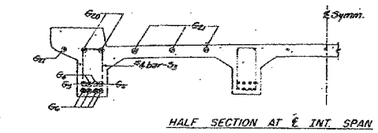
QUARTER PLAN
Showing longitudinal reinforcement in top of slab



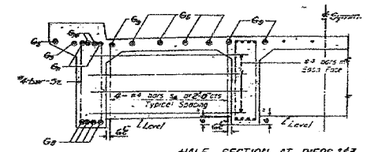
GIRDER DETAILS



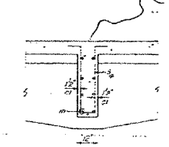
HALF SECTION AT ℄ END SPANS



HALF SECTION AT ℄ INT. SPAN



HALF SECTION AT PIERS 1 & 3

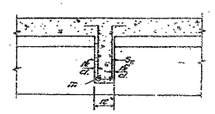


SECTION THRU DIAPHRAGM
@ PIERS 1-2 & 3

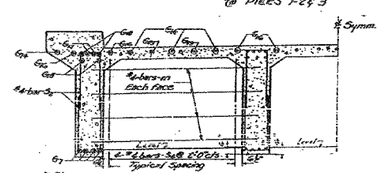
BAR LIST FOR GIRDERS

Bar	No.	Size	Length	Shape
G_1	16	#10	21'-0"	
G_2	16	#10	27'-9"	
G_3	32	#10	37'-6"	
G_3	32	#10	34'-0"	
G_4	16	#11	22'-0"	
G_5	16	#11	29'-0"	
G_6	32	#11	36'-0"	
G_7	16	#10	34'-0"	
G_8	28	#9	14'-0"	
G_9	16	#10	26'-9"	
G_{10}	16	#11	33'-3"	
G_{11}	16	#11	43'-8"	
G_{12}	28	#6	10'-6"	
G_{13}	16	#8	22'-3"	
G_{14}	11	#9	20'-0"	
G_{15}	8	#9	20'-0"	
G_{16}	8	#10	34'-0"	
G_{17}	8	#11	38'-0"	
G_{18}	8	#11	52'-0"	
G_{19}	6	#9	23'-6"	
G_{20}	16	#8	29'-0"	
S_1	44	#6	28'-3"	
m	180	#6	10'-0"	
S	112	#4	6'-5"	
S_1	356	#6	5'-11"	
S_2	192	#4	8'-5"	
S_3	40	#4	6'-3"	
S_4	36	#6	10'-10"	
S_5	72	#6	5'-0"	
Reinforcement Bars				1,165.5 LBS.

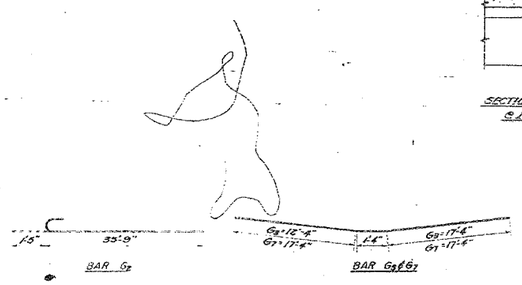
GIRDER DETAILS
BRIDGE OVER F.A.I. RT. 6
F.A.I. RT. 6 SEC. 32-3HB-1
GRUNDY COUNTY
STA. 1266+24.59 (F.A.I. RT. 6)



SECTION THRU DIAPHRAGM
@ INTERIOR SPANS



HALF SECTION @ PIER #2



BAR G_2 — BAR G_3 & G_7 — BAR S — BARS S_1 & S_4 & S_5 — BAR S_2 & S_3

Designed T. Tamba — Nov. 14, 1957
Checked
Drawn
Checked
Checked R.D.

FOR INFORMATIONAL USE ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING PLANS

F.A.I. 80 (I-80)
F.A.U. 5974 (ASHLEY ROAD) OVER I-80
SECTION 32-3HBR-1
GRUNDY COUNTY
STATION 110+00.00 STRUCTURE NO. 032-0113

DESIGNED BY: JML — DRAWN BY: DJM
DATE: 09/09/05 — CHECKED BY: MSW

FARNSWORTH GROUP, INC.
CONSULTING ENGINEERS - 2709 MCGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / (309) 663-1571 FAX

24-7358