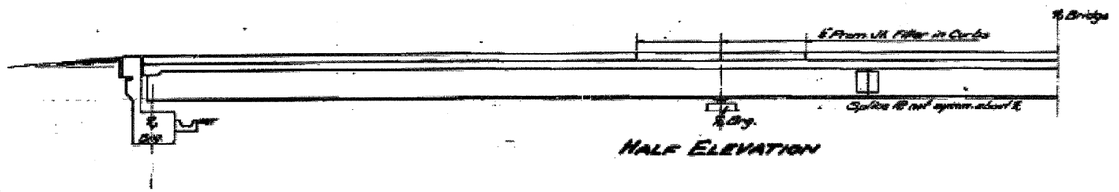
CONTRACT NO. 66731

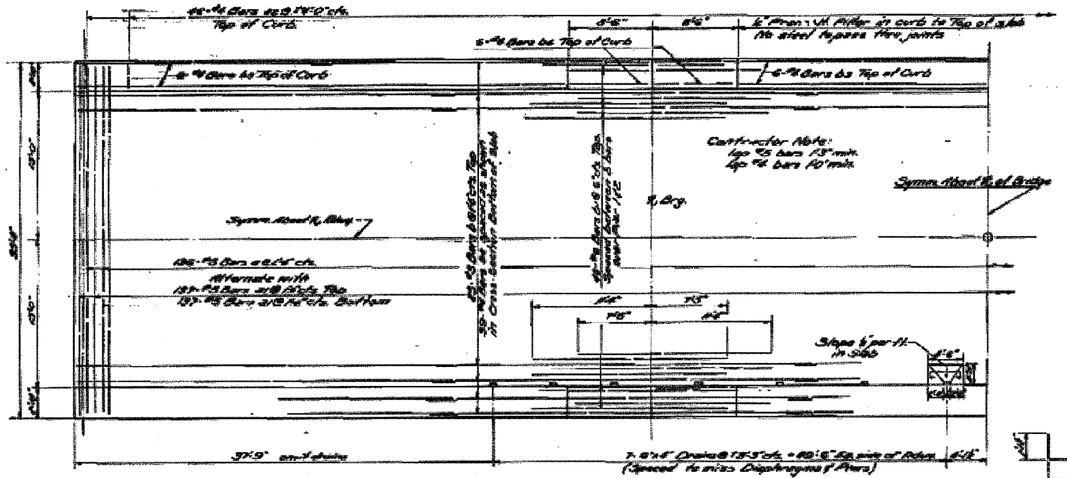
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUR & LAS	219	146
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* (06-14 & 50-8)RS-1 (14B,B-1,VB,VB-1,VB-2,VB-3)BR

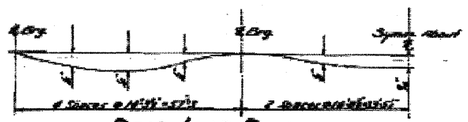
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



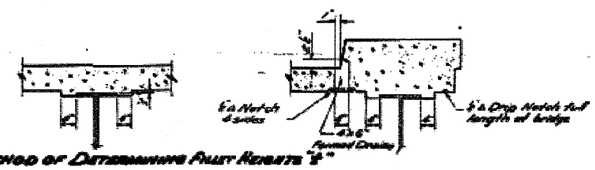
HALF ELEVATION



HALF PLAN



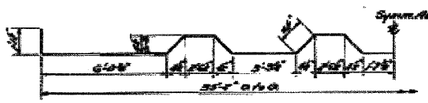
DEAD LOAD DEFLECTION



METHOD OF DETERMINING FILLET HEIGHTS "F"

After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at intervals not to exceed 10 ft. From these elevations subtract the increment of deflection for these points, determined from the D.L. deflection diagram. The elevations so obtained subtracted from the theoretical grade elevations, minus floor thickness, equal the fillet heights above top of beam.

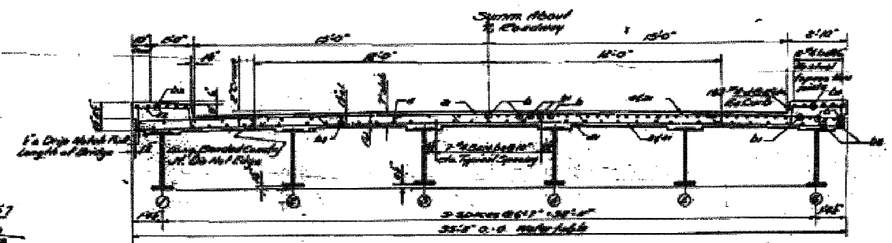
FILLET AND FLOOR DRAIN DETAILS



BAR - a

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	28	#9	39'-9"	Invitrons
c	174	#5	33'-0"	——
ca	92	#4	8'-6"	——
b	123	#5	27'-0"	——
bc	246	#5	8'-9"	——
ba	238	#4	28'-9"	——
bb	32	#4	23'-6"	——
ba	48	#4	8'-5"	——
d	366	#4	7'-1"	——
Class A Concrete			Cu. Yds. 174.0	
Reinforcement Bars			Lbs. 29,320	
Structural Steel			Lbs. 1,374 Fbm	



CROSS SECTION @ ℄ of SPAN — CROSS SECTION @ PIERS

TYPICAL CROSS SECTION

DESIGNED	Lumir Olejar
CHECKED	Henry Chapla
DRAWN	E.R.Roth
CHECKED	Henry Chapla

APPROVED April 9 1957
V. M. Rostoni
E. P. Shurtz
E. E. Hunter

SUPERSTRUCTURE
SPRING CREEK BRIDGE
F.A.I. Rte. 6 Sec. 6-1 & 1-1 Br.
BUREAU COUNTY
STATION 400+20

FOR INFORMATION ONLY

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
SN 006-0033 (WBL)

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = Aug 27, 2008 - 01:45:08 PM
FILE NAME = c:\projects\projects\wenzelko\dms32861\detail.dgn
PLOT SCALE = 0.000000
USER NAME = wenzelko