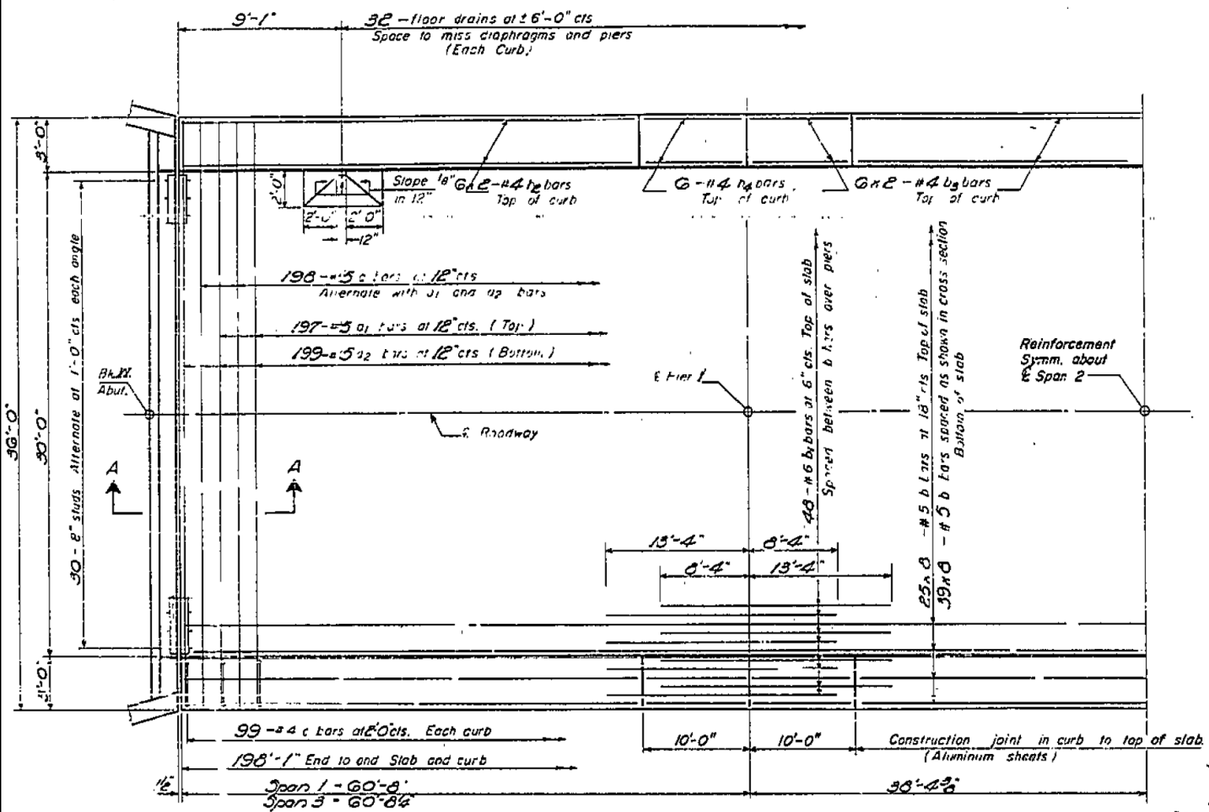
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

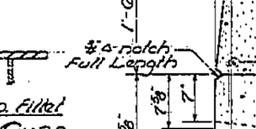
ROUTE NO.	SECTION		CITY	TOTAL SHEETS	SHEET NO.
F.A.S. 70	26-3B-1(2)		FAYETTE	35	6
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

SHEET NO 2
30 SHEETS

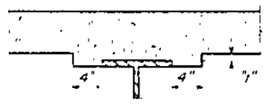
Note.
Bars indicated thus 20 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
Min bar lap = 20 dia.



HALF PLAN

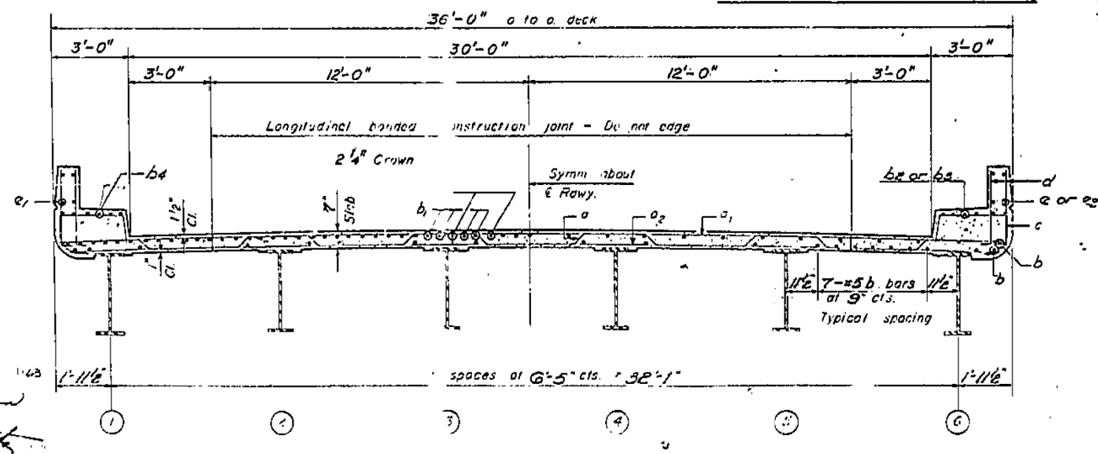


CHAMFER DETAIL AT CURB



STANDARD FILLET DETAIL

To determine "f" At the time structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 21. These elevations subtracted from the "Grade Elevations Adjusted for Dead Load Deflections" shown on sheet 26, minus slab thickness, equals the fillet heights "f" above top of beams.



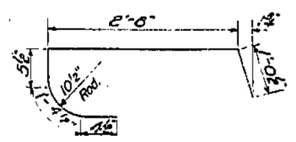
NEAR PIERS — NEAR MIDSPAN

CROSS SECTION

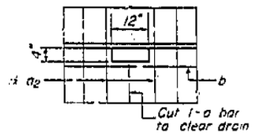
Note C:
7/16" holes at 12" cts. for ⅞" bolts set on 2'2" gage line. All bolts shall be burned, sawed or clipped all flush with back of angles after forms are removed.

Note A:
¾" ∅ x 8" CR. 1020 STL granular or solid flux filled headed studs, automatically end welded. (Alternate at 1'-0" cts.)

Note B:
7/16" vent holes at 12" cts. set on ½" gage line

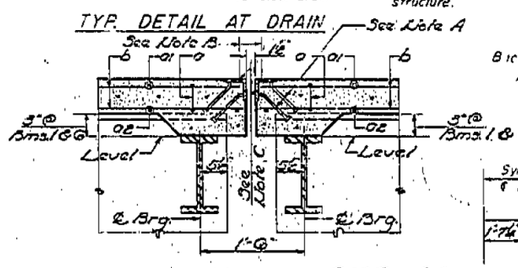


BAR c

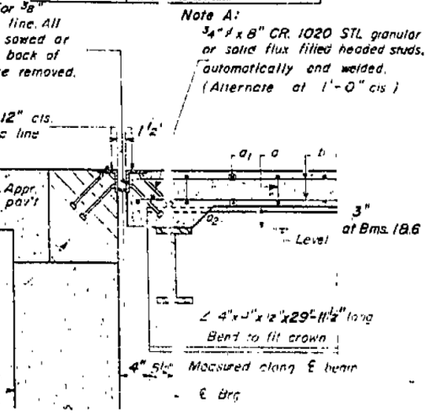


TYP. DETAIL AT DRAIN

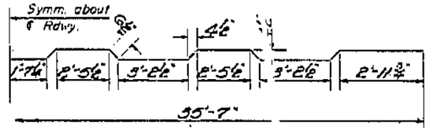
Hatched area to be poured after superstructure forms have been removed. Quantity of Class X Concrete included with superstructure.



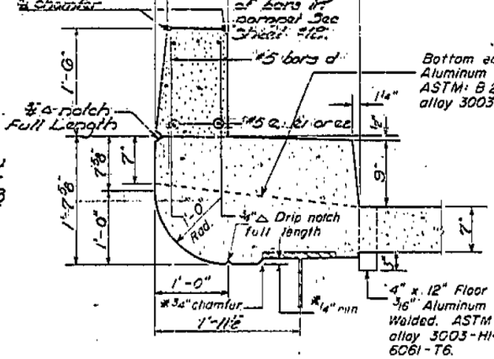
SECTION AT PIER 3



SECTION A-A

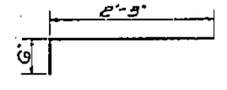


BAR a



CURB DETAIL

Cost of aluminum sheets shall be incidental to Class X Concrete.
*See Chamfer Detail



BAR d

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	198	#5	37'-3"	
a1	197	#5	35'-6"	
a2	199	#5	35'-0"	
b	312	#5	26'-0"	
b1	96	#6	21'-6"	
b2	48	#4	25'-9"	
b3	24	#4	20'-9"	
b4	98	#4	3'-9"	
d	876	#5	2'-9"	
e	198	#4	5'-11"	
e2	48	#5	16'-7"	
e1	42	#5	9'-9"	
e2	34	#5	10'-7"	
Reinforcement Bars			Lbs.	45,780
* Structural Steel			Lbs.	20,970
Class X Concrete			Cu Yds.	219.6

Weight of bearing assemblies with lead plates and anchor bolts are included as structural steel.
Est. Weight = 6,354 #

SUPERSTRUCTURE
BEAM SPANS 1 2 & 3
F.A.I. RT. 70 ~ SEC. 26-3B-1(2)
FAYETTE COUNTY
STA. 544 + 27

DESIGNED R.X.T. — J.W.H. — R.X.T. — G.H.H.
DRAWN H.E.B.
CHECKED E.L.H.
QUANTITIES O.E.P.
JUNE 6 1963

I-5-0 7-2-62 Rev 11-9-62

PRINT DRIVER = LPD.E.B.Bd/L
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PLOT DATE = 1/29/2014 2:07:04 PM	DATE - 08/13	REVISED -	

ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE NO. 026-0018 EXISTING BRIDGE PLANS
WB – FOR INFORMATION ONLY

SCALE: | SHEET NO. 2 OF 28 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-3B-1, 3B-1(3))BR	FAYETTE	277	195
		CONTRACT NO. 74175		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		