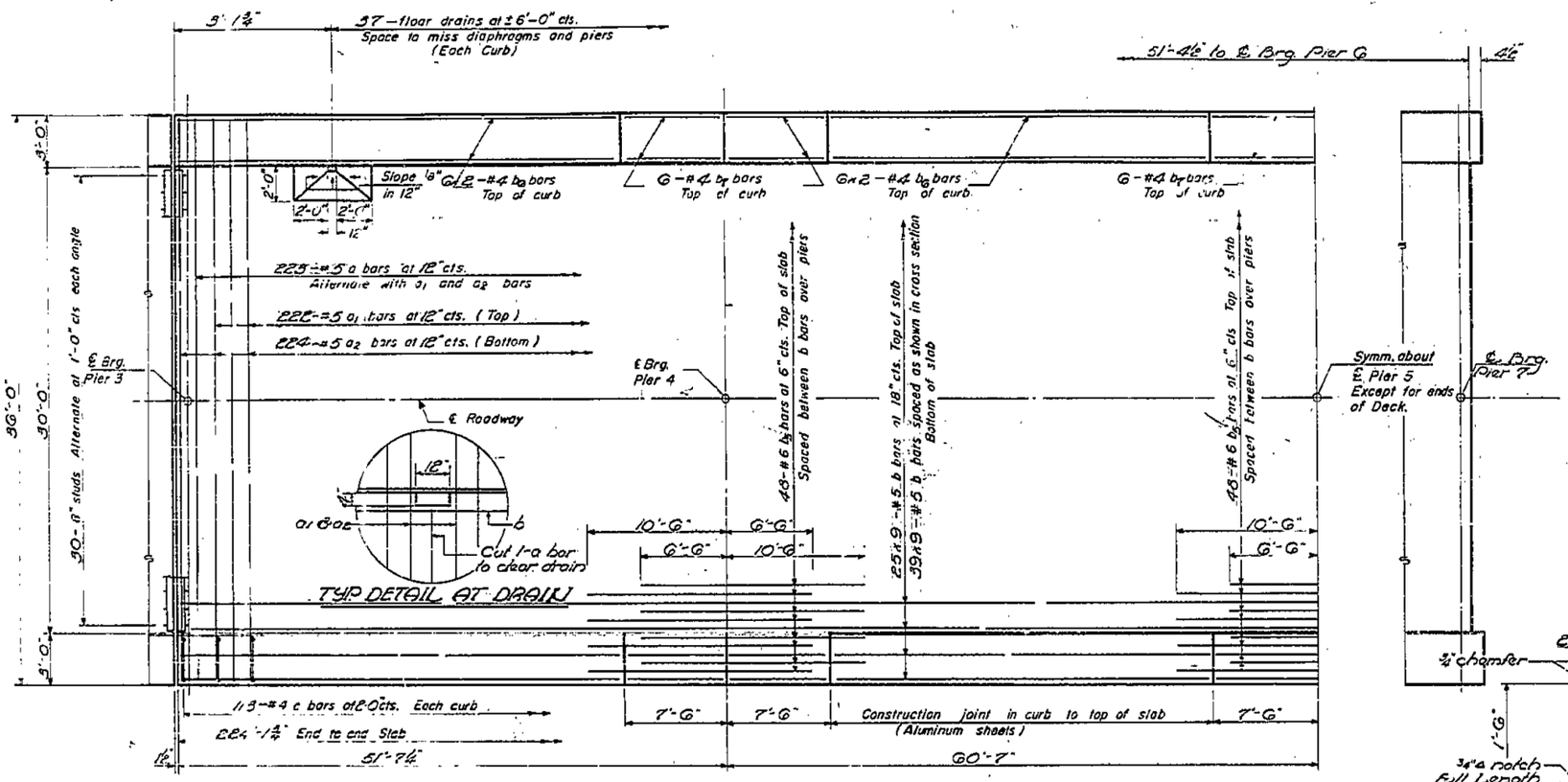
Note:
Bars indicated thus 20 x 3 - r 5 etc. indicate 20 lines of bars with 3 lengths per line.
Min bar laps = 20 dia.

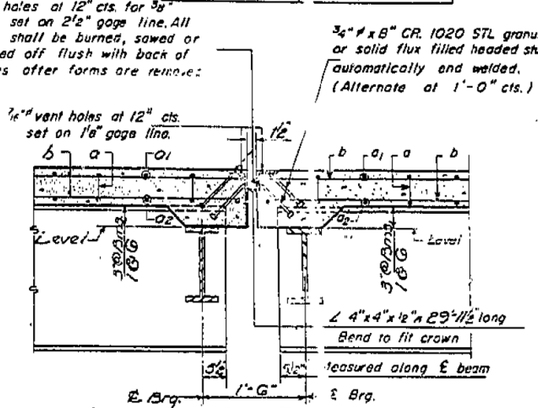
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI RTE. 70	26-3B-1(2)	FAYE	36	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

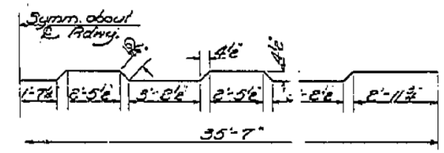
SHEET NO. 4
30 SHEETS



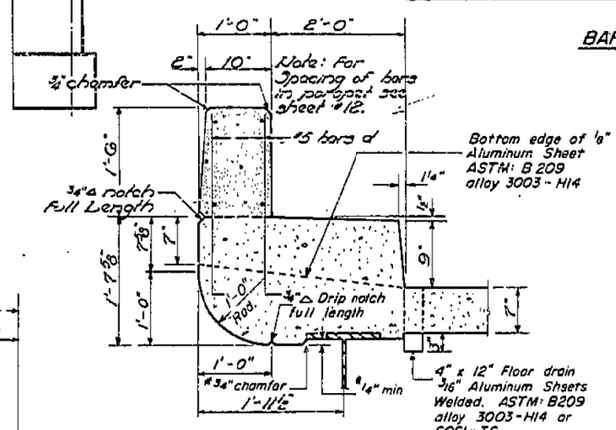
HALF PLAN



SECTION AT PIER 3



BAR a



CURB DETAIL

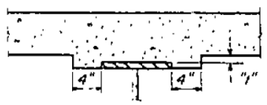
Cost of aluminum sheets and drains shall be incidental to Class X Concrete

* See Chamfer Detail Sheet #12.

BILL OF MATERIAL

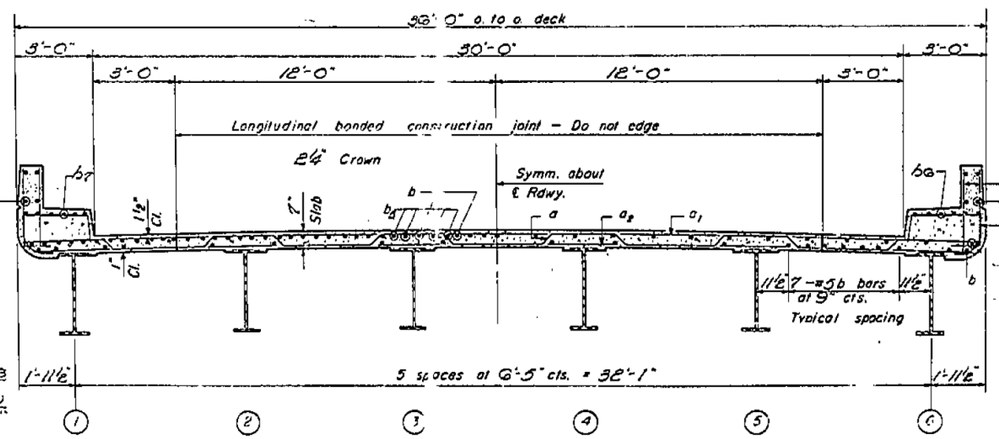
Bar	No.	Size	Length	Shape
a	223	#5	37'-3"	
a1	222	#5	35'-6"	
a2	224	#5	35'-0"	
b	176	#5	26'-0"	
b5	4	#6	17'-0"	
b6	2	#4	25'-3"	
b7	2	#4	7'-3"	
d	996	#5	2'-9"	
c	226	#4	3'-11"	
e3	9	#5	14'-5"	
e4	9	#5	7'-9"	
e5	9	#5	14'-11"	
Reinforcement Bars			Lbs.	8410
* Structural Steel			Lbs.	203980
Class X Concrete			Cu. Yds.	846.6

* Weight of bearing assemblies with lead plates and anchor bolts are included as structural steel. Est. Weight = 4296#

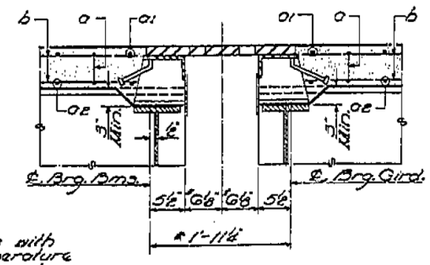


STANDARD FILLET DETAIL

To determine "I" After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 27. These elevations subtracted from the "Grade Elevations Adjusted for Dead Load Deflections" shown on sheet 27, minus slab thickness, equals the fillet heights "I" above top of beams.



CROSS SECTION



* Varies with Temperature Dimensions shown are at 50°F.

SECTION AT PIER 7

SUPERSTRUCTURE
BEAM SPANS 4 5 6 & 7
F.A.I. RT. 70 - SEC. 26-3B-1(2)
FAYETTE COUNTY
STA. 544 + 27

DESIGNED	R. K. Taylor
CHECKED	G. H. Hayenga
DRAWN	R.K.T. M.L. Jacobs B.L. Beemer
CHECKED	G.H.H.

EXAMINED: M. E. Bauermeister — JUNE 6 1963
PASSED: E. E. Blank
APPROVED: V. C. Alvine

I-6-0 7-2-63 Rev. 11-9-62

USER NAME = has	DESIGNED - ELH	REVISED -	
ESCA PROJECT NO. 1000.05	DRAWN - HAS	REVISED -	
PLOT SCALE = 0.1667 ' / IN.	CHECKED - RDP	REVISED -	
PLOT DATE = 1/29/2014 2:07:20 PM	DATE - 08/13	REVISED -	

ESCA CONSULTANTS, INC.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: | SHEET NO. 4 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	197
		CONTRACT NO. 74175		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PRINT DRIVER = LPD.E.B.Bolt
PEN TABLE = DOT_VERBOSE.TBL
PLOT SCALE = 0.1667 ' / IN.
FILE NAME = c:\374179-structure\04.dgn