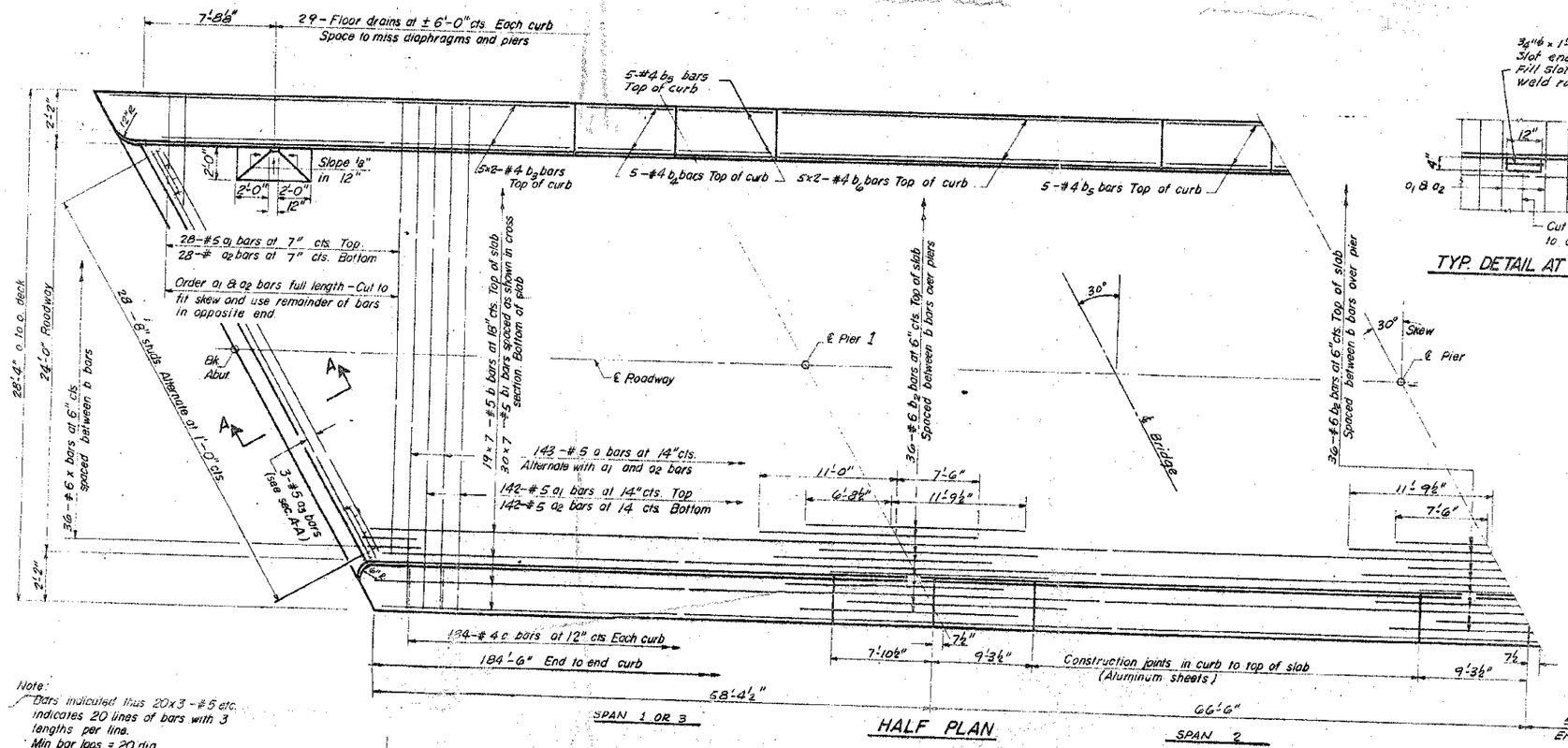
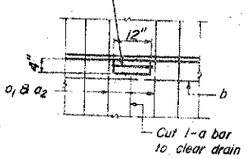
TOTAL SHEETS	SHEET NO
18	14

CONTRACT 87467

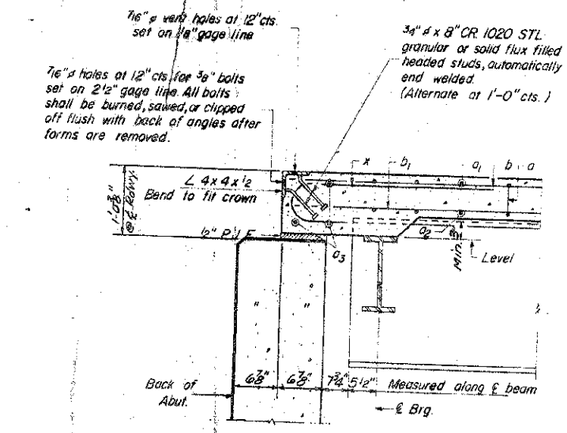


HALF PLAN

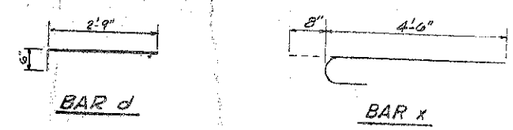
Note:
Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
Min bar laps = 20 dia.



TYP. DETAIL AT DRAIN

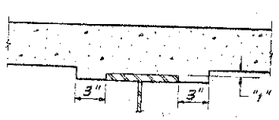


SECTION A-A



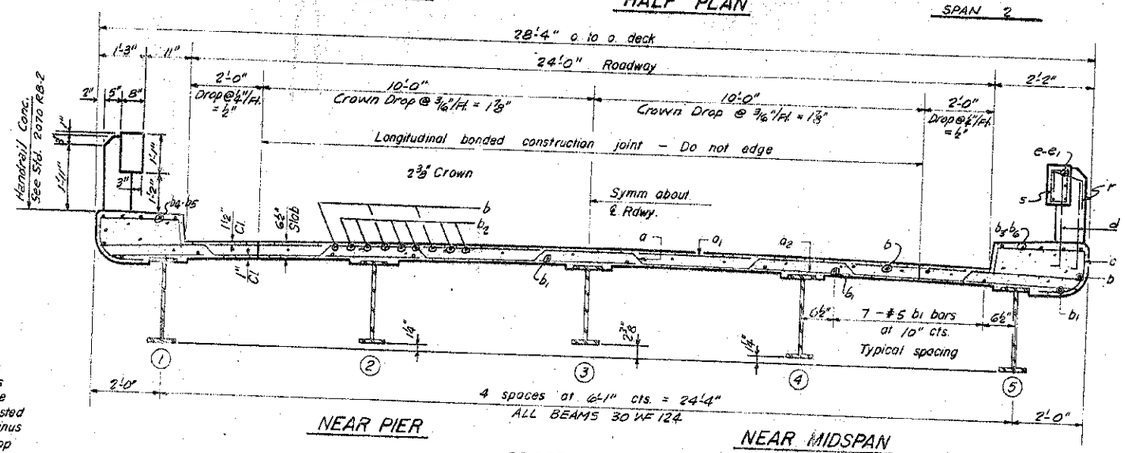
BAR d

BAR x



STANDARD FILLET DETAIL

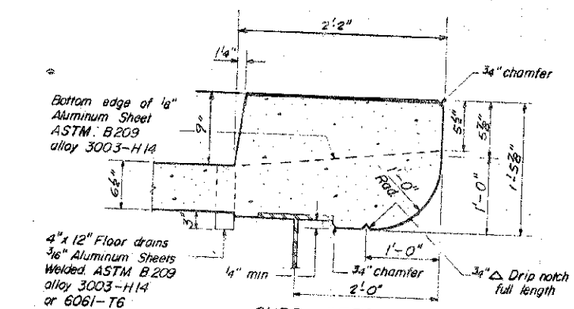
To determine "y". After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 3. These elevations subtracted from the "Grade Elevations Adjusted for Dead Load Deflections" shown on sheet 3, minus slab thickness, equals the fillet heights "y" above top of beams.



NEAR PIER

NEAR MIDSPAN

CROSS SECTION



CURB DETAIL

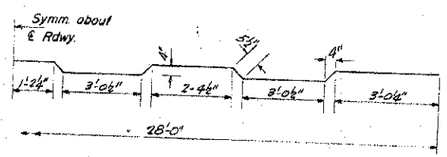
Cost of Aluminum Drains and Sheets shall be incidental to Class X Concrete.

BILL OF MATERIAL

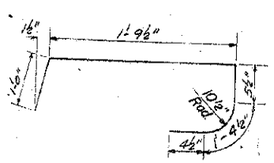
Bar	No	Size	Length	Shape
a	143	#5	29'-0"	
a1	170	#5	27'-10"	
a2	170	#5	27'-3"	
a3	6	#5	32'-6"	
d	284	#8	3'-3"	
b	133	#5	27'-1"	
b1	210	#5	27'-1"	
b2	72	#6	18'-6"	
b3	40	#4	26'-6"	
b4	20	#4	7'-6"	
b5	20	#4	9'-0"	
b6	20	#4	24'-0"	
c	24	#8	[illegible]	
e1	46	#8	22'-9"	
c	368	#4	5'-0"	
r	112	#4	3'-[illegible]	
x	72	#3	[illegible]	
s	193	#3	3'-5"	
Reinforcement Bars			Lbs	38530
Structural Steel			Lbs.	136080
Class X Concrete			Cu. Yd	134.1
Handrail Concrete			Cu. Yd.	13.3

Weight of bearing assemblies with load plates and anchor bolts are included as structural steel.
Each = 5056 #

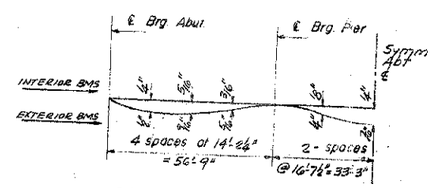
For reinf. details for handrail, see Std. 2070 RB-2.



BAR a



BAR c



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only)
Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheet

DESIGNED	
CHECKED	
DRAWN	
CHECKED	

19
EXAMINED
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED
APPROVED
ENGINEER OF DESIGN
CHIEF HIGHWAY ENGINEER

I-5-R (>15°) 10-10-62

EXISTING BRIDGE PLANS FOR INFORMATION ONLY

SUPERSTRUCTURE
PROJECT NO. 3
KINGSTON-SYCAMORE ROAD DISTS.
DEKALB COUNTY

FILE NO. 1847-45

SHEET No. 5 OF 14 SHEETS