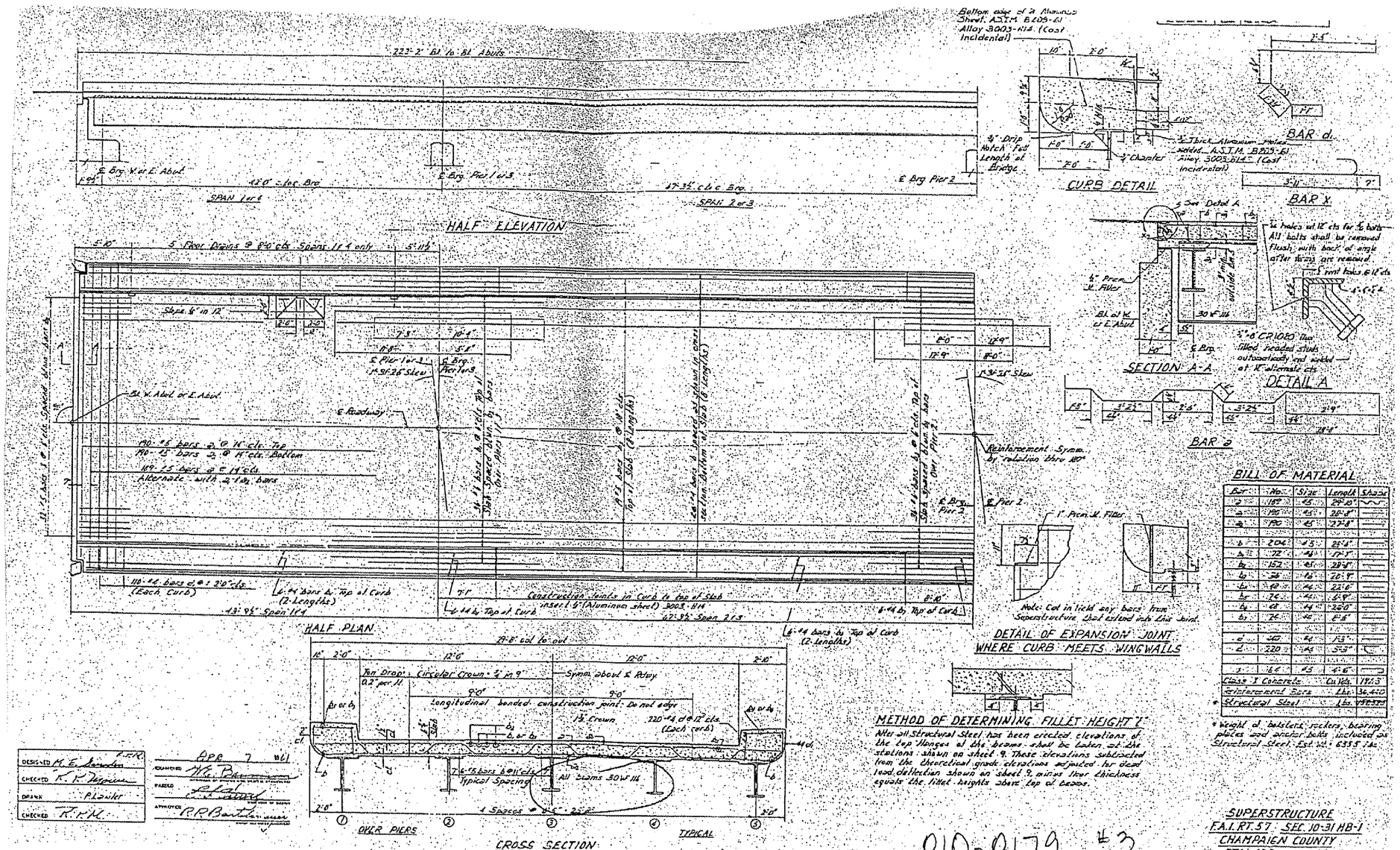
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	18	16

*(10-30HB-2) & (10-31HB)P

CONTRACT NO. 70482



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	159	#5	29'-10"	
a	190	#5	28'-8"	
a	190	#5	27'-8"	
b	204	#5	25'-6"	
b1	72	#6	17'-7"	
b2	152	#5	28'-8"	
b3	36	#6	20'-9"	
b4	48	#4	22'-0"	
b5	24	#4	6'-9"	
b6	48	#4	26'-0"	
b7	24	#4	8'-6"	
d	440	#4	1'-3"	
d	220	#4	5'-3"	
x	64	#5	4'-6"	
Class X Concrete			Cu. Yds.	191.5
Reinforcement Bars			Lbs.	36,440
* Structural Steel			Lbs.	150,320

* Weight of bolsters, rockers, bearing plates and anchor bolts included as Structural Steel. Est. Wt. = 6355 lbs.

METHOD OF DETERMINING FILLET HEIGHT "l"

After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at the stations shown on sheet 9. These elevations subtracted from the theoretical grade elevations adjusted for dead load deflection shown on sheet 9, minus floor thickness equals the fillet heights above top of beams.

DESIGNED	M. E. Gordon
CHECKED	K. K. Mayer
DRAWN	P. Lawler
CHECKED	R. K. M.
APR 7 1961	
ENGINEER	W. E. Baumann
PASSED	[illegible]
APPROVED	R. R. Bartelsmeier

SUPERSTRUCTURE
F.A.I. RT. 57 SEC. 10-31 HB-1
CHAMPAIGN COUNTY
STA. 423 + 60.46

010-0179 #3

2 OF 4

FOR INFORMATION ONLY

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