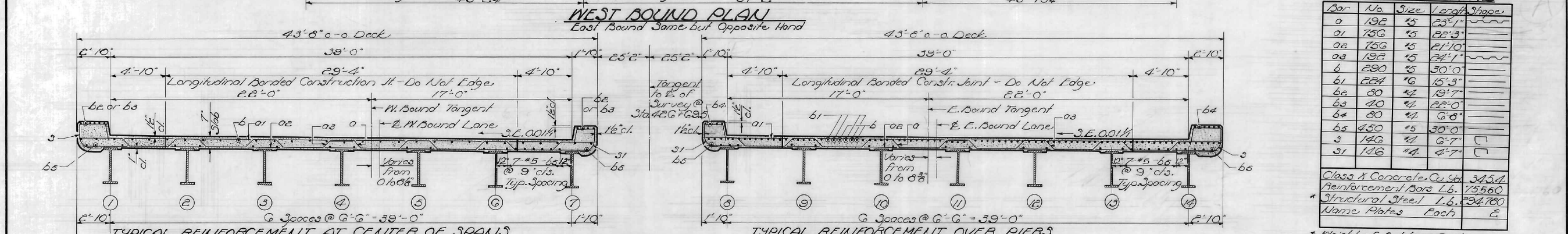
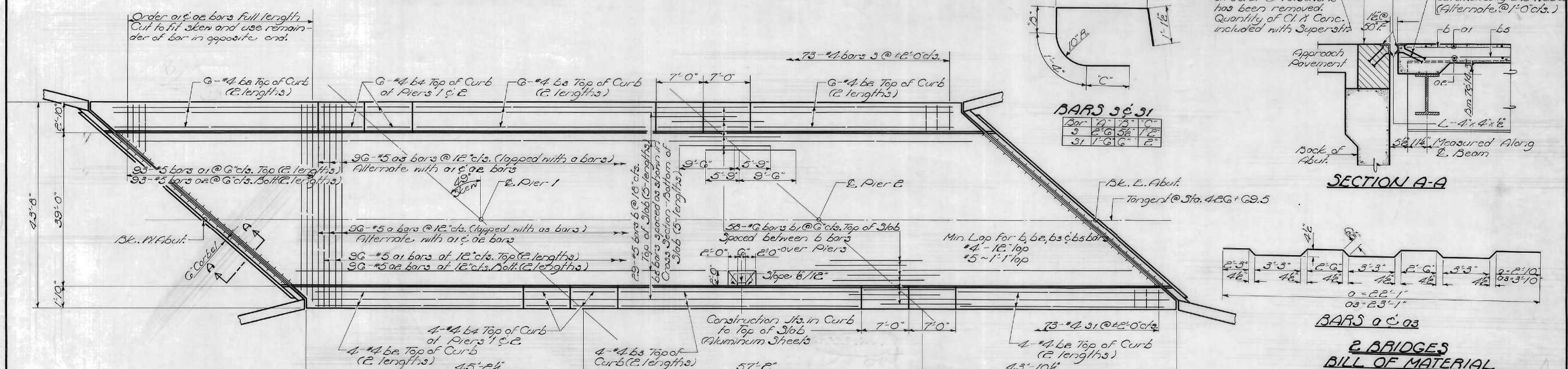
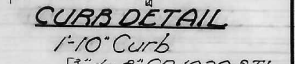
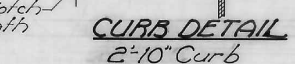
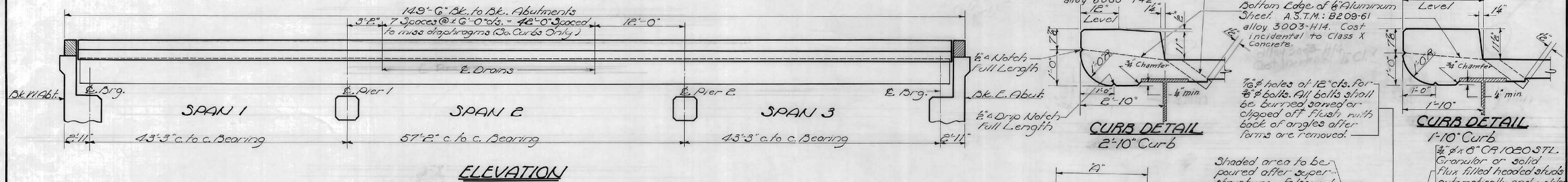


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. G
1-80	06-2B	Bureau	145	5A	13 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			



B. BRIDGES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	192	#5	23'-1"	
a1	756	#5	22'-3"	
ae	156	#5	21'-10"	
as	192	#5	24'-1"	
b	290	#5	30'-0"	
b1	224	#6	15'-3"	
ba	80	#4	19'-7"	
bs	40	#4	22'-0"	
b4	80	#4	6'-8"	
bs	450	#5	30'-0"	
s	146	#1	6'-7"	
s1	146	#4	4'-7"	

Class X Concrete - Cu. Yds. 345.4
Reinforcement Bars Lb. 75,560
Structural Steel Lb. 234,780
Name Plates Each 2

* Weight of Bolsters, Rockers, Bearing Plates, Load Plates and Anchor Bolts included as Structural Steel. Est. Weight = 14,150.*

DESIGNED *R.X. Taylor*
CHECKED *C.W. Slick*
DRAWN *R.X.T. n.l.jacobson*
CHECKED *C.W. S.*

EXAMINED *H.E. Bauman*
PASSED
APPROVED
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
ENGINEER OF DESIGN
CHIEF HIGHWAY ENGINEER

CROSS SECTION
Of Bridges Looking East

METHOD OF DETERMINING FILLET HEIGHTS 7"
After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at the stations shown on Sheets 3 & 4. These elevations subtracted from the Theoretical Grade Elevations Adjusted for Dead Load Deflection shown on Sheets 3 & 4 minus floor thickness equals the fillet heights above top of beams.

Rev. 2-8-62-W.L.P. Changed b5 Bar to #5
Changed Reinf Bars to 75,560.*
Rev. 1-24-63 W.L.P.
Removed P Sec.