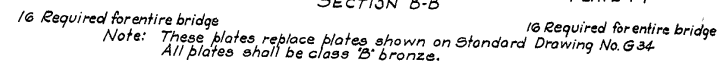


For details of 4'-45'-0" Deck Girders see Standard Drawing No. 34
For details of Piers 1, 2, & 3 see Standard Drawing No. A 17
For details of 2'-25'-0" Spill Thru Abutments see sheet 2 of 2 this drawing
For details of Handrail see Standard Drawing No. M 8

FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



4-45'-0" DECK GIRDER SPANS (20'-0" ROADWAY)



DETAILS OF EXPANSION PLATES

SPECIFICATIONS - State Highway Department Kentucky 1930

CONCRETE - Class "A" concrete to be used thruout except in Handrail & Posts.
Class "D" concrete to be used in Handrail & Posts.

REINFORCEMENT - Dimension shown from face of concrete to steel is the clear distance. Precast mortar or concrete blocks supporting reinforcement shall be spaced not farther apart than 50 diameters of the supported bar.

WEARING SURFACE - ¾" monolithic concrete wearing surface shall be used and placed in accordance with 1932 Specifications.

GENERAL NOTE - General notes called for on Standard Drawings shall be disregarded only in those portions which do not conform with 1932 specifications.

BEVELED EDGES - All exposed corners must be beveled ¾" unless otherwise shown on plans.

ESTIMATE OF QUANTITIES	
CONCRETE, CLASS "A"	444.7 CU. YDS.
CONCRETE, CLASS "D"	10.9 CU. YDS.
REINFORCEMENT	82,360 LBS.
EXPANSION PLATES (CLASS "B" BRONZE)	1744 LBS.
EXCAVATION, DRY COMMON	530 CU. YDS.
EXCAVATION, WET COMMON	250 CU. YDS.
86' STEEL SPAN TO BE REMOVED (See Road Plans)	

G-34
A-17
M-8

BRIDGE OVER RED RIVER SHEET 1 OF 2

COMMONWEALTH OF KENTUCKY

STATE HIGHWAY DEPARTMENT
FRANKFORT
COUNTY OF

WOLFE-MORGAN

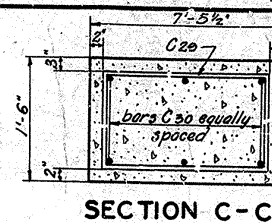
HAZEL GREEN — CANNEL CITY

STATION 271+45

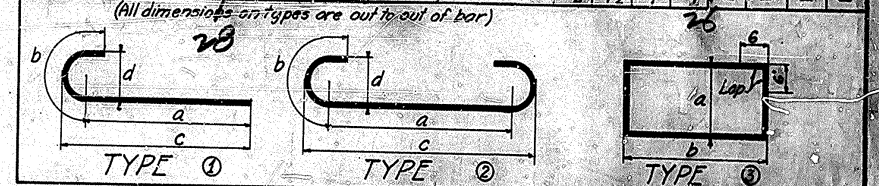
PROJECT NO.

119-23-2

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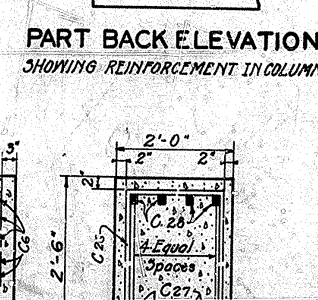
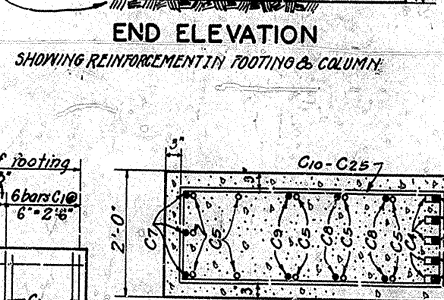
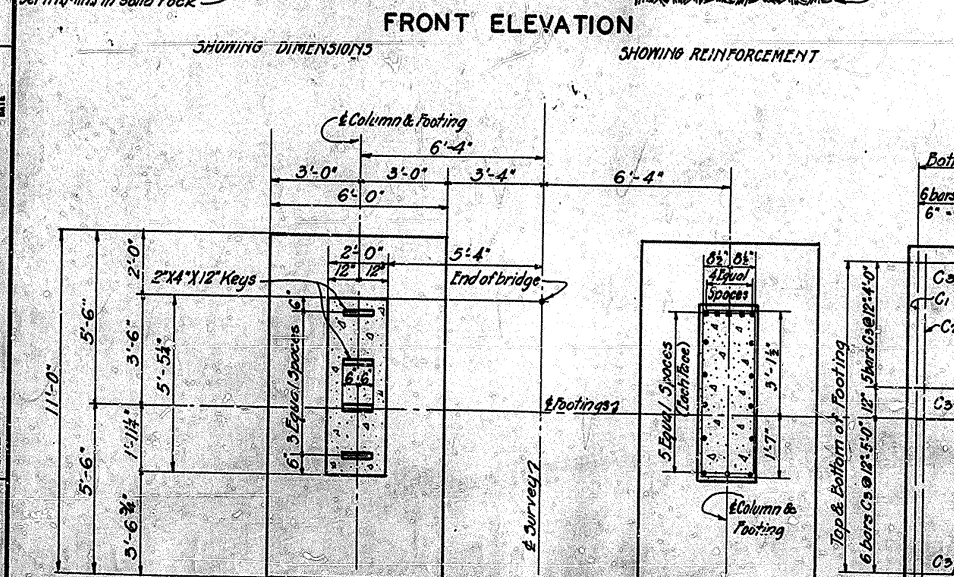
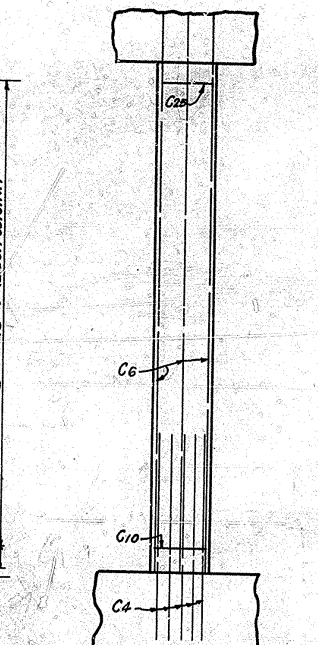
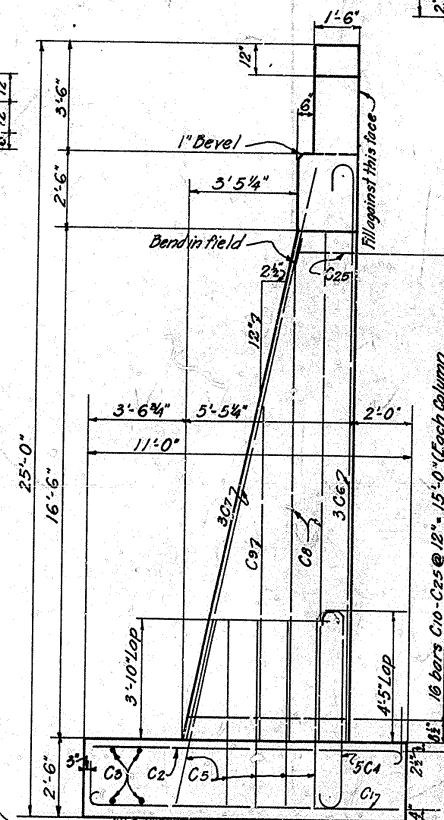
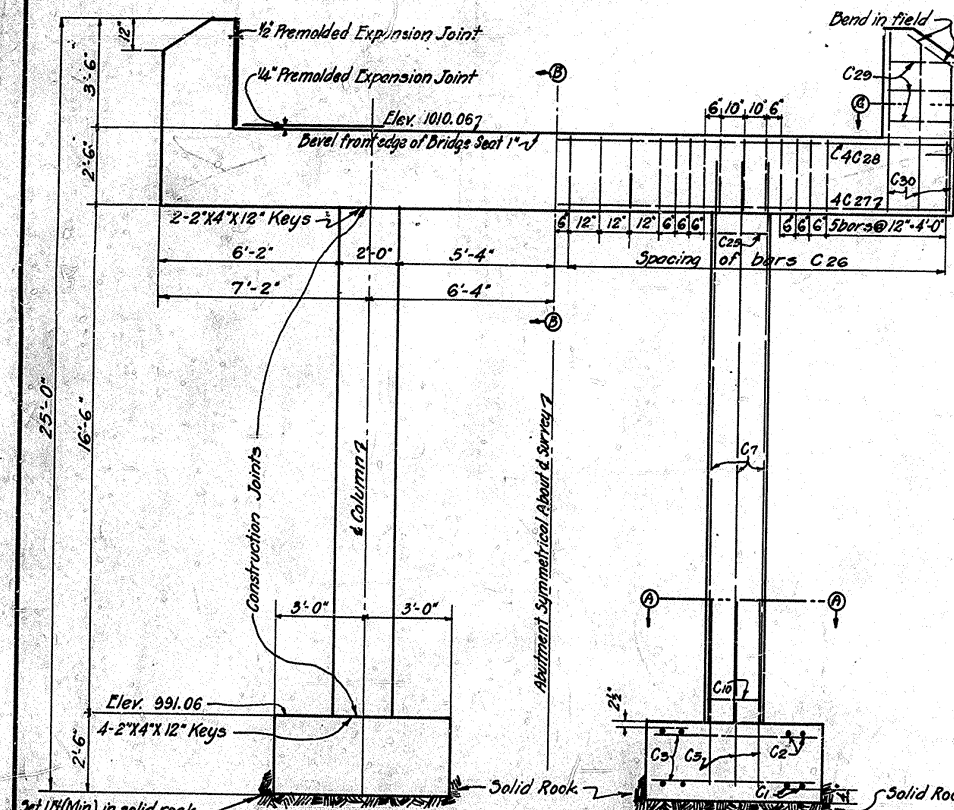


BILL & TYPES OF BENT REINFORCEMENT					(ONE ABUTMENT ONLY)								
MARK	TYPE	NO.	SIZE	LENGTH FT. IN.	LOCATION	a		b		c		d	
						FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.
C1	①	24	3/4"	11 6	Footings	10	4	1	4	10	8 1/2	0	8 1/2
C2	"	12	3/4"	11 6	"	10	4	1	2	10	7 1/2	0	7 1/2
C4	②	10	1"	8 9	Footings into Columns	5	9	1	6	6	7	0	10
C6	③	6	"	19 7	Columns into Caps	18	1	1	6	18	6	0	10
C10	④	2	1/2"	13 3	Columns	1	6	4	9 1/2	—	—	—	—
C11	"	2	"	12 10	"	1	6	4	7	—	—	—	—
C12	"	2	"	12 5	"	1	6	4	4 1/2	—	—	—	—
C13	"	2	"	12 0	"	1	6	4	2	—	—	—	—
C14	"	2	"	11 7	"	1	6	3	11 1/2	—	—	—	—
C15	"	2	"	11 2	"	1	6	3	9	—	—	—	—
C16	"	2	"	10 9	"	1	6	3	6 1/2	—	—	—	—
C17	"	2	"	10 4	"	1	6	3	4	—	—	—	—
C18	"	2	"	9 11	"	1	6	3	1 1/2	—	—	—	—
C19	"	2	"	9 6	"	1	6	2	11	—	—	—	—
C20	"	2	"	9 1	"	1	6	2	8 1/2	—	—	—	—
C21	"	2	"	8 8	"	1	6	2	6	—	—	—	—
C22	"	2	"	8 3	"	1	6	2	3 1/2	—	—	—	—
C23	"	2	"	7 10	"	1	6	2	1	—	—	—	—
C24	"	2	"	7 5	"	1	6	1	10 1/2	—	—	—	—
C25	"	2	"	7 0	"	1	6	1	8	—	—	—	—
C26	"	36	1/2"	8 4	Cap	1	8	2	2	—	—	—	—
C28	②	4	1"	38 10	"	10	1	6	36	8	0	10	10
C29	③	6	3/4"	7 1	Wings on Cap	2	14	1	7	—	—	—	—



BILL OF STRAIGHT REINFORCEMENT (ONE ABUTMENT)					
MARK	NO.	SIZE	LENGTH		LOCATION
			FT.	IN.	
C3	44	$\frac{1}{2}$ "	5	9	Footings
C5	22	$\frac{3}{4}$ "	6	0	Footings into Columns
C7	6	"	18	9	Columns into Cap
C8	8	"	16	4	Columns
C9	4	"	11	0	"
C27	4	1" $\square$	36	9	Cap
C30	12	$\frac{3}{8}$ "	5	2	Cap into Wings

ESTIMATE OF QUANTITIES (FOR ONE ABUTMENT ONLY)		
CONCRETE CLASS "A"	27.2	CU YDS.
REINFORCEMENT	3980	lbs.



DETAILS OF ABUTMENTS NO'S.1,&.2.

BRIDGE OVER RED RIVER		SHEET 2 OF 2	
COMMONWEALTH OF KENTUCKY			
STATE HIGHWAY DEPARTMENT			
FRANKFORT			
COUNTY OF			
WOLFE - MORGAN			
HAZEL GREEN - CANNEL CITY			
ROAD		PROJECT NO.	
STATION 271+15		DATE	
119-23-2		5/63	