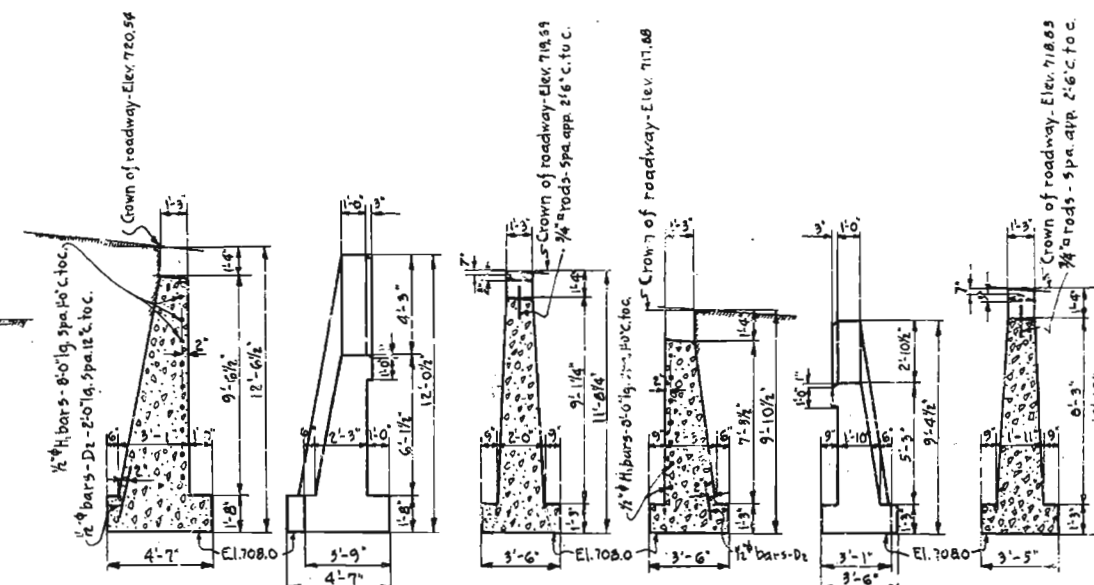
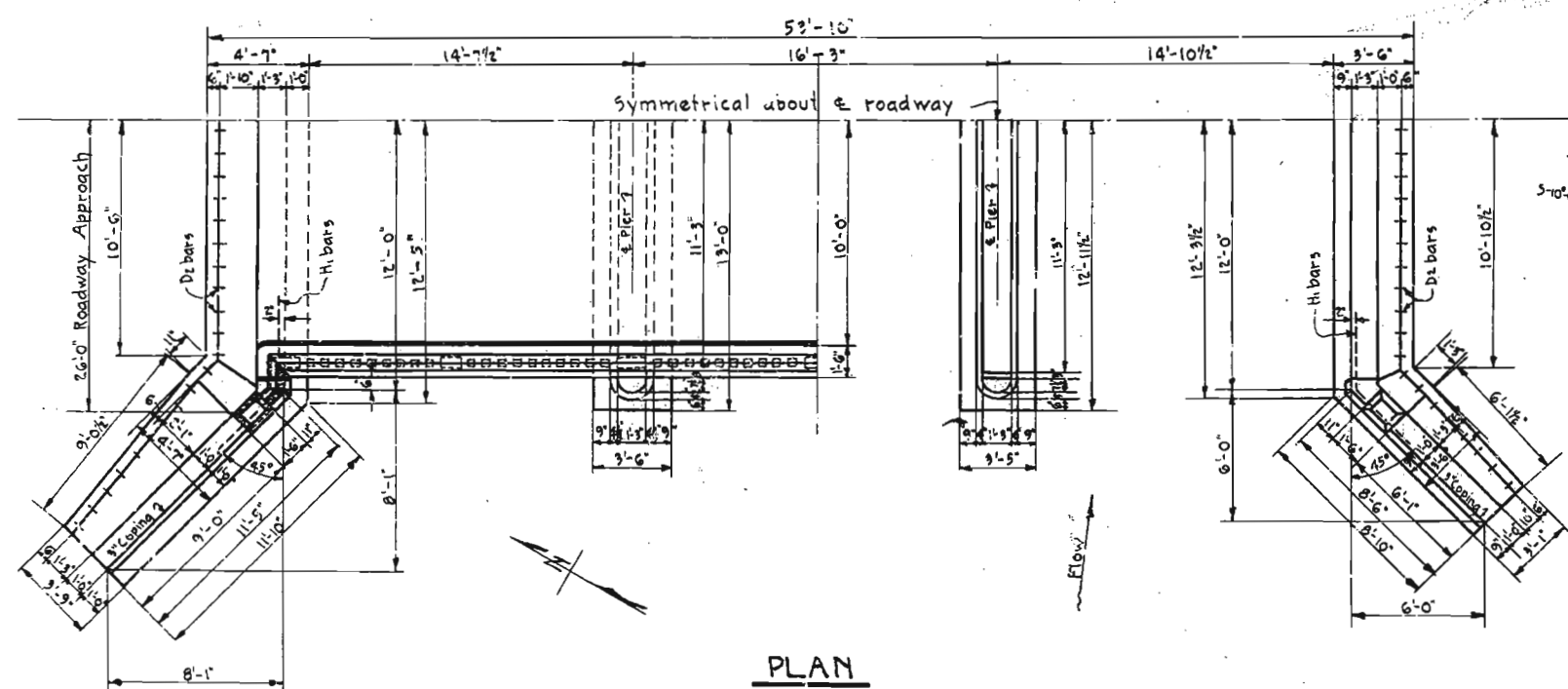


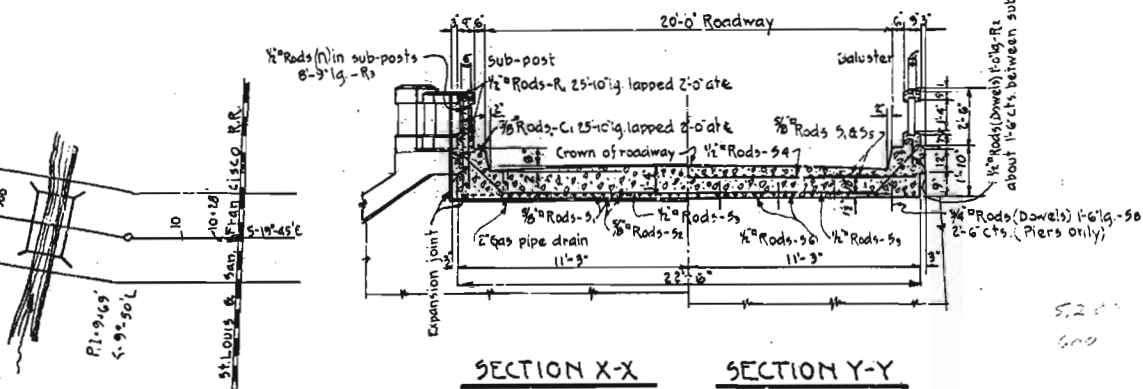
ELEVATION



SECTION THRU NORTH ABUTMENT END VIEW OF NW & SE WINGS SECTION THRU PIER 1 SECTION THRU SOUTH ABUTMENT END VIEW OF SW & SE WINGS SECTION THRU PIER 2



PLAN



LOCATION DIAGRAM

BILL OF REINFORCING STEEL - SUPERSTRUCTURE					
NO.	SIZE	LENGTH	MARK	REMARKS	BENDING SKETCH
52	3/8"	22'-7"	S ₁	See sketch	12'-2" x 24'-0"
56	3/8"	17'-9"	S ₂	See sketch	
53	1/2"	23'-9"	S ₃	See sketch	S ₁ 12'-2"
7	1/2"	22'-3"	S ₄	Straight	
27	3/8"	20'-0"	S ₅	See sketch	S ₁ 12'-2"
27	1/2"	18'-9"	S ₆	Straight	
27	1/2"	9'-10"	S ₇		S ₁ 12'-2"
18	3/8"	1'-6"	S ₈		
8	3/8"	25'-10"	C ₁		S ₁ 12'-2"
16	1/2"	23'-10"	R ₁		
48	3/8"	1'-0"	R ₂		S ₁ 12'-2"
24	1/2"	8'-9"	R ₃	See sketch	
16	1/2"	4'-6"	R ₄	Straight	S ₁ 12'-2"
46	3/8"	1'-6"	R ₅	Straightwires	

BILL OF REINFORCING STEEL - SUBSTRUCTURE				
NO.	SIZE	LENGTH	MARK	REMARK
80	3/8"	2'-0"	D ₁	Straight
32	1/2"	8'-0"	H ₁	Bent

ESTIMATED QUANTITIES				
	Hand rail	Slab & Curb	Abutments & Wings, Piers	Total
Concrete 1:2:3 Mix	50 Cu. yds.			50 Cu. yds.
Concrete 1:2:4 Mix		56.8 Cu. yds.		56.8 Cu. yds.
Concrete 1:3:5 Mix			67.7 Cu. yds.	101.1 Cu. yds.
Reinf. Steel	700'	5660'	280'	6640'
Excavation			151 Cu. yds.	425 Cu. yds.

GENERAL NOTES
For general notes see standard M9145.
Concrete in abutments - 1:3:5 mix.

MISSOURI STATE HIGHWAY DEPARTMENT
BRIDGE OVER NORTH FORK OF CANE CREEK
STATE ROAD FROM ELLSINORE TO POPLAR BLUFF
ABOUT 600' FROM ELLSINORE
PROJECT NO. R16-573 STA. 9+00

CARTER COUNTY
SUBMITTED BY *Chris D. Manna* BRIDGE ENGINEER
APPROVED BY *B. D. Manna* STATE HIGHWAY ENGINEER

M9145
G348