

PLAN 1010 C.R. 1010
S.E. 29th & Arkansas

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CITY OF WICHITA KANSAS

BRIDGE ON 29TH ST. NORTH ACROSS CHISHOLM CREEK

PROJECT NO. C16-12

INDEX
1. General Plan & Elevation
2. Substructure Details
3. Superstructure Details
4. Auxiliary Details

GENERAL NOTES

1. GENERAL INFORMATION AND NOTES: The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas. The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas.

2. EXISTING CONDITIONS: The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas. The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas.

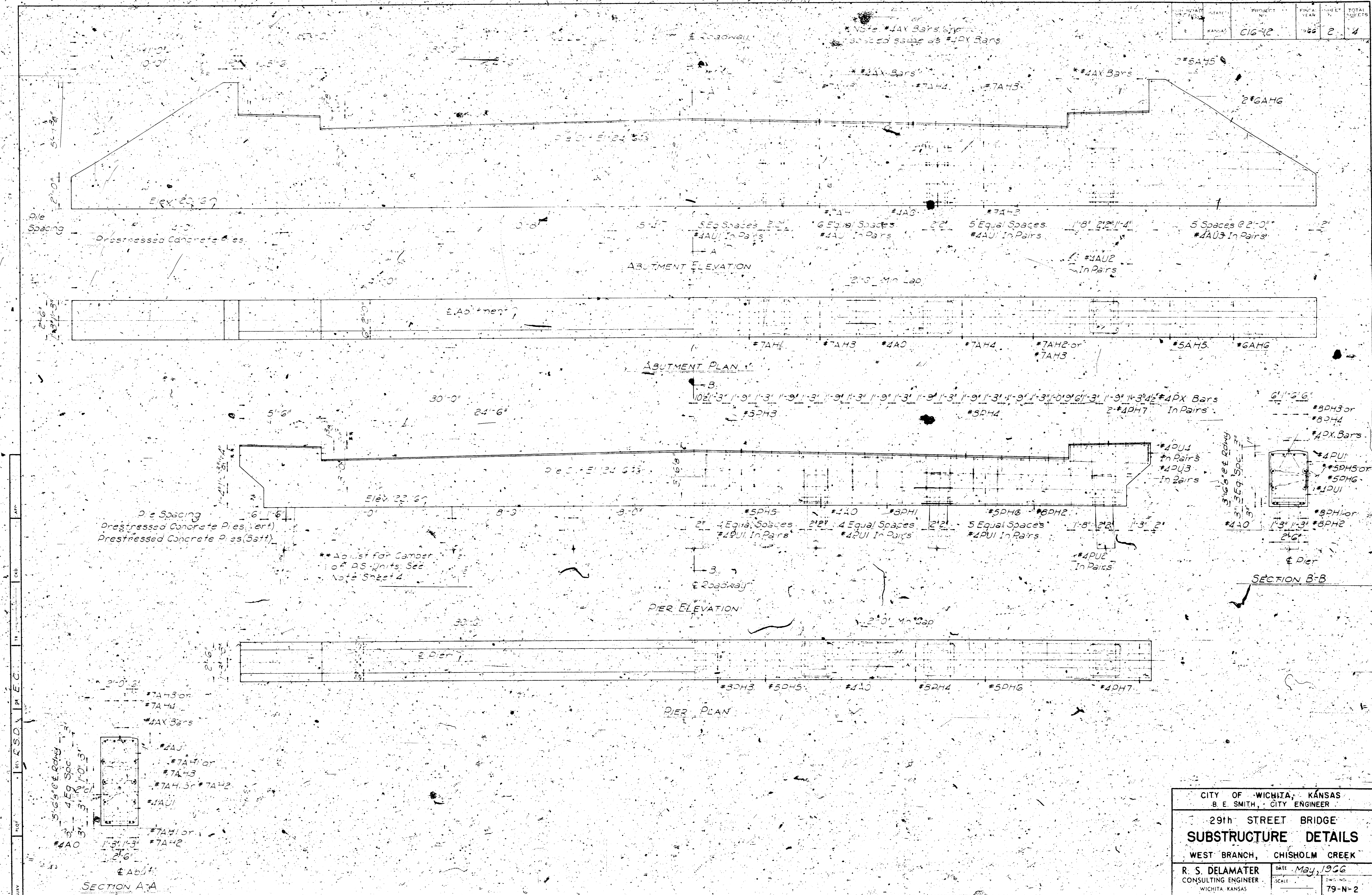
3. DESIGN: The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas. The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas.

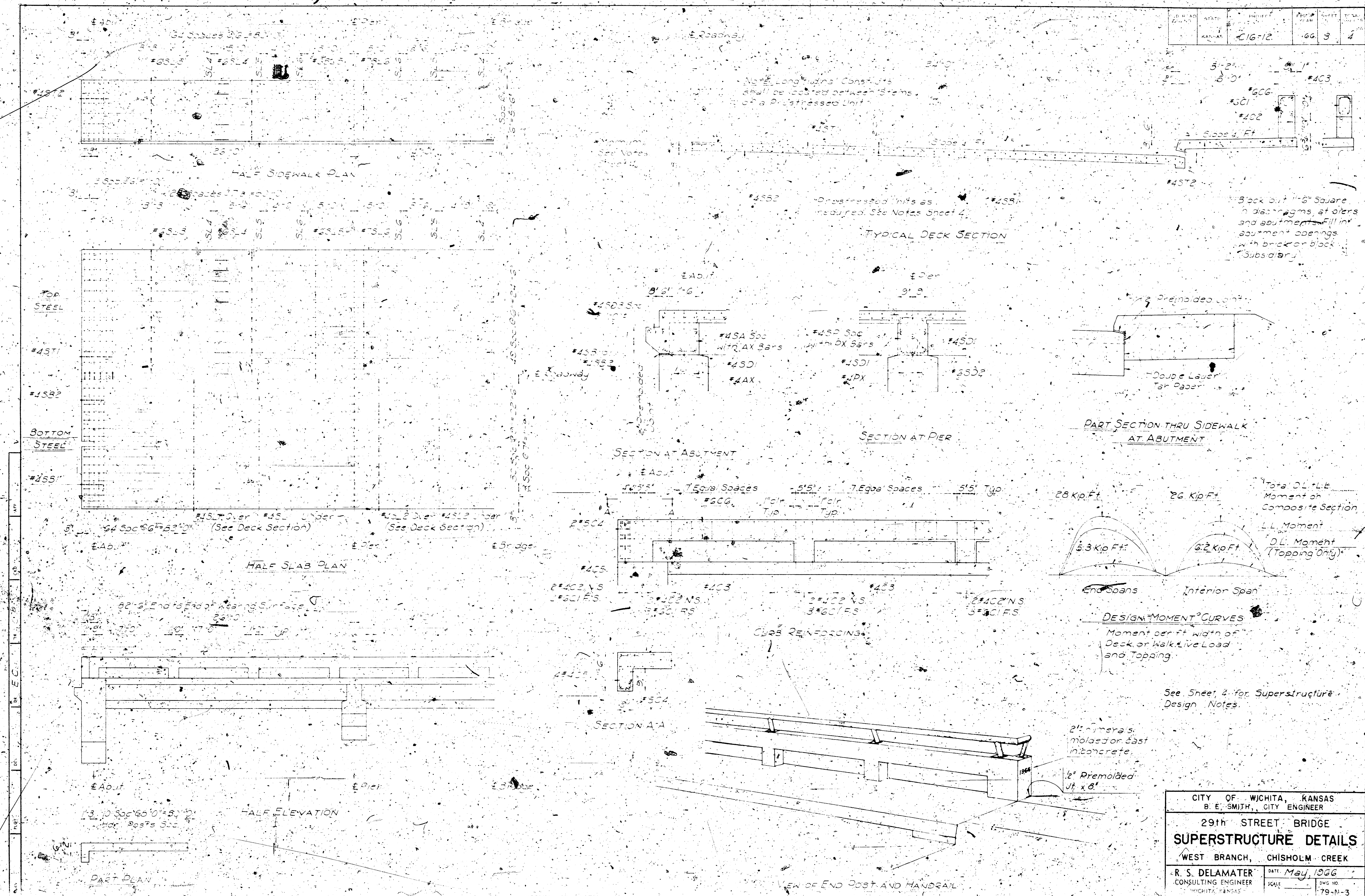
4. CONSTRUCTION: The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas. The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas.

5. MAINTENANCE: The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas. The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas.

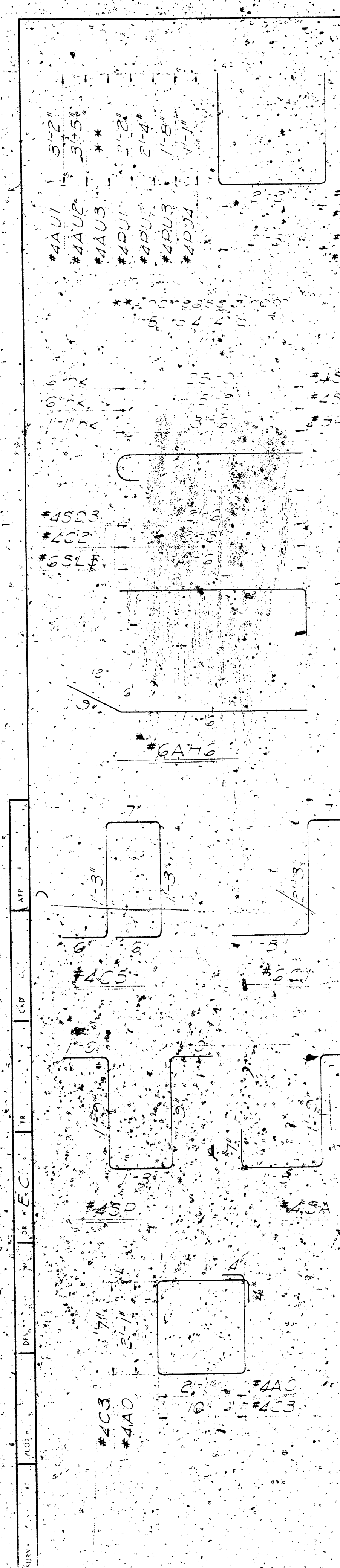
6. PLANS PREPARED BY: R. S. DELAMATER
CONSULTING ENGINEER
WICHITA, KANSAS
MAY, 1966

79-N-1





CITY OF WICHITA, KANSAS
 B. E. SMITH, CITY ENGINEER
 29TH STREET BRIDGE
 SUPERSTRUCTURE DETAILS
 WEST BRANCH, CHISHOLM CREEK
 R. S. DELAMATER
 CONSULTING ENGINEER
 DATE: May 1926
 SCALE: 1" = 10'-0"
 SHEET NO. 79-N-3



BILL OF MATERIAL					
ONE SUBMITTAL					
STRAIGHT BARS			BENT BARS		
Mark	No. Req.	Size	Mark	No. Req.	Size
AN1	10	3/4"	AD	30	3/4"
AN2	10	3/4"	AD1	62	3/4"
AN3	8	3/4"	AD2	16	3/4"
AN4	8	3/4"	AD3	24	3/4"
AN5	8	3/4"	AD4	24	3/4"
AX	88	3/4"	AD5	6	12'-3"

Class III Excavation	92	CU. Yds.
Class A Concrete	40.3	CU. Yds.
Reinforcing Steel	3430	Lbs.
12" Prestressed Concrete Piles	100	Lin. Ft.

ONE PIER							
P1	4	8	36'-0"	P2	8	8	14'-7"
P3	4	8	26'-0"	P4	60	8	6'-7"
P5	4	8	34'-0"	P6	12	4	6'-12"
P7	4	5	14'-0"	P8	4	4	5'-7"
P9	4	4	5'-3"	P10	4	4	6'-5"
P11	88	4	3'-0"	P12	14	4	9'-0"
Class A Concrete						18.1	Cu. Yds.
Reinforcing Steel						2240	Lbs.
12" Prestressed Concrete Piles						330	Lin. Ft.

SUPERSTRUCTURE							
S1	342	4	17'-0"	C1	74	8	4'-0"
S2	171	4	16'-0"	C2	52	8	3'-0"
S3	8	5	1'-0"	C3	120	4	3'-0"
S4	8	5	1'-0"	C4	20	4	2'-11"
S5	32	6	21'-0"	C5	44	4	5'-0"
S6	110	4	2'-0"	S7	44	4	5'-0"
S7	12	6	17'-0"	S8	98	4	3'-0"
S8	12	6	17'-0"	S9	20	4	25'-0"
S9	128	6	28'-0"	S10	116	4	6'-3"
S10	54	6	17'-0"	S11	128	6	16'-3"
S11	60	7	10'-0"				
Class AAA (AE) Concrete 28.0 Cu Yds Reinforcing Steel 29,860 Lbs							

Class AAA Concrete	14.8	CU. Yds.
Reinforcing Steel	29,880	Lbs.

PIPE HANDRAIL DETAILS

Sections 10' to 24' long

Handrail Details

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SUPPLEMENTARY NOTES

1. All concrete shall be Class AAA concrete, unless otherwise specified.

2. All steel shall be A36 steel, unless otherwise specified.

3. All dimensions shall be in feet and inches, unless otherwise specified.

4. All quantities shall be in cubic yards, unless otherwise specified.

5. All quantities shall be in linear feet, unless otherwise specified.

6. All quantities shall be in pounds, unless otherwise specified.

7. All quantities shall be in square feet, unless otherwise specified.

8. All quantities shall be in cubic feet, unless otherwise specified.

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100. All quantities shall be in cubic feet, unless otherwise specified.

SUMMARY OF PROJECT QUANTITIES			
ITEM	QUANTITY	UNIT	
REMOVAL OF EXISTING BRIDGE AND PILES	1.00	SUM	
CHANNEL EXCAVATION	1.00	SUM	
24" GROSS ROAD PILE	52	LIN. FT.	
20" EXCAVATION PIPE (C.M.F.)	56	LIN. FT.	
CLASS III EXCAVATION	186	CU. YDS.	
12" PRESTRESSED CONCRETE PILES	1,100	LIN. FT.	
CLASS A CONCRETE	114.8	CU. YDS.	
CLASS AAA CONCRETE (AE)	114.8	CU. YDS.	
PRESTRESSED DECK UNITS	1.00	SUM	
REINFORCING STEEL	41,320	LBS.	
GALVANIZED PIPE HANDRAIL	1.00	LIN. FT.	

CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER

29TH STREET BRIDGE
AUXILIARY DETAILS

WEST BRANCH, CUMSHOLM CREEK

R. S. DELAMATER
CONSULTING ENGINEER

DATE: May, 1966
SCALE: 1/8" = 1'-0"

79-N-4