

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

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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.

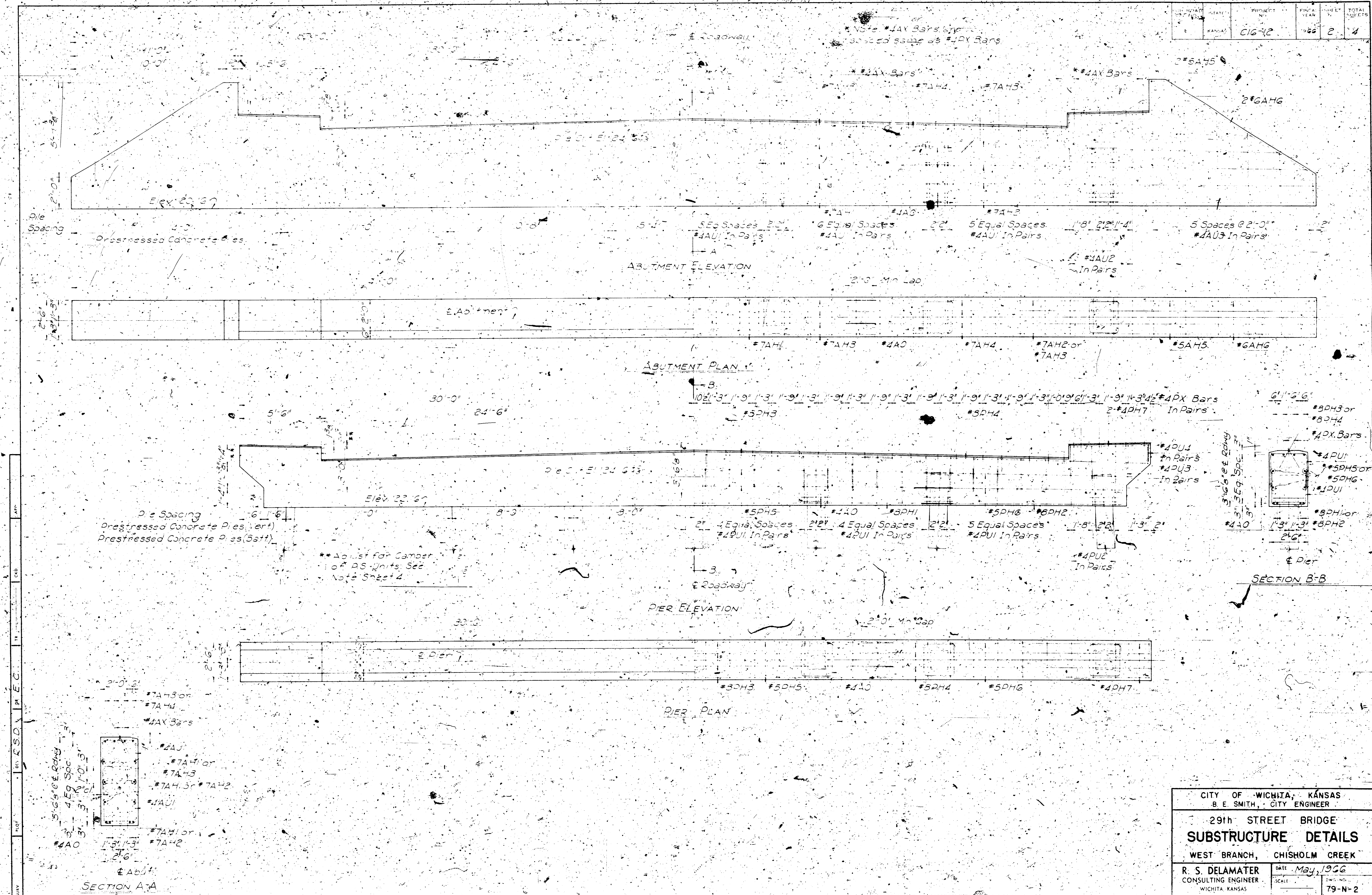
3. DESIGN: The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas. The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be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

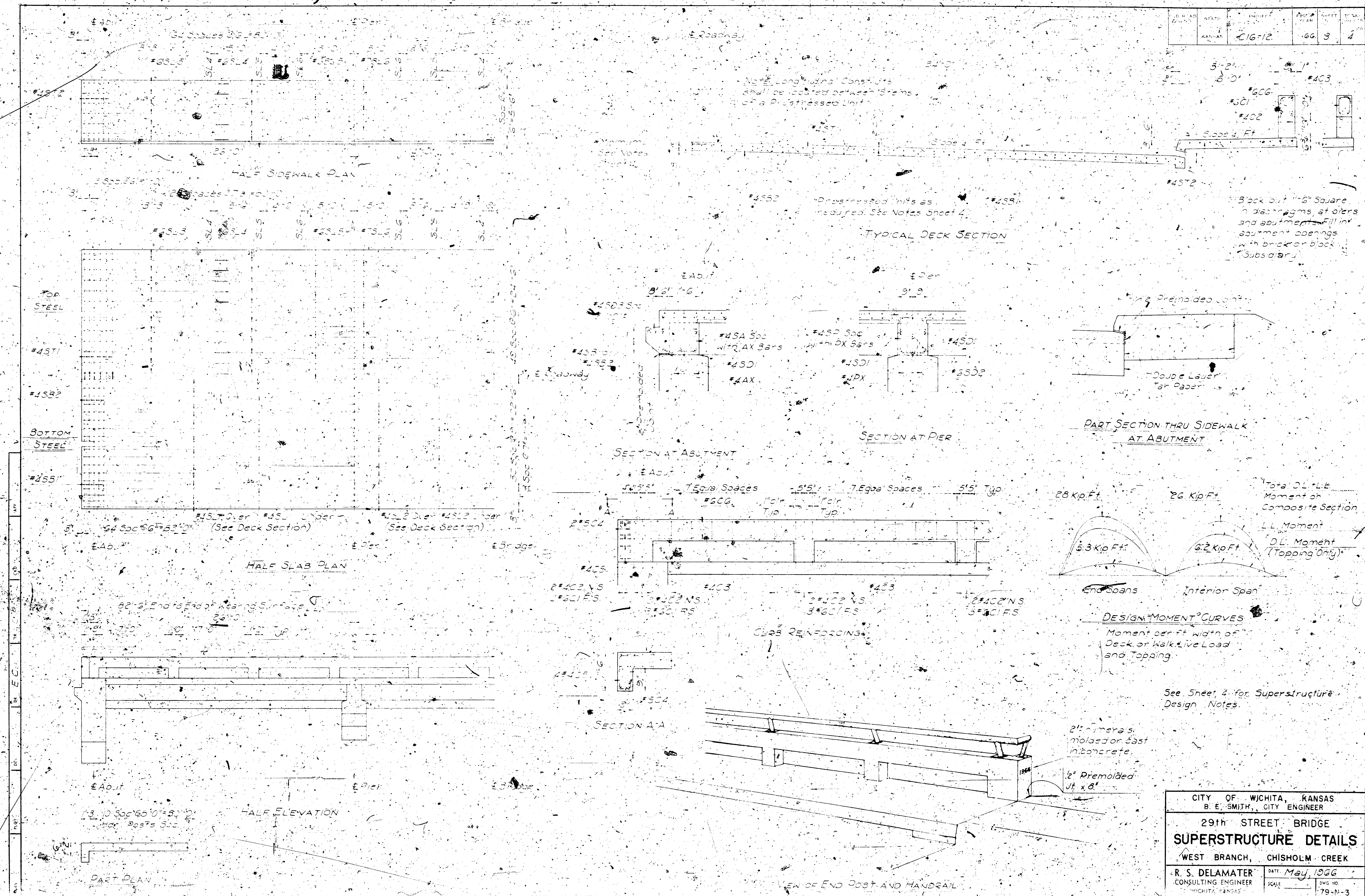
4. CONSTRUCTION: The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is to be constructed on the right-of-way of the City of Wichita, Kansas. The bridge is to be constructed on the right-of-way of the City of Wichita, Kansas, and the bridge deck is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

DATE: May 1926
SCALE: 1" = 10'-0"

79-N-3

UNITED STATES CIVIL NO. 3	KANSAS	PROPERTY NO.	FIRST PAGE	SHEET 4	TOTAL 6
	KANSAS	C16-12	1936	4	6

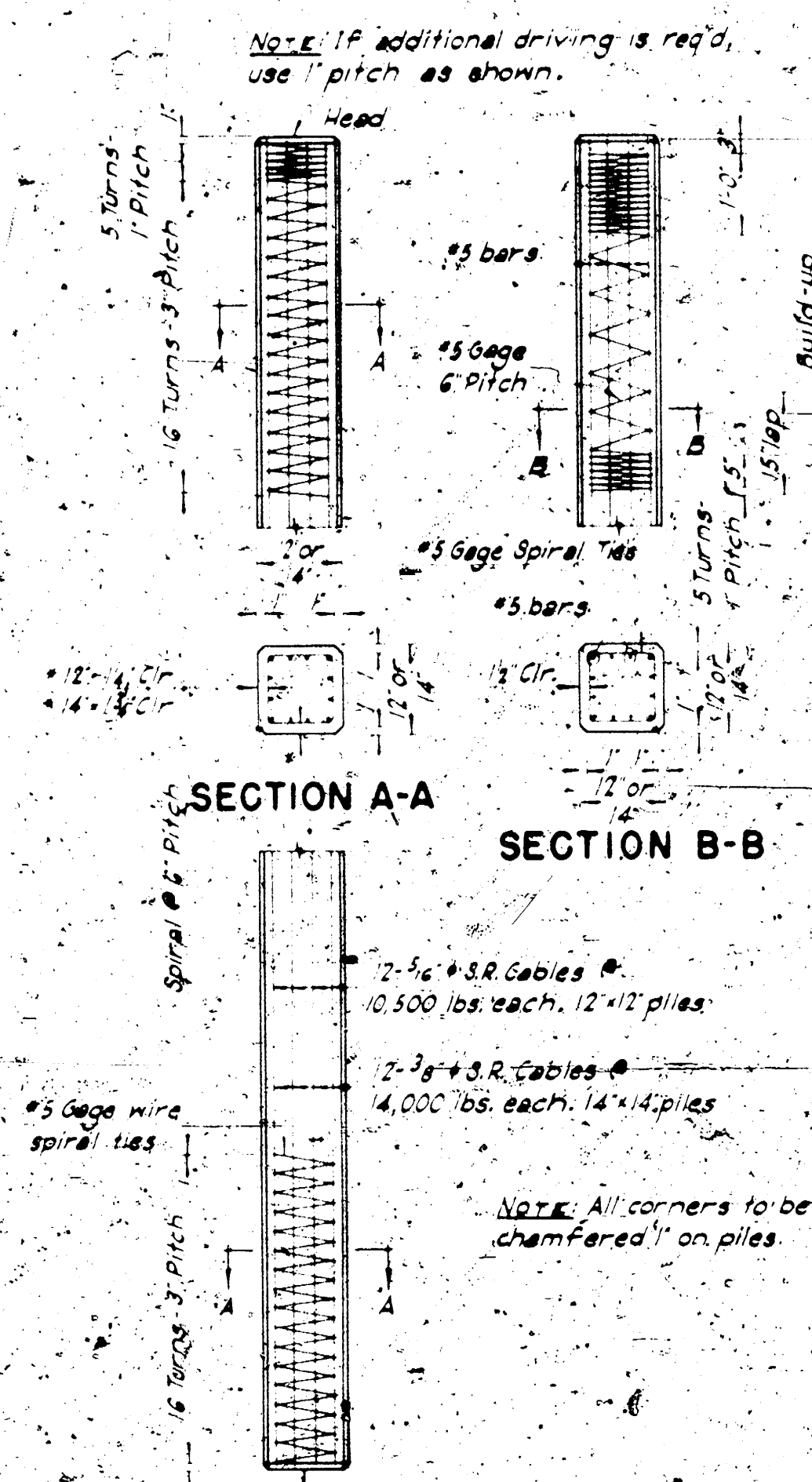
BILL OF MATERIAL							
ONE AUTOMOT							
STRAIGHT BARS				BENT BARS			
Mark	No. Req.	Size	Length	Mark	No. Req.	Size	Length
AH1	10	7	34'-0"	A5	30	7	9'-0"
AH2	10	7	26'-0"	A6	12	6	8'-0"
AH3	8	7	24'-0"	AU1	16	7	9'-0"
AH4	8	7	22'-0"	AU2	16	7	9'-0"
AH5	5	5	9'-0"	AU3	24	7	9'-0"
AX	58	12	1'-0"	AH6	4	6	12'-3"
				* See bending diagram			
Class III Excavation						92	Cu. Yds.
Class A Concrete						60.3	Cu. Yds.
Reinforcing Steel						35.30	Lb.
12" Prestressed Quarter Pile						100	Lin. Ft.

ONE PIER									
PH1	4	8	36'-0"	PH2	8	8'	14'-7"		
PH3	4	8	28'-0"						
PH4	8	8	19'-0"	PW1	6	4	6'-7"		
PH5	4	5	34'-0"	PH3	12	4	8'-1"		
PH6	8		16'-0"	PW2	4	4'	5'-3"		
PH7	4	4	5'-3"	PH4	4	4	4'-5"		
PL	88	4	1'-0"	AO	14	4	9'-0"		
Class A Concrete								18.1	Cu. Yds.
Reinforcing Steel								2240	Lbs.
12" Prestressed Concrete Tiles								130	Ltn. Pcs.

SUPERSTRUCTURE									
S81	342	4	117°-50"	C1	74	6	4°-5°		
S82	171	4	161°-0"	C2	52	4	3°-0"		
				C3	120	4	3°-0"		
C4	8	5	1°-3"	C5	26	4	2°-1"		
C6	32	6	21°-9"						
				SA	44	4	5°-0"		
S81	210	4	2°-40"	SP	44	4	6°-49"		
S82	12	6	17°-3"	S83	98	4	5°-10"		
				ST1	264	4	25°-52"		
SL1	134	4	27°-9"	ST2	136	4	6°-34"		
SL2	67	4	1°-29°-0"						
SL3	128	6	28°-9"	SL1	128	6	16°-34"		
SA	54	6	117°-50"						
SL0	40	7	10°-0"						
Class AA(AE) Concrete 24.8 Cu Yr Reinforcing Steel 25,380 Lbs									

PIPE HANDRAIL DETAILS

Sections to be submitted
on or before April 15, 1991



PRESTRESSED CONCRETE PILES

NOTES:
All concrete in Prestressed Piles shall be Class AAA. Splice details for Prestressed Piles shall be made in accordance with manufacturer's recommendations, subject to approval of the Engineer.
Price bid per foot for piles shall be the total cost per foot of pile in place, including driving, concrete and reinforcing steel.

SUPERSTRUCTURE NOTE

1. Each pile shall be spaced at least 10 feet apart. The spacing shall be uniform and shall be indicated on the plan view of the pile field. The piles shall be driven to a depth of at least 10 feet below the lowest water level. The piles shall be driven to a depth of at least 10 feet below the lowest water level. The piles shall be driven to a depth of at least 10 feet below the lowest water level.

Pre-treated parts to be fabricated in accordance with the conditions and requirements of the Manual for Quality Control (revisions) for plants and products of pre-treat or treated surface products of the following types:

- 1. Pre-treated parts to be fabricated in accordance with the conditions and requirements of the Manual for Quality Control (revisions) for plants and products of pre-treat or treated surface products of the following types:

Furnished the complete sets of design computations for the prestressed units and for the composite section for approval by the Engineer.

Placed the deck top reinforcement at the minimum thickness shown, increasing an additional thickness of concrete required to allow for embedment in the prestressed units. These additional concrete quantities have been computed to allow for 10% embedment.

Keep the top of the unit down
4500 lbs. - 1000 lbs. - 1000 lbs. - 1000 lbs.
1000 lbs. - 1000 lbs. - 1000 lbs. - 1000 lbs.

Place the patient in a semi-recumbent position and ag-
nize the muscles of the back and neck. During this time care t
vitalize the patient with the sphygmograph and particu-
larly the blood pressure and the respiration.

Emulsion containing the following ingredients with a brown finish.

Ingredients: 1. Water 100 parts 2. Emulsion spray the top surfaces, 1/2 inch wide, and the vertical surfaces 1/4 inch wide of the top. Emulsion containing the USDA, University of Kentucky, formulation 6125-104, as available to the following products, or Wichita, Kansas

SUMMARY OF PROJECT QUANTITIES			
ITEM	QUANTITY	UNIT	
REMOVAL OF EXISTING BALDGE AND PIPES	LUMP	SUM	
CHANNEL EXCAVATION	LUMP	SUM	
24" GROSS-ROAD PEE	52	LIN. F.	
24" EXCAVATION PIPE (C.M.F.)	56	LIN. F.	
CLASS III EXCAVATION	186	CU. YD.	
12" PRESTRESSED CONCRETE PILES	4,300'	LIN. F.	
CLASS A CONCRETE	116.8	CU. YD.	
CLASS AAA CONCRETE (AE)	114.8	CU. YD.	
PRESTRESSED BECK UNITS	LUMP	SUM	
REINFORCING STEEL	41,320'	LBS.	
GALVANIZED PIPE HANGRAIL	4,275'	LIN. F.	

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

29th STREET BRIDGE

AUXILIARY DETAILS

WEST BRANCH, CHISHOLM CR

R. S. DELAMATE
CONSULTING ENGINEER
UNIONTOWN, PENNSA

DATE *May, 1966*

SCALE _____ DWG. NO. *79*

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