


CONSULTANTS:

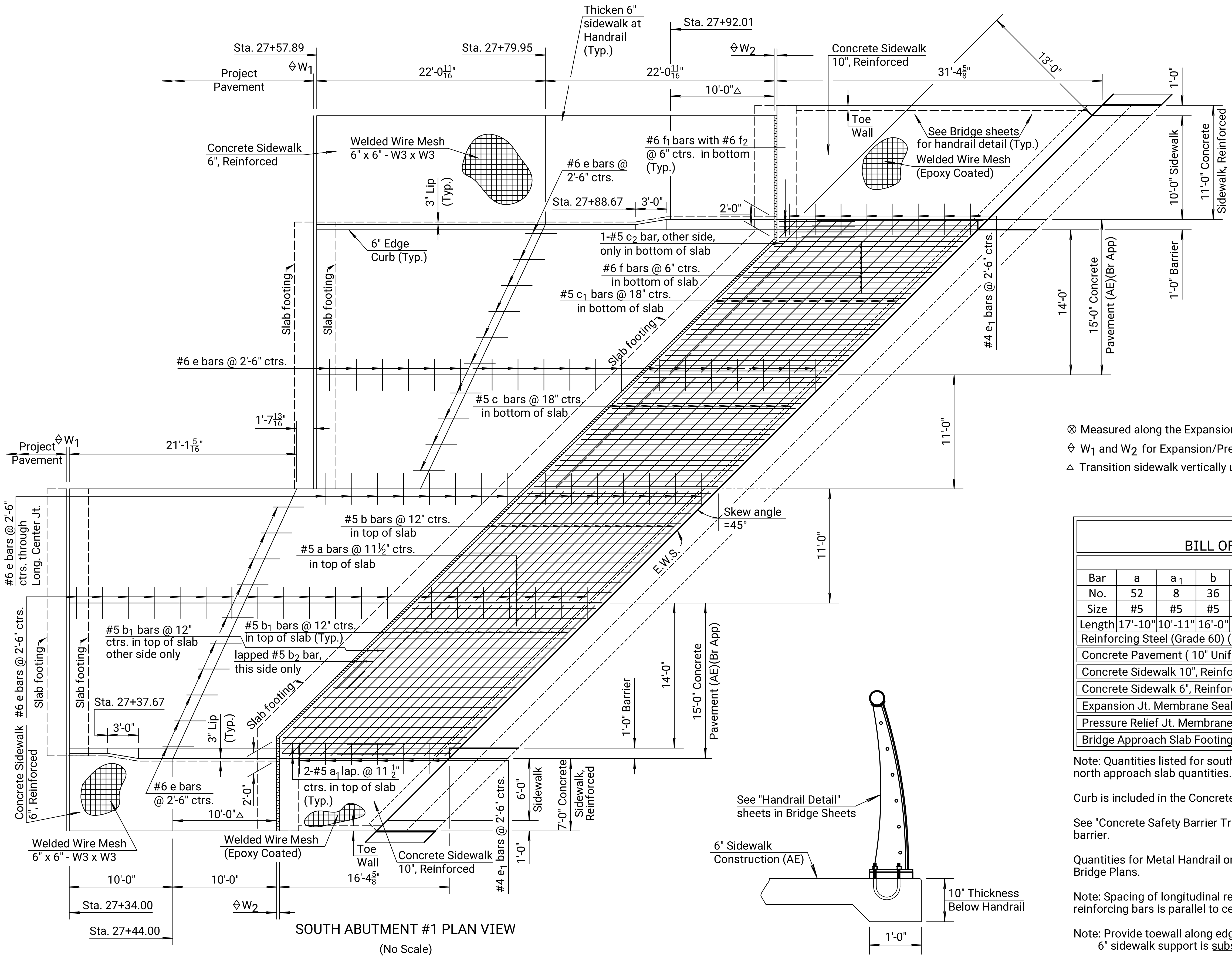
AMIDON AVE. BRIDGE  
 AT ARKANSAS RIVER  
 WICHITA, KANSAS  


REVISIONS:	DESCRIPTION	MARK	DATE

PROJ NO: E1010-4025062  
 SCALE:  
 DATE: 07/08/2022  
 DESIGNED BY: JBM  
 DRAWN BY: JBM  
 CHECKED BY: WBS

SHEET TITLE:  
 APPROACH  
 PAVEMENT (SOUTH)

SHEET NO.  
 21  
 SHEET 21 OF 128



⊗ Measured along the Expansion/Pressure Relief Joint.  
 ∅ W<sub>1</sub> and W<sub>2</sub> for Expansion/Pressure Relief Joint width and details See Standard Drawing RD712.  
 △ Transition sidewalk vertically up 6" to top of curb.

45° Skew BILL OF MATERIALS - SOUTH ABUTMENT #1													
Bar Schedule													
Bar No.	a	a <sub>1</sub>	b	b <sub>1</sub>	b <sub>2</sub>	c	c <sub>1</sub>	c <sub>2</sub>	e	e <sub>1</sub>	f	f <sub>1</sub>	f <sub>2</sub>
52	8	36	34	4	24	23	1	74	14	96	8	8	
Size	#5	#5	#5	#5	#5	#5	#5	#5	#6	#4	#6	#6	#6
Length	17'-10"	10'-11"	16'-0"	21'-10"	11'-10"	14'-10"	20'-11"	19'-2"	3'-0"	3'-0"	18'-6"	15'-6"	7'-3"
Reinforcing Steel (Grade 60) (Epoxy Coated)												6,666	lbs.
Concrete Pavement ( 10" Unif.)(AE)(Br App)												288.7	Sq. Yds.
Concrete Sidewalk 10", Reinforced												375	Sq. Ft.
Concrete Sidewalk 6", Reinforced												600	Sq. Ft.
Expansion Jt. Membrane Sealant ⊗												87.9	Lin. Ft.
Pressure Relief Jt. Membrane Sealant												61.5	Lin. Ft.
Bridge Approach Slab Footing												41.9	Cu. Yds.

Note: Quantities listed for south approach slab only. See "Approach Pavement (North)" sheet for north approach slab quantities. Reinforcing steel and joint lengths shown for information only.

Curb is included in the Concrete Pavement bid item.

See "Concrete Safety Barrier Transition" sheet for payment and details of transition barrier.

Quantities for Metal Handrail on the approach slab are included in the bid items on the Bridge Plans.

Note: Spacing of longitudinal reinforcing bars is normal to center line. Spacing of transverse reinforcing bars is parallel to center line.

Note: Provide toewall along edge of 10" sidewalk, subsidiary to the respective bid item. Lip for 6" sidewalk support is subsidiary to the "Concrete Pavement (10" Unif.) (AE)" bid item.

DETAIL OF 6" SIDEWALK AT HANDRAIL  
 Thickened edge subsidiary to Sidewalk Construction (6" Unif.)(AE)