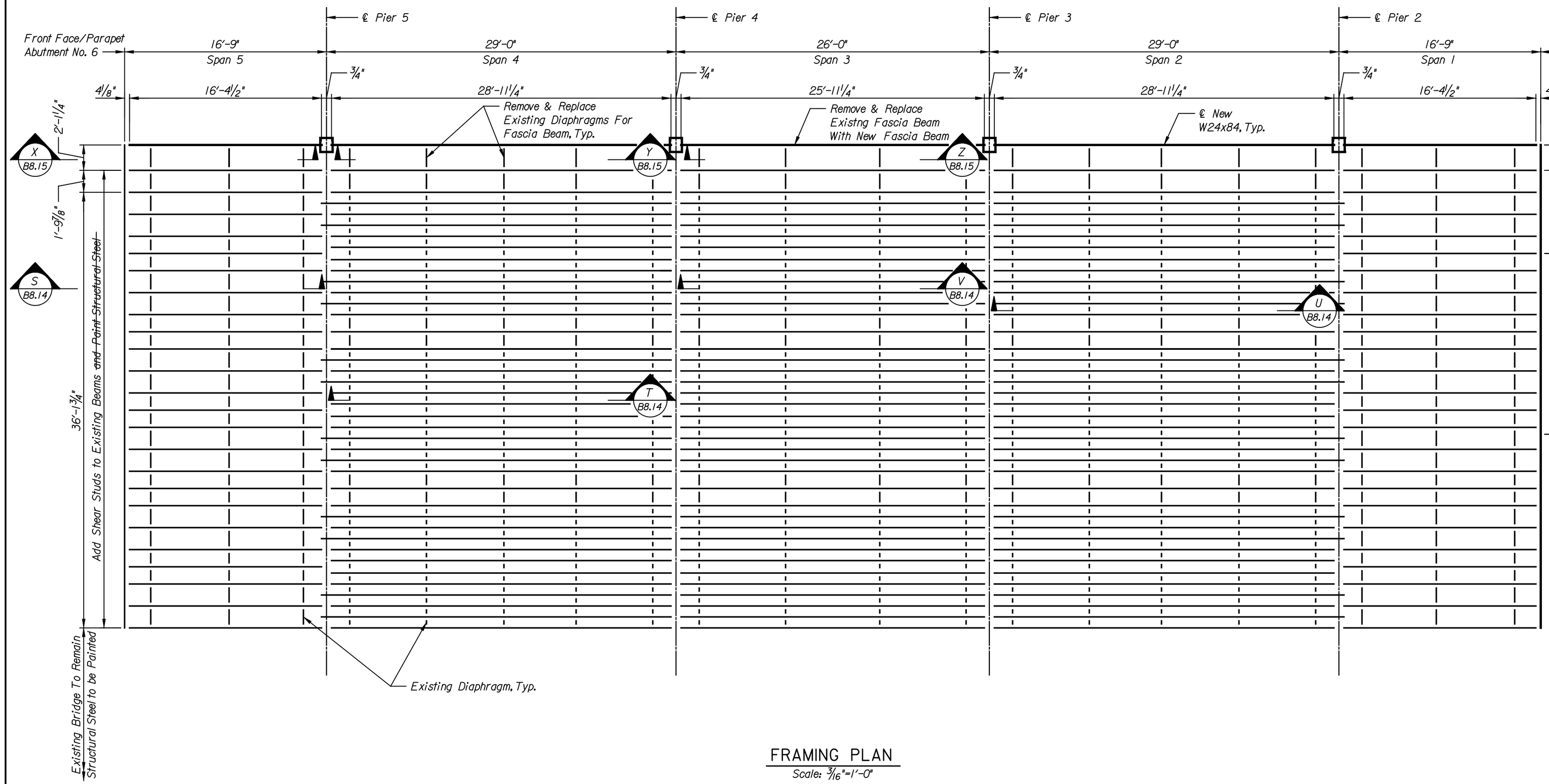
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84071	2005	B8.13	



FRAMING PLAN

Scale: 3/16"=1'-0"

NOTES:

Field verify all dimensions and existing sizes prior to fabrication.

Fabrication and workmanship shall conform to the current AREMA Manual for Railway Engineering.

All structural steel for the fascia beam and diaphragms shall conform to ASTM A709, Grade 50T2, unless noted otherwise.

Each fastener shall be composed of a Heavy Hex Structural Bolt, ASTM A325 Type 1; each with one circular Hardened Washer, ASTM F436 Type 1; and one Heavy Hex Nut, ASTM A563 Grade C, unless noted otherwise.

All fasteners shall be 7/8" diameter, unless noted otherwise.

All fastener holes will be 1/16" larger than the nominal fastener diameter, unless noted otherwise.

All holes through main structural members shall be drilled full-size or shall be sub-drilled 1/4" less than full diameter and reamed to full-size.

All washers shall be located under the turned element.

Existing steel shall be tested to verify weldability. Refer to specifications. Steel weldability testing is subsidiary to headed shear connectors.

All headed shear connectors shall conform to ASTM A108, Grade 1010, 1015, 1016, 1018 or 1020.

Welding shall conform to the AREMA Manual for Railway Engineering and the Bridge Welding Code, AWS D1.5M/D1.5.

The existing steel surface preparation shall be pressurized water spray, SSPC-1, SSPC-2 and SSPC-3 in accordance with the specifications.

~~Rust Penetrating sealer, primer and top coat are in accordance with the specifications.~~

~~The top coat of paint shall be semi-gloss white and color matched to the proposed abutment color.~~

~~Prior to painting, submit samples to the Engineer for approval of the color.~~

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

DATE / BY

This sheet designed by:

HNTB

ARCHITECTS ENGINEERS PLANNERS

CITY OF WICHITA

WICHITA CENTRAL CORRIDOR

DOUGLAS AVENUE
FRAMING PLAN

SHEET NO.	OF	SCALE	AS NOTED	APP'D			
DESIGNED	FKD	DETAILED	DJJ	QUANTITIES	DJJ	TRACED	DJJ
DESIGN CK.	CMS	DETAIL CK.	DJJ	QUAN.CK.	DMH	TRACE CK.	DMH

LOCATION: BNSF BR. 210.8 WICHITA, KS LINE SEGMENT 7400

Plotted on: 04-JAN-2005 12:47 $time$
djamison Plot Queue: $queue$
Plot Scale: $scale$ Pen Table: $pentable$
Design Filename: K:\B28049\BridgesDec2004\Base Bid\Douglas\Drawings\d13.dgn