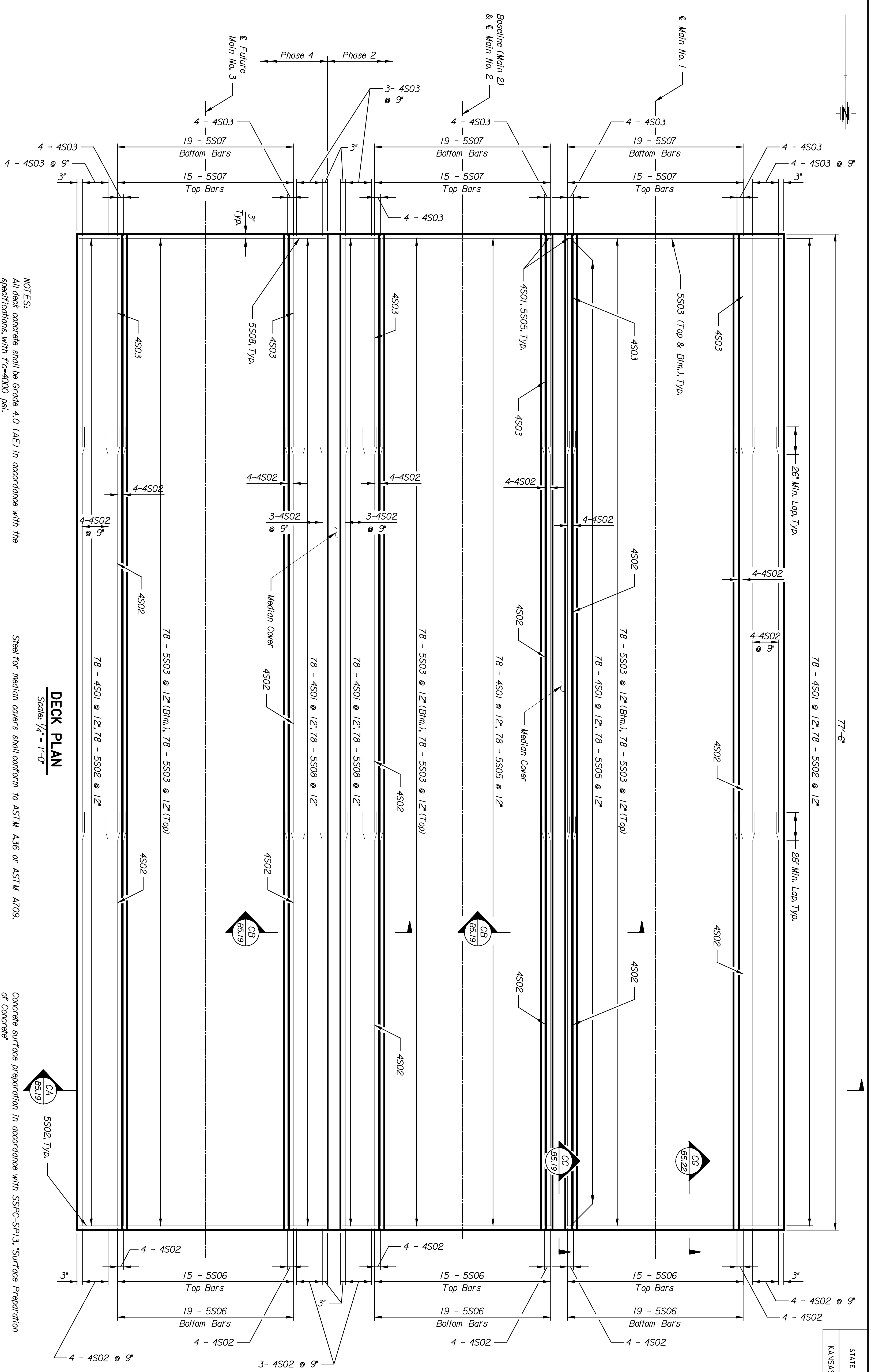


BY	DATE

**PNTB**  
 ARCHITECTS ENGINEERS PLANNERS

This sheet designed by:



**DECK PLAN**  
 Scale: 1/4" = 1'-0"

**NOTES:**  
 All deck concrete shall be Grade 4.0 (AE) in accordance with the specifications, with f'c=4000 psi.  
 All reinforcing steel shall conform to ASTM A615, Grade 60.  
 All epoxy-coated reinforcing shall conform to ASTM A775.  
 All deck ballast curb and walkway reinforcing shall be epoxy-coated.  
 Cast in place holes in walkways for handrail panel connection. See sheet BS.19 & BS.21 for layout & details.  
 Exposed concrete edges shall be chamfered 3/4" unless noted otherwise.  
 Provide a broom finish on the top surface of the walkway.  
 Provide a 1/4" deep saw cut with a thin-bladed concrete saw across the bridge deck, curbs and walkways at a 15'-0" max interval  
 Apply an epoxy binder between the deck and walkway support.

Steel for median covers shall conform to ASTM A36 or ASTM A709.  
 Median covers shall have a raised-diamond pattern and conform to ASTM A786.  
 Median Covers are subsidiary to deck concrete.  
 Welding shall conform to the ARCA Manual for Railway Engineering and the Bridge Welding Code, AWS D1.5W/D1.5.  
 All weld metal shall be equivalent to the base metal in strength, corrosion resistance and painted appearance.  
 All welding shall be made with the SAW process.  
 Median cover plates shall be hot-dipped galvanized in accordance to ASTM A123.  
 The bottom surface of median cover plates shall be painted to match the steel girders.  
 The bottom of the deck, between girders shall be painted to match the steel girders.

Concrete surface preparation in accordance with SSPC-SP13, Surface Preparation of Concrete  
 Apply two field coats of paint with a water-borne acrylic finish paint, a minimum of 3.0 mils dft/coat.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84071	2005	BS.18	

DESIGNED BY	SCALE	AS NOTED	APPROVED
CHKD BY	DATE	QUANTITIES	DATE
DETAILS BY	DATE	DATE	DATE
DATE	BY	APPROVED	

**CITY OF WICHITA**  
**2ND STREET**  
**DECK PLAN**

LOCATION	PROJECT
BR. 20.0	WICHITA, KS