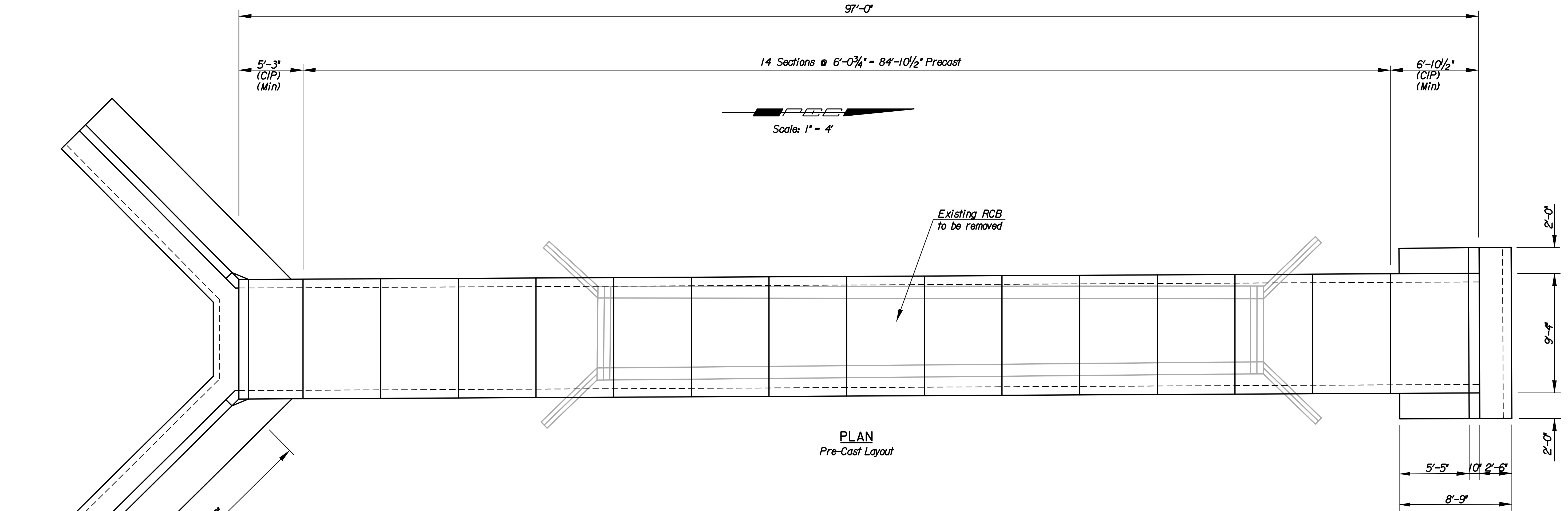


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0514-01	2010	57	148



PLAN  
Pre-Cast Layout

**GENERAL NOTES**

LOADING: HS20-44 A.A.S.H.T.O. Specification, 1983 Edition.

UNIT STRESSES:  
Concrete  $F'_c = 4,000$  p.s.i.  
Reinforcing Steel  $F_y = 60,000$  p.s.i.

JOINTS: Construction Joints shall only be formed at locations shown or as approved by the Engineer

EXCAVATION: All excavation and backfill shall extend 2 feet beyond the sides of the box and wingwall.

CONFLICT: If R.C.B. plan notes conflict with the General Notes from this sheet, then these General Notes will govern.

PAYMENT: The R.C. Box shall be bid as a Lump Sum and shall include all labor, material, excavation, concrete, reinforcing steel, seal course and other incidentals necessary to complete the work. Quantities shown are for information only.

**PRECAST NOTES**

PRECAST CONCRETE: Precast Box Sections shall meet the appropriate design and inspection requirements of A.S.T.M. Designation C850, Table 2 or C789, Table 2 whichever is critical and the Loading Specifications. The intermediate joints shall be sealed with a mastic compound which shall be provided for approval with the shop detail submittal. The Contractor shall furnish, to the Engineer, detail plans and shop drawings showing the proposed precast layout and all other details for manufacture and delivery of any precast items to be incorporated into the work.

SEAL COURSE: A Seal Course shall be constructed below the R.C.B. as shown in the Plans. The Seal Course below Precast Sections shall consist of either 3 inches of 3,000 p.s.i. Concrete or a 6 inch Granular Base (Type UD-1) at the Contractor's option. No reinforcing shall be placed until the Seal Course has gained sufficient strength to permit working upon it without injury.

REINFORCING STEEL: All dimensions relative to reinforcing are to centerline of bars unless otherwise noted. Bar bending and dimensions shall be as shown and noted on the Bar Bending Diagrams. Reinforcing used in the Precast Sections is not required to be epoxy coated. The concrete cover for all reinforcing shall be 1/2" minimum unless otherwise noted. A revised bar schedule will be required at shop detail submittal due to shortened box length for precast construction.

Doweling details between pre-cast and cast-in-place ends must be submitted for approval by the Engineer.



CITY OF WICHITA			
HARRY ST.		STA. 62+11.18	
8'x6' RCB GENERAL NOTES AND LAYOUT			
127th and Harry St.			
PROJECT NO. 87 N-0514-01		SEDGWICK COUNTY	
Professional Engineering Consultants, P.A. 303 S. TOPICKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	R.J.M	Checked by	R.A.S.
Drawn by	R.J.M	Date	Feb. 2010
		Job No.	08778

Plotted By: rjm  
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