



PLAN

GENERAL NOTES

LOADING: AASHTO Specifications, 2007 Edition and 2009 Interim Specifications. Load and Resistance Factor Design

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

CONSTRUCTION: The Contractor must use precast construction plus cast-in-place end sections.

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 RCB plan notes conflict with the General Notes from this sheet, then these General Notes will govern.

PAYMENT: The RCB shall be bid as a Linear Feet and shall include all labor, material, excavation, concrete, reinforcing steel, seal course, precast box sections, and any other incidentals necessary to complete the work as described in the plans. 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 a 6 inch Granular Base (ASTM 67). 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 1/2" minimum unless otherwise noted. A revised bar schedule will be required at shop detail submittal for any deviation from plan scope.

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

Plotted By: mlb
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 FILE: I:\2010\10281\Bridges\LRFD Boxes\10281-4X3 GeneralNotes.dgn

No.	Revision	By	Date
135TH ST.		Sta. 226+05.00	
RCB LAYOUT			
4'X3'			
GARY JANZEN, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84915			
		PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com	
Designed by	MLB	Job No.	10281
Drawn by	MLB	Date	JAN., 2013
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