

GENERAL NOTES

LOADING: AASHTO Specifications, 2004 17th Edition and latest Interim Specifications. Load and Resistance Factor Design

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

BACKFILL: The box shall be backfilled with sand, flushed and vibrated to a depth of 1' above the top of the box.

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

RIPRAP, LIGHT STONE: Place Riprap, Light Stone to the limits and thicknesses shown on the plans or as directed by the Engineer. ($D_{50} = 6"$)

SEEDING AND EROSION CONTROL MAT:
The contractor will be required to seed and mat all non-paved areas disturbed by construction. Seed and Erosion Control Mat shall meet all requirements in the project specifications.

PAYMENT: The RFBB shall be bid as a Linear Feet and shall include all labor, material, excavation, sheet piling, concrete, reinforcing steel, seal course, precast box sections, and other incidentals necessary to complete the work, including wingwalls, aprons and soil savers. Quantities shown are for information only. Flapgates are not included in this bid item, but are paid for as a separate bid item.

CONDUIT RACEWAY: The conduit raceway running under the median of the KTA shall not be replaced.

DOWNSTREAM RIPRAP: The downstream riprap has had extensive grouting done. Remove all of the grouted riprap and fill back with approved soils and methods.

EXISTING GUARDRAIL: The existing guardrail shall be salvaged to the KTA maintenance facility at the Eastern Terminal US-54/Kellogg Avenue Interchange, Exit 50.

PERMANENT BARRIER: When placing the permanent barrier back to its original position, a closure pour may be necessary and shall be included in other items of work. If a closure pour is required, the Contractor shall submit detailed shop drawings with the proposed construction to the Engineer.

CONSTRUCTION STAGING: Construction staging shall be allowed on the KTA right-of-way per the agreement between the Contractor and the KTA.

LANE CLOSURES: Lane closures shall be allowed between 9:00am and 3:30pm at the approval of the Engineer. Prior to closing a lane the Contractor must submit the proposed traffic control to the Engineer a minimum of 3 working days in advance of the closure.

ASPHALT MILLINGS: All Asphalt Millings shall be salvaged to the City of Wichita Storm Water maintenance yard. Contact Doug Arvidson (316-268-4095) or Scott Lindebak (316-268-4545) for additional information."

EXISTING SIGNS: Existing Signs shall be removed, stored, and reset as required by construction. If the sign is damaged during removal, storage or resetting, the Contractor shall replace the sign in like kind without compensation. All costs to remove, store, and reset the existing signs shall be Subsidiary to other items.

CONTRACTOR AGREEMENT: The Contractor shall contact the KTA (Jon Potter) prior to construction to obtain a "KTA Highway Permit" from the KTA. This permit MUST be visible during all phases of construction.

Jon Potter - (316) 682-4537

ASPHALT MIX DESIGN: Asphalt Mix Designs for BM-1 and BM-2 shall meet all the requirements of the current version of the KDOT Specifications.

ROCK BASE: The 8" reinforced crushed rock base shall meet the City of Wichita Standard specifications. The 6" aggregate base course, if used, shall meet current KDOT AB-3 Specifications.

REINFORCING STEEL: All Reinforcing Steel shall be epoxy coated, per the "Summary of Quantities" table on sheet 18. The epoxy coated reinforcing steel will not be paid for separately, but shall be considered Subsidiary to the Bid Item "RFBB (3-16'x12') (Sta. 4574+35).

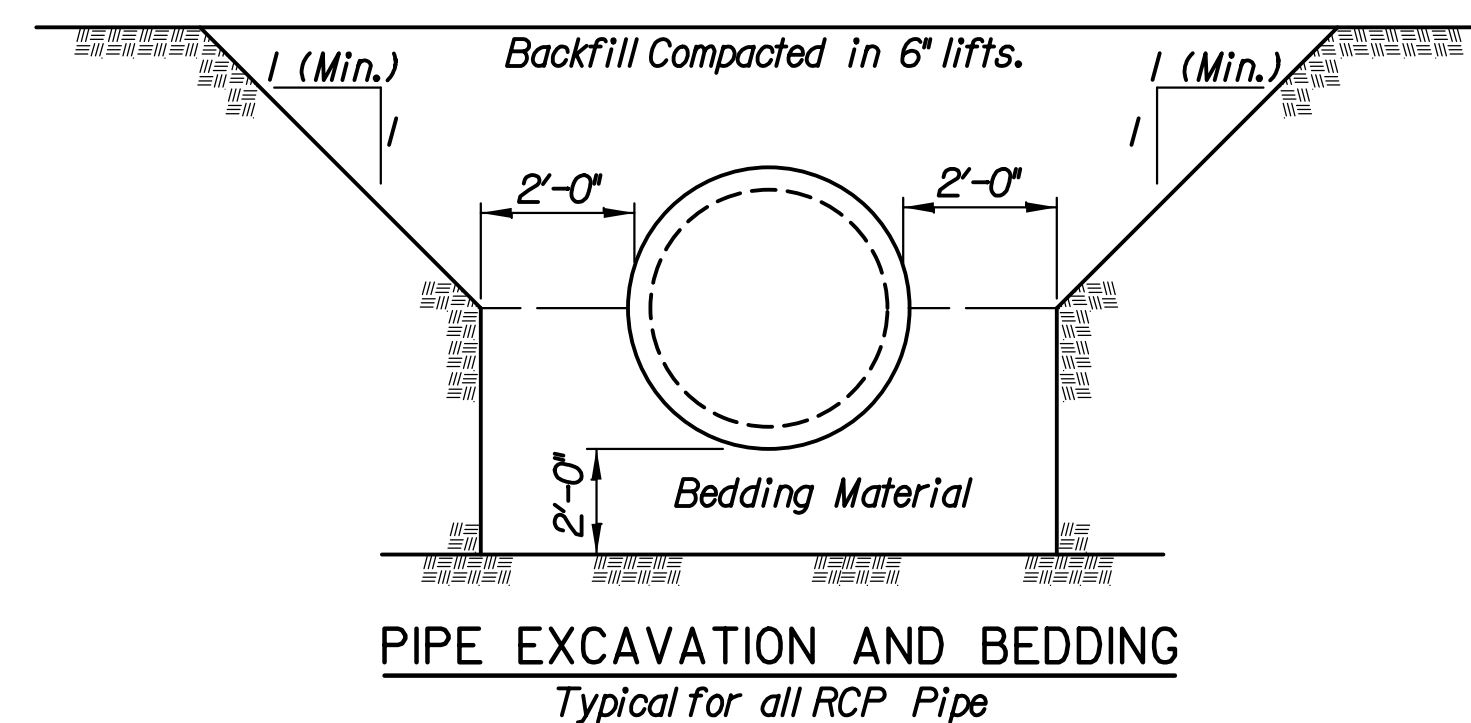
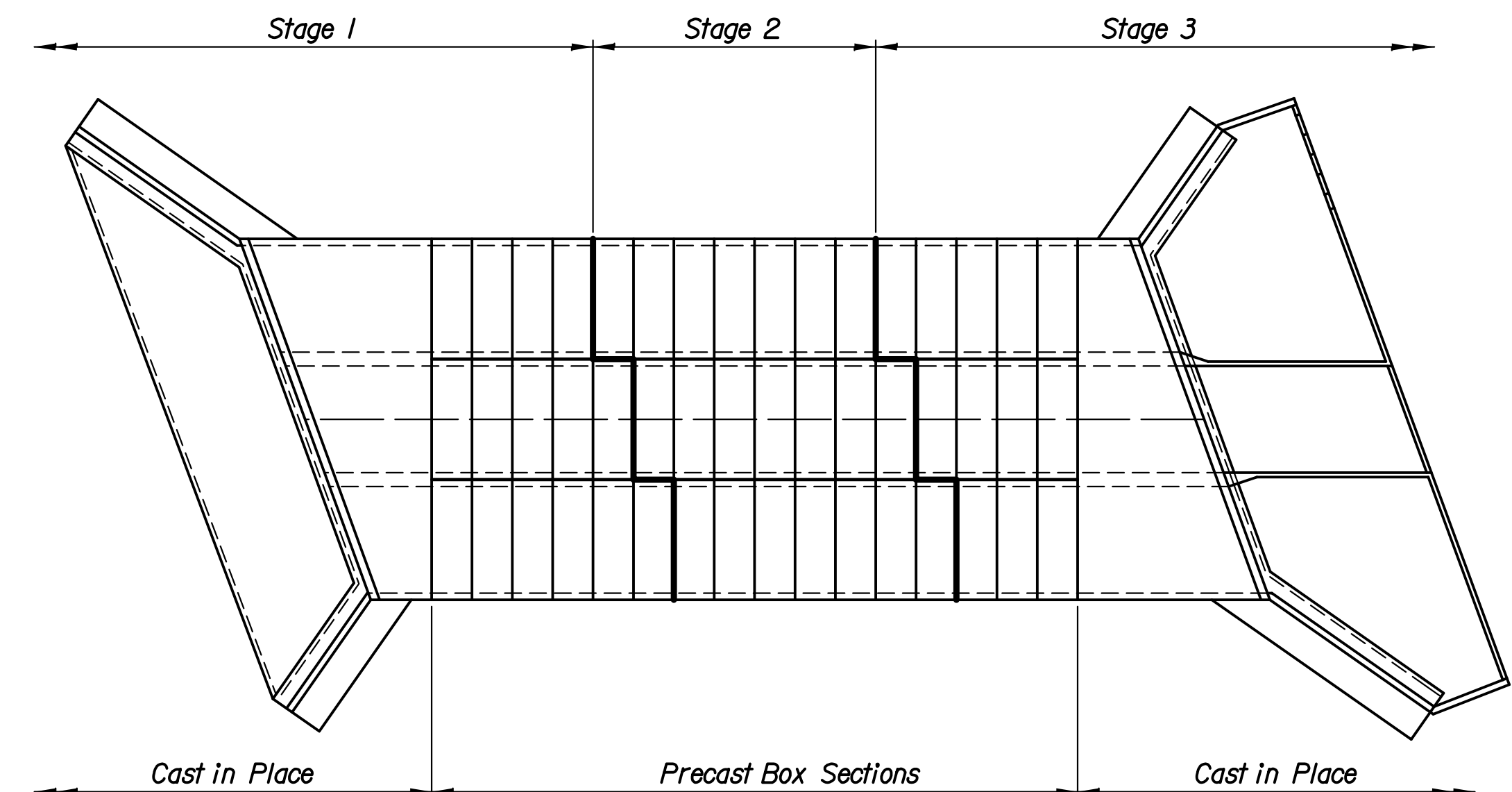
PRECAST NOTES

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.



NOTE: Bedding material shall comply with KDOT specifications. Use non-granular bedding material. All backfill will comply with 95% standard density compaction. All excavation, bedding material and compaction are considered subsidiary to the bid item "Excavation"

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Revision		By	Date
KTA AT BIG SLOUGH			
GENERAL NOTES			
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Designed by	R.A.S.	Job No.	10291
Drawn by	C.W.P.-J.	Date	August, 2011
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