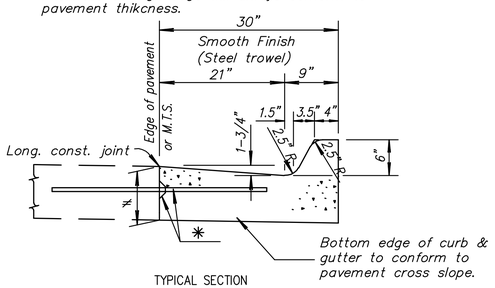
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0361-01	2011	26	169

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

LINCOLN STREET BRIDGE AND DAM IMPROVEMENTS OVER ARKANSAS RIVER

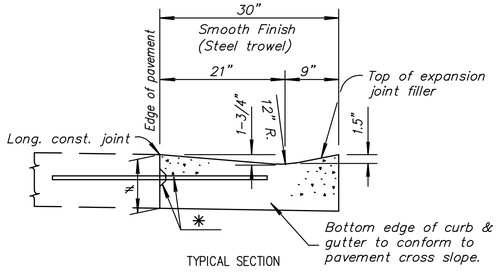
✳ *Longitudinal construction joint and #5 x 36" bars @ 30" ctrs., where concrete pavement is constructed.*

≠ *Thickness at High edge will always conform to pavement thikcness.*



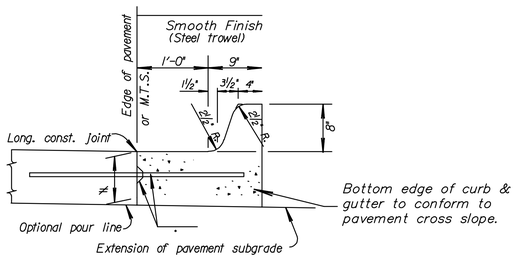
TYPICAL SECTION

COMBINED CURB & GUTTER TYPE I (30" WIDTH)



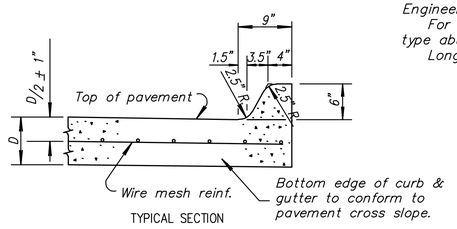
TYPICAL SECTION

COMBINED CURB & GUTTER TYPE II (30" WIDTH)



TYPICAL SECTION

COMBINED CURB & GUTTER – TYPE III



TYPICAL SECTION

6" EDGE CURB (MONOLITHIC)

Note: "D"= Pavement thickness

Planes of weakness are to be constructed over the contraction joints in the concrete pavement.

A 1" premoulded Expansion Joint Filler (Nonextruding, Type B) cut to the dimensions of the Edge Curb shall be used over the expansion joints in the concrete pavement.

GENERAL NOTE

Combined curb and gutter or gutter adjoining concrete pavement may, at the contractor's option, be poured either monolithically or separately, using either the mix used in the concrete pavement or Class "A" Concrete (AE). The combined curb and gutter or gutter shall have the same section as shown on the plans. If poured monolithically, dowel bars may be omitted from the combined curb and gutter or gutter, but the wire mesh shall be extended to 6" or less from the back of the curb or gutter. Pavement joints shall be continued through curb or gutter and no other planes of weakness will be required. Joints in the combined curb and gutter or gutter are to be filled with the same material as used for the pavement joints.

Expansion joints in the combined curb and gutter are to be placed opposite expansion joints in the pavement.

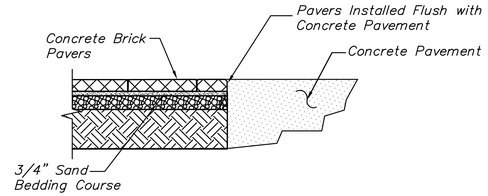
Where combined curb and gutter or gutter does not abut concrete pavement or concrete base course, omit tie bars and longitudinal construction joint and place a 1" premoulded Expansion Joint Filler (Nonextruding, Type B) cut to the dimensions of the combined curb and gutter or gutter, at a spacing not to exceed 250' and at the ends of curb returns. Where combined curb and gutter or gutter is adjacent to bituminous construction, planes of weakness shall be constructed at 20' intervals.

A 4' length of transition from normal gutter section to the tapered gutter section shall be used at the ends of each run of gutter except where the gutter abuts a curb, such as at the end of a bridge. Inlets shall be located so as not to fall within this transition section.

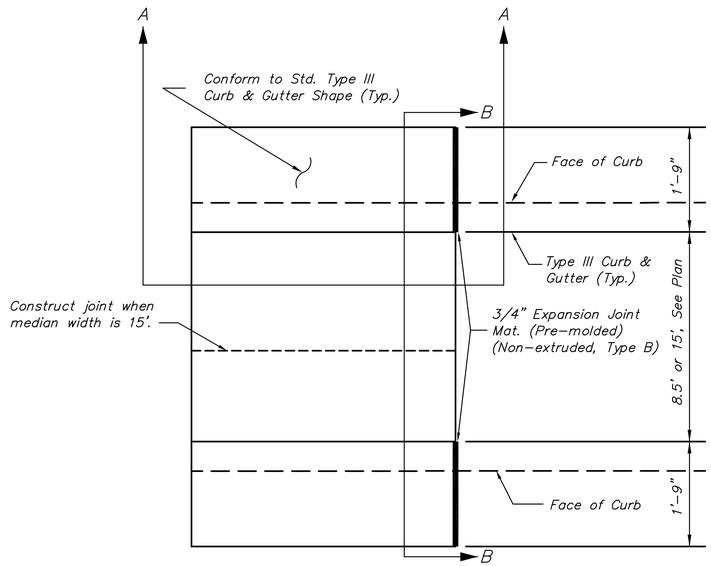
Where pressure relief joint (Urethane Foam) is placed across the pavement, and gutter or curb and gutter is continued on for more than 10', use Type B, nonextruding, joint filler through gutter section, shaped to fit gutter or curb and gutter. Material may be solid Type B, approximately 4" thick, or other thickness pieces (Type B), bonded together with cold mastic or other material, as approved by the Engineer.

For expansion joint treatment where combined curb and gutter or gutter abuts a bridge wing on a U type abutment see bridge drawings.

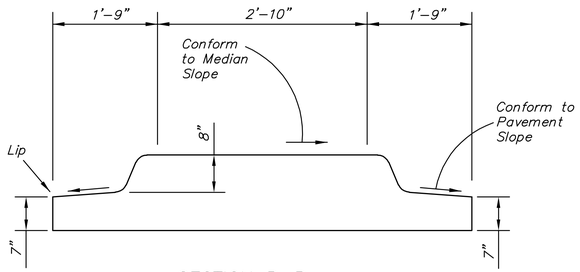
Longitudinal joints shall be sawed and sealed with joint sealant. See Special Provisions for type.



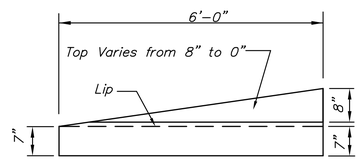
PAVER ABUTTING CONCRETE DETAIL



PLAN

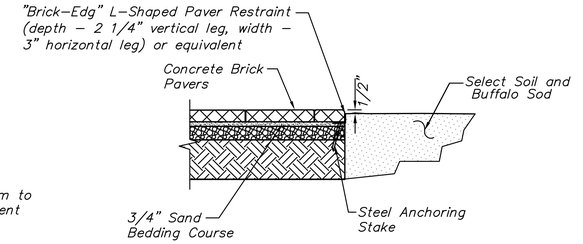


SECTION B–B

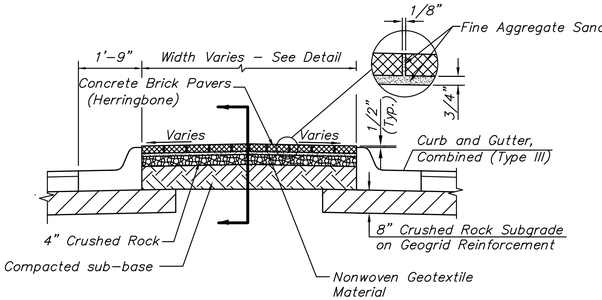


SECTION A–A

CONCRETE MEDIAN NOSE



PAVER ABUTTING SOD DETAIL



PAVING BRICK MEDIAN DETAIL

MISCELLANEOUS CONCRETE PAVING DETAILS

SHEET TITLE

472-84883
PROJECT NUMBER

JRA
DESIGN BY
JSB
DRAWN BY
JRA
CHECKED BY

ISSUED
1/24/2011
REVISED

SHEET NO.
26 of 169

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PLOTTED: Tuesday, January 25, 2011 @ 08:52AM