

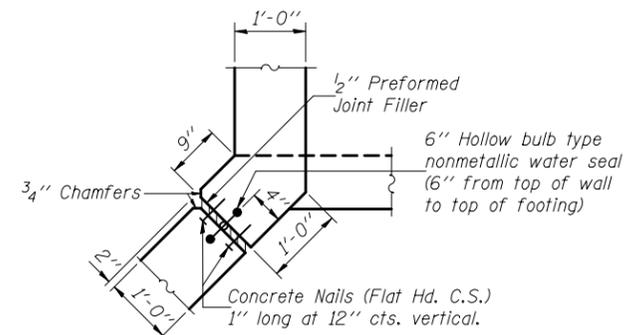
**PLAN - TOP SLAB**

Junction Boxes attached to structure. See Lighting Plan for location and details of boxes and conduits.

1"  $\phi$  PVC conduit embedded in wall. See Lighting Plan.

2- #5  $v_2(E)$  bars (Lap with  $v_3(E)$  bars) Ea. corner

Notes: Bars indicated thus 12 x 2- #4 etc. indicates 12 lines of bars with 2 lengths per line. See sheet 7 of 9 for bar details & Bill of Material. See sheet 8 of 9 for bar splicer details.



**CORNER DETAIL**

Nonmetallic water seal, concrete nails and 1/2" preformed joint filler shall be included with the cost for Concrete Box Culverts.

**MIN. BAR LAP**

#4 bar = 2'-1"  
#5 bar = 2'-7"

DESIGNED - PEC/ADY	EXAMINED - <i>Joanne F. [Signature]</i>	DATE - OCTOBER 4, 2013
CHECKED - ADY/PG	ACTING ENGINEER OF BRIDGE DESIGN	
DRAWN - h.t. duong	PASSED - <i>Carl [Signature]</i>	REVISED
CHECKED - ADY/PG	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS  
STRUCTURE NO. 046-2552**

SHEET NO. 5 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(140)BR, BR-1 & I(1)	KANKAKEE	183	124
CONTRACT NO. 66750				

ILLINOIS FED. AID PROJECT