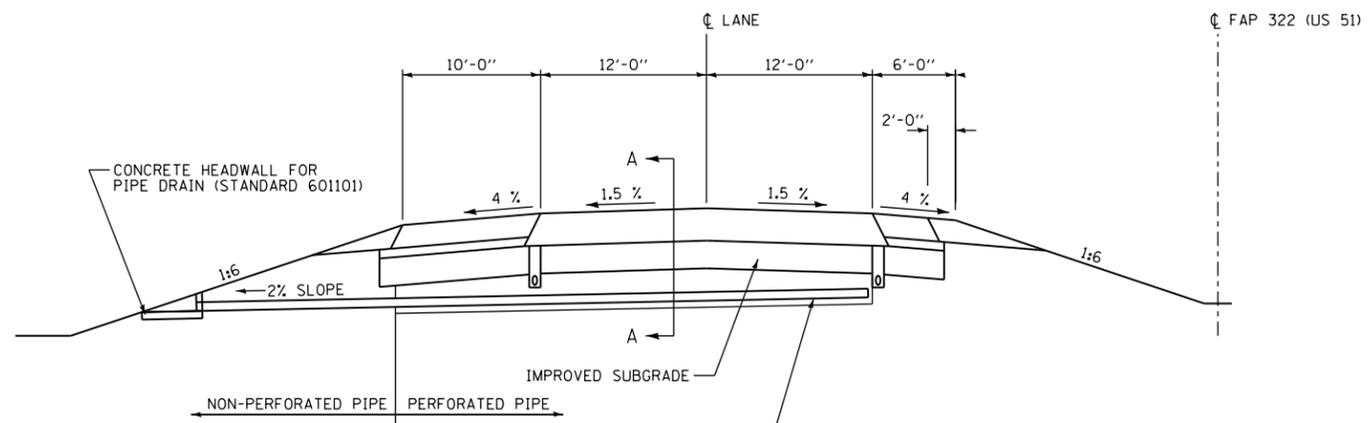
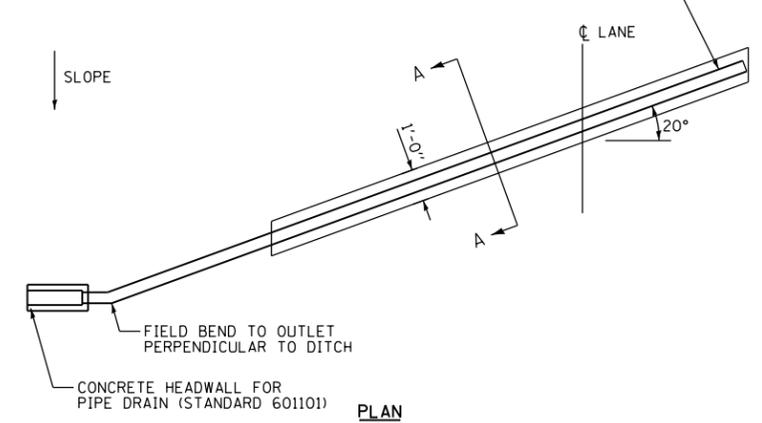


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	287
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

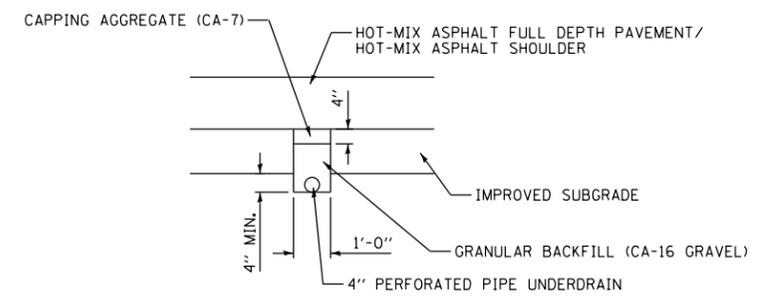


CROSS SECTION

NOTES: DIMENSIONS SHOWN ARE AT RIGHT ANGLES TO CL
NOT TO SCALE



PLAN



SECTION A-A

GENERAL NOTES

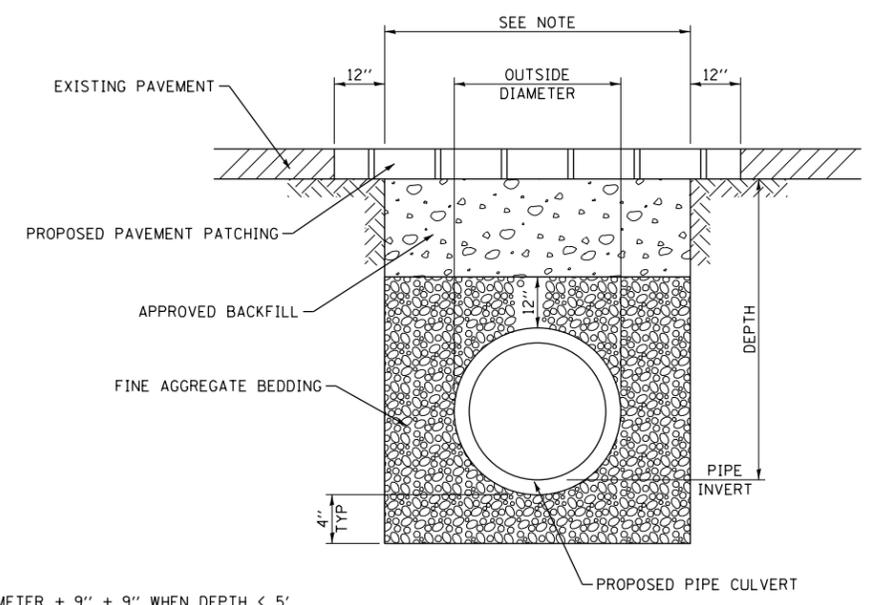
TRANSVERSE DRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO FABRIC ENVELOPE IS REQUIRED ON PERFORATED PIPE AND THE GRANULAR BACKFILL GRADATION SHALL BE CA-16 GRAVEL.

ALL MATERIALS WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE COST PER FOOT FOR THE PAY ITEM "PIPE UNDERDRAINS 4" (SPECIAL)".

SKEW THE TRANSVERSE DRAIN 20° FORWARD IN THE DIRECTION OF FLOW.

PIPE UNDERDRAINS MAY BE DELETED WITHIN ROCKFILL AREAS WHERE TRANSVERSE DRAINS ARE INSTALLED.

TRANSVERSE DRAIN - TANGENT PAVEMENT



DETAIL OF TRENCH EXCAVATION, PAVEMENT REMOVAL, PAVEMENT PATCHING, AND BACKFILL UNDER EXISTING PAVEMENT

NOTE:
WIDTH = OUTSIDE DIAMETER + 9" + 9" WHEN DEPTH < 5'
WIDTH = OUTSIDE DIAMETER + 18" + 18" WHEN DEPTH > 5'

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS -
TRANSVERSE DRAINS
FAP 322 (US 51)
SECTION 11-13
CHRISTIAN COUNTY

SCALE: None DRAWN BY SEB
DATE CHECKED BY

10/5/2012

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