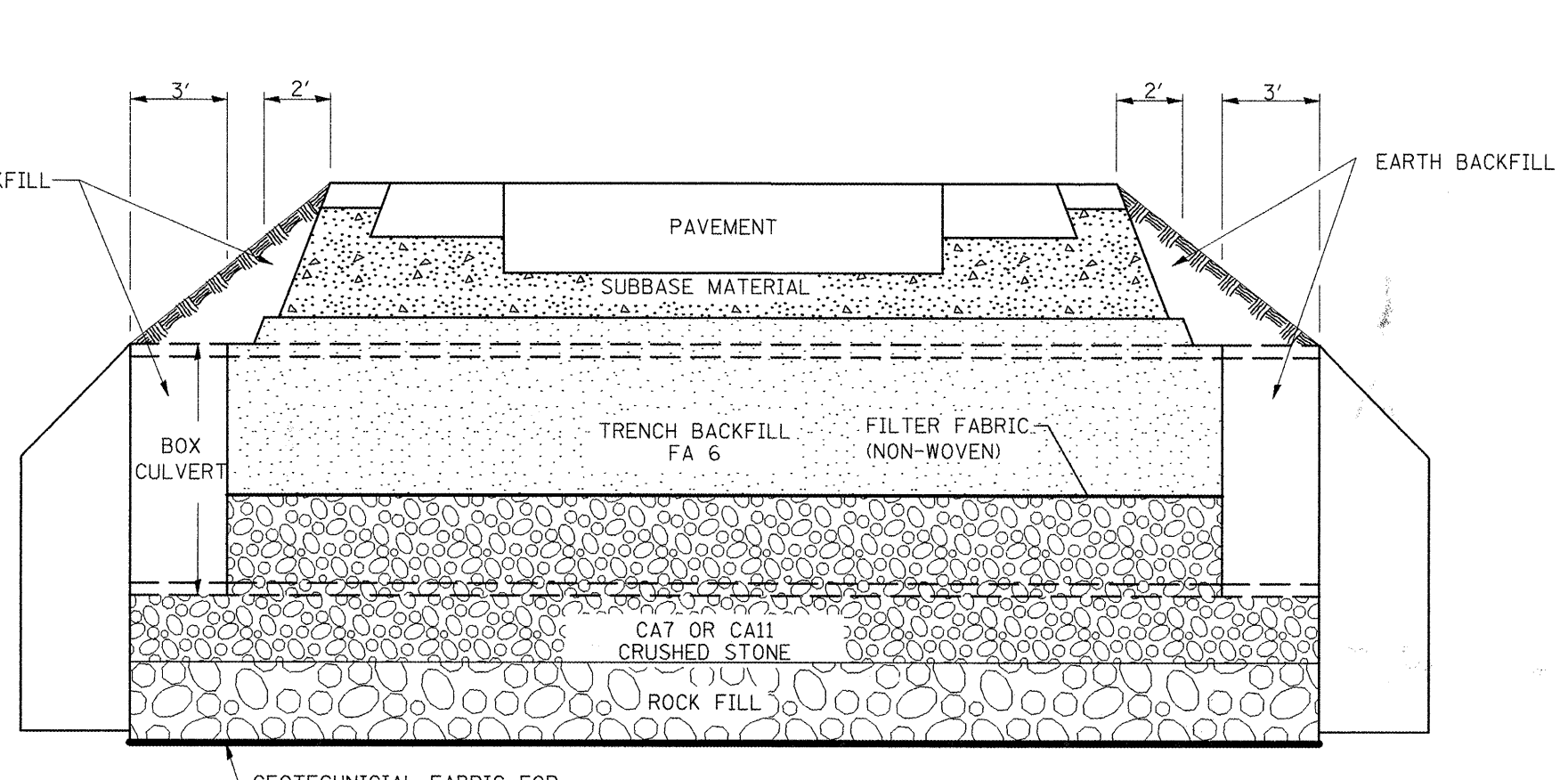
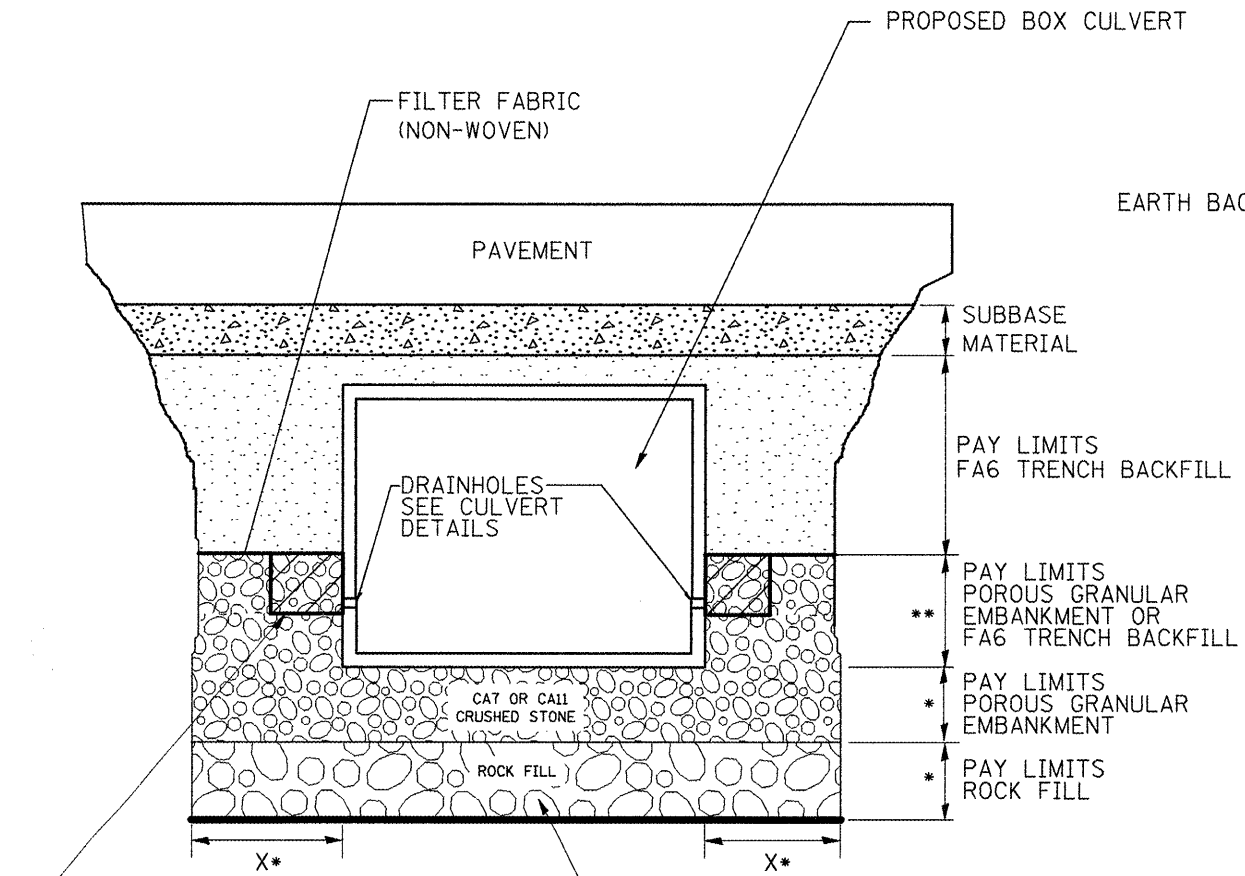


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 665	*	FULTON	76	54
MKD. IL 116				

* 142 RS-6; 143[RS-4, (C-3)BR]; 142X(C-1)I

ROADWAY PROFILE VIEW

ROADWAY CROSS SECTION VIEW



NOTES:

- EXCEPT AS SPECIFIED IN THIS DETAIL, THE PLACEMENT AND COMPACTION OF BACKFILL SHALL BE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS.
- TRENCH BACKFILL SHALL BE COMPACTED BY EITHER METHOD 2 OR METHOD 3 SPECIFIED IN ARTICLE 550.07, OR IN ACCORDANCE WITH METHOD 1 SPECIFIED IN ARTICLE 550.07, EXCEPT THAT THE COMPACTED LIFTS SHALL NOT EXCEED 8" IN THICKNESS. TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% OF STANDARD LAB DENSITY.
- IF NO UNDERCUT IS REQUIRED, A 6" MINIMUM LAYER OF POROUS GRANULAR EMBANKMENT SHALL BE PLACED BELOW THE ELEVATION OF THE BOTTOM OF PRECAST BOX CULVERTS AS SPECIFIED IN ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS.

DESIGNER NOTES:
2. THIS DETAIL IS MEANT FOR CONSTRUCTING BOX CULVERTS THROUGH EXISTING EMBANKMENTS.
3. USE THE DISTRICT SPECIAL DETAIL FOR UNSUITABLE EXCAVATION TREATMENT FOR CULVERTS TO SHOW THE UNDERCUT DIMENSIONS.

2' x 2' x 2' DEPOSIT OF CA 5, 7, OR 11 IN FABRIC ENVELOPE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS (TYPICAL)

- * SEE UNDERCUT DETAIL FOR DEPTHS AND WIDTHS. IF THERE IS NO UNDERCUT, X = 2 FEET AND SEE NOTE 3 THIS SHEET.
- ** EXTEND THE POROUS GRANULAR EMBANKMENT TO THE TOP OF THE DRAINHOLE FILTER FABRIC ENVELOPES. IF THE BOX CULVERT DOES NOT HAVE DRAINHOLES, THEN BEGIN PLACING TRENCH BACKFILL AT THE BOTTOM OF THE CULVERT.

All dimensions are in inches (millimeters) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION		
SPECIAL DETAIL SHEET		
DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS		
SCALE: NOT DRAWN TO SCALE	DRAWN BY HZS	
DATE 9-11-2007	CHECKED BY	

DATE	REVISIONS	BY