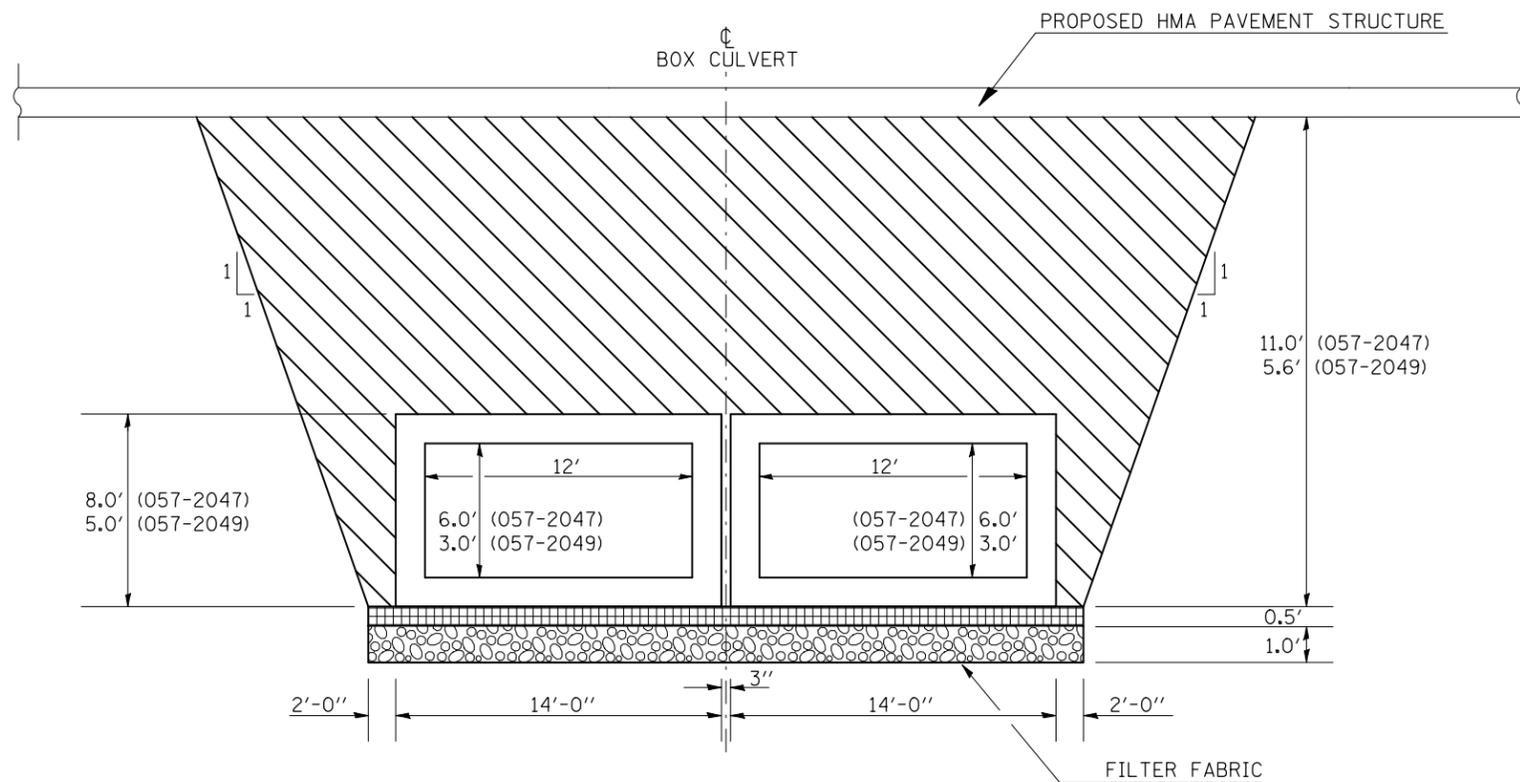
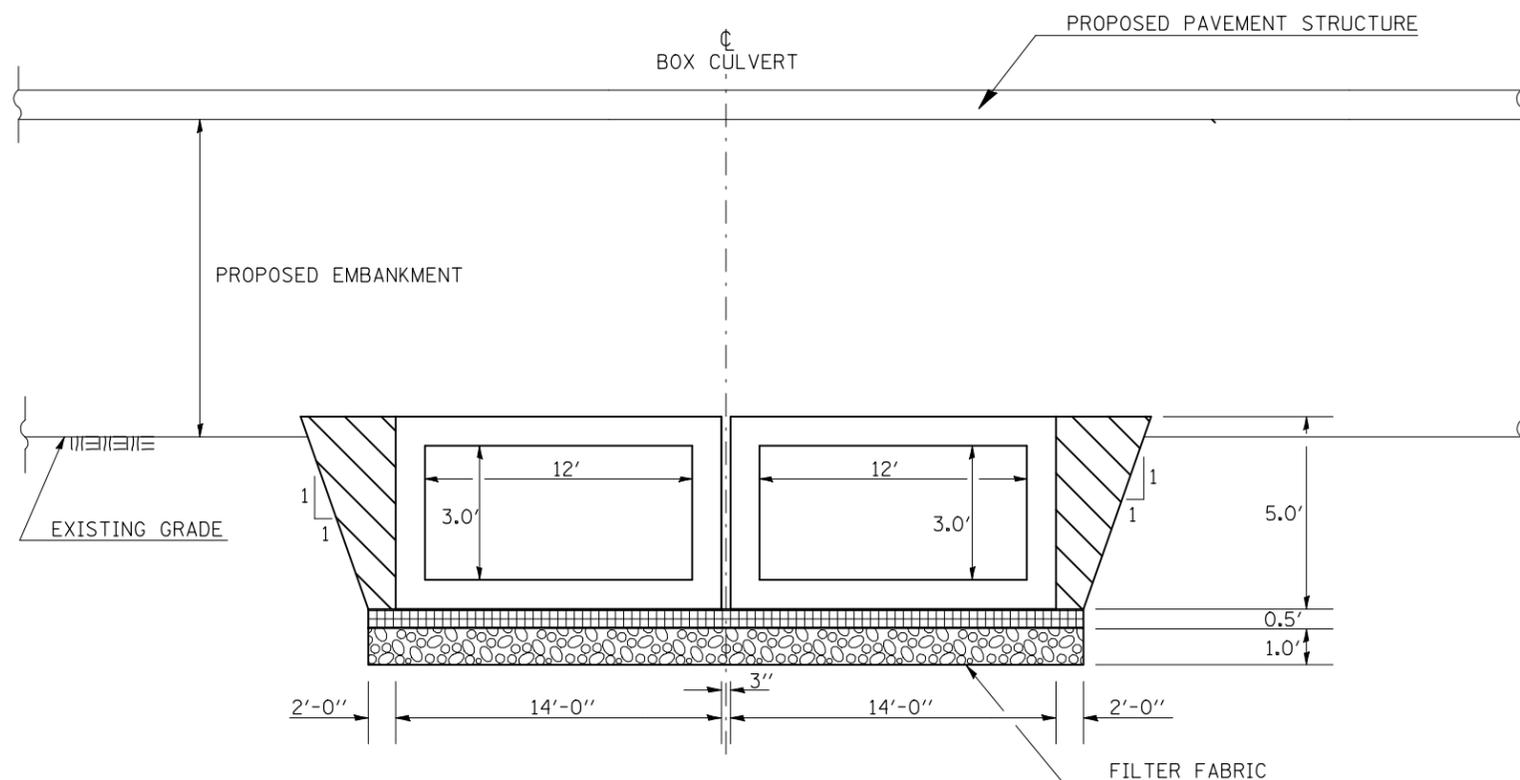


STR. NO. 057-2047 & 057-2049

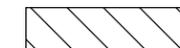


STR. NO. 057-2048



NOTES:

1. POROUS GRANULAR EMBANKMENT SHALL EXTEND 2'-0" BEYOND THE AGGREGATE OR EARTH SHOULDER.
2. WORK SHOWN IN THIS DETAIL SHALL BE PERFORMED ACCORDING TO THE APPLICABLE PORTIONS OF ARTICLES 207 AND 540 OF THE STANDARD SPECIFICATIONS AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR POROUS GRANULAR EMBANKMENT.
3. THE AREA TO BE EXCAVATED FOR THE PROPOSED BOX CULVERTS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR STRUCTURE EXCAVATION.
4. THE 3" SPACE BETWEEN THE BOXES SHALL BE FILLED ACCORDING TO ARTICLE 540.06 AND SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS PAY ITEMS ASSOCIATED WITH BOX CULVERT CONSTRUCTION.
5. ADDITIONAL UNDERCUT MAY BE SPECIFIED AT SOME BOX CULVERTS.
6. THIS DETAIL IS NOT DRAWN TO SCALE.
7. RIPRAP (SPECIAL) INCLUDES THE EXCAVATION OF THE UNSUITABLE MATERIAL. THE FILTER FABRIC SHALL BE PAID FOR SEPARATELY. RIPRAP (SPECIAL) SHALL EXTEND 2' BEYOND THE BARREL AND THE APRON FROM BACK TO BACK OF CUTOFF WALLS.



PAY LIMITS OF POROUS GRANULAR EMBANKMENT - CA-6



POROUS GRANULAR MATERIAL - CA 7 (6") INCLUDED IN PAY ITEM FOR BOX CULVERT



RIPRAP (SPECIAL) ON FILTER FABRIC

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED - 07/09 KJT
ct:\pw\work\PWIDOT\KEYSRB\00101441\057052-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/16/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

POROUS GRANULAR EMBANKMENT DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	121R	MCLEAN	87	38
CONTRACT NO. 70592				
ILLINOIS FED. AID PROJECT				