

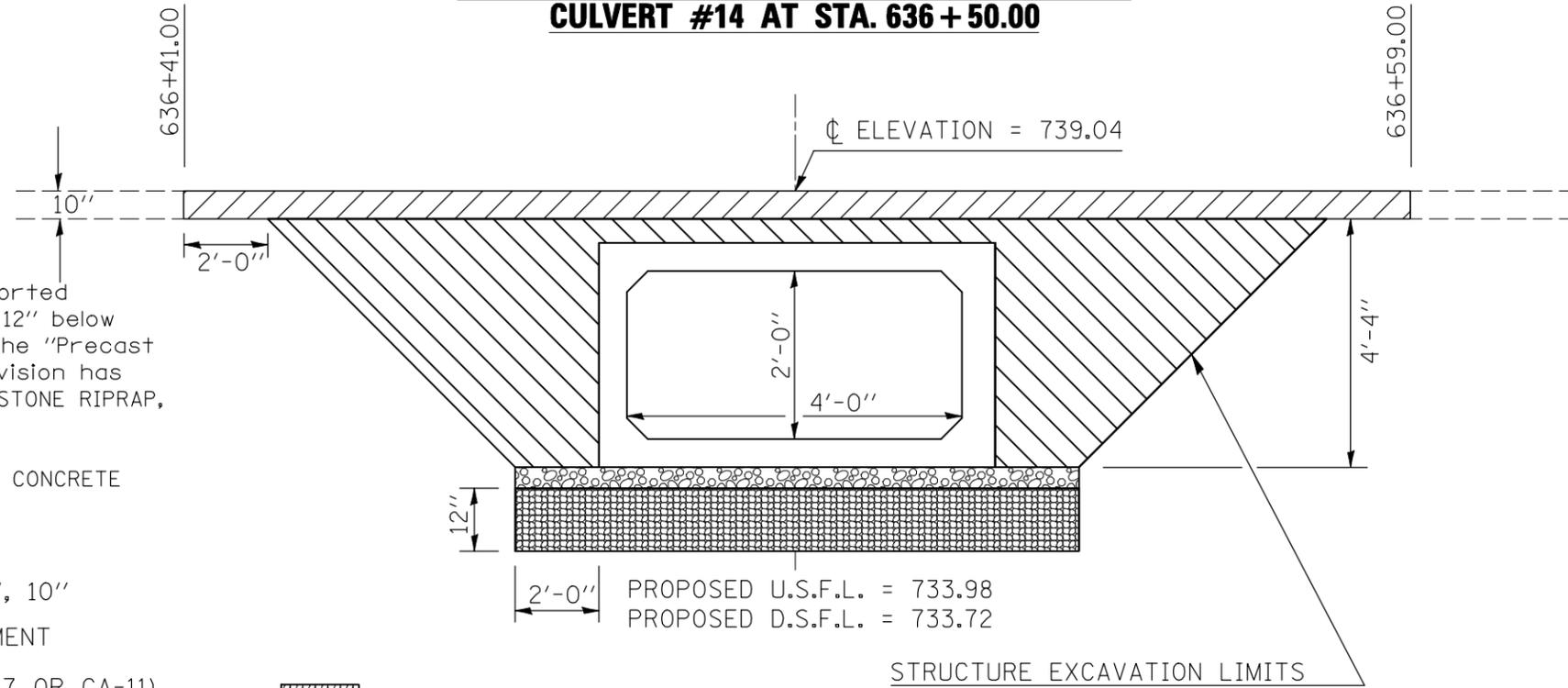
**DETAIL OF POROUS GRANULAR EMBANKMENT
CULVERT #14 AT STA. 636+50.00**

NOTE:

Soil borings indicate that the box culvert will not be adequately supported by the existing soil. An additional 12" below the typical 6" that is outlined in the "Precast Concrete Box Culverts" Special Provision has been included in the pay item for STONE RIPRAP, CLASS A-1

See the Special Provision "PRECAST CONCRETE BOX CULVERTS"

-  CLASS D PATCHES, TYPE IV, 10"
-  POROUS GRANULAR EMBANKMENT
-  BOX CULVERT BEDDING (CA-7 OR CA-11) (INCLUDED IN PAY ITEM FOR PRECAST CONCRETE BOX CULVERT)



PROPOSED U.S.F.L. = 733.98
PROPOSED D.S.F.L. = 733.72

 STONE RIPRAP, CLASS A1

STRUCTURE EXCAVATION LIMITS

DETAIL NOTE:

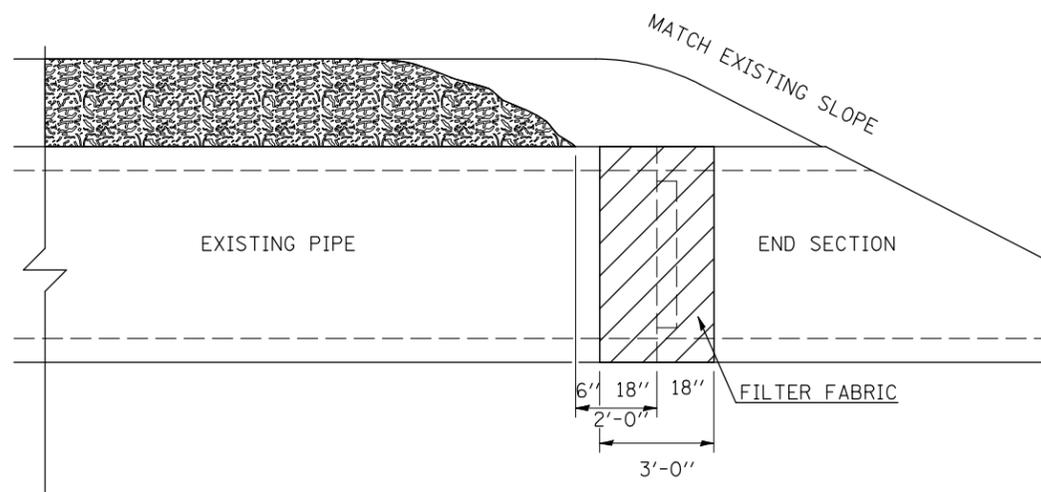
Porous Granular Embankment shall extend to the end of the box culvert.

Work shown in detail shall be done according to the applicable portions of article 209 and article 540 of the Standard Specifications.

The area to be excavated for the proposed box culvert shall be measured and paid for at the contract unit price per cubic yard for STRUCTURE EXCAVATION.

This work shall be paid for at the contract unit price per cubic yard for POROUS GRANULAR EMBANKMENT

DETAIL OF END SECTION JOINT SEALING



DETAIL FOR SEALING END SECTION

1. EXCAVATE END SECTION AND 24" OF EXISTING PIPE
2. CLEAN BELL OF END SECTION AND SPIGOT OF EXISTING PIPE
3. LEVEL END SECTION AND RE-APPLY MASTIC
4. SEAT END SECTION AND SEAL
5. WRAP OUTSIDE OF PIPE WITH LIGHT COAT OF MASTIC AND FILTER FABRIC
6. COVER END SECTION AND MATCH EXISTING SLOPE

JOINT SEALING WILL BE PAID AT THE CONTRACT UNIT PRICE FOR JOINT SEALER, PER FOOT. EXCAVATION REQUIRED TO UNCOVER THE END SECTION, AND GRADING TO REBURY AND GRADE THE END SECTION WILL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR JOINT SEALER. FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR FILTER FABRIC, PER SQUARE YARD.

ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE WORK SHALL BE CONSIDERED TO BE INCLUDED IN

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF POROUS GRANULAR EMBANKMENT AT CULVERT # 14 DETAIL OF END SECTION JOINT SEALING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bucklesjj\d0170848\0570507-sht-details.dgn	DRAWN -	REVISED -	315			*	McLean	115	64	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	*101,102X,RS-2 & 55RS-PRK LN			CONTRACT NO. 70507				
PLOT DATE = 12/9/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE:						SHEET NO.	OF SHEETS	STA.	TO STA.	