



DRAWING NOT TO SCALE.

LEGEND	
	POROUS GRANULAR EMBANKMENT
	POROUS GRAN. MTRL. (CA-7 OR CA-11)
	STONE RIPRAP, CLASS A1

TOTAL BILL OF MATERIAL

Item	Unit	Total
Porous Granular Embankment	Cu.Yd.	165.0
Stone Riprap, Class A1	Sq.Yd.	252.0

DETAIL NOTE(S):

- ① Porous Granular Embankment shall extend 2 ft. beyond the aggregate shoulder.
- ② Work shown in detail shall be done according to the applicable portions of article 209 and article 540 of the Standard Specifications.
- ③ This work shall be paid for at the contract unit price per cubic yard for POROUS GRANULAR EMBANKMENT.
- ④ The area to be excavated for the proposed box culvert shall not be measured for payment. The cost shall be considered as included in the cost of the precast concrete box culverts and box culvert end sections.
- ⑤ STONE RIPRAP, CLASS A1 SHALL BE USED WHERE A.R. CULVERTS ARE REQUIRED TO BE UNDERCUT DUE TO UNSTABLE SOIL CONDITIONS.
- ⑥ WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 281 AND SECTION 282 OF THE STANDARD SPECIFICATIONS.
- ⑦ THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR STONE RIPRAP, CLASS A1. FILTER FABRIS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE PAY ITEM FOR STONE RIPRAP, CLASS A1.
- ⑧ THE EXCAVATION AND REMOVAL OF THE UNSUITABLE MATERIAL UNDER THE STRUCTURE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE PAY ITEM FOR STONE RIPRAP, CLASS A1.

**POROUS GRANULAR EMBANKMENT DETAIL
SINGLE 10'x5' PRECAST BOX CULVERT
F.A.P. ROUTE 711 - SECTION 115CR
VERMILION COUNTY
STATION 172+31.00, S.N. 092-8086
CULVERT NO. 1**

FILE NAME =	USER NAME = shererjm	DESIGNED - JMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	POROUS GRANULAR EMBANKMENT DETAIL CULVERT NO. 1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\shererjm\0189007\0570617-sht-Details.dgn		DRAWN - JMS	REVISED -		711	115CR	VERMILION	39	15			
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		SCALE: N/A			SHEET NO. 5 OF 8 SHEETS		STA.	TO STA.	
PLOT DATE = 11/16/2010		DATE - 031210	REVISED -		ILLINOIS FED. AID PROJECT							