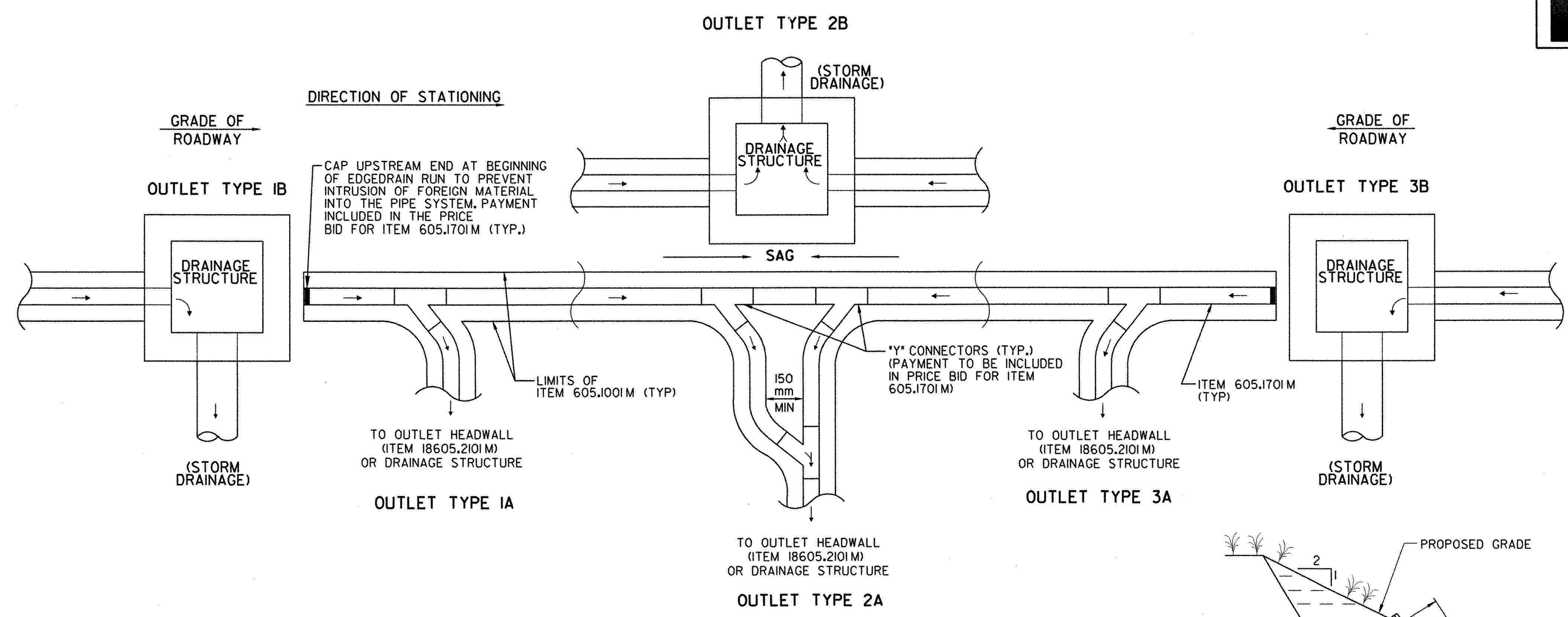


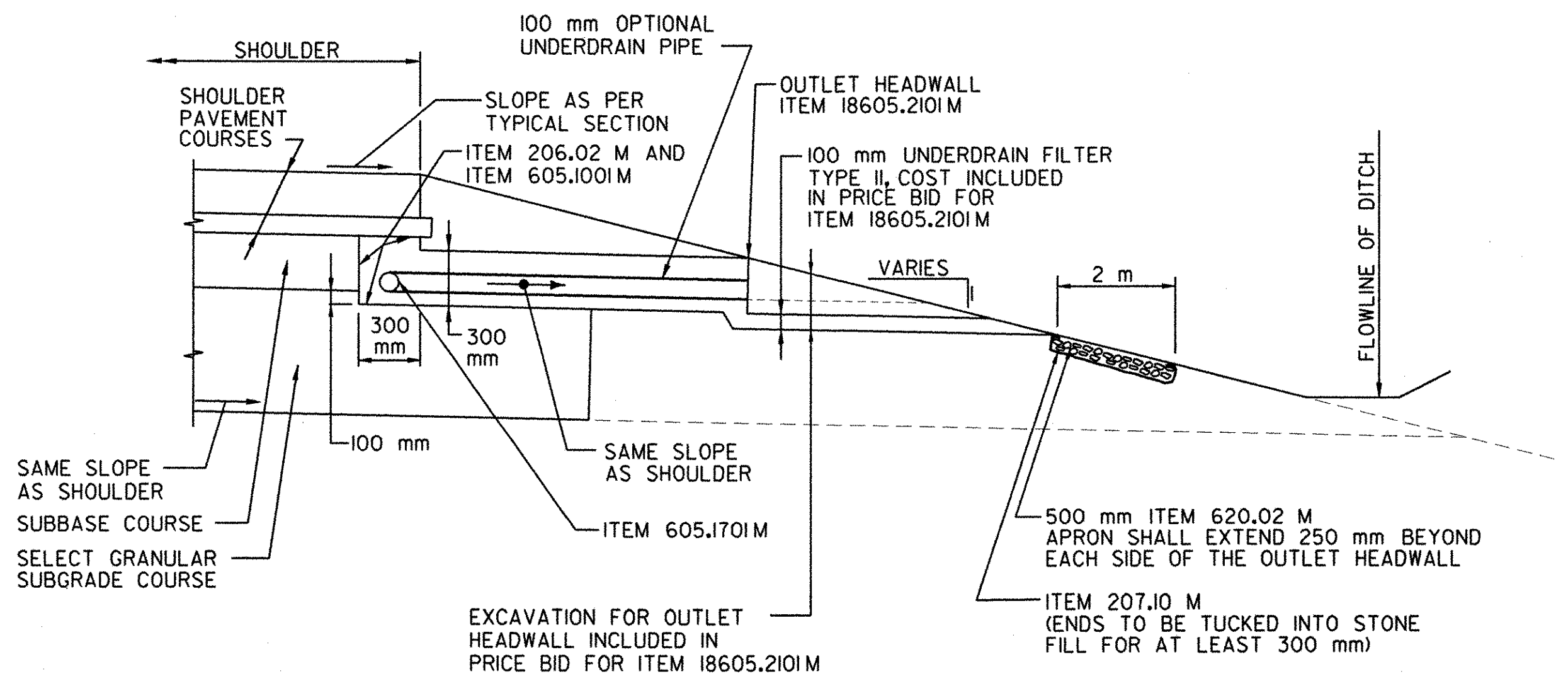
FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	0146001	38	92
BENNINGTON CONNECTOR S.H. 98-2				
P.I.N. 1306.60				
WHITEHOUSE BRIDGE - VERMONT STATE LINE S.H. 1426				
RENSSELAER COUNTY				

FILE NAME = S:\1516\pedget\contract\1\ygd\ludgn  
 DATE/TIME USER = 2/23/2004 12:22:55  
 IN CHARGE OF T. KARRIS  
 DESIGNED BY D. EMERICH  
 CHECKED BY D. EMERICH  
 ESTIMATED BY D. EMERICH  
 CHECKED BY D. GOZALKOWSKI  
 DRAFTED BY C. KAHLBAUGH  
 CHECKED BY C. KAHLBAUGH  
 DATE 2/04  
 CHECKED BY I. BURTNICK



**EDGEDRAIN OUTLET TREATMENTS**

N.T.S.  
(SEE TABLE BELOW FOR LOCATIONS)

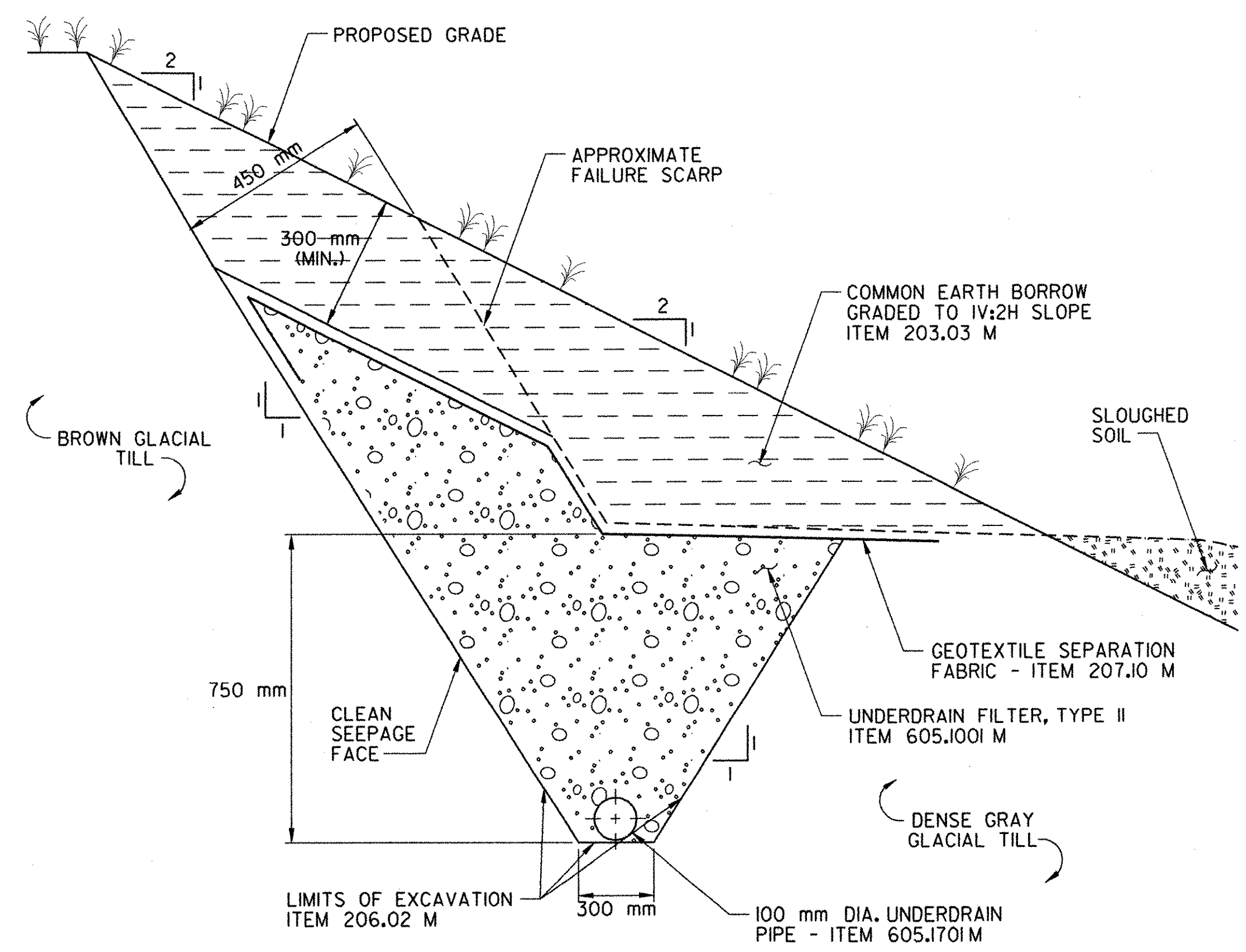


**EDGEDRAIN OUTLET DETAIL**

N.T.S.

**NOTE:**  
EDGEDRAINS SHALL OUTLET INTO DRAINAGE STRUCTURES OR OUTLET HEADWALLS (ITEM 18605.2101M). PAYMENT FOR THE INSTALLATION OF THE BRANCH OUTLETS, INCLUDING EXCAVATION, UNDERDRAIN FILTER MATERIAL, UNDERDRAIN PIPE, AND \*Y\* CONNECTORS, SHALL BE INCLUDED IN THE PRICE BID FOR ITEMS 206.02 M, 605.1001M, AND 605.1701M OF THE LONGITUDINAL EDGEDRAIN RUNS.

EDGEDRAIN OUTLET TREATMENTS			
STATION	OFFSET	OUTLET TYPE	OUTLET TREATMENT
<b>S.H. 1426 &amp; S.H. 98-2</b>			
42+880	LT, RT	3A	ITEM 18605.2101M
42+905	RT	3B	OUTLET IN DR-3
42+958.5	LT	3B	OUTLET IN DR-2
42+958.5	RT	3B	OUTLET IN DR-4
43+090	LT, RT	3A	ITEM 18605.2101M
43+118	LT	2A	ITEM 18605.2101M
43+150	LT, RT	3A	ITEM 18605.2101M
43+160	LT	2A	ITEM 18605.2101M
43+213	LT	2A	ITEM 18605.2101M
43+215	LT, RT	3A	ITEM 18605.2101M
43+400	LT	2A	ITEM 18605.2101M
<b>S.H. 1426 (STEM SECTION)</b>			
143+355	LT, RT	1A	ITEM 18605.2101M
143+425	LT, RT	1A	ITEM 18605.2101M
143+490	LT, RT	1A	ITEM 18605.2101M



**FRENCH DRAIN DETAIL**

N.T.S.  
STA. 43+097, LT TO STA. 43+240, LT  
STA. 43+370, LT TO STA. 43+430, LT

- NOTES:**
- TRENCH MAY BE EXCAVATED FROM TOP OF SLOPE.
  - DRAINAGE PIPE TO DRAIN AT 2% MIN. TO DOWNCHUTE.
  - DRAINAGE CHANNEL MUST BE EXCAVATED 750 mm INTO DENSE GRAY TILL, ESTABLISH POSITION AND ELEVATION OF DOWNCHUTE AND LATERAL PIPE CONNECTION. EXCAVATE INTO GRAY TILL AT A 2% GRADE ALONG STAKED TRENCH LINE.
  - SLOUGHED SOIL TO BE USED AS COVER SOIL.

<b>DRAINAGE DETAILS</b>	SURVEYED BY	C.H.A. & V.S.E.	DATE	12/93	
	DESIGNED BY	D.W.E.	DATE	2/04	
	DRAWN BY	C.A.K.	DATE	2/04	
	CHECKED BY	T.P.K.	DATE	2/04	
	DESIGN FILE NO.	NYDD-LDGN			
	PROJ. NAME	BENNINGTON - HOOSICK D.P.I. 0146(I) C/1			
	PROJ. NO.	P.I.N. 1306.60			
	SHEET	38 OF	92	DWG NO. DD-1	