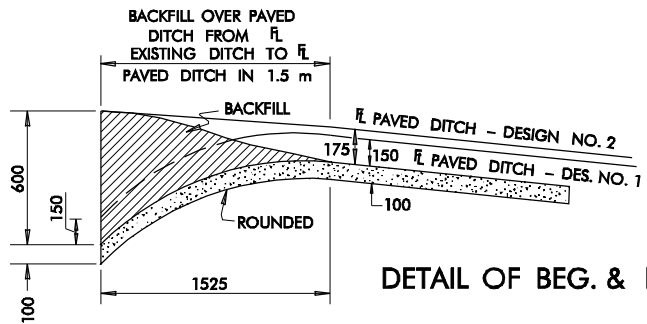
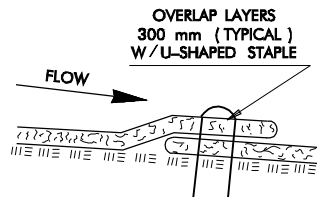


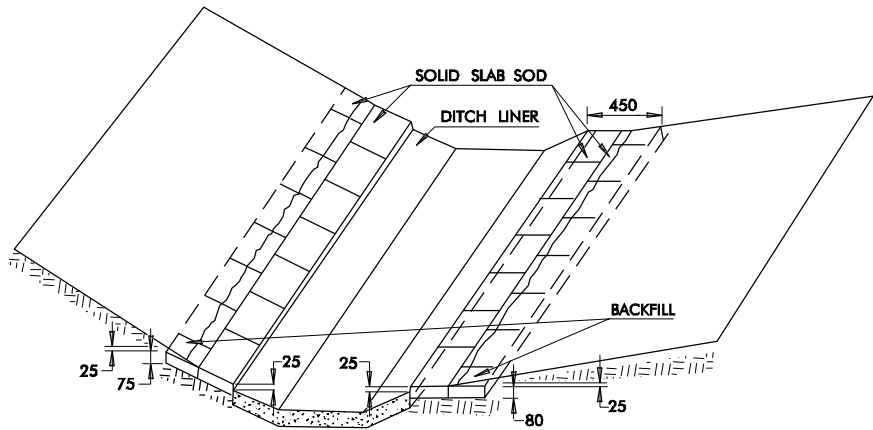
DETAIL OF EXCELSIOR MAT  
OR  
PAPER MAT PLACEMENT  
ALONG CONCRETE DITCH LINER



DETAIL OF BEG. & END



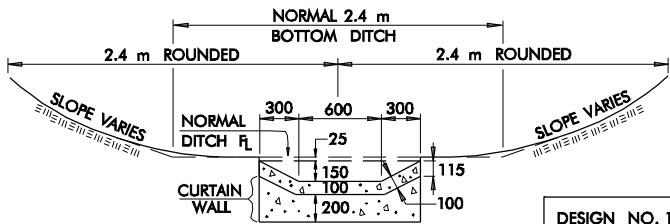
SPLICE JOINT



EXCELSIOR MAT, PAPER MAT, OR SOLID SLAB  
MAY BE USED AS DITCH LINER PROTECTION.

DITCH LINER PROTECTION

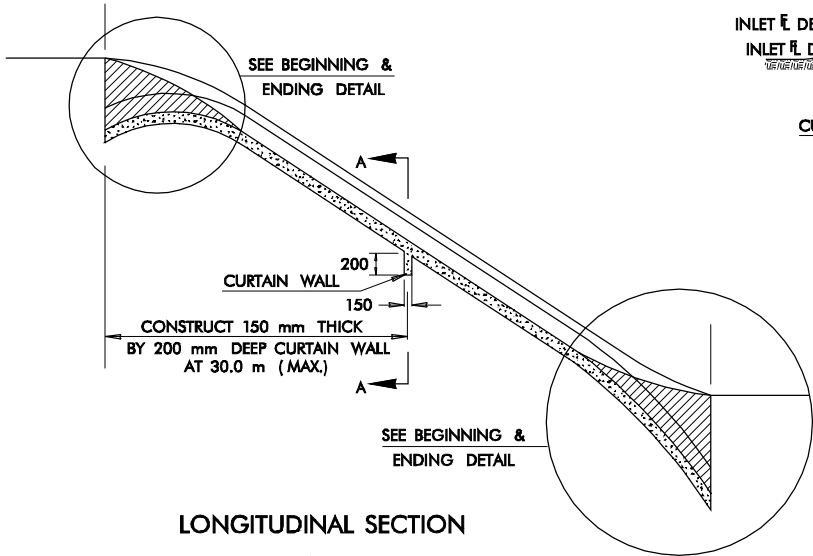
DETAIL OF SOLID SLAB  
SOD PLACEMENT ALONG  
CONCRETE DITCH LINER



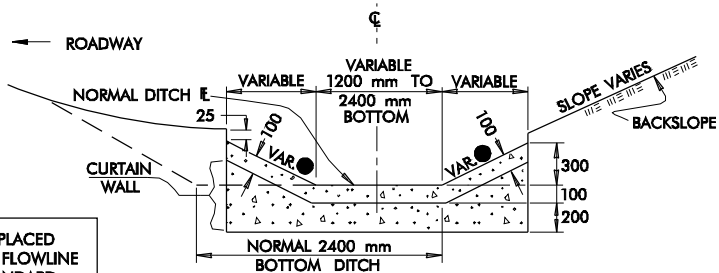
DESIGN NO. 1  
SECTION A-A

DESIGN NO. 1 - A PAVED PILOT DITCH TO BE PLACED  
175 mm BELOW THE NORMAL FLOWLINE  
AND IN THE CENTER OF A STANDARD  
DITCH

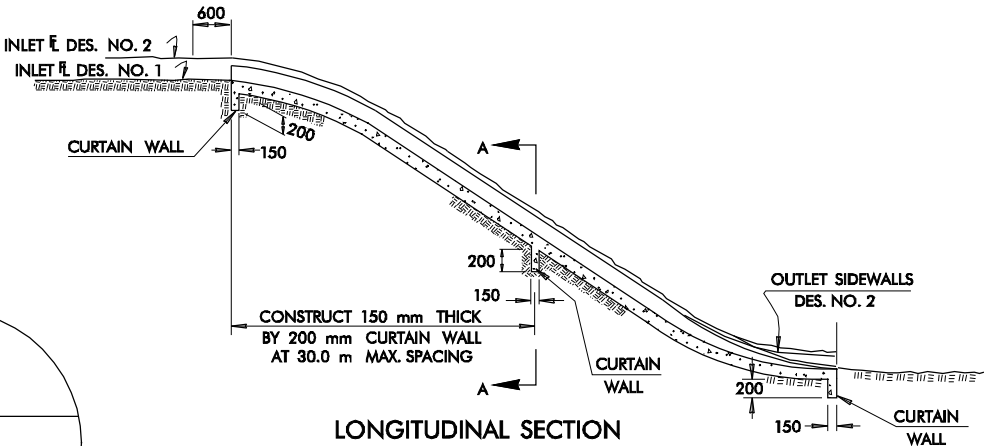
DESIGN NO. 2 - A DITCH THAT IS PAVED AND HAVING  
THE SAME FLOWLINE AS A STANDARD  
UNPAVED DITCH



LONGITUDINAL SECTION  
PAVED DITCH WITH BURIED ENDS



DESIGN NO. 2  
SECTION A-A



LONGITUDINAL SECTION  
PAVED DITCH WITH CURTAIN WALLS AT ENDS

#### GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 1999 METRIC STANDARD SPECIFICATIONS.
- COST OF EXCAVATION TO BE INCLUDED IN PRICE BID FOR CLASS C CONCRETE.
- THE BEGINNING AND END DETAILS OF BURIED ENDS DO NOT APPLY WHERE THE PAVED DITCH TIES TO A STRUCTURE.
- DITCH SHALL BE WATERED AND COMPACTED BEFORE PLACING CLASS C CONCRETE.
- DITCH LINER PROTECTION WILL BE MEASURED BY THE METER (LINEAR), IN PLACE.

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
509.06( D )	CLASS C CONCRETE	CUBIC METER
229.06	DITCH LINER PROTECTION	METER
233.06( E )	EXCELSIOR MAT	SQ. METER

QUANTITIES OF CLASS C CONCRETE PER METER OF PAVED DITCH											
DESIGN NO. 1						DESIGN NO. 2					
WIDTH AT BOTTOM	600 mm	900 mm	1200 mm	1500 mm	1800 mm	1200 mm	1500 mm	1800 mm	2100 mm	2400 mm	
K 1	.124	.154	.184	.214	.244	.310	.340	.370	.400	.430	DES. 2A
K 2	.041	.049	.058	.068	.076	.129	.138	.147	.156	.165	DES. 2B
● VARIABLE AS SHOWN ON PLANS DESIGN 2A = 1 : 3 SLOPES DESIGN 2B = 1 : 2 SLOPES DESIGN 2C = 1 : 1 SLOPES						K1	.254	.284	.314	.344	DES. 2C
						K2	.097	.106	.115	.124	DES. 2C
						K1	.203	.233	.263	.293	DES. 2C
						K2	.064	.073	.082	.091	DES. 2C
TOTAL CLASS C CONC. = ( LENGTH OF PAVED DITCH ) ( K1 ) + ( NO. OF CURT. WALLS ) ( K2 )											
K1 = CUBIC METERS OF CONCRETE PER LINEAR METER											
K2 = CUBIC METERS OF CONCRETE PER CURTAIN WALL											

APPROVED BY ROADWAY ENGINEER		DATE	
OKLAHOMA DEPT. OF TRANSPORTATION ROADWAY STANDARD ( METRIC )			
PAVED DITCHES & FLUMES			
1999 SPECIFICATIONS		DC-2	00M
ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED.			R-103M