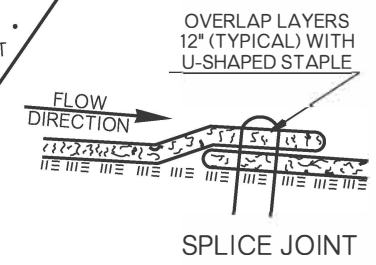
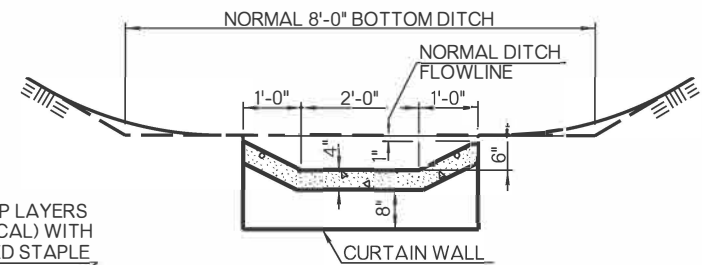


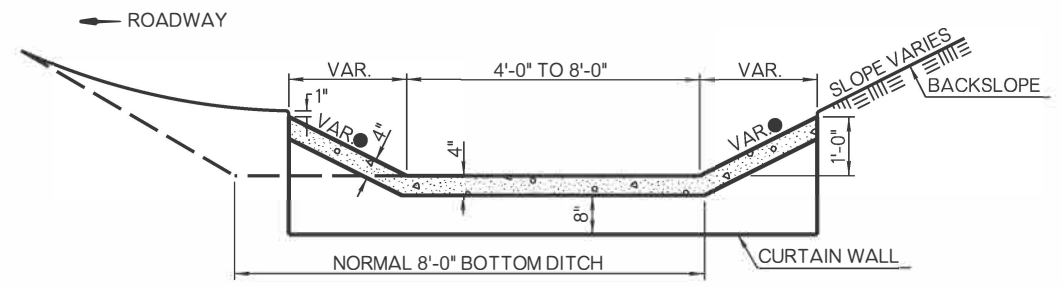
DITCH LINER PROTECTION
(EXCELSIOR MAT OPTION)



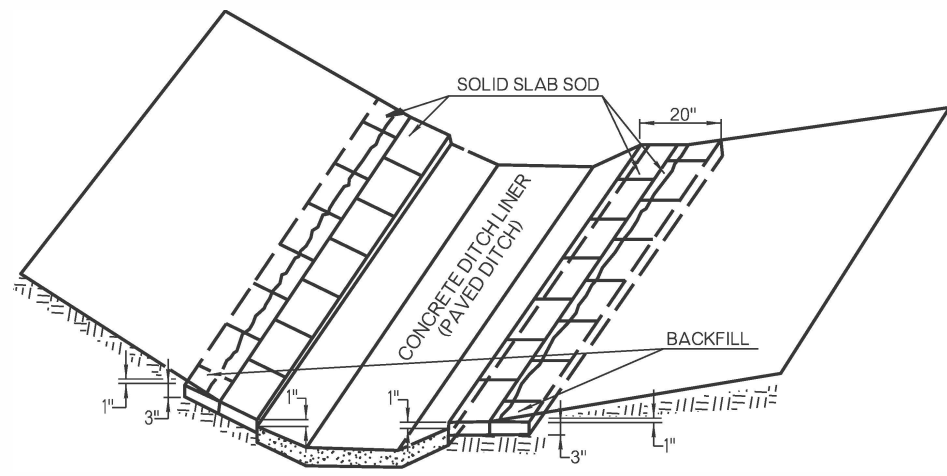
SPLICE JOINT



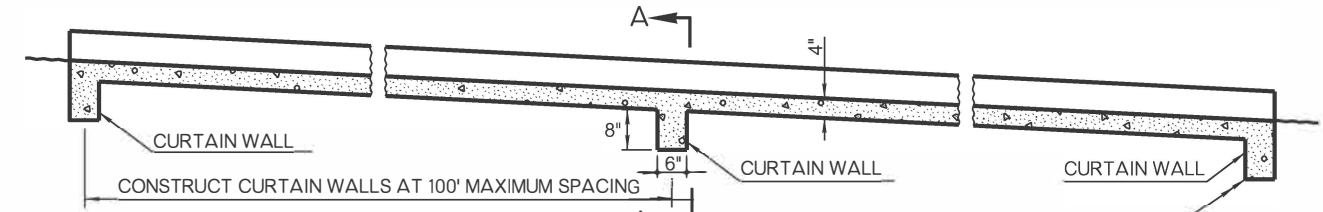
SECTION A - A
DESIGN NO. 1



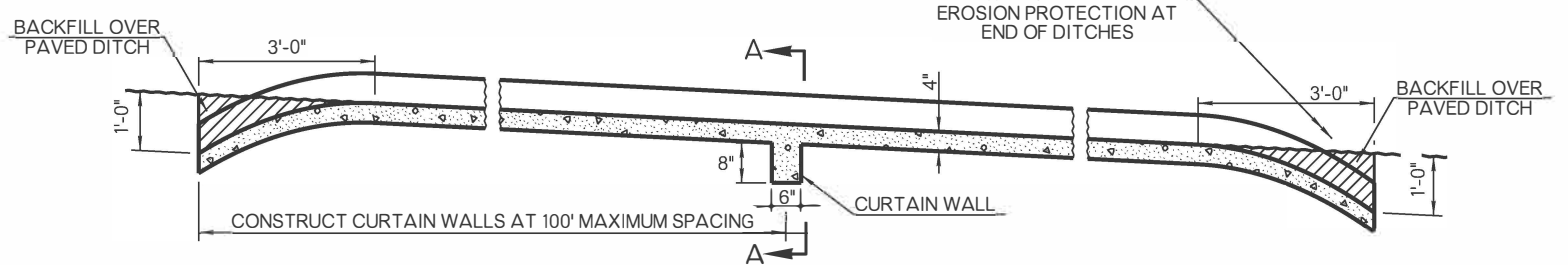
SECTION A - A
DESIGN NO. 2



DITCH LINER PROTECTION
(SOLID SLAB SOD OPTION)



LONGITUDINAL SECTION WITH CURTAIN WALLS



OPTIONAL LONGITUDINAL SECTION WITH BURIED ENDS
(BURIED ENDS SHALL NOT BE USED ADJACENT TO DRAINAGE STRUCTURES)

DESIGN NO. 1 - A PAVED PILOT DITCH TO BE PLACED 6" 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

WHEN NEEDED, THE PLANS WILL SPECIFY ADDITIONAL EROSION PROTECTION AT END OF DITCHES

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2019 ODOT STANDARD SPECIFICATIONS.
2. ALL COST OF ADDITIONAL BORROW OR EXCAVATION, REQUIRED FOR INSTALLING PAVED DITCH, SHALL BE INCLUDED IN PRICE BID FOR CLASS C CONCRETE.
3. THE DITCH SHALL BE WATERED, AND COMPACTED, BEFORE PLACING CLASS C CONCRETE.
4. DITCH LINER PROTECTION MAY BE EITHER EXCELSIOR MAT OR SOLID SLAB SOD, AND SHALL BE MEASURED BY THE LINEAR FOOT OF DITCH (PAVED DITCH), IN PLACE.

QUANTITIES OF CLASS C CONCRETE PER L.F. OF PAVED DITCH QUANTITIES IN CUBIC YARDS										
BOTTOM WIDTH	DESIGN NO. 1					DESIGN NO. 2				
	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
K 1	.0522	.0645	.0769	.0892	.1016	.1274	.1397	.1521	.1644	.1768
K 2	.0586	.0709	.0832	.0955	.1078	.1790	.1913	.2036	.2159	.2282
● VARIABLE AS SHOWN ON PLANS					K1	.1045	.1168	.1292	.1415	.1539
DESIGN 2A = 1:3 SLOPES					K2	.1357	.1480	.1603	.1726	.1850
DESIGN 2B = 1:2 SLOPES					K1	.0923	.1048	.1172	.1295	.1479
DESIGN 2C = 1:1 SLOPES					K2	.1105	.1228	.1352	.1476	.1600
TOTAL CLASS C CONC. = (LENGTH OF PAVED DITCH) (K1) + (NO. OF CURT. WALLS) (K2)										
K1 = CU. YDS. OF CONCRETE PER LINEAR FOOT										
K2 = CU. YDS. OF CONCRETE PER CURTAIN WALL										

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
509 (D)	CLASS C CONCRETE	C.Y.
229	DITCH LINER PROTECTION	L.F.

APPROVED BY ROADWAY ENGINEER: *[Signature]* DATE: 6/30/22
ROADWAY DESIGN DIVISION STANDARD