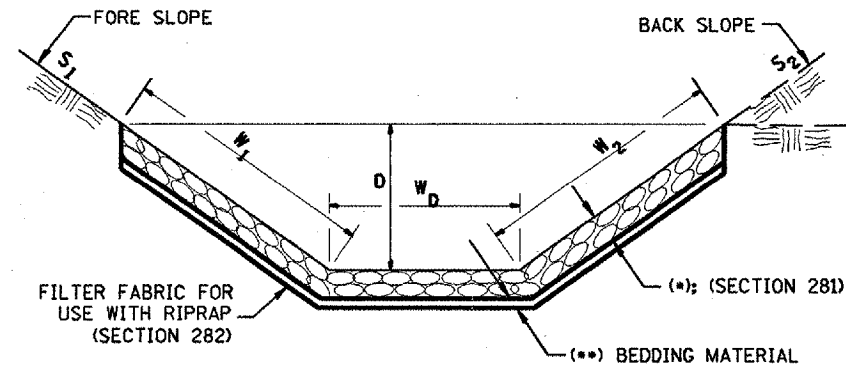


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

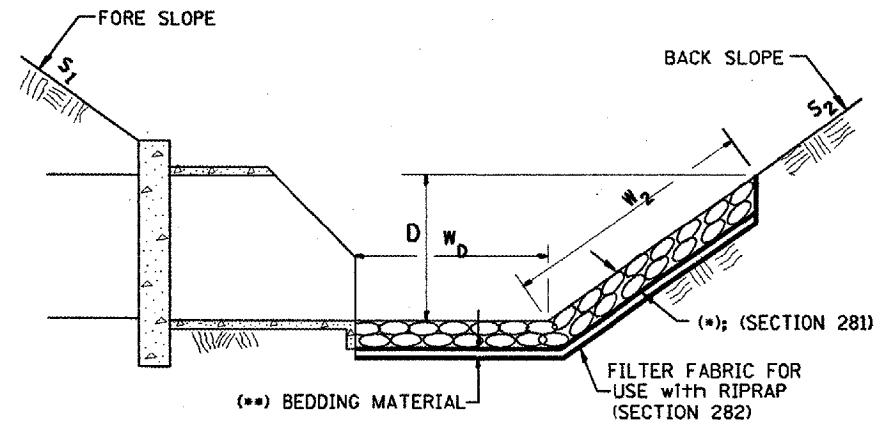
**CASE 1
(DITCH)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
TOTAL				

(1) WIDTH = $W_1 + W_2 + W_0$

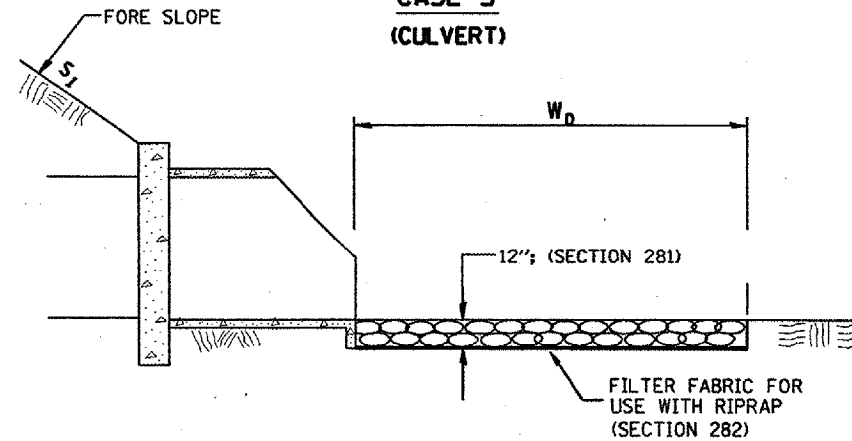
**CASE 2
(CULVERT & SLOPE)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
TOTAL				

(1) WIDTH = $W_2 + W_0$

**CASE 3
(CULVERT)**



STONE DUMPED RIPRAP, CLASS B3				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
RT STA 58+50	VAR.	VAR.	118.9	237.8
LT STA 60+00	VAR.	25.0	43.4	86.8
RT STA 72+16	VAR.	33.0	33.5	67.0
LT STA 101+80	VAR.	82.0	234.4	468.8
RT STA 112+25	VAR.	12.0	9.7	19.3
LT STA 120+25	VAR.	80.0	102.0	204.0
RT STA 121+00	VAR.	58.0	76.6	153.3
TOTAL			618.5	1237.0

(1) WIDTH = W_0

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAIL SHEET

**RIPRAP DITCH FOR
EROSION PROTECTION**

CADD DETAIL 281001-D4
SCALE: NOT DRAWN TO SCALE

DRAWN BY CADD
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. A-12.02, NEW REVISION BOX	T.P.
12-1-97	CORRECT FILTER FABRIC LEADER ARROW	J.A.

281001-D4

DATE