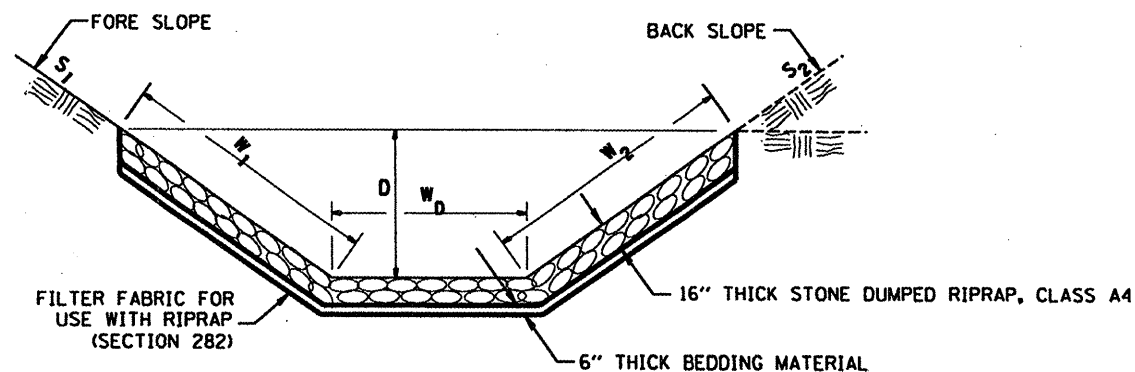


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	US-137/RRS-34 136R/108R-2	HENDERSON	490	45
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

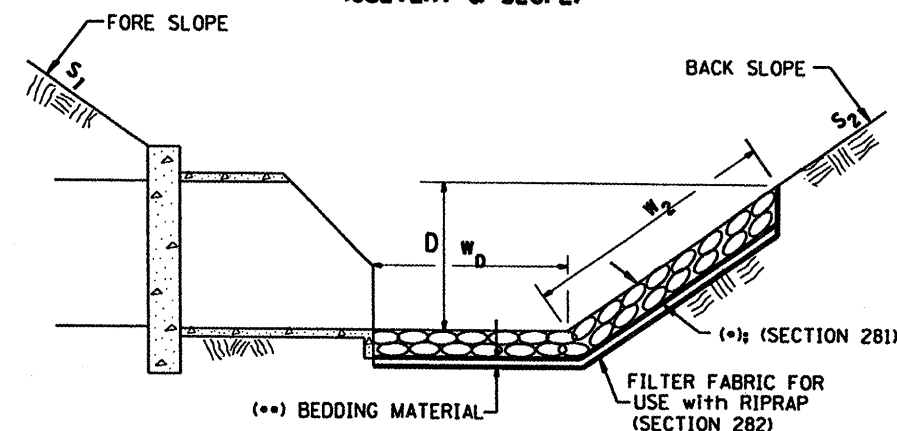
**CASE 1  
(DITCH)**



STONE RIPRAP, CLASS B4				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft (m)	lin ft (m)	sq yds (m <sup>2</sup> )	sq yds (m <sup>2</sup> )
303+41.81 TO 303+53.81	9.5	12	14	14
309+75.84 TO 309+87.84	9.5	12	15	15
TOTAL			29	29

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

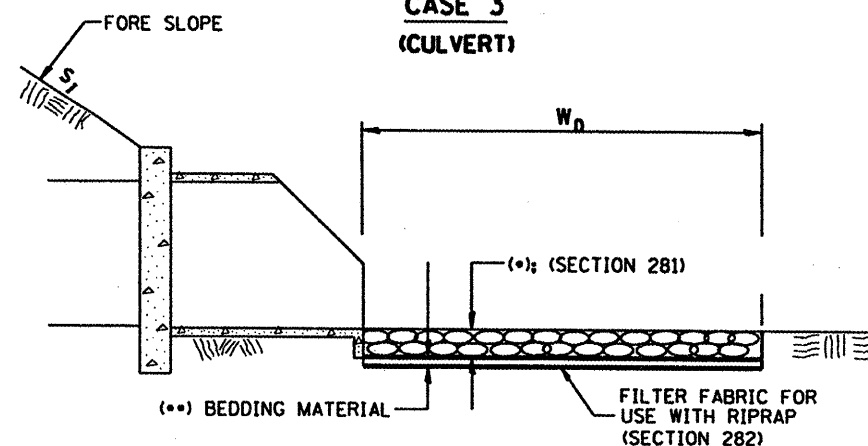
**CASE 2  
(CULVERT & SLOPE)**



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

(1) WIDTH =  $W_2 + W_0$

**CASE 3  
(CULVERT)**



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

(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 inches (millimeters) 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.
10-16-06	REVISED TO 2007 SPEC.	M.A.