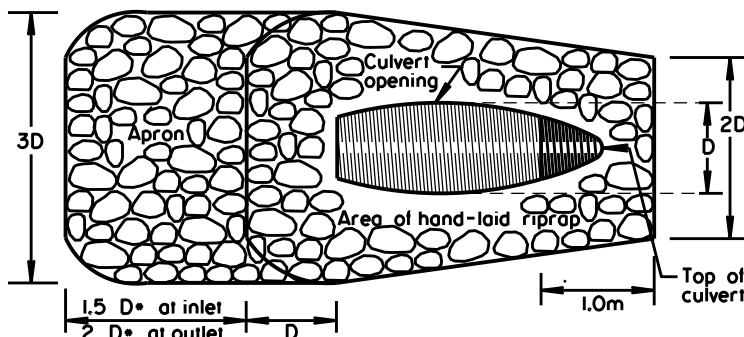
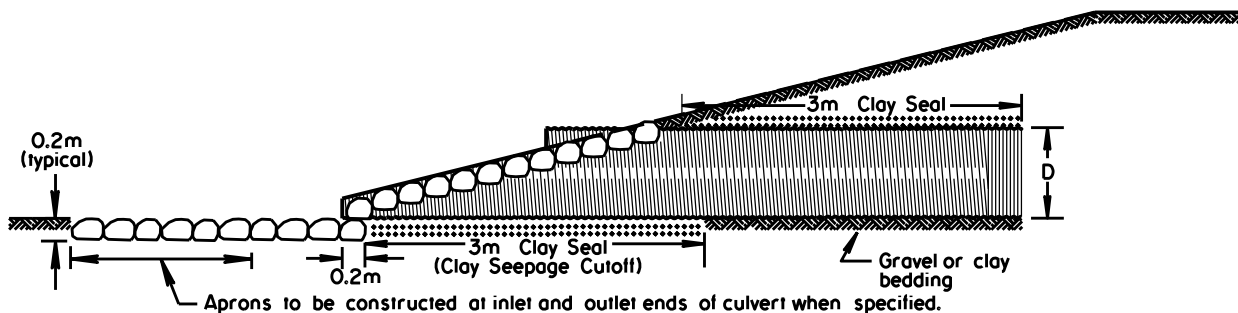
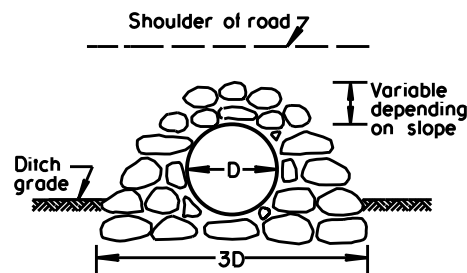


SECTION



• These are typical minimum dimensions.

PLAN VIEW



ELEVATION

ESTIMATED RIPRAP SURFACE AREAS*

PIPE DIAMETER (mm)	AREA OF ONE END EXCLUDING APRON (m ²)	AREA OF ONE END INCLUDING INLET APRON (m ²)	AREA OF ONE END INCLUDING OUTLET APRON (m ²)
500	2	3	4
600	3	5	6
700	4	6	7
800	5	8	9
900	6	10	11
1000	7	12	13
1100	9	14	16
1200	10	16	19
1400	13	22	25

• THE ESTIMATED RIPRAP SURFACE AREAS SHOWN IN THIS TABLE ARE BASED ON A 4:1 SIDESLOPE.

NOTE:

THIS DRAWING SUPPLEMENTS SPECIFICATION 2.5 RIPRAP AND APPLIES TO CULVERTS LESS THAN 1500mm EQUIVALENT DIAMETER.

No.	REVISIONS	BY	DATE
Approved:		 TRANSPORTATION AND UTILITIES Engineering Division	
ORIGINAL APPROVED BY DAVE PALSAT Executive Director, Roadway Engineering Branch			
Date:	94/11/22		
Hand Laid Riprap (Rock or Sacked Material)			
Prepared By: L.T.	Checked By: B.K.	Scale: N.T.S.	Dwg No.: CB6-2.5MI