



**GENERAL NOTES**

All work done in the public right-of-way shall be done according to the Ohio Department of Transportation, Construction and Materials Specifications manual (current edition).

Rock Channel Protection (Item 601.09), Type "C" or Type "D", as directed by the County Engineer, shall be placed at a Max. side slope of 1-1/2 : 1 and 18" deep. When Rock Channel Protection is not used, the side slope shall be no greater than 2 : 1 & seeded.

All Rock Channel Protection, when used, shall be keyed into the channel bottom and side slopes as shown on this drawing.

All side slopes without Rock Channel Protection as well as any disturbed yard area, within the public right-of-way, shall be seeded in accordance with Item 659 or as directed by the Wood County Engineer.

Pipe invert elevations (inlet & outlet) shall be determined by the County Engineer and established by the County Surveyor or an authorized agent of the County.

All driveway pipe (conduit) greater than 36" in diameter shall be classified as "Type A" conduit (Item 611.02).

All driveway pipe (conduit) 36" or less in diameter shall be classified as "Type B" conduit (Item 611.02).

Backfilling shall be done in accordance with Item 703.11 for Type A & Type B conduit.

**HOW TO DETERMINE DRIVEWAY CULVERT LENGTHS**

WITH RIP-RAP

- If A = 2ft. then B = 3ft.
- If A = 4ft. then B = 6ft.
- If A = 6ft. then B = 9ft.
- If A = 8ft. then B = 12ft.
- If A = 10ft. then B = 15ft.

WITHOUT RIP-RAP

- If A = 2ft. then B = 4ft.
- If A = 4ft. then B = 8ft.
- If A = 6ft. then B = 12ft.
- If A = 8ft. then B = 16ft.
- If A = 10ft. then B = 20ft.

EXAMPLE: Drive Width = 12', A = 6', Rip-Rap used  
 Minimum Culvert length = (2 x B) + Drive Width + 2ft.  
 Minimum Culvert length = (2 x 9ft.) + 12ft. + 2ft. = 32ft.

**NEW DRIVEWAY CULVERT PIPE DETAIL**

OFFICE OF THE WOOD COUNTY ENGINEER



DESIGNED	RAH	REVIEWED	GTA	JOB NUMBER	PROJECT NUMBER
DRAWN	RAH	APPROVED			

**GENERAL NOTES**

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