

INSTALLATION SEQUENCE – STEP 1:

1. INSTALL PERIMETER EROSION CONTROL MEASURES (SILT FENCE, SILT FENCE OUTLETS, TREE PROTECTION FENCE, WATER BAR, ETC.) ON FIRST SIDE OF STREAM ONLY.
2. CLEAR AND GRADE INITIAL SIDE OF WORK AREA WHILE MAINTAINING PERIMETER CONTROLS.
4. INSTALL DITCHES, DIVERSIONS, AND PUMP AROUND AS SHOWN.
5. INSTALL COFFER DAMS ON EITHER SIDE OF WORK AREA.
6. EXCAVATE PIT PER CULVERT MANUFACTURER SPECIFICATIONS AS DETAILED IN THE PLAN SET.

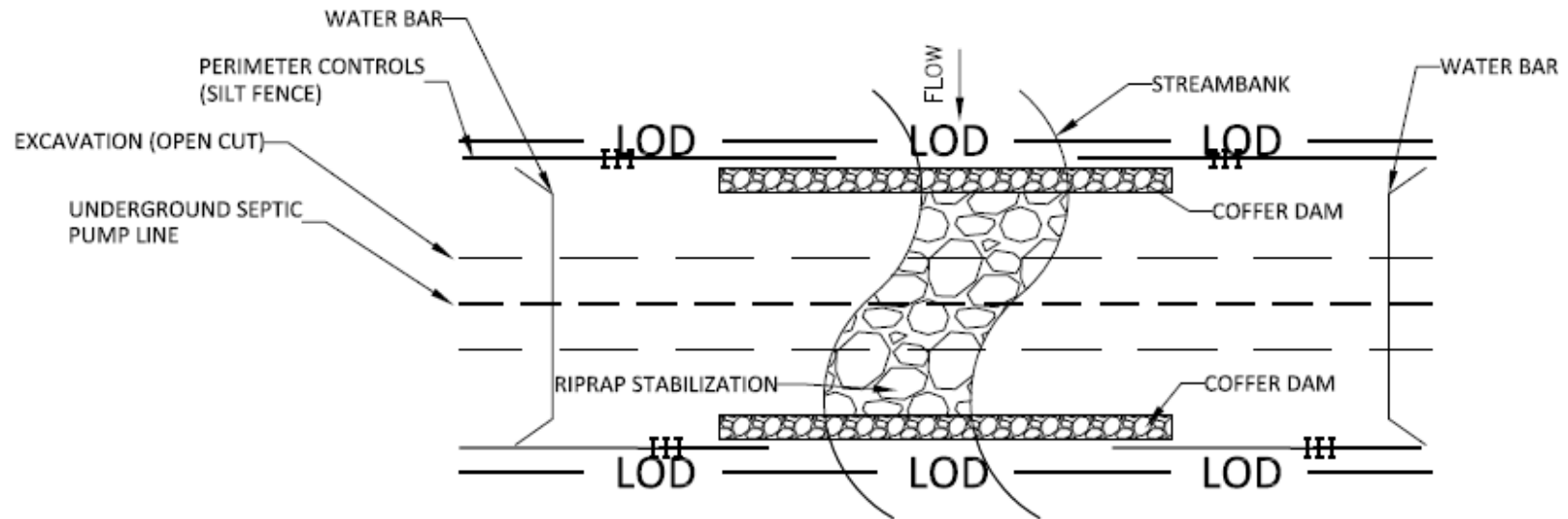
Culvert Details				
	Culvert 1	Culvert 2	Culvert 3	Culvert 4
Length				
Diameter				



STREAM CROSSING - STEP 1

DETAIL NUMBER

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INSTALLATION SEQUENCE – STEP 2:

1. EXCAVATE SEPTIC TRENCH ACROSS STREAM AND INSTALL PUMP LINE.
2. BACKFILL STREAM BED TO PREVIOUS EXISTING STREAM BED ELEVATION. IF A PERMANENT CROSSING IS REQUIRED, RIPRAP MAY BE PLACED WITHIN STREAM CHANNEL AT AN ELEVATION EQUAL TO NATURAL STREAM BED ELEVATION. RIPRAP MUST BE EMBEDDED INTO THE STREAM CHANNEL AT A MINIMUM OF THE RIPRAP STONE SIZE TO ENSURE NO "FILL" IS PLACED IN THE STREAM CHANNEL.
3. STABILIZE THE STREAM BANKS ACCORDING TO THE STREAMBANK STABILIZATION DETAILS.

Excavation Pit Details

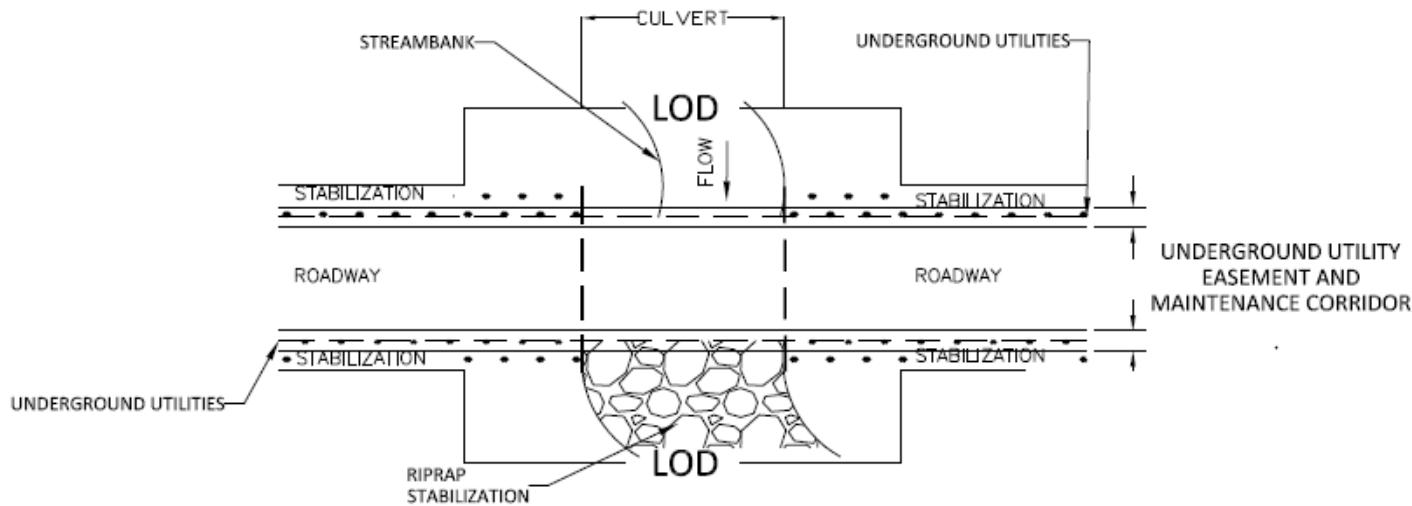
	Culvert 1	Culvert 2	Culvert 3	Culvert 4
Length				
Width				
Depth				



STREAM CROSSING - STEP 2

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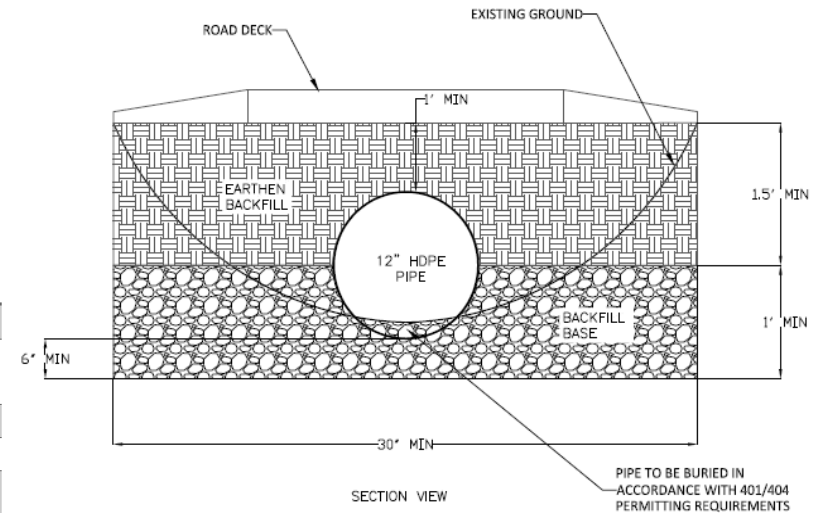


INSTALLATION SEQUENCE – STEP 3:

1. CONSTRUCT ROAD PER DESIGN SPECIFICATIONS.
2. ONCE CONSTRUCTION IS COMPLETE, PLACE PERMANENT STABILIZATION SEED MIX ON EXPOSED GROUND.
2. REMOVE IN-CHANNEL EROSION CONTROL MEASURES AND THEN REMOVE PERIMETER EROSION CONTROL MEASURES.
3. CLOSE OUT CONSTRUCTION AND DEMOBILIZE.

Utility Details

	Utility 1	Utility 2	Utility 3
Utility Type (Electric/non-electric)			
Overhead/Underground			
Clearing Width			
Maintenance Corridor Width			



NOTES:

1. 1' MINIMUM COVER IS REQUIRED OVER PIPES LESS THAN 60" IN DIAMETER. FOR PIPES 60" OR LARGER, 2' MINIMUM COVER IS REQUIRED.
2. THE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321 AND THE MANUFACTURERS INSTALLATION GUIDELINES.



STREAM CROSSING - STEP 3

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