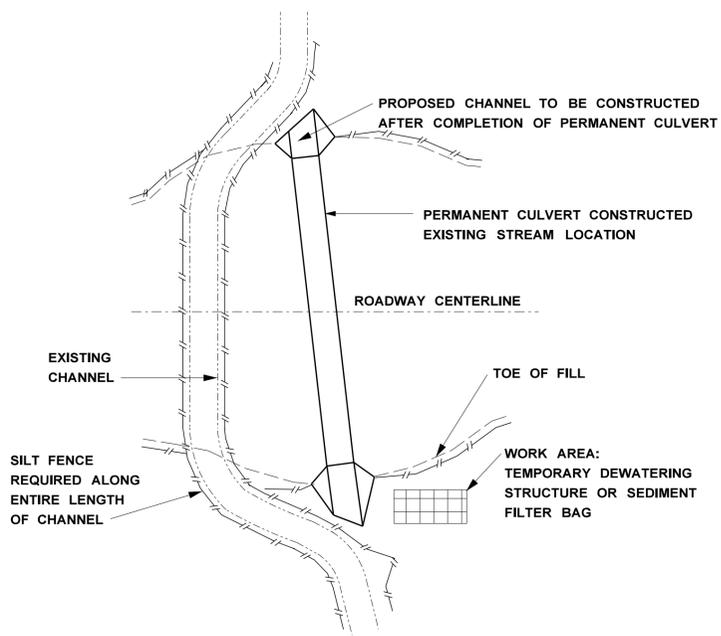
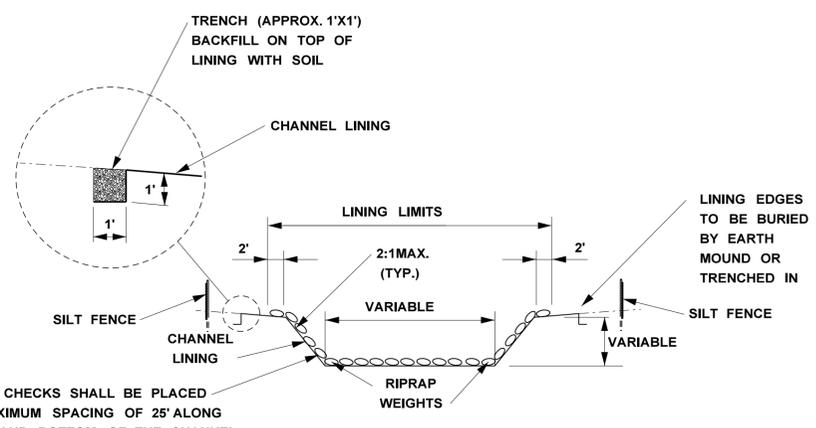


CULVERT CONSTRUCTED WITHIN EXISTING STREAM

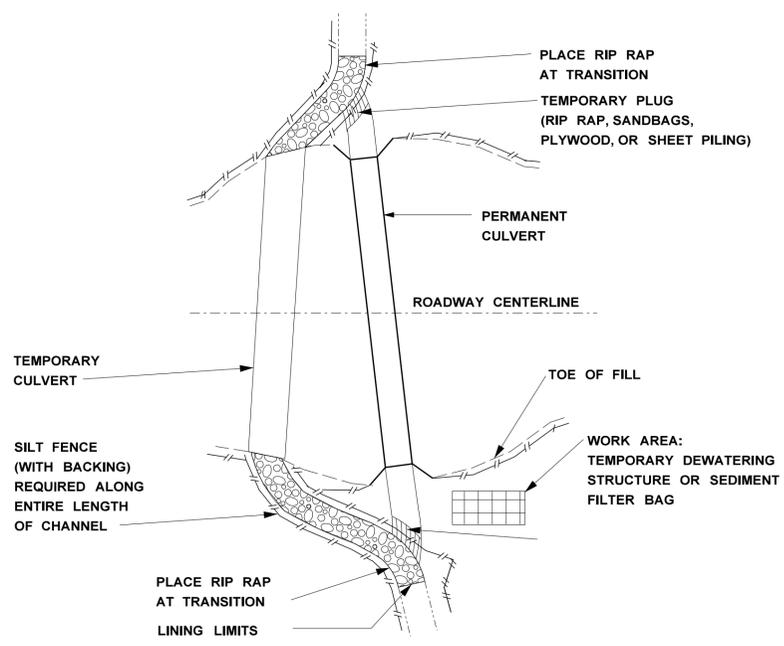


CULVERT CONSTRUCTED OUTSIDE EXISTING STREAM

- NOTES:
- TEMPORARY DIVERSION CHANNELS MAY BE USED TO DIVERT NORMAL STREAM PATH FLOW FROM AN ERODIBLE AREA UNTIL SUCH AREAS CAN BE STABILIZED.
 - TYPE III FILTER FABRIC OR PRE-FAB DITCH LINER MAY BE USED FOR CHANNEL LINING.
 - RIP-RAP WITH FILTER FABRIC MAY BE USED FOR CHANNEL FLOW VELOCITIES OF 3.0 FPS TO 9.0 FPS. THE RIP-RAP SHALL BE SIZED 300 LB
 - LOCATIONS OR TYPES OF TEMPORARY DIVERSION WILL NOT BE SHOWN ON THE PLANS
 - DIVERSION CHANNEL SHALL BE STABILIZED AND INSPECTED BY THE ENGINEER BEFORE FLOW IS DIVERTED.
 - DURING CONSTRUCTION OF DIVERSION CHANNEL, DAMAGE TO THE EXISTING STREAM, CANOPY REMOVAL, AND DEPTH OF THE CHANNEL CONSTRUCTION SHALL BE MINIMIZED.
 - CONSTRUCTION OF THE CHANNEL RELOCATIONS AND CULVERTS SHALL PROCEED AS FOLLOWS:
 - CONSTRUCT A MEANDERING TEMPORARY CHANNEL CHANGE ADJACENT TO THE PROPOSED CULVERT TO DIVERT WATER TEMPORARILY DURING THE CULVERT CONSTRUCTION. TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
 - RELOCATE CHANNEL AND CONSTRUCT CULVERT SIMULTANEOUSLY.
 - SOD AND/OR RIP-RAP RECONSTRUCTED BANKS AT TRANSITIONS. THE UPPER CHANNEL PLUG IS TO REMAIN IN PLACE UNTIL SUBNOTE (7.1) THROUGH (7.4) UNDER THIS HEADING ARE COMPLETED TO INSURE THAT ALL CONSTRUCTION IS IN THE DRY.
 - IF AN EARTH PLUG IS NECESSARY AT THE DOWNSTREAM END OF THE CHANNEL IT SHOULD BE REMOVED FIRST, THEN REMOVE THE UPPER PLUG TO RELEASE WATER INTO THE RECONSTRUCTED CHANNEL.
 - PLUGS SHOULD REMAIN IN PLACE UNTIL PERMANENT STABILIZATION OF THE NEW WATER COURSE IS COMPLETED. REMOVAL OF PLUGS SHOULD ONLY BE PERFORMED FOLLOWING ACCEPTANCE OF ALL STABILIZATION WORK BY THE ENGINEER.
 - THE DETAILS PROVIDED DEPICT TYPICAL TEMPORARY DIVERSION CHANNELS.
 - THE CONTRACTOR MAY PROPOSE THE USE OF OTHER DIVERSION OPTIONS SUCH AS PIPING, PUMPING OR STAGED CONSTRUCTION.
 - THE EFFECTIVE AREA OF FLOW IN THE TEMPORARY CHANNEL OR CULVERT SHALL BE AT LEAST ONE-HALF THAT OF THE EXISTING STRUCTURE.
 - INSTALLATION OF FILTER FABRIC SHALL BEGIN AT THE DOWNSTREAM END AND PROGRESSING UPSTREAM. EDGES OF ADJACENT FILTER FABRIC SHALL OVERLAP AT LEAST 1 FT. THE ENDS OF THE FILTER FABRIC SHALL BE SECURELY HELD IN PLACE WITH RIPRAP.
 - THE COST OF THE TEMPORARY DEWATERING STRUCTURE OR SEDIMENT FILTER BAG SHALL BE INCLUDED IN OTHER ITEMS BID.



TEMPORARY DIVERSION CHANNEL WITH GEOTEXTILE FABRIC



TEMPORARY CULVERT USED DURING CONSTRUCTION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
TEMPORARY STREAM DIVERSION	
PRELIMINARY NOT FOR CONSTRUCTION	
COUNTY:	
PROJ. NUM.:	
FILENAME: ECD-18.DGN	
DATE	CHECKED
DESIGN TEAM	DATE 9/29/15
REVISION	BY
WORKING NUMBER	ECD-18
SHEET NUMBER	\$PG\$

10/5/2015 11:48 AM ECD-18.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY PLAN DIVISION