
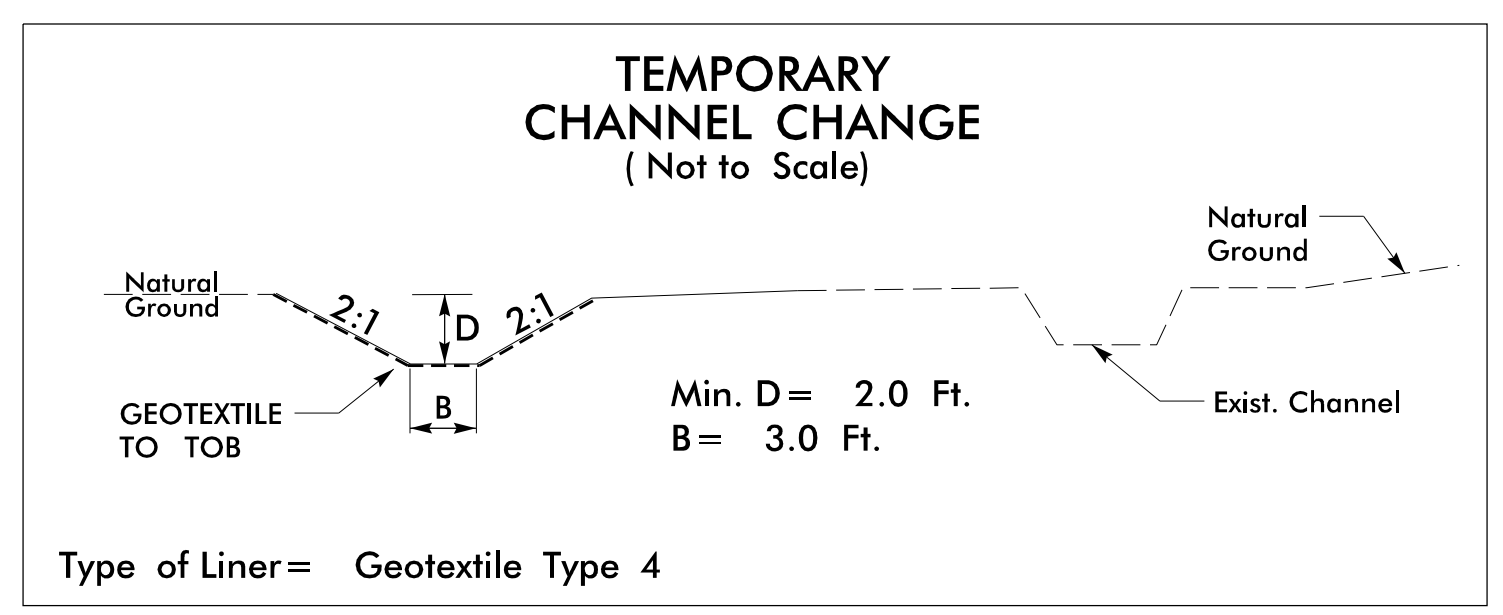


# CULVERT CONSTRUCTION SEQUENCE STA. 35 + 54 -Y15RPD-

PROJECT REFERENCE NO. <i>U-2579AB</i>		SHEET NO. <i>EC-IOC/CONST.10</i>	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116			

1. CONSTRUCT 3' BASE TEMPORARY CHANNEL CHANGE WITH LINER. SECURE INLET AND OUTLET OF CHANNEL.
2. UTILIZE SPECIAL STILLING BASIN(S), TEMPORARY DIKES AND BYPASS PUMPS TO TIE TEMPORARY CHANNEL CHANGE INTO STREAM.
3. INSTALL IMPERVIOUS DIKES AS SHOWN TO DIRECT WATER FLOW AROUND THE WORK AREA INTO THE TEMPORARY CHANNEL CHANGE.
4. CONSTRUCT CULVERT USING SPECIAL STILLING BASIN(S) AND PUMP TO DE-WATER THE WORK ZONE.
5. COMPLETE INLET AND OUTLET CHANNEL IMPROVEMENTS IN DRY CONDITIONS THROUGH THE USE OF PUMP-AROUND OPERATION AND IMPERVIOUS DIKES.
6. REMOVE IMPERVIOUS DIKES TO ESTABLISH FLOW THROUGH NEWLY CONSTRUCTED CULVERT.



NOTE: CONTRACTOR TO USE BERMS AS NEEDED TO MAINTAIN A MINIMUM 2' DEPTH OF THE TEMPORARY CHANNEL CHANGE.

