

PROJECT REFERENCE NO. <i>R-2603</i>	SHEET NO. <i>EC-8/CONST.7</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CULVERT CONSTRUCTION SEQUENCE STA. 59 + 43 -L-

PHASE I

1. UTILIZE SKIMMER BASIN 7.1 C&G AS STILLING BASIN THROUGHOUT CULVERT CONSTRUCTION.
2. CONSTRUCT TEMPORARY CHANNEL CHANGE WITH LINER (6 FT. BASE, 2 FT. DEEP, 2:1 SIDE SLOPES).
3. INSTALL TEMPORARY 48" CSP ACCORDING TO NCDOT 'BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES' MANUAL, AND IMPERVIOUS DIKE, DIVERTING FLOW TO THE TEMPORARY CHANNEL CHANGE.
4. CONSTRUCT PORTION OF THE PROPOSED CULVERT, INCLUDING OUTLET CHANNEL IMPROVEMENTS.
5. CONSTRUCT DETOUR ALIGNMENT AND SHIFT TRAFFIC.

PHASE II

6. CONSTRUCT REMAINDER OF PROPOSED CULVERT.
7. CONSTRUCT INLET CHANNEL IMPROVEMENTS ACCORDING TO NCDOT 'BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES' MANUAL.
8. REMOVE IMPERVIOUS DIKE AND DIVERT FLOW THROUGH PROPOSED CULVERT.
9. REMOVE PORTION OF EXISTING UPSTREAM PIPE/CULVERT SYSTEM AND FILL REMAINDER WITH FLOWABLE FILL.
10. REMOVE TEMPORARY CHANNEL CHANGE, AND COMPLETE ROADWAY.

