CULVERT CONSTRUCTION SEQUENCE STA. 143+37 –L–

PROJECT REFERENCE NO.	SHEET NO.
U-4405B	EC-9/CONST.14
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PHASE I

1. CONSTRUCT STILLING BASIN, MINIMUM VOLUME REQUIRED:UPSTREAM = 30 CY, DOWNSTREAM = UTILIZE SPECIAL STILLING BASIN(S)
2. INSTALL PROPOSED 72" WELDED STEEL PIPE BY TRENCHLESS METHOD
3. CONSTRUCT CULVERT DIVERSION CHANNELS AND IMPERVIOUS DIKES A AND B
4. DIVERT FLOW INTO CULVERT DIVERSION CHANNELS AND EXISTING 2@84" CMPs.
5. COLLAR AND EXTEND PROPOSED 72" RCP ON BOTH ENDS
6. CONSTRUCT EAST BANK AT INLET AND OUTLET AND STABILIZE
7. REMOVE CULVERT DIVERSION CHANNELS AND IMPERVIOUS DIKES A AND B

PHASE II

8. CONSTRUCT IMPERVIOUS DIKES C AND D AND DIVERT FLOW INTO PROPOSED 72" PIPE
9. CONSTRUCT BENCHES AND WEST BANKS AT INLET AND OUTLET AND STABILIZE
10. INSTALL 72" LINER IN EXISTING 2@84" CMP
11. COLLAR AND EXTEND EXISTING 2@84" CMP WITH 72" RCP EXTENTIONS ON BOTH ENDS
12. REMOVE IMPERVIOUS DIKES C AND D, STILLING BASIN, AND ANY REMAINING SPECIAL STILLING BASIN(S)
13. COMPLETE ROADWAY