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PROJECT REFERENCE NO.	SHEET NO.
B-6020	EC-2B
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

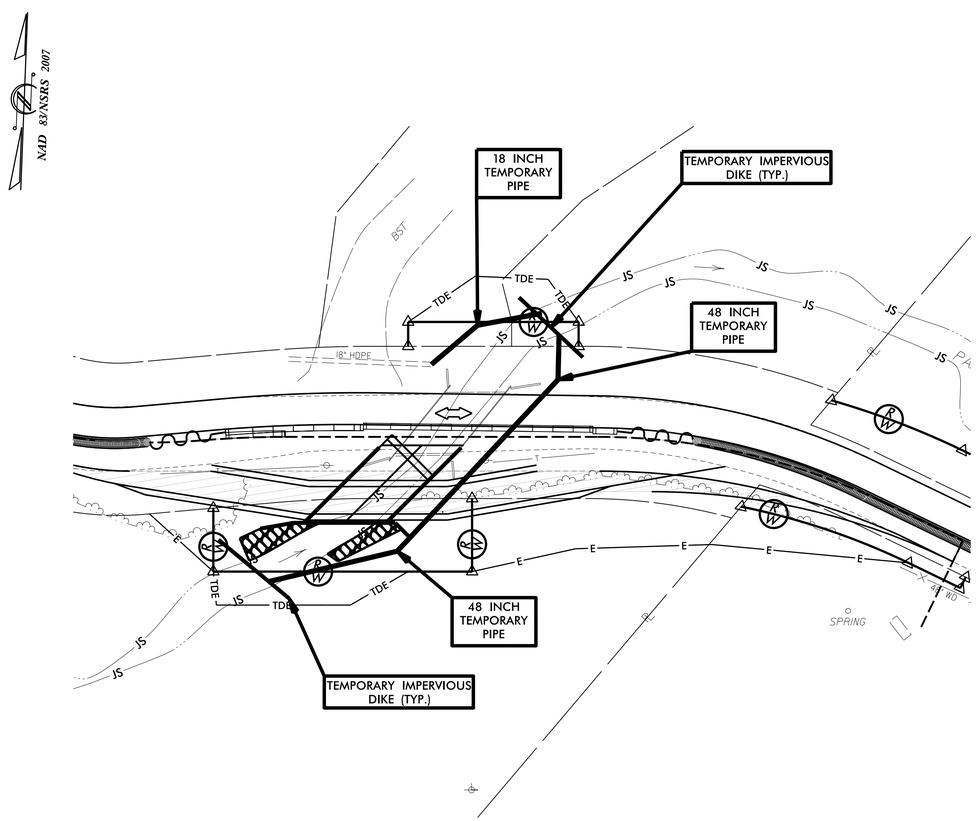
CULVERT CONSTRUCTION SEQUENCE STA. 13 + 00 –L–

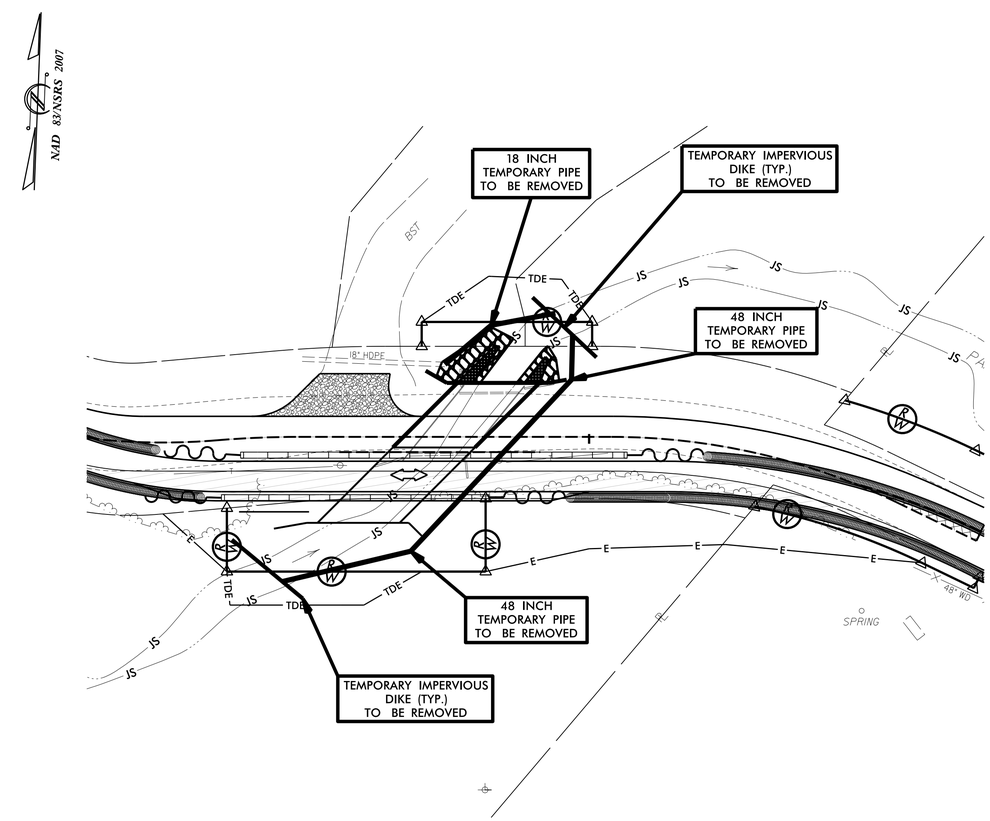
PHASE I

1. PLACE SPECIAL STILLING BASIN IN DESIRED LOCATION.
2. CONSTRUCT TCP STAGE 1 APPROACHES AND INSTALL STAGE 1 TRAFFIC CONTROL DEVICES (SEE TMP–3).
3. INSTALL IMPERVIOUS DIKES.
4. INSTALL TEMPORARY 48" PIPE AND ATTACH TEMPORARY 18" PIPE TO EX. 18" HDPE DRIVEWAY PIPE ACCORDING TO NCDOT'S BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES' MANUAL. DISCHARGE BOTH PIPES THROUGH DOWNSTREAM IMPERVIOUS DIKES.
5. PUMP ANY IMPOUNDED FLOW THROUGH SPECIAL STILING BASIN.
6. REMOVE EXISTING BRIDGE AS NEEDED DURING STAGE 1 CONSTRUCTION.
7. INSTALL PORTION OF ALUMINUM BOX CULVERT (ABC) FOR PHASE 1 AND CONSTRUCT UPSTREAM CULVERT BENCHES.

PHASE II

1. SWITCH TO STAGE 2 OF TRAFFIC CONTROL PLAN (SEE TMP–4).
2. INSTALL STAGE 2 PORTION OF ABC AND CONSTRUCT THE DOWNSTREAM CULVERT BENCHES.
3. CONSTRUCT STAGE 2 ROADWAY APPROACHES AND TRANSISTION TO STAGE 3 (TMP–5).
4. COMPLETE STAGE 3 AND PHASE TO PERMENANT ALIGNMENTS WHILE REMOVING PIPES, TEMPORARY DIKES, AND SPECIAL STILLING BASIN.





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