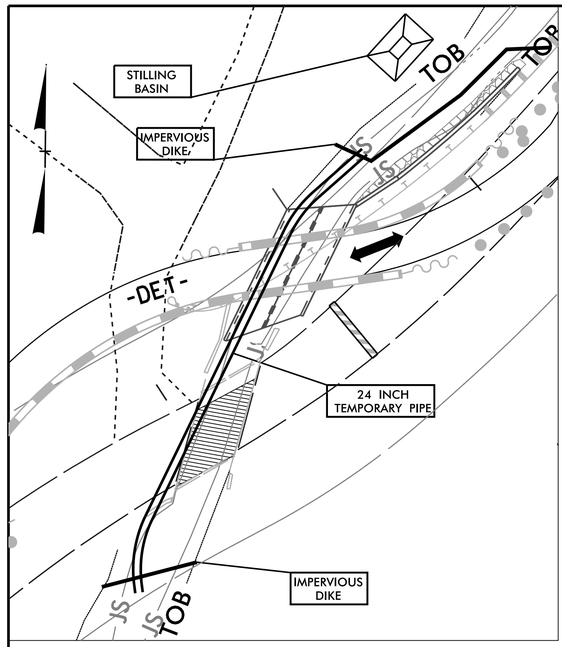
PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.91	EC-8/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CULVERT CONSTRUCTION SEQUENCE STA. 13+27 –L–

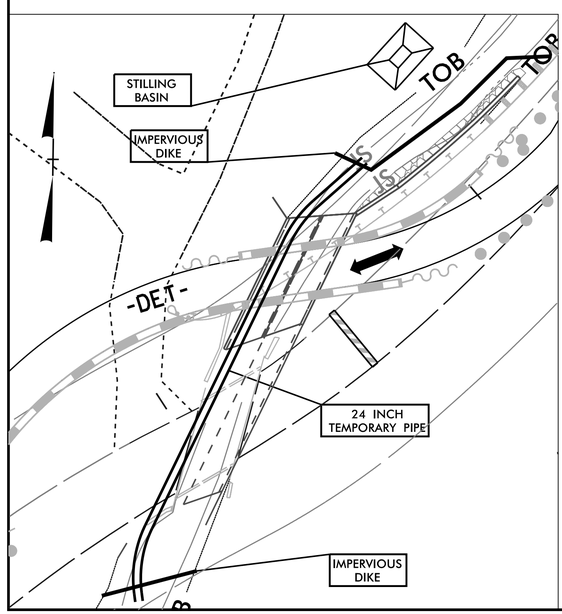
STAGE II

(2) 7'X4' RCBC -L-



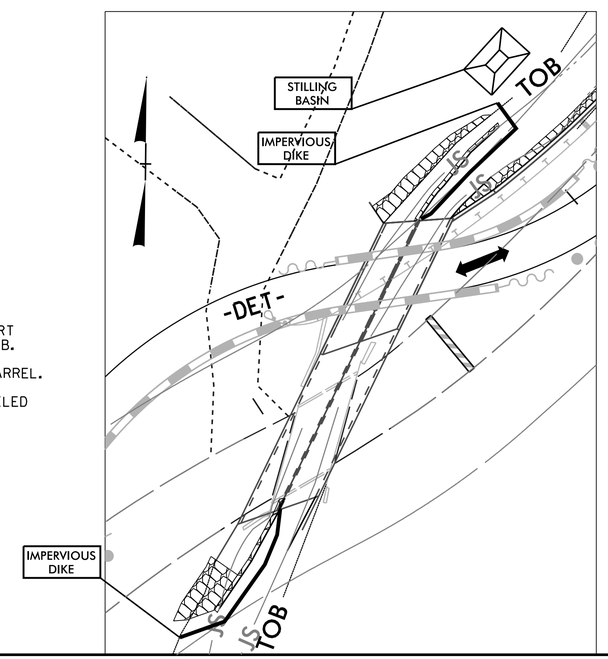
PHASE I

1. CONSTRUCT TEMPROARY ROADWAY OVER OVER NEWLY CONSTRUCTED BARRELS. INSTALL TEMPORARY BARRIERS AND DIRECT TRAFFIC ONTO TEMPORARY ROADWAY.
2. INSTALL TEMPORARY SHORING AND REMOVE REMAINING PORTION OF EXISTING BRIDGE. SEE NCDOT BRIDGE DEMOLITION GUIDELINES.
3. INSTALL ADDITIONAL 24" TEMPORARY FLEXIBLE PIPE AND RELOCATE IMPERVIOUS DIKE. DEWATER AREA ENCLOSED INSIDE OF IMPERVIOUS DIKE INTO SPECIAL STILLING BASIN.



PHASE II

1. CONSTRUCT UPSTREAM SE BARREL CULVERT INCLUDING WINGWALLS AND BOTTOM SLAB.
2. CONSTRUCT SILL AND BAFFLES IN SE BARREL.
3. BACKFILL INSIDE BARREL WITH STOCKPILED NATIVE MATERIAL.



PHASE III

1. RELOCATE IMPERVIOUS DIKE IN ORDER TO REDIRECT WATER INTO EAST BARREL.
2. DEWATER AREA ENCLOSED INSIDE OF IMPERVIOUS DIKE INTO SPECIAL STILLING BASIN.
3. CONSTRUCT UPSTREAM SW BARREL CULVERT INCLUDING WINGWALLS AND BOTTOM SLAB ALONG WINGWALLS.
4. CONSTRUCT UPSTREAM AND DOWNSTREAM BENCHES AND SILLS IN WEST BARREL. INSTALL COIR FIBER MAT AND CLASS I RAP RAP.
5. BACKFILL INSIDE BARREL WITH STOCKPILED NATIVE MATERIAL.
6. REMOVE IMPERVIOUS DIKE AND SPECIAL STILLING BASIN.
7. REMOVE TEMPORARY SHORING. FINSIH ROADWAY WORK, OPEN NEW ROAD TO TRAFFIC, AND REMOVE TEMPORARY ROADWAY.

GRAPHIC SCALE

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