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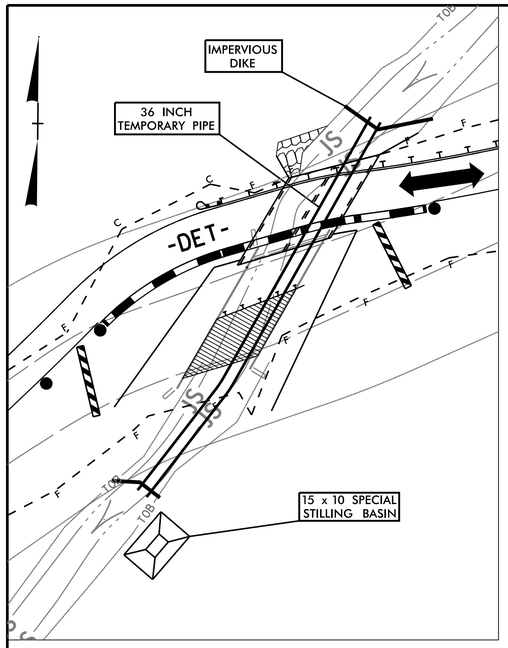
PROJECT REFERENCE NO.	SHEET NO.
I7BPJ4.R.79	EC-8/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CULVERT CONSTRUCTION SEQUENCE STA. 11+53 –L–

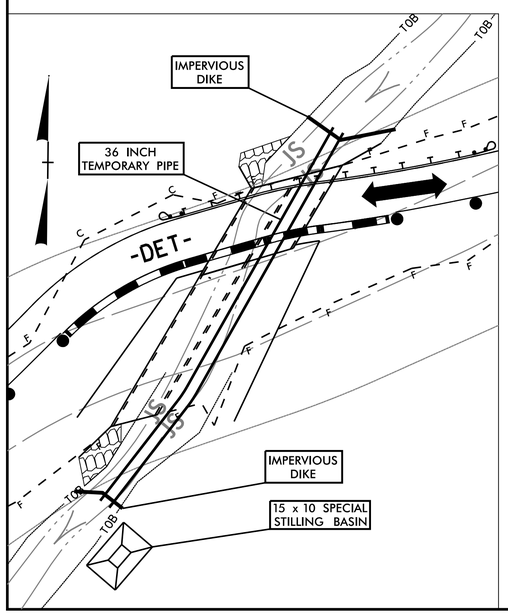
STAGE II

(2) 8'X5' RCBC -L-



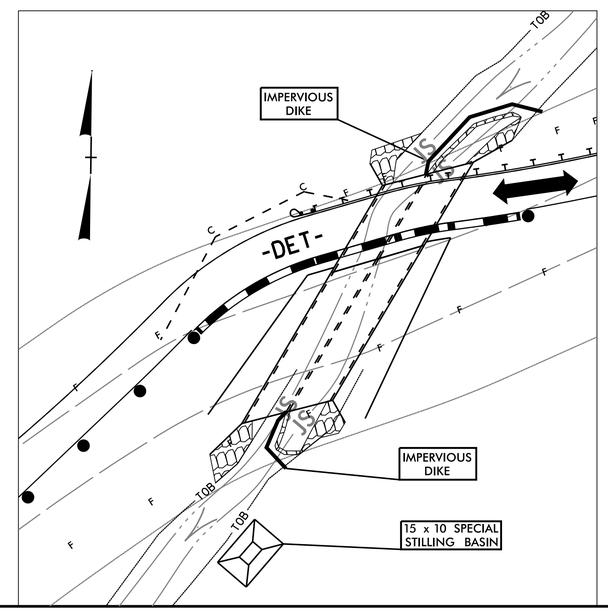
PHASE I

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 36" TEMPORARY FLEXIBLE PIPE AND RELOCATE IMPERVIOUS DIKE. DEWATER AREA ENCLOSED INSIDE OF IMPERVIOUS DIKE INTO SPECIAL STILLING BASIN.



PHASE II

1. CONSTRUCT DOWNSTREAM SW BARREL INCLUDING WINGWALLS, BOTTOM SLAB AND CLASS B RIPRAP.
2. CONSTRUCT SILL AND BAFFLES IN SW BARREL.
3. BACKFILL INSIDE BARREL WITH STOCKPILED NATIVE MATERIAL.



PHASE III

1. RELOCATE IMPERVIOUS DIKES IN ORDER TO REDIRECT WATER INTO WEST BARREL.
2. DEWATER AREA ENCLOSED INSIDE OF IMPERVIOUS DIKES INTO SPECIAL STILLING BASIN.
3. CONSTRUCT DOWNSTREAM SE BARREL INCLUDING WINGWALLS, BOTTOM SLAB, AND CLASS B RIPRAP ALONG WINGWALLS.
4. CONSTRUCT UPSTREAM AND DOWNSTREAM BENCHES AND SILLS IN EAST BARREL.
5. BACKFILL INSIDE BARREL WITH STOCKPILED NATIVE MATERIAL.
6. REMOVE IMPERVIOUS DIKES 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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