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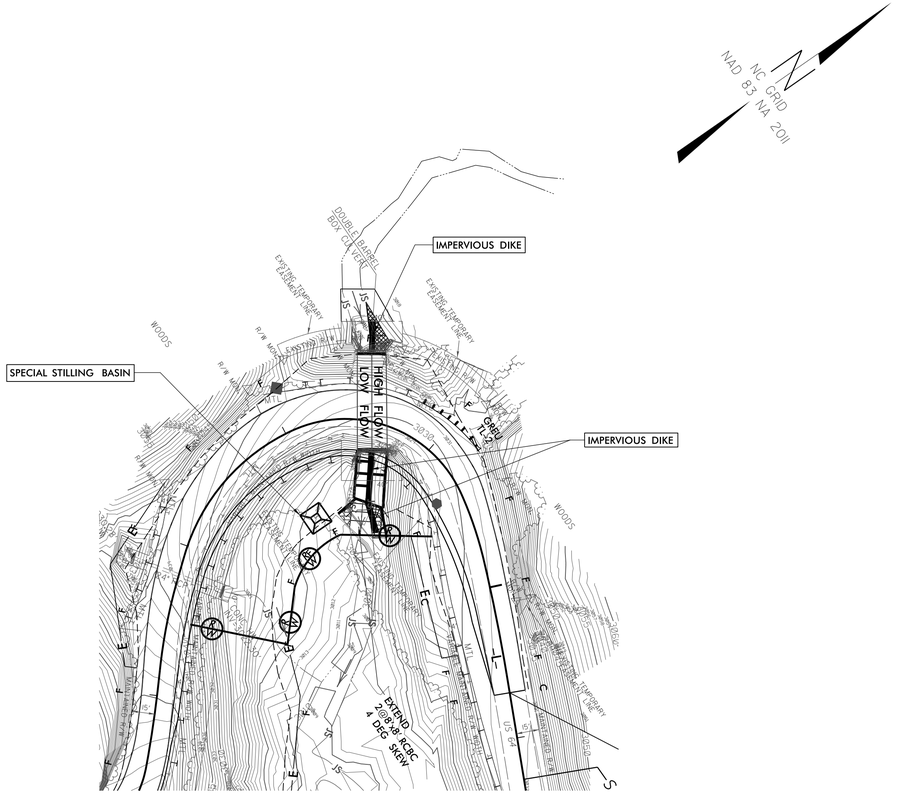
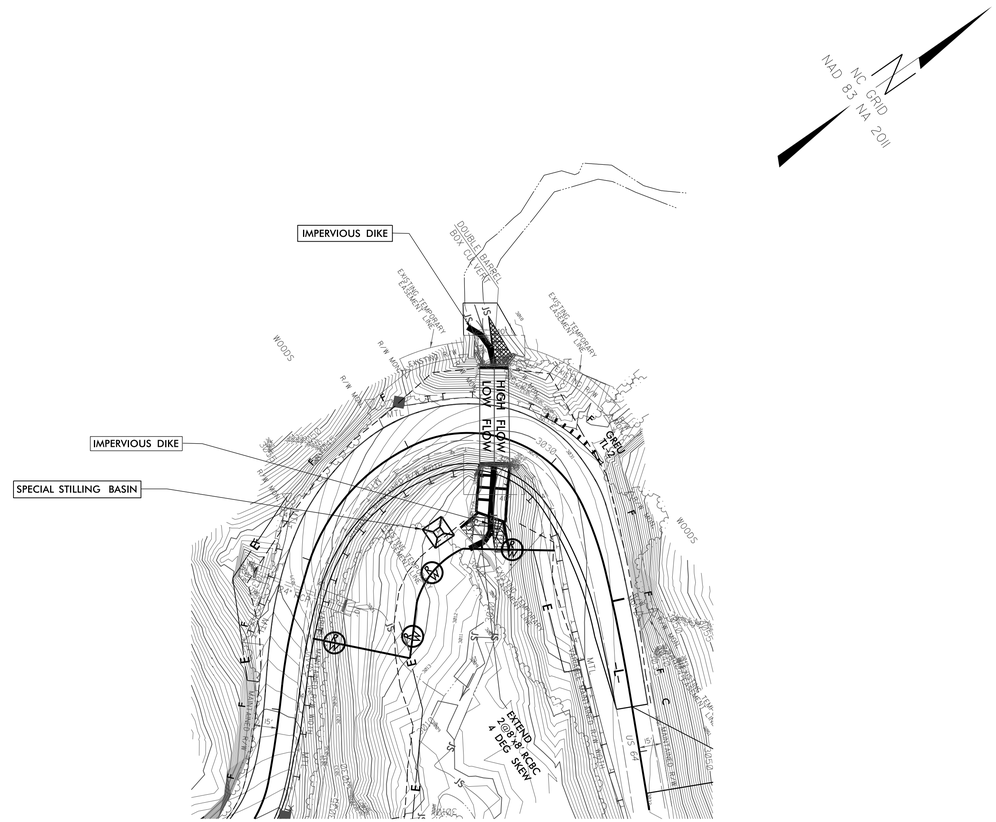
PROJECT REFERENCE NO.	SHEET NO.
W-5714E	EC-04A/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CULVERT CONSTRUCTION SEQUENCE STA. 18 + 58 –L–

PHASE 1

1. CONSTRUCT SPECIAL STILLING BASIN 10' X 15' PER NCDOT DWG 1630.04.
2. REMOVE EXISTING HEADWALL AND WINGWALL DOWNSTREAM END.
3. CONSTRUCT IMPERVIOUS DIKES TO ISOLATE HIGH FLOW BARREL UPSTREAM AND DOWNSTREAM.
4. DIVERT FLOW THROUGH LOW FLOW BARREL.
5. PUMP EFFLUENT FROM WORK AREA THROUGH SPECIAL STILLING BASIN.
5. CONSTRUCT DOWNSTREAM HIGH FLOW BARREL, SILLS, BAFFLES.
6. CONSTRUCT CHANNEL CHANGE AND FLOODPLAIN BENCH.



PHASE 2

1. REMOVE IMPERVIOUS DIKES FROM HIGH FLOW BARREL.
2. CONSTRUCT IMPERVIOUS DIKES UPSTREAM AND DOWNSTREAM AND DIVERT FLOW THROUGH HIGH FLOW BARREL.
3. PUMP EFFLUENT FROM WORK AREA THROUGH SPECIAL STILLING BASIN.
4. CONSTRUCT DOWNSTREAM LOW FLOW BARREL, SILLS, BAFFLES.
5. CONSTRUCT CHANNEL TRANSITION.
6. REMOVE IMPERVIOUS DIKED AND SPECIAL STILLING BASIN.
7. CONSTRUCT ROADWAY.