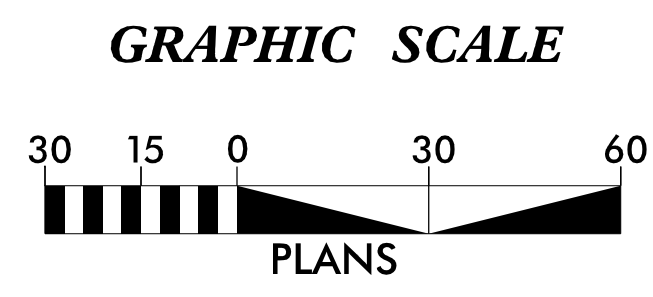
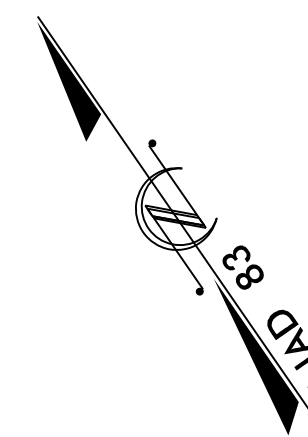


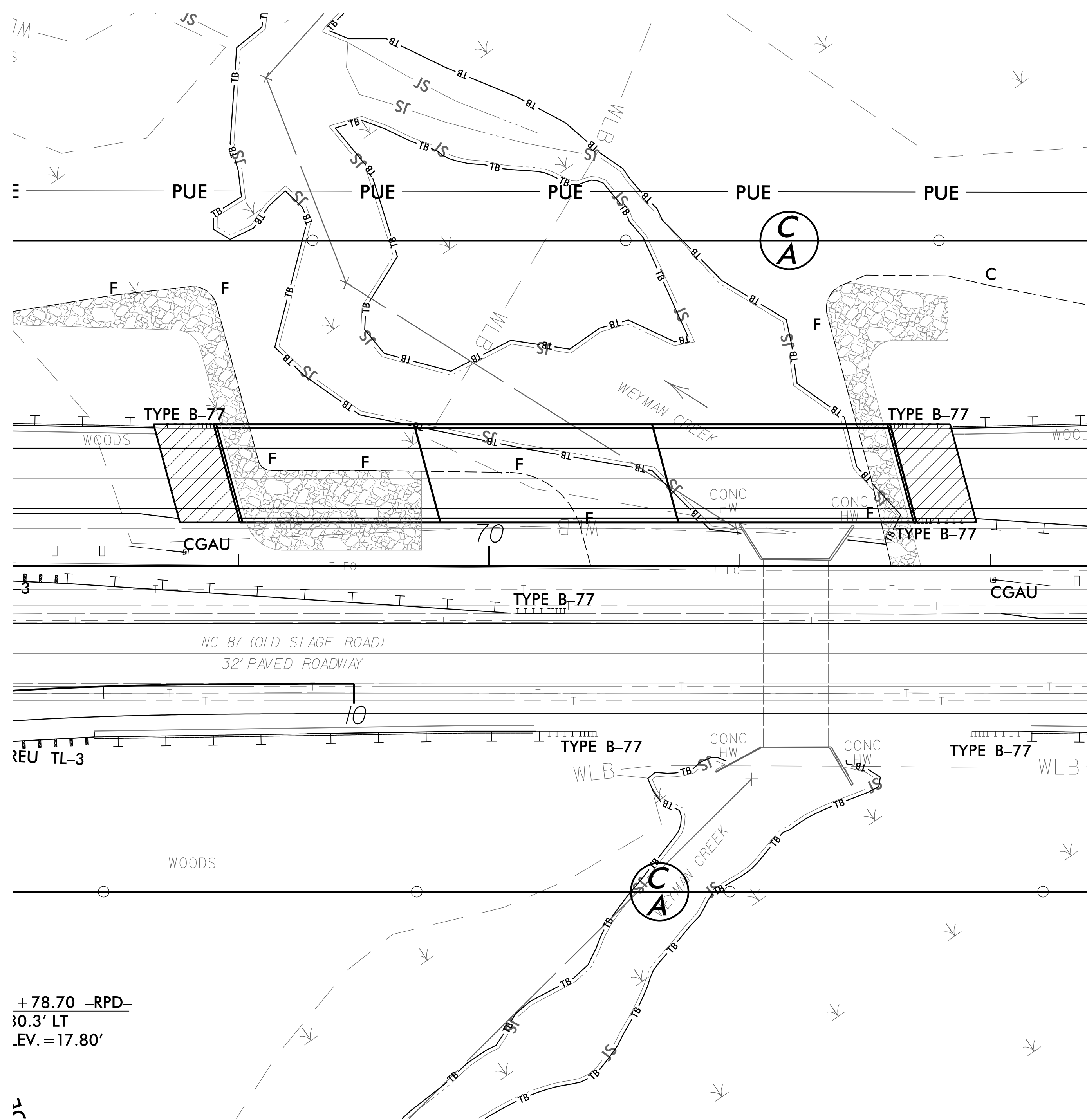
STRUCTURE CONSTRUCTION SEQUENCE STA. 71+06 -L-



PROJECT REFERENCE NO. R-2561CA	SHEET NO. EC-TA/CONST.7
<small>1 Glenwood Avenue Raleigh, NC 27603 Tel: 919.789.9977 Fax: 919.789.9591 License: C-2197</small>	

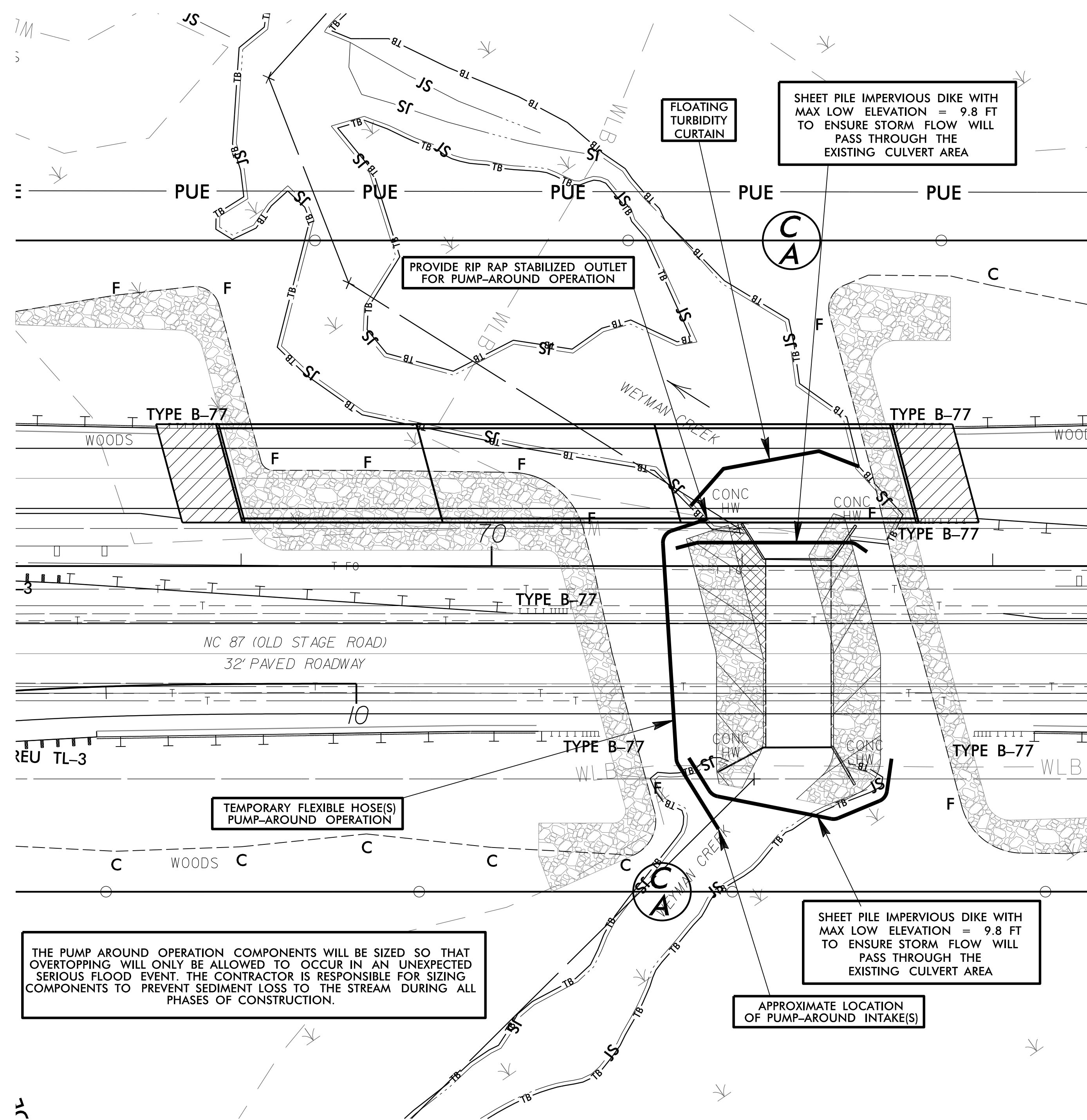
PHASE I

1. UTILIZE SPECIAL STILLING BASINS DURING CULVERT REMOVAL /BRIDGE CONSTRUCTION AS DIRECTED BY THE ENGINEER.
2. INSTALL PERIMETER EROSION CONTROL AS DEPICTED ON THE CLEARING AND GRUBBING PHASE PLANS.
3. CONSTRUCT ROADWAY SHOULDER, SLOPE, AND INSTALL RIP RAP FOR THE PORTION OF THE EASTBOUND LANE LOCATED BENEATH THE PROPOSED WESTBOUND LANE BRIDGE, LEAVING ROOM FOR PILE DRIVING OPERATIONS AND END BENT CONSTRUCTION.
4. INSTALL TEMPORARY CONSTRUCTION ACCESS AND/OR WORK PADS FOR CONSTRUCTION OF THE WESTBOUND LANE BRIDGE INTERIOR BENTS.
5. CONSTRUCT WESTBOUND LANE BRIDGE PER STRUCTURE PLANS.
6. CONSTRUCT WESTBOUND LANE ACCORDING TO THE TRAFFIC MANAGEMENT PLANS AND SHIFT TRAFFIC OFF THE EXISTING EASTBOUND LANES.



PHASE II

1. UTILIZE SPECIAL STILLING BASINS DURING CULVERT REMOVAL /BRIDGE CONSTRUCTION AS DIRECTED BY THE ENGINEER.
2. INSTALL FLOATING TURBIDITY CURTAIN DOWNSTREAM OF THE CULVERT. REMOVE EXISTING CULVERT WINGWALLS AND HEADWALL, EXCAVATING ONLY ENOUGH EXISTING EMBANKMENT MATERIAL REQUIRED TO COMPLETE THIS STEP.
3. REMOVE FLOATING TURBIDITY CURTAIN, INSTALL TEMPORARY SHEET PILE IMPERVIOUS DIKES AND ESTABLISH PUMP-AROUND OPERATION IN APPROXIMATE LOCATION AS SHOWN ON PLANS.
4. ENSURE ELEVATION OF IMPERVIOUS DIKE IS SET SUCH THAT DURING PERIODS OF HIGH FLOW, THE DIKE IS ALLOWED TO OVERFLOW AND PASS THROUGH THE EXISTING CULVERT AREA.
5. PROVIDE RIP RAP STABILIZED OUTLET TO PREVENT EROSION AT TEMPORARY FLEXIBLE HOSE OUTLET TO EXISTING CHANNEL AREA.
6. EXPOSE AND REMOVE EXISTING REINFORCED CONCRETE BOX CULVERT AND CONSTRUCT PERMANENT CHANNEL CROSS SECTION PER THE ROADWAY PLANS. CONSTRUCT AND STABILIZE FLOODPLAIN BENCH AREAS PER THE ROADWAY PLANS.



8/7/2022 CA-reu-EC-07A-Structure Phasing.dgn