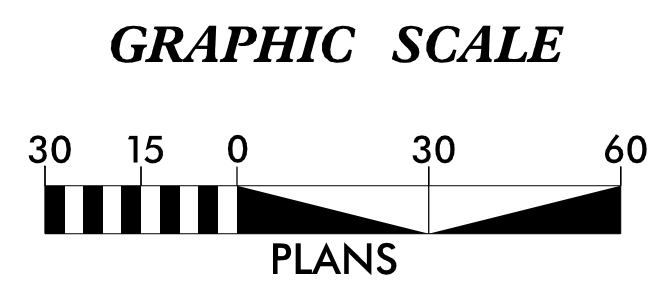
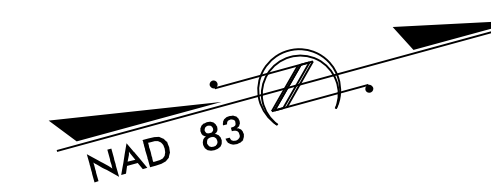


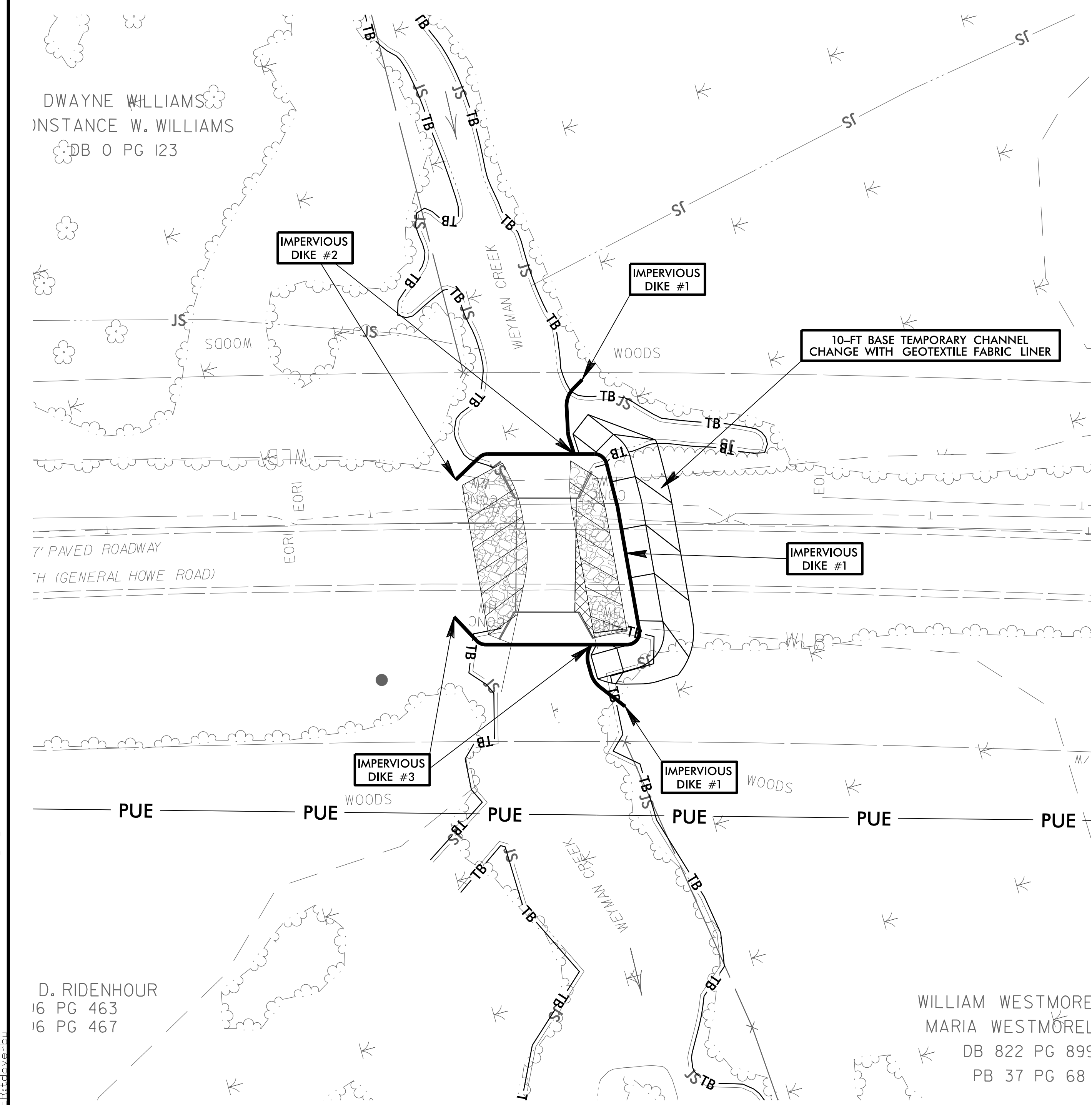
STRUCTURE CONSTRUCTION SEQUENCE STA. 16 + 93 -Y-



PROJECT REFERENCE NO. R-2561CA	SHEET NO. EC-11A/CONST.II
<small>1 Glenwood Avenue Raleigh, NC 27603 Tel: 919.789.9977 Fax: 919.789.9591 License: C-2197</small>	

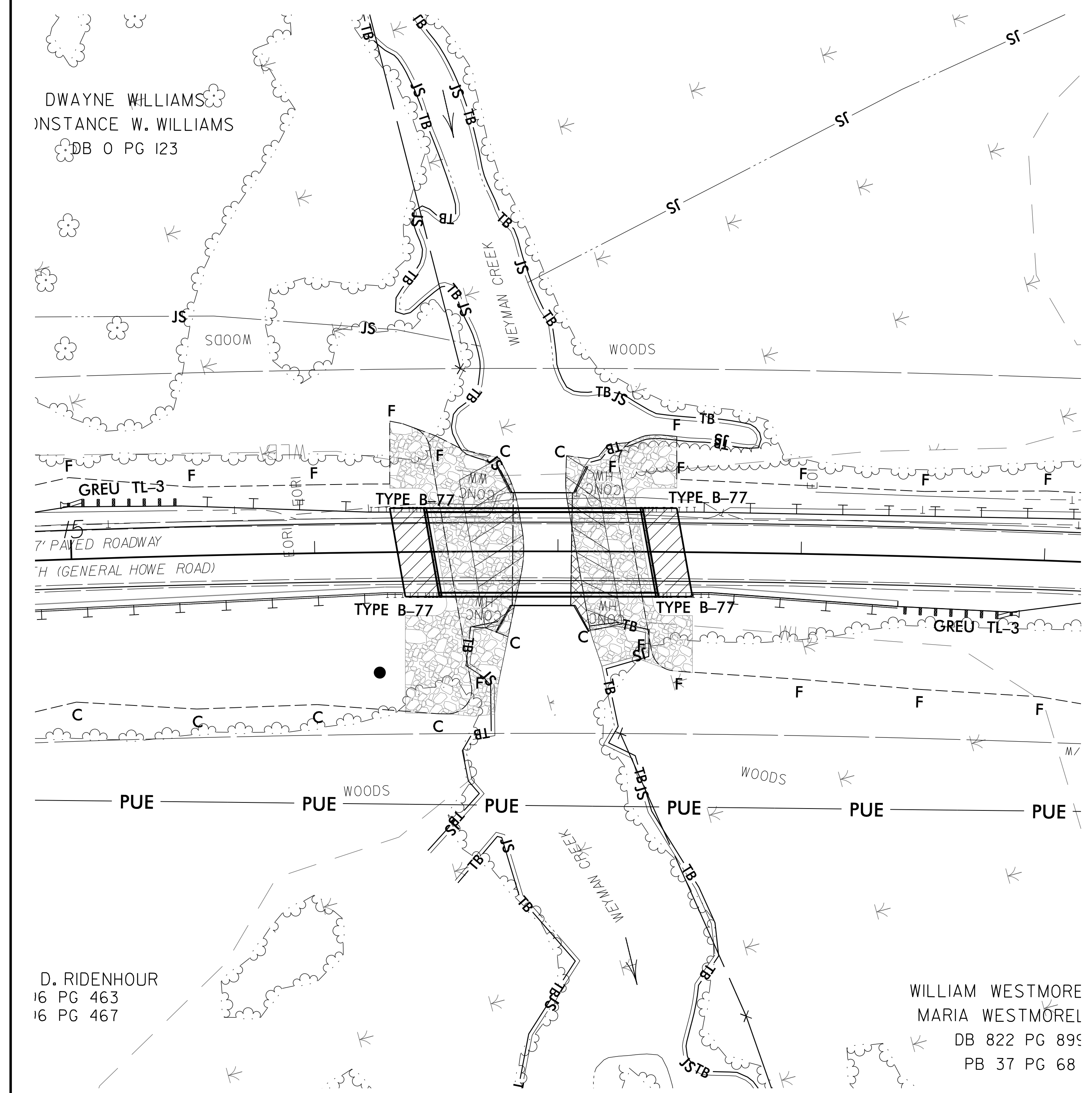
PHASE I

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. INSTALL IMPERVIOUS DIKE #1. CONSTRUCT TEMPORARY CHANNEL CHANGE TO THE NORTH OF THE EXISTING CULVERT AS SHOWN ON THE PLANS.
4. INSTALL IMPERVIOUS DIKES #2 AND #3. REMOVE PORTIONS OF DIKE #1 AS NEEDED TO DIRECT BASE FLOW TO THE TEMPORARY CHANNEL CHANGE.
5. EXCAVATE EXISTING EMBANKMENT ON HIGHWAY 11 AND REMOVE THE EXISTING REINFORCED CONCRETE BOX CULVERT.
6. CONSTRUCT PERMANENT CHANNEL AND FLOODPLAIN BENCHES BENEATH THE HIGHWAY 11 BRIDGE PER THE ROADWAY PLANS.
7. REMOVE ALL REMAINING IMPERVIOUS DIKES, MAKING REPAIRS TO FINAL CHANNEL CROSS SECTION AS NECESSARY. DIRECT STREAM BASE FLOW TO STABILIZED FINAL CHANNEL.



PHASE II

1. UTILIZE SPECIAL STILLING BASINS DURING CULVERT REMOVAL / BRIDGE CONSTRUCTION AS DIRECTED BY THE ENGINEER.
2. CONSTRUCT HIGHWAY 11 BRIDGE PER STRUCTURE PLANS.
3. REMOVE SPECIAL STILLING BASINS AND COMPLETE HIGHWAY 11 ROADWAY IMPROVEMENTS UNDER TEMPORARY ROADWAY CLOSURE.



12/14/2020 CA_reu_EC-11A_Structure_Phasing.dgn