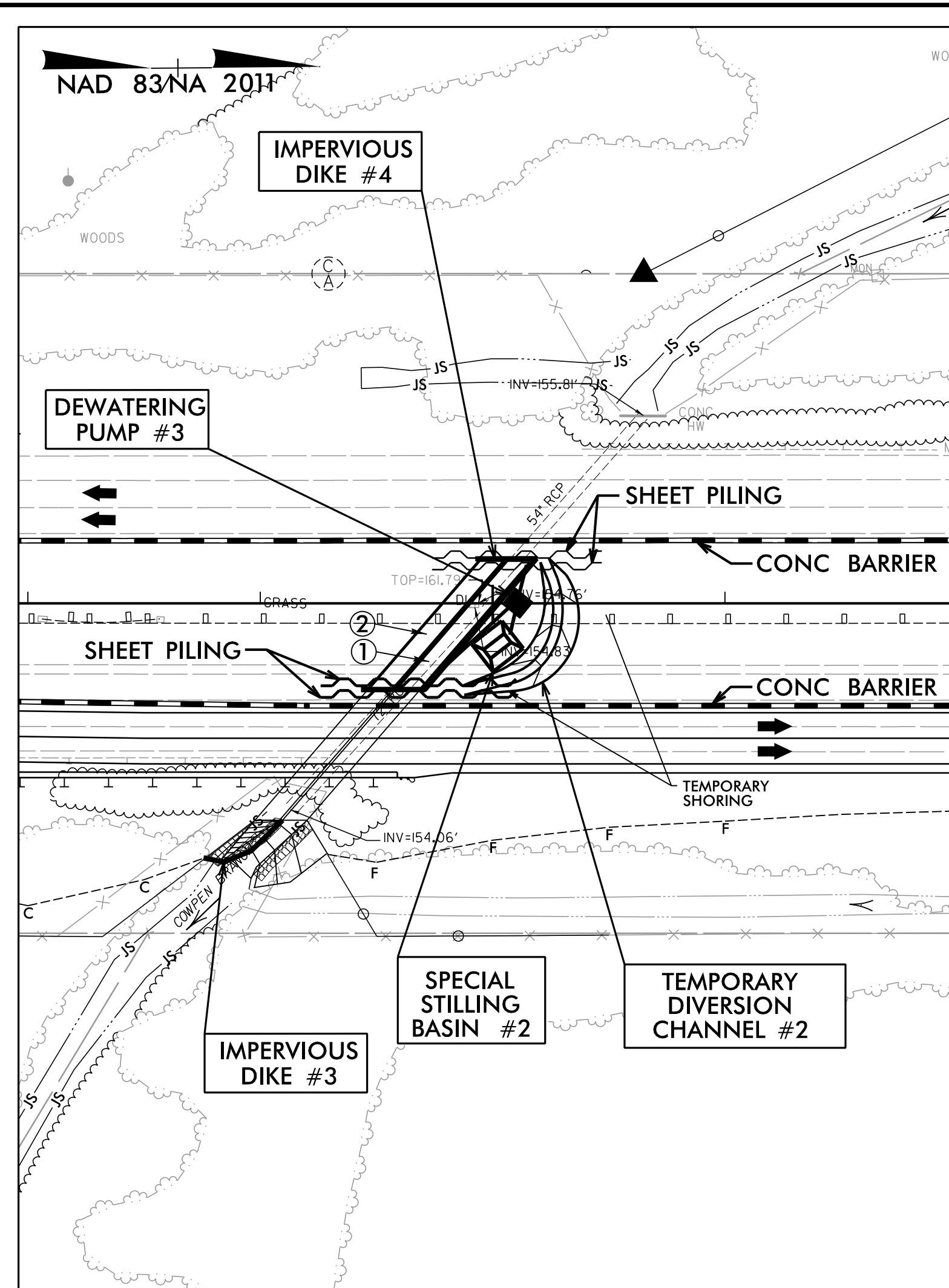


**CONSTRUCTION SEQUENCE  
STA. 454+90 -L-  
FOR PROPOSED (2) 8' X 7' RCBC**

EXECUTE ALL PHASES OF CONSTRUCTION IN A CONTINUOUS MANNER, AS MUCH AS PERMITTED BY TRAFFIC MANAGEMENT PLAN PHASING.

**PHASE I**

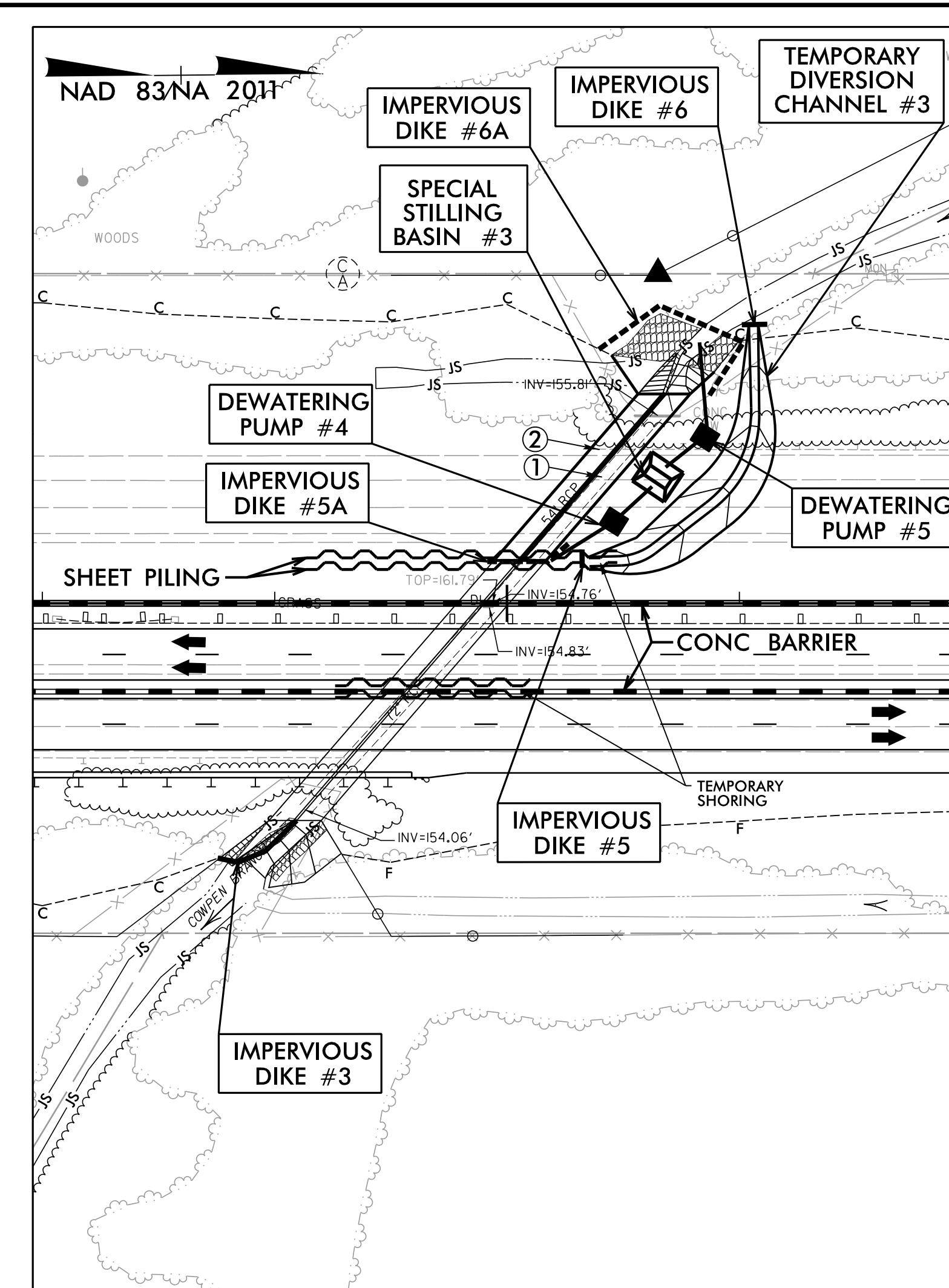
1. SHIFT NORTHBOUND TRAFFIC ONTO THE TEMPORARY PAVEMENT AS SHOWN IN THE TRAFFIC CONTROL PLANS.
2. INSTALL SHEET PILING AS SHOWN ON THE TRAFFIC CONTROL PLANS, LEAVING ENOUGH SPACE BETWEEN ROWS OF SHEET PILING TO MAINTAIN FLOW AREA OF CULVERT BARRELS.
3. CONSTRUCT TEMPORARY DIVERSION CHANNEL #1 WHILE MAINTAINING FLOW IN THE EXISTING CHANNEL AND EXISTING 72" RCP.
4. INSTALL IMPERVIOUS DIKE #1 AND #2. CONSTRUCT IMPERVIOUS DIKE AT AN ELEVATION TO OVERTOP DURING HIGH STREAM LEVELS.
5. INSTALL SPECIAL STILLING BASIN #1 AND DEWATERING PUMP #1.
6. BREAK THE EXISTING 72" RCP AND DIVERT FLOW INTO THE TEMPORARY DIVERSION CHANNEL #1.
7. REMOVE THE EXISTING 72" RCP AND CONSTRUCT THE SECTION OF THE (2) 8' X 7' RCBC, DOWNSTREAM HW, OUTLET CHANNEL AND INSTALL BANK STABILIZATION.
8. REMOVE IMPERVIOUS DIKES #1 AND #2, AND INSTALL IMPERVIOUS DIKE #3 AS SHOWN IN PHASE II. DIVERT FLOW INTO THE NEWLY CONSTRUCTED SECTION #1 OF THE RCBC.
9. REMOVE TEMPORARY DIVERSION CHANNEL #1, SPECIAL STILLING BASIN #1, AND DEWATERING PUMPS #1 AND #2.
10. COMPLETE NBL ROADWAY AND SHIFT NB TRAFFIC ONTO THE NEWLY CONSTRUCTED NB SECTION.



**CONSTRUCTION SEQUENCE  
STA. 454+90 -L-  
FOR PROPOSED (2) 8' X 7' RCBC**

**PHASE II**

1. INSTALL SHEET PILING AS ON THE TRAFFIC CONTROL PLANS, LEAVING ENOUGH SPACE BETWEEN ROWS OF SHEET PILING TO MAINTAIN FLOW AREA OF CULVERT BARRELS.
2. CONSTRUCT TEMPORARY DIVERSION CHANNEL #2 WHILE MAINTAINING FLOW IN THE EXISTING 54"/72" RCP'S.
3. INSTALL IMPERVIOUS DIKE #4. CONSTRUCT IMPERVIOUS DIKE AT AN ELEVATION TO OVERTOP DURING HIGH STREAM LEVELS. INSTALL SPECIAL STILLING BASIN #2 AND DEWATERING PUMP #3.
4. BREAK THE EXISTING 54" RCP AND DIVERT FLOW INTO THE TEMPORARY DIVERSION CHANNEL #2.
5. REMOVE THE EXISTING 54" RCP & 72" RCP LOCATED BETWEEN THE INTERIOR SHEET PILING.
6. CONSTRUCT SECTIONS #1 AND #2 OF THE (2) 8' X 7' RCBC AS SHOWN.
7. REMOVE IMPERVIOUS DIKE #4 AND DIVERT FLOW THROUGH NEW SECTION OF BARREL #1.
8. REMOVE TEMPORARY DIVERSION CHANNEL #2, SPECIAL STILLING BASIN #2, AND DEWATERING PUMP #3.
9. CONSTRUCT THE WESTERN SECTION OF THE NBL AS SHOWN ON THE TRAFFIC CONTROL PLANS AND SHIFT SB TRAFFIC ONTO THE WESTERN NORTHBOUND LANES.

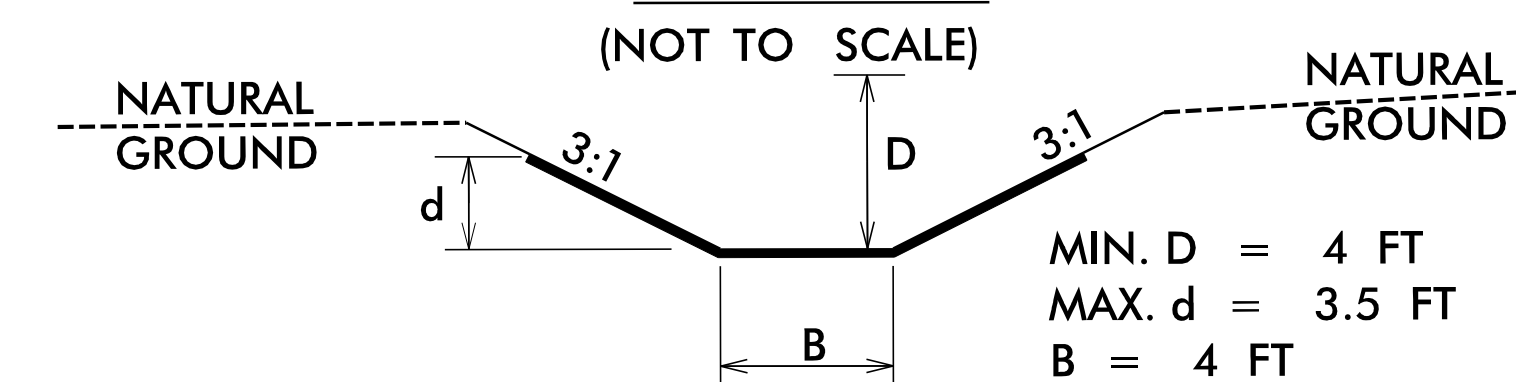


**CONSTRUCTION SEQUENCE  
STA. 454+90 -L-  
FOR PROPOSED (2) 8' X 7' RCBC**

**PHASE III**

1. INSTALL IMPERVIOUS DIKES #5 AND #6.
2. CONSTRUCT TEMPORARY DIVERSION CHANNEL #3 WHILE MAINTAINING FLOW IN THE EXISTING 54" RCP AND THE NEWLY CONSTRUCTED SECTION #1 OF THE RCBC.
3. REMOVE IMPERVIOUS DIKES #5 AND #6 AND DIVERT WATER INTO TEMPORARY DIVERSION CHANNEL #3.
4. INSTALL IMPERVIOUS DIKES #5A AND #6A. CONSTRUCT IMPERVIOUS DIKES AT AN ELEVATION TO OVERTOP DURING HIGH STREAM LEVELS.
5. INSTALL SPECIAL STILLING BASIN #3, AND DEWATERING PUMPS #4 AND #5.
6. REMOVE THE EXISTING 54" RCP AND HW.
7. CONSTRUCT THE REMAINING SECTION OF THE (2) 8' X 7' RCBC, HW, AND INSTALL BANK STABILIZATION AS SHOWN.
8. REMOVE IMPERVIOUS DIKES #5A AND #6A AND DIVERT FLOW INTO THE NEWLY CONSTRUCTED RCBC. STABILIZE ALL DISTURBED AREA.
9. REMOVE TEMPORARY DIVERSION CHANNEL #3, SPECIAL STILLING BASIN #3, AND DEWATERING PUMPS #4 AND #5.
10. COMPLETE ROADWAY AND SHIFT SB TRAFFIC ON THE NEWLY BUILT SECTION OF THE SBL.

**TEMPORARY DIVERSION CHANNEL**



MIN. D = 4 FT  
MAX. d = 3.5 FT  
B = 4 FT

TYPE OF LINER =  
GEOTEXTILE FOR  
SOIL STABILIZATION

4/7/2022 R:\E:\Environmental\Design\15987A\_EC\_PSH\_029A.dgn samuel.sek@dot.ca