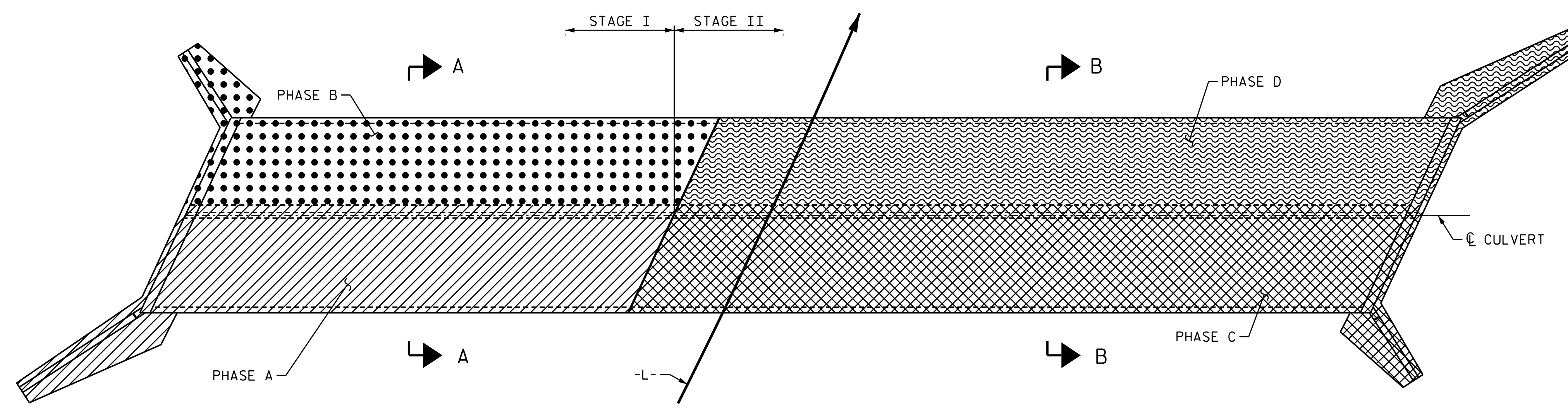
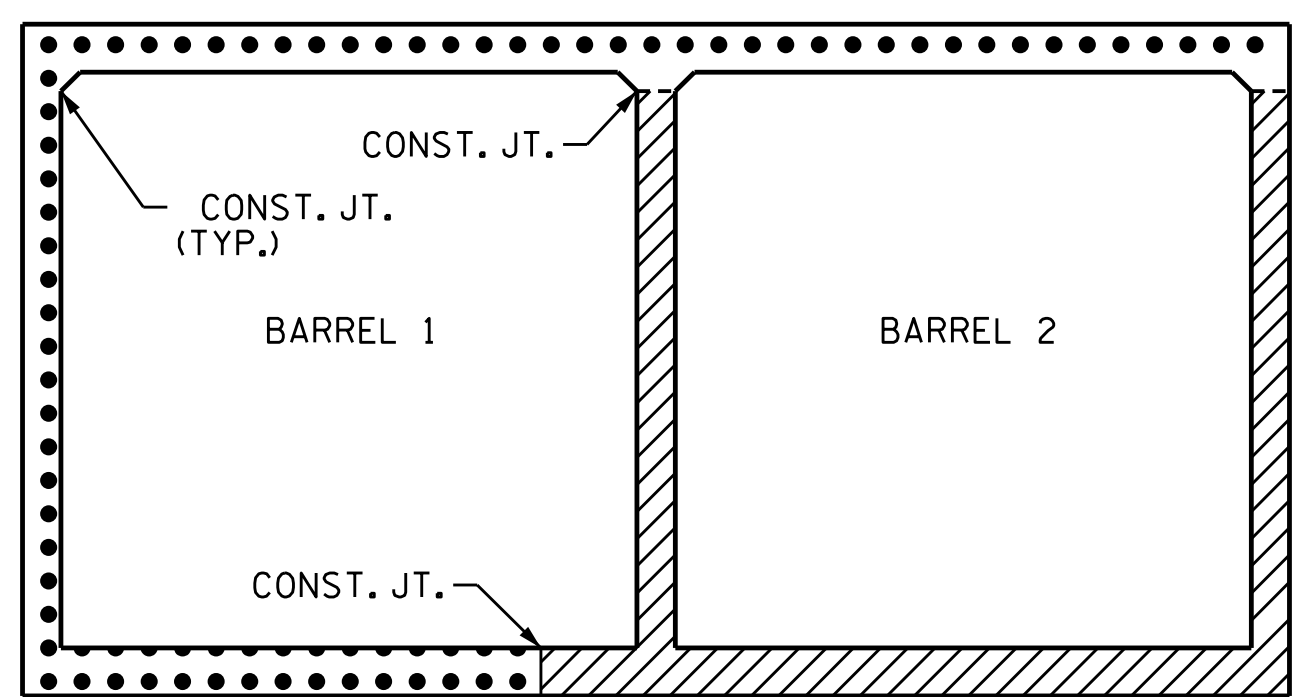


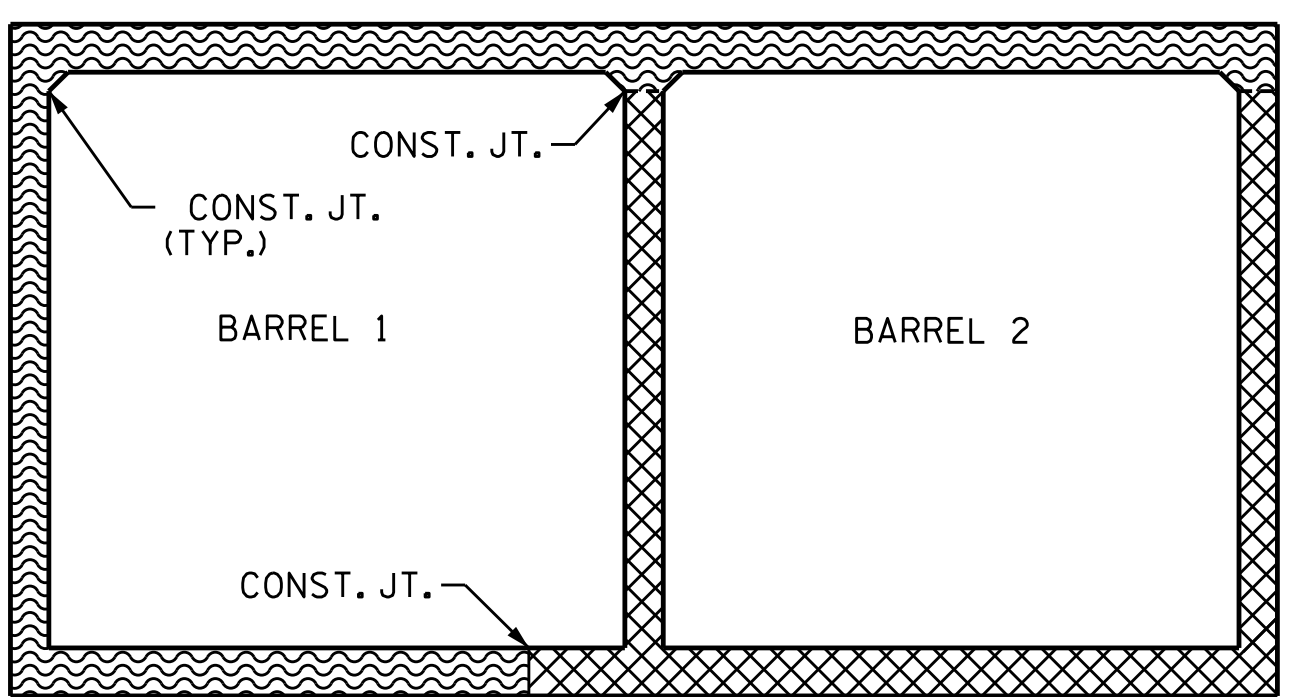
CULVERT LAYOUT



PLAN OF FLOOR SLAB



SECTION A-A



SECTION B-B

STAGE I (PHASE A)
 STAGE I (PHASE B)

STAGE II (PHASE C)
 STAGE II (PHASE D)

CONCRETE IN CULVERT TO BE POURED IN THE FOLLOWING ORDER:

STAGE I:

PHASE A
 CONSTRUCT WING W1 FOOTING AND WALL TO CONSTRUCTION JOINT, BARREL 2 FLOOR SLAB, 1'-0" FLOOR SLAB EXTENSION INTO BARREL 1, 4" HEIGHT OF BARREL 2 WALLS (EXTERIOR AND INTERIOR) TO CONSTRUCTION JOINT, LOWER CURTAIN WALL AT CULVERT INLET OF BARREL 2 TO CONSTRUCTION JOINT, AND LOWER EDGE BEAM OF BARREL 2 TO CONSTRUCTION JOINT.

CONSTRUCT REMAINING PORTION OF BARREL 2 WALLS (EXTERIOR AND INTERIOR) ABOVE CONSTRUCTION JOINT AND WING W1 ABOVE CONSTRUCTION JOINT TO FULL HEIGHT.

PHASE B
 CONSTRUCT WING W2 FOOTING AND WALL TO CONSTRUCTION JOINT, REMAINING BARREL 1 FLOOR SLAB, 4" HEIGHT OF BARREL 1 WALL (EXTERIOR) TO CONSTRUCTION JOINT, REMAINING LOWER CURTAIN WALL AT CULVERT INLET OF BARREL 1 TO CONSTRUCTION JOINT, AND REMAINING LOWER EDGE BEAM OF BARREL 1 TO CONSTRUCTION JOINT.

CONSTRUCTION REMAINING PORTION OF BARREL 1 WALL (EXTERIOR) ABOVE CONSTRUCTION JOINT AND WING W2 ABOVE CONSTRUCTION JOINT TO FULL HEIGHT.

CONSTRUCT, ROOF SLAB, UPPER EDGE BEAM AT CONSTRUCTION JOINT, AND HEADWALL AT INLET END.

STAGE II:

PHASE C
 CONSTRUCT WING W3 FOOTING AND WALL TO CONSTRUCTION JOINT, BARREL 2 FLOOR SLAB, 1'-0" FLOOR SLAB EXTENSION INTO BARREL 1, 4" HEIGHT OF BARREL 2 WALLS (EXTERIOR AND INTERIOR) TO CONSTRUCTION JOINT, LOWER CURTAIN WALL AT CULVERT OUTLET OF BARREL 2 TO CONSTRUCTION JOINT, AND LOWER EDGE BEAM OF BARREL 2 TO CONSTRUCTION JOINT.

CONSTRUCT REMAINING PORTION OF BARREL 2 WALLS (EXTERIOR AND INTERIOR) ABOVE CONSTRUCTION JOINT AND WING W3 ABOVE CONSTRUCTION JOINT TO FULL HEIGHT.

PHASE D
 CONSTRUCT WING W4 FOOTING AND WALL TO CONSTRUCTION JOINT, REMAINING BARREL 1 FLOOR SLAB, 4" HEIGHT OF BARREL 1 WALL (EXTERIOR) TO CONSTRUCTION JOINT, REMAINING LOWER CURTAIN WALL AT CULVERT OUTLET OF BARREL 1 TO CONSTRUCTION JOINT, AND REMAINING LOWER EDGE BEAM OF BARREL 1 TO CONSTRUCTION JOINT.

CONSTRUCTION REMAINING PORTION OF BARREL 1 WALL (EXTERIOR) ABOVE CONSTRUCTION JOINT, AND WING W4 ABOVE CONSTRUCTION JOINT TO FULL HEIGHT.

CONSTRUCT ROOF SLAB, UPPER EDGE BEAM AT CONSTRUCTION JOINT, AND HEADWALL AT OUTLET END.

NOTE:
 FOR TRAFFIC PHASING AND SHORING REQUIREMENTS,
 SEE PROJECT TRANSPORTATION MANAGEMENT PLANS

PROJECT NO. R-3833C
IREDELL COUNTY
 STATION: 36+00.33 -L-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STAGING DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-03
1			3			TOTAL SHEETS
2			4			16

DRAWN BY : J. B. GETLE DATE : 08/01/19
 CHECKED BY : M. B. ISENHOUR DATE : 02/06/20
 DESIGN ENGINEER OF RECORD : M. B. ISENHOUR DATE : 05/04/23

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 SIGNATURES COMPLETED

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