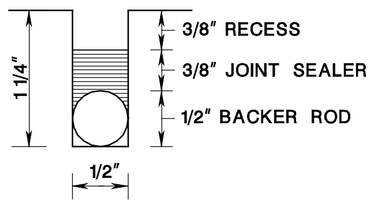
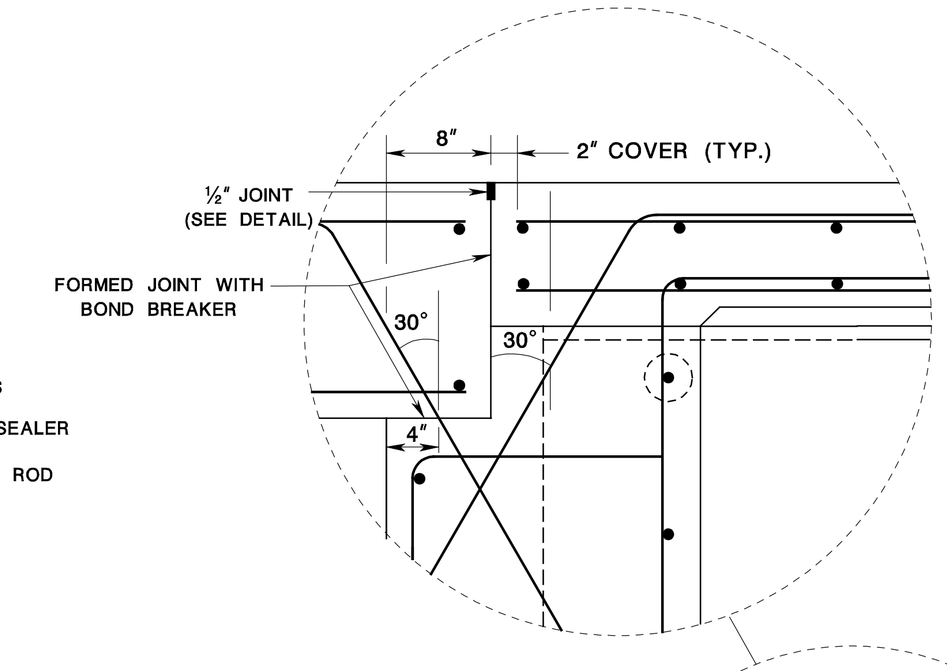
STATE	FEDERAL PROJECT NO.	SHEET	TOTAL SHEETS
N. J.			

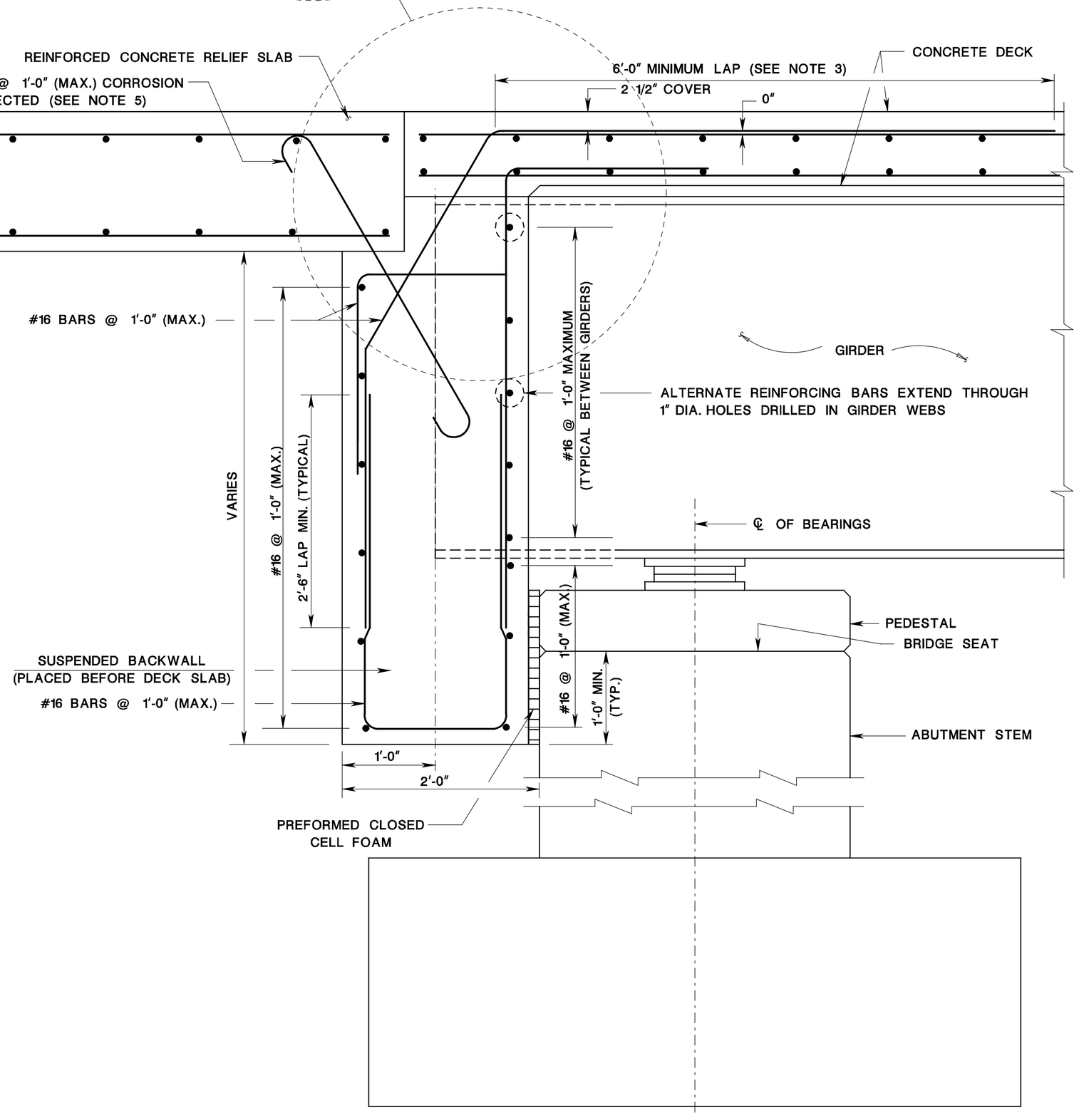
STRUCTURE NO.

STRUCTURE NAME



1/2" JOINT DETAIL





SEMI-INTEGRAL ABUTMENT DETAIL
(SECTION AT ABUTMENT)

NOTE TO DESIGNER:

DETAILING INCLUDED WITHIN THIS DRAWING MAY BE UTILIZED IN PREPARING CONTRACT PLANS. HOWEVER, IN CONFORMANCE WITH THE PROVISIONS OF SECTION 15 OF THIS MANUAL, ALTERNATIVE DETAILING MAY BE PROVIDED.

NOTES TO DESIGNER

1. THE GAP BETWEEN THE ABUTMENT STEM AND BACKWALL SHALL BE SET AT 2" PLUS THE EXPECTED MOVEMENT FOR STEEL STRUCTURES FOR TEMPERATURE EFFECTS
2. BEARING STIFFENERS AND DIAPHRAGMS ARE REQUIRED AT THE ℄ OF BEARINGS.
3. TOP DECK REINFORCEMENT SHOULD BE DESIGNED FOR NEGATIVE MOMENT DEVELOPED FROM BACKWALL AND RELIEF SLAB.
4. EXCAVATION AND EMBANKMENT DETAILS FOR SEMI-INTEGRAL ABUTMENTS ARE GENERALLY THE SAME AS FOR CONVENTIONAL ABUTMENTS.
5. ALL REINFORCING BARS IN DECK SLAB, RELIEF SLAB AND SUSPENDED BACKWALL SHALL BE CORROSION PROTECTED. (REFER TO SECTION 26 OF THIS MANUAL FOR TYPES OF CORROSION PROTECTED REINFORCEMENT STEEL THAT CAN BE USED)

CONTROL SECTION		JOB NO.	
DES. BY		CHK. BY	
DWN. BY		CHK. BY	
EST. BY		CHK. BY	
SPECS. BY			

IN CHARGE OF

BDC04MB-01

BDC04MB-01

STANDARD DRAWING PLATE 2.5-6

NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

SEMI-INTEGRAL ABUTMENT DETAILS

ROUTE : SECTION :

MUNICIPALITY COUNTY

SCALE : NONE

BRIDGE
SHEET NO. ____ OF ____