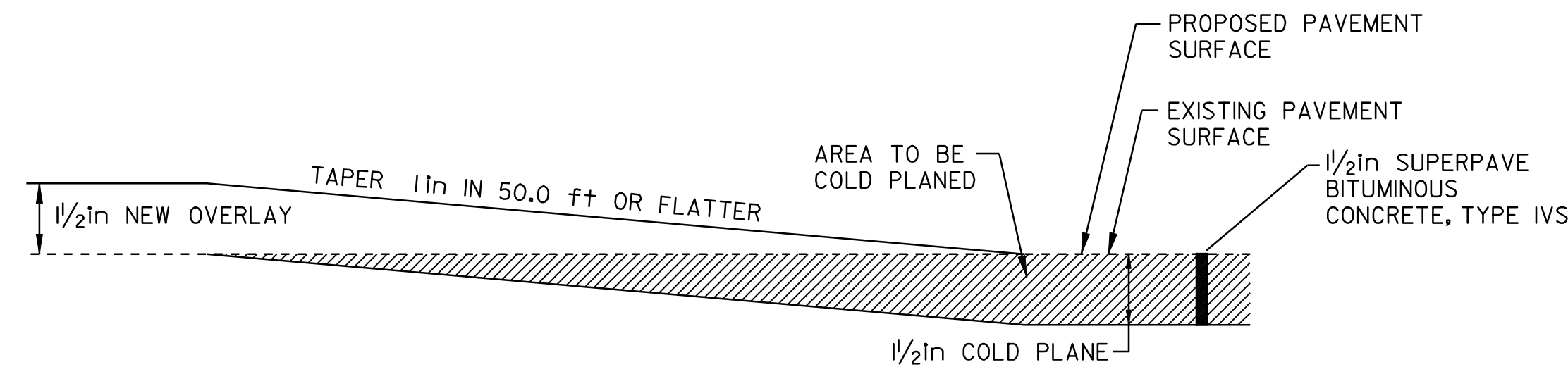


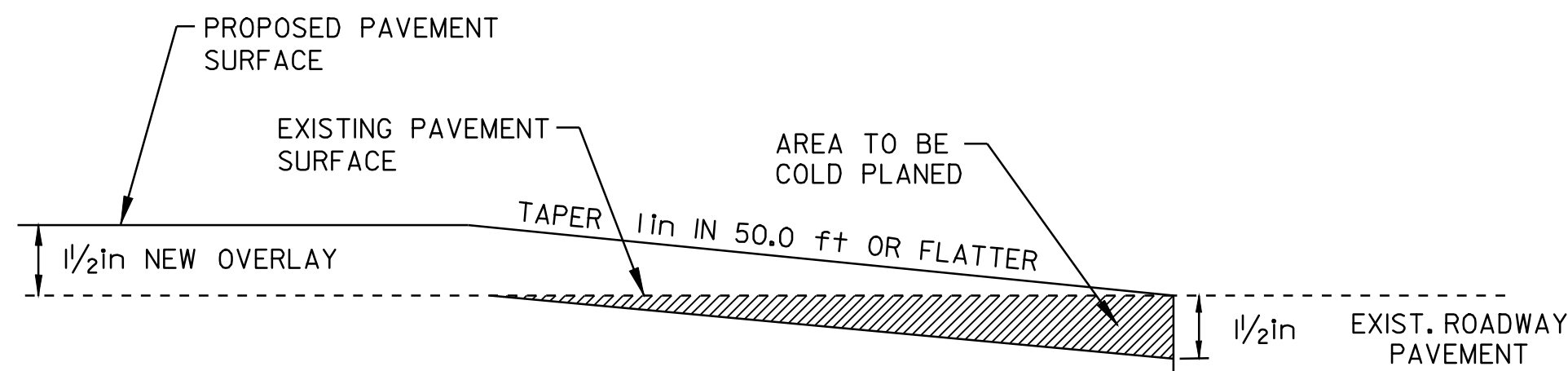
**- APPROACH AREA DETAIL -**

**MILTON**  
**STA 4+96 TO 5+71 (BEGIN PROJECT)**



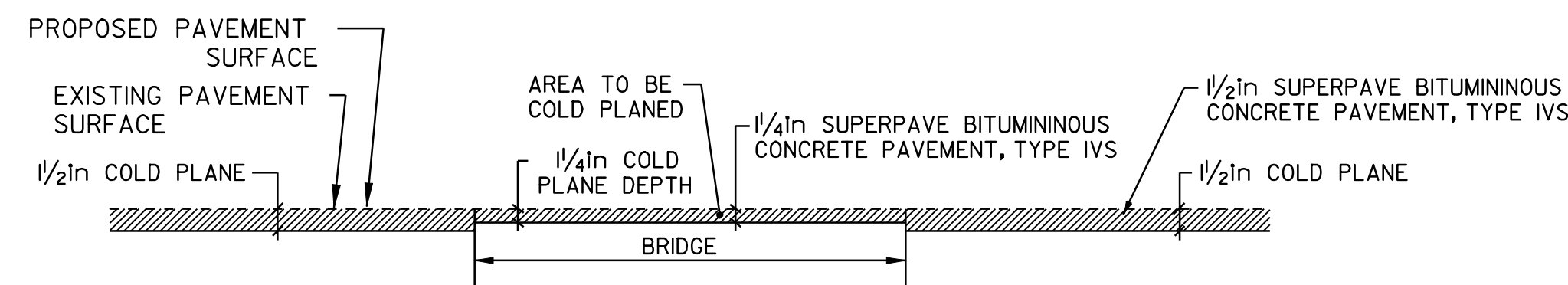
**- TRANSITION AREA DETAIL -**

**MILTON**  
**STA 207+75 TO 208+50 (END OVERLAY/BEGIN COLD PLANE)**  
**STA 278+25 TO 279+00 (END COLD PLANE/BEGIN OVERLAY)**



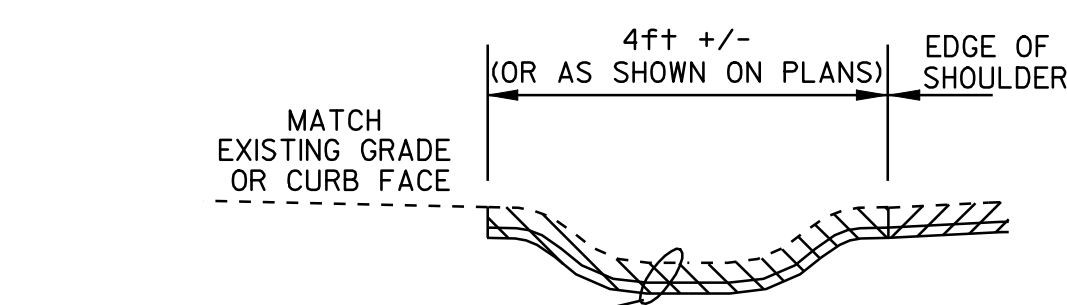
**- APPROACH AREA DETAIL -**

**GEORGIA**  
**STA 46+72 TO 47+47 (END PROJECT)**



**- COLD PLANING DETAIL @ BRIDGE -**

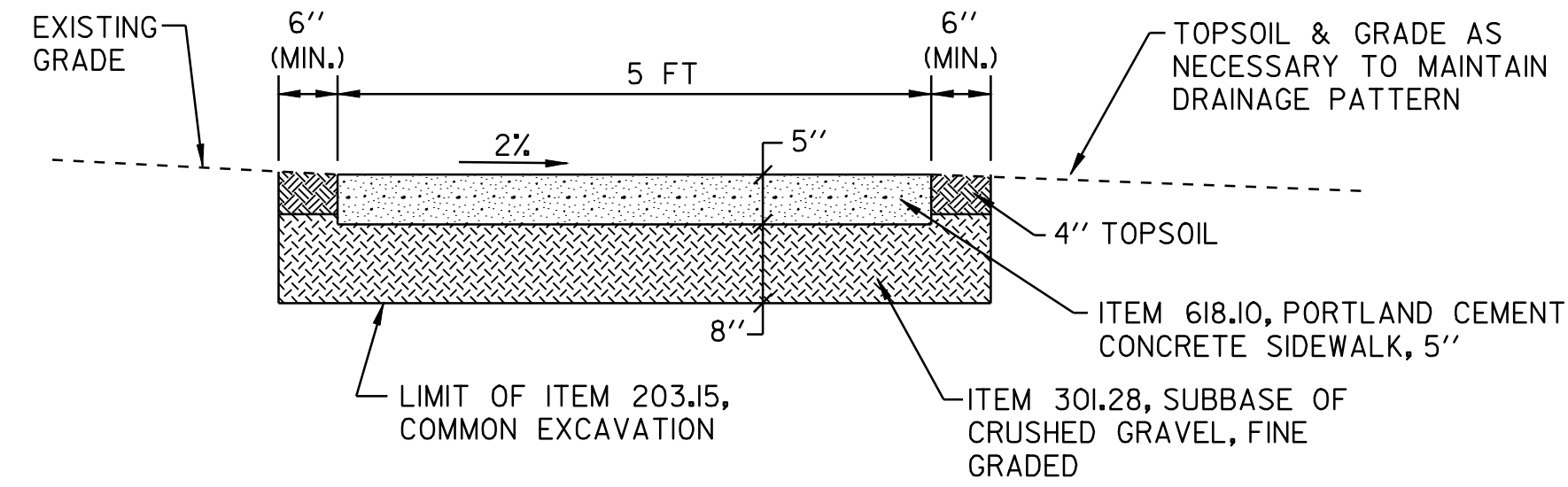
**MILTON**  
**BRIDGE #162 - STA 269+55**



REPLACE EXISTING BITUM. CONCRETE GUTTER  
- 2-1/2" LIFTS TYPE IVS  
- REMOVAL TO BE PAID AS COMMON EXCAVATION OF EARTH ITEM 203.15

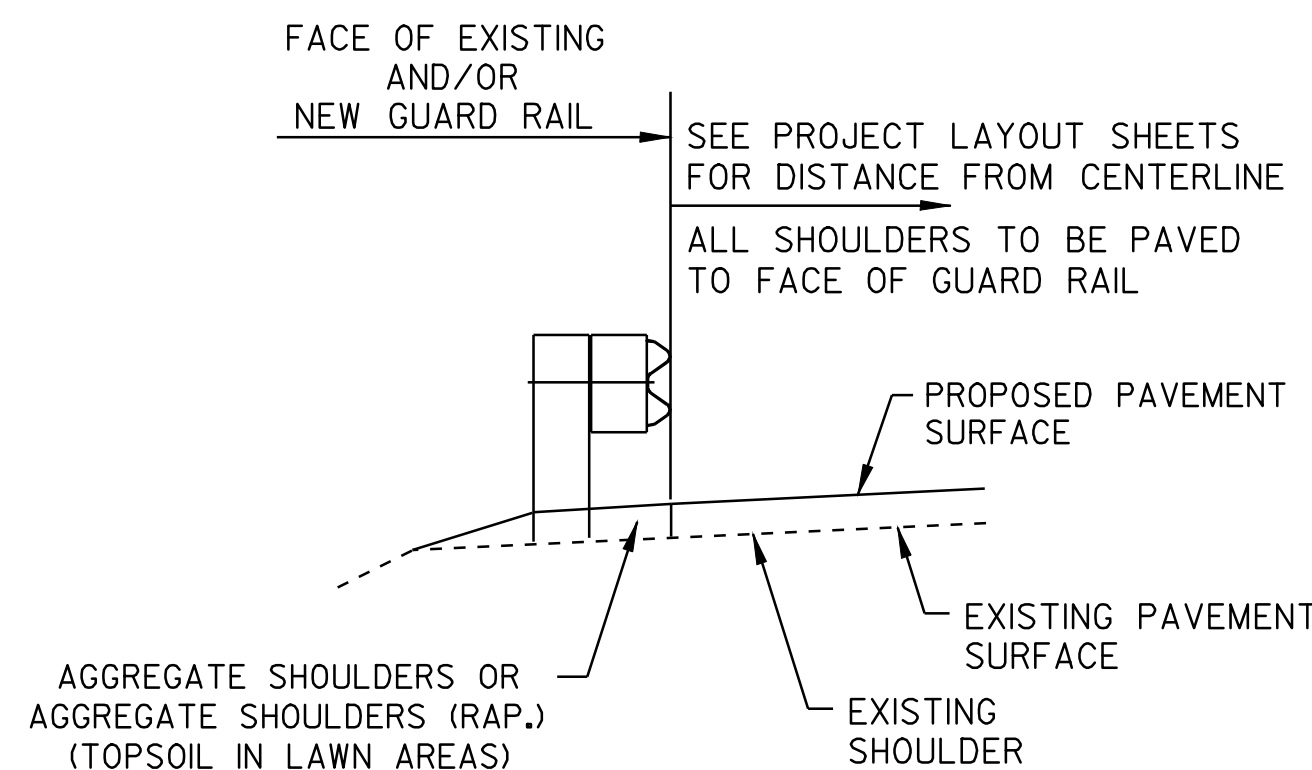
**BITUMINOUS CONCRETE GUTTER DETAIL**

**MILTON**  
STA 220+38 TO 241+00 RT  
STA 235+75 TO 239+75 LT  
STA 244+55 TO 250+50 RT  
STA 257+75 TO 263+80 RT  
STA 257+80 TO 260+90 LT



**NEW CONCRETE SIDEWALK**

**MILTON**  
**STA 194+15 TO 195+45 RT**



**- TYPICAL SECTION AT GUARD RAIL -**

**CONSERVATION SEED MIX**  
RURAL AREA - SEED MIXTURE

% WT.	lbs./ACRE	NAME	PUR%	GERM%
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3	RED TOP	95	90
15.0	9	BIRDSFOOT TREFLOIL	98	85
5.0	3	ANNUAL RYEGRASS	95	85
100.0	60			

SEED MIXTURE:  
SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

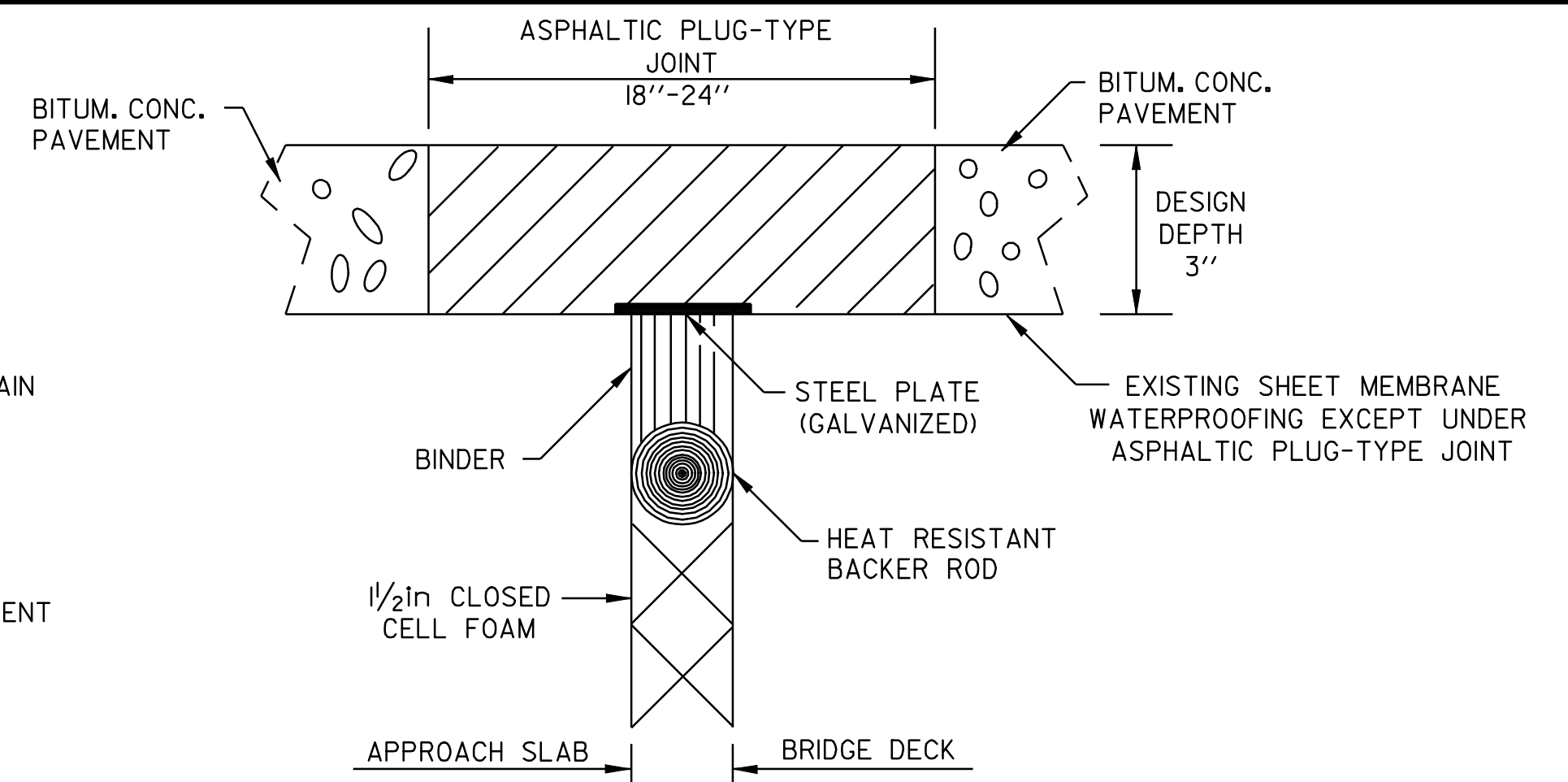
SEED:  
TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER:  
FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 lbs./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE:  
TO BE APPLIED AT THE RATE OF 2.0 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH:  
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2.0 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

TOPSOIL:  
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.



**- ASPHALTIC PLUG TYPE JOINT DETAIL -**  
**LOCATION**  
**MILTON**

BRIDGE #162 (33ft) - STA 267+78  
BRIDGE #162 (33ft) - STA 271+32

**- ASPHALTIC PLUG BRIDGE JOINT -**  
**GENERAL NOTES**

**INSTALLATION:**

1. THE JOINT SHALL BE LOCATED CENTRALLY OVER THE DECK EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURERS RECOMMENDED WIDTH.
2. THE JOINT SHALL BE EXCAVATED AS SHOWN ON THE PLANS BY USE OF SAWS AND PNEUMATIC HAMMER OR A HAMMER AND CHISEL.
3. THE JOINT SHALL BE BLAST CLEANED OF DEBRIS AND ASPHALT. THE JOINT AREA SHALL BE THOROUGHLY DRIED USING HOT COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. SPALLED AND DEFECTIVE CONCRETE SHALL BE REPAIRED WITH AN APPROVED MATERIAL AS AGREED UPON BY THE RESIDENT ENGINEER.
5. PROPERLY SIZED HEAT RESISTANT BACKER ROD SHALL BE PLACED IN THE MOVEMENT GAP ALLOWING FOR 1 INCH +/- OF BINDER ABOVE THE ROD.
6. THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4 INCH THICK BY 8 INCH WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO THE BACKER ROD AND COVER WITH HOT BINDER.
  - a. THE STEEL PLATES MAY BE OMITTED WHERE THE APPROACH SLAB IS COVERED WITH A STONE BASE OR BITUMINOUS PAVEMENT, AND VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
8. THE BINDER MATERIAL AND AGGREGATE SHALL BE HEATED AND MIXED AS RECOMMENDED BY THE MANUFACTURER.
9. THE INSTALLATION OF MATERIAL, COMPACTION AND TOPCOATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOPCOATING, AN ANTI-SKID MATERIAL SHALL BE CAST OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. JOINT SHALL BE PROTECTED FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 125 DEGREES F +/-.

**WEATHER LIMITATIONS:**

1. BINDER MATERIAL SHALL BE APPLIED ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL:
  - a. THE AMBIENT AIR TEMPERATURE IS AT LEAST 50 DEGREES F AND RISING.
  - b. THE ROAD SURFACE IS SUFFICIENTLY DRY.
  - c. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF THE SATISFACTORY WORK.

**PROJECT TYPICAL SHEET #2**

DESIGNED BY	BCE/PJM	DATE	8-06
DRAWN BY	C.E.A., INC.	DATE	8-06
DESIGN FILE NO.	05c158.dgn		
PRF FILE	05c158+yp2.1	DATE PLOTTED	19-MAY-2009 12
PROJ. NAME	MILTON - GEORGIA		
PROJ. NO.	STP 2510(1)S		
SHEET	3	OF	44 SHEETS