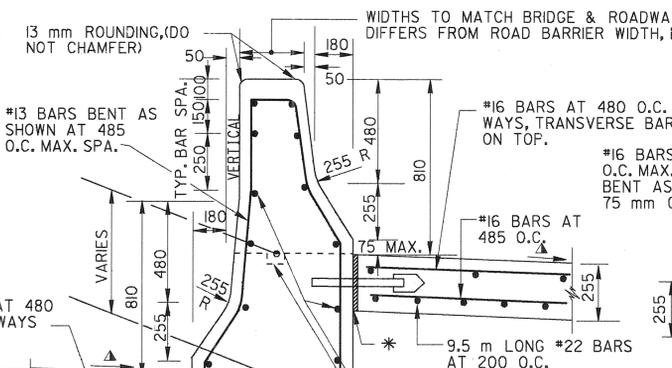
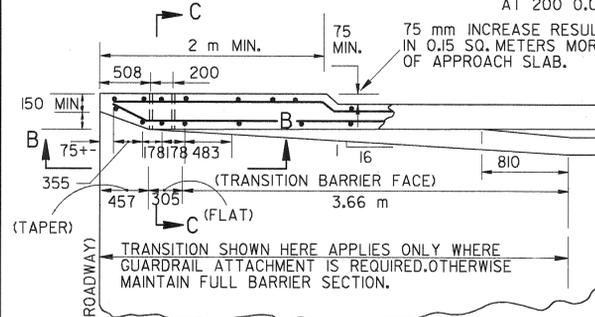


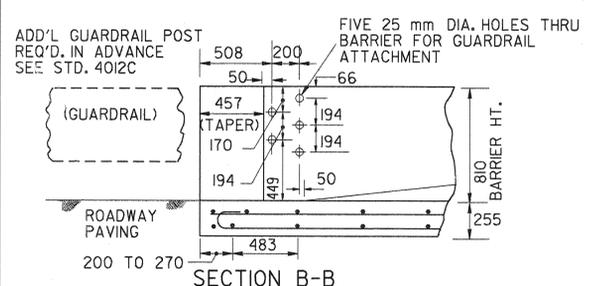
**SECTION A-A**  
SIDE BARRIER ON APPROACH SLAB IS APPLICABLE WHERE SIDE BARRIER IS CONTINUED ALONG ROADWAY OR WHERE GUARDRAIL CANNOT BE ATTACHED AT BRIDGE END, NORMALLY BRIDGE SIDE BARRIER IS TRANSITIONED TO END POST ON BRIDGE.



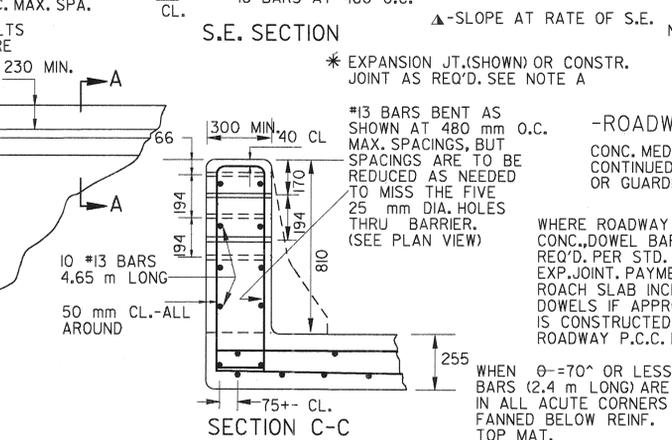
**S.E. SECTION**  
KEYED CONSTR. JOINTS OPTIONAL  
-SLOPE AT RATE OF S.E.  
\* EXPANSION JT.(SHOWN) OR CONSTR. JOINT AS REQ'D. SEE NOTE A



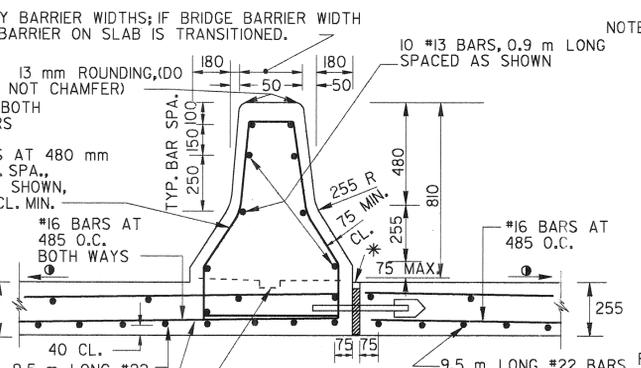
**PLAN VIEW: SIDE BARRIER TRANSITION FOR GUARDRAIL ATTACHMENT**  
TRANSITION SHOWN HERE APPLIES ONLY WHERE GUARDRAIL ATTACHMENT IS REQUIRED. OTHERWISE MAINTAIN FULL BARRIER SECTION.



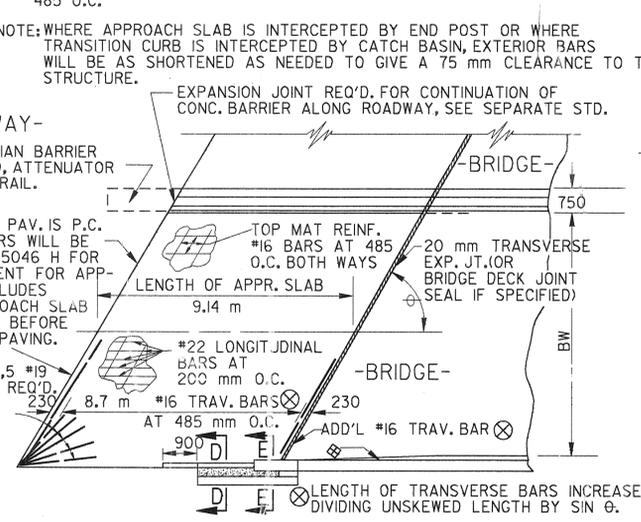
**SECTION B-B**  
NOTE: WHERE GUARDRAIL IS REQ'D, SEE STANDARD 4270 FOR SPECIAL END SHOE ATTACHMENT. REDUCED POST SPACINGS SHALL BE REQUIRED, (SEE STD. 4012C OR OTHER APPLICABLE DETAIL.) PAYMENT FOR APPROACH SLAB INCLUDES BARRIER TRANSITION WITH FIVE 25 mm DIA. HOLES PROPERLY LOCATED WHERE GUARDRAIL IS REQUIRED. PAYMENT FOR GUARDRAIL INCLUDES SPECIAL END SHOE, GUARDRAIL, POSTS, ETC.



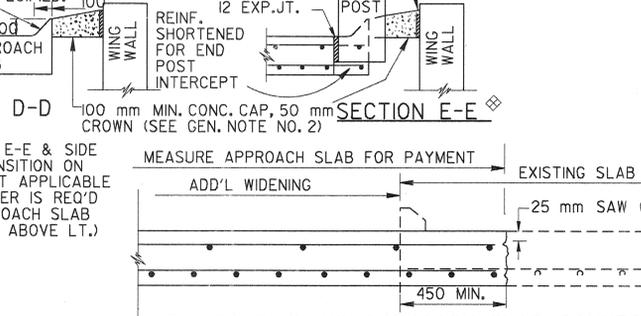
**SECTION C-C**  
NOTE: WHERE ROADWAY PAV. IS P.C. CONC., DOWEL BARS WILL BE REQ'D. PER STD. 5046 H FOR EXP. JOINT. PAYMENT FOR APPROACH SLAB INCLUDES DOWELS IF APPROACH SLAB IS CONSTRUCTED BEFORE ROADWAY P.C.C. PAVING.



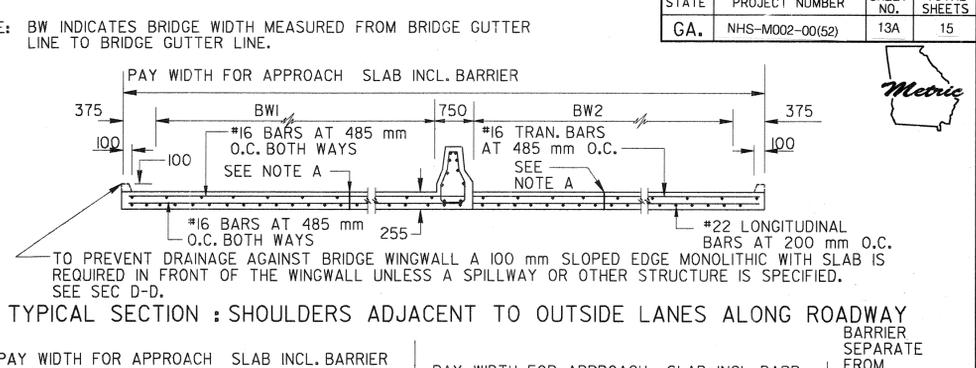
**NORMAL SECTION**  
KEYED CONSTRUCTION JOINT OPTIONAL  
\* NORMAL CROSS SLOPE



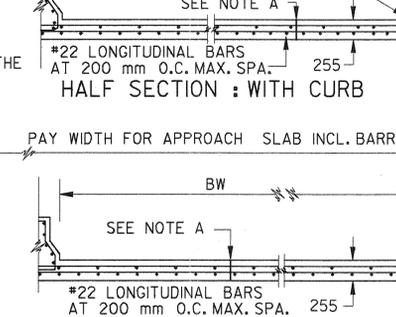
**SECTION D-D**  
NOTE: LONGITUDINAL 25 mm EXPANSION JOINT IS SHOWN AS TYPICAL AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO ALIGN WITH BRIDGE JOINT. WHEN LOCATED IN CENTER OF BARRIER, EXPANSION JOINT MATERIAL SHALL EXTEND TO THE TOP OF BARRIER.



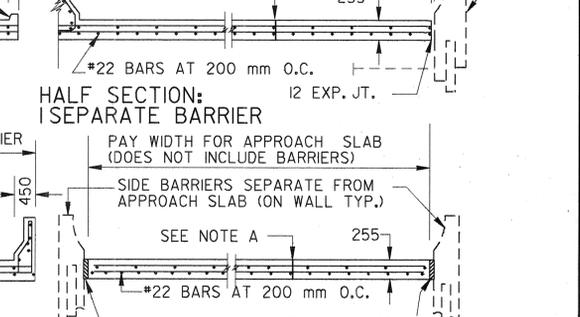
**SECTION E-E**  
REINFORCED CONCRETE APPROACH SLAB INCLUDING BARRIER INDICATES THAT ONE OR MORE CONCRETE BARRIERS (SIDE OR MEDIAN) ARE REQUIRED ON THE APPROACH SLAB. IF APPROACH SLAB REQUIRES CURB OR SLOPED EDGE AS WELL AS CONCRETE BARRIER, THE ENTIRE SLAB IS TO BE ITEMIZED AS REINFORCED CONCRETE APPROACH SLAB INCLUDING BARRIER.



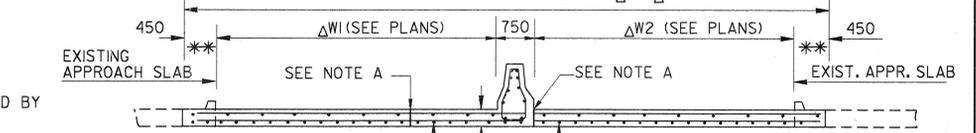
**TYPICAL SECTION: SHOULDERS ADJACENT TO OUTSIDE LANES ALONG ROADWAY**  
TO PREVENT DRAINAGE AGAINST BRIDGE WINGWALL A 100 mm SLOPED EDGE MONOLITHIC WITH SLAB IS REQUIRED IN FRONT OF THE WINGWALL UNLESS A SPILLWAY OR OTHER STRUCTURE IS SPECIFIED. SEE SEC D-D.



**HALF SECTION: WITH CURB**



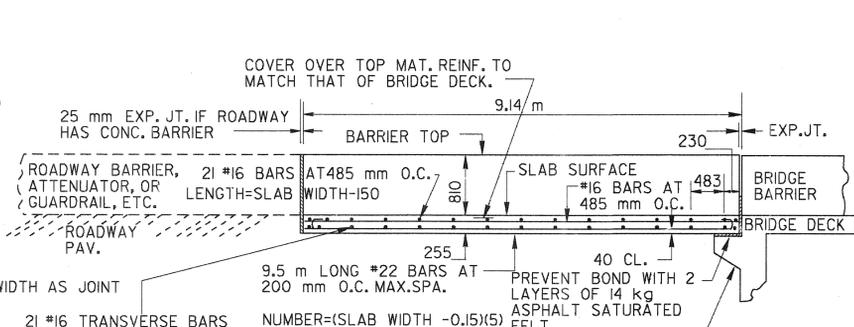
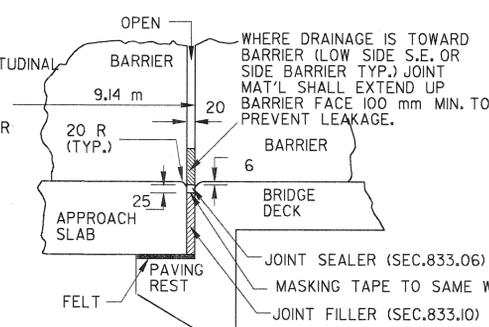
**HALF SECTION: SEPARATE BARRIER**



**TYPICAL SECTION: ADDITIONAL LANES REQUIRED IN MEDIAN**  
\*\*SEE DETAILS AT LEFT FOR CONNECTING NEW & EXISTING APPROACH SLAB

- GENERAL NOTES:**
1. REINFORCED CONCRETE APPROACH SLAB INCLUDING BARRIER INDICATES THAT ONE OR MORE CONCRETE BARRIERS (SIDE OR MEDIAN) ARE REQUIRED ON THE APPROACH SLAB. IF APPROACH SLAB REQUIRES CURB OR SLOPED EDGE AS WELL AS CONCRETE BARRIER, THE ENTIRE SLAB IS TO BE ITEMIZED AS REINFORCED CONCRETE APPROACH SLAB INCLUDING BARRIER.
  2. THE 100 mm CONCRETE CAP ADJACENT TO APPROACH SLAB WILL HAVE HOLES BLOCKED OUT FOR GUARDRAIL POST INSTALLATION (STD. 4012C) UNLESS IT HAS BEEN VERIFIED THAT GUARDRAIL IS NOT REQUIRED. PAYMENT FOR APPROACH SLAB INCLUDES THE 12 mm EXP. MATERIAL & CONC. CAP. WITH THE BLOCKED OUT HOLES.
  3. SEE SEPARATE SHEETS FOR SUBBASE OR OTHER MATERIALS UNDER APPROACH SLAB.

- NOTES FOR JOINTS.**
- ALL APPROACH SLABS EXCEEDING 12.8 m IN WIDTH WILL CONTAIN A LONGITUDINAL CONSTRUCTION JOINT, APPROACH SLABS EXCEEDING 18.3 m AND 27.4 m IN WIDTH SHALL CONTAIN 2 AND 3 LONGITUDINAL CONSTRUCTION JOINTS RESPECTIVELY. LONGITUDINAL EXPANSION JOINTS SHALL BE REQUIRED IF APPROACH SLAB IS OVER 30.5 m IN WIDTH OR WHERE BRIDGE HAS A LONGITUDINAL EXPANSION JOINT, THE APPROACH SLAB EXPANSION JOINT SHALL BE ALIGNED TO MATCH SECTIONS BETWEEN JOINTS OR BETWEEN THE SLAB EDGE AND A JOINT SHALL NOT BE LESS THAN 3.7 m OR MORE THAN 9.1 m WIDE. JOINTS SHALL BE LOCATED AT LANE LINES TO PROVIDE OFFSET FROM WHEEL PATHS. APPROACH SLABS WITH LONGITUDINAL CONSTRUCTION JOINTS SHALL BE MADE WITH MORE THAN ONE POUR. REINFORCING STEEL SHALL EXTEND THRU CONSTRUCTION JOINT UNCHANGED, BUT NOT THRU EXPANSION JOINT.
  - TRANSVERSE JOINT BETWEEN APPROACH SLAB AND BRIDGE SHALL BE A 20 mm EXPANSION JOINT AS SHOWN UNLESS SPECIFIED OTHERWISE. SEE SEPARATE SHEET WHERE BRIDGE DECK JOINT SEAL IS SPECIFIED. IF BRIDGE DECK JOINT SEAL IS USED BETWEEN THE APPROACH SLAB AND BRIDGE, THE END OF SLAB ADJACENT TO END POST WILL BE SEALED WITH LOW MODULUS SILICONE SEALANT.



**DEPARTMENT OF TRANSPORTATION**  
STATE OF GEORGIA

**STANDARD**  
9.14 m LENGTH  
REINFORCED CONCRETE APPROACH SLAB  
(WITH CONCRETE BARRIER)  
(METRIC)

OCT. 1996

NUMBER 9017M

DES. (SUBMITTED)	DATE
TRA. (APPROVED)	DATE
CHK.	DATE

NOTE: REBAR SIZES ARE PER ASTM A615M, SI UNITS. EQUIVALENT U.S. STANDARD SIZE AND/OR EQUAL STEEL AREAS WILL BE ALLOWED.

NOTE: DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.