THREE-BEAM TERMINAL CONNECTOR

NOTES:
1. THE THREE-BEAM TERMINAL CONNECTOR IS TO BE ASHHTO M 180 CONFORMING SHEET STEEL, CLASS B, TYPE 1.
2. ALTERNATIVELY, THE SPICE SLOTS CAN BE ORIENTED PARALLEL TO THE LONGITUDINAL AXES OF THE TERMINAL CONNECTOR. HOWEVER, THE 90° SLOT VERSION IS EASIER TO INSTALL WHERE SEVERAL GUARDRAIL SECTIONS ARE NESTED TOGETHER.

GUARDRAIL SPICE DETAIL

POST 1
- 10' X 10' WOOD POST, 6'-6" LONG, WITH 6' X 6' WOOD BLOCKOUT.
- 22" LONG FOR POSTS 1 AND 2.

POST 2
- 10' X 10' WOOD POST, 6'-6" LONG, WITH 6' X 6' WOOD BLOCKOUT.
- 22" LONG FOR POSTS 3 AND 4.

POST 3
- 10' X 10' WOOD POST, 6'-6" LONG, WITH 6' X 6' WOOD BLOCKOUT.
- 1' LONG FOR POSTS 3 AND 4.

POST 4
- 10' X 10' WOOD POST, 6'-6" LONG, WITH 6' X 6' WOOD BLOCKOUT.
- 1' LONG FOR POSTS 3 AND 4.

POST 5
- 10' X 10' WOOD POST, 6'-6" LONG, WITH 6' X 6' WOOD BLOCKOUT.
- 1' LONG FOR POSTS 3 AND 4.

POST 6
- 10' X 10' WOOD POST, 6'-6" LONG, WITH 6' X 6' WOOD BLOCKOUT.
- 1' LONG FOR POSTS 3 AND 4.

GENERAL NOTES:
1. THIS GUARDRAIL TRANSITION IS APPROPRIATE FOR A CONNECTION TO A VERTICAL CONCRETE SHAPE AND SHOULD NOT BE CONNECTED DIRECTLY TO A VERTICAL SHAPE OF THE GUARDRAIL.
2. GUARDRAIL SAFETY SHAPE BARRIERS SHOULDN'T BE TRANSITIONED TO A VERTICAL SHAPE OF THE GUARDRAIL.
3. THE CONNECTION BRIDGE RAIL END AND BRIDGE PARAPETS MUST BE OF ADEQUATE STRENGTH TO ACCEPT FULL IMPACT LOADING.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADSIDE ENGINEERING DIVISION
STANDARD PLAN
GURDRAIL: BRIDGE END SECTION
(WOOD POSTS)
ISSUE DATE: OCTOBER 1, 1998

STATE PROJECT NO. MISS.
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NOTE: UNLESS SPECIFIED OTHERWISE ON THE PLANS,
1. GUARDRAIL SHALL MEET THE REQUIREMENTS OF AASHTO M 180,
   TYPE "1" TRANSITION IS USED ON BOTH LEFT AND RIGHT RAIL ELEMENTS, SEE AASHTO-AGC-ARTBA JOINT TASK FORCE IN-15 TITLE "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE," LATEST EDITION.
2. HOLES POSITIONS NOT FOUND ON THIS SHEET, SEE SHEET GR-1.
3. GUARDRAIL POST AND BLOCKOUTS SHALL BE TREATED TIMBERS IN ACCORDANCE WITH MISSISSIPPI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
4. ALL WOOD POSTS AND BLOCKOUTS SHALL BE TREATED TIMBERS IN ACCORDANCE WITH MISSISSIPPI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
5. FASTENER DETAILS NOT FOUND ON THIS SHEET, SEE SHEET GR-I.
6. FOR FASTENER DETAILS NOT FOUND ON THIS SHEET, SEE SHEET GR-I.
7. GENERAL NOTES CONTINUED RAIL DETAILS IN BRIDGE DRAWINGS FOR OTHER DETAILS.
8. WOOD POSTS AND BLOCKOUTS ARE FABRICATED FROM TREATED TIMBER UNLESS SPECIFIED OTHERWISE ON THE PLANS.
9. THE GUARDRAIL SECTIONS SHALL BE LAPPED IN THE DIRECTION OF THE APPROACHING TRAFFIC.
10. GUARDRAIL INSTALLATION ON THIS SHEET, SEE GUARDRAIL SPLICE DETAIL ON SHEET GR-1.

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