**BEAM GUARDRAIL TYPE THRIE BEAM (SEE STD. PLAN C-1a.)**

**OUTSIDE ELEVATION AT TYPICAL GUARDRAIL POST**

- **WATER BARRIER PLAN**
  - FACE OF BEAM GUARDRAIL TYPE THRIE BEAM (SEE STD. PLAN C-1a.)
  - TOP OF THREE BEAM ELEMENT
  - MOUNTING BRACKET (SEE BR. SHT. FFF FOR DETAILS)
  - FILL WITH SURFACING MATERIAL APPROVED BY THE ENGINEER.
  - TOP OF HMA OVERLAY AND BALLAST
  - TOP OF EXIST. TIMBER DECK
  - BEAM GUARDRAIL TYPE THRIE BEAM (SEE STD. PLAN C-1a.)

- **GUARDRAIL POST ASSEMBLY**
  - THICKNESS OF SURFACING MATERIAL SHALL BE SUCH THAT THE TOP OF THE VERTICAL WEB OF THE MOUNTING BRACKET SHALL BE ½" BELOW WEARING COURSE SURFACE

- **WATER BARRIER DETAIL**
  - BEARING PLATE (SEE DETAIL ON BR. SHT. ???)
  - 16 GAUGE GALV. SHEET METAL (SAME LENGTH AS THRIE BEAM)
  - WATERPROOF SEAL OF RUBBERIZED ASPHALT BETWEEN SURFACING AND BOTTOM OF WATER BARRIER

- **DETAIL 1**
  - 2 x ø 1½" BOLTS W/ SQUARE WASHER (AASHTO M 164)
  - 16 GAUGE GALV. SHEET METAL (SAME LENGTH AS THRIE BEAM)
  - WATERPROOF SEAL OF RUBBERIZED ASPHALT BETWEEN SURFACING AND BOTTOM OF WATER BARRIER

- **SPICE DETAIL**
  - BEARING PLATE (SEE DETAIL ON BR. SHT. ???)
  - 16 GAUGE GALV. SHEET METAL (SAME LENGTH AS THRIE BEAM)
  - WATERPROOF SEAL OF RUBBERIZED ASPHALT BETWEEN SURFACING AND BOTTOM OF WATER BARRIER

- **BEAM GUARDRAIL TYPE THRIE BEAM (SEE STD. PLAN C-1a.)**
  - WATER BARRIER
  - TOP OF HMA OVERLAY AND BALLAST
  - BEARING PLATE (SEE DETAIL ON BR. SHT. ???)
  - 2 ~ ø 3" x 3½" WASHERS (TO BE RECESSED)
  - EXISTING TIMBER DECK

- **OUTSIDE ELEVATION AT TYPICAL GUARDRAIL POST**
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