At Bridge End Drains, cut Scour Protection. (Transition Mat and Turf Reinforcement Mat) or remove rock as required to place post(s) such that Bridge End Drains abut post(s).

1️⃣ Guardrail mounting height at barrier connection is 32 inches. Transition guardrail mounting height down to 31 inches at BTS Post #3.

2️⃣ Possible 4 inch sloped curb. See project plans. Refer to PV-102 for curb and runout details.

Possible Contract Item:
Steel Beam Guardrail Barrier Transition Section, BA-221

Materials included in the Contract Item:
Steel Post Option:
(5) W150 x 6'-0" posts
(2) 6" x 12" x 19" blockouts
(3) 6" x 12" x 14" blockouts

Wood Post Option:
(5) 6" x 8" x 6'-0" posts
(2) 6" x 12" x 19" blockouts
(3) 6" x 12" x 14" blockouts

(1) Asymmetrical Transition Section
(2) 3'-1" Thrie-Beam rail sections
(2) 12'-6" W-Beam rail sections

Approved bolts, nuts, and washers
Refer to BA-200 for guardrail components.
Guardrail mounting height at barrier connection is 32 inches. Transition guardrail mounting height down to 31 inches at BTS Post #3.

Possible 4 inch sloped curb. See project plans. Refer to PV-102 for curb and runout details.

Wood or composite only. Steel blockouts will not be allowed.

Place bolt in top hole only.
1. Guardrail mounting height at barrier connection is 32 inches. Transition guardrail mounting height down to 31 inches at BTS Post #3.

2. Possible 4 inch sloped curb. See project plans. Refer to PV-102 for curb and runout details.

3. Wood or composite only. Steel blockouts will not be allowed.

4. Place bolt in top hole only.

5. 16d nail to prevent blockout rotation.

WOOD BTS POSTS #1-3

WOOD BTS POST #4

WOOD BTS POST #5