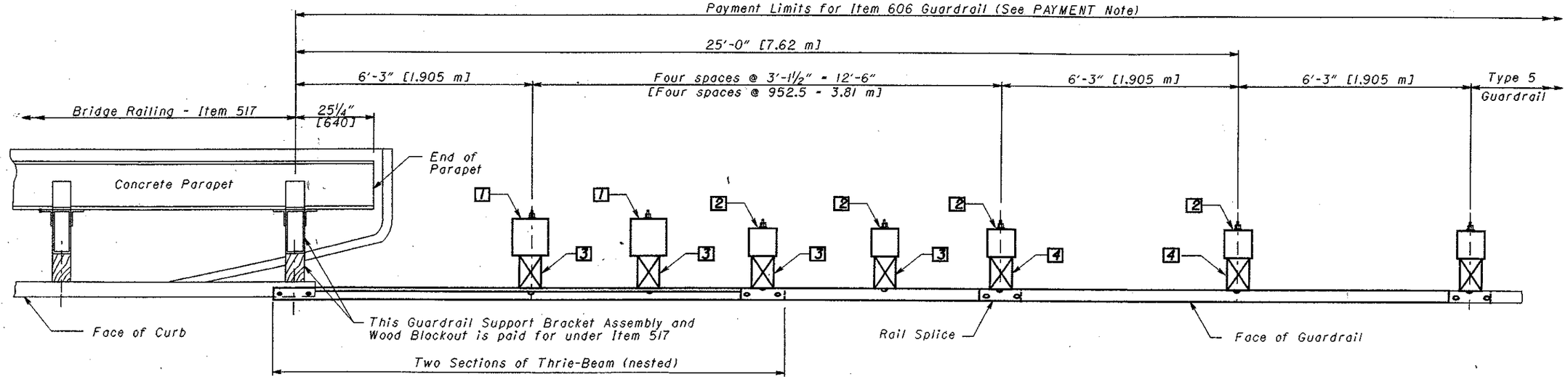
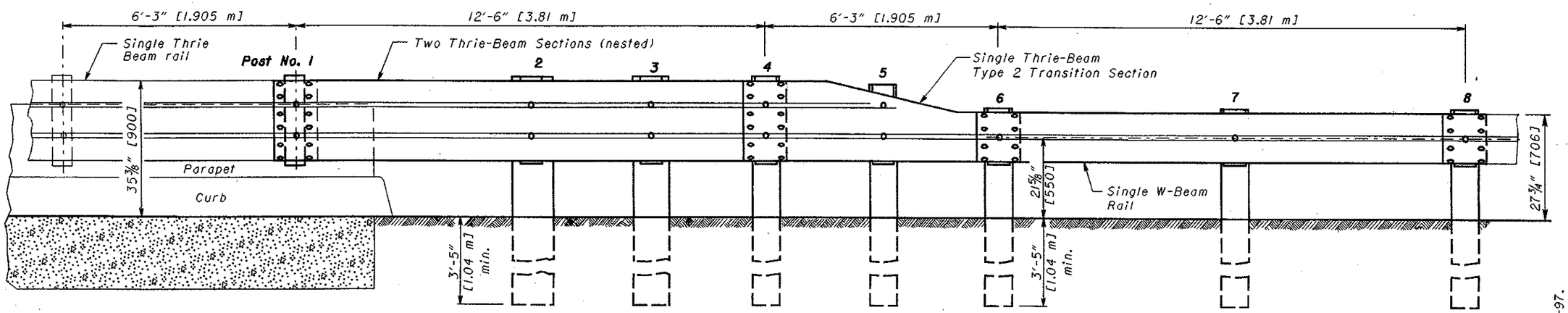


PLAN



ELEVATION

NOTES

GENERAL: For additional rail and post details, see **SCD GR-1.1.**

APPLICATION: Use Type 3 Bridge Terminal Assembly to connect guardrail runs to both the approach and trailing ends of Thrie-Beam Bridge Railings (see **Structural Engineering's SCD TBR-91**). Do not use on the NHS.

POSTS: Posts may be set in drilled holes or driven to grade. See **SCD GR-1.1** for additional Post embedment details.

WOOD POSTS - Use square sawed pressure treated wood as specified in CMS 710.14 and fabricate with square ends. Bore bolt holes and trim the tops of posts, if required, after the posts are set.

STEEL POSTS - are allowed as an alternate. Use W8x24 [W200x35.9] for 10"x10" [250x250] wood posts and use W6x25 [W150x37.1] for 8"x8" [200x200] posts. Use same post material throughout assembly.

BLOCKOUTS: Use wood blockouts only. Steel or plastic blockouts are not permitted.

FLARED GUARDRAIL: Start Standard Guardrail Flares as shown on **SCD GR-5.1** at or beyond Post No. 8; however, the flare may begin at Post No. 6.

PAYMENT: **Item 606 - Bridge Terminal Assembly, Type 3, Each,** includes the cost of extra components, in excess of normal guardrail, for additional and different types of posts and and blockouts, nested Thrie-Beam, transition and connector sections, and other hardware.

LEGEND

1. 10"x10" [250x250] Wood Post (See STEEL POSTS Note)
2. 8"x8" [200x200] Wood Post (See STEEL POSTS Note)
3. 6"x8"x22½" [150x200x570] Wood Blockout (See BLOCKOUTS Note)
4. 6"x8"x14" [150x200x350] Wood Blockout (See BLOCKOUTS Note)

THIS DRAWING REPLACES GR-3.3M DATED 10-21-97.

OHIO DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN ENGINEER
4-18-03
DATE

STDS. ENGR.
D. Focke

All metric dimensions (in brackets [ ]) are in millimeters unless otherwise noted.

ROADWAY ENGINEERING SERVICES

STANDARD ROADWAY CONSTRUCTION DRAWING

BRIDGE TERMINAL ASSEMBLY, TYPE 3

NUMBER
GR-3.3

1/1