

## NOTES

**PAYMENT:** Item 606, Each, Bridge Terminal Assembly, Type \_\_\_\_\_, shall include the additional cost in excess of normal guardrail cost, such as: additional or heavier posts, concrete, encasement, wheelguard beyond bridge limits, extra rail, terminal connector, anchors and other hardware, etc.

**FOR DETAILS NOT SHOWN:** See Std. Constr. Dwgs. GR-1.1M, GR-1.2M, GR-1.3M, GR-4.1M and other Drawings pertaining to design of specific guardrail Type.

**GUARDRAIL TERMINATION:** Terminate as directed by the Engineer. The 3.81 m normal rail section may vary as shown to facilitate connection or reconstruction of existing approach guardrail. The 527 mm terminal connector or 356 mm Post A location dimensions may be increased to avoid existing parapet steel.

**SPACER BLOCK:** Size may be increased if necessary to locate posts beyond wide approach slab.

**POSTS:** Posts shall be 150x200 mm wood or W150x22.5 steel (except posts A and B of Type H) of the same material type as used on approach guardrail, with 100 mm minimum concrete encasement.

**NOTE 1:** These posts correspond with posts A and B as detailed on GR-4.1M, except that they are mounted on plates as detailed on GR-1.2M. Top of rail at post A shall be 685 mm above bridge deck.

**NOTE 2:** Place one additional encased post halfway between 2nd and 3rd posts (Type H) or 1st post and bridge parapet (Type J) when panel length exceeds 3.81 m.

All dimensions are in millimeters unless otherwise noted.

This Drawing Replaces GR-3B.

BUREAU OF LOCATION AND DESIGN  
OHIO DEPARTMENT OF TRANSPORTATION

BRIDGE TERMINAL  
ASSEMBLIES

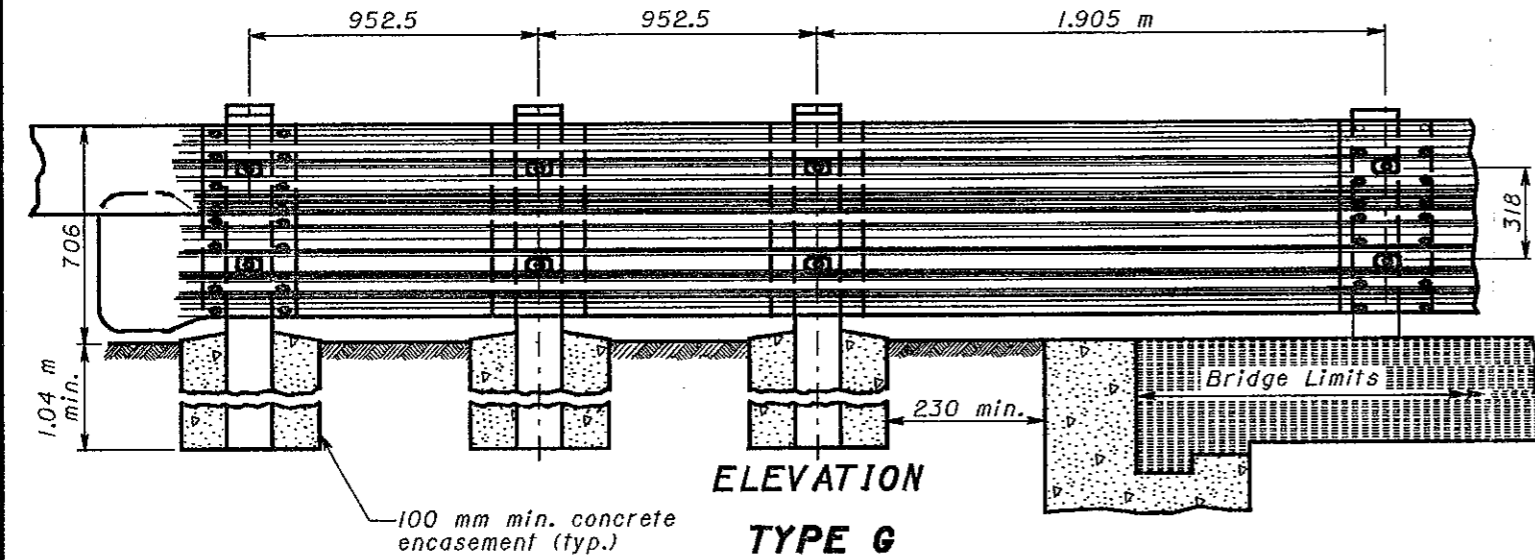
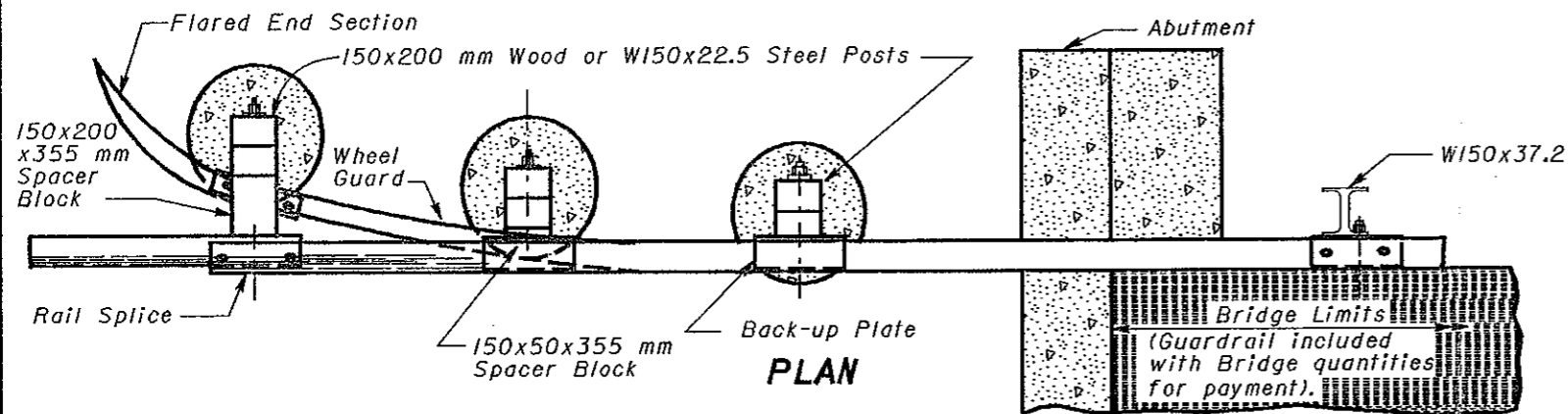
DATE  
11-30-94

STANDARD  
CONSTRUCTION  
DRAWING  
**GR-3.7M**

APPROVED *W.K. Hulman*  
ENGR., L & D



**TYPE J**  
(Trailing end, one-way traffic only)



**PAYMENT:** Item 606, Each, Bridge Terminal Assembly, Type \_\_\_\_\_, shall include the additional cost in excess of normal guardrail cost, such as: additional or heavier posts, concrete, encasement, wheelguard beyond bridge limits, extra rail, terminal connector, anchors and other hardware, etc.

**FOR DETAILS NOT SHOWN:** See SCD's GR-1.1M, GR-1.2M, GR-1.3M, GR-4.1M and other drawings pertaining to design of specific guardrail Type.

**GUARDRAIL TERMINATION:** Terminate as directed by the Engineer. The 3.81 m normal rail section may vary as shown to facilitate connection or reconstruction of existing approach guardrail. The 527 mm terminal connector or 356 mm Post A location dimensions may be increased to avoid existing parapet steel.

**NOTES**

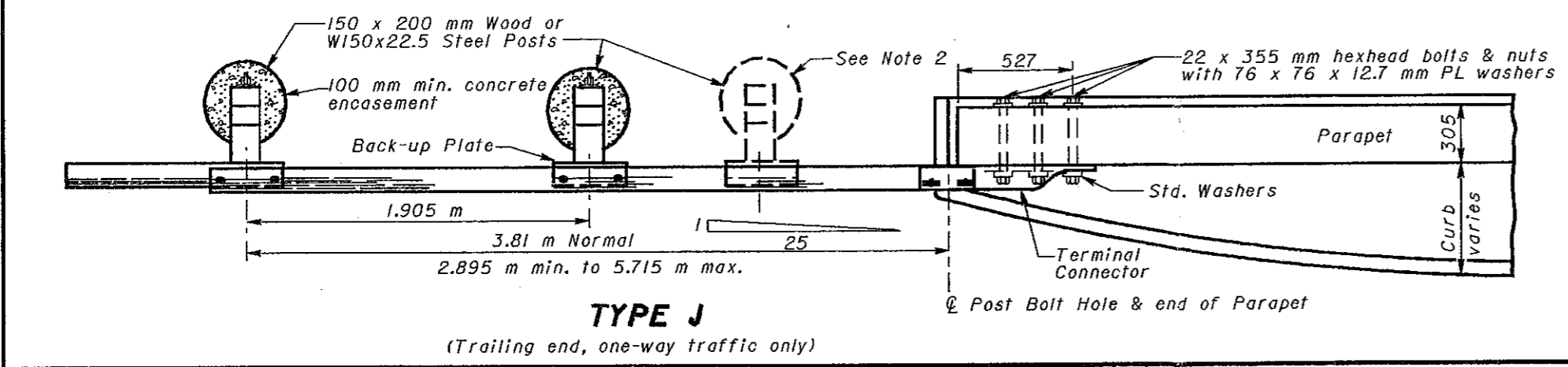
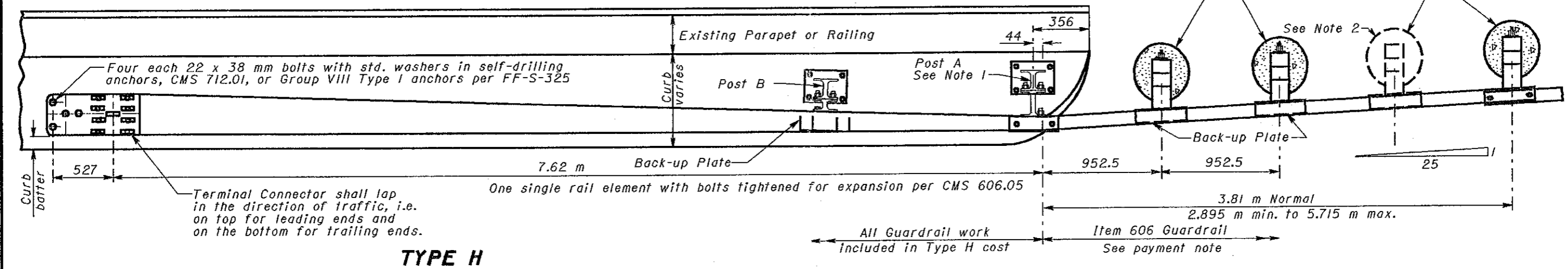
**SPACER BLOCK:** Size may be increased if necessary to locate posts beyond wide approach slab.

**POSTS:** Posts shall be 150x200 mm wood or W150x22.5 steel (except posts A and B of Type H) of the same material type as used on approach guardrail, with 100 mm minimum concrete encasement.

**NOTE 1:** These posts correspond with posts A and B as detailed on SCD GR-4.1M, except that they are mounted on plates as detailed on GR-1.2M. Top of rail at post A shall be 706 mm above bridge deck.

**NOTE 2:** Place one additional encased post halfway between 2nd and 3rd posts (Type H) or 1st post and bridge parapet (Type J) when panel length exceeds 3.81 m.

All dimensions are in millimeters unless otherwise noted.



This Drawing Replaces GR-3B.

OHIO DEPARTMENT OF TRANSPORTATION	
BRIDGE TERMINAL ASSEMBLIES	DATE 11-30-94 10-21-97
STANDARD CONSTRUCTION DRAWING	GR-3.7M
APPROVED	<i>[Signature]</i>