

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- 1. See appropriate guardrail standard drawing(s) for details not shown.
- 2. On two way, two lane highways, both ends of guardrail runs shall be provided with a flared or non-flared terminal from ODOT's QPL if not buried, as detailed on plans.
- 3. Type 2A guardrail shown.
- 4. Where terminal end is buried, a Type 1 modified anchor will be attached to the end post.
- 5. Trailing ends (freeways, multilane and similar one-way facilities) not exposed to opposing traffic:
 - (a) Guardrail terminals, use a Type 1 modified anchor, Type B end piece and do not flare.
 - (b) At bridge ends, omit Transition Guardrail & Type 3 guardrail and substitute the normal required guardrail.
- 6. (a) All bolts except adjustment bolts shall be drawn tight on rails and components on initial installation.
(b) Final tightness check on rail and component bolts and retightening as required to be done 30 days after initial installation.
- 7. If the cut or false cut slope is flatter than 1:1 ensure that there is a clear recovery area behind the guardrail, with no funneling effect to the back of the obstruction.
- 8. "W" distance is measured to face of guardrail at end post.

NOTE:
THIS DRAWING IS RETAINED FOR MAINTENANCE PURPOSES.
DO NOT USE FOR NEW CONSTRUCTION.

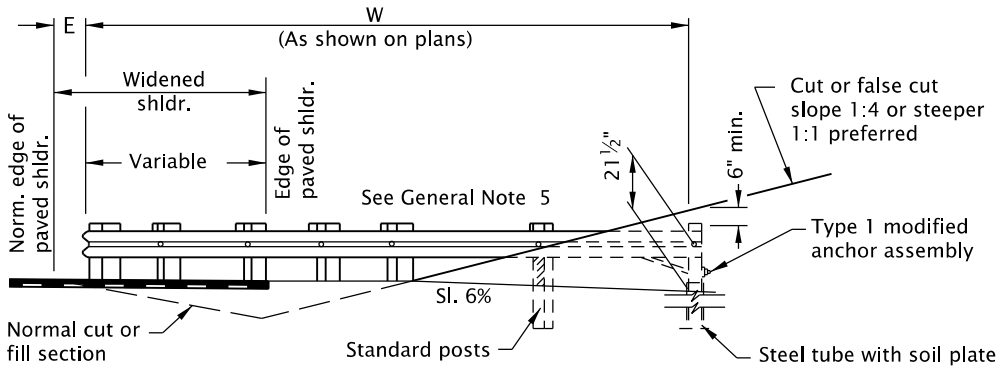
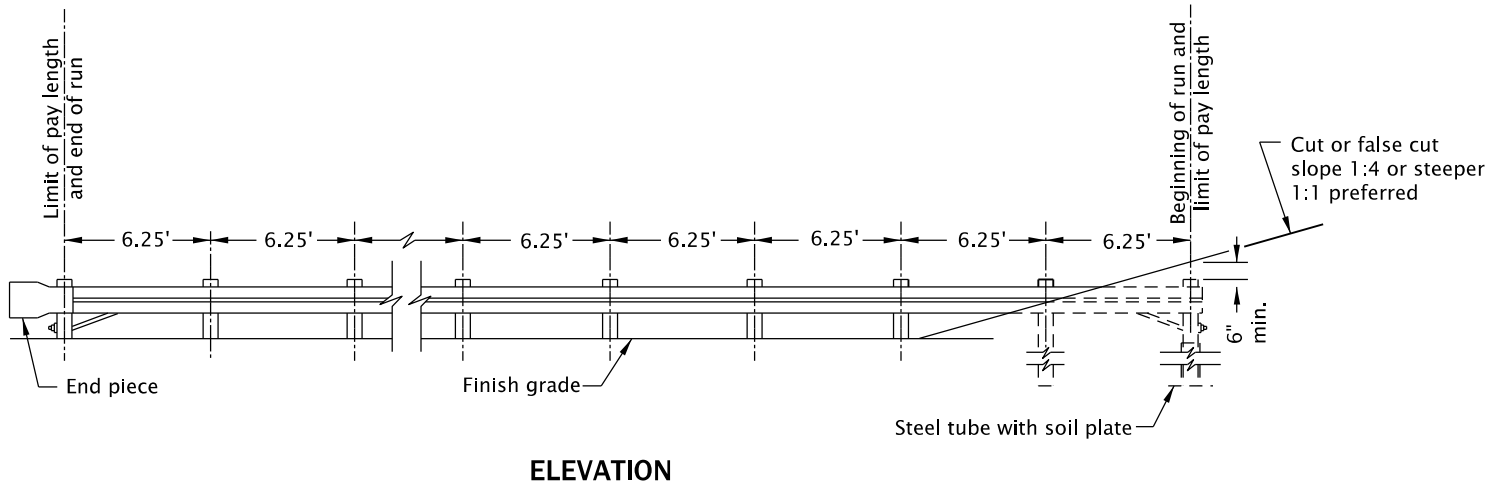
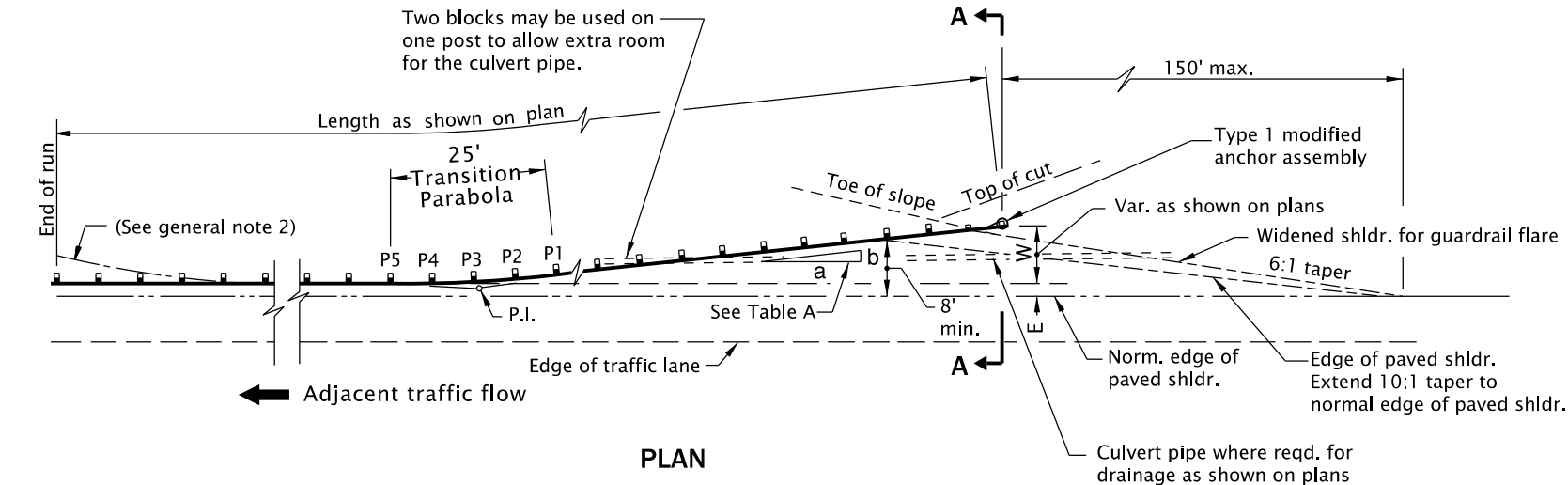
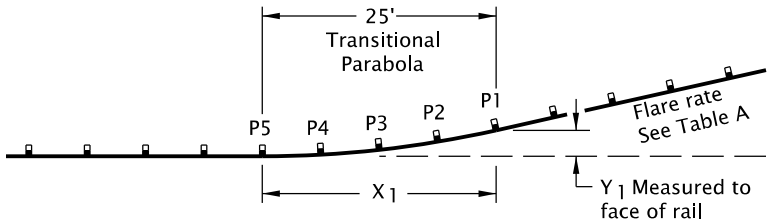


TABLE A
FLARE RATE & 25' TRANSITION PARABOLA

FLARE RATE a : b		POST NUMBER				
		P5	P4	P3	P2	P1
15:1	X (ft)	0	6.25	12.49	18.72	24.92
	Y (ft)	0	0.05	0.21	0.47	0.83

E= 2' where shown on plans.



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

GUARDRAIL INSTALLATION

TERMINAL (CUT OR FALSE-CUT)

(29" RAIL HEIGHT)

2024

DATE	REVISION	DESCRIPTION
01-2023	REVISED	NOTES

CALC. BOOK NO. - - -	N/A - - -	SDR DATE- 20-JAN-2023 -	RD435
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