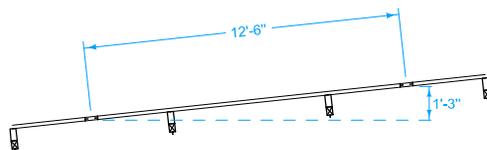


LAPPING PROCEDURE



VARIABLE FLARE

Install delineators and object markers according to [SI-211](#).
 For grading requirements, see [EW-301](#).
 For general guardrail details, see [BA-200](#).

- ① See [BA-201](#).
- ② See [BA-202](#) for connections to concrete barriers and bridge rail end sections.
- ③ See [LS-625](#).
- ④ See [LS-626](#).
- ⑤ Minimum VT1 of 40'-7 1/2" if VF is not used, Minimum VT1 of 53'-1 1/2" if VF is used.

Possible Contract Items:
 Steel Beam Guardrail
 Steel Beam Guardrail Barrier Transition Section, BA-201
 Steel Beam Guardrail End Anchor, Bolted
 Steel Beam Guardrail Flared End Terminal, LS-626
 Steel Beam Guardrail Tangent End Terminal, LS-625

Possible Tabulation:
[108-8A](#)

IOWA DOT	REVISION	
	1	10-18-16
	STANDARD ROAD PLAN	
LS-630		SHEET 1 of 1
REVISIONS: Added NCHRP 350 TL-3 designation to title. Changed Barrier Transition Section contract item to specify BA-201.		
<i>Brian Smith</i> APPROVED BY DESIGN METHODS ENGINEER		
STEEL BEAM GUARDRAIL INSTALLATION AT CONCRETE BARRIER OR BRIDGE RAIL END SECTION (NCHRP 350 TL-3)		