Variable Tangent
(Multiple of 6'-3")
VT2

Variable Flare
(Multiple of 6'-3")
VF

Variable Tangent
(Min. 53'-1½")
VT1

Rail Splice

End Terminal
(50' standard, 37'-6" for Cable Connection)
ET

Bolted
Connection
②

Face of Guardrail

LOCATION STATION

Installation Line

Steel Beam Guardrail End Terminal
(53'-1½")
or
Steel Beam Guardrail Flared End Terminal
for Cable Connection
(40'-7½")
③
④

Pay length for:
Steel Beam Guardrail
(varies)

Rail Splice

Rail Splice

Steel Beam Guardrail Barrier
Transition Section
(37'-6")
①

NEAREST TRAFFIC →
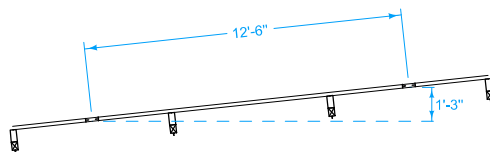
Rail Elements

Concrete Barrier
or Bridge Rail

Rail Elements

LAPPING PROCEDURE

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 **BA-205**.

④ See **BA-206**.

Possible Contract Items:
    Steel Beam Guardrail
    Steel Beam Guardrail Barrier Transition Section
    Steel Beam Guardrail End Anchor, Bolted
    Steel Beam Guardrail End Terminal

Possible Tabulation:
    108-8A

12'-6"

1'-3"

VARIABLE FLARE

**STEEL BEAM GUARDRAIL
INSTALLATION AT CONCRETE BARRIER
OR BRIDGE RAIL END SECTION**