NOTES

TRAFFIC RAILINGS OR PARAPETS:
If there is a Traffic Railing or Parapet on the wall, align Wall Joints with V-Grooves, and Wall Expansion Joints with Barrier Open Joints.

FOUNDATION:
Prepare the soil below the footing in accordance with the requirements for spread footings in Specification Section 455.

* Shear Key is required only when specified in the Plans.

REINFORCING STEEL BENDING DIAGRAMS
**Wall Joint Spacing**

- Maximum joint spacing: 25 ft.
- Minimum joint spacing: 5 ft.
- Every fourth joint must be an expansion joint.
- Refer to Plans for actual joint spacing and expansion joint location.

**Ground Line**

See Plans for drainage requirement.

**Traffic Railing**

- See Typical Backfill Detail (36° Single-Slope shown, other Railings similar).

**Traffic Railing/Junction Slab Detail**

- See Plans for Traffic Railing Type.

**Front Elevation**

**V-Groove Detail**

- 45° (Typ.)
- Stem Offset (for H < 20 ft.)
- See 'V-Groove Detail'

**Stem Offset Values**

- Stems as constructed
- At Contractor's option, Surface Treatments may terminate 9" below ground line

**Traffic Railing/Junction Slab Detail**

- Inside ends of weep holes shall be covered with 1.0 square foot of galvanized mesh with 3/8" openings.

**Typical Backfill Detail**

- See Roadway Plans for drainage requirement.

**Section A-A**

- Drain shall be continuous 1.5' x 1.5' clean, broken stone or gravel, graded and placed to allow free drainage. Place Type D-3 (see Specification Section 985) geotextile fabric, 3'-0" wide and full height of fill, to the back of wall to prevent fill from washing out.

**Typical Corner Joint Detail**

- Key to stop at top of footing and 6" from top of wall. Joint across footing and top of wall to be a straight line.

**Expansion Joint Detail**

- Stay-In-Place Plastic Preformed Bond Beakers are permitted to form joints.

**Wall Joint**

- Optional Shear Key

**Wall Joint Spacing**

- Maximum Joint spacing: 25 ft.
- Minimum Joint spacing: 5 ft.
- Every fourth joint must be an expansion joint.
- Refer to Plans for actual joint spacing and expansion joint location.

**Ground Line**

See Plans for actual wall joint spacing and expansion joint location.

**Traffic Railing**

- See Typical Backfill Detail (36° Single-Slope shown, other Railings similar).

**Traffic Railing/Junction Slab Detail**

- Inside ends of weep holes shall be covered with 1.0 square foot of galvanized mesh with 3/8" openings.

**Typical Backfill Detail**

- See Roadway Plans for drainage requirement.

**Section A-A**

- Drain shall be continuous 1.5' x 1.5' clean, broken stone or gravel, graded and placed to allow free drainage. Place Type D-3 (see Specification Section 985) geotextile fabric, 3'-0" wide and full height of fill, to the back of wall to prevent fill from washing out.

**Typical Corner Joint Detail**

- Key to stop at top of footing and 6" from top of wall. Joint across footing and top of wall to be a straight line.

**Expansion Joint Detail**

- Stay-In-Place Plastic Preformed Bond Beakers are permitted to form joints.