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

Total Length

1'-0" Lap Splice (Typ.)

BARS J & K

NOTE:
All bar dimensions are out-to-out
**Wall Joint Spacing**  
See Plans for actual wall joint spacing and expansion joint location.

3" Ø PVC Drain Pipe at 10 ft. max. spacing (Typ.) 
See Typical Backfill Detail

Traffic Railing (Index 521-610, 36" Single-Slope shown, see Plans for Traffic Railing Type)

Vertical Line 
Front Face of Wall 

Front Face of Wall 

Final Groundline 

3' 0" PVC Drain Pipe. Slope down 1/2 from back to front of wall and extend 1/2 beyond both front face and back face of wall.

Inside ends of weep holes shall be covered with 1.0 square foot of galvanized mesh with 1/8" openings

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, 1'-0" wide and full height of fill, to the back of wall to prevent fill from washing out.

**Traffic Railing/Junction Slab Detail**  
(36" Single-Slope shown, other Traffic Railings similar)

**Typical Backfill Detail**

**V-Groove Detail**

**Wall Joint Detail**

**Expansion 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.

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