1. No trenches in the Public Right of Way shall be left open overnight without the express written permission of the City Engineer. Trenches shall either be plated or backfilled and resurfaced with temporary asphalt.

2. All plates subject to vehicle traffic shall be countersunk flush with adjacent pavement unless other methods are approved prior to the start of trenching operations. Plates not countersunk shall have a 12" ramp of compacted temporary asphalt at all exposed sides.

3. Pins made of #4 rebar, or equivalent diameter steel rod, with a minimum length of 12" shall be used to secure all trench plates to the pavement or soil to eliminate lateral movement of the plate. Pins or steel rods should not restrict the vertical movement of the steel plate. Spacing and placement of the pins shall be as directed by the Public Works Inspector.

4. When two or more of plates are used, the plates shall be tack welded at each corner or as required by the Public Works Inspector.

5. Wedges or other non-asphaltic devices shall be used for leveling as required to eliminate rocking of the plates. Compacted temporary asphalt shall be used to fill all gaps between the plates and existing pavement surfaces.

6. Minimum thickness of plates shall be 1" in streets, alleys, driveways, and parking lanes. For trench widths over 4’, plate thickness shall be at least 1-1/4” and center supports shall be used based on an engineering analysis provided by the Permittee and approved by the City Engineer. Steel plates less that 1” in thickness may only be used in non-vehicular areas.

7. Plates shall extend a minimum of 12” beyond the trench and have a non-skid surface.

8. Plates shall be removed the following day, or as approved by the Public Works Inspector, and the trench paved with permanent or temporary asphalt. Plates shall not be left over a weekend without approval of the City Engineer.

9. Plates shall be checked at least twice per day by the Permittee to make sure they are secure.

10. Appropriate advance warning signs (i.e. “Road Plates Ahead”) are required for all steel plate crossings.

11. In lieu of steel plates, sidewalks or other non-vehicular areas may be secured with plywood. Plywood used in pedestrian areas shall be a minimum of ¾" thick, provide a smooth non-slip surface and have beveled edges.