

STANDARD NOTES FOR STEEL PLATES FOR OPEN TRENCHES

NOTES:

1. 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. SPACING AND PLACEMENT OF PINS SHALL BE AS DIRECTED BY THE PUBLIC WORKS INSPECTOR.
2. WHEN TWO OR MORE PLATES ARE USED, THE PLATES SHALL BE TACK WELDED AT EACH CORNER OR AS REQUIRED BY THE PUBLIC WORKS INSPECTOR.
3. WEDGES OR OTHER NON-ASPHALTIC DEVICES SHALL BE USED FOR LEVELING AS REQUIRED TO ELIMINATE ROCKING OF THE PLATES.
4. A MINIMUM WIDTH OF 12" OF TEMPORARY ASPHALT SHALL BE USED TO FEATHER THE EDGES OF THE PLATES.
5. ALL TRENCH PLATES SHALL HAVE A NON-SKID SURFACE AS APPROVED BY THE PUBLIC WORKS INSPECTOR.
6. MINIMUM THICKNESS OF PLATES SHALL BE 1" IN STREETS, ALLEYS, DRIVEWAYS, AND PARKING LANES. FOR TRENCH WIDTHS OVER 4', PLATE THICKNESS SHALL BE 1-1/4". FOR TRENCH WIDTHS GREATER THAN 4", CENTER SUPPORTS SHALL BE USED BASED ON AN ENGINEERING ANALYSIS PROVIDED BY THE DEVELOPER AND APPROVED BY THE CITY ENGINEER. STEEL PLATES LESS THAN 1" IN THICKNESS MAY ONLY BE USED IN NON-VEHICLE AREAS.
7. ALL PLATES WILL EXTEND A MINIMUM OF 12" BEYOND THE TRENCH.
8. PLATES SHALL BE REMOVED THE FOLLOWING DAY, OR AS APPROVED BY THE PUBLIC WORKS INSPECTOR, AND THE TRENCH PAVED WITH TEMPORARY OR PERMANENT ASPHALT. PLATES SHALL NOT BE LEFT OVER A WEEKEND WITHOUT APPROVAL BY THE CITY ENGINEER.
9. STEEL PLATES SHALL BE CHECKED AT LEAST TWICE PER DAY BY THE DEVELOPER OR CONTRACTOR TO MAKE SURE THEY ARE SECURE.



CITY OF OROVILLE DEPARTMENT OF PUBLIC WORKS

STANDARD NOTES FOR STEEL PLATES FOR OPEN TRENCHES

DRAWN BY.
SG

RICK WALLS, P.E.
DIRECTOR OF PUBLIC WORKS DEPARTMENT

SHEET
1 OF 1
ST-33