



- (4) 1" GALV. STL. ANCHOR BOLTS F1554 GRADE 36
- (12) 1" GALV. STL. HEX NUTS
- (4) 1" GALV. STL. LOCKWASHERS
- (12) 1" GALV. STL. FLATWASHERS

**ANCHOR BOLT DETAIL**

**ASSEMBLY INSTRUCTIONS:**

1. POSITION HANDHOLE OF POLE ON SIDE OPPOSITE APPROACHING TRAFFIC, THEN SET AND PLUMB POLE USING LEVELING NUTS UNDER BASE PLATE. SECURE WITH ONE NUT AND WASHER PER BOLT.
2. FINAL FINISH SHOULD BE PER SPECIFICATIONS OR PLANS.

(NOT TO SCALE)

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

BUREAU OF TRANSPORTATION  
CITY OF PORTLAND, OREGON  
*Steve Tomman*  
Chief Engineer

Standard Drawing Title  
**STREET LIGHTING  
BOTTLE NECK TYPE LUMINAIRE POLE**

Note:  
All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.

Effective Date: 11-20-12	Standard Drawing No. <b>P-653-B</b>
Calc. Book No.:	
Baseline Report Date:	

**BOTTLE NECK TYPE LUMINAIRE POLE**

Plot Date: 11/20/2012 3:30:14 PM