32" ROUND PULL BOX DETAIL

Heavy Duty Solid Lid, Neenah Lid and Frame R-1792-HL, or Equal (Word "Traffic" in Lid).

Lid and Frame Assembly

Approx. Wt. = 1700 lbs.

Contractor shall make necessary provisions to ensure that the lid and ring (frame assembly) are secure before pouring concrete. Expansion material shall be placed between lid and ring (frame assembly). Contractor shall inspect the frame assembly for any deficiencies and/or voids prior to pouring concrete. All voids shall be filled prior to pouring pad. All deficiencies shall be reported to ODOT personnel on scene so that prompt corrections can be made. Workpads shall be sloped so that all sides are even with the ground. Contractor shall ensure that all debris and excess concrete is removed from the inside of the ring so that the lid can be easily removed and replaced.

NOTES:

1. "A" cut out 4 wires in the area of the reduced wall section. Also include the vertical wire for removal.
2. Concrete comp. strength 6000 psi min. design.
3. Concrete air entrainment to be 6% ± 1/2%.
4. Coating of protective acrylic is to be applied to the top of 32" of the outside face and total inside face.
5. Lid ring load transfer is to be distributed by the use of a preformed mastic joint material.
6. Each pull box shall have a drain, 1-1/4" conduit, independently draining to a ditch or to a roadway underdrain (shown in Standard Construction Drawing HL-30.11).
7. Slope the proposed 4" raceway (PVC conduit) to drain into 32" pull box on either side of the freeway shoulder, where applicable. The 4" conduit shall remain independently draining to a ditch or roadway underdrain.
8. Minimum bend radius of 4" PVC is 24".
9. Contractor shall install a pull box pad as detailed on this page. The pull box pad shall be incidental to this pay item and will not be paid for separately.
10. Duct seal shall be placed on all conduits in pullbox which enter a cabinet.

Concrete Pad

TOP VIEW

SIDE VIEW

Concrete Pad