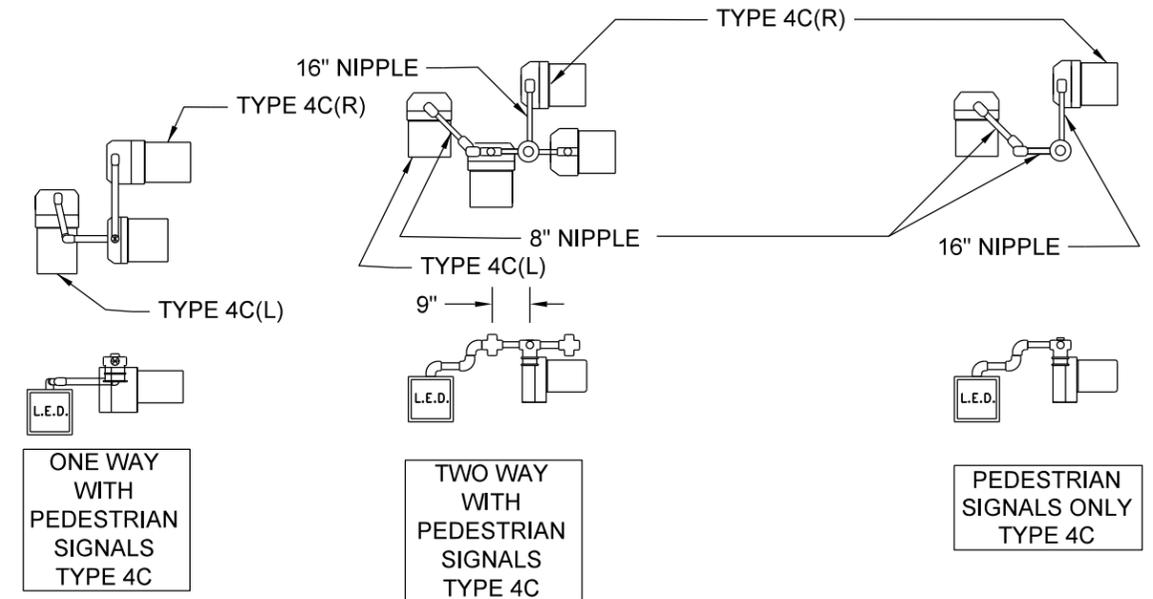
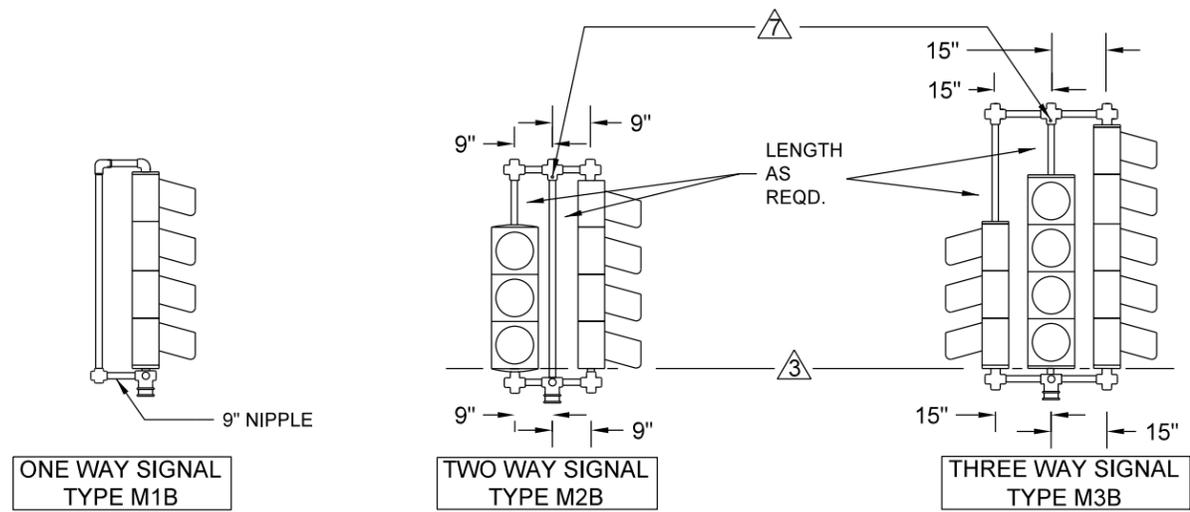
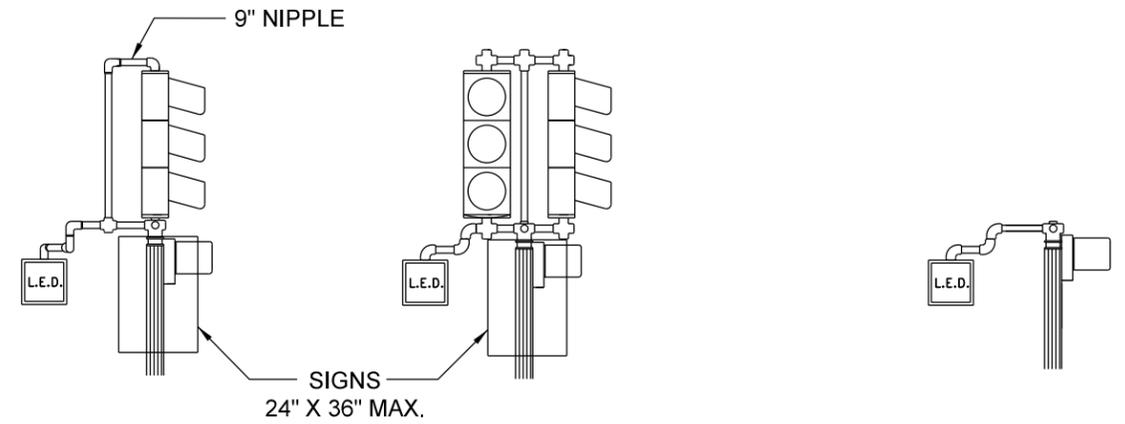
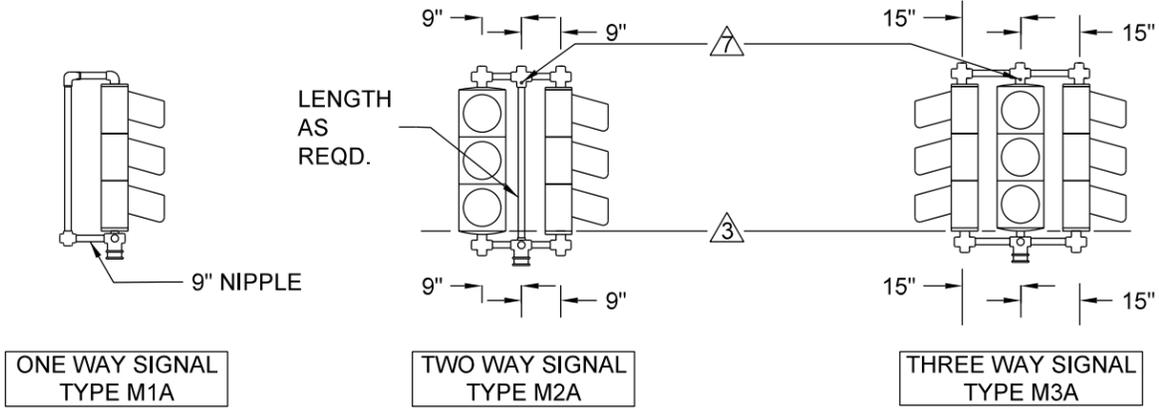


**BRACKETING FOR VEHICLE INDICATIONS**  
 PIPE DIMENSIONS SHOWN ARE FOR  
 8" AND 12" VEHICLE INDICATIONS

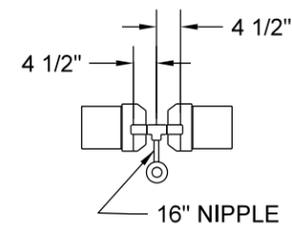
**BRACKETING FOR PEDESTRIAN INDICATIONS**  
 PIPE DIMENSIONS SHOWN FOR 12" X 12"  
 PEDESTRIAN INDICATIONS



**NOTES:**

- NUMBER OF LENSES PER SIG. FACE SHALL BE AS REQD. IN PLANS OR SPECIAL PROVISIONS
- BACKGROUND SHIELDS PROVIDED AS REQD. IN PLANS OR SPECIAL PROVISIONS
- BOTTOMS OF LOWER LENSES IN HEAD ASSEMBLY SHALL BE AT TOP OF SLIPFITTER COLLAR
- ALL PIPE FITTINGS & SLIP-FITTERS SHALL BE MAL. IRON
- UNUSED OPENINGS SHALL BE PLUGGED W/ ALUMINUM PIPECAPS
- ALL BRACKETS & FITTINGS SHALL BE PAINTED PER SPECS.
- CROSS-THD THREE ENDS NO THREAD ONE END WITH SET SCREW
- ALL HEADS MUST BE VERTICAL AND PARALLEL
- ALL PIPE FITTINGS AND HEADS MUST BE MADE UP TIGHT

NO SCALE



| LEGEND |   |
|--------|---|
|        | 1-1/2" IRON PIPE UNLESS SPECIFIED   |
|        | 90 DEG. ELBOW-THREAD BOTH ENDS.   |
|        | TEE-THREAD ALL ENDS   |
|        | CROSS-THD. THREE ENDS-NO THD. ONE END W/SET SCREW OR CROSS-THD. ALL ENDS. |
|        | PEDESTAL SLIPFITTER COLLAR  |

|  |  |                                |  |                                       |
|--|--|--------------------------------|--|---------------------------------------|
|  | <b>MINNEAPOLIS</b><br>DEPARTMENT OF PUBLIC WORKS |                                | HEAD - SIGNAL<br>PEDESTAL MOUNTED BRACKETING | STANDARD PLATE<br>NO.<br>TRAF-1340-R2 |
|  | DRAWN: CLK<br>APPROVED: DRP                      | DATE: 2/26/13<br>DATE: 2/26/13 |  |                                       |