GENERAL NOTES:
1. All materials and construction shall conform to the requirements of the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction.
3. Signed and sealed shop drawings shall be submitted to the Engineer for review and approval prior to fabrication in accordance with the Standard Specifications, unless the manufacturer has been granted approval on the Department's most recently published Approved Product List (APL).
4. All dimensions not shown on the plans are dependent on the manufacturer's design, and shall be shown on the shop drawings.
5. Vibration mitigation devices shown are only schematic. The type of device used and the device's location shall be the responsibility of the manufacturer's to show as part of the shop drawings.
6. A vibration mitigation device shall be installed at the mast arm, and the device's location shall be the responsibility of the manufacturer's to show as part of the shop drawings.
7. For inboard tenon, when specified, see tenon detail on T.S. 9-1.
8. Poles shall have a continuous taper.
9. All dimensions are nominal.

DESIGN CRITERIA:
Fatigue Category II
Natural Wind Gusts 50 mph (Based on 3-second gusts)
Galloping Not Included
Truck Gusty 55 mph

FOUNDATION NOTES:
1. The foundation hole shall be dug an end class "S" (5,000 psi concrete shall be poured against undisturbed compacted earth.
2. Unstable soil and/or steep slope may require a deeper foundation. See Standard Specifications for additional requirements.
3. If pole foundation is within or adjacent to a sidewalk, top of the pole shall be flush with the surfacing or adjacent sidewalk.
4. Once the pole installation is complete, the open space between the base plate and top of foundations shall be grouted.
5. A 25 ft coil of #4 bare copper conductor or a 1/4 inch square copper ground plate shall be installed before concrete is poured. The coil or ground plate shall be connected to the pole grounding lug in the ground hole. The coil or ground plate shall be covered with 6 inches of fill.

LEGEND:
<table>
<thead>
<tr>
<th></th>
<th>ISNS Internally Illuminated Street Name Sign</th>
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<tbody>
<tr>
<td>EPA</td>
<td>Effective Projected Area</td>
</tr>
<tr>
<td>P</td>
<td>Weight</td>
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<tr>
<td>A</td>
<td>Area</td>
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<tr>
<td>H</td>
<td>Mount Height for ISNS</td>
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LOADING 1

LOADING 2
* Mounting height of ISNS can vary depending on the requirements of the location the sign is being installed at. The mounting height for ISNS shown on the traffic plan.
** Loadings shown have 4 signal heads. Shorter mast arms may have fewer heads.
This configuration represents the maximum loading condition.