NOTES:
1. All materials and construction shall conform to the requirements of the Standard Specifications.
2. When sign panels are placed side by side, locate the lighting fixtures using the sum of the sign panel lengths.
3. When sign panel heights do not equal heights shown, round up to the next whole number shown.
4. Panel height "H" includes the exit number panel if one is present.
5. Sign lighting shall be installed above the sign assembly to project downward toward the sign panels.
6. The spacing and number of fixtures shown on this drawing is based on a standard 85 Watt Inductive fixture. Actual layout and number of fixtures may vary based on photometric calculations.
7. Lumen loss factor (LLF) is to be 0.75.
8. Lumen rating is to be 6,300 lumens.
9. The lighting performance criteria is: 6 to 10 foot-candle average with a 3 to 1 or better average to minimum and a 5.5 to 1 maximum to minimum uniformity ratios.

Location Of Sign Lighting Mount (Dimensions In Feet)

| Sign Size (HL1) | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 |
| Number of Fixtures | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Mount Size | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 | 4x2 |

X' feet 3 4 5 6 7 8 3 4 5 6 7 8 3 4 5 6 7 8 3 4 5 6 7 8 3 4 5 6 7
Y' feet 0 0 0 0 0 0 12 12 14 14 14 16 0 0 0 0 12 12 14 14 14 14 14 14 16 0 0 0 0 12 14 14 14 16 16

| Sign Size (HL1) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Number of Fixtures | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Mount Size | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 | 5x2 |
| X' feet | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Y' feet | 6 | 6 | 8 | 10 | 12 | 12 | 12 | 9 | 9 | 10 | 10 | 12 | 4 | 6 | 6 | 8 | 10 | 12 | 12 | 9 | 9 | 11 | 11 | 12 | 6 | 6 | 8 | 10 | 12 | 12 |

PLAN SYMBOL

SIGNATURE
Arizona Department of Transportation
Interstate Transportation Division
Traffic Signals and Lighting Standards Drawings

T.S. 13-3

NOT TO SCALE

ON FILE
Placement of Lighting Fixtures for Overhead Signs

T.S. 13-3

NOT TO SCALE

ON FILE
Placement of Lighting Fixtures for Overhead Signs