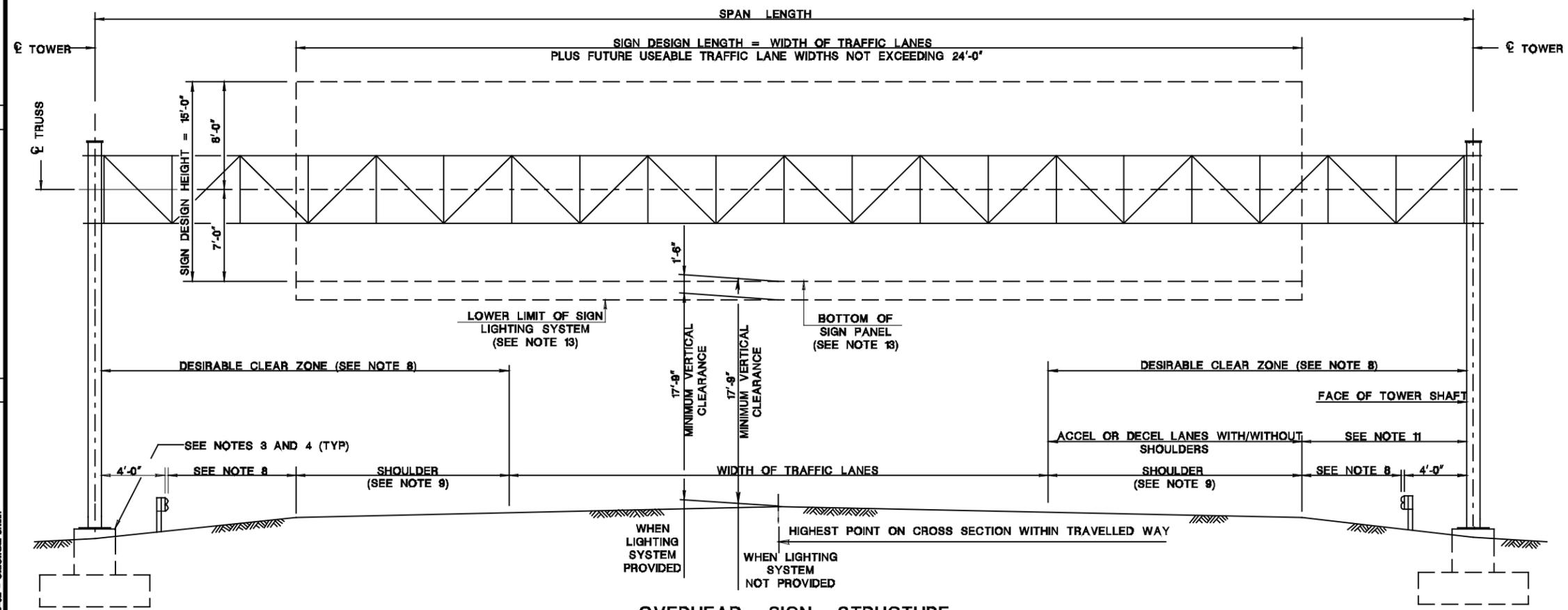


**OVERHEAD SIGN STRUCTURE**  
DIVIDED HIGHWAY SYSTEMS



**OVERHEAD SIGN STRUCTURE**  
NONDIVIDED HIGHWAY SYSTEM AND RAMP

**NOTES:**

1. THE BOTTOM EDGE OF ALL SIGN PANELS SHALL BE LEVEL AND AT THE SAME ELEVATION.
2. THE TOP EDGE OF ALL SIGN PANELS SHALL PROJECT NOT LESS THAN 6" ABOVE THE TOP OF THE TOP CHORD. THE SIGN PANEL SIZES AND LOCATIONS SHALL BE VERIFIED AND APPROVED BY THE DESIGNER.
3. TOP OF PEDESTALS SHALL BE SET 4" ABOVE THE FINISHED GROUND LINE.
4. THE ELEVATION OF THE BOTTOM OF THE TOWER SHAFT BASE PLATES SHALL BE SET AT (ANCHOR BOLT DIA. + 1") ABOVE TOP OF PEDESTAL OR TOP OF BARRIER PEDESTAL (SEE SIGN STRUCTURE DRG. OH-D8).
5. THE TRUSS SHALL BE A FOUR-CHORD, BOX SHAPED TRUSS.
6. UNLESS OTHERWISE SPECIFIED, THE LUMINAIRE SUPPORTS SHALL BE PROVIDED CONTINUOUSLY FOR THE ENTIRE SIGN DESIGN LENGTH. THE NEED FOR LUMINAIRE SUPPORTS SHALL BE VERIFIED AS PART OF THE PRELIMINARY SUBMISSION.
7. IF THE TOWER FOUNDATION IS WITHIN THE CLEAR ZONE, IT SHALL BE PROTECTED BY GUIDE RAIL, BARRIER OR OTHER SUITABLE MEANS, DEPENDING ON SITE CONDITIONS.
8. SEE NJDOT ROADWAY DESIGN MANUAL FOR CLEAR ZONE CRITERIA AND FOR GUIDE RAIL OFFSET CRITERIA.
9. SHOULDER IS NOT TO BE INCLUDED IN THE SIGN DESIGN LENGTH UNLESS THE SHOULDER IS WITHIN AN AREA PRESCRIBED AS A FUTURE USEABLE TRAFFIC LANE.
10. IF MEDIAN IS LESS THAN 5'-0" WIDE, PLACE THE CENTERLINE OF TOWER AT THE CENTERLINE OF MEDIAN.
11. THIS DIMENSION SHALL NOT BE LESS THAN 1'-0" GREATER THAN THE MINIMUM CLEARANCE REQUIRED FOR OVERPASS STRUCTURES.
12. LEFT AND RIGHT TOWERS ARE DEFINED LOOKING UPSTATION.
13. THE 17'-9" MINIMUM VERTICAL UNDERCLEARANCE SHALL BE PROVIDED TO THE BOTTOM OF SIGN LIGHTING SYSTEM, OR TO THE BOTTOM OF SIGN PANEL WHEN LIGHTING SYSTEM IS NOT PROVIDED.

THIS PLATE FOR DESIGN INFORMATION ONLY.  
DO NOT INCLUDE IN CONTRACT PLANS.

<b>SIGN STRUCTURE DRG. OH-G2</b>	
NEW JERSEY DEPARTMENT OF TRANSPORTATION BUREAU OF STRUCTURAL ENGINEERING	
<b>OVERHEAD SIGN SUPPORT STANDARDS</b>	
<b>GENERAL CRITERIA</b>	
SCALE : NONE	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 12px; margin-right: 5px;">2</span>  <span style="font-size: 12px;">6</span> </div>

BD-07D-02 - ORIGINAL SHEET