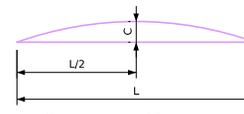
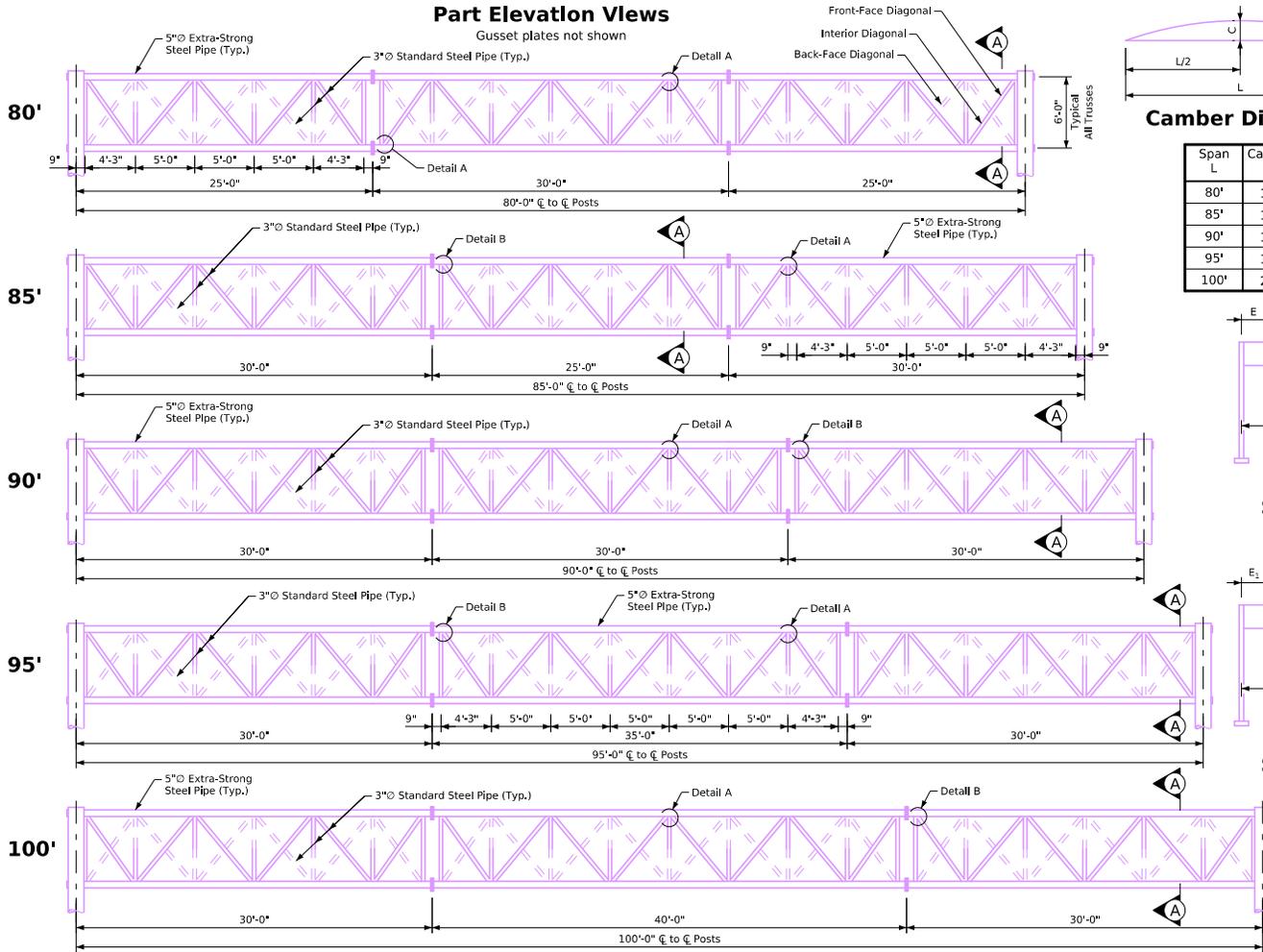


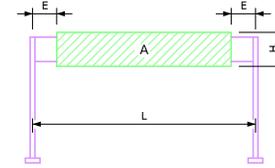
Part Elevation Views



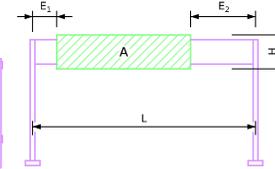
Camber Diagram

| Span L | Camber C |
|--------|----------|
| 80' | 1 3/8" |
| 85' | 1 1/2" |
| 90' | 1 3/4" |
| 95' | 1 7/8" |
| 100' | 2 1/8" |

Back-face diagonals and bottom-face diagonals are shown with dashed lines. Interior diagonals are shown solid near the front face and top face. Interior diagonals are shown dashed towards the back face and bottom face.



Sign Area for Steel Overhead Sign Truss
Centered



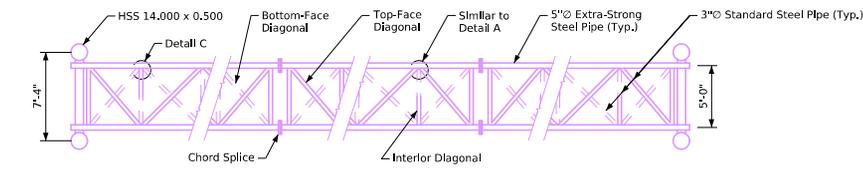
Sign Area for Steel Overhead Sign Truss
Offset

Sign offset may be mirrored (E_1 and E_2 values reversed).

Allowable Sign Area

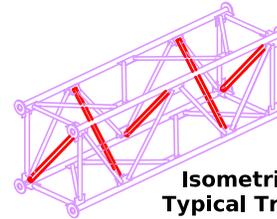
| Centered | | | | |
|----------|------------------|---------------------|----------------------|----------------|
| Span | Max. Sign Height | Min. End Dist. | | Max. Sign Area |
| L | H | E | | A |
| 80' | 19'-0" | 15'-0" | | 950 S.F. |
| 85' | 19'-0" | 17'-6" | | 950 S.F. |
| 90' | 19'-0" | 20'-0" | | 950 S.F. |
| 95' | 19'-0" | 22'-6" | | 950 S.F. |
| 100' | 19'-0" | 25'-0" | | 950 S.F. |
| 80' | 14'-9" | 8'-0" | | 944 S.F. |
| 85' | 14'-9" | 10'-6" | | 944 S.F. |
| 90' | 14'-9" | 13'-0" | | 944 S.F. |
| 95' | 14'-9" | 15'-6" | | 944 S.F. |
| 100' | 14'-9" | 18'-0" | | 944 S.F. |
| 85' | 12'-0" | 5'-0" | | 900 S.F. |
| 90' | 12'-0" | 5'-6" | | 948 S.F. |
| 95' | 12'-0" | 8'-0" | | 948 S.F. |
| 100' | 12'-0" | 10'-6" | | 948 S.F. |
| Offset | | | | |
| Span | Max. Sign Height | Min. Left End Dist. | Min. Right End Dist. | Max. Sign Area |
| L | H | E_1 | E_2 | A |
| 80' | 19'-0" | 10'-0" | 30'-0" | 760 S.F. |
| 85' | 19'-0" | 10'-0" | 38'-0" | 703 S.F. |
| 90' | 19'-0" | 10'-0" | 44'-0" | 684 S.F. |
| 95' | 19'-0" | 10'-0" | 50'-0" | 665 S.F. |
| 100' | 19'-0" | 10'-0" | 56'-0" | 646 S.F. |
| 85' | 14'-9" | 10'-0" | 13'-0" | 915 S.F. |
| 90' | 14'-9" | 10'-0" | 25'-0" | 811 S.F. |
| 95' | 14'-9" | 10'-0" | 34'-0" | 752 S.F. |
| 100' | 14'-9" | 10'-0" | 41'-0" | 723 S.F. |
| 100' | 12'-0" | 10'-0" | 14'-0" | 912 S.F. |

See Standard Sheet SOST-08-11 for Section A-A and Details A, B and C.



Part Top View

Interior diagonals have same orientation at chord splice locations



Isometric View Typical Truss Unit

Interior diagonals shown in red for clarity

Sign offset may be mirrored (E_1 and E_2 values reversed).

| | | |
|--|--|-------------------|
| 06-2025 Latest Revision Date Approved by Bridge Engineer | | |
| | Standard Design Steel Overhead Sign Truss September, 2011 | |
| | Elevation Views for Truss Spans 80'-100' Spans | SOST-03-11 |

• Revised 03-2019: Updated Bridge Engineer signature.
 • Revised 06-2025: This sheet reissued, sheet format update.
 • Steeloverheadsigntruss.dgn • SOST-03-11 • This sheet Issued 09-2011.