

Unit 11

00900
Permanent Traffic Control
and Illumination Systems



Photo courtesy of Oregon DOT Flickr



00900 – Permanent Traffic Control and Illumination Systems

- Wood Sign Posts (00910)
- Sign Support Footings (00920)
- Metal Sign Supports (00930)
- Signs (00940)

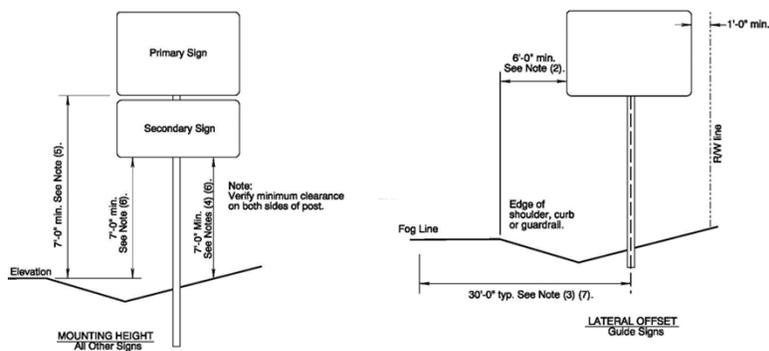


Unit 11 Topics:

- Sign posts installation
- Sign support footings construction
- Metal sign support requirements
- Sign installation and inspection



**Standard Drawing TM 200
Mounting Height and Lateral Offset Details**



00910 – Wood Sign Posts

- Furnish preservative treated wood sign posts
- Do not set post until location has been approved
- Wood sign posts will be measured on volume basis foot board measure (FBM)



Field Verification

Contractor shall field verify post lengths
Form provided by ODOT

TBB FIELD VERIFICATION OF POST LENGTHS

Project Name: _____ For questions call
Contract No.: _____ Region Traffic Design
Date: _____ Preparer: _____ ()

Choose appropriate Cut or Fill Slope drawing below; cross out unused detail.

Station/M.P. _____

Note: Per post data table. If different, explain why:

CUT SLOPE

Station/M.P. _____

Note: Per post data table. If different, explain why:

FILL SLOPE

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TBB FIELD VERIFICATION OF POST LENGTHS

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() - -

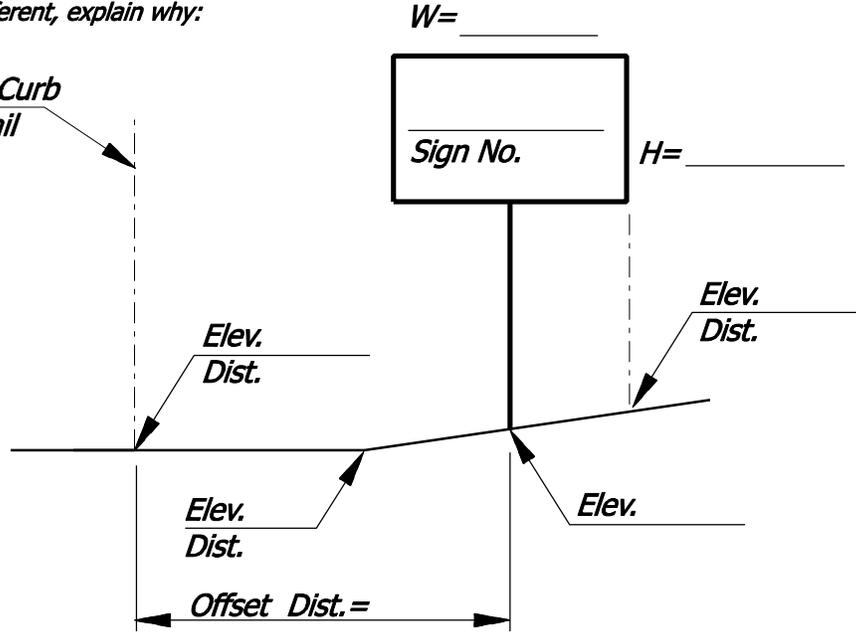
Choose appropriate Cut or Fill Slope drawing below; cross out unused detail.

Station/M.P. _____

Note:
Per post data table. If different, explain why:

CUT SLOPE

Fog Line, Face of Curb
Barrier or Guardrail
(Circle appropriate situation)

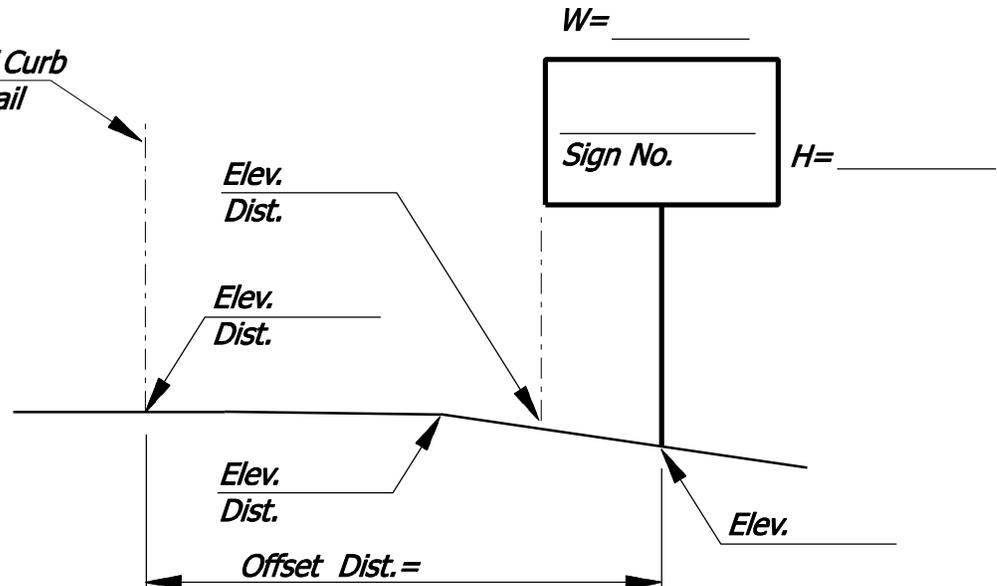


Station/M.P. _____

Note:
Per post data table. If different, explain why:

FILL SLOPE

Fog Line, Face of Curb
Barrier or Guardrail
(Circle appropriate situation)



00920 – Sign Support Footings

- Commercial grade concrete
- During concrete placement, accurately and securely hold in place all anchor bolts or post stubs until concrete has set
- No measurement of quantities will be made



00930 – Metal Sign Supports

- Submit working drawings for all structural metal work
- Overhead and butterfly sign supports shall have identifying tags
- No measurement of quantities will be made
 - Estimated quantities will be listed in Special Provisions



00940 – Signs

- Furnish materials meeting 02910
- ODOT Inspection Sticker
- Signs will be measured on an area basis



Key Inspection Points

- Make sure sign locations are properly surveyed
- Utilities marked prior to installation
- Signs should have ODOT inspection sticker when they arrive on the project site.
- Make sure signs are visible
- Verify signs for accuracy once delivered to the project site



Unit 11 Review:

- ✓ Sign posts installation
- ✓ Sign support footings construction
- ✓ Metal sign support requirements
- ✓ Sign installation and inspection



