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## Typical Section Drafting Conventions

**Text & CADD**

All proposed drawing text should be 5/32" height text at WT=1, LV=2. (Titles at 1/4" Text)  
Linework LV=1, LW=1. (Dimensions & Extensions LW=0)

**Convention**

Draw section in direction of stationing.

Draw to scale but show no scale reference.

Use a 1 Horizontal to 2- 4 Vertical scale to see thickness details.

Dash existing items and surfaces.

Draw separate sections for different:

- Pavement thickness buildups
- Divided vs. undivided facilities
- Lanes added or dropped
- Superelevated sections

**Labeling**

Provide title label with Facility Name and Normal/Superelevated designation.

Determine and show station limits of section and total distance of application making no deductions in stations or length for intersections. Start/stop normal limits at the beginning of superelevation transitions.

Show the location of the profile grade.

Slopes: Pavements shown with decimal format on an arrow pointing downhill.

Fore- and backslopes are shown with a ratio on the slope.

**Dimensions**

Always placed horizontally or vertically, not along slopes.

ODOT uses feet and decimal feet for dimensions to a 0.1' precision.

Dimensions that vary over should be labeled as VARIES with the maximum and minimum dimensions after the label.

Vertical dimensions show: Ditch depths and embankment heights.

Horizontal dimensions show: CL to E/P left and right

E/P to Edge of shoulder or face of curb.

E/P to guardrail

E/P to shoulder break

Ditch details (width and CL locations)

Clear Zone Widths

Pay no attention to width dimensions that vary due to intersections.

**Pavement Buildup**

Show each layer of pavement thickness buildup and type. Identify with a numbered reference bubble to each differing layer or item.

Key bubbles to the legend on the sheet. Use the standard order of:

Bubble	ODOT Item #	Thickness	ODOT Item Description
③	ITEM 304	6"	AGGREGATE BASE