

ODOT Drawing Boundary Seeds

Drawing boundary seeds are provided in the OregonDOT WorkSpace for both civil and non-civil boundaries when using the **Place Named Boundary** command. Civil drawing boundaries have separate methods for placing boundaries associated to alignment stationing in plan, profile, or 3D (cross section) views. The non-civil drawing boundaries (boundaries that are not associated with alignment stationing) are placed using the “From Drawing Boundary” method in the **Place Named Boundary** command. The tables below describe the usage of the non-civil and civil drawing boundary seeds. Level display in sheets created from most *civil* drawing boundaries, is controlled in the design-type model that contains the named boundaries. “Long” civil drawing boundaries place the level control in the sheet-type models.

Table 1. From Drawing Boundary (Non-Civil) 

Name	Purpose	Level Display Control
_DetailBottom_SheetOnly	Used for 11" x 17" plans; creates only sheet-type models. Uses full width, but only half height of sheet. Used to locate the named boundary on the bottom half of a new sheet.	In the sheet-type model
_DetailFull_SheetOnly	Used for 11" x 17" plans; creates only sheet-type models. Uses full width of sheet to within ¼" of the printed border. Use for intersection details and general construction plans with less than 10 overlapping sheets.	In the sheet-type model
_DetailNotes_SheetOnly	Used for 11" x 17" plans; creates only sheet-type models. Uses less than full width of sheet leaving right margin area for notes. Use for intersection details and general construction plans with less than 10 overlapping sheets.	In the sheet-type model
_DetailOverFull_SheetOnly	Used for 11" x 17" plans; creates only sheet-type models. Uses full width of sheet to within 1/64" of the printed border. Use for sheets that require just a bit more space, like ITS.	In the sheet-type model
_DetailTop_SheetOnly	Used for 11" x 17" plans; creates only sheet-type models. Uses full width, but only half height of sheet. Used to locate the named boundary on the top half of a new sheet.	In the sheet-type model
_PlanFull	Used for 11" x 17" plans; creates drawing-type and sheet-type models. Uses full width of sheet to within ¼" of the printed border. Use for general construction plans with more than 10 overlapping sheets to easily set identical level displays in all sheets.	In the design-type model that contains the named boundary
_PlanNotes	Used for 11" x 17" plans; creates drawing-type and sheet-type models. Uses less than full width of sheet leaving right margin area for notes. Use for general construction plans with more than 10 overlapping sheets to easily set identical level displays in all sheets.	In the design-type model that contains the named boundary
_RW18x24_SheetOnly	Used for 18 x 24 RW drawings. Creates only sheet-type models.	In the sheet-type model

Table 2. Civil Plan



Name	Purpose
Plan Inch 5 Plan Inch 10 Plan Inch 20 Plan Inch 50 Plan Inch 100 Plan Inch 200	Used for 11" x 17" plan view sheets along alignment stationing. Detail and annotation scale matches the scale in the name. Creates drawing-type and sheet-type models. Uses full width of sheet. Level control in design-type model that contains the named boundary. (See Civil Drawing Boundary Sizes for sheet lengths and overlaps)
Plan Inch 50 wNotes Pan Inch 100 wNotes	Used for 11" x 17" plan view sheets along alignment stationing. Detail and annotation scale matches the scale in the name. Creates drawing-type and sheet-type models. Does not use full sheet; view port positioned at the left edge and allows for a right-side note margin Level control in design-type model that contains the named boundary.
Plan Long Inch 100	Used for unbounded plan view sheet along alignment stationing. Detail and annotation scale is 1"=100'. Creates drawing-type and sheet-type models. Used as reference attachment into CAD base files. Level control in sheet-type models.
Plan-Plan Inch 50 Plan-Plan Inch 100 Plan-Plan Inch 200	Used for the top and bottom of 11" x 17" plan-plan view sheets along alignment stationing. (size of boundary is approx. 5" x 16") Detail and annotation scale matches the scale in the name. Creates drawing-type and sheet-type models. Uses full width of sheet. Level control in design-type model that contains the named boundary.
Plan-Profile Inch 5 PLAN Plan-Profile Inch 10 PLAN Plan-Profile Inch 15 PLAN Plan-Profile Inch 20 PLAN Plan-Profile Inch 30 PLAN Plan-Profile Inch 50 PLAN Plan-Profile Inch 100 PLAN	Used for the top half of 11" x 17" plan-profile view sheets along alignment stationing. (size of boundary is approx. 5" x 16") Detail and annotation scale matches the scale in the name. Creates drawing-type and sheet-type models. Uses full width of sheet. Level control in design-type model that contains the named boundary.

Table 3. Civil Profile



Name	Purpose
Plan-Profile Inch 5 PROFILE Plan-Profile Inch 10 PROFILE Plan-Profile Inch 15 PROFILE Plan-Profile Inch 20 PROFILE Plan-Profile Inch 30 PROFILE Plan-Profile Inch 50 PROFILE Plan-Profile Inch 100 PROFILE	Used for the bottom half of 11" x 17" plan-profile view sheets along alignment stationing. (size of boundary is approx. 5" x 16") Detail and annotation scale matches the scale in the name. Creates drawing-type models that are automatically referenced into the bottom area of plan-profile sheet-type models. Uses full width of sheet. Level control in design-type model that contains the named boundary.


Name	Purpose
Profile Inch 5	Used for 11" x 17" profile view sheets tied to plan view alignment
Profile Inch 10	stationing.
Profile Inch 15	Detail and annotation scale matches the scale in the name.
Profile Inch 20	Creates drawing-type and sheet-type models.
Profile Inch 30	Uses full width of sheet.
Profile Inch 50	No automatic overlap in profiles.
Profile Inch 100	 Level control in design-type model that contains the named boundary.
Profile Long Inch 100	Used for unbounded profile view sheet along alignment stationing. Detail and annotation scale is 1"=100'. Creates drawing-type and sheet-type models. Used as reference attachment into CAD base files. Level control in sheet-type models.

Table 4. Civil Cross Section

Name	Purpose
EBids XS Inch 10	Used for 11" x 17" EBids cross section view sheets tied to plan view
EBids XS Inch 20	alignment stationing. Has vertical title block on right edge.
EBids XS Inch 40	Detail and annotation scale matches the scale in the name. Creates drawing-type and sheet-type models. Uses full width of sheet.
XS Inch 10	Used for 11" x 17" cross section view sheets tied to plan view
XS Inch 20	alignment stationing.
XS Inch 40	Detail and annotation scale matches the scale in the name. Creates drawing-type and sheet-type models. Uses full width of sheet.
XS Inch 20 Stacked	Used for unbounded cross section view sheet tied to alignment stationing. Detail and annotation scale is 1"=20'. Creates drawing-type models and one sheet-type model.