

New Levels for CONNECT

Alignment (Stationing) Annotation Levels (E_SURV_ALIGN and P_RDWY_ALIGN): _ALIGNSmScI

The alignment annotation for all scales is placed at the same time. 100' stationing is placed on a separate level (_ALIGNSmScI) from the 500' stationing that is used at 1"=100' and 1"=200' scales. This allows the "small scale" level to be toggled off when the only 500' stationing is required.

Design Levels: D_XXXX_Xxxx

A group of new levels was created to support design activities using OpenRoads Designer. The naming convention is **D_XXXX_Xxxx**. The first letter, D, represents the "Design" group of levels. The second grouping is an abbreviation for the tool or type of element that uses the level: AQUAPL = Aquaplaning tool, CORR = Corridor Modeling, MESH = Mesh elements, SIGHT = Sight tool, TERR = Terrain element. A table with a larger list with descriptions is at the bottom of this document.

Existing Levels

A new level named E_SURV_PT_Locator is used to display a cell as a locator of survey data points.

Proposed Levels

The Drainage & Utilities module required several new levels and Hydraulics chose:

P_HY_DRAIN_GradeFixedTie, P_HY_DRAIN_LowPoint, P_HY_DRAIN_Pond, and P_HY_DRAIN_Trace.

Sheet Levels

Lastly, a group of levels was required for producing sheets using named boundaries; the naming convention for sheets begins with S_. The sheet levels are included at the top of the table below.

Level Name	Description
S_EXTG_ROW	Sheet Existing right of way
S_NamedBoundary	Sheet Named Boundary
S_PLAN_Grid	Sheet Plan grid
S_PLAN_GridTx	Sheet Plan grid text
S_PROP_ROW	Sheet Proposed right of way
D_AQUAPL_Xxxx	Aquaplaning tools: flowline, type of risk, surface
D_CORR_Xxxx	Design Corridor tools: boundary, pointcontrol, keystation
D_MESH_Xxxx and D_MESH_VOL_Xxxx	Design Mesh: surface types and volume types
D_SIGHT_Xxxx	Design Sight analysis tools
D_TERR_Xxxx	Design Terrain surface material

Table 1. Level Names and Descriptions