

APPENDIX K

RIGHT-OF-WAY MAXIMUM SLOPE INTERCEPTS

Right-of-way width data serve to define the applicable right-of-way limits. Right-of-way limits may be plotted on cross section plots.

Maximum slope intercept data serve to modify sideslope shapes by imposing maximum offset distances within which the sideslopes must catch. This forces slope stake (catch) points at maximum slope intercept distances when the design process attempts to exceed those dimensions.

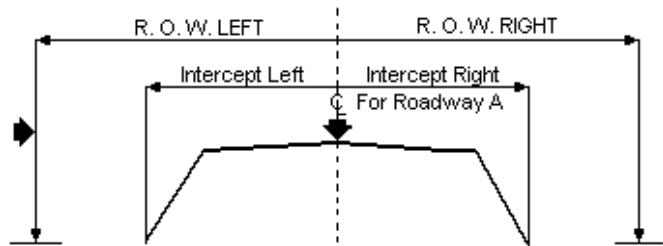
Maximum slope intercept widths are entered independently of the right-of-way. This provides for controlling the stake independently of the property limit.

Right-of-way and maximum slope intercept data can be entered by specifying distances relative to a baseline or a design roadway associated with a baseline or by referencing a MicroStation or an IGrds geometry element or offset distance from the element. If a MicroStation element is selected, it is automatically converted to an IGrds geometry element.

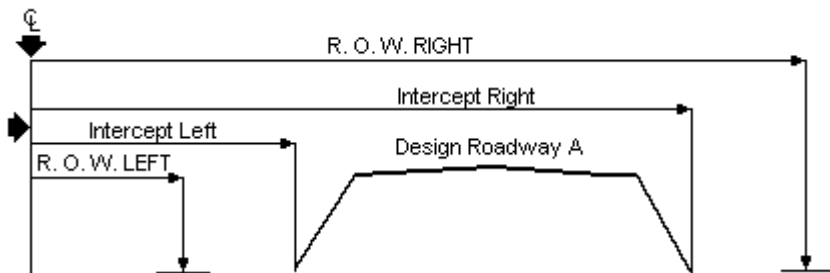
In both types of data, a linear transition is performed between successive data entries as depicted schematically here. Both beginning and ending data is required.

Either of the following configurations can be defined.

Right-of-way width left is on the LEFT side of centerline



Right-of-way width left is on the RIGHT side of terrain centerline



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