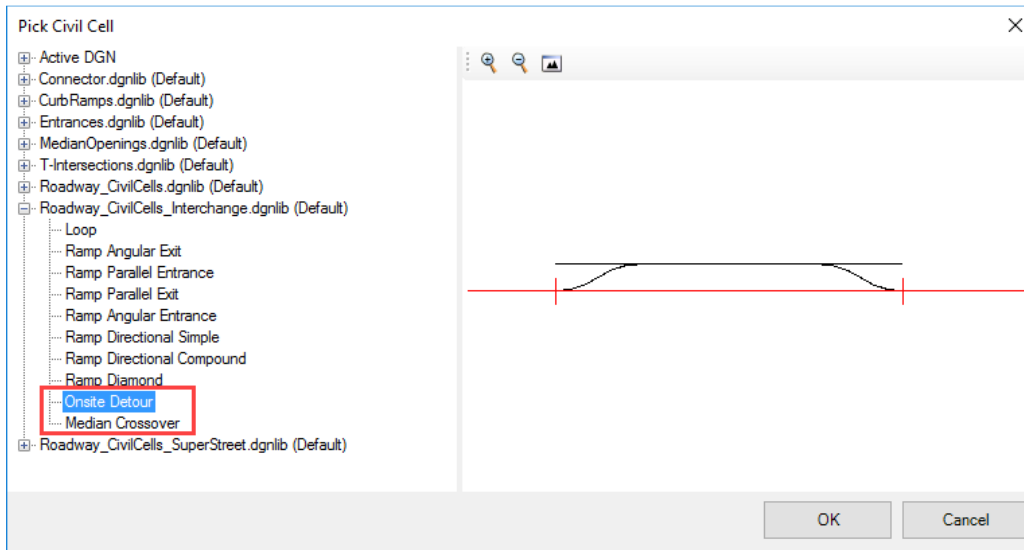


18_02 Civil Cells for Onsite Detours and Median Crossovers

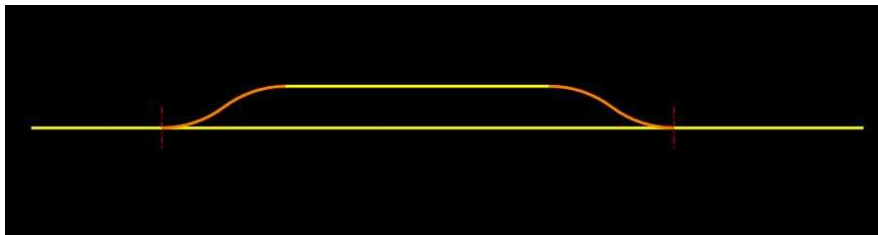
Effective immediately with the next workspace update.

The Interchange Civil Cells Library has been updated with the capability to quickly generate the geometry for onsite detours and median crossovers. They can also be used for bridge projects and phase construction Traffic Control Plans.



These default geometric values are fully customizable and adjustable after civil cell placement.

Onsite Detour



Applicable to Left (default) or Right of Centerline

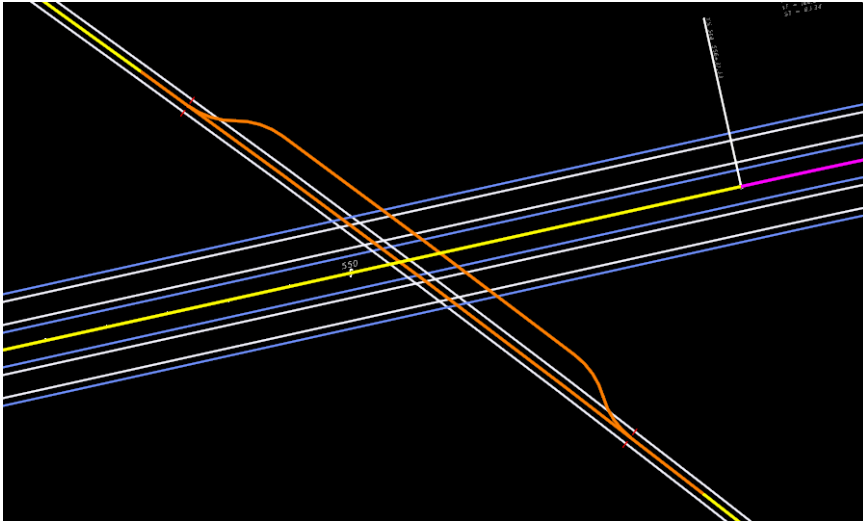
Begin and End Limits of Onsite Detour

50' Offset from Centerline

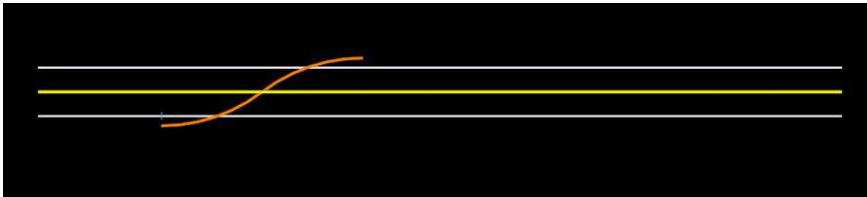
150' Reverse Curve Transition Length

References Sequence (order of selection on-screen):

- Road Centerline (1/3)
- Onsite Detour Begin Limit (2/3)
- Onsite Detour End Limit (3/3)



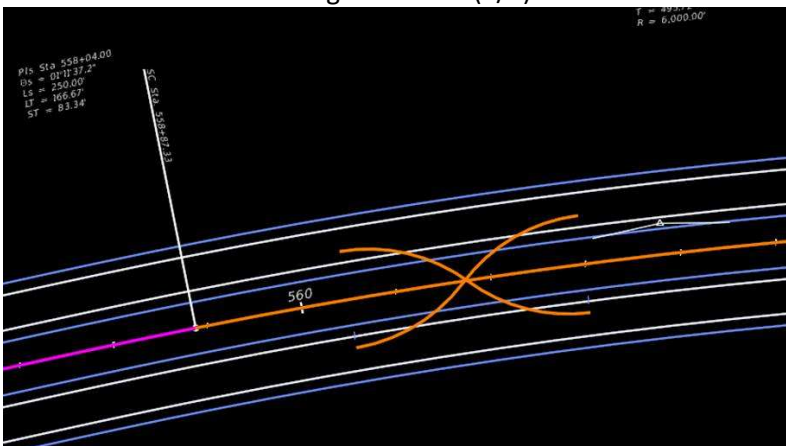
Median Crossover



Applicable to Right to Left (default) or Left to Right of Centerline Crossover
 Begin (default) or End Limit of Median Crossover
 12' Offset from Inside Edge of Travel
 250' Reverse Curve Transition Length

References Sequence (order of selection on-screen):

- Median Crossover Locator (1/3)
- Road Right Inside Edge of Travel (2/3)
- Road Left Inside Edge of Travel (3/3)



Familiarize yourself with the new procedure to create the project geometry over the legacy GEOPAK COGO methods. This new design tool becomes easier, faster, and more intuitive the more practice you get at using it. Remember that both the GPK and COGO (possibly?) are becoming obsolete in ORD, thus it is strongly recommended that Roadway Engineers have a working knowledge of how to create the basic project alignments using ORD civil geometry and civil cells.