InRoads Storm & Sanitary Updates

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InRoads reads S&S files!

- Storm & Sanitary files are InRoads-readable

  - No S&S license required

- Display and Plans Production functions

  - Plan/3D Drainage Display and Notes

  - Cross Section Display and Notes

  - Profile Notes

Cross Sections See Drainage

- Storm & Sanitary are integrated into Cross Sections

    - Similar to Features w/ bandwidth

    - Cells can be used to represent structures
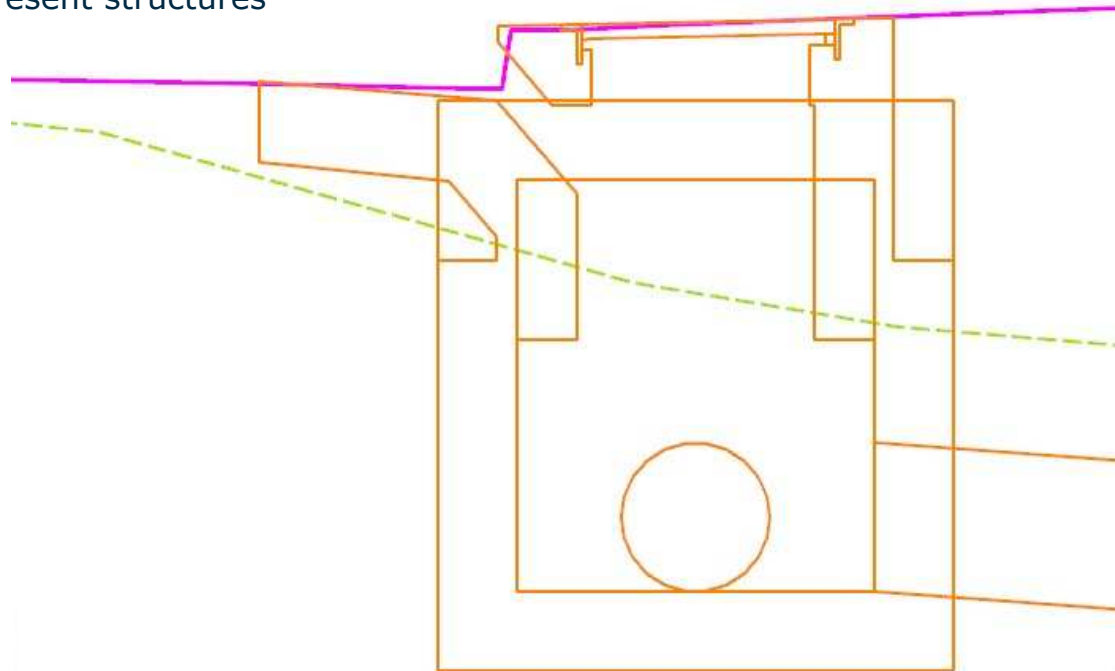
InRoads Survey to Drainage

- Streamlined data flow from Survey to Storm&Sanitary

- Part of InRoads Survey
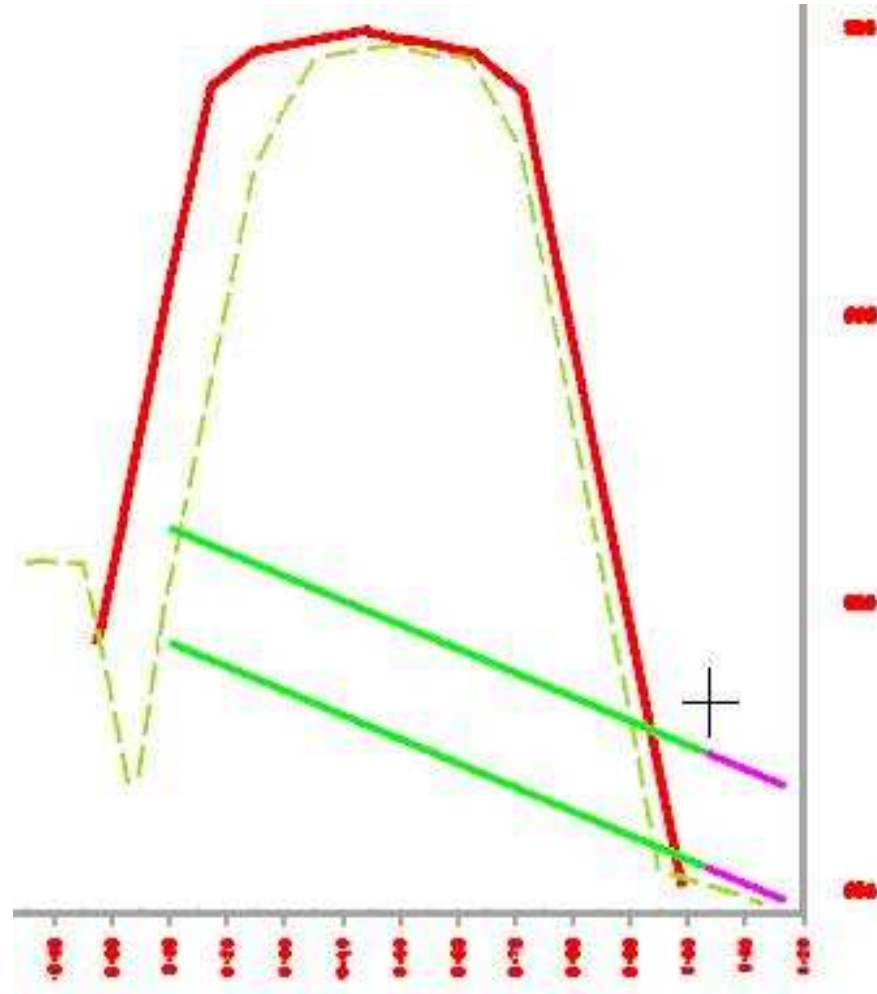
View Drainage as Solids

- Smart Solids!

- Visual Collision Detection

- Introduced in v8.9 SP1

- Improved in v8.11

- Application Add-in
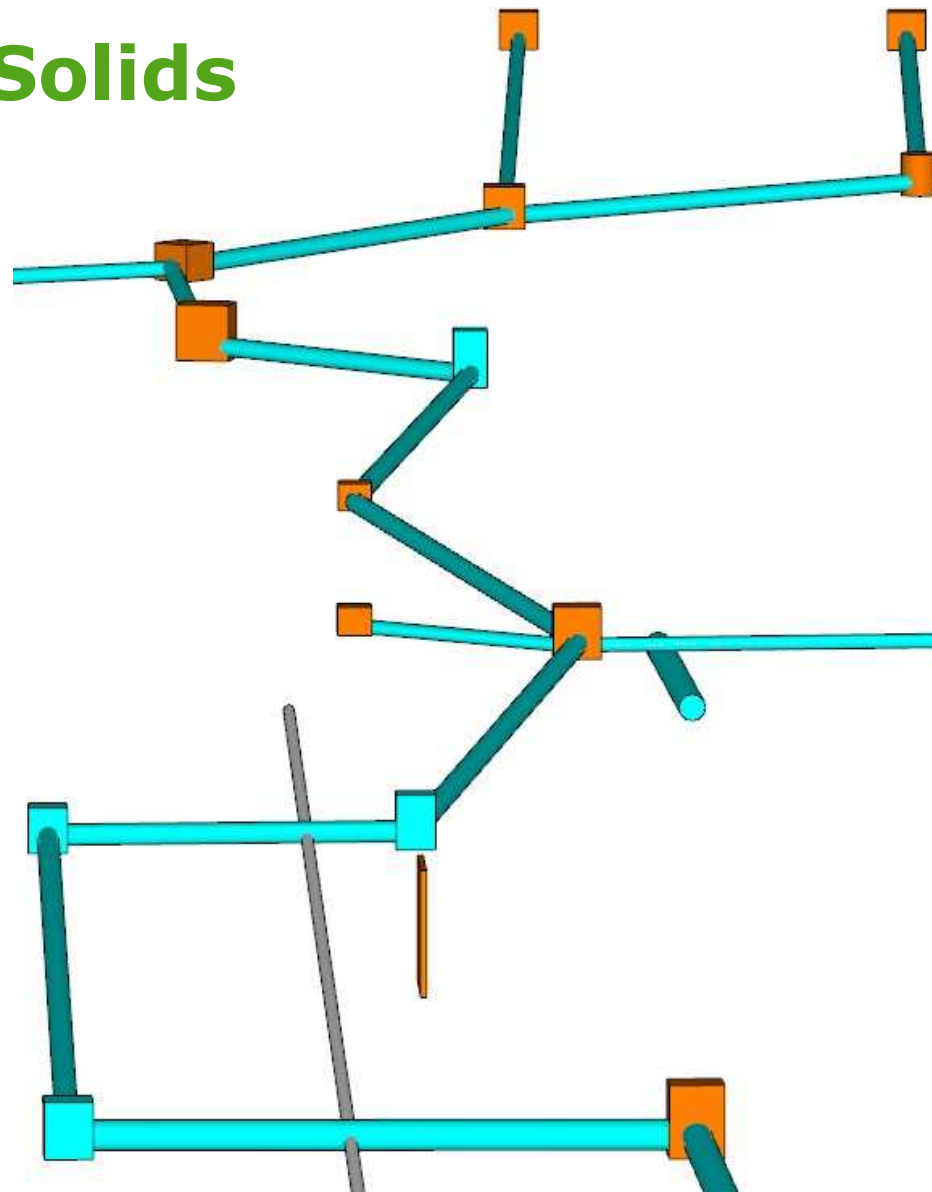
Extend Pipe and Channel in Profile

- "Extend Culvert" now works for pipes and channels

Interface and Workflow Streamlined

- Laying Out and Editing Drainage Structures have always been a streamlined intuitive workflow, fully-integrated with the CAD and InRoads environments

- Recent Release continue making adds and edits faster and more intuitive

Improvements to dialogs

- Layout > Pipe: Locate Buttons for Invert In and Invert Out

- Edit/Review

  - Locate Buttons for Inverts, Rims and Pipe Slopes, Gutter Slopes
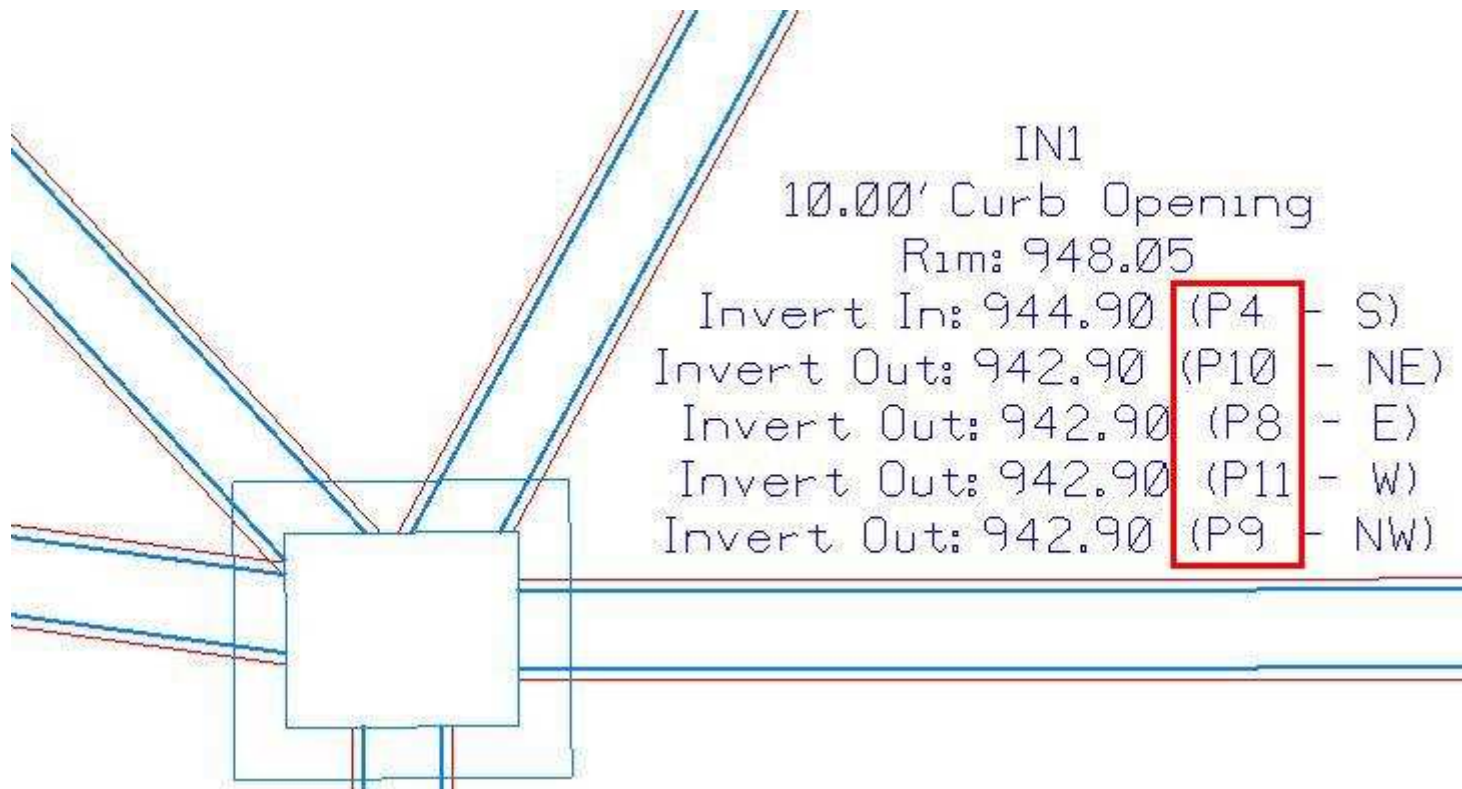
  - Styles tab has additional feedback

Bentley®

Edit Utility Points

- Added the ability to edit S&S Utility points

- Similar to Surface Edit Feature Point command

- "Report" button launches a report on Utility vertices' XYZ and segments' length and slope
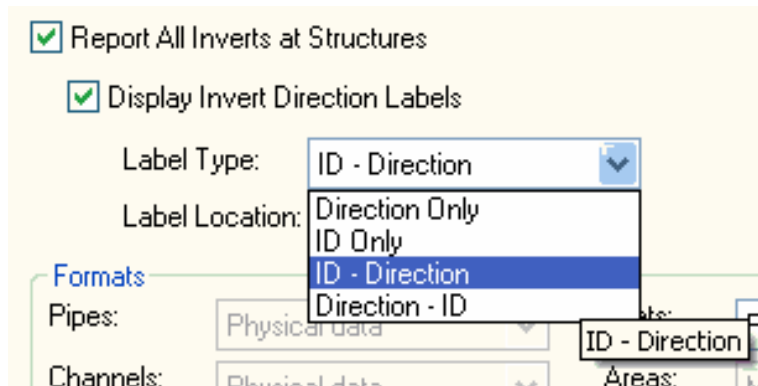
Pipe ID Annotation

- Plan and Profile Annotation can now label attached Pipes' ID at junctions

Report Improvements

- ## New data available for Reports

  - Upstream and Downstream stations for ends of

    - Pipes

    - Culverts

    - Channels

  - All Pipe Names at Manholes and Inlets

IN41	950.49	(N - P75)
IN43	949.96	(N - P78)
	949.69	(E - P76)
	949.69	(W - P100)
IN45	948.86	(W - P81)
IN46	948.58	(NE - P80)
	948.56	(SW - P82)

Questions?