

# ***Storm and Sanitary Analysis in Civil 3D***



**Presented by  
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# *Introducing the Site Design Parameters*

- ◆ Hillsborough Co Site
  - ✓ Plant City
  - ✓ Bridge Replacement
  - ✓ Taylor Road and Knights Griffin Road
  - ✓ Regrading ditches
  - ✓ Size driveway culverts
  - ✓ Run Analysis

# *Importing Civil 3D Background to SSA*

- ◆ Aerial
- ◆ Topo
- ◆ Streets
- ◆ R/W
- ◆ Pipe Network

# *Importing GIS Data (.shp) to SSA*

- ◆ Conduit
  - ✓ Import as Pipe
- ◆ Junctions
- ◆ Subbasins
- ◆ Weirs
  - ✓ Import as Pipe

# *Setup and Analysis in SSA*

- ◆ Check Continuity from Basin to Outfall
- ◆ Setup IDF Curves
- ◆ Run Analysis
- ◆ Animate an Event in Profile

# *Setup and Analysis in SSA*

- ◆ Check Continuity from Basin to Outfall
- ◆ Setup IDF Curves
- ◆ Run Analysis
- ◆ Animate Storm Event Timeline in Profile

# *From SSA to Civil 3D*

- ◆ Migration Settings
- ◆ Swap Parts

# *No Questions?*

- ◆ Thanks for Attending

# *Thanks for attending*

- ◆ Brian Morse
- ◆ Carl Irwin, PE
- ◆ Advanced Civil Technology
- ◆ Advantage Engineering, Inc.

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