Roundabout Design
3D Detail Modeling

Michael Donahue

Kimley»Horn

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- **APPROACH ROAD CORRIDOR**
  - Set / Project PGL's
  - Apply Template + PGL point control
- **ROUNDABOUT**
  - Set Inscribed Profile (target PGL's)
  - Project Profile to Apron EOP
    - Create independent profile if necessary (will result in varying cross slope within roundabout)
  - Apply Template
    - Use point control if using independent apron profile
- **DETAIL MODELING**
  - Outside EOP Profile
  - Set Construction Guideline profile at critical cross slope locations
  - Median Nose
  - Construction Lines for Triangulation
    - Partial projected profile along inscribed
  - Create Terrain from Elements
- **FINAL TOUCHES**
  - Model Cross Walk in median
  - Edge Templates with vertical transitions at curb ramps

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Mike.Donahue @Kimley-Horn.com

Kimley»Horn

Kimley-Horn and Associates, Inc.

1777 Main Street, Suite 200

Sarasota FL 34236

941.379.7600