Automated 3D Model Processing Comparison

Data: 5cm resolution images of Orlando, FL
Camera System: LeadAir Inc. 9 cam system
Resolution: 5 Cm

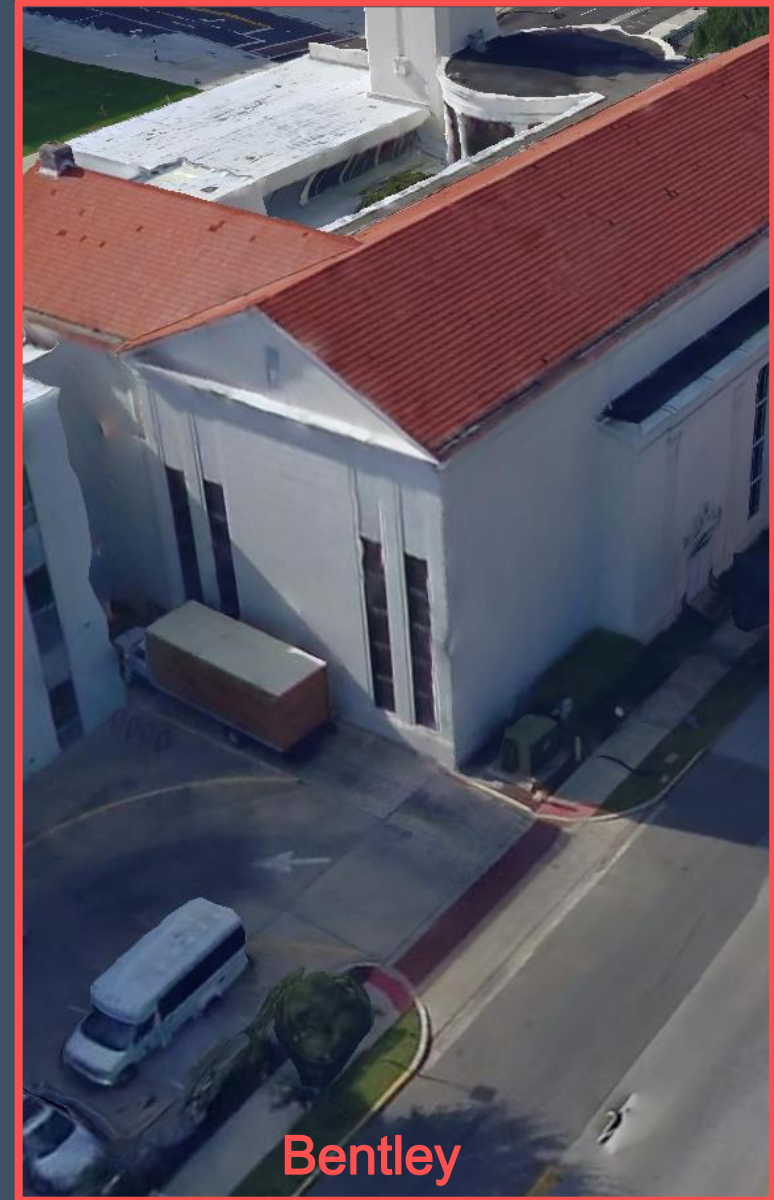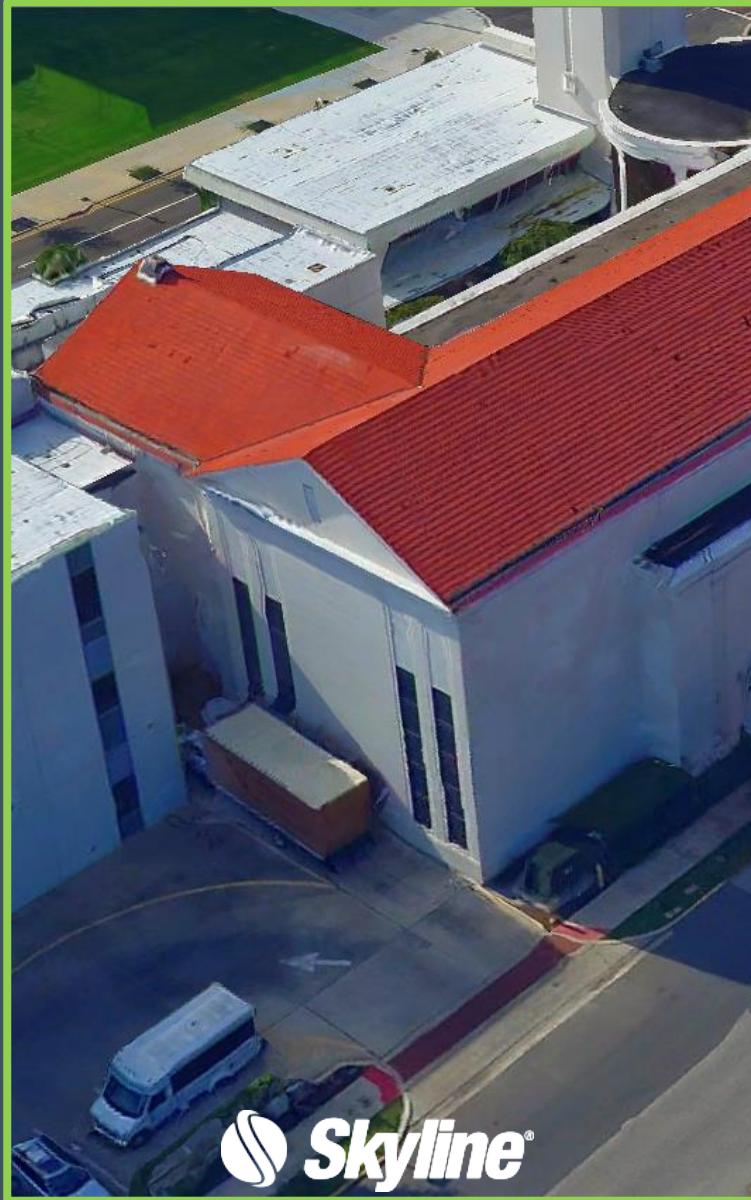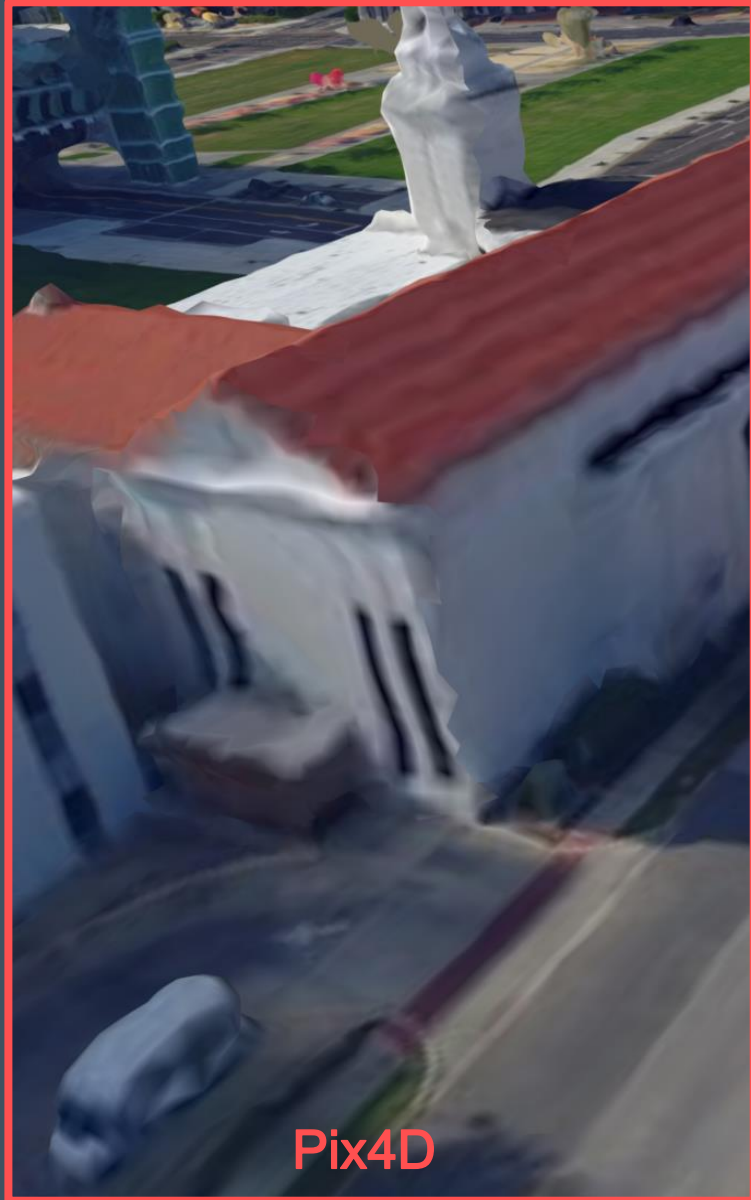Comparison between:
Skyline PhotoMesh
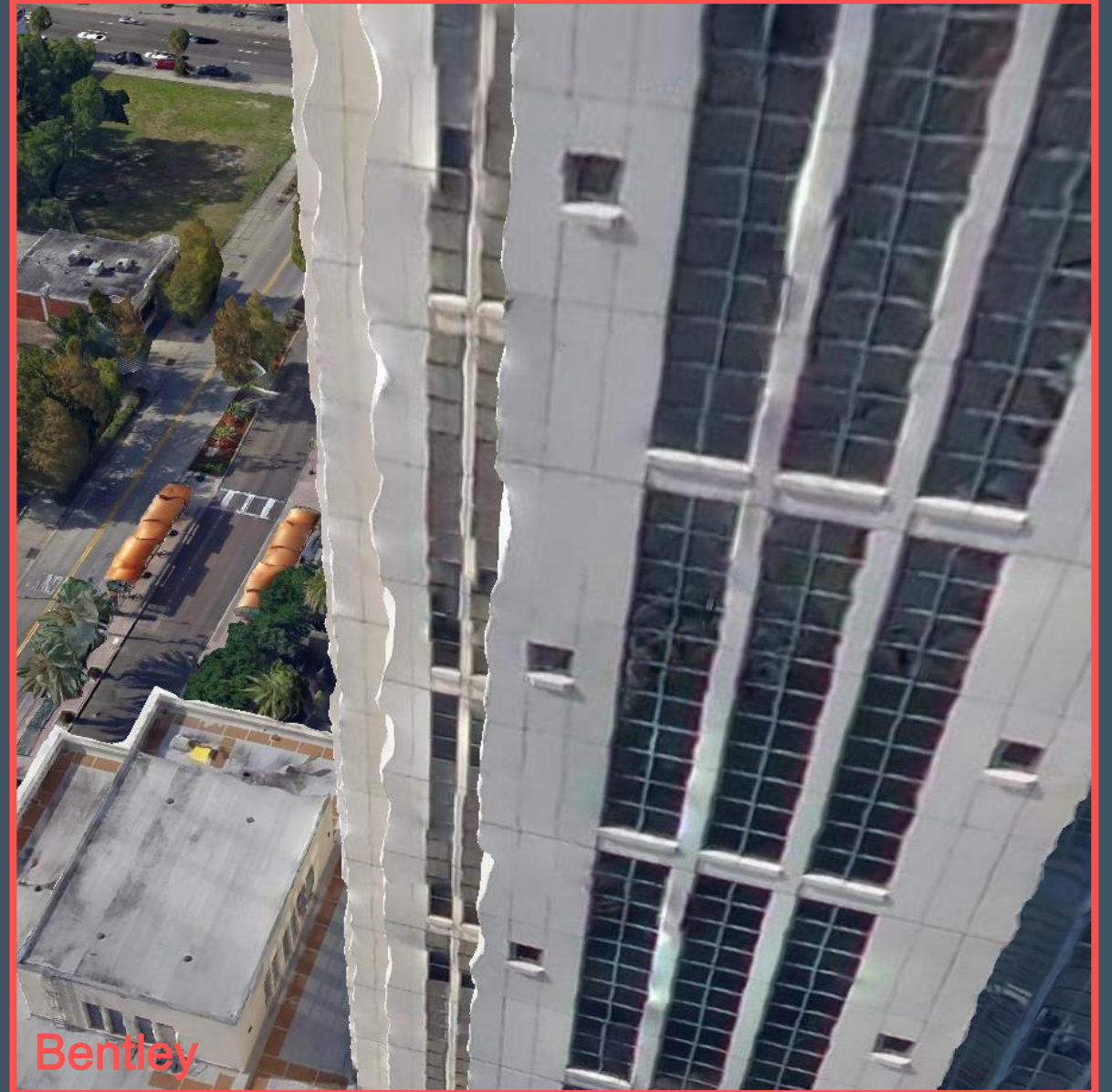Bentley ContextCapture (Acute3D)
Pix4d

Edges

Pix4D

Skyline®

Bentley

Edges

Edges

Skyline

Bentley

Edges

Thin Walls

Skyline

Bentley

Pix4D

Thin Walls

Skyline

Bentley

Pix4D

Glass Facades

Model Completeness
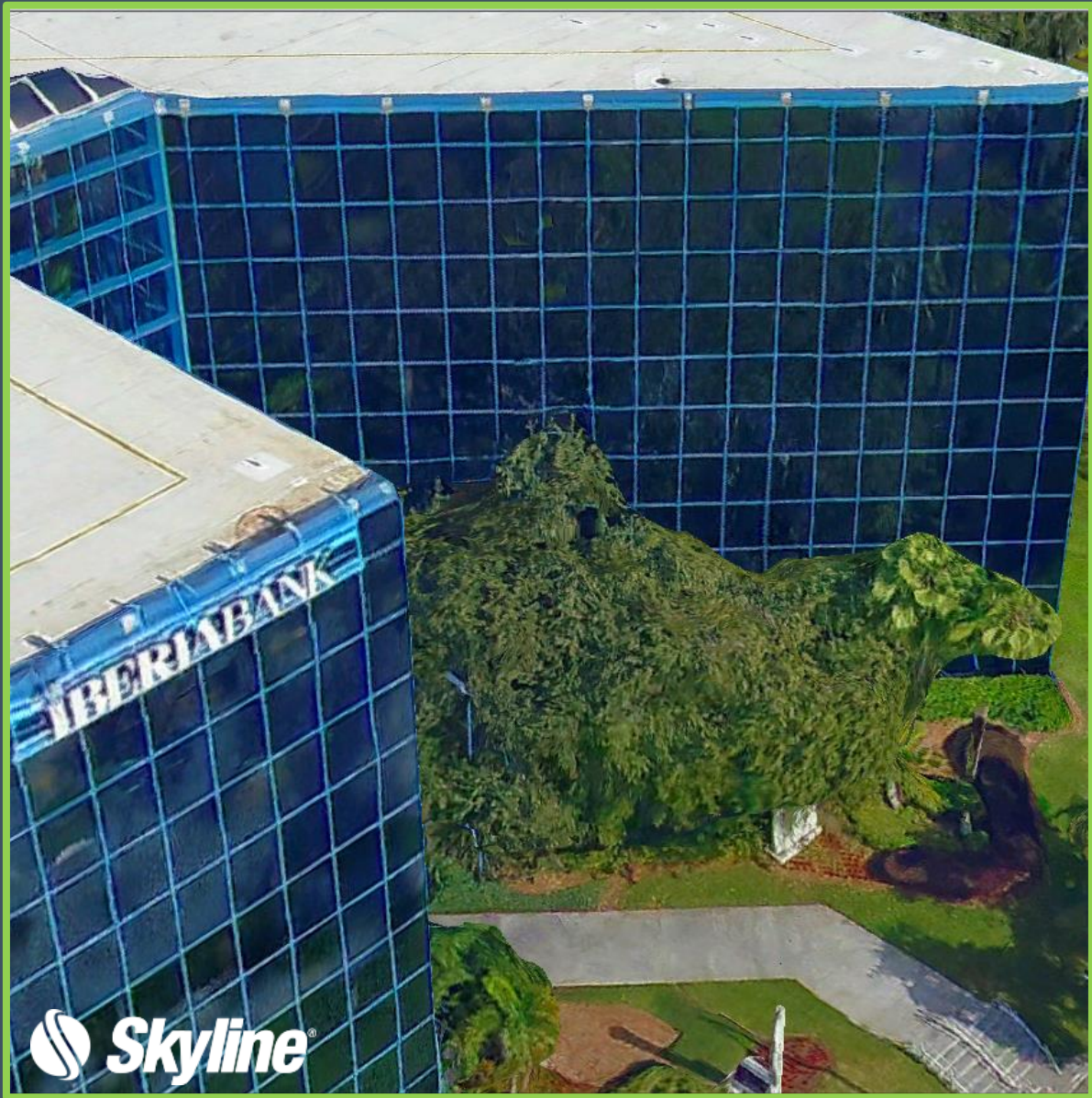
Model Completeness

Complex Roof

Skyline

Bentley

Pix4D

Complex Roof

Pix4D

Skyline

Bentley

Complex Roof

Pix4D

Skyline

Bentley
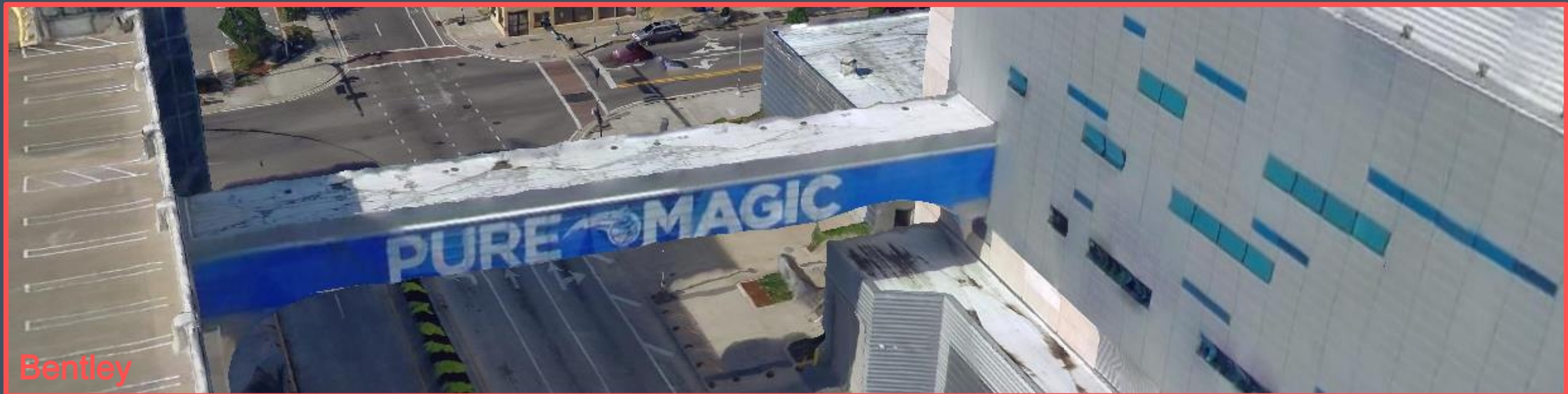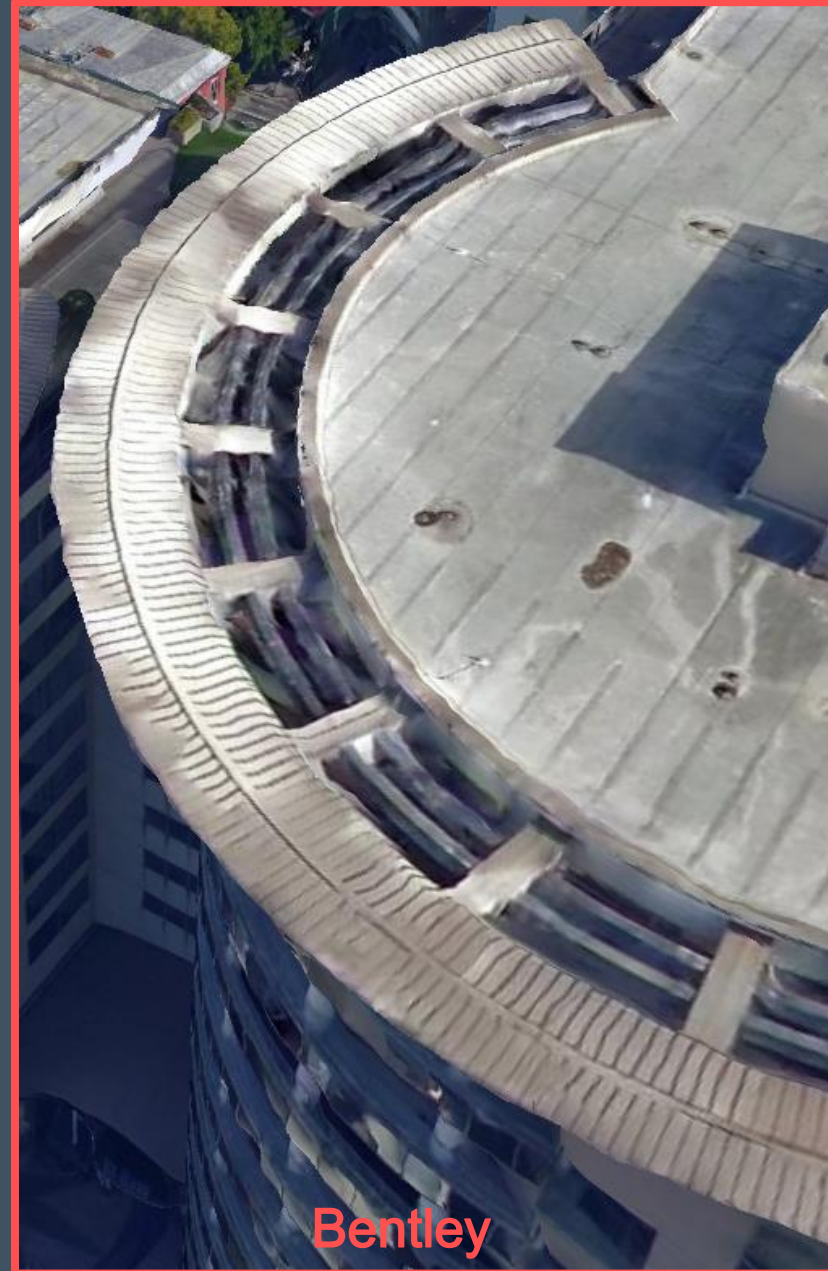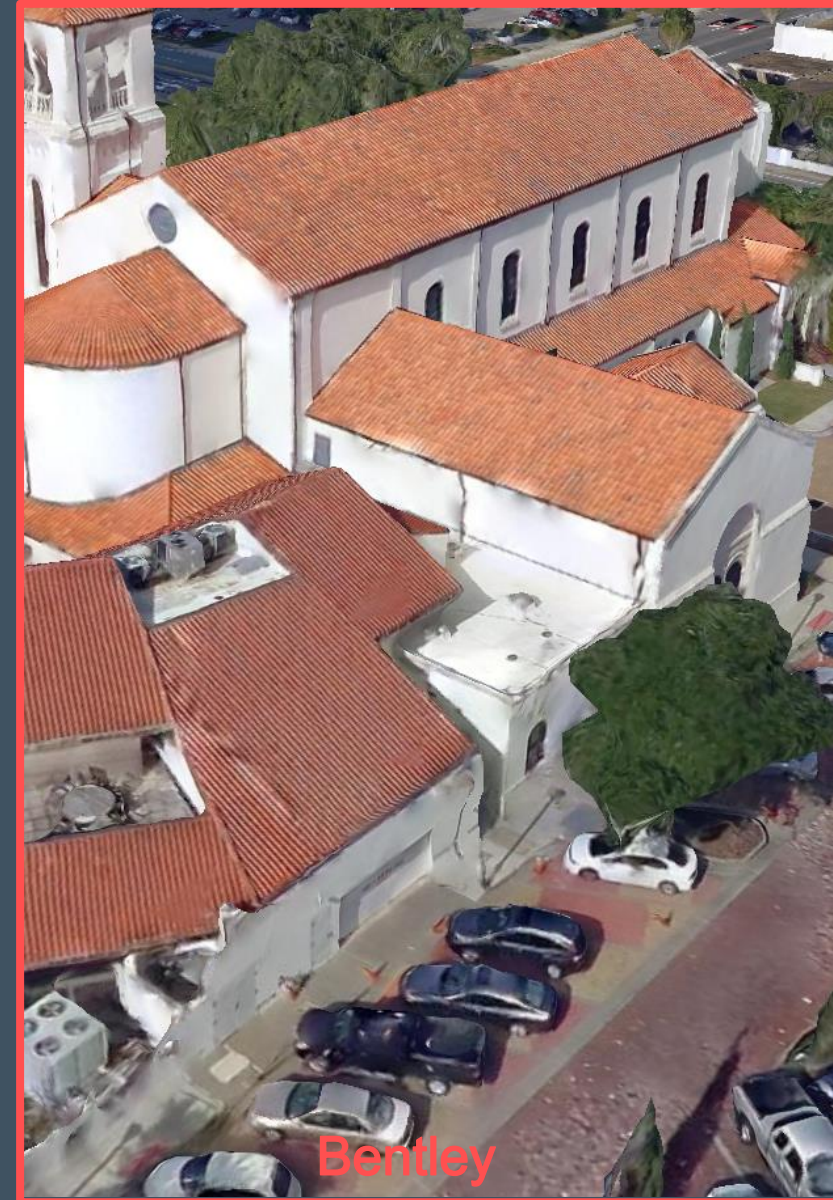
Small Feature Details

Small Feature Details
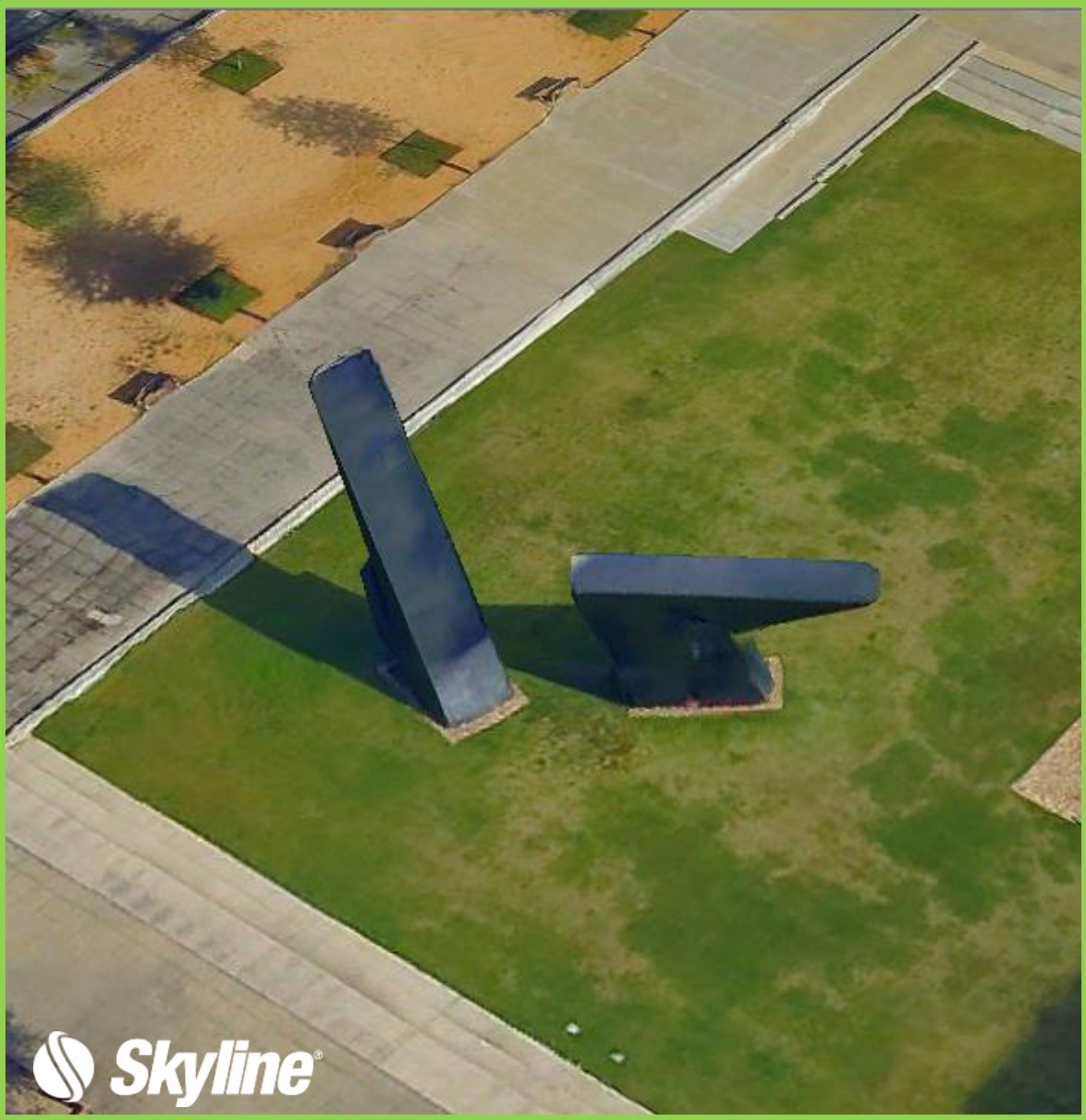
Skyline

Bentley

Pix4D

Fine Details

Fine Details
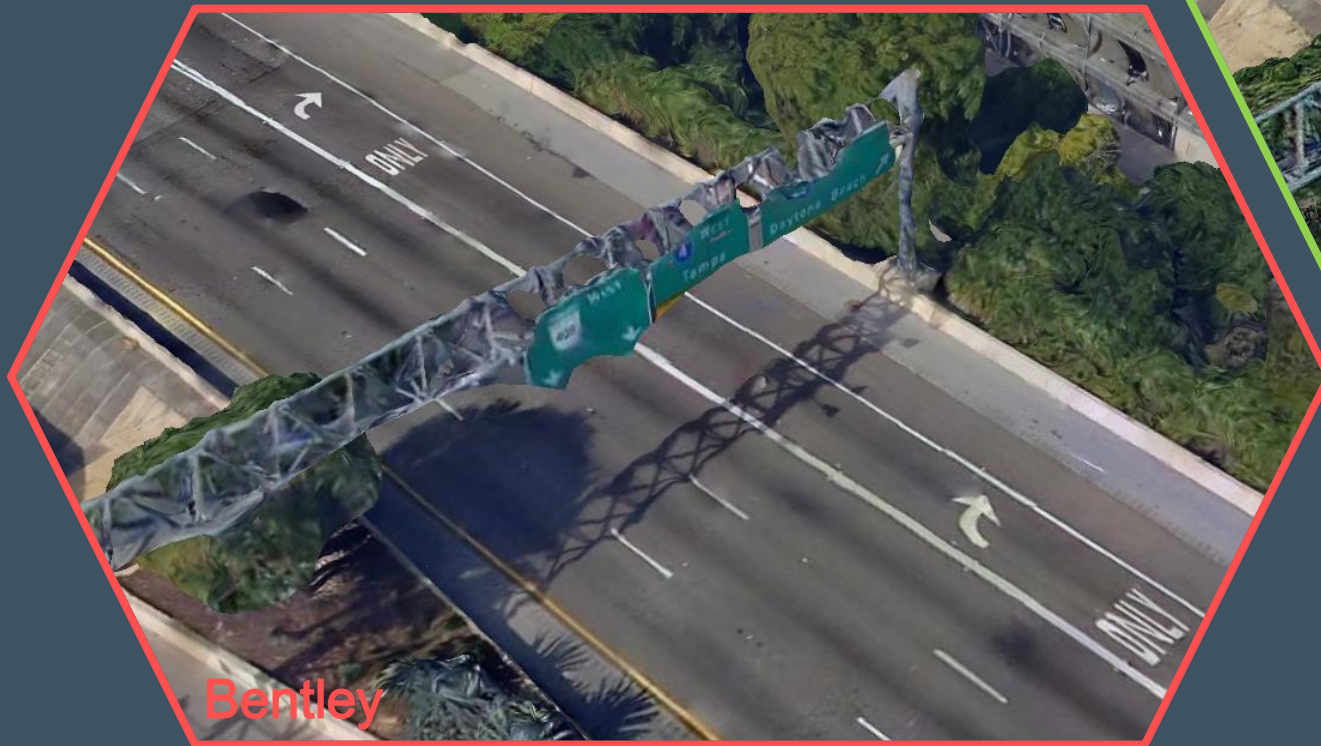
Pix4D

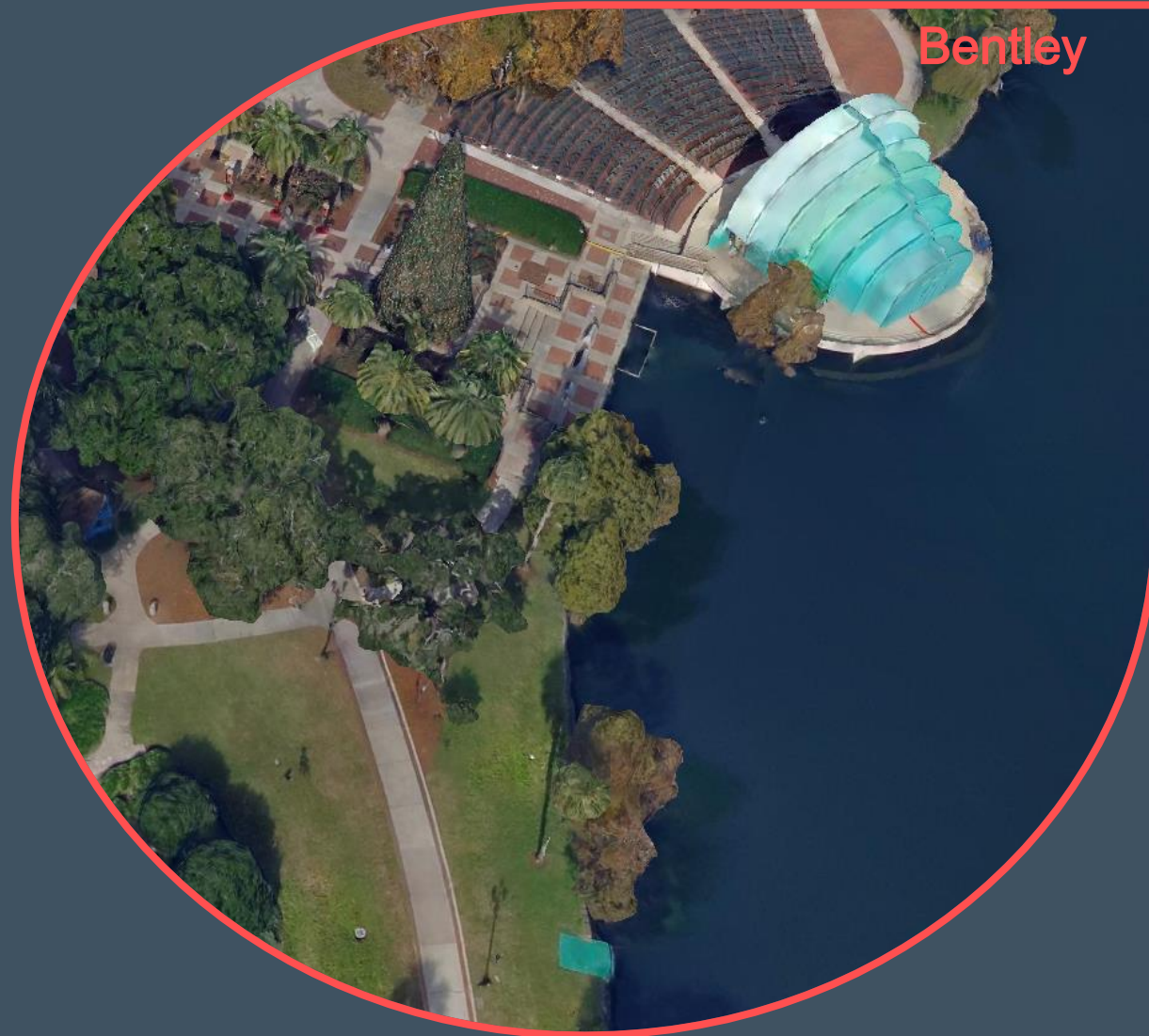Bentley

Fine Details

Pix4D

Bentley

Skyline
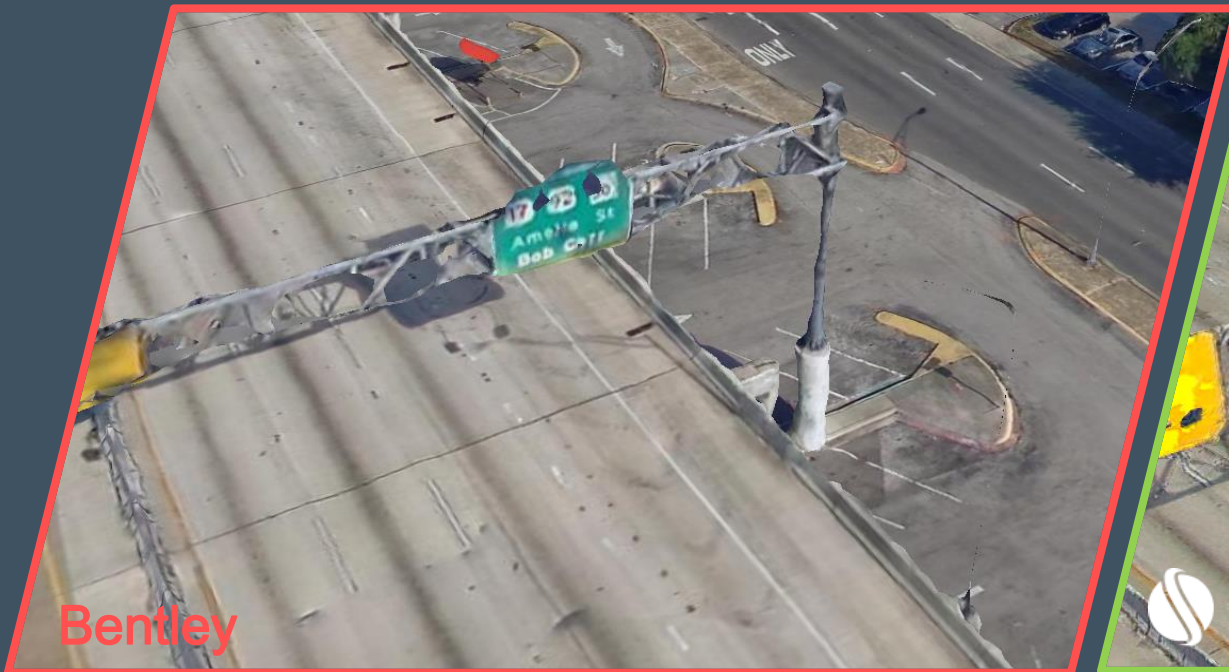
Fine Details
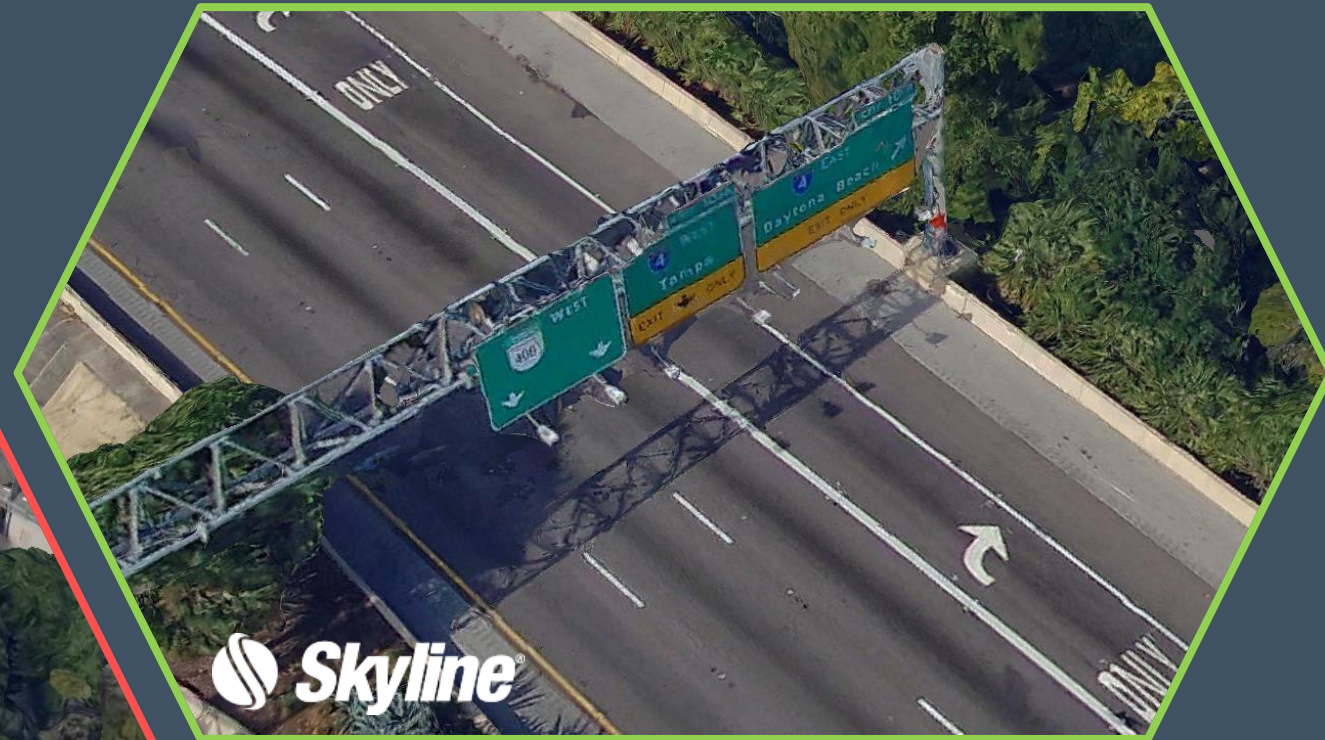
Skyline

Bentley
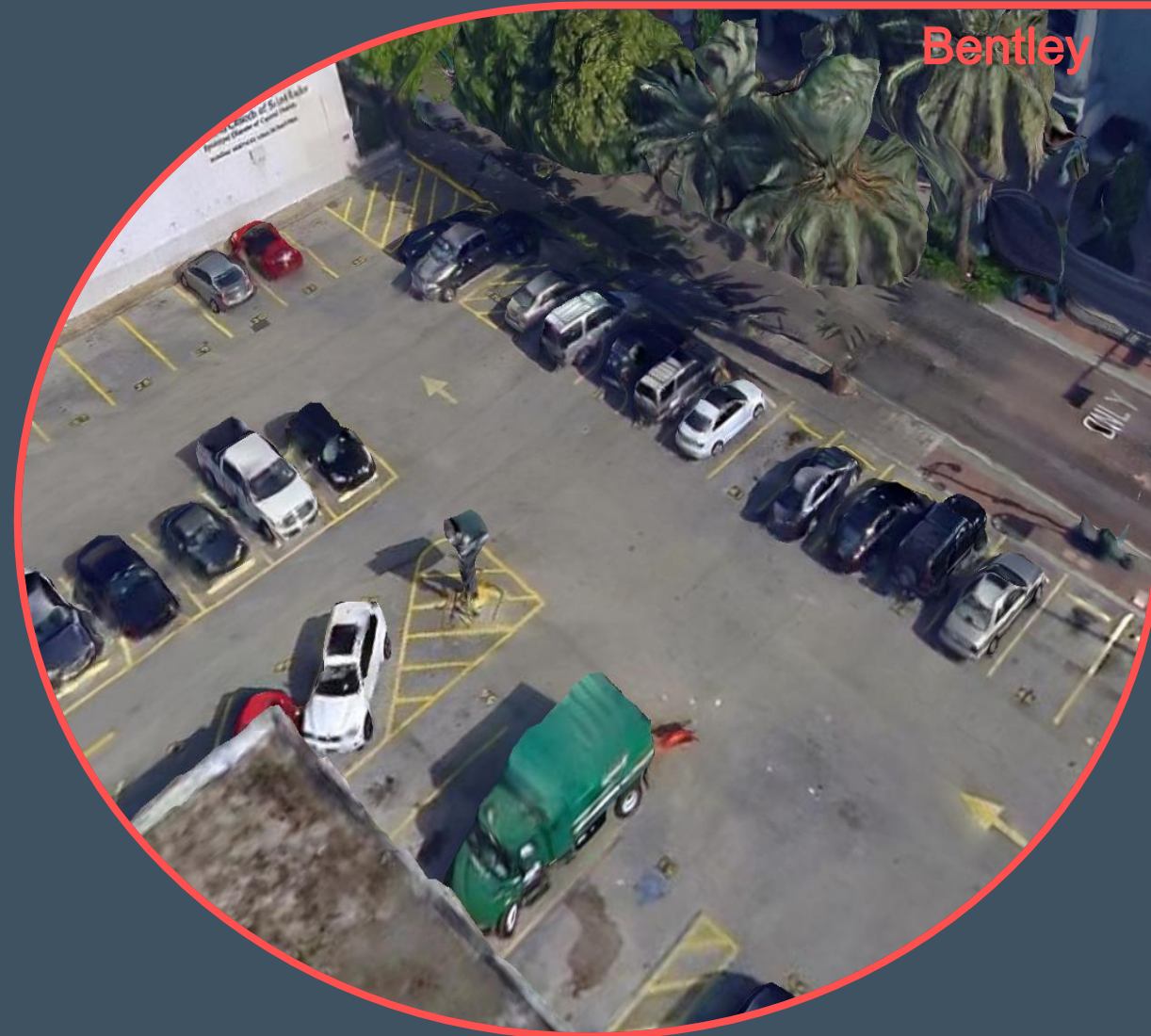
Trees and Water

Trees and vehicles

Data Compared:
Orlando, FL – Resolution: 5 Cm

Data Provider:
LeadAir Inc.

Date:
20-Jul-2017

Skyline PhotoMesh:
http://www.skylineglobe.com/sg7/TerraExplorerWeb/TerraExplorer.html

Pix4D
https://sketchfab.com/models/68b7b7861d5a493ba92a3164df9f0fde

Bentley (Acute3D)
http://d3h9zulrmcj1j6.cloudfront.net/Orlando_3MX/App/index2.html#%2F