LiDAR

- 2014: Regional Imagery Acquisition Partnership, via USGS GPSC contract
- 2015: FEMA via STARR II federal contract
- 2016/2017: SANDAG – County of San Diego / USGS 3DEP grant
Imagery

- 2017 Regional Imagery Acquisition Partnership
- Regionwide 9” imagery
Building Outlines

- SANDAG executed a contract with EagleView/Pictometry to delineate based on 2017 imagery

- Currently using Image Analyst and deep learning modules to produce annual updates based on Nearmap imagery
3D Basemap Creation

• SANDAG contracted with Esri to generate 3D basemap from LiDAR, outlines, and tree canopy inputs

• Processing entire region was resource intensive

• Training on ArcGIS 3D Basemap Solution processing and editing
Next Steps

• Data review and cleanup

• Publicly available in early summer

• Long term: update using new building footprints and future LiDAR acquisitions