Planimetric data workflow
3/26/2020
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Why keep planimetrics over time?

• Moving from a reactive process to a mixed approach with DRCOG.
  • Stay somewhat current in-between data deliveries. Then get full updates on off years.
  • Edit data over time with as-builts.

• Reduce redundant data
  • Don’t want to track data changes in more than one place or with workflows that cause excessive time investment.

• Track additional information in the planimetric data.
  • Need to persist over time and link to other systems (AMS, inspections, SCADA, UTB, documents....)
Examples

• Water treatment buildings in Beehive
• Roads for pavement management
• Parking lots with spaces, building with ownership
Buildings in Asset Management
Building details
Parking lots with added information
**Scripting:**

**Unique ID generation**

- Used for creating IDs on all assets
  - Key field to link to other systems (AMS, Utility Billing etc)
- Separate from DRCOG ID for features that we create
- Logic for unusual situations such as split or joined features
ETL

• Every two years this process can be automated
• Update based on ID (with a spatial component for buildings)
• Deleted records are marked as LIFECYCLE = Removed
• Added records are added
Derived Impervious Feature

• Used for stormwater runoff utility billing
  • Incentivizes having less impervious surfaces