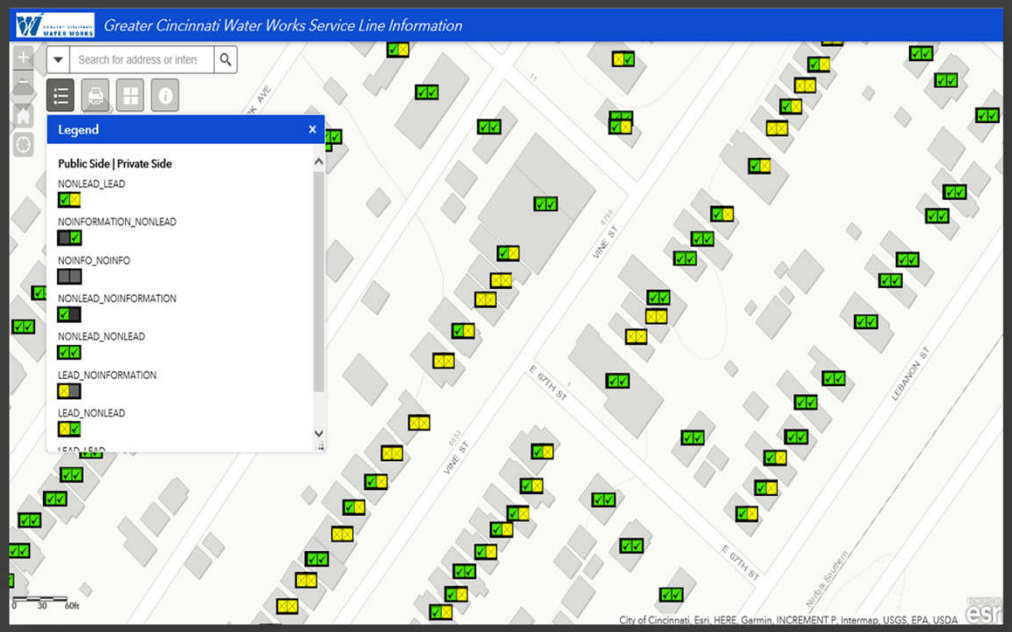
Lead Service Line Replacement Data - GIS



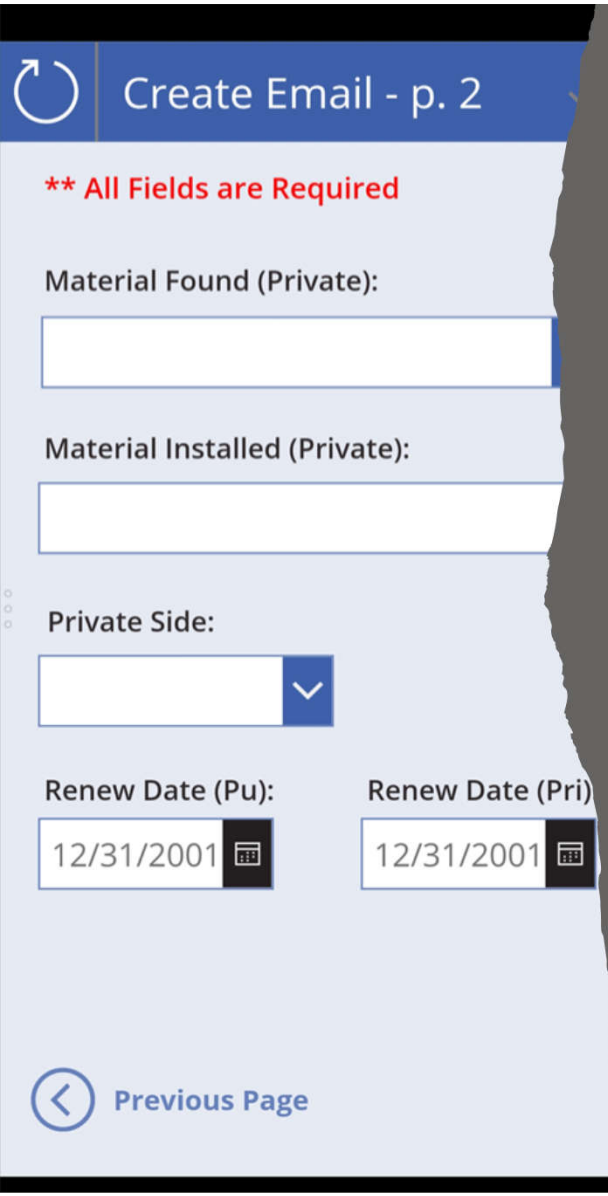
Public side branch material originally in billing system

2000 – GIS populated

- **Result: ~16,000 public LSLs**

2016 – develop on-line map:

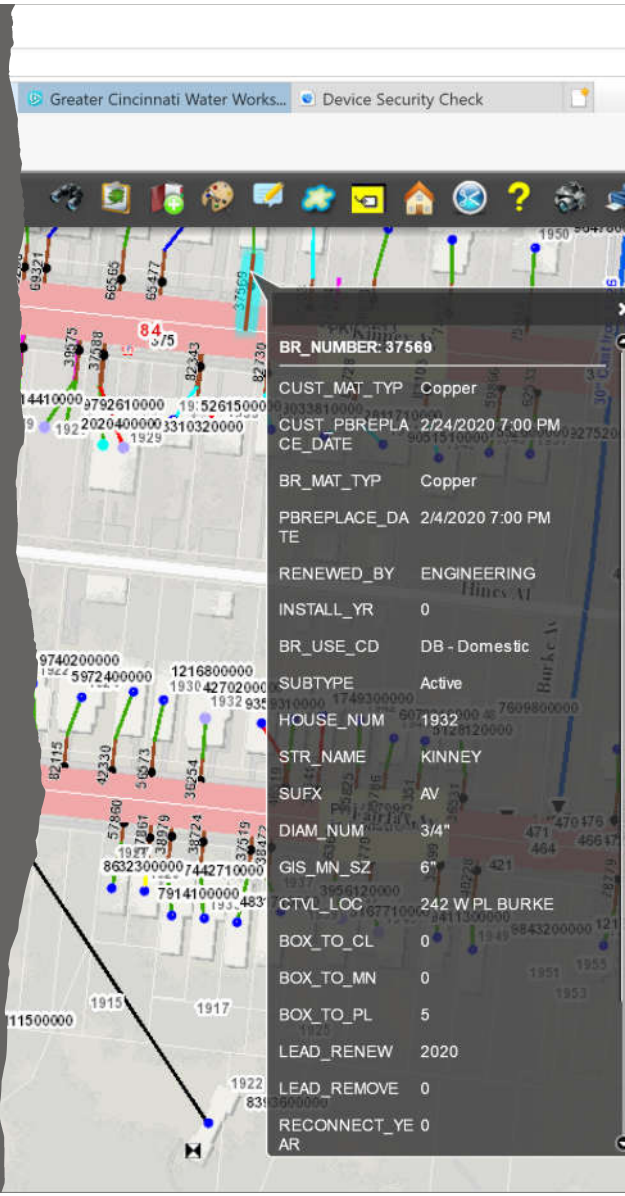
- **No private side info in GIS**
- **Quickly created though branch records, watermain project inspection reports, and CMMS work order info**
- **Result: ~44,000 private LSLs**
- **Deliverable: Searchable map in ArcGIS Online**



LSLRP Data - GIS

Data gathering improvements

- Pay attention to branch material
- More fields added to GIS, e.g.
  - Public side renew date
  - Private side renew date

Watermain project inspection enhancements

- Electronic form on phone
- Created with MS Power Apps
- Updated info sent to GIS editors
- Publicly available next day