



Austin Development Services Austin Technology Services | 11/2025

## History



- ArcIMS project, ca. 2004
- DEV webmap –Javascript API, ca. 2006
- Geocortex Essentials with HTML 5 viewer, ca. 2014
- Essentials Workflow/Reporting/Printing
- Migrated Workflow Reporting/Printing to VertiGIS Studio
- Migrating to VertiGIS Studio WebMigrated Workflow Reporting/Printing
- New Application October 2025

#### **Customers and Users**

- Internal Departments
- External Users Public, Companies

- Statistics per week
- Average: Over 3,000 IP addresses
- Average: Over 7,000 Total Requests

week_start	unique_ips	total_requests
WOOK_Start	amque_ips	totat_roquosts
2024-12-29	1353	2493
2025-01-05	3045	7571
2025-01-12	3241	7819
2023-01-12	3241	7019
2025-01-19	3035	7125
2025-01-26	3369	8701
2025-02-02	3270	8338
2023-02-02	0270	0000
2025-02-09	3135	7936
2025-02-16	3102	7631
2025-02-23	3196	7838
2020 02 20	0100	7000
2025-03-02	3245	8053
2025-03-09	3200	7980
2025-03-16	3028	7015
	0020	7010
2025-03-23	3381	8417
2025-03-30	2538	5711

## Publishing Services

- ArcGISPro projects
- Data standards
- Publishing to
- DEV,
- TEST,
- PROD

Home > services > Shared > ReviewCases (MapServer)

JSON | SOAP

#### Shared/ReviewCases (MapServer)

View In: ArcGIS JavaScript ArcGIS Online Map Viewer ArcGIS Earth ArcGIS Pro

Service Description:

Map Name: Layers

Legend

All Layers and Tables

Dynamic Legend

Dynamic All Layers

#### Layers:

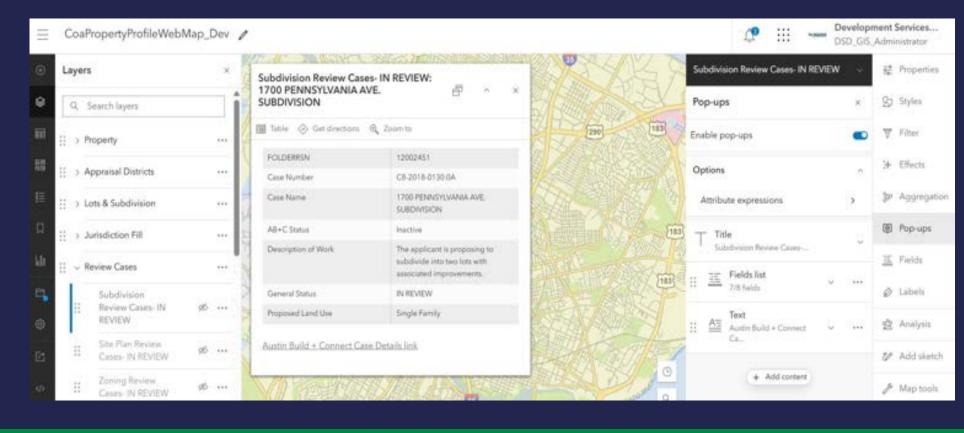
- Subdivision Review Cases- IN REVIEW (0)
- Site Plan Review Cases- IN REVIEW (1)
- Zoning Review Cases- IN REVIEW (2)
- Neighborhood Plan Amendment Review Cases- IN REVIEW (3)
- Board of Adjustment Cases- (All) (4)
- Subdivision Review Cases (All) (5)
- . Site Plan Review Cases (All) (6)
- Zoning Review Cases (All) (7)
- Neighborhood Plan Amendment Review Cases (All) (8)
- Regional Stormwater Management Program Requests (9)
- Detention Waiver Requests (10)
- Traffic Impact Site Plans (11)
- . Traffic Impact Zoning Cases (12)
- Subdivision Site Plan Inspections (13)
- Amanda Notices (14)

Amenda Feldon (45

### **ArcGIS Online Web Map**



- Close to 200 Layers
- Configurations
  - Layers
  - Fields
  - Popups
  - Symbology





#### **Workflow Conversion**



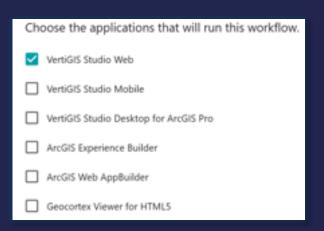
- Compatible with VertiGIS Web Turn on VertiGIS Studio Web
  - under Deployment
- Esri's map object converted to custom JSON object
  - Site Object → Map Object
  - JSON Map object

outputs.map.map.allLayers.items[216].id

VS

outputs.value.featureServices.ElectricalPermits.id

 Results – Run results.set-display-components with results-table or results-list parameters





#### **Standards**



- Unique IDs to all activities
- Start Up Container
  - Declare variables using 'Create Value'
  - Get workflow inputs
- Placeholders to end Loop, If and Switch
- Notes for detailed comments



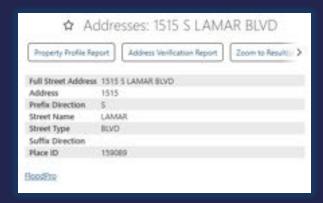
RunWorkflowByUrlAndinputs Below is the Command Parameter for calling this workflow with inputs. SearchType Valid Search Types "All" - allows user to search by either Address, Intersection, or "Address" - only displays Address Search elements. This is also the default behavior if no inputs are "Intersection" - only displays Intersection Search elements "StreetSegment" - only displays Street Search elements that find all Segments for a specified Street "StreetAddress" - only displays Street Search elements that find all Addresses for a specified Street Name SearchText The string of characters used to execute the search - i.e. the result of an autocomplete, freeform text for intersection or street name search, etc. Placeld The Place ID used to execute the search. Use this in

place of the Search Text.

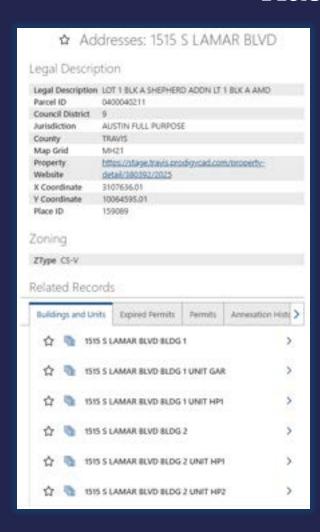
## **Layer Configuration**

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Result / Feature Actions



- Data Links
  - Client and Server-side workflows
  - One to one and One-to-Many Cardinality

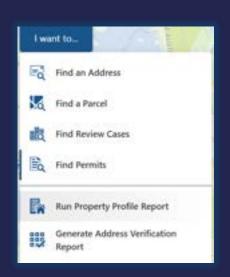


## Other Application Configurations



- Tool bar
  - Out-of-the-box
  - Plug & Play
- 'I want to...' menu
- Basemap Series Imagery Slider

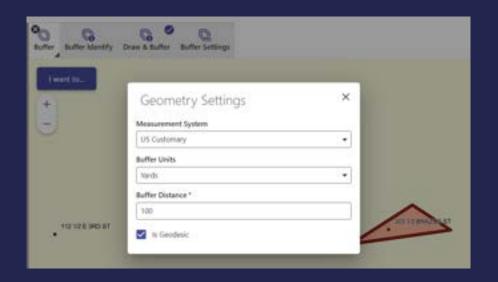




#### **Custom Commands/Feature Actions**



Draw & Buffer

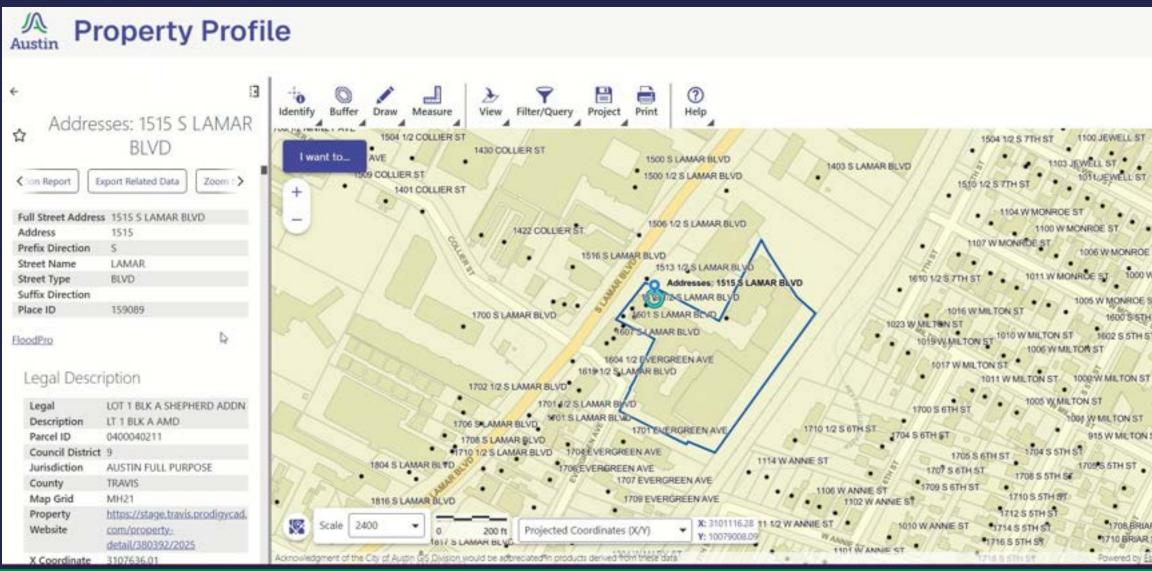




- Export Address Related Data
  - Server-side workflows to download address related data
  - Custom client workflow to encapsulate download links from serverside workflows

### **Export Related Data**





## User Acceptance Testing



- First Round Internal
  - Cross Departmental
  - Demo
  - Survey 123
- Second Round External, A Few Known Power Users
- Third Round Open to All
  - Sign up Message on App
  - 300 Sign ups
  - Form Stack with Demo Videos
  - 100 Responses

## User Acceptance Testing - Results



- Look and Feel
  - Less Mouse Travel
  - Toolbar Consilidation
- Development/Enhancements
  - Some we can do
  - Some we cannot
- Training Requests
  - Contact Information
  - Improve and Embed Documentation Story Maps
  - FAQ <a href="https://storymaps.arcgis.com/stories/2f199c40bb07404d9f8cdbd8fc1bde44">https://storymaps.arcgis.com/stories/2f199c40bb07404d9f8cdbd8fc1bde44</a>
  - Videos <a href="https://storymaps.arcgis.com/stories/23ff7bbd55324ae19eca87c237ef8787">https://storymaps.arcgis.com/stories/23ff7bbd55324ae19eca87c237ef8787</a>

#### **Lessons Learned**



- More Feedback After Roll Out
  - Loss of Capability
    - Labeling AGOL Limitations
    - Export Limitations?
  - Gain of Capability
    - Educate Users
    - How To Videos
- Rebranding
  - Coincidental Timing
  - Seperates Old from New
  - Redo Documentations and Videos



# Demonstration

https://maps.austintexas.gov/PropertyProfile/