

# Roads and Highways Address Management

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# Agenda

## Roads and Highways Address Management

- ArcGIS Platform
- Roads and Highways Event Editor
- Address Management Deployment
  - Download
  - Install
- Address Management Configuration
  - Address Block Range Event
  - Address Points
  - Polygon Attribute Transfer
- Demonstration

# ArcGIS ▶ A Complete GIS Platform

ArcGIS

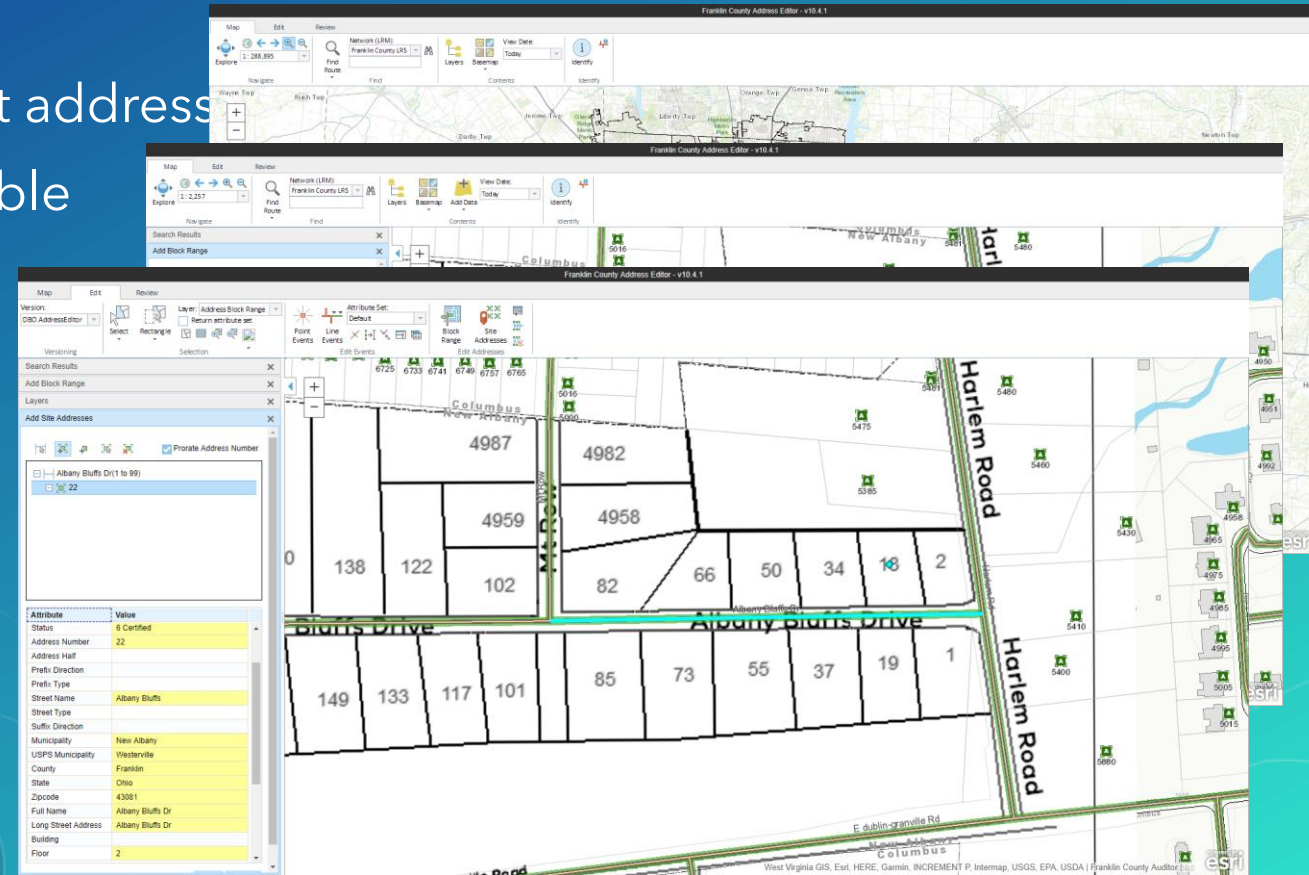


*Deployable On-Premises and Online*



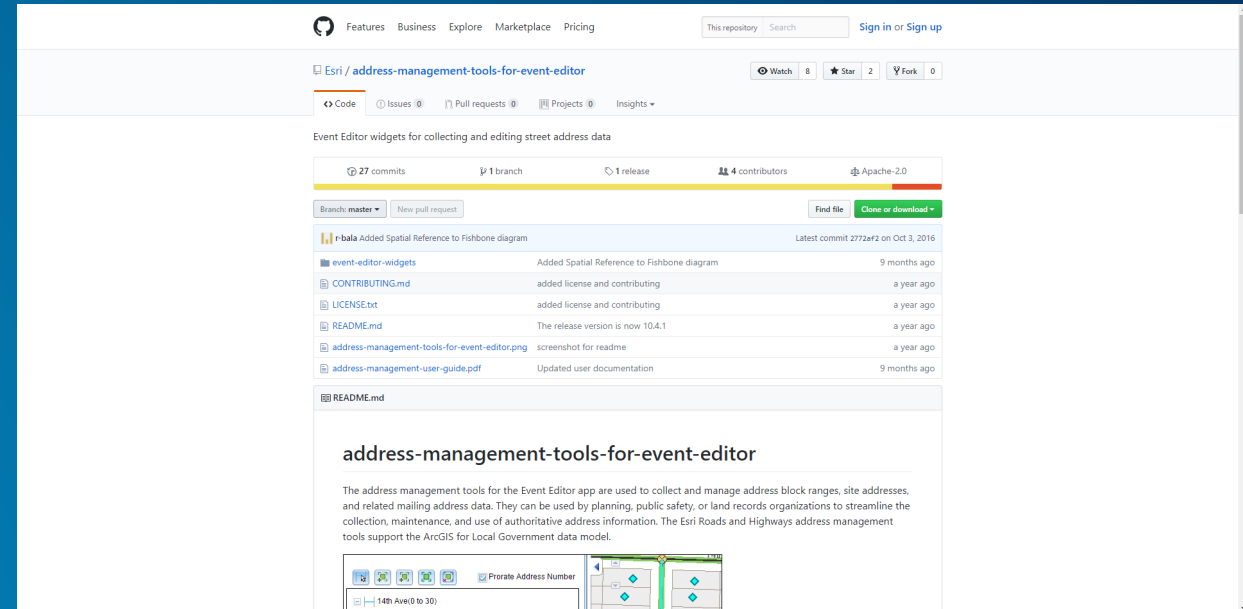
# Roads and Highways Event Editor

- Configurable
- Manage and edit linear-referenced street addresses
- Add street names to a master address table
- Add and edit address block ranges
- Add and edit site address points



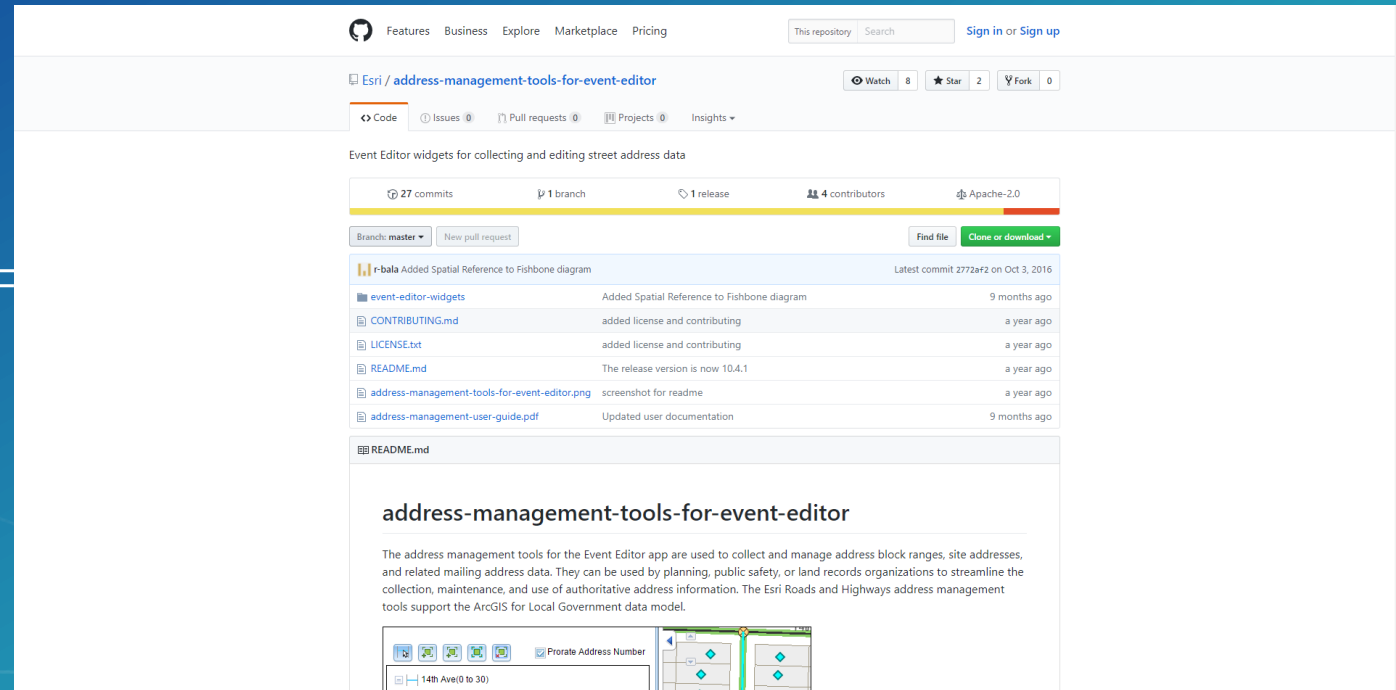
# Address Management Deployment

- [Download from GitHub](#)
- Includes
  - User Guide
  - Address Management Widget
  - Address Management Configuration File



# Address Management Deployment

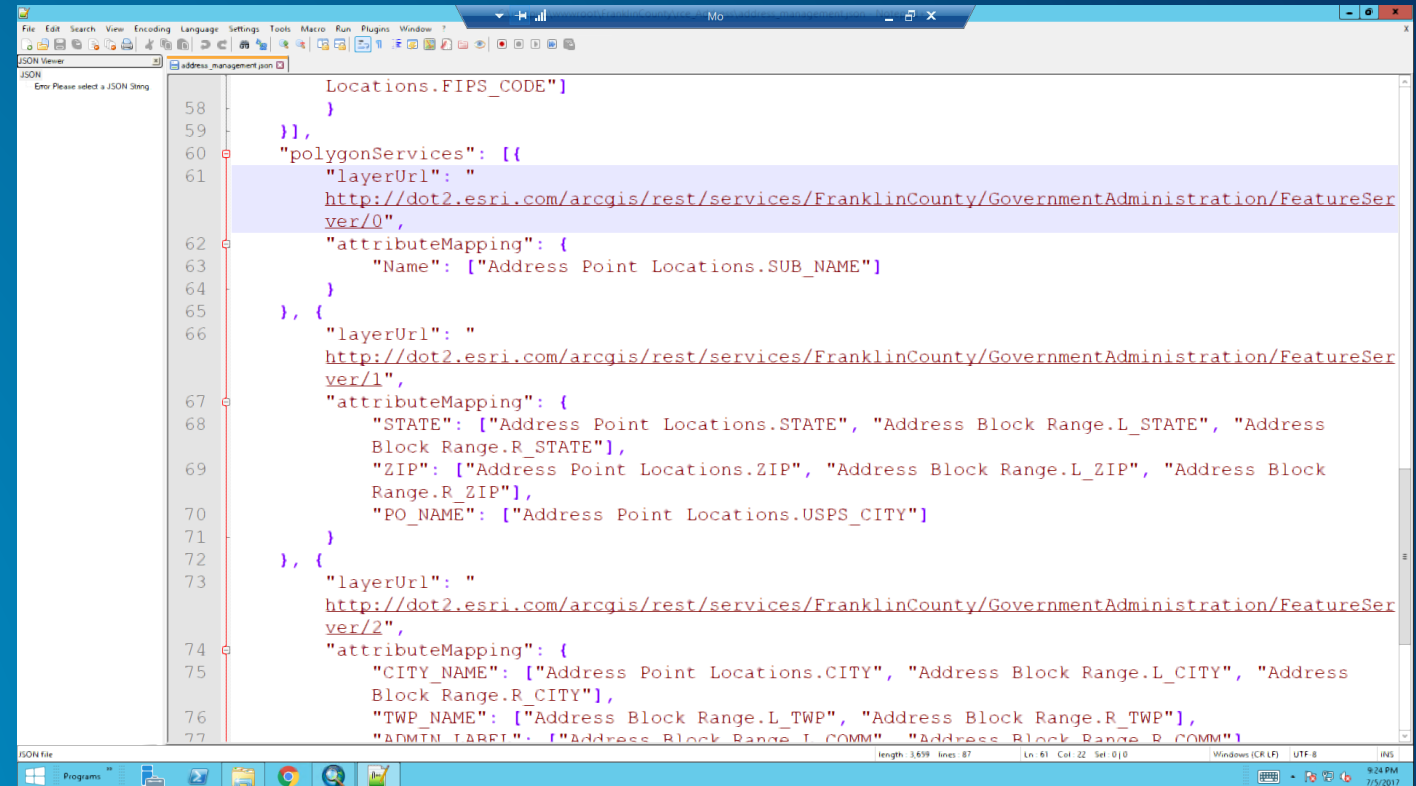
- [Download from GitHub](#)
- Includes
  - User Guide
  - Address Management Widget
  - Address Management Configuration File



# Address Management Configuration

- JSON File

- Address Block Range
- Master Streetname Table
- Site Address Points
- Selection Color
- Fishbone Selection Settings
- Point and Line In Polygon Settings
- Polygon Services



The screenshot shows a text editor window with a JSON file named 'address\_management.json'. The JSON content is as follows:

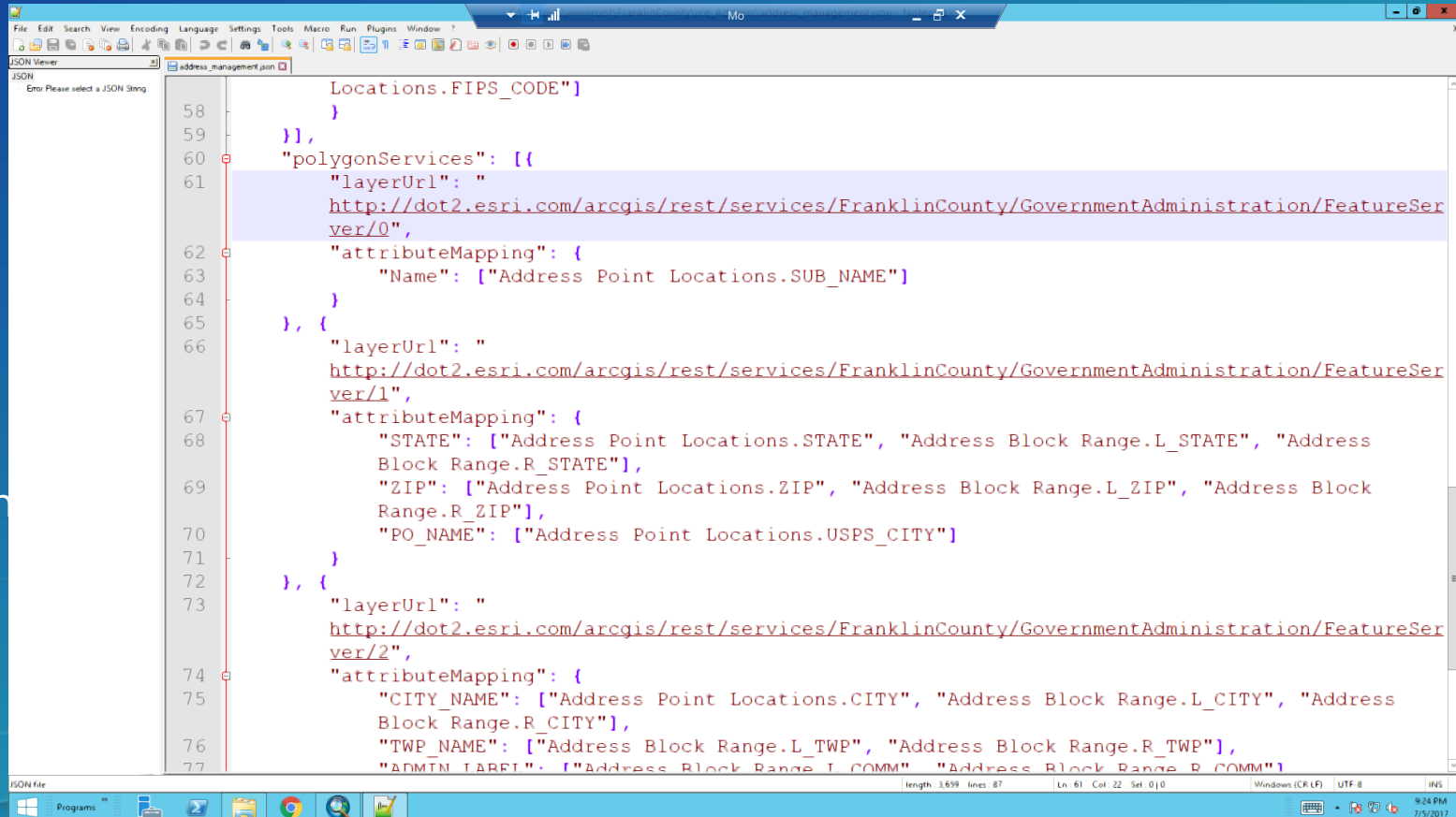
```
58     Locations.FIPS_CODE"]
59   },
60   "polygonServices": [{
61     "layerUrl": "
62     http://dot2.esri.com/arcgis/rest/services/FranklinCounty/GovernmentAdministration/FeatureSer
63     ver/0",
64     "attributeMapping": {
65       "Name": ["Address Point Locations.SUB_NAME"]
66     }, {
67     "layerUrl": "
68     http://dot2.esri.com/arcgis/rest/services/FranklinCounty/GovernmentAdministration/FeatureSer
69     ver/1",
70     "attributeMapping": {
71       "STATE": ["Address Point Locations.STATE", "Address Block Range.L_STATE", "Address
72       Block Range.R_STATE"],
73       "ZIP": ["Address Point Locations.ZIP", "Address Block Range.L_ZIP", "Address Block
74       Range.R_ZIP"],
75       "PO_NAME": ["Address Point Locations.USPS_CITY"]
76     }, {
77     "layerUrl": "
78     http://dot2.esri.com/arcgis/rest/services/FranklinCounty/GovernmentAdministration/FeatureSer
79     ver/2",
80     "attributeMapping": {
81       "CITY_NAME": ["Address Point Locations.CITY", "Address Block Range.L_CITY", "Address
82       Block Range.R_CITY"],
83       "TWP_NAME": ["Address Block Range.L_TWP", "Address Block Range.R_TWP"],
84       "ADMN_IAREF": ["Address Block Range.L_COMM", "Address Block Range.R_COMM"]
85     }
86   ]
87 }
```

The status bar at the bottom indicates the file is 'address\_management.json', has a length of 3,639, 87 lines, and is currently at line 61, column 22, set 0 of 0. The system tray shows the date and time as 9:24 PM on 7/5/2017.

# Address Management Configuration

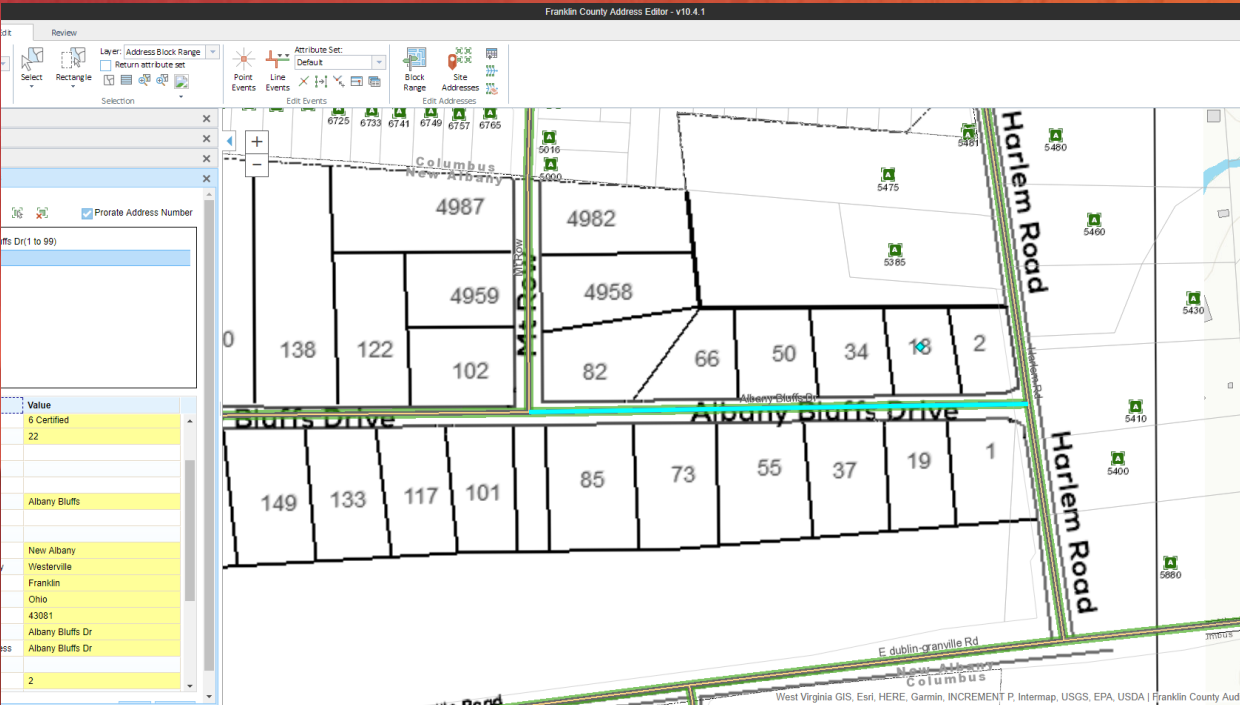
- JSON File

- Address Block Range
- Master Streetname Table
- Site Address Points
- Selection Color
- Fishbone Selection Settings
- Point and Line In Polygon Settings
- Polygon Services



```
58     "Locations.FIPS_CODE":  
59     },  
60     "polygonServices": [  
61     {  
62         "layerUrl": "  
63         http://dot2.esri.com/arcgis/rest/services/FranklinCounty/GovernmentAdministration/FeatureSer  
64         ver/0",  
65         "attributeMapping": {  
66             "Name": ["Address Point Locations.SUB_NAME"]  
67         }  
68     }, {  
69         "layerUrl": "  
70         http://dot2.esri.com/arcgis/rest/services/FranklinCounty/GovernmentAdministration/FeatureSer  
71         ver/1",  
72         "attributeMapping": {  
73             "STATE": ["Address Point Locations.STATE", "Address Block Range.L_STATE", "Address  
74             Block Range.R_STATE"],  
75             "ZIP": ["Address Point Locations.ZIP", "Address Block Range.L_ZIP", "Address Block  
76             Range.R_ZIP"],  
77             "PO_NAME": ["Address Point Locations.USPS_CITY"]  
78         }  
79     }, {  
80         "layerUrl": "  
81         http://dot2.esri.com/arcgis/rest/services/FranklinCounty/GovernmentAdministration/FeatureSer  
82         ver/2",  
83         "attributeMapping": {  
84             "CITY_NAME": ["Address Point Locations.CITY", "Address Block Range.L_CITY", "Address  
85             Block Range.R_CITY"],  
86             "TWP_NAME": ["Address Block Range.L_TWP", "Address Block Range.R_TWP"],  
87             "ADMIN LABEL": ["Address Block Range.L_COMM", "Address Block Range.R_COMM"]  
88         }  
89     }  
90     ]  
91 }
```





# Demonstration

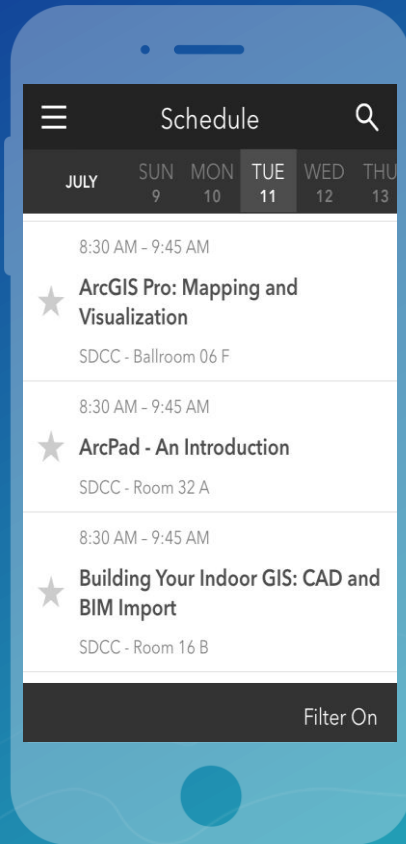
Using the Event Editor Address Management Tools

# Please Take Our Survey on the Esri Events App!

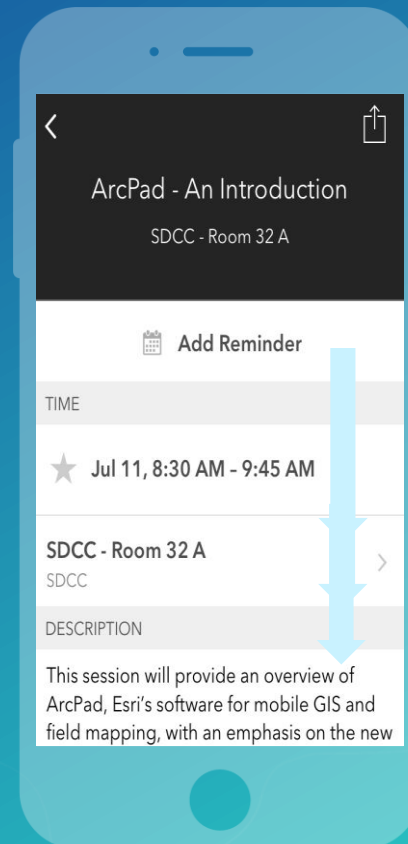
Download the Esri Events app and find your event



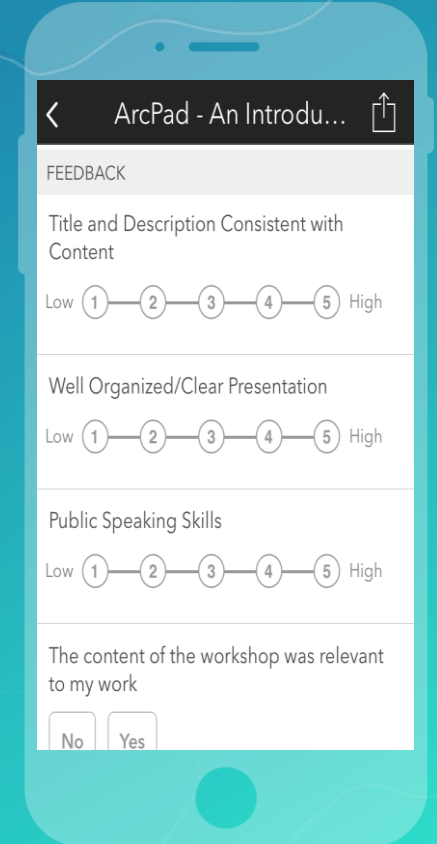
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"







esri

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