

Rapid Deployment of Survey Status Tracker in Portal for ArcGIS

Adam Hinely – Alabama Power Company
Esri GeoConX 2019



Portal for ArcGIS

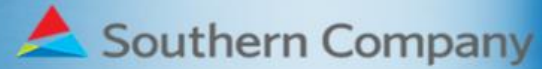


Home Gallery Map Scene Groups Content Organization



Adam ▾

GIS Web Portal



- Alabama Power ▶
- Georgia Power ▶
- Gulf Power ▶
- Mississippi Power ▶
- Southern Company ▶

*Create Your Own Maps
And Web Applications*

Featured Maps and Apps



Business Area Viewer Application



HUB View Application



WebGIS Application



MPC Distribution Base Map



- SDE Feature Classes

Name	Type
APTRANCONMVA.DBO.Survey_Access_Roads	SDE Feature Class
APTRANCONMVA.DBO.Survey_Accuracy_Points	SDE Feature Class
APTRANCONMVA.DBO.Survey_Centerline	SDE Feature Class
APTRANCONMVA.DBO.Survey_Lines	SDE Feature Class
APTRANCONMVA.DBO.Survey_Parcels	SDE Feature Class
APTRANCONMVA.DBO.Survey_Points	SDE Feature Class

- Domains

Database Properties

General Domains Connections Editor Tracking

Domain Owner	Domain Name	Description
DBO	SurveyLinesType	
DBO	SurveyParcelsType	
DBO	SurveyPointsType	
DBO	TrueOrFalse	
DBO	TVMS_ABSIT_STATUS	Absit Status
DBO	type_conduit	
DBO	type_duct	
DBO	type_rod	

Domain Properties:

Field Type	Text
Domain Type	Coded Values
Split policy	Default Value
Merge policy	Default Value

Coded Values:

Code	Description
Other	Other
Done	Done
Warning	Warning
Additional Info	Additional Info

OK Cancel Apply

- Service Settings

General
Parameters
Capabilities
Pooling
Processes
Caching
Item Description

Select and configure capabilities

<input checked="" type="checkbox"/> Mapping (always enabled)	<input type="checkbox"/> WCS
<input type="checkbox"/> WMS	<input checked="" type="checkbox"/> Feature Access
<input type="checkbox"/> Schematics	<input type="checkbox"/> Mobile Data Access
<input type="checkbox"/> Network Analysis	<input type="checkbox"/> KML
<input type="checkbox"/> WFS	

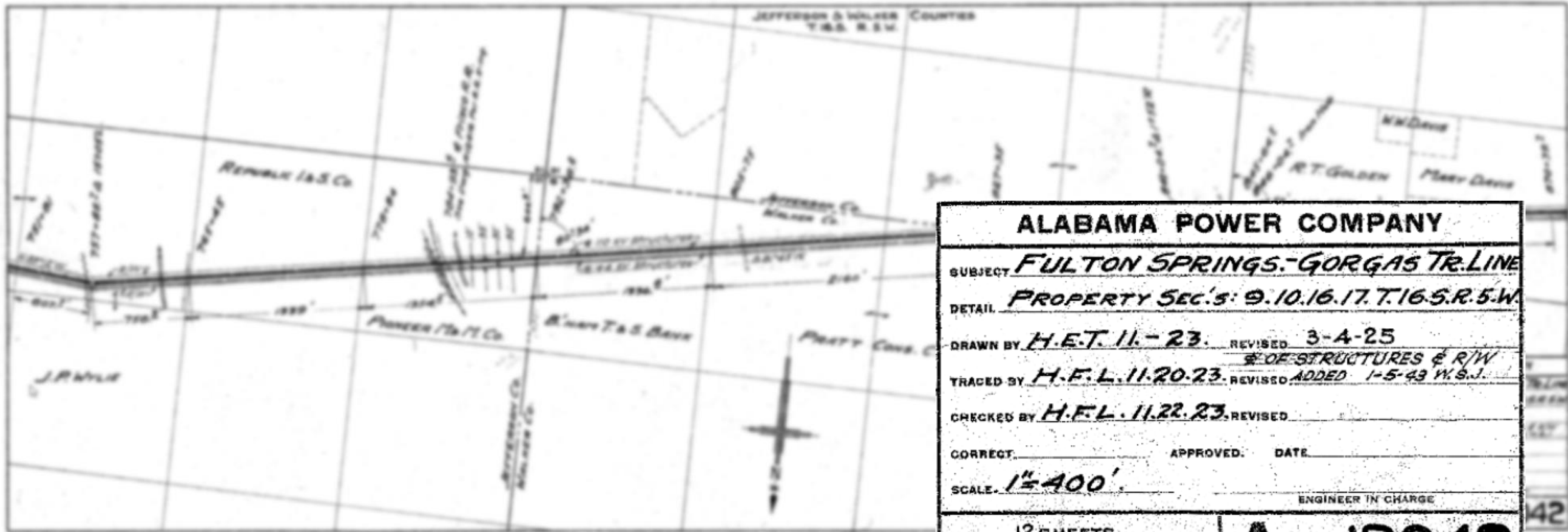
Operations Allowed

<input checked="" type="checkbox"/> Create	<input checked="" type="checkbox"/> Query	<input checked="" type="checkbox"/> Update
<input checked="" type="checkbox"/> Sync	<input checked="" type="checkbox"/> Delete	

Properties

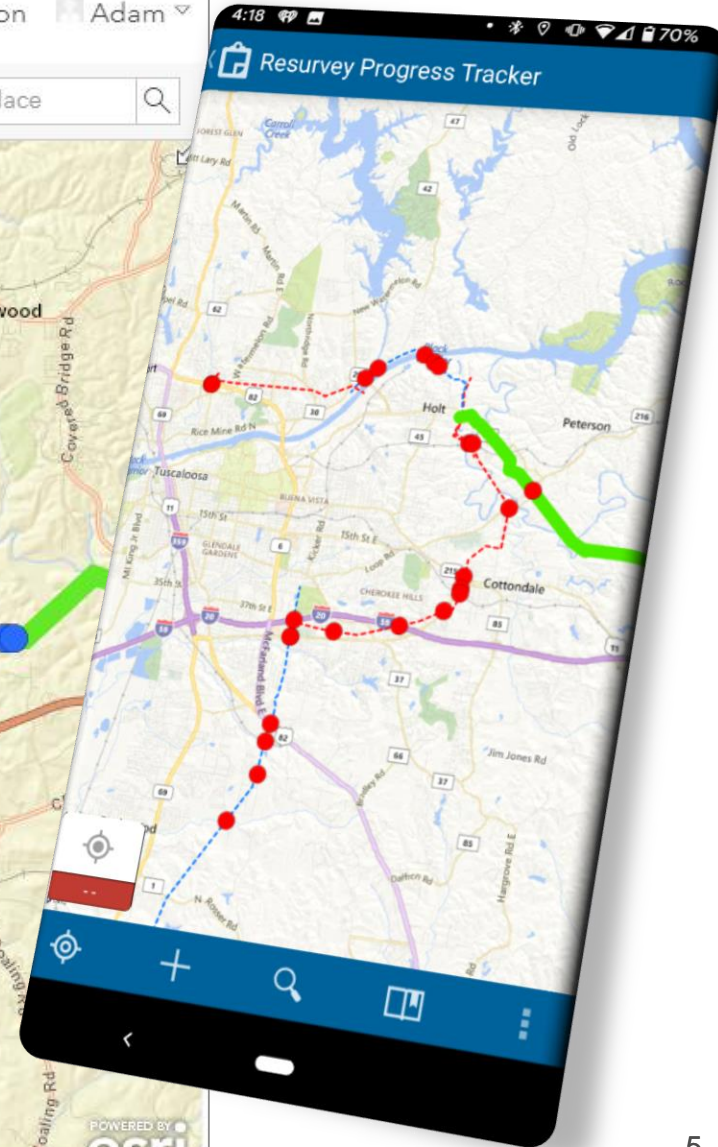
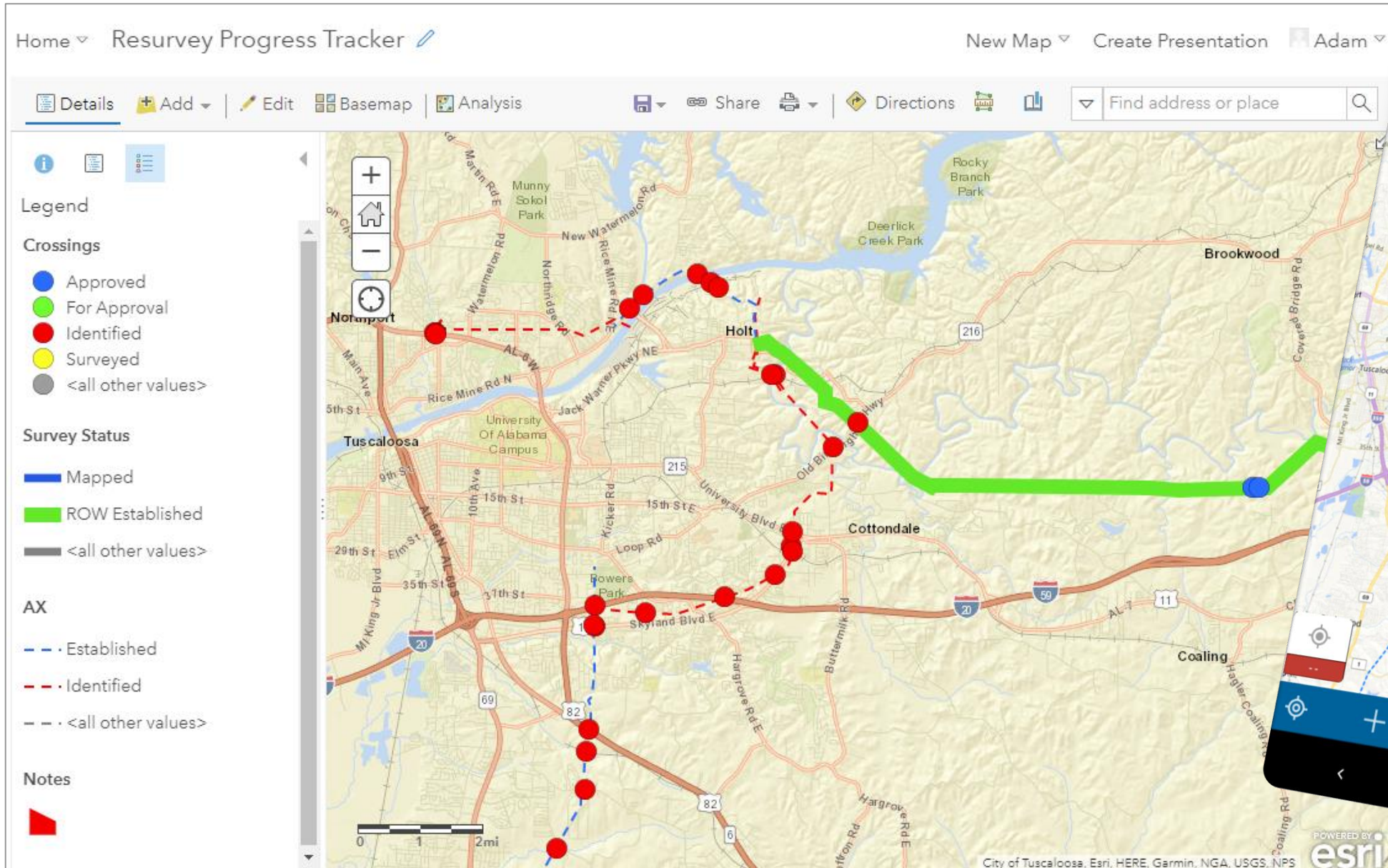
<input checked="" type="checkbox"/> Allow Geometry Updates
<input type="checkbox"/> Allow update of true curves

AX Survey Drawing Circa 1923

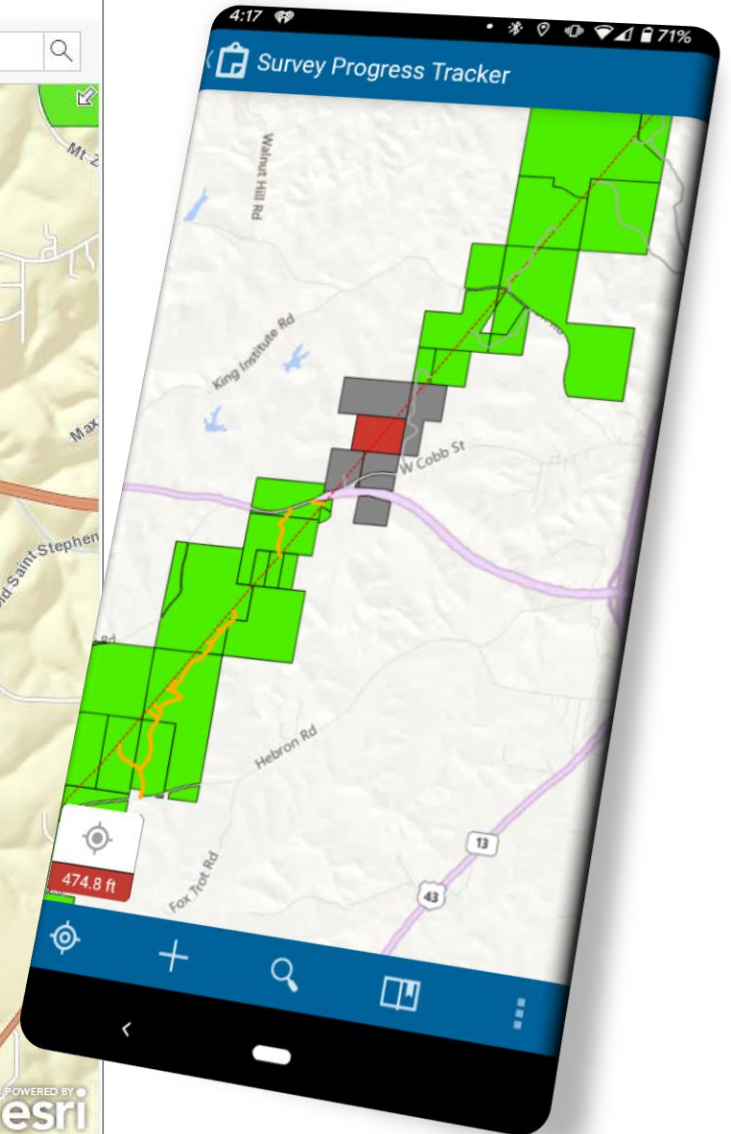
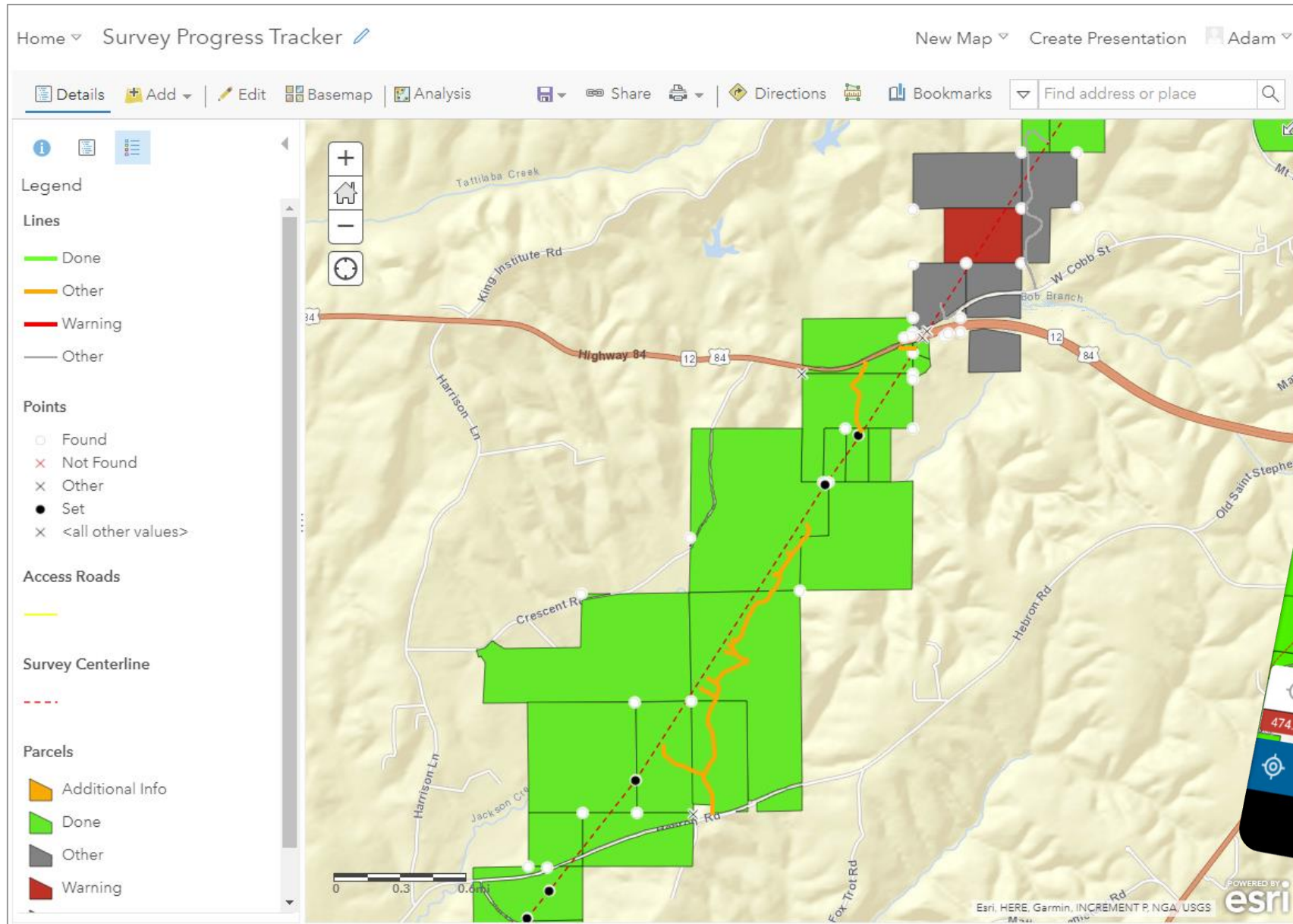


ALABAMA POWER COMPANY	
SUBJECT	<i>FULTON SPRINGS.-GORGAS TR. LINE</i>
DETAIL	<i>PROPERTY SEC.'S: 9.10.16.17. T.16 S. R. 5-W</i>
DRAWN BY	<i>H.E.T. 11.-23.</i> REVISED <i>3-4-25</i>
TRACED BY	<i>H.F.L. 11.20.23.</i> REVISED <i>ADDED 1-5-43 W.S.J.</i>
CHECKED BY	<i>H.F.L. 11.22.23.</i> REVISED _____
CORRECT.	APPROVED. DATE
SCALE	<i>1"=400'</i>
12 SHEETS NO. 8	ENGINEER IN CHARGE AX-12042

Transmission Resurvey Progress Tracker



Transmission Acquisition Survey Progress Tracker





Questions?