

Road Construction Report App Hands-on Exercise

Estimated complete time: 15-20 minutes

Prerequisites - To complete this exercise, you need the following:






1. AppStudio for ArcGIS Desktop 2.0 can be downloaded from

<http://doc.arcgis.com/en/appstudio/download/>

2. AppStudio for ArcGIS Player 2.0 can be downloaded from



<http://doc.arcgis.com/en/appstudio/download/>

Step 1 Create a new app using the Quick Report template

- Download and install AppStudio Desktop 
- Open AppStudio Desktop 
- Sign in with your ArcGIS Org account 
- Click on the **New App** button
- Click on the **Templates** tab 
- Choose the Quick Report template and click on the **Create** button
- Click on the **Edit Title** icon  on the side panel and name your app (e.g. Road Construction Report)

Note : You can also create the same app from the AppStudio website. In this exercise, we will be using AppStudio Desktop, which provides you with much more configuration options.

Step 2 Customize your app

- Select the app you created from step 1, then click on the **Settings** tool  
- On the **Details** tab, choose the thumbnail image (use the image *Thumbnail_Road_Con.png* from the Road Construction Report exercise folder)
- Edit the Title: Road Construction
- Add Summary: See it. Click It. Report It.
- Add Description: With the Road Construction app, you can draw the closed road on the map, take a photo, indicate road project name, date, description, start road, and end road. Most importantly, it works completely offline!

- Go to **QuickReport Properties > Start Screen** tab, configure the following items:
 - Background image (use *background_Road_Con.png*)
 - logo (use *logo_Road_Con.png*)
 - Enter a phone number under **Phone number**
 - Enter an email address under **Email address**
- Go to **QuickReport Properties > Form** tab:
 - Enter Webmap ID: f40129aa855d483382ddbe334a0c50ce
 - Enter Item ID for Mobile map package: a40b517f982d4bb5b2847e87ec5a9c37
 - Enter feature service address:
https://services1.arcgis.com/e7dVfn25KpfE6dDd/arcgis/rest/services/Road_Construction/FeatureServer
 - Enter Layer Id: 0
- Go to **QuickReport Properties > Colors** tab, change the **Button color** to #e07b05
- Go to **Resources** tab, choose an **App Icon** (*icon_Road_Con.png*)
- Click on the **Apply** button
- Double click on your app to run and test it on desktop

Note: If you wish to use your Webmap ID, mmpk, and feature layer, please make sure web map and mmpk are shared to the public and the hosted feature layer is editable.

Your app should look like this:

