



Project Description

Purpose and Need

Proposed Improvements

Schedule

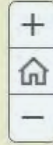
Public Information Meeting

Comments

The South Carolina Department of Transportation (SCDOT) proposes safety and operational improvements to the intersection of Pinewood Road (SC 120) and McCray's Mill Road (S-33). The project is funded from SUATS' guideshare funds.

Study Area

Revamping Public Outreach through Story Maps



- Presentation Topics

Defining the Problem



```
graph TD; A[Defining the Problem] --> B[Creating a New Public Involvement Policy]; B --> C[Finding Feasible Solutions]; C --> D[Public Involvement through Story Maps];
```

Creating a New Public Involvement Policy

Finding Feasible Solutions

Public Involvement through Story Maps

Defining the Problem



- Outdated outreach methods



- Lack of continuity in public outreach



- IT coordination required for posting to the web



- Digital platforms used only in high profile projects



● New Public Involvement (PI) Policy

Improve outreach
for all projects

Coordinate better
with Program
Managers

Develop new
public
engagement
strategies

Create PI
Coordinator
position



Finding the Solutions



ArcGIS Story Maps are cost effective and efficient



Technology readily available through existing software subscription (ArcGIS online credits)



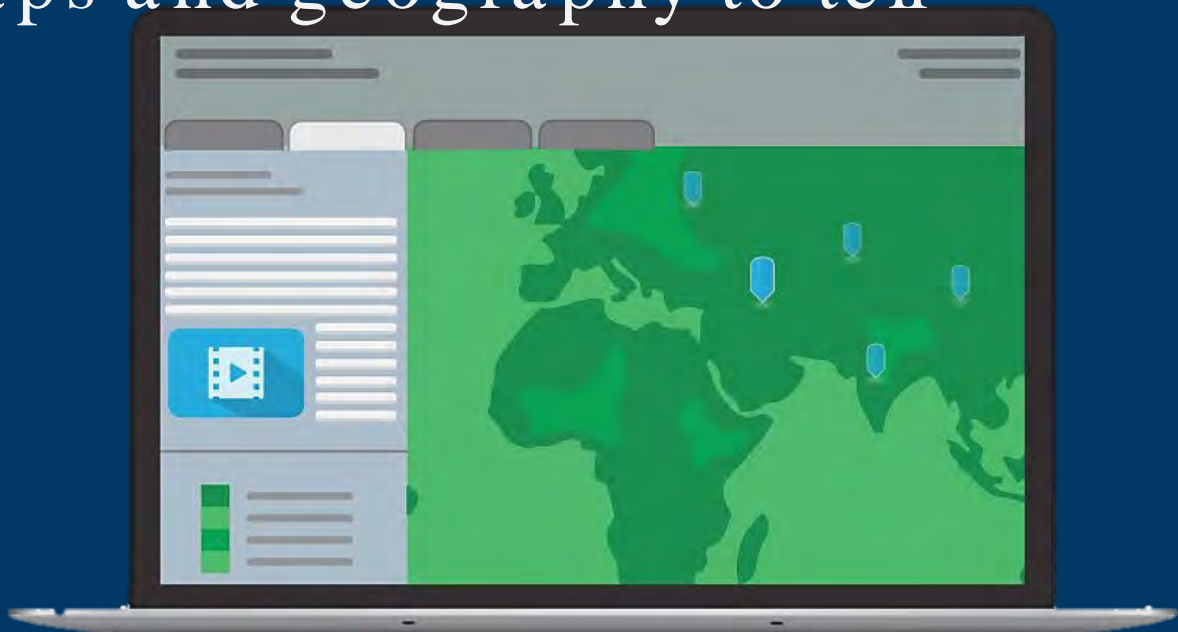
Environmental Staff can create websites without IT assistance or approval



User friendly technology requires only basic GIS understanding

What is a Story Map?

“Esri Story Maps let you combine authoritative maps with narrative text, images, and multimedia content. They make it easy to harness the power of maps and geography to tell your story.”



What a Story Map can Look Like

S-329 (Dr. Humphries Road) over I-20 in Kershaw County

No issues detected

Edit

A story map

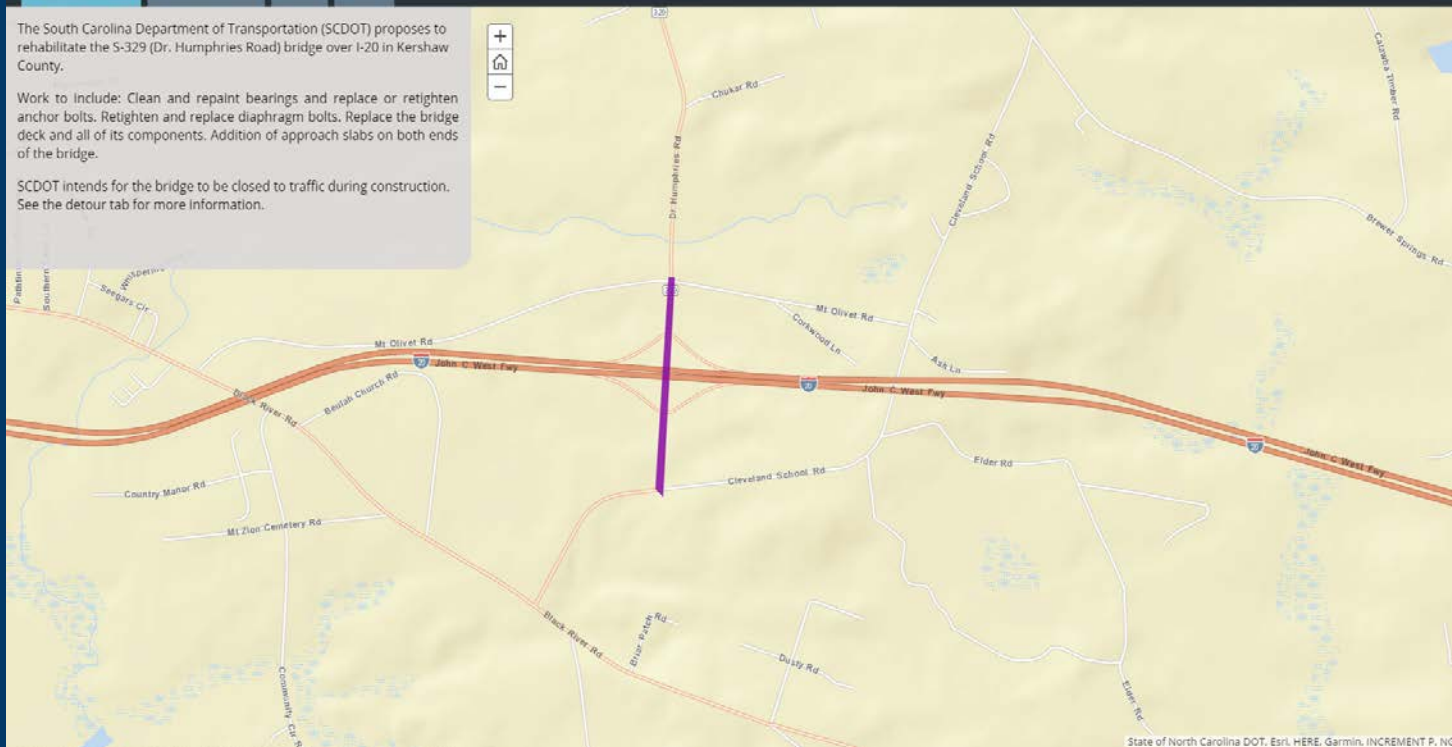


Project Description Purpose and Need Detour Contact

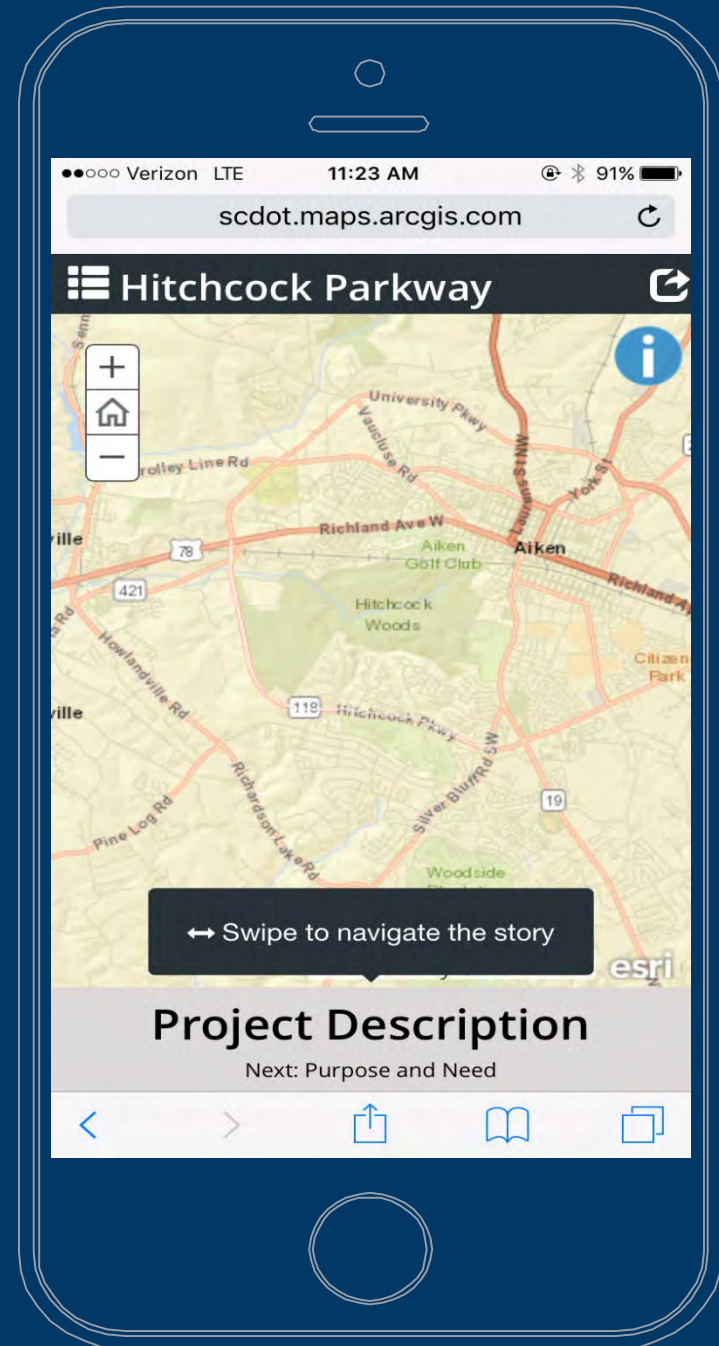
The South Carolina Department of Transportation (SCDOT) proposes to rehabilitate the S-329 (Dr. Humphries Road) bridge over I-20 in Kershaw County.

Work to include: Clean and repaint bearings and replace or retighten anchor bolts. Retighten and replace diaphragm bolts. Replace the bridge deck and all of its components. Addition of approach slabs on both ends of the bridge.

SCDOT intends for the bridge to be closed to traffic during construction. See the detour tab for more information.



Story Maps are Mobile Ready



Story Maps are Efficient

- **< 1 Hour**

To create a Story Map

- **41 Story Maps**

Apps published to our website in 5 months

- **1000s of People Reached**

Track views for each app

Story Maps are Cost Effective



1,210

credits used from February-July 2017

\$0.10/ credit

for credits used beyond subscription

\$20

Average monthly cost

● Putting a Story Map Together

1 Upload shapefiles

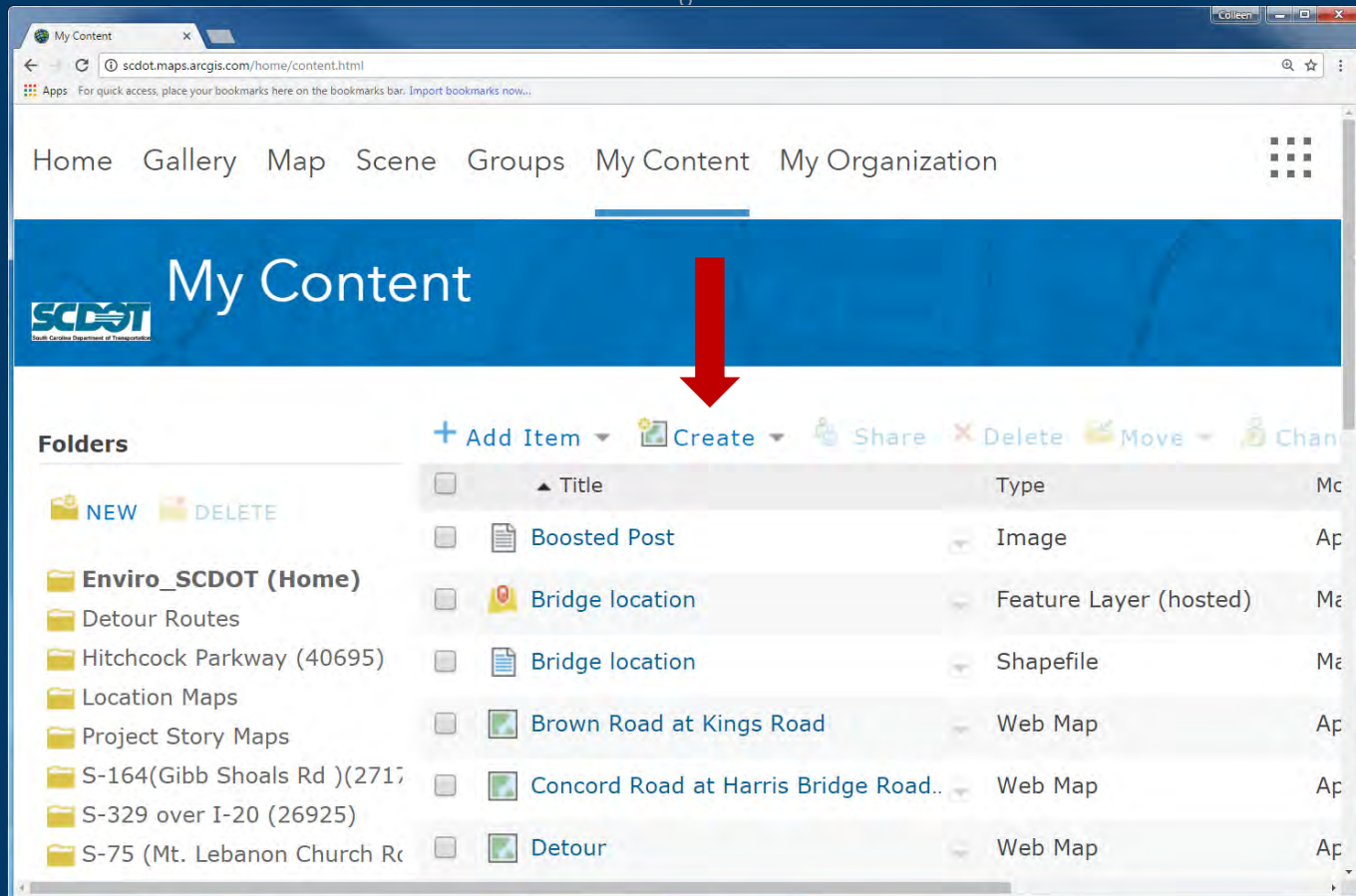
2 Adjust colors/ scale

3 Add tabs

4 Link to video, pics, website, etc.

5 Publish map

Making a Story Map



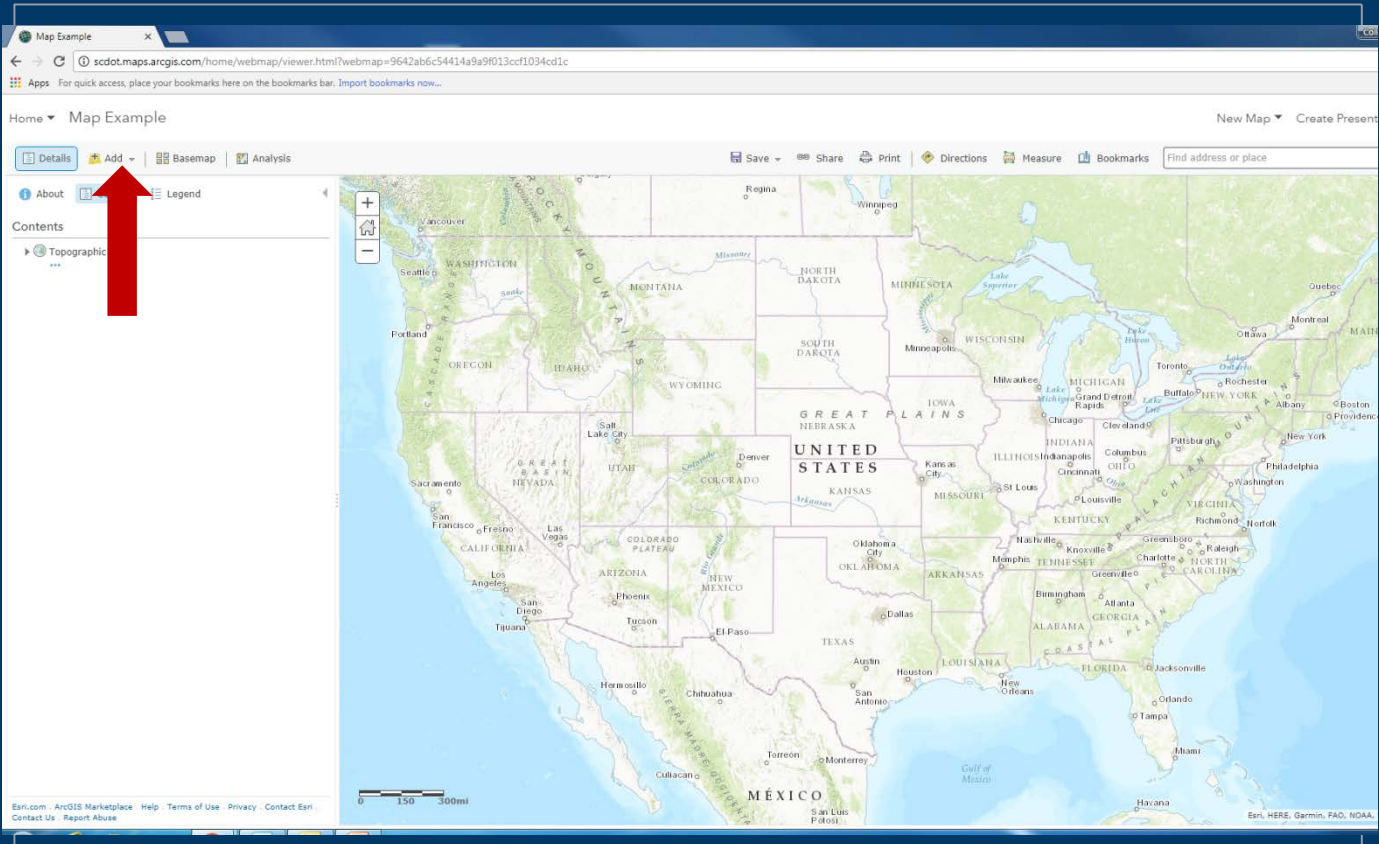
Making a Story Map

The screenshot shows a web browser window with the URL `scdot.maps.arcgis.com/home/content.html`. The page has a navigation bar with links: Home, Gallery, Map, Scene, Groups, My Content, and My Organization. A 'New Map' dialog box is open, prompting the user to 'Specify a title, tags, and summary for the new map.' The dialog contains the following fields:

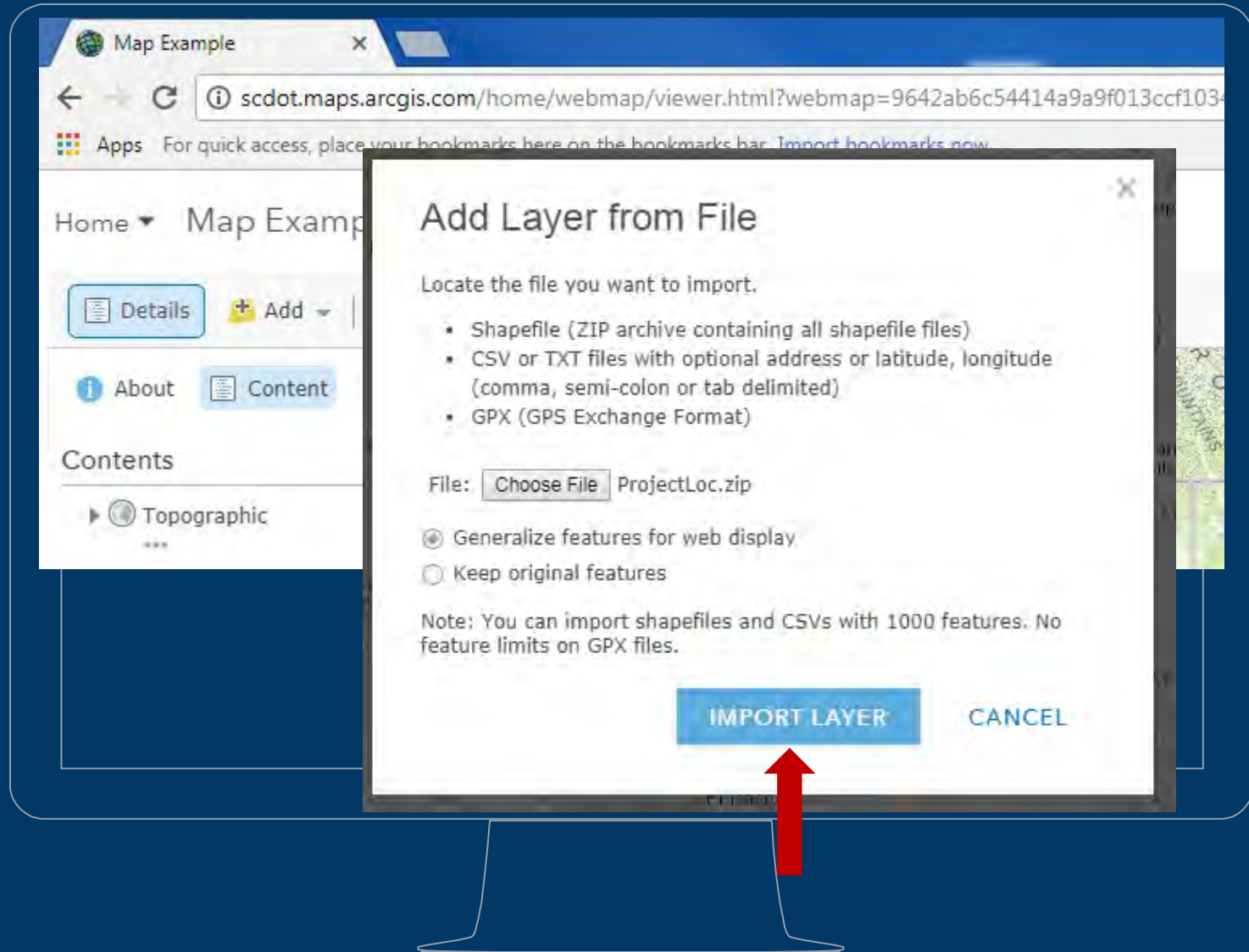
- Title:** A text input field containing 'Map Example'.
- Tags:** A field with two tags, 'SCDOT' and 'County', each with a close button (x). Below the tags is the text 'Add tag(s)'.
- Summary:** A text input field containing the placeholder text 'Enter a summary (Optional)'.
- Save in folder:** A dropdown menu showing 'Enviro_SCDOT'.

At the bottom right of the dialog are two buttons: 'OK' and 'CANCEL'. Red arrows point to the 'Title' field, the 'Tags' field, and the 'OK' button.

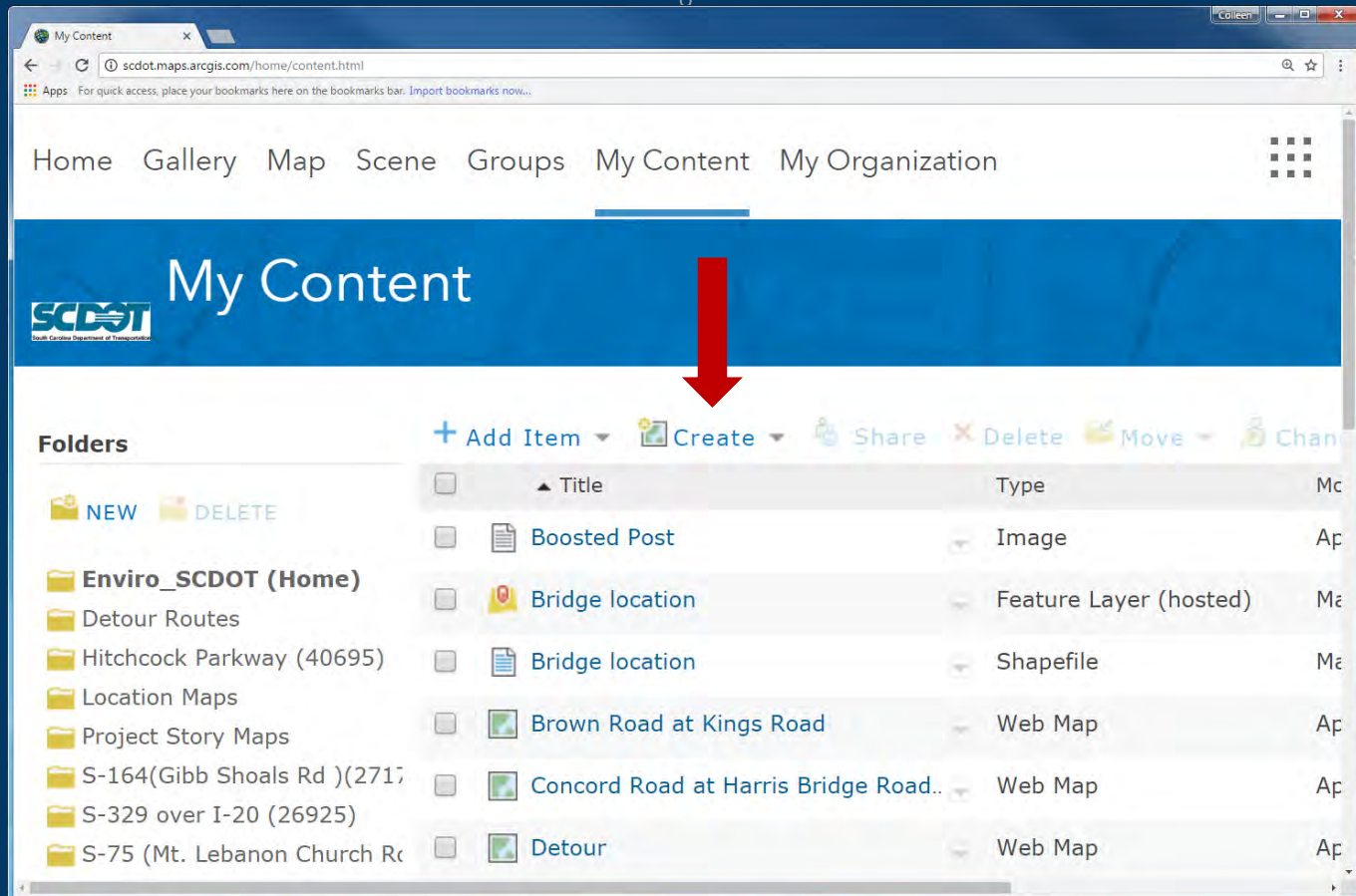
Making a Story Map



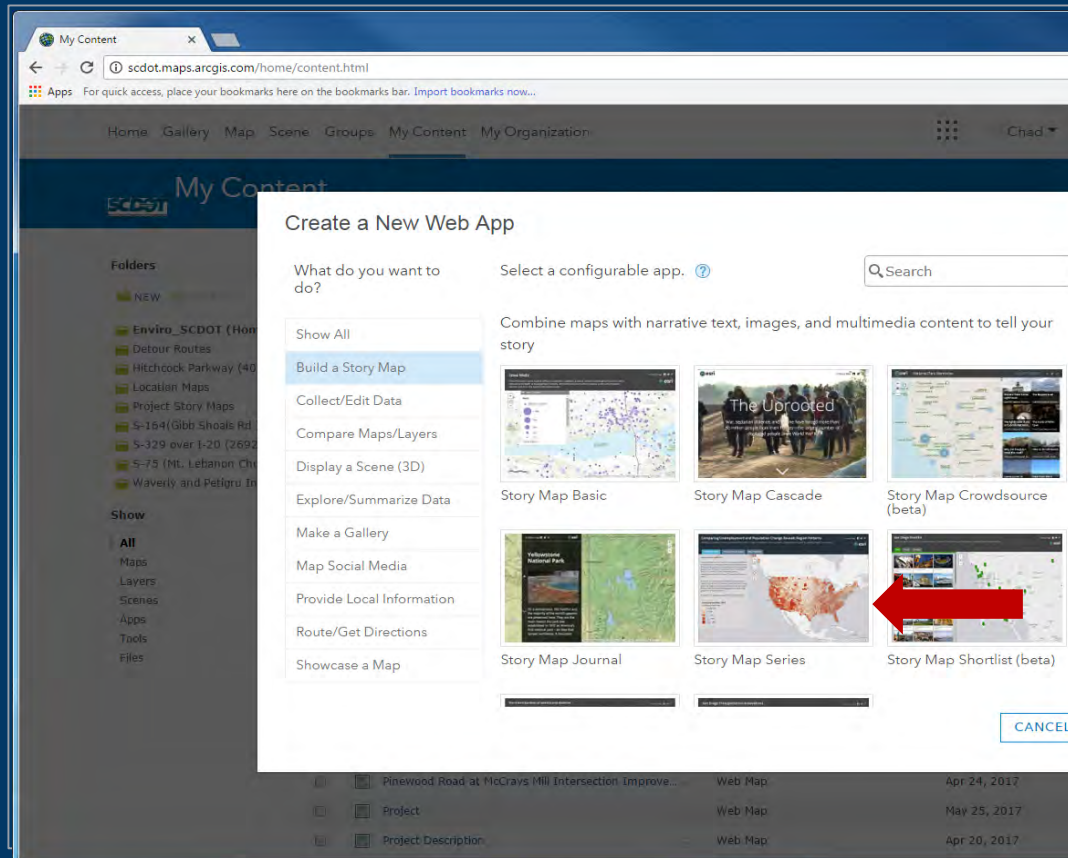
Add a ZIPPED Shapefile



Making a Story Map



Building the Web App



Story Map Series

Presents a series of maps and other content organized using tabs, a side accordion control, or numbered bullets.



CREATE WEB APP

DOWNLOAD

CLOSE

Name and Tag your Web App

My Content

scdot.maps.arcgis.com/home/content.html

Apps For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now...

Home Gallery Map Scene Groups My Content My Organization

Chad

Create a New Web App

Specify a title, tags, and summary for the new web app.

Title: Story Map Example

Tags: SCDOT x County x
Add tag(s)

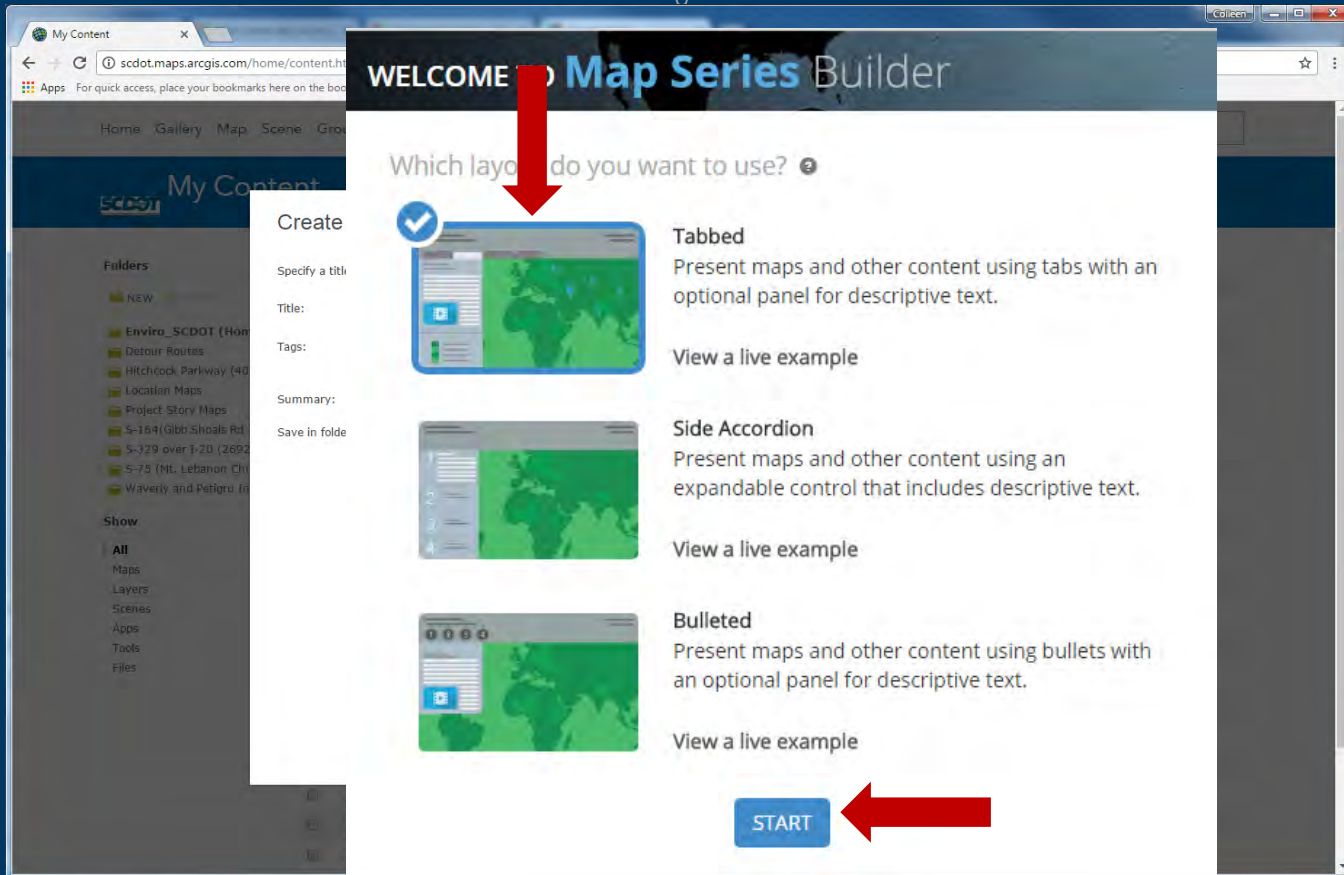
Summary: Enter a summary (Optional)

Save in folder: Enviro_SCDOT

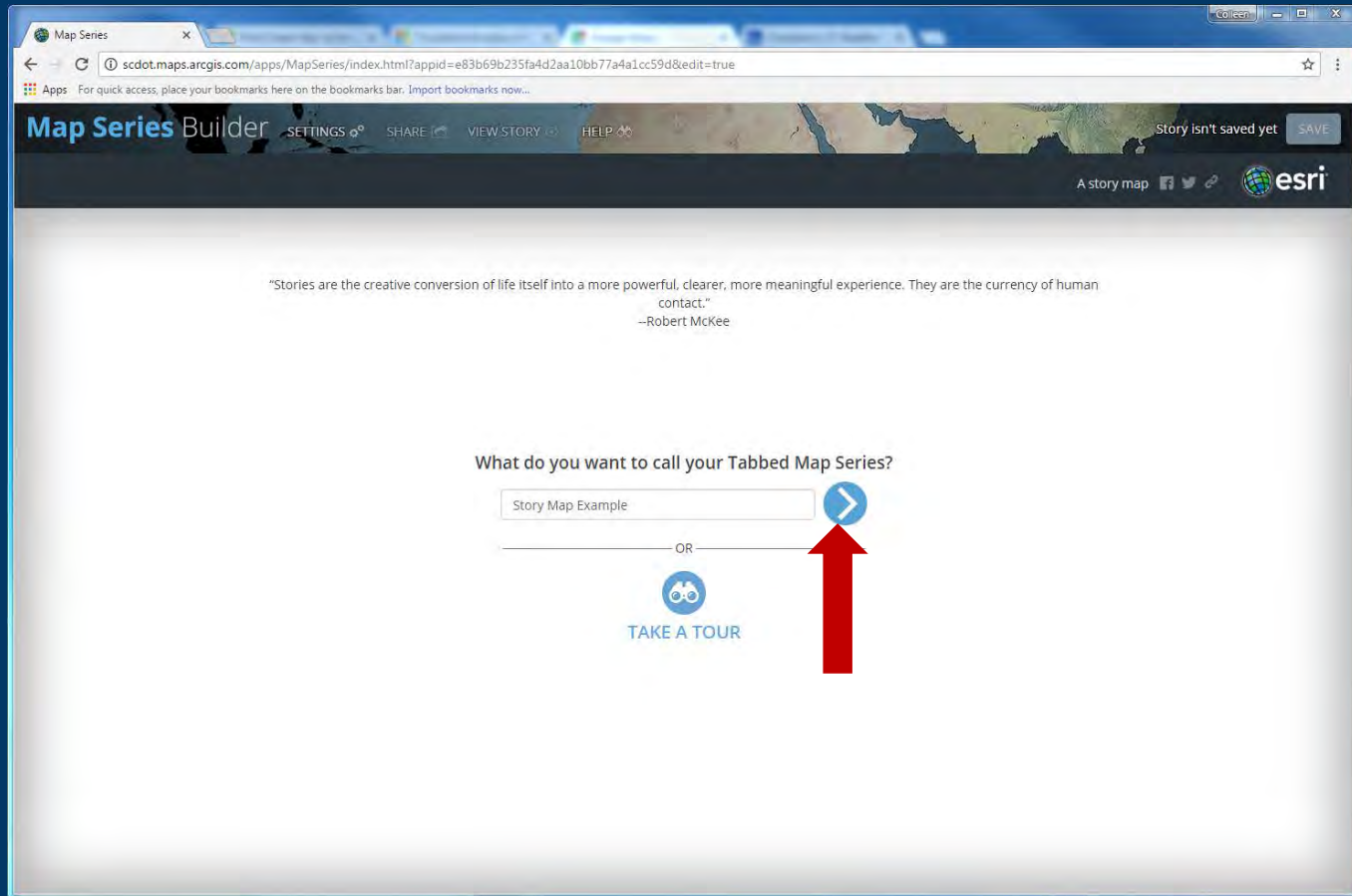
BACK DONE CANCEL

| Item Name | Type | Created | Shared With |
|---|---------|--------------|-------------|
| Pinewood Road at McCrays Mill Intersection Improve... | Web Map | Apr 24, 2017 | Everyone |
| Project | Web Map | May 25, 2017 | Everyone |
| Project Description | Web Map | Apr 20, 2017 | Everyone |

Choose Layout



Name the Map Series



The screenshot shows the 'Map Series Builder' interface in a web browser. The browser's address bar displays the URL: `scdot.maps.arcgis.com/apps/MapSeries/index.html?appid=e83b69b235fa4d2aa10bb77a4a1cc59d&edit=true`. The page header includes the 'Map Series Builder' title, navigation links for 'SETTINGS', 'SHARE', 'VIEW STORY', and 'HELP', and a 'SAVE' button with the text 'Story isn't saved yet'. Below the header, a quote by Robert McKee is displayed. The main content area asks, 'What do you want to call your Tabbed Map Series?'. There is a text input field containing 'Story Map Example' and a blue arrow button to its right. Below this, the word 'OR' is centered. Underneath 'OR' is a 'TAKE A TOUR' link with a magnifying glass icon. A large red arrow points from the bottom towards the blue arrow button.

Map Series

scdot.maps.arcgis.com/apps/MapSeries/index.html?appid=e83b69b235fa4d2aa10bb77a4a1cc59d&edit=true

Map Series Builder SETTINGS SHARE VIEW STORY HELP

Story isn't saved yet SAVE

A story map

"Stories are the creative conversion of life itself into a more powerful, clearer, more meaningful experience. They are the currency of human contact."
--Robert McKee

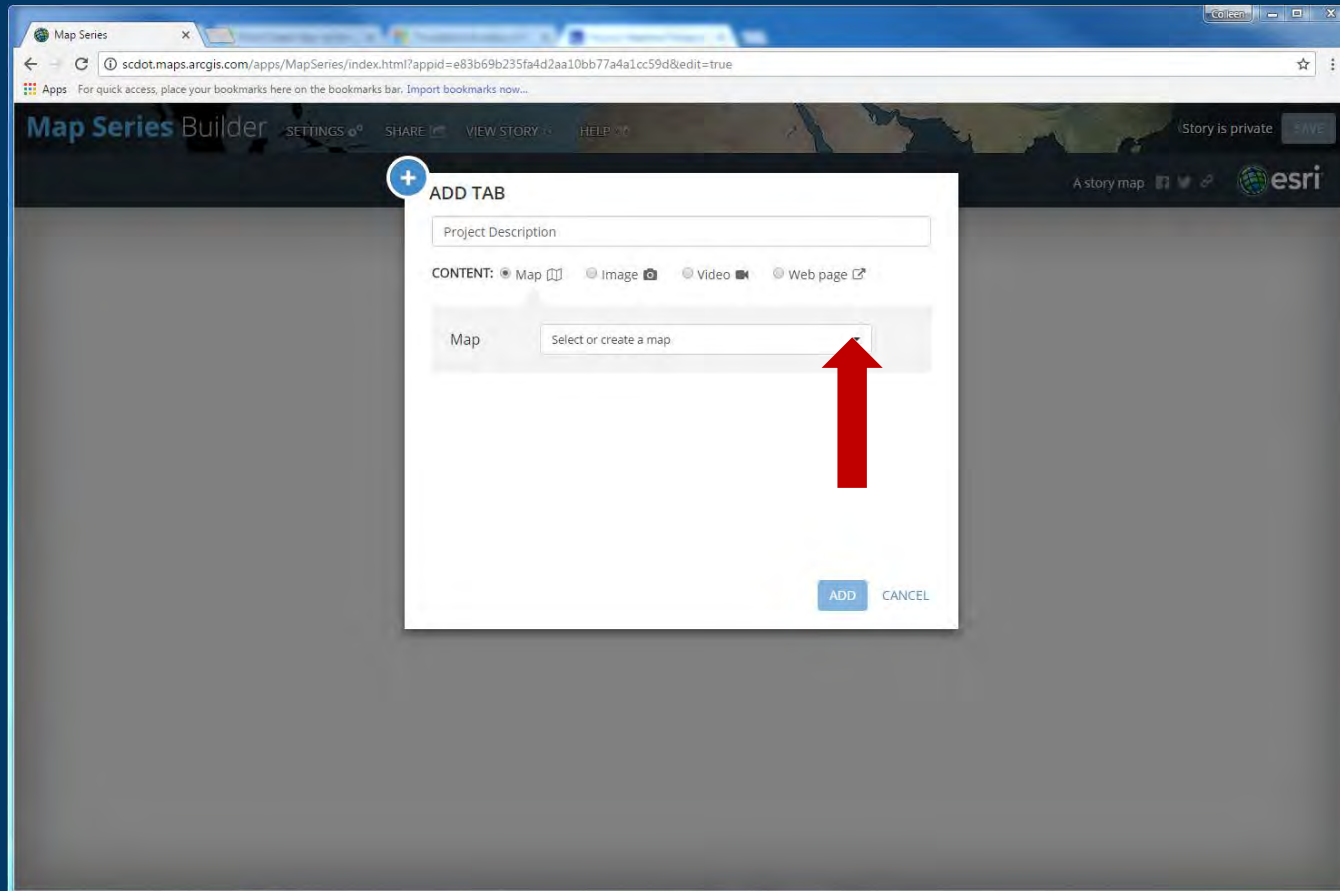
What do you want to call your Tabbed Map Series?

Story Map Example

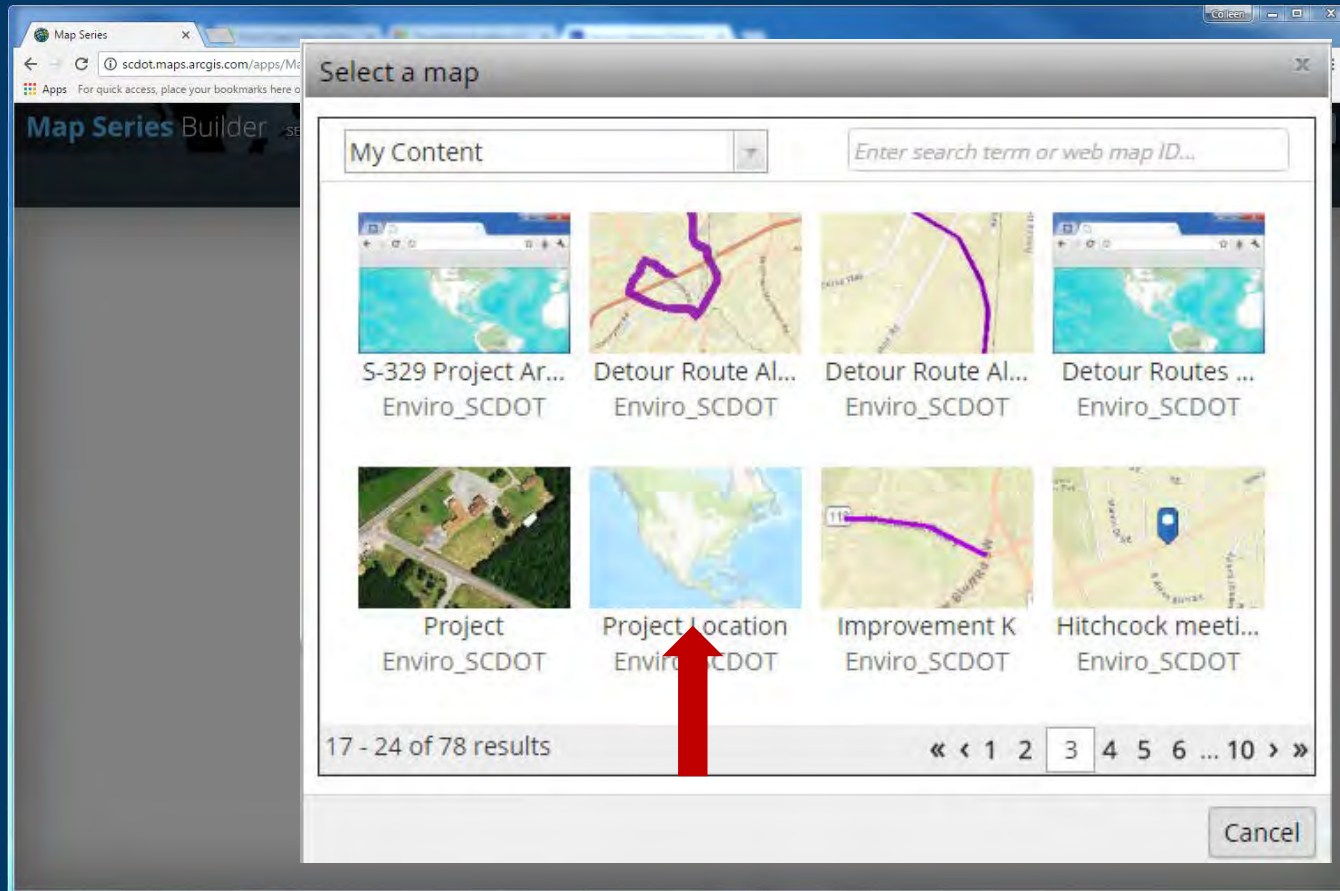
OR

TAKE A TOUR

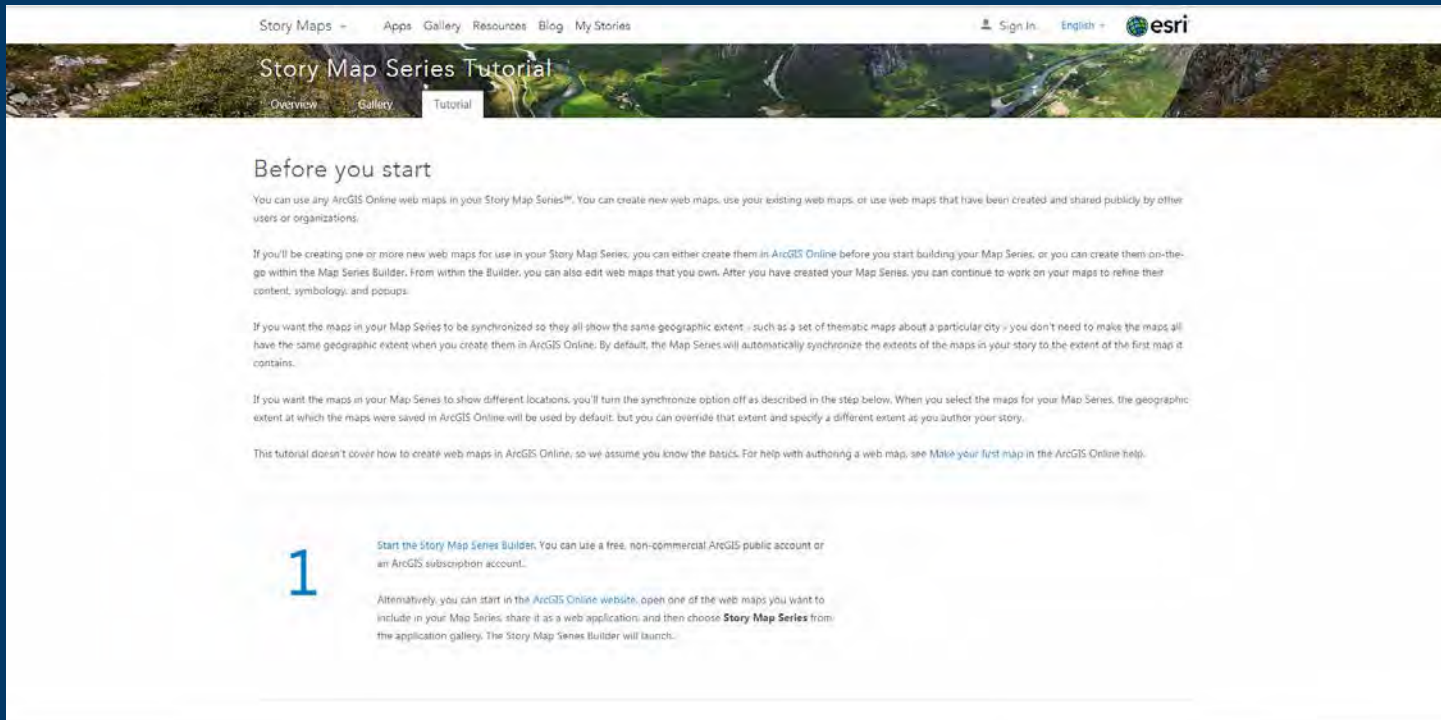
Adding the Map



Choose Previously Uploaded Map



For more detailed instructions for building a story map, click below:



The screenshot shows the 'Story Map Series Tutorial' page on the Esri website. The header includes navigation links for Story Maps, Apps, Gallery, Resources, Blog, and My Stories, along with a Sign In button and the Esri logo. The main heading is 'Story Map Series Tutorial', with sub-links for Overview, Gallery, and Tutorial. The content is titled 'Before you start' and provides instructions on how to use ArcGIS Online web maps in a Story Map Series. It explains that users can create new web maps, use existing ones, or use publicly shared maps. It also mentions that users can create maps on-the-go within the Map Series Builder or edit existing maps. The text further states that if users want their maps to be synchronized, they should create them in ArcGIS Online with the same geographic extent. If they want to show different locations, they should turn off the synchronize option. A note at the bottom indicates that the tutorial doesn't cover how to create web maps in ArcGIS Online, so users should refer to the 'Make your first map' help page. A large blue number '1' is displayed next to the first step: 'Start the Story Map Series Builder. You can use a free, non-commercial ArcGIS public account or an ArcGIS subscription account.' The alternative step is: 'Alternatively, you can start in the ArcGIS Online website, open one of the web maps you want to include in your Map Series, share it as a web application, and then choose Story Map Series from the application gallery. The Story Map Series Builder will launch.'

Story Maps + Apps Gallery Resources Blog My Stories Sign In English esri

Story Map Series Tutorial

Overview Gallery Tutorial

Before you start

You can use any ArcGIS Online web maps in your Story Map Series™. You can create new web maps, use your existing web maps, or use web maps that have been created and shared publicly by other users or organizations.

If you'll be creating one or more new web maps for use in your Story Map Series, you can either create them in ArcGIS Online before you start building your Map Series, or you can create them on-the-go within the Map Series Builder. From within the Builder, you can also edit web maps that you own. After you have created your Map Series, you can continue to work on your maps to refine their content, symbology, and popups.

If you want the maps in your Map Series to be synchronized so they all show the same geographic extent—such as a set of thematic maps about a particular city—you don't need to make the maps all have the same geographic extent when you create them in ArcGIS Online. By default, the Map Series will automatically synchronize the extents of the maps in your story to the extent of the first map it contains.

If you want the maps in your Map Series to show different locations, you'll turn the synchronize option off as described in the step below. When you select the maps for your Map Series, the geographic extent at which the maps were saved in ArcGIS Online will be used by default, but you can override that extent and specify a different extent as you author your story.

This tutorial doesn't cover how to create web maps in ArcGIS Online, so we assume you know the basics. For help with authoring a web map, see [Make your first map](#) in the ArcGIS Online help.

1

Start the Story Map Series Builder. You can use a free, non-commercial ArcGIS public account or an ArcGIS subscription account.

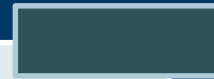
Alternatively, you can start in the [ArcGIS Online website](#), open one of the web maps you want to include in your Map Series, share it as a web application, and then choose **Story Map Series** from the application gallery. The Story Map Series Builder will launch.

<https://storymaps.arcgis.com/en/app-list/map-series/tutorial/>

Advantages and Disadvantages



Quick updates
Public can obtain
accurate information
Streamlined process
Easily shared
Track usage



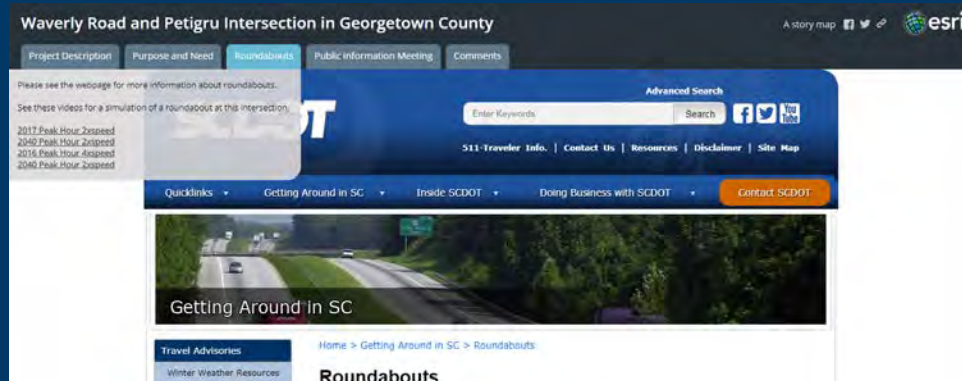
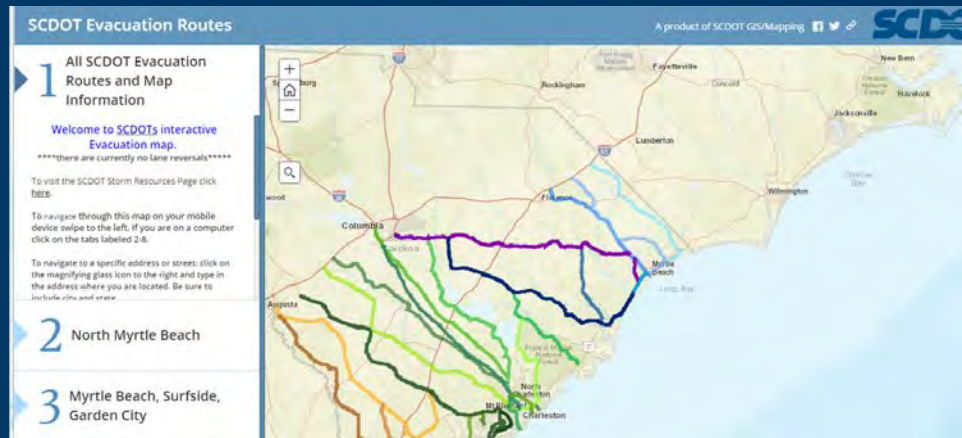
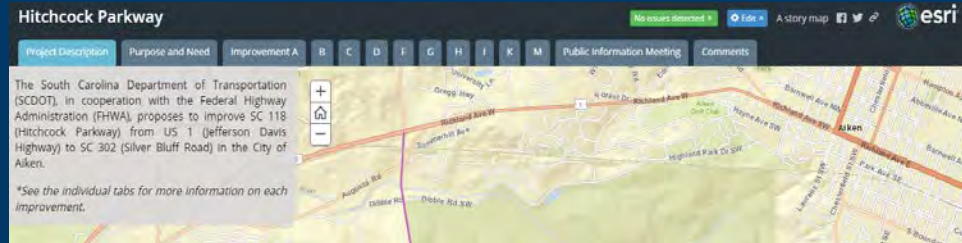
URL presentation
May not reach all
communities(elderly,
low income)
Can't upload
documents

Endless Possibilities

- Large corridor; multi-improvement project

- SCDOT Evacuation Routes

- Link to videos and webpages for quick information access





Questions

For more information, please contact:

Presenter: Siobhan Gordon

O: 803-737-1337

GordonSO@scdot.org

Public Involvement Coordinator: Nicole Riddle

O: 803-737-0841

RiddleNL@scdot.org