ADA Sidewalk Crossing Assessment and Editing Using ArcGIS Online

Settlement Agreement Between the United States of America and the City of Fort Myers, Florida under the Americans with Disabilities Act

DJ: 204-17M-413
Shellie Watts, City of Fort Myers
Richard Calkins, GISP City of Fort Myers

U.S. Department of Justice
Americans with Disabilities Act
According to the agreement:

- Identify streets, roads, and highways that have been constructed or altered since January 26, 1992. -9 months
- Bring all curb ramps identified above into compliance. -3 Years
Pictometry ArcMap Plugin used to assist field work
1,216 Ramps 415 Intersections
- Create a Grid to use with DS Mapbook
- Prior to ArcMap 10 and Data Driven Pages
- Made mapbooks for each team to use for field inspections
Collecting the data
Inputting the data
Processing the final analysis of data
Creating Phase Areas based on Quantity
Creating Bid-Documents
The Results
Total Ramps Inspected by Engineering Staff = 1216
Bid Documents Using Data Driven Pages
Phase 1 Completion
As-Builts Dilemma

- Keep all the data in one place, in a feature class. Need to track what was done at each ramp, before and after photos, and .pdf of CAD drawing for each ramp.

- How to get data back into SDE???

- Options
  - Send consultant a .GDB then append data to SDE
  - Send a “check out” and replicate data back to SDE
  - Create an editable feature class on an ArcGIS online map with attachments
Preparing Feature Classes to Add to Web Map

1. Create mxd
2. Add feature class
3. Zoom to extents
4. Label and Symbolize
Publish .mxd to ArcGIS Server
Creating Ramp MXD
Adding Ramps to the Map
Fields/Alias/Read-Only
Publish .mxd to ArcGIS Server as a Feature Access
Attachments

Inspection Date: 8/25/2012

Additional Notes:

Attachments:
- 12a_sheet_9.jpg
- 12a.jpg
- #12a_sheet_6.jpg

Add: Choose File - No file chosen

Attachments:
- ATTACHMENTID
- REL_OBJECTID
- CONTENT_TYPE
- ATT_NAME
- DATA_SIZE
- DATA

<table>
<thead>
<tr>
<th>ATTACHMENTID</th>
<th>REL_OBJECTID</th>
<th>CONTENT_TYPE</th>
<th>ATT_NAME</th>
<th>DATA_SIZE</th>
<th>DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>401</td>
<td></td>
<td>application/pdf</td>
<td>32_2044 NIC.pdf</td>
<td>0B5051</td>
<td>Blob</td>
</tr>
<tr>
<td>402</td>
<td></td>
<td>application/pdf</td>
<td>FD 110_115 41-40 224a_b.pdf</td>
<td>0D8629</td>
<td>Blob</td>
</tr>
<tr>
<td>403</td>
<td></td>
<td>application/pdf</td>
<td>32_204D.pdf</td>
<td>117447</td>
<td>Blob</td>
</tr>
</tbody>
</table>
Adding Data / Share the Map

Search for layers to add

Find: (e.g., parcels, fire...) Go
In: A GIS server
URL: cers.com/cfggis/rest/services

What kind of layers can I add?

56 results found

- cfmbounds
- Aerials2011 Folder: Aerials
- Aerials2012ECW Folder: Aerials
- ECW2012 Folder: Aerials
- MrSID2011 Folder: Aerials
- NonAerial Folder: Aerials
- OverlayImage Folder: Aerials
- TIFF2011 Folder: Aerials
- BaseIdentify Folder: BaseCache
- BaseImage Folder: BaseCache
- BaseMap Folder: BaseCache
- Streets Folder: BaseCache
- ADA_Sidewalks Folder: WebMaps
- ADA_Phase1Boundary Folder: WebMaps
- ADA_Phase1Ramps Folder: WebMaps

Click Go to start a search.
Basic Workflow
GIS Management Benefits

- Multiple editors
- Edits go direct to server
- No Check-in/Check-out
- At the time...Consultant did not need ESRI Software – Now Subscription based
- Very easy to use
- Interchangeable staff
ADA Ramps

Description

Access and Use Constraints:

Map Contents

ADA Ramps - ADA Ramps:
http://gis2.cityofmiami.com/arcgis/rest/services/WebMaps/ADARamps/FeaturesServer/0

ADA Ramps:
http://gis2.cityofmiami.com/arcgis/rest/services/WebMaps/ADARamps/MapServer

ADA Phase Boundaries:
http://gis2.cityofmiami.com/arcgis/rest/services/WebMaps/ADARamps/MapServer

Aerates2013:
http://tools.lee.gov/arcgis/rest/services/Aerales2013/imageServer

Streets:
http://services.arcgisonline.com/ArcGIS/rest/services/World_Street_Maps/MapServer
Questions

swatts@cityftmyers.com
rcalkins@cityftmyers.com