GEOPI

QUICK REFERENCE DOCUMENT - EXTERNAL
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GeoPI search is designed to help you locate any GDOT related data or documentation.

(I) User can do a GeoPI search via the DOT page. **Navigation:** Drive Smart > Maps > GeoPI

Click the dropdown menu to select a category or select the default value ‘ALL’
Enter a keyword, such as Project ID, Bridge ID, or County Name
Click the ‘GO’ button.

(II) This will display the search results on the GeoPI application page. Search results defaults to **ALL** if the user does not select a specific category.
**SEARCH via DOT Home Page – Build Smart**

**GeoPI** search is designed to help you locate any GDOT related data or documentation.

1. **User can do a GeoPI search via the DOT page.**
   
   **Navigation:** Build Smart > Projects > Project Search (GeoPI)
   
   ![DOT Home Page](image1.png)
   
   Click the dropdown menu to select a category or select the default value ‘ALL’
   
   Enter a keyword, such as Project ID, Bridge ID, or County Name
   
   Click the ‘GO’ button.
   
2. **This will display the search results on the GeoPI application page. Search results defaults to ALL if the user does not select a specific category.**
   
   ![GeoPI Application Page](image2.png)
3. **GeoPI** application will open. The map will display all the category results.

**Note:** Make sure that pop-up blockers are set to off on your browser.

The list of Categories is as follows:
- a. Projects
- b. Bridges
- c. Permits
- d. Safety
- e. Traffic
- f. Signals
Click the dropdown menu to select a category or select the default value ‘ALL’. Enter the keyword, such as Project ID or County Name. Click the ‘GO’ button. **Note:** When user searches using the ‘ALL’ (default category) option, the application will perform a search across all the above mentioned categories and SharePoint external sites for the keyword/tag entered. This will display results found in the first available category where the keyword/tag has been found. As previously indicated, it will also search throughout GDOT’s SharePoint external environment to find any related documents associated with the keyword/tag entered. To access these documents, click on the “Related Documents” button.

This will display the search results on the GeoPI application page. Search results defaults to ALL if the user does not select a specific category.

1. Alternatively, enter a keyword
2. Click on the Category tab below
3. Click the GO button.
This will display the search results on the GeoPI application page. Search results will display all the PROJECTS associated with Fulton county.

Note: User can tab through the various categories. All categories will be based off of the data entered in the Search box.
1. Click on the icon to access the Advanced Search page

2. The “Advanced Search” pop-up window is displayed with the search parameters. (A) **Tabular Search** will be displayed on the ‘Advanced Search’ pop-up window as the default search criteria.
   Since the search category is selected as ‘ALL’ the following search parameters will be shown: County, Congressional Districts and, GDOT Districts.

**NOTE:** Depending on the search category, the search parameters will vary.

The following are the advanced search parameters for each of the Categories
<table>
<thead>
<tr>
<th>PROJECTS</th>
<th>BRIDGES</th>
<th>PERMITS</th>
<th>SAFETY</th>
<th>TRAFFIC</th>
<th>SIGNALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>County</td>
<td>County</td>
<td>County</td>
<td>County</td>
<td>County</td>
</tr>
<tr>
<td>Congressional Districts</td>
<td>Congressional Districts</td>
<td>Document Category</td>
<td>Congressional Districts</td>
<td>Traffic Counter Number</td>
<td>GDOT Districts</td>
</tr>
<tr>
<td>GDOT Districts</td>
<td>GDOT Districts</td>
<td>Document Type</td>
<td>GDOT Districts</td>
<td>Route Number</td>
<td>Signal Number</td>
</tr>
<tr>
<td>Project ID</td>
<td>Bridge ID</td>
<td>Permit Number</td>
<td>Accident Number</td>
<td>Mile Point From</td>
<td>Permit Number</td>
</tr>
<tr>
<td>Description</td>
<td>Description</td>
<td>Company Name</td>
<td>Accident Date</td>
<td>Mile Point To</td>
<td>Route Number</td>
</tr>
<tr>
<td>City</td>
<td>Mile Point From</td>
<td>Road Name</td>
<td>Mile Point From</td>
<td>Latitude</td>
<td>Mile Point From</td>
</tr>
<tr>
<td>Project Type</td>
<td>Mile Point To</td>
<td>Intersecting Road</td>
<td>Mile Point To</td>
<td>Longitude</td>
<td>Mile Point To</td>
</tr>
<tr>
<td>Work Type</td>
<td>State Route</td>
<td>Facility Type</td>
<td>State Route</td>
<td>Established Date</td>
<td>Intersection ID</td>
</tr>
<tr>
<td>State Route</td>
<td></td>
<td>Signal Type</td>
<td></td>
<td></td>
<td>Primary Intersecting Road</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Second Intersecting Road</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Route Number</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Road Name</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Mile Point From</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mile Point To</td>
</tr>
</tbody>
</table>
The 'Advanced Search' pop-up window also allows the user to conduct a **Geographical Search**. Geographical Search can be done using one of the 3 location type options – Route, Address and, Latitude/Longitude.

(i) Searching with Location Type = ‘Route’.
(ii) Searching with Location Type = ‘Address’.

(iii) Searching with Location Type = ‘Latitude/Longitude’
Note: Please assign a negative value for the Longitude field parameter.

3. Enter at least one of the search parameters. Click on the Submit button.

Note: You can choose multiple entries for County field.
4. The search results are displayed to the right of the map in a tabular grid. The system will default to **Map** view.

Select the **List** view on the top right corner to toggle between **Map** & **List** views.

Filter search results under the **List view** via the available icon as shown below.

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**GEOPI QUICK REFERENCE DOCUMENT**
Select the **Export to Excel** function to export search results to Excel. This option is available in the List View only.

5. Select the **Show/Hide Data Layers** function to view additional data layers on the map by selecting the applicable data layer check box.
6. Use the icon to zoom in / zoom out of the map display. You can also use the mouse to zoom in / zoom out.

7. Select the icon to initiate the "Drawing by Rectangle" icon. Press down on Mouse to start, and depress mouse button to complete the rectangle on the desired location on the map.
To understand what the different line colors indicate, click on the icon to open the **Legend**. The layers in the **Legend** will be displayed based on the map layers selected by the user.
8. Click on the icon to reset to the default map extent.
1. To view any documentation pertaining to the search in the previous section, click on the 'Related Documents' button at the top of the page.

2. This will open a new tab where all associated documents will be listed. (Example shown below.)
3. If you hover the mouse over a document, additional information related to the documentation is displayed.

4. Select the checkbox(es) next to the document that you want to download and click on the 'Download Items on this Page' button. User can also click on the document hyperlink to open the document.

5. This will display message to the user to either save or open the desired files.

Do you want to open or save 3008201614102013.zip (22 bytes) from mygdot.dot.ga.gov?
6. If the number of files to be downloaded exceeds 10 files, then system will prompt the user for the email address where the documents are to be sent.

   **Email Address**

   Please enter your email address:

   

   [Submit] [Cancel]

7. Check your email for the system generated email

   Dear User,

   Your files have been downloaded to the location listed below. Please click below link to download your files.


   The link will expire after 24 hrs.

   Thanks
   GDOT
8. To view any available documentation pertaining to a particular project ID, click on the icon next to right of the Project ID.

9. This will show a pop-up display with the documents associated with that particular Project ID listed in a tabular grid.
Note: If you wish to filter down the entire search results, click on the More hyperlink and enter the required values on the desired column filter.
10. If the number of files to be downloaded exceeds 10 files, then system will prompt the user for the email address where the documents are to be sent.

   Email Address

   Please enter your email address:

   [Input field]

   Submit  Cancel

11. This will display message to the user to either save or open the desired files.

12. Similarly, if the user had conducted a search with a different category, for example Bridges, then the user would click on the icon next to the Bridge ID to view or save documentation pertaining to that Bridge ID.
13. If the number of files to be downloaded **exceeds 10 files**, then system will prompt the user for the email address where the documents are to be sent.

   **Email Address**

   Please enter your email address:

   [Input Field]

   [Submit]  [Cancel]

14. Check your email for the system generated email

   Dear User,

   Your files have been downloaded to the location listed below. Please click below link to download your files.

   [Link]

   The link will expire after 24 hrs.

   Thanks
   GDOT
(I) To view more details regarding the search conducted in the previous section, click on the icon to the right of the **Project ID**.

(II) This opens up the **Project Dashboard**. The **Project Dashboard** has all the relevant information regarding the **Project ID** along with related reports specific for the selected **Project ID**.
(III) Similarly, if the user had conducted a search with a different category, for example **Bridges**, then the user would click on the icon next to the **Bridge ID**.

(IV) This opens up the **Bridges Dashboard**. The **Bridges Dashboard** has relevant information regarding the **Bridge** along with related **Bridge photos**.

This Training Aid is only intended to assist with the GeoPi system navigation.
Help is available for GeoPi in the following ways:

1. Users can contact the Solutions Center Monday – Friday 8am – 5pm at (404) 631-1220 or by email to solutionsCenter@dot.ga.gov for support.

2. Users can access and view a training video by clicking the following link:

   [Training Video](#)