GIS in Transportation Safety

What is GIS?
GIS & Transportation Safety

Crash Data

<table>
<thead>
<tr>
<th>Accident Location</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1010 Atlanta Hwy</td>
<td>10/1/2020</td>
</tr>
<tr>
<td>2001 Atlanta Hwy</td>
<td>7/3/2020</td>
</tr>
<tr>
<td>580 Wares Ferry Rd</td>
<td>4/10/2020</td>
</tr>
</tbody>
</table>
TSI

• Inventory
• Analysis
Inventory

- Time
- Effort

Inventory is essential for analysis

- Locate all intersections that have a traffic signal with a MUTCD (x).
- What intersections have an approach with a speed limit greater than (x)?
- Which intersections have an approach that contains a railroad crossing?
for news/updates pertaining to GIS at ALDOT, as well as links to various GIS web apps, applications, services, and partner...
Powerful
ArcGis Online
Communication

- Standardized
- Cooperation
- Avoid duplication of work

Review

- What is GIS
- Available GIS Applications
- Ease of use for Quick Capture
- Benefits of GIS
- Communication
Where do we go from here?

Questions?

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