Charlotte County, Florida

Risk MAP - Use the Data You Already Have for a Better Result!
About Charlotte County

- Southwest coast of Florida
- 650 Square Miles
- 165,000 population
Water, water everywhere!

[Maps and images of coastal areas and waterways]
### Key facts and Figures

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>830</td>
<td>Miles of coastline</td>
</tr>
<tr>
<td>44%</td>
<td>Percentage of County in SFHA</td>
</tr>
<tr>
<td>60%</td>
<td>Population living in the SFHA</td>
</tr>
<tr>
<td>35,148</td>
<td>Flood Insurance Policies in force</td>
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<tr>
<td>$8.7Billion</td>
<td>Insurance in force</td>
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Our Risk MAP project

Kick-off 2013

Just provided comments on the Intermittent Data Submittal 2 report (IDS#2)

IDS #3 expected June 2017 with an update meeting with FEMA at the end of the summer

Work maps produced in the summer of 2018

Preliminary maps in spring of 2019
Approach to Risk MAP

- Proactive rather than reactive
- Collaborative
- Verification of data via team of experts
- Minimize challenges and appeals
What are we doing differently?

Identified that topographic data being used could be improved upon

Worked with project team to define the type of data that would be useful

Minimal funds to collect new data

Looked for creative solutions and data sources
Data sources

Elevation Certificates

- Finished Floor Elevation
- Adjacent grade
- BFE when structure was built
- License Number of surveyor
- PDF of the document
Data sources

Stormwater Projects
Data sources

Roads, Bridges and Utility projects
Data sources

Benchmarking Project
Keepers of the data

- County and City Building Departments
- County and City Public Works Departments
- County and City Utilities Departments
- Private stormwater projects
- Private developments
Result

100,000+ elevation data points on a GIS layer
Results (we hope)

Ensure topographical data is based on local information

Data is verified and accurate

Data is being built on for future projects

End result will be better maps that are easier to explain to the public

Reduction in costly challenges and appeals
Questions?

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