

City of Jacksonville AAA Workgroup
Staff's Key Findings

May 31, 2019 – AAA Working Group Meeting
Presentations: <ul style="list-style-type: none">• Susan Kelly re: general overview of Adaptation Planning Framework
Key Findings
<ul style="list-style-type: none">• The Workgroup expressed interest in recommending that the City perform a study or analysis to investigate, and collect data on, the impact area of Hurricane Irma.
<ul style="list-style-type: none">• New flood maps are not accurate for Jacksonville's riverine system and become less accurate moving inland from the Atlantic coast, particularly west of the Mathews Bridge.
<ul style="list-style-type: none">• Impacts to property owners within whatever boundary is chosen will need to be considered as there may be additional regulations or incentives offered. Possibility of looking at the threshold above which a structure needs to come into compliance with the Code because this would likely include any potential regulations related to the AAA – consider "substantial" renovation and a possible relationship with a substantial event. Coming into compliance may be particularly challenging for historic properties.
<ul style="list-style-type: none">• Because today's maps reflect current conditions, and it is anticipated that sea levels/flooding will increase in the future, the Workgroup would like a more conservative boundary so that policies/regulations will take into consideration future conditions.
<ul style="list-style-type: none">• Workgroup voted to approve the following recommendation: The AAA boundary should be defined as, or take into consideration, the greater of the Cat 3 storm surge area or the FEMA 500-year flood plain as shown, and implement adaptation strategies commensurate with the storm and flood risks.
<ul style="list-style-type: none">• Workgroup voted to approve the following recommendation: Update the Adaptation Action Area for sea level rise and infrastructure vulnerability assessments every five (5) years so that decisions regarding adaptation planning and investments can be based on best available data.
Additional Discussion
<ul style="list-style-type: none">• Director Killingsworth briefly reviewed outcomes from the Mayor's Stormwater and Infrastructure Resiliency Committee and offered to make a presentation available to the Workgroup once it has left that Committee. Outcomes from this Committee will likely fall under the "Protection" and "Accommodation" classifications for Adaptation Strategies.
<ul style="list-style-type: none">• Consensus that the downtown area is not modeled correctly and as such is not being considered in the appropriate light.
<ul style="list-style-type: none">• Discussion was had as to whether the Cat 3 storm surge area (versus the Cat 2 surge area) is too large for inclusion into the AAA boundary given the potential for regulatory impacts; however, this area was deemed reasonable for educational/awareness purposes.

- The Workgroup discussed if, and how, to separate the AAA into different segments based on a pivot point located somewhere near the Mathews Bridge.

Staff Deliverables

- City map showing an outer boundary that includes the greater of the Cat 3 storm surge or the 500-year flood plain. Include basins for those pockets of flood plains that seem to be isolated from waterways.
- Document about 2 – 3 elevations for recent developments within the Cat 3 storm surge area.
- Provide tables for residential uses and non-residential uses that include the number of structures; acreage of developable land; and acreage of developed land for the Cat 1, 2, and 3 storm surge areas.