Georgia's ICE Policy and Tools

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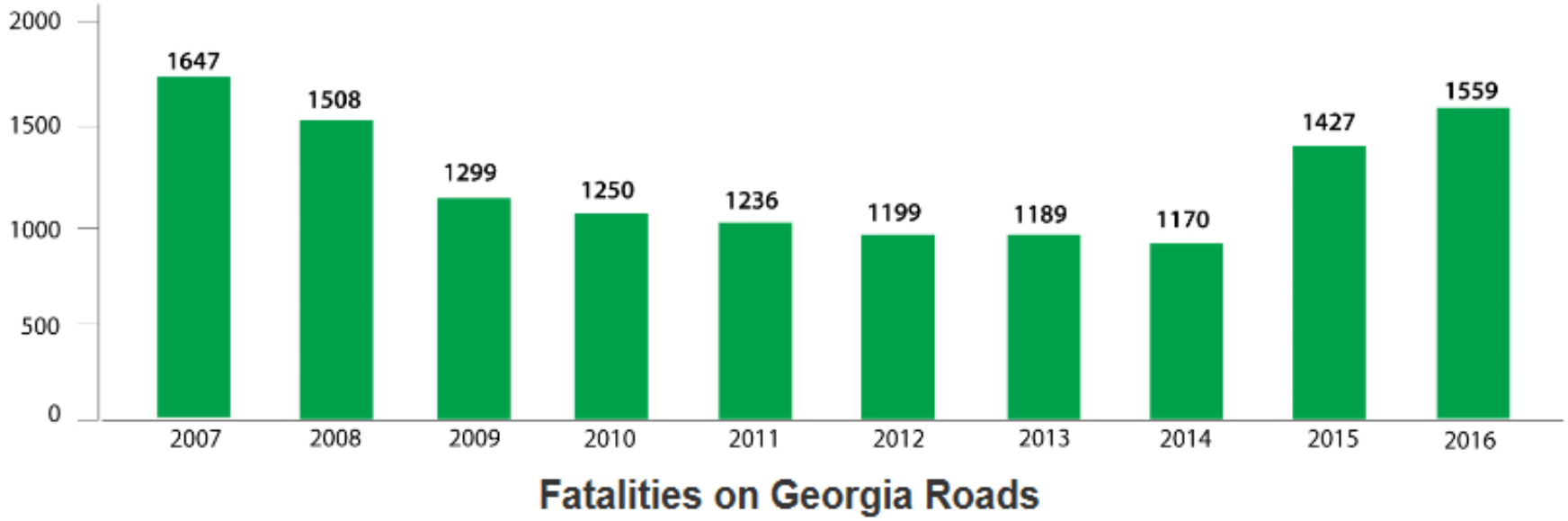
Why ICE??

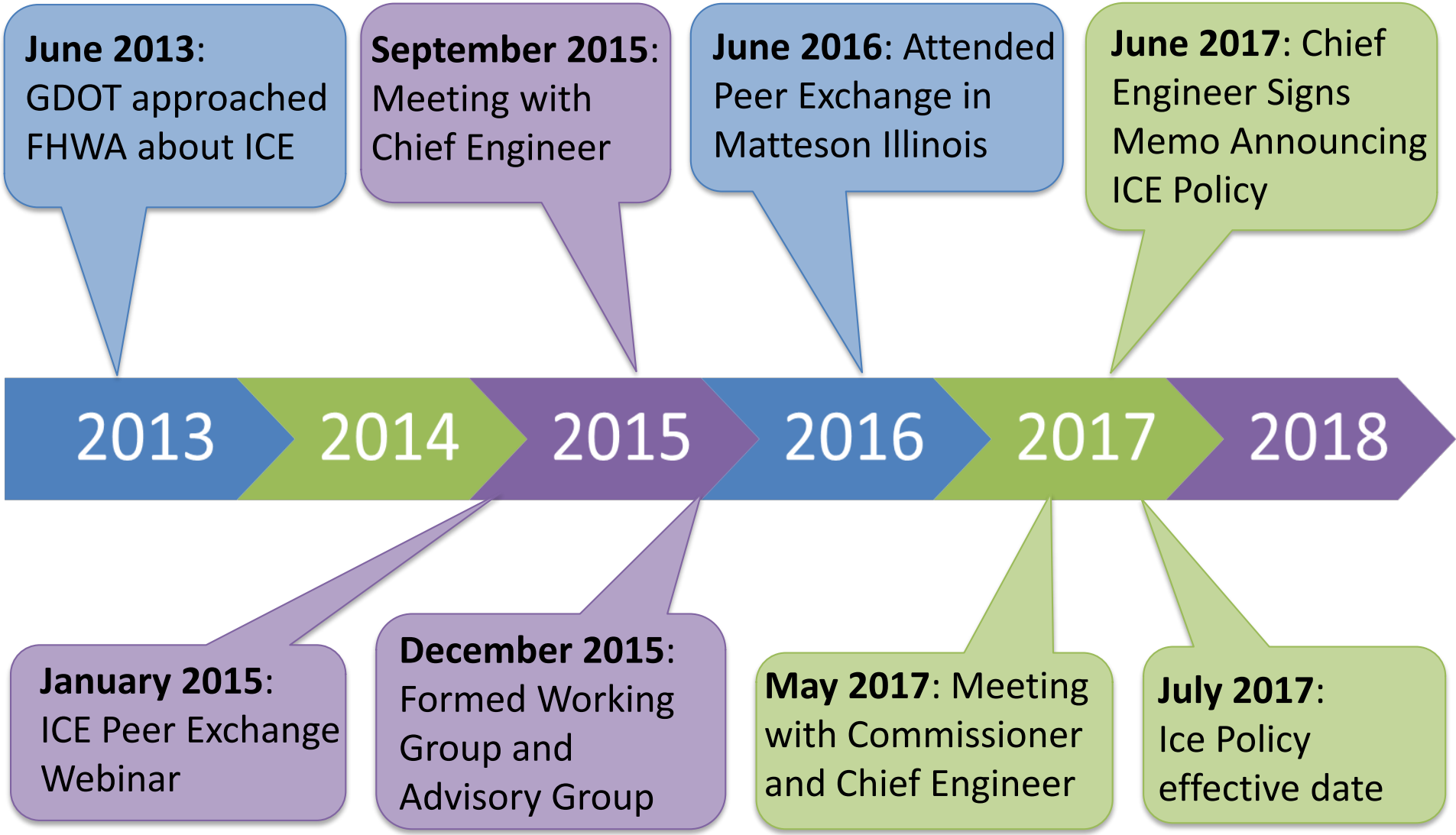
Integrate safety into our decision making process for intersection control on **ALL** projects



Leading up to ICE

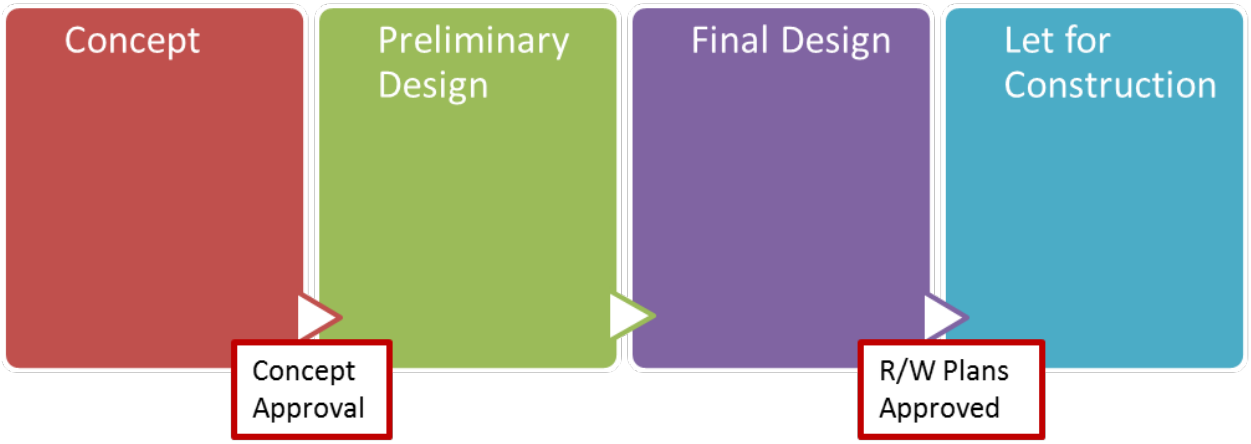
- Frustration due to the lack of non-traditional alternatives considered
- Create a level playing field for all alternatives
- Desire to infuse safety throughout our decision making process by bringing attention to “non-traditional” intersection types
- Provide documentation to support the intersection control decision

ICE Policy Timeline



Implementation

- ICE is required for all projects that do not have concept approval by **July 1, 2017**
- If ICE would delay the concept report submittal for any projects that **have schedules set by July 1, 2017**, ICE may be completed during the preliminary design phase
- Submittals during preliminary design must occur **no later than 1/3** of the way through the time allotted for preliminary design



Lessons Learned

- Important to have support and buy-in from upper management
- Policy needs to have enough teeth to be effective but allow enough flexibility to be able to work within different programs
- Policy is a living document
- Important to conduct proactive training and technical assistance

ICE – The Process & Tool

Screening effort to eliminate non-competitive options and identify alternatives for further consideration

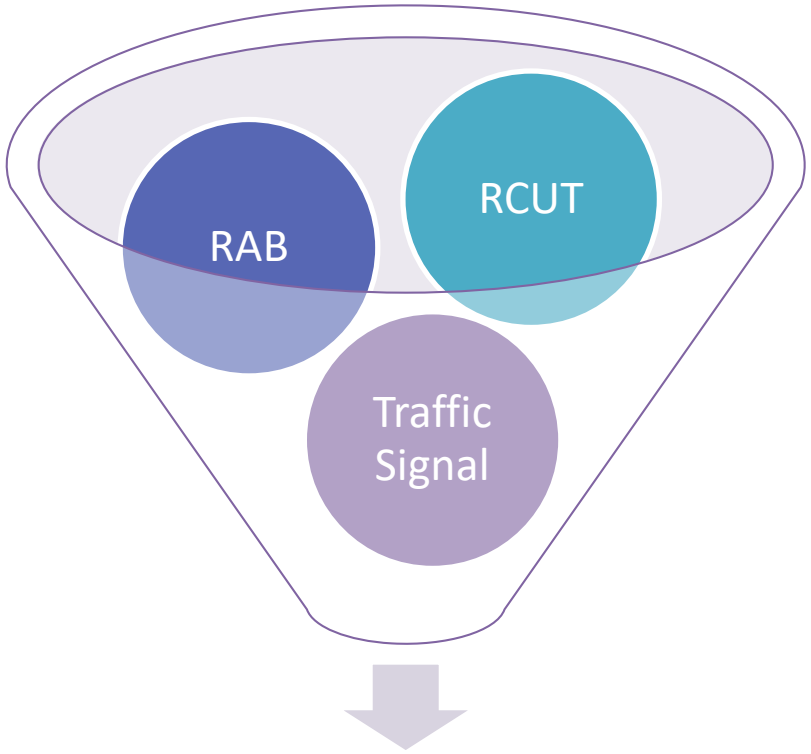
Detailed evaluation of the alternatives identified in Stage 1 in order to support the selection of the preferred alternative that will be advanced to detailed design

Stage 1 - Screening

1. Does alternative address the **project need** in a **balanced manner** and **in scale** with the project?
2. Does alternative **improve safety performance** in terms of reducing severe crashes?
3. Does alternative incorporate **convenience** and **accessibility** for **pedestrians and/or bicyclists**
4. Does alternative **improve (or preserve) traffic operations** (congestion, delay, reliability, etc.)?
5. Does alternative **appear feasible** given the site **characteristics, constrains and location context**?
6. Does alternative **appear feasible** with respect to **other project factors**?
7. **Overall feasible alternative?**

Stage 2 - Alternative Selection

Shortlist of Alternatives from Stage 1



Preferred Alternative

- Total Project Cost
- Traffic Operations
- Safety Analysis
- Environmental Impacts
- Stakeholder Posture

ICE Documentation

Stage 1

- Completed Stage 1 Decision Record
- Single intersection projects may proceed seamlessly to Stage 2
- For corridor projects a concurrence memo is recommended

Stage 2

- Completed Alternative Selection Decision Record with Supporting documentation
- Included in Project Concept Report or as a stand-alone document
- Completed waiver form if the ICE recommended alternative is not selected as the preferred alternative

Acknowledgments

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Thank you!