







Effingham County SS4A Commission Briefing

May 21, 2024



- What is SS4A?
- Study Schedule
- Progress to Date
- Public Meeting #1
- Next Steps











What is Safe Streets for All (SS4A)

- SS4A is a federal program to help advance the nation's goal of Zero Roadway Deaths.
- \$1 Billion/year is allocated for Vision Zero Planning, Demonstration & Implementation.
- First time local government have access to funds dedicated to understanding safety issues in their communities.
- Allows communities to develop a Safe System Approach that includes prioritizing:
 - Safe Speeds
 - Safe, convenient options for transit, walking & biking.
 - Self-enforcing roadway designs & Complete Streets for all road users.
 - Equitable strategies & outcomes, not over-reliance on enforcement & education measures.



FORESITE



What does SS4A Look like for Effingham County?



VISIONING PHASE

LISTENING AND LEARNING

Introduce the SS4A Safety Action Plan, analyze current data, and collect feedback to define the overall vision and goals.



STRATEGIES PHASE

EVALUATE OPTIONS AND DEVELOP SAFETY STRATEGIES

Share with stakeholders and the community potential safety initiatives eligible for grant funding that are both feasible and applicable.



REVIEW PHASE

REVIEW DRAFT SAFETY ACTION PLAN

Present suggested changes through a preliminary Safety Action Plan draft, allowing for public commentary before finalizing the SS4A Safety Action Plan.

Here are the elements of our study effort:

- Safety Data Analysis
- Community Engagement
- Development of Emphasis Areas
- Identify Strategies to Address Emphasis Areas
- Development of the SS4A Plan

Craft a plan that focuses on County facilities



2023



Overall Project Schedule

MOBILIZATION AND PROJECT KICKOFF

12/12/2023 - 12/31/2023 Deliverables - Project Management Plan

INITIAL DATA COLLECTION

12/18/2023 - 2/19/2024 Deliverables - Tech memo on Safety Data

PROJECT REVIEW WITH COUNTY

(monthly - 4th Monday of month) 1/22/2024

Deliverables - Progress Report for County and FHWA and Tech Memo on Committee

CONDUCT SECOND COMMITTEE MEETING

4/10/2024

Deliverables - Presentation for Working Group to include Visioning and Emphasis Areas

PROJECT REVIEW WITH COUNTY

4/22/2024

Deliverables - Progress Report for County and FHWA and Tech Memo on Data Analysis

PROJECT REVIEW WITH COUNTY

5/27/2024

Deliverables - Progress Report for County and FHWA and Tech Memo on Potential Strategies

CONDUCT FOURTH COMMITTEE MEETING

8/14/2024

Deliverables - Presentation for Working Group to include implementation strategies

PROJECT REVIEW WITH COUNTY

8/26/2024

Deliverables - Progress Report for County and FHWA and Tech Memo proposed outreach meetings with the public

PROJECT REVIEW WITH COUNTY

9/23/2024

Deliverables - Progress Report for County and FHWA and Tech Memo on equity

2024

3/25/2024

Deliverables - Progress Report for County and FHWA and Tech Memo on Emphasis Areas

PROJECT REVIEW WITH COUNTY

2/26/2024

Deliverables - Progress Report for County and FHWA and Tech Memo Vision, Mission, and Goals

PROJECT REVIEW WITH COUNTY

(proposed for 2nd Wednesday every other month) 2/14/2024 Deliverables - Presentation for Committee to include Group Charter,

CONDUCT FIRST COMMITTEE

initial data trends

7/22/2024

Deliverables - Progress Report for County and FHWA and Tech Memo on potential improvement program with costs

PROJECT REVIEW WITH COUNTY

6/24/2024

Deliverables - Progress Report for County and FHWA and Tech Memo on proposed policy and ordinance changes

PROJECT REVIEW WITH COUNTY

6/12/2024

Deliverables - Presentation for Working Group data analysis and potential strategies

CONDUCT THIRD COMMITTEE MEETING

10/28/2024

Deliverables - Progress Report for County and FHWA and Final Plan and

FINAL PROJECT REVIEW WITH COUNTY

10/1/2024

DRAFT PLAN SUBMITTED TO COUNTY

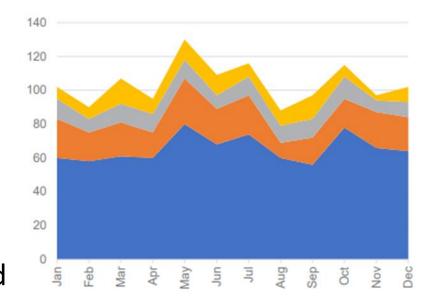
9/25/2024

Deliverables - Presentation for Working Group to include Draft Plan for Approval/Recommendation

CONDUCT FINAL COMMITTEE MEETING

Completion of Study Effort end of 2024

- ✓ Development of Technical Memos
 - ✓ Project Management Plan
 - ✓ Public Involvement Plan
 - √ Stakeholder Committee
 - ✓ Data Collection
 - ✓ Data Analysis
 - √ Safety Assessment
- ✓ Two of Five Stakeholder Committee Meetings held

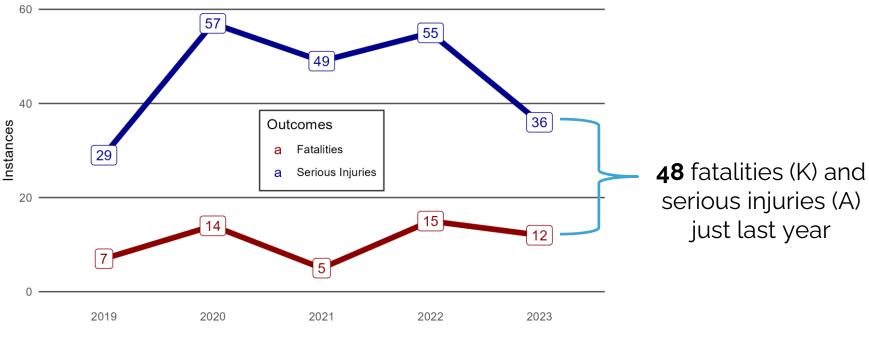






Data - Trends





Intersection Related

> Segment Related

(Rear Ends and Lane Departures)

Manner of Collision	Fatalities	Serious Injuries	Total	Percent	
Angle	12	78	90	32%	
Not with a Motor Veh.	25	93	118	42%	
Head-on	6	24	30	11%	
Rear End	8	15	23	8%	
Sideswipe - Opposite Dir.	1	6	7	2.5%	
Sideswipe – Same Dir.	1	9	10	3.5%	





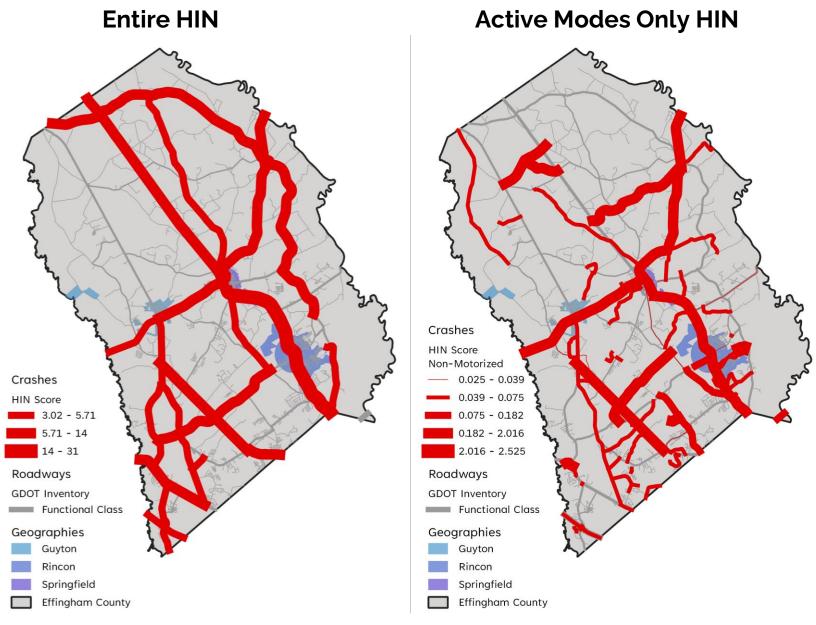
High Injury Network (HIN)

A combination of **need** and **risk** of Effingham corridors

The HIN shown here are a combination of systemic score and location score.

Location Score = Fatalities + Serious Injuries

Systemic Score = Expected crashes based on high-risk road attributes





Public Meeting Number 1 May 22, 2024

- Open 5 to 7 pm May 22, 2024
- Clarence E. Morgan Complex Effingham Gym
- Goal of meeting is to:
 - Orient the public on the Safe Streets For All (SS4A) planning effort underway
 - Share information on what the data tells us about safety in the County
 - Solicit feedback from the public on safety areas of concern
 - Provide public an update on projects underway in the County







Next Steps

- Assess countermeasures to apply to the County HIN
- Assess policies that will assist in improved safety
- Develop emphasis areas and strategies for the County
- Develop an actionable plan





SPEED MANAGEMENT



Speed Safety Cameras



Variable Speed Limits



Appropriate Speed Limits

PEDESTRIAN/BICYCLIST



Crosswalk Visibility Enhancements



Medians and Pedestrian Refuge Islands in Urban and Suburban Areas



Bicycle Lanes

Beacons



Rectangular Rapid Flashing Beacons (RRFB)

Road Diets (Roadway

Reconfiguration)



Leading Pedestrian



CROSSCUTTING

INTERSECTIONS



Backplates with Retroreflective Borders



Roundabouts



Reduced Left-Turn Conflict Intersections



Corridor Access Management

Pedestrian Hybrid



Systemic Application of Multiple Low-Cost Countermeasures at Stop-



Dedicated Left- and Right-Turn Lanes at



Yellow Change Intervals



Pavement Friction Management





Local Road Safety



Road Safety Audit

ROADWAY DEPARTURE





SafetyEdgeSM



Enhanced Delineation for Horizontal Curves



Roadside Design



Longitudinal Rumble Strips and Stripes on



Median Barriers

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