



Technical Assistance Safety Project Planning



SAIN
ASSOCIATES

▶ Team Structure & Roles

 **RPC** Regional Planning Commission
of Greater Birmingham
& MEMBER GOVERNMENTS

 **SAIN**
ASSOCIATES
Project Management, Outreach,
Data Analytics, Training
Coordination, Safety Project
Development

TIM BARNETT
Strategy, Data Analytics, Quality
Control, Training Facilitation



BURGESS & NIPLE
Training Materials & Facilitation



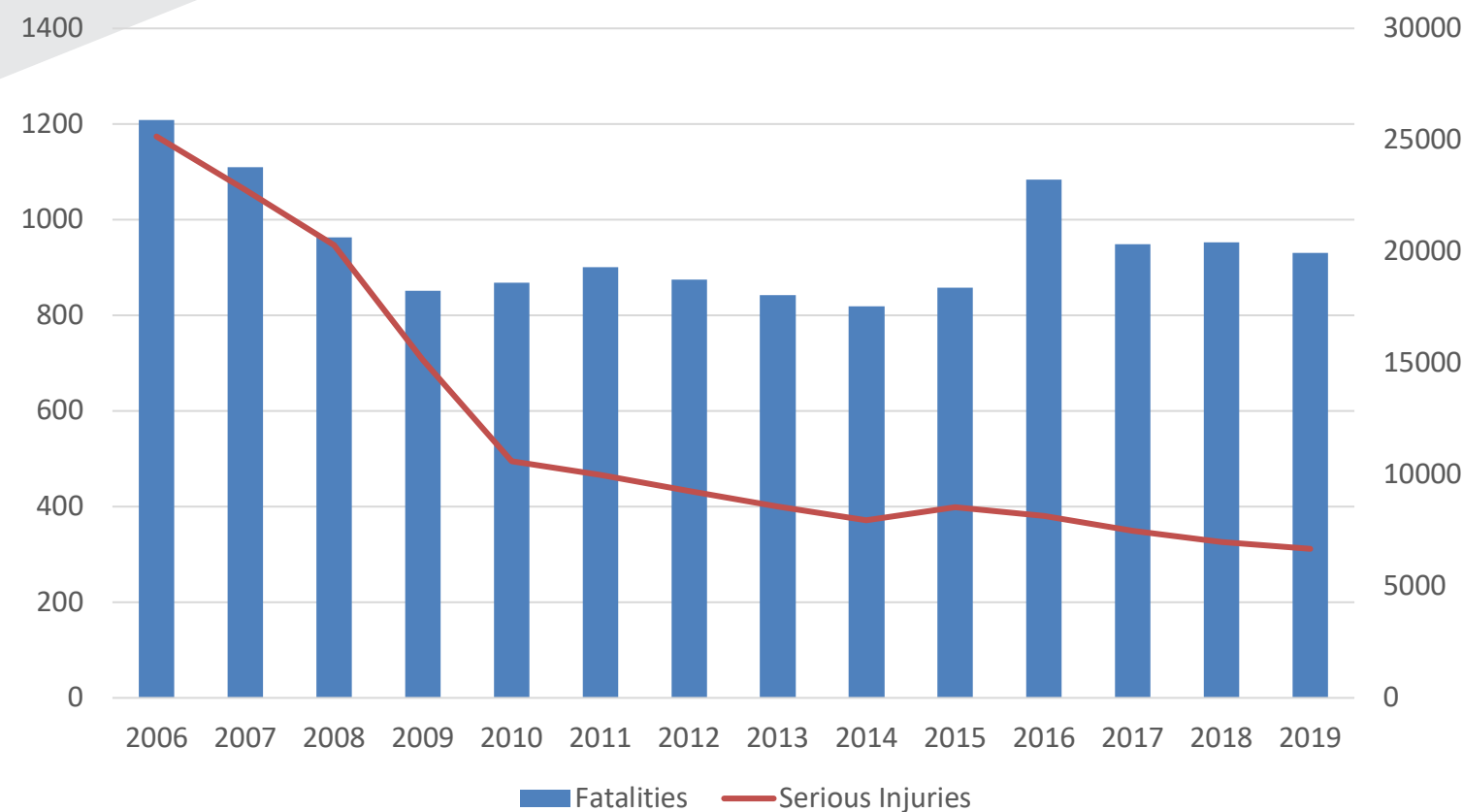
THE SIX FIFTY COMPANY
Training Development,
Stakeholder Engagement on
Equity Issues, Video Production



Need and Purpose

Reduce fatalities and serious injuries in the Birmingham region

Alabama Fatalities and Serious Injuries



Pedestrian Involved Crashes by County (2016-2020)

County	PIC	PIC per 100,000 Population	Alabama Ranking (High to Low)
Jefferson	944	143.1	3
Blount	25	43.3	36
Shelby	67	31.4	47
St. Clair	22	25.0	54
Statewide	4,086	83.8	

Approximately 50% fatalities & serious injuries occur on locally maintained roads.

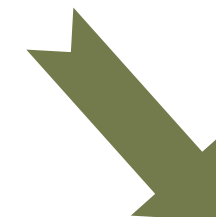
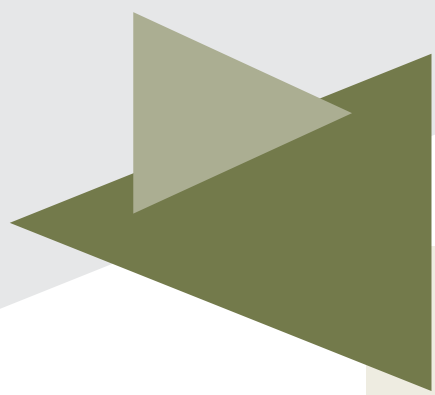


Alabama consistently ranks in top 10 for rail-highway crossing collisions and severities.



Value Added

- Training & tools to more easily integrate safety considerations into local projects
- Build a project pipeline
- Broaden perspectives about safety
 - ✓ Vulnerable Road Users
 - ✓ Systemic improvements
 - ✓ Transportation equity
- Coaching on how to build support for safety improvement projects
- Strengthen local support for Vision Zero
- Provide RPCGB with an overview of safety issues in the region



**Crash
Concentrations
& Trends**

**Systemic
Countermeasures**

**Safe System
Approach**



Outreach

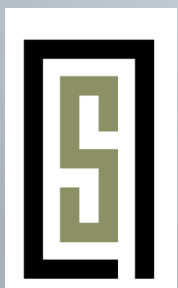
Technical Staff

- MPO TCC Meetings
- Email
- Phone
- Visits
- Online Surveys and/or Interactive Collaboration Tool

Administrative/Policy Leaders

- MPO Policy Board Meetings
- Mayors Association Meetings
- Visits

**Birmingham MPO includes
4 Counties and 54 Municipalities**





Connect Learning Objectives to Actual Needs

- Use outreach to survey to clarify needs
- Possible topics include:
 - ✓ Reviewing and understanding safety data
 - ✓ Systemic approach to reducing F & SI crashes
 - ✓ Selecting countermeasures
 - ✓ Prioritizing safety improvements
 - ✓ Using ALDOT's HSIP cost benefit tool
 - ✓ Transportation Equity
 - ✓ Funding for safety projects
 - ✓ Advocating for safety projects



Training Can Occur in Multiple Platforms

Group Training

- Hybrid (live & virtual)
- Interactive exercises
- Case studies
- Videos
- Hard copy & digital workbook/toolbox



Person to Person

- Email outreach
- Coaching (in person & virtual)
- Digital toolbox



Online

- Digital toolbox
- Videos
- Online training from FHWA, ITE, etc.



Cost Effective Training

- Repurpose existing resources to meet TASP² Objectives
 - ✓ TSP Workshops
 - ✓ LRSP Development & Implementation
 - ✓ Vision Zero Planning
 - ✓ Integrating Safe Systems Approach into Planning and Implementation
 - ✓ AL LRSP Guidance
 - ✓ AL SHSP
 - ✓ STEP UC Engagement and Walkaround Guides
- Video Content
- Case Studies with exercises
- Walkarounds



Horizontal Alignment
Signage and the MUTCD



Reducing Rural Roadway
Departures



Roundabouts: Benefits for
your Community

