Local Road Safety Plans
NACE LRSP Pilot Workshop
Savannah, GA
December 4, 2018

Safety Data, Tools, and the Systemic Approach
Steps in the LRSP Development

- **Step 1:** Establish Leadership
- **Step 2:** Analyze the Safety Data
- **Step 3:** Determine Emphasis Areas
- **Step 4:** Identify Strategies
- **Step 5:** Prioritize and Incorporate Strategies
- **Step 6:** Evaluate and Update the LRSP
**Plymouth County, Iowa**

Severe (Fatal & Serious Injury) Crash Locations:

54 severe crashes over 5 years (approx. 1 per month)

Analysis Source: [https://saver.iowadot.gov/](https://saver.iowadot.gov/)

**Systemic Approach in Medicine**

How Healthy is Your Road System?

Minnesota’s Systemic Approach to Safety on All Roads

- Video

https://youtu.be/jVds3AWWqbk

Minnesota LRSP Results?

Mark Vizecky, MnDOT
What if I do not have good local crash data?

Your state highway safety plan (SHSP) is always a good place to start. Although the SHSP may not be community specific it should provide statewide priorities which you can use to develop a emphasis areas for your community.
**Risks**

Local Road Safety Plans

**Poll 2**

Do you know how many roadway fatalities you have on your county road network in an average year?

- Zero: 9
- 1-5: 1
- 6-15: 1
- 16-30: 1
- 30+: 1
- I do not know: 1

Local Road Safety Plans
Strategic Highway Safety Plans

Local Road Safety Plans

SHSP Emphasis Areas - GA

Georgia

EMPHASIS AREAS

1. AGGRESSIVE DRIVING
   EA Type = Behavioral

2. IMPAIRED DRIVING
   EA Type = Behavioral

3. OCCUPANT PROTECTION
   EA Type = Behavioral

4. SERIOUS CRASH TYPES – INTERSECTION SAFETY
   EA Type = Infrastructure

5. SERIOUS CRASH TYPES – ROADWAY DEPARTURE
   EA Type = Infrastructure

6. NON-MOTORIZED USERS – BICYCLISTS
   EA Type = Ped/Bike

7. NON-MOTORIZED USERS – PEDESTRIANS
   EA Type = Ped/Bike

8. AGE RELATED ISSUES – OLDER DRIVERS
   EA Type = Vulnerable Users

9. AGE RELATED ISSUES – YOUNG ADULT DRIVERS
   EA Type = Vulnerable Users

10. VEHICLE TYPE – MOTORCYCLES
    EA Type = Vulnerable Users

11. VEHICLE TYPE – HEAVY TRUCK
    EA Type = CMV/Heavy Vehicles
**SHSP Emphasis Areas - IN**

**Indiana**

**EMPHASIS AREAS**

1. **HUMAN BEHAVIOR FACTORS**
   EA Type = Behavioral

2. **HIGH-SPEED MULTI-LANE REAR-END COLLISIONS**
   EA Type = Infrastructure

3. **HIGHWAY-RAIL GRADE CROSSING CRASHES**
   EA Type = Infrastructure

4. **INTERSECTION CRASHES**
   EA Type = Infrastructure

5. **ROADWAY DEPARTURE CRASHES**
   EA Type = Infrastructure

6. **WORK ZONE CRASHES**
   EA Type = Infrastructure

7. **DATA AND INFORMATION SYSTEMS FOR TRAFFIC SAFETY**
   EA Type = Data

8. **BICYCLE INVOLVED CRASHES**
   EA Type = Ped/Bike

9. **PEDESTRIAN INVOLVED CRASHES**
   EA Type = Ped/Bike

10. **MOTORCYCLE/MOPED INVOLVED CRASHES**
    EA Type = Vulnerable Users

11. **OLDER DRIVERS & PEDESTRIANS**
    EA Type = Vulnerable Users

12. **LARGE TRUCK INVOLVED CRASHES**
    EA Type = CMV/Heavy Vehicles

**SHSP Emphasis Areas - KY**

**Kentucky**

**EMPHASIS AREAS**

1. **AGGRESSIVE DRIVING**
   EA Type = Behavioral

2. **DISTRACTED DRIVING**
   EA Type = Behavioral

3. **IMPAIRED DRIVING**
   EA Type = Behavioral

4. **OCCUPANT PROTECTION**
   EA Type = Behavioral

5. **INTERSECTIONS**
   EA Type = Infrastructure

6. **ROADWAY DEPARTURE**
   EA Type = Infrastructure

7. **NON-MOTORIZED USERS**
   EA Type = Ped/Bike

8. **HIGH RISK DRIVERS**
   EA Type = Vulnerable Users

9. **MOTORCYCLES**
   EA Type = Vulnerable Users

10. **INCIDENT MANAGEMENT**
    EA Type = Incident Management/EMS

11. **COMMERCIAL VEHICLE SAFETY**
    EA Type = CMV/Heavy Vehicles
“Do what you can, with what you have, where you are.”

– Theodore Roosevelt
Screening tools for LRSP