

ILEA Emergency Vehicle Operations



6/1/2020

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EXIT

3 COMPONENTS OF DRIVING

- 1. Awareness
- 2. Space Management
- 3. Collision Avoidance

Systems of Driving

- Assists in driver awareness
- Assists driver in better space management - which will minimize the use of collision avoidance techniques
- Communication to other drivers, sending and receiving information, on use of the roadway and your intentions

Smith System

- 5 step process
 - must first recognize that drivers need to learn perceptual skills as well as manipulative skills
- 1. “Aim High In Driving”
- 2. “Keep Your Eyes Moving”
- 3. “Get The Big Picture”
- 4. “Leave Yourself An Out”
- 5. “Make Sure They See You”

S.I.P.D.E. System

- Developed by traffic safety educators
- Used as a decision making process by driver
- **S - SEARCH**
- **I - IDENTIFY**
- **P - PREDICT**
- **D - DECIDE**
- **E - EXECUTE**

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S.I.P.D.E. System

- Search
 - systematic searching for information
 - focus on P-O-T (path of travel)
 - 12 second rule (highway/interstate), 2 block rule (city driving)
 - use rapid eye movement for searching
 - listen for audible clues when sight picture limited

S.I.P.D.E. System

- Identify
 - condition yourself to situations that may become hazardous
 - hazards come in many different shapes and forms
 - may develop rapidly
 - calculate effects and evaluate traffic environment

S.I.P.D.E. System

- Predict
 - evaluate what could happen if conditions continue to develop (anticipate future events)
 - recognize immediate and potential hazards and evaluate risks

S.I.P.D.E. System

- Decide
 - a driver should direct and control the vehicle's involvement, meaning.....
 - what course of action are you going to take
 - stay out of preventable accidents
- Execute
 - simply stated, AVOID COLLISIONS by using your driving ability