

Chapter 4 - Managing Risk

- **Risk - Real and Perceived**
 - Possibility of a collision
 - Other Drivers
 - Other Vehicles
 - Roadway/environment
 - Manage risk to lower possibility of a collision
- **System - Orderly system that promotes good visual habits**
 - Aim high in steering
 - Keep your eyes moving
 - Get the big picture
 - Make sure others see you
 - Leave yourself an “out”
- **Zone** - One of six areas of space around a vehicle that is the width of a lane and extends as far as the driver can see.
- **Zones**
- **Open Zone** - a space where you can drive without restriction
- **Closed Zone** - A space not open to you because of a restriction
- **The Zone Control System**
 - See a Zone Change
 - Check the other zones
 - Create time and space by getting the best speed control, lane position, and communication
- **Searching Ranges**
 - Line of sight - the distance you can see ahead in the direction you are looking.
 - Path of travel - the space your vehicle will occupy.
- **Target Area** - The section of roadway where the target is located in the center of your intended path, and the area to its right and left
- **Searching Zones**
 - Target area range - space from your vehicle to the target area (4-6 seconds minimum)
 - 20-30second range - distance you will travel in that time
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- **Orderly Visual Search Pattern**
 - Process of searching critical areas in a regular sequence
 - What are the critical areas?
- **Scanning** - The art of glancing continually and quickly through your search pattern
- **Field of Vision** - The area you can see around while looking straight ahead
- Central vision - the area you can see clearly (10 degrees)
- Peripheral vision - left and right of your central vision

- **What to Look For**
 - Open zones
 - Other users - ground viewing
 - Roadway features and conditions
 - Traffic controls
- **Lane Position 1 - Middle of the lane**
 - In what situation that you might use this lane position?
- **Lane Position 2 - Hug the left of the lane**
 - In what situation that you might use this lane position?
- **Lane Position 3 - Hug the right side of the lane**
 - In what situation that you might use this lane position?
- **Communicating** - How can you communicate with other drivers?
- **IPDE Process**
 - Identify - Use a visual search pattern
 - Predict - Use of knowledge, judgment, and experience
 - Decide - Make a decision to use one or more actions
 - Execute - Execute your maneuver based upon your decision
- **Identify and Predict**
 - A driver must identify hazards by knowing when to look, where to look, how to look, and what to look for.
 - The sooner a driver can identify a hazard, the more time they will have to react safely.
- **How to Predict**
 - Evaluate situation and make a judgment on consequences
 - More complex situations are harder to identify and predict
 - Knowledge, judgment, and experience are keys
- **What to Predict**
 - Path others will take
 - Action they will take
 - My open zones
 - Point of conflict
 - Control of my vehicle
- **Traffic Flow**
 - Give yourself space
 - Check the zones
 - Adjust speed