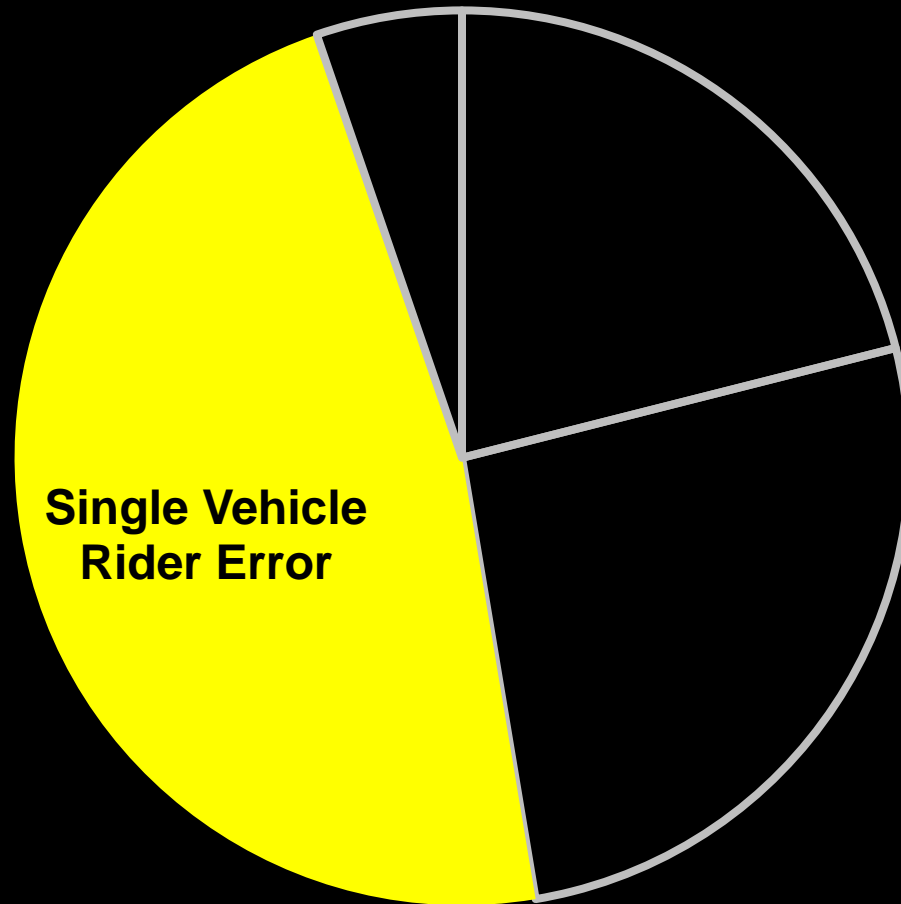


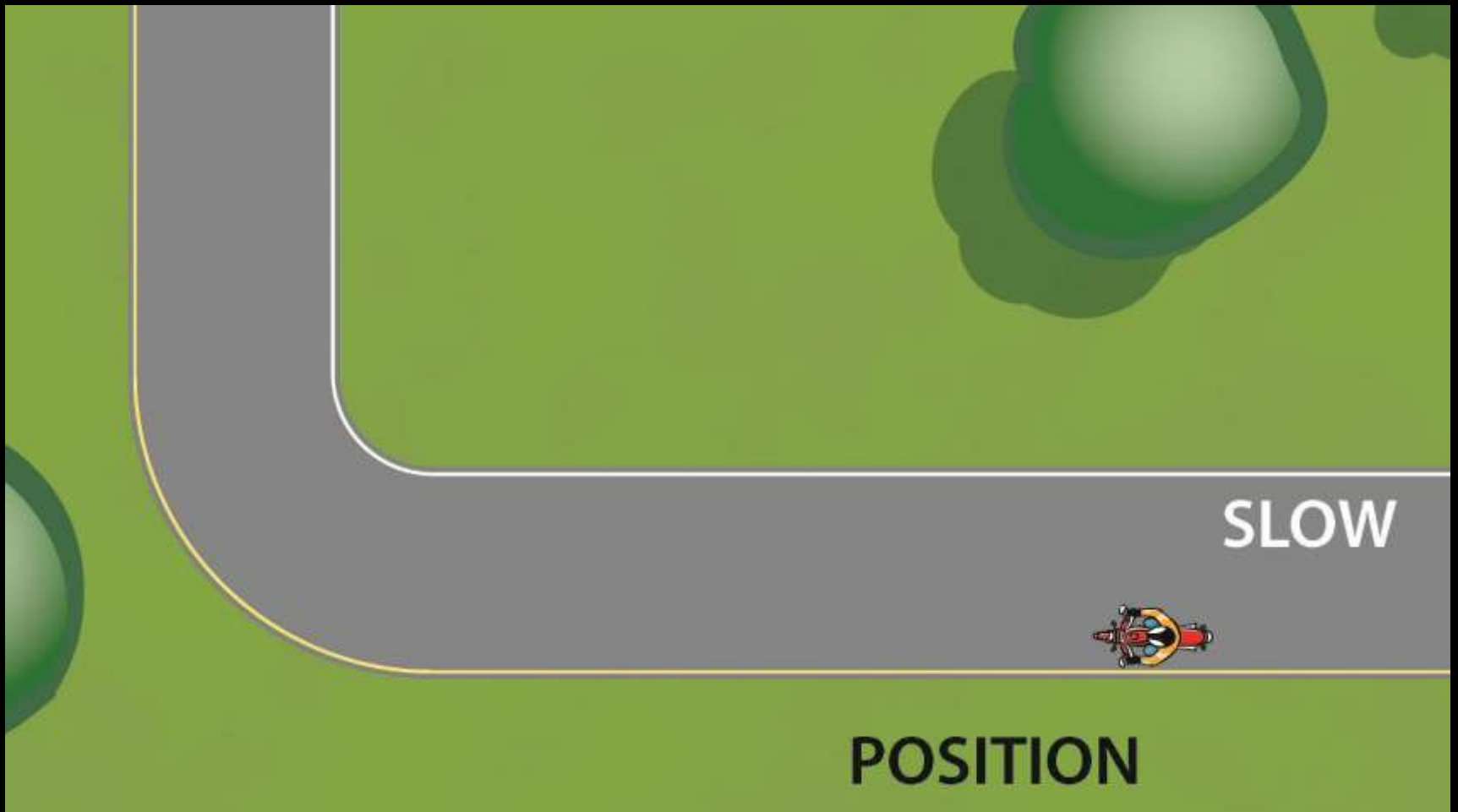
Crash Causation Factors



Video: Cornering



Ready

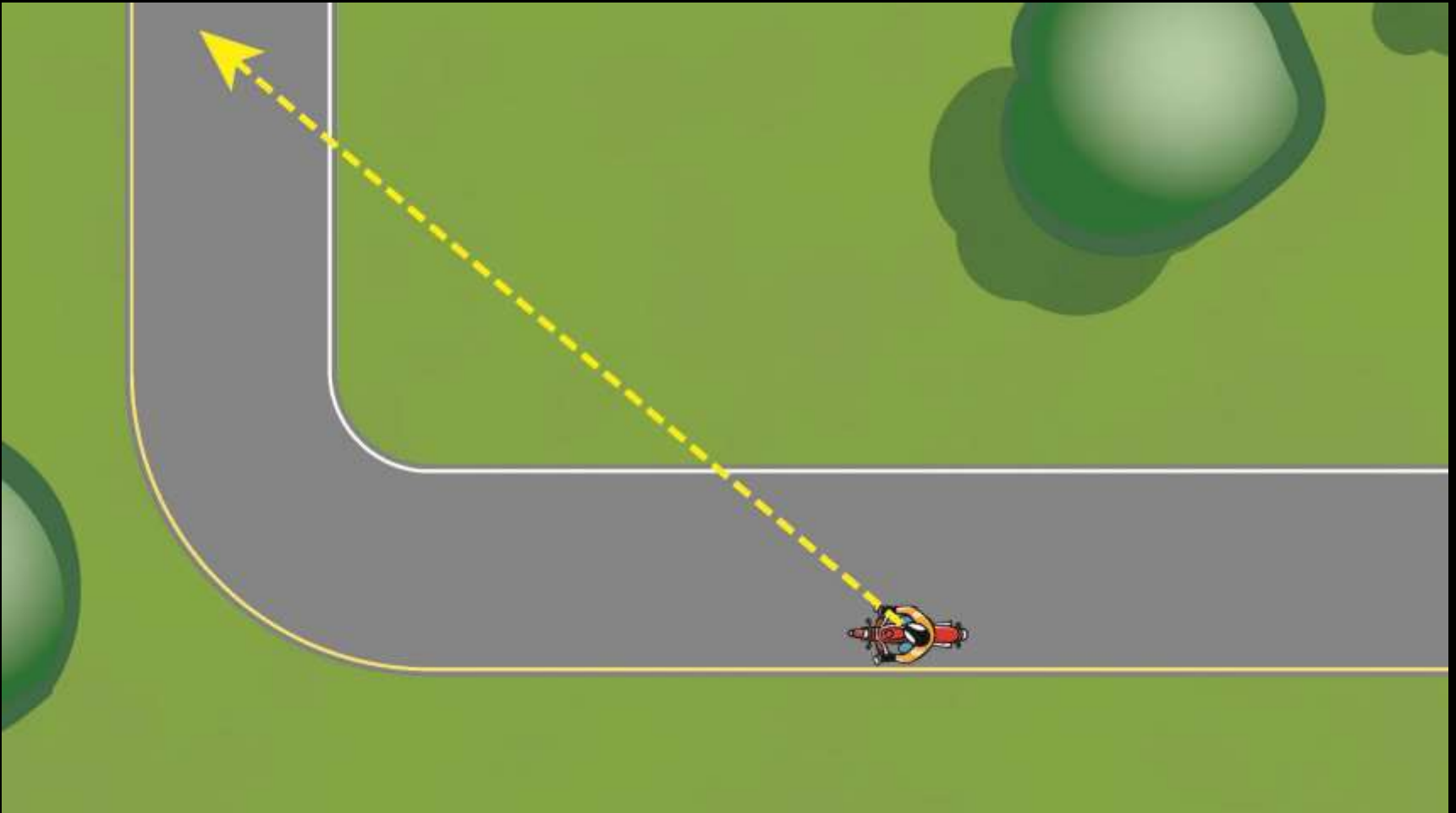


Aim

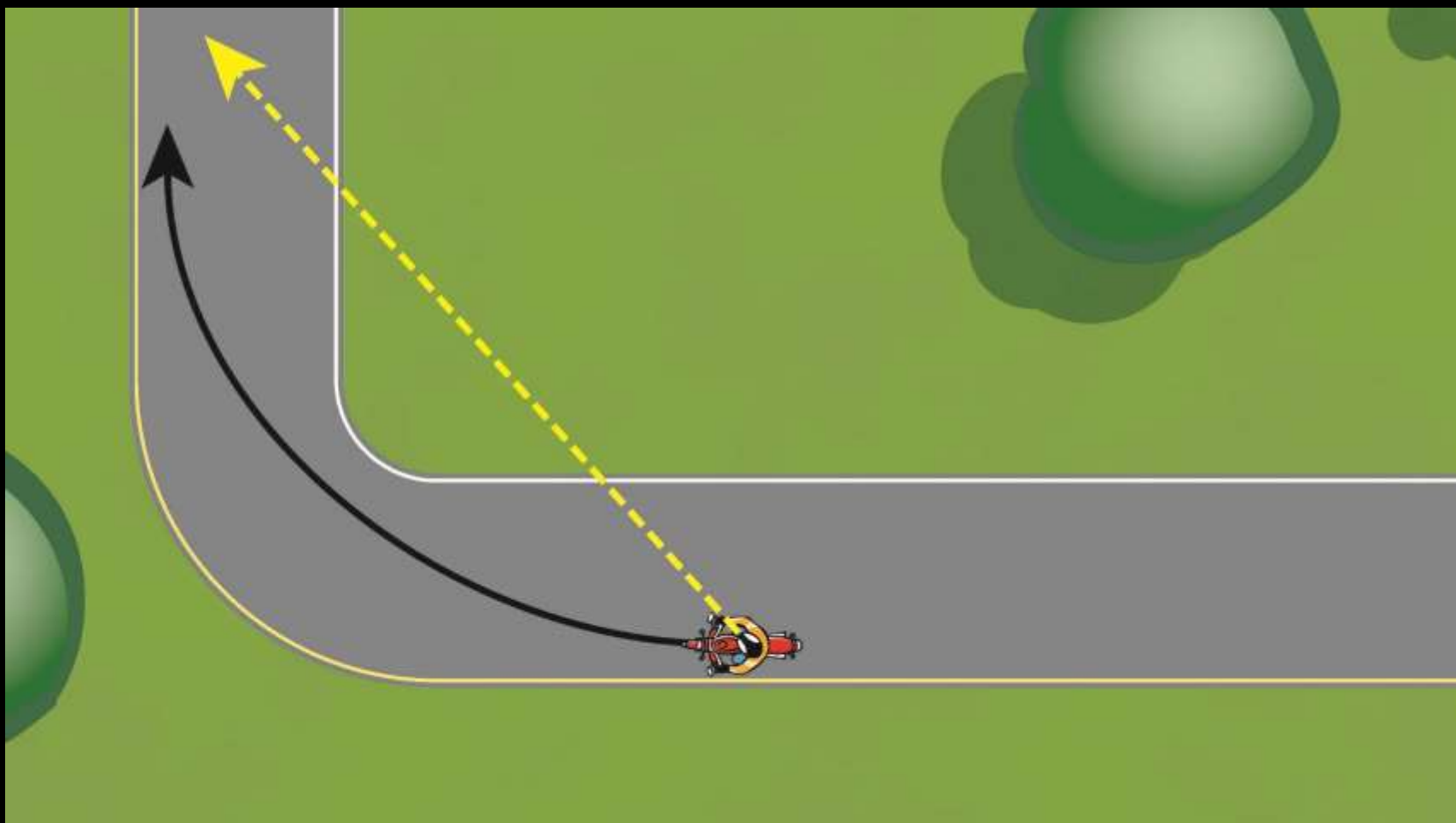
Turn your head, face your target



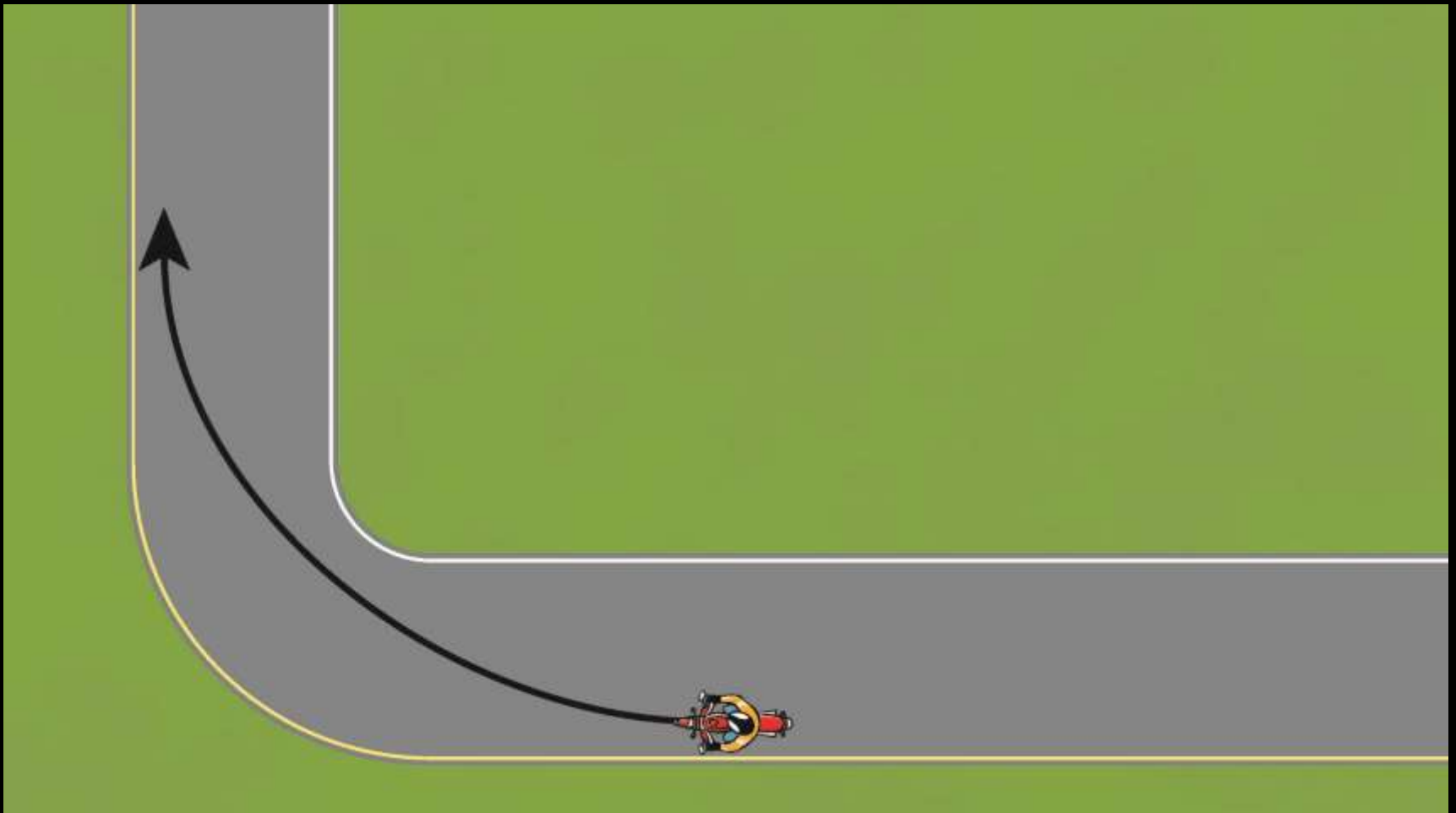
Aim



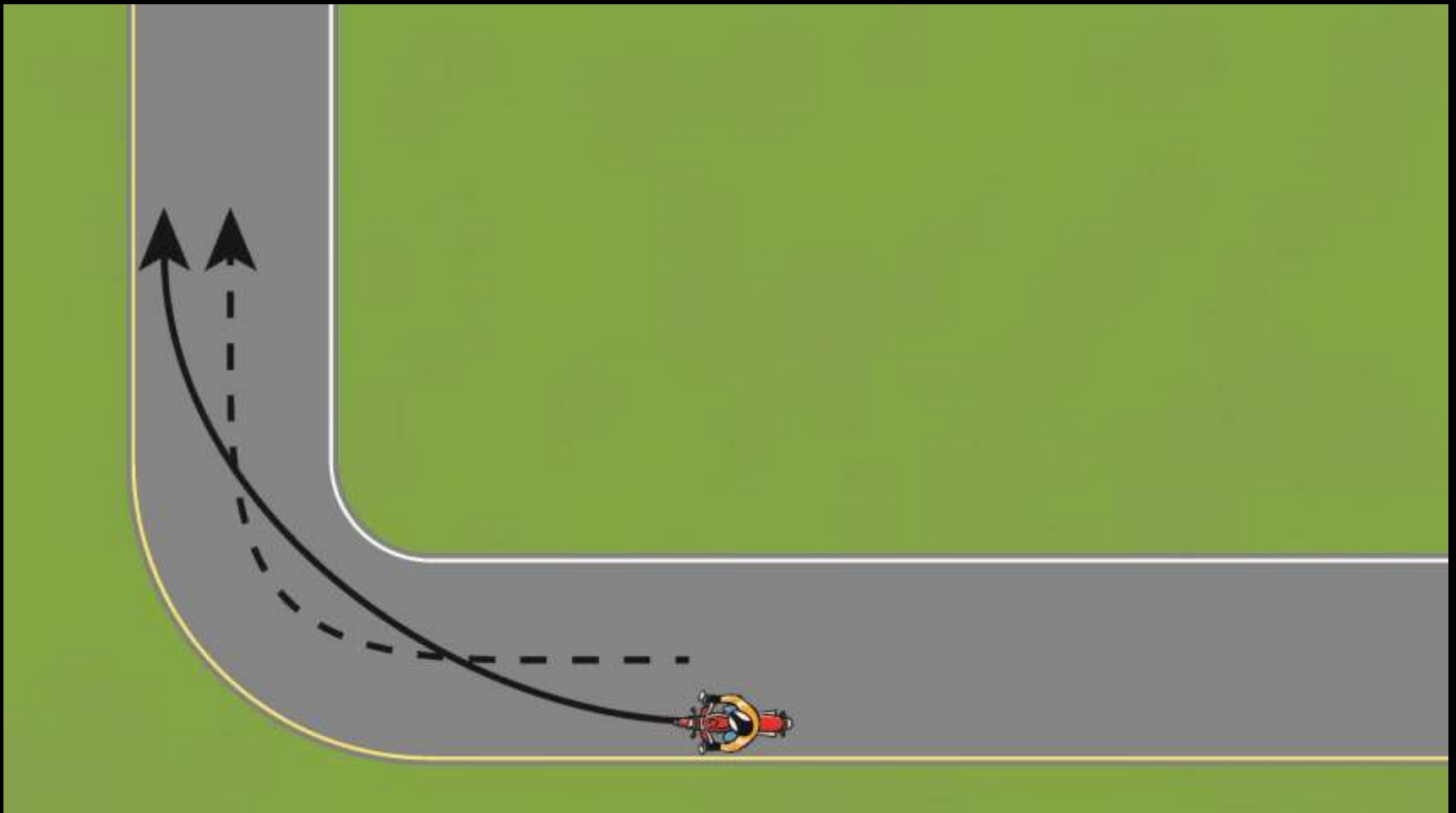
Fire



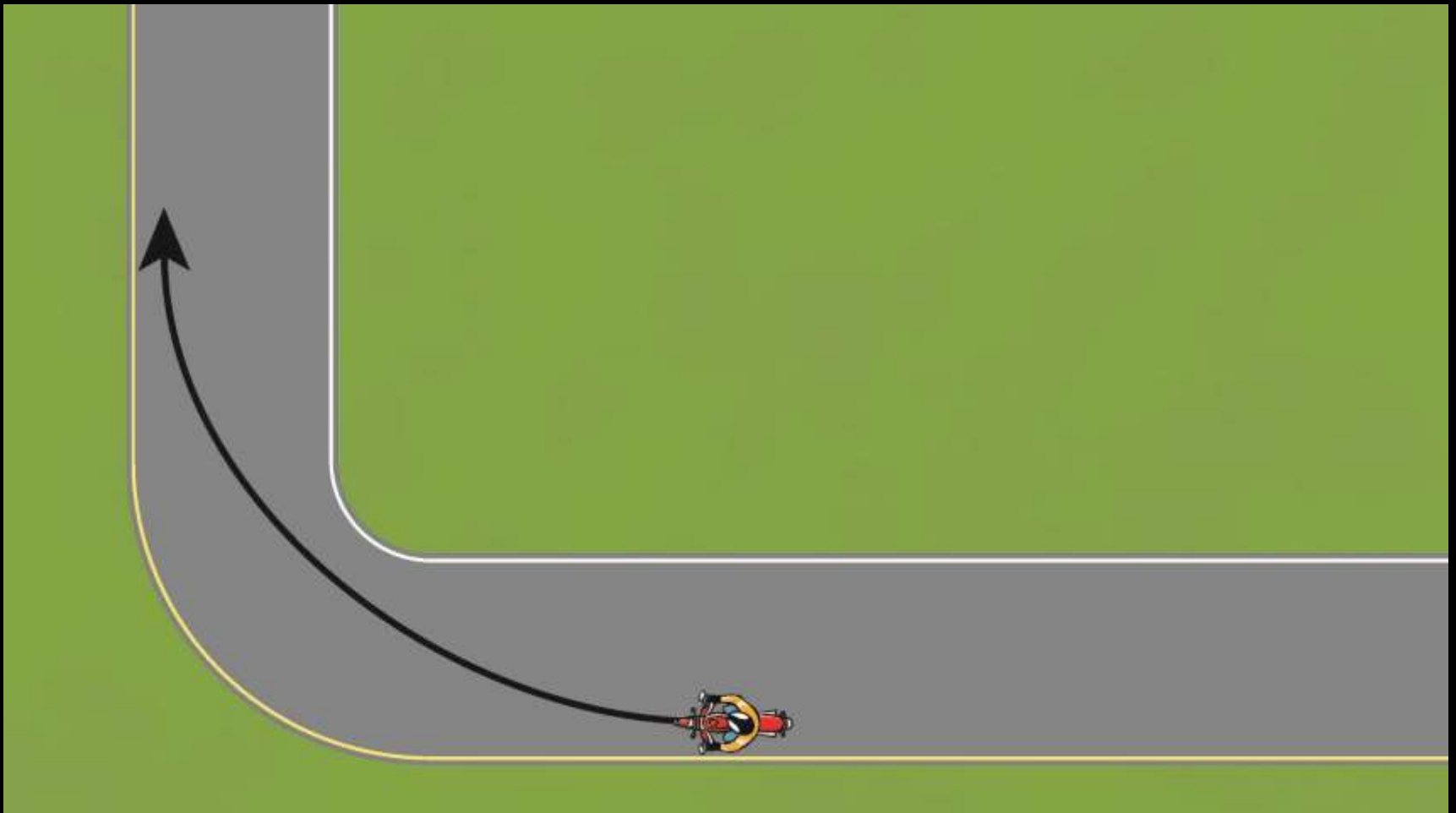
Choose a Good Line



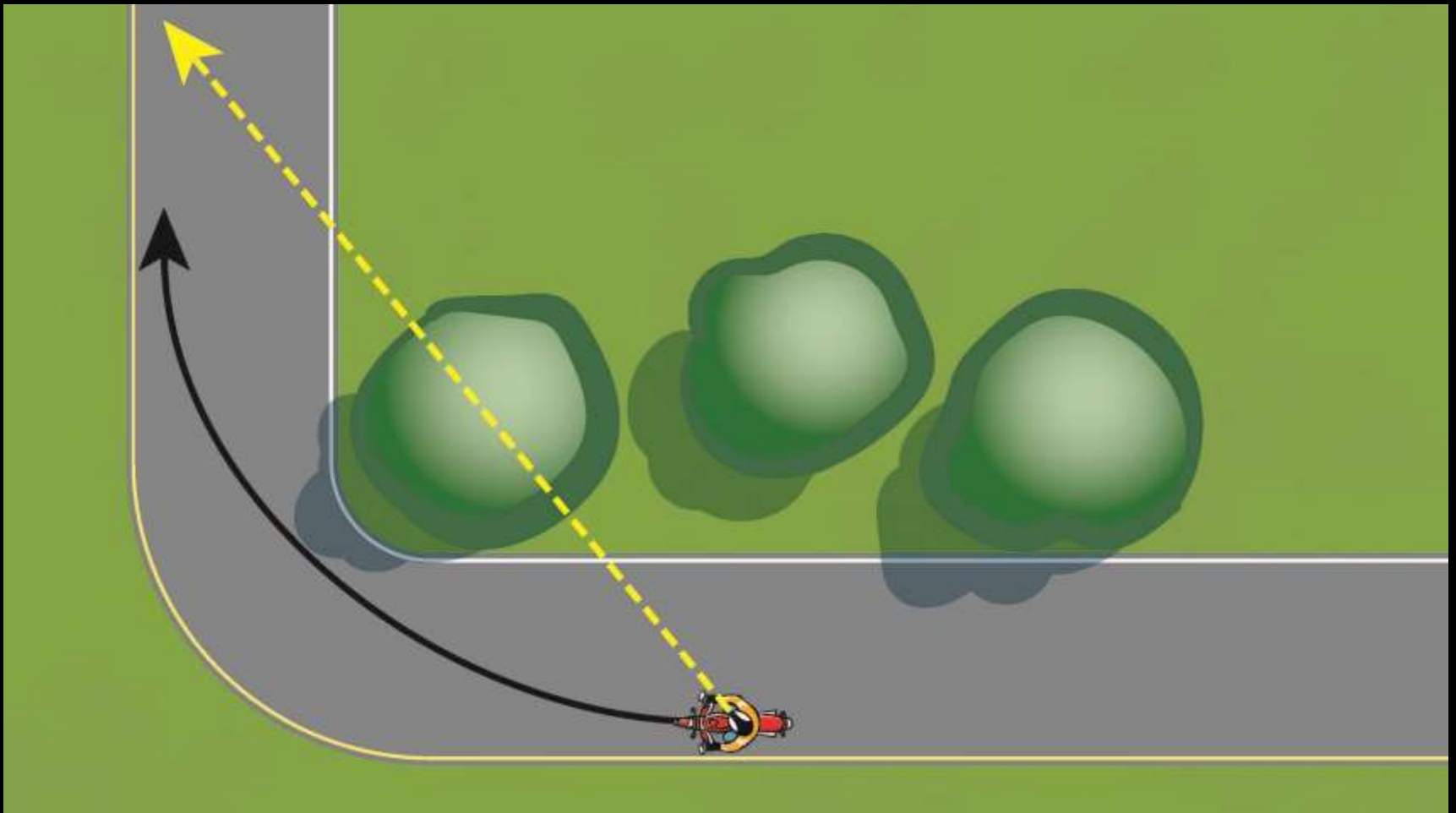
Standard Curve



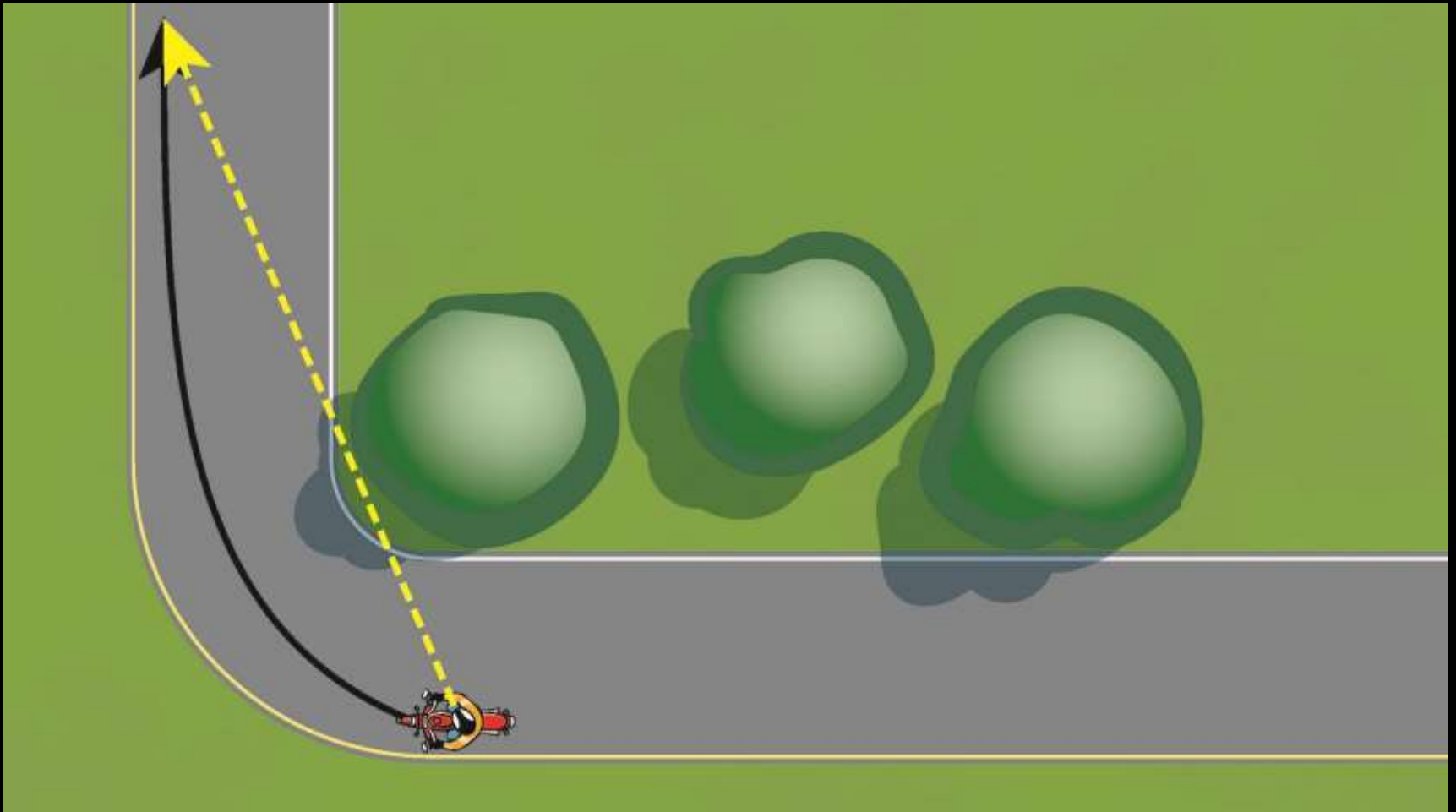
Outside-Inside-Outside



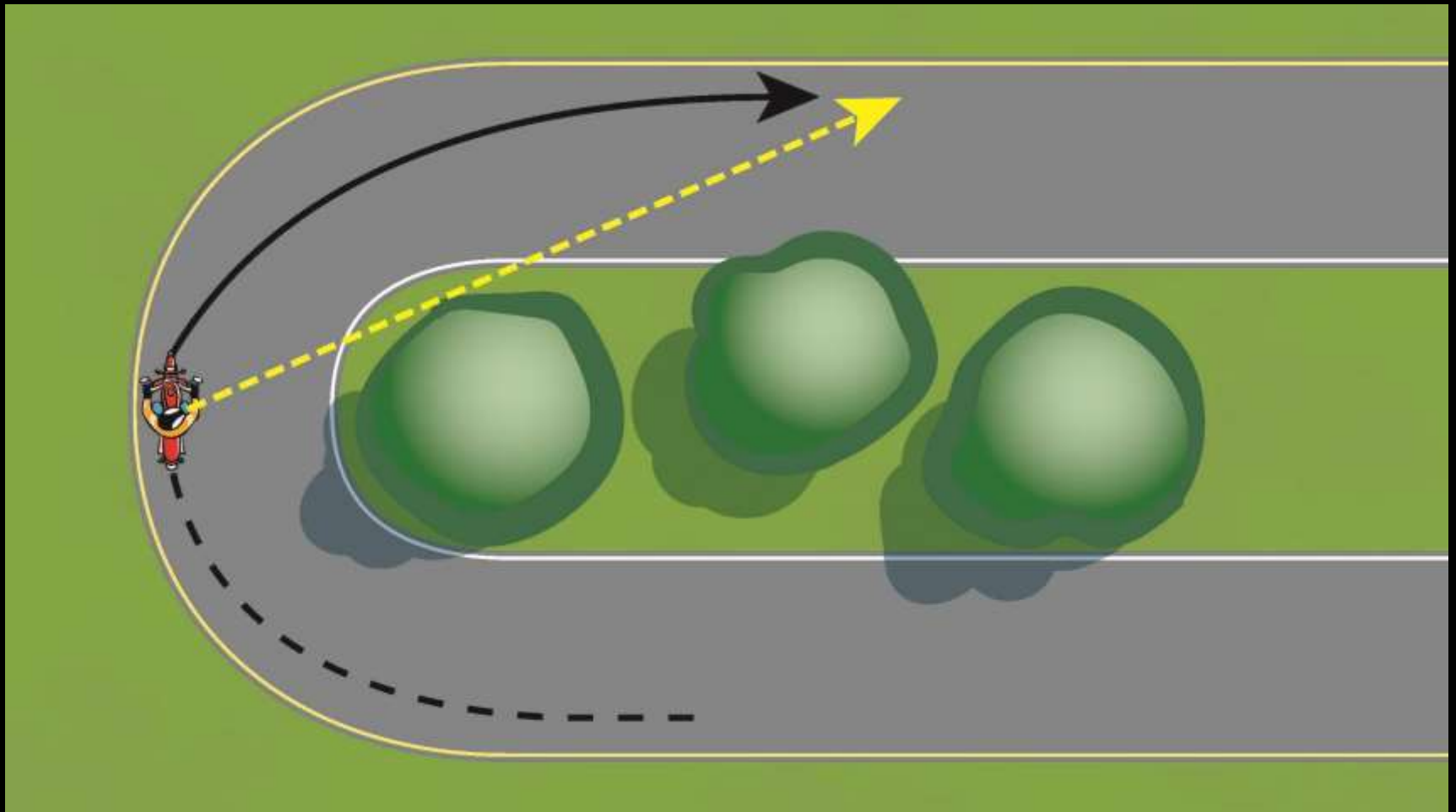
Blind Curves



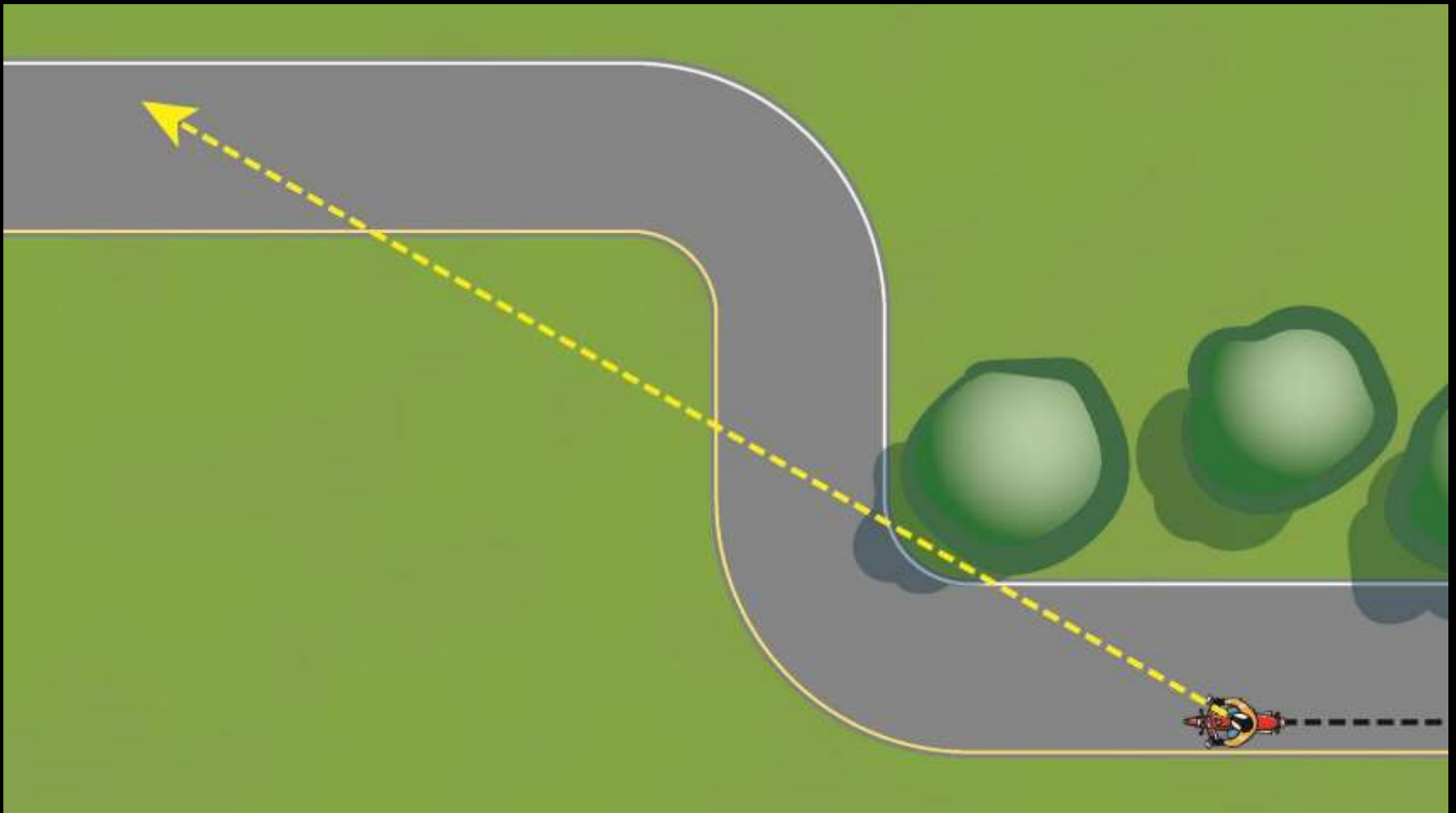
Blind Curves



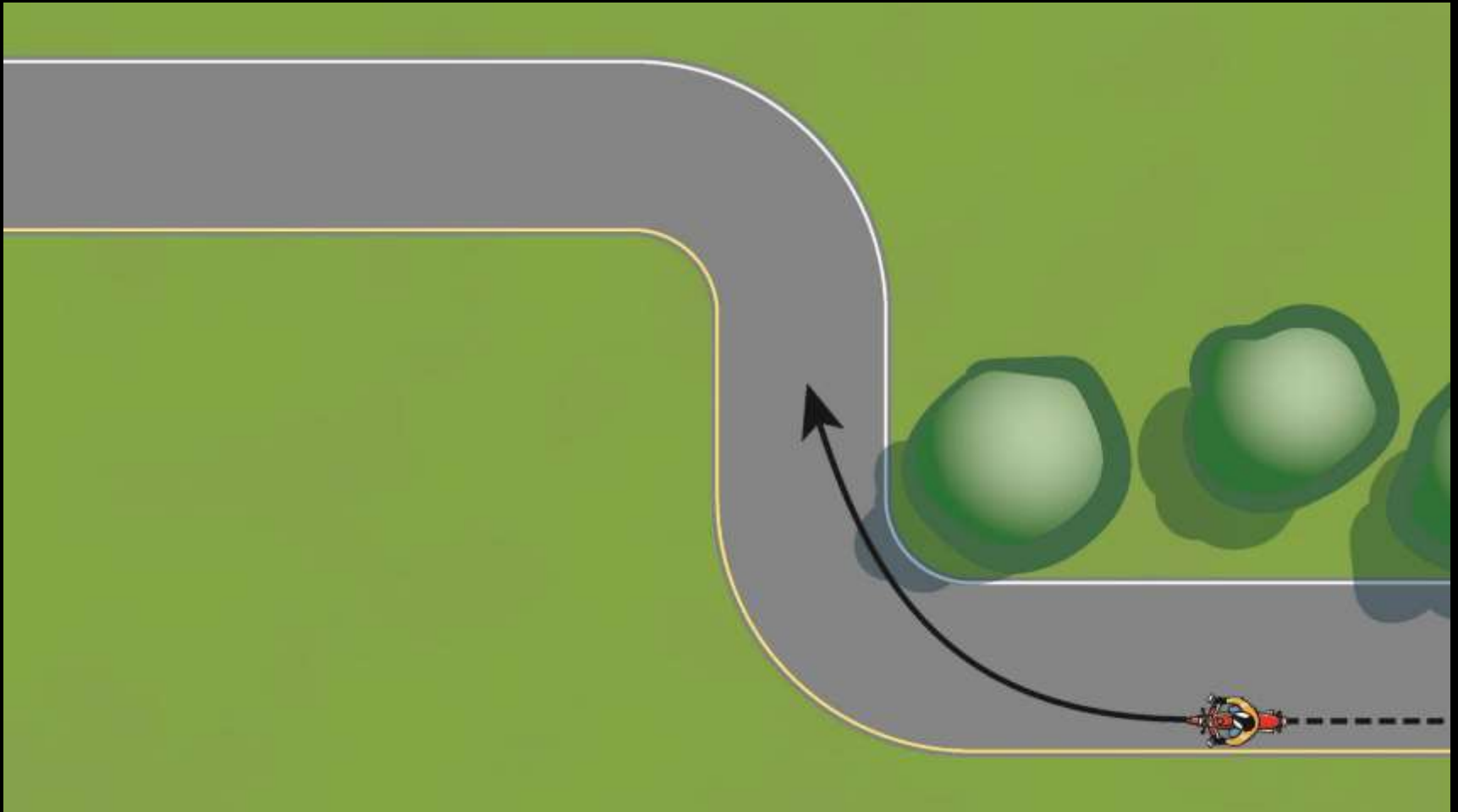
Decreasing-Radius Curves



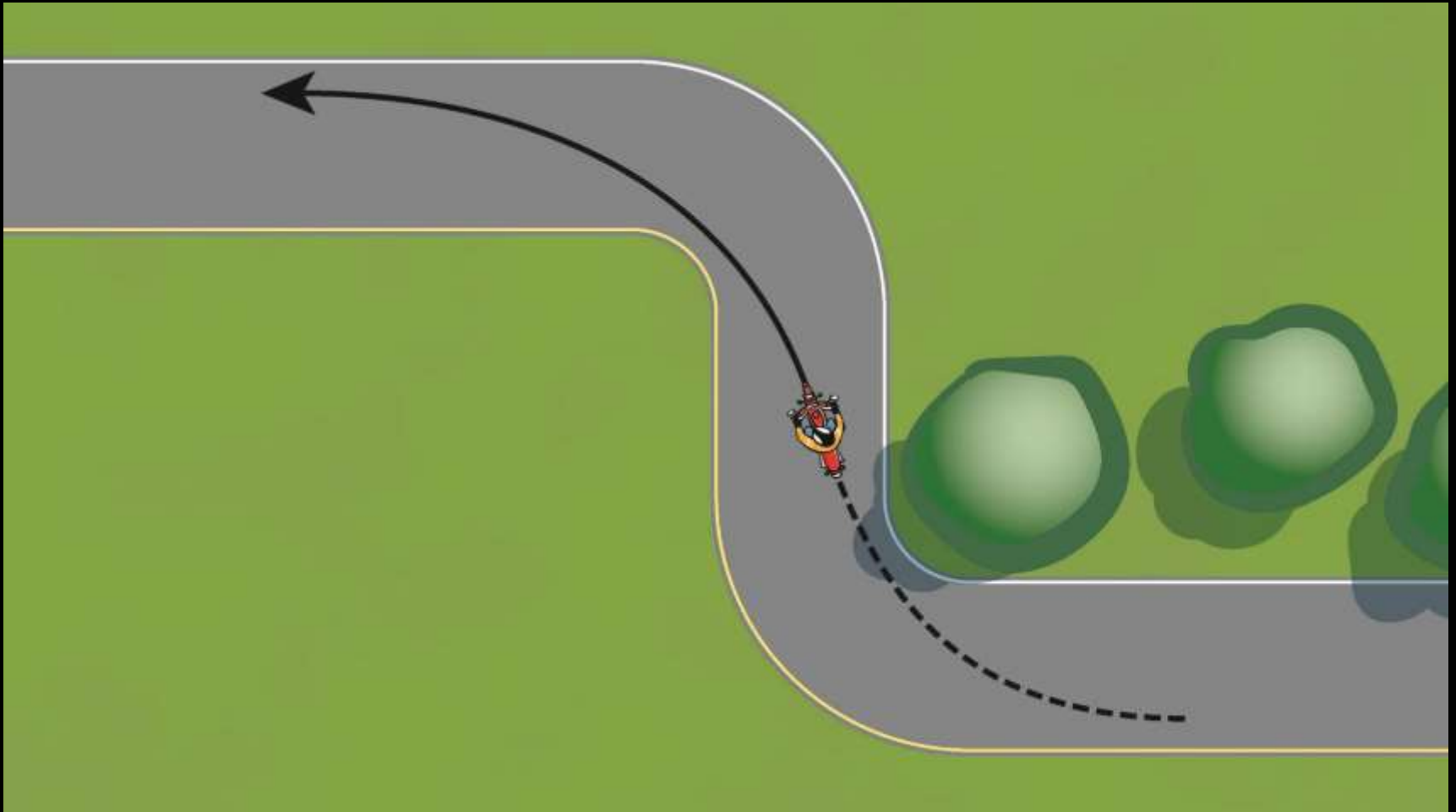
Linked Curves



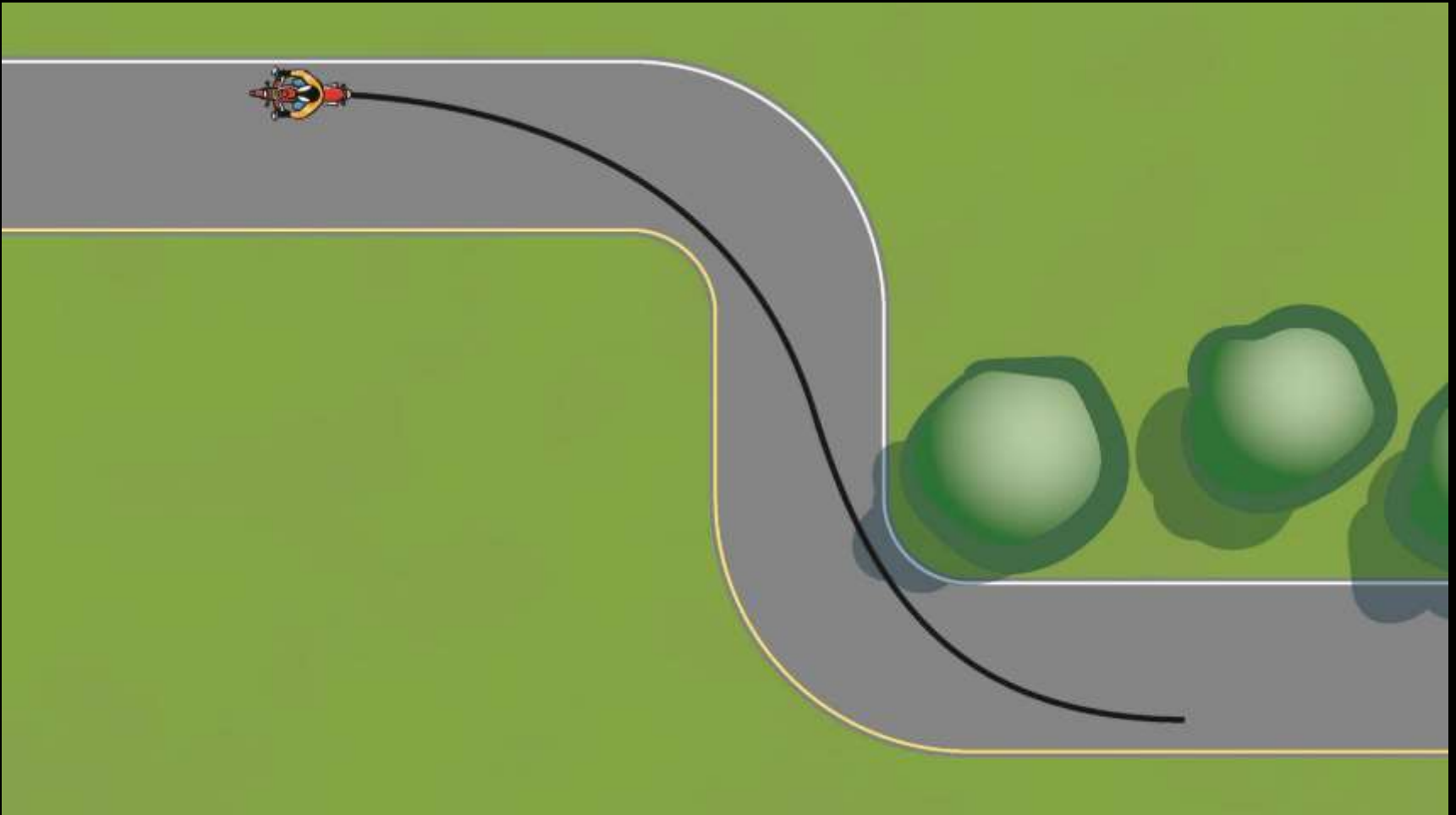
Linked Curves



Linked Curves



Linked Curves



...

Cornering Review

1. *The leading cause of single-vehicle crashes: **Failure to negotiate curves.***

...

1. The leading cause of single-vehicle crashes: **Failure to negotiate curves.**

2. The **four steps of cornering:**

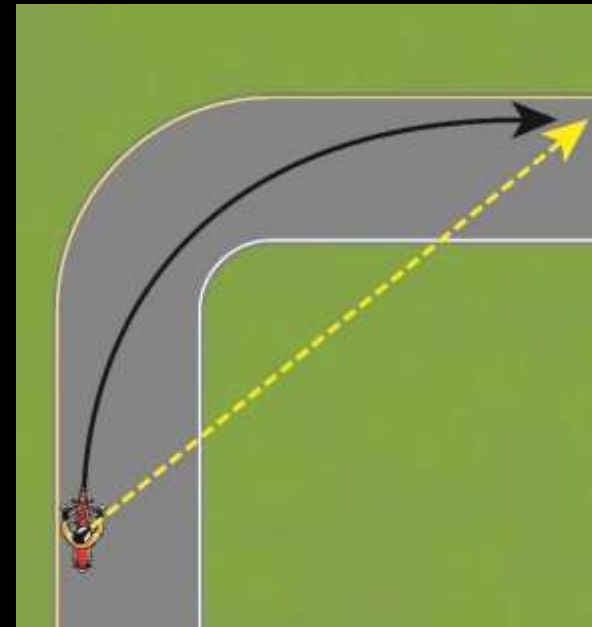
READY	Slow
AIM	Look
FIRE	Roll
	Press

...

1. The leading cause of single-vehicle crashes: **Failure to negotiate curves.**

2. The **four steps of cornering:**

READY	Slow
AIM	Look
FIRE	Roll
	Press



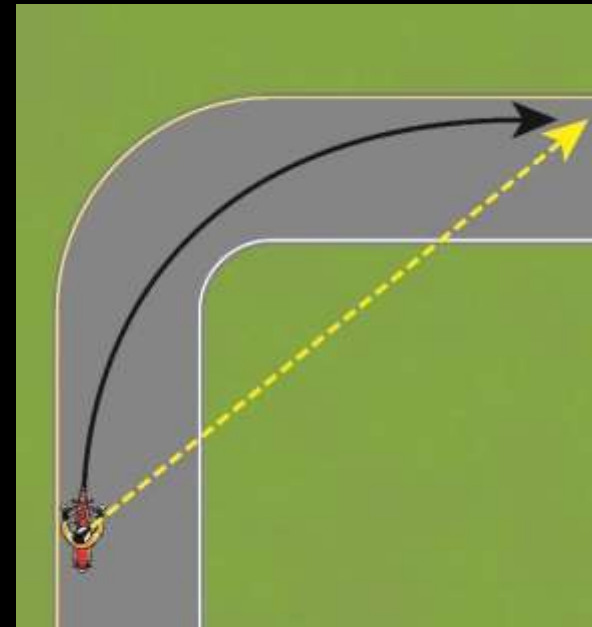
3. The **outside-inside-outside path.**

...

1. The leading cause of single-vehicle crashes: **Failure to negotiate curves.**

2. The **four steps of cornering:**

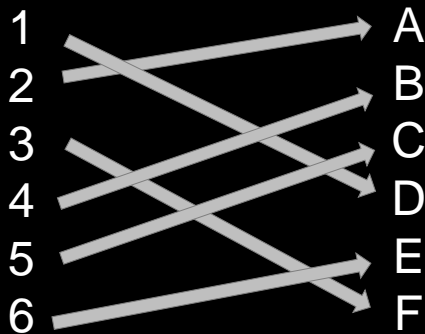
READY	Slow
AIM	Look
FIRE	Roll
	Press



3. The **outside-inside-outside path.**

4. **Problem**

Solution

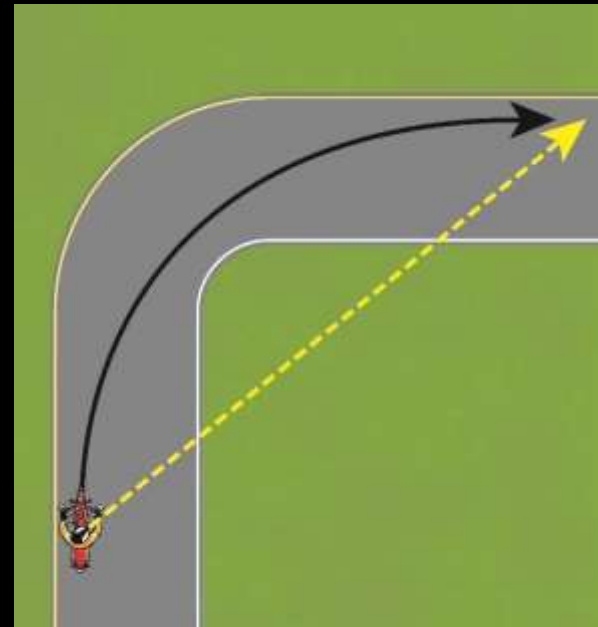


...

1. The leading cause of single-vehicle crashes: **Failure to negotiate curves.**

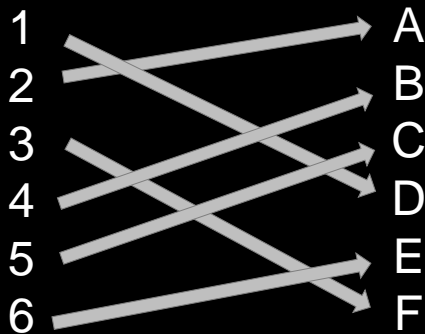
2. The **four steps of cornering:**

READY	Slow
AIM	Look
FIRE	Roll
	Press



3. The **outside-inside-outside path.**

4. **Problem** **Solution**



5. When should you turn your head for a corner? **Before you lean the bike.**

Video: Stopping Quickly



Apply Both Brakes Fully

Front

Smooth
progressive
squeeze



Rear

Light pressure



Firm, Progressive Squeeze



Video: Stopping Quickly in Curves



Swerving



Look to Escape Route



Press Handgrip Firmly



Press Opposite Handgrip



Riding in the Rain



Gravel and Sand



...

Gravel and Sand



...

Gravel and Sand

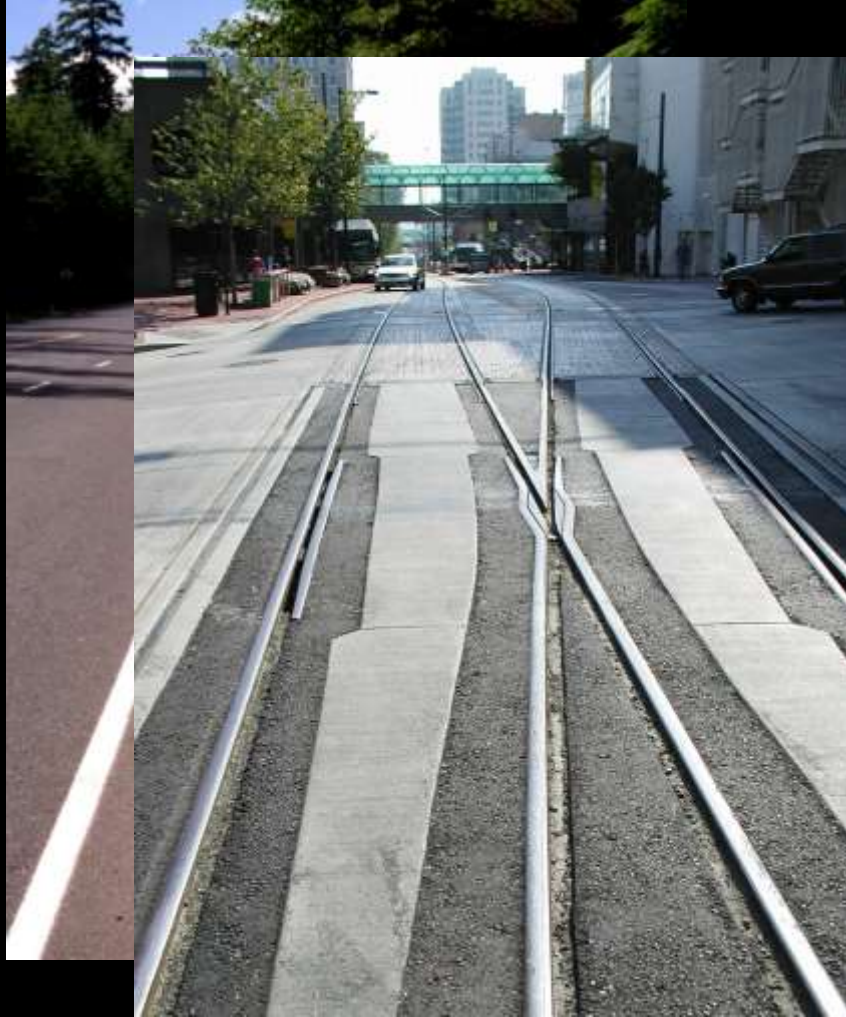


Edge Traps



...

Edge Traps



...

Edge Traps



Wet Surfaces



...

Wet Surfaces

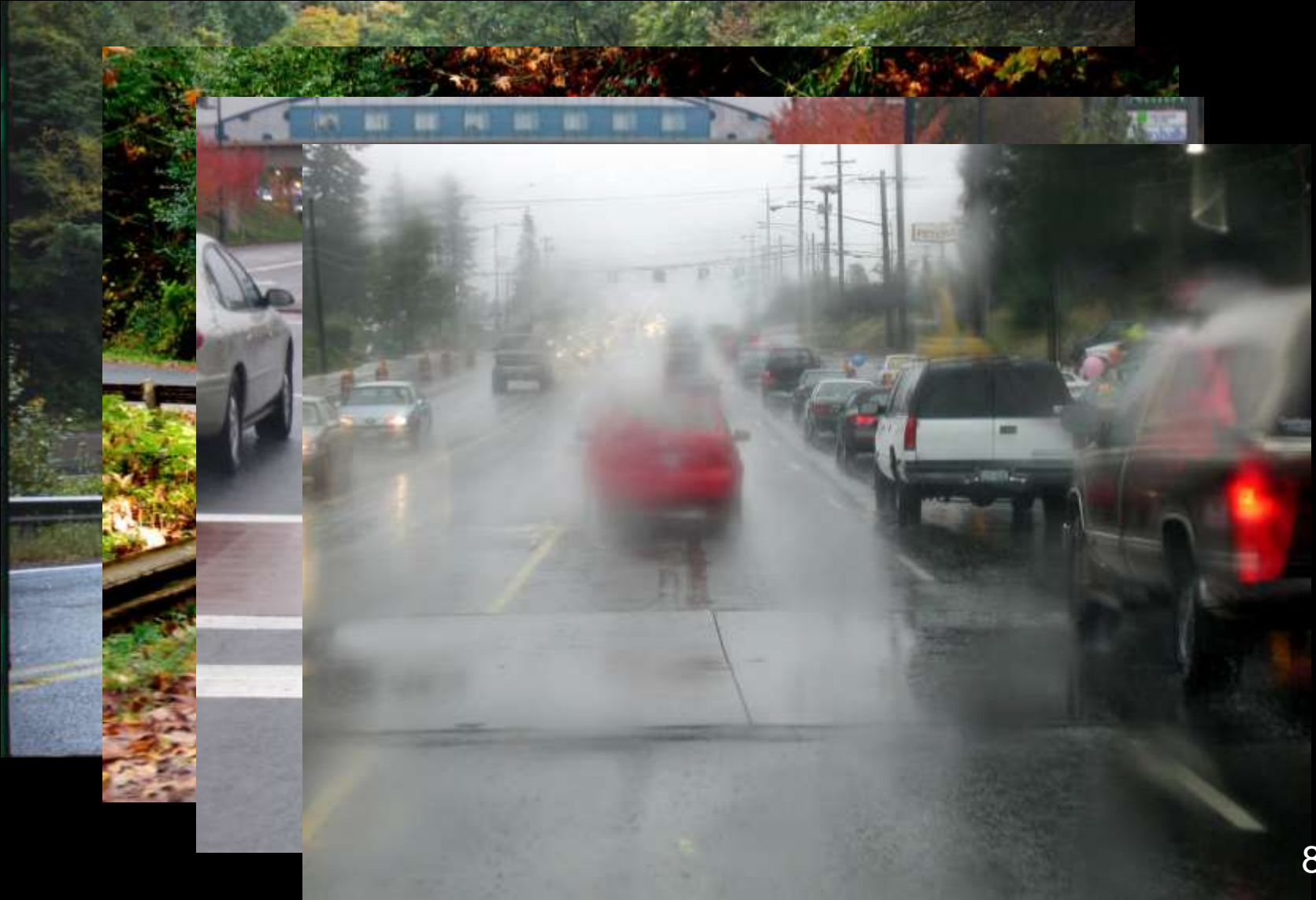


...

Wet Surfaces



Wet Surfaces



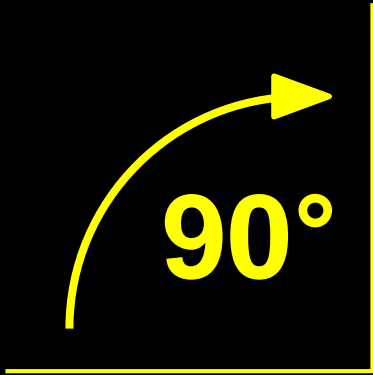
Surface Hazard Strategy

Choose path, then
keep eyes up

Reduce lean/angle (90°)

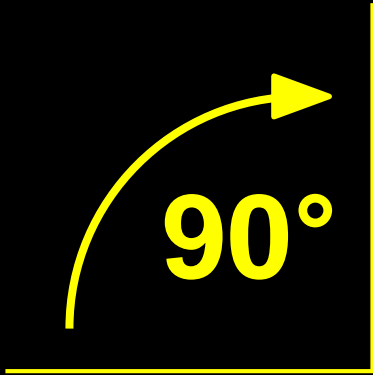
Be smooth on controls

Reduce Lean

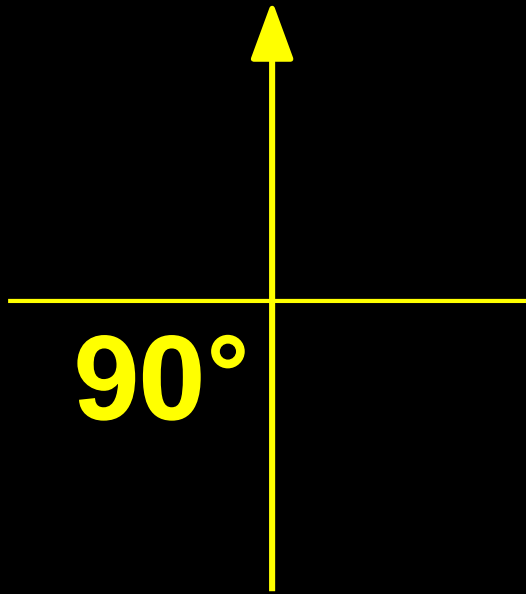


...

Reduce Lean

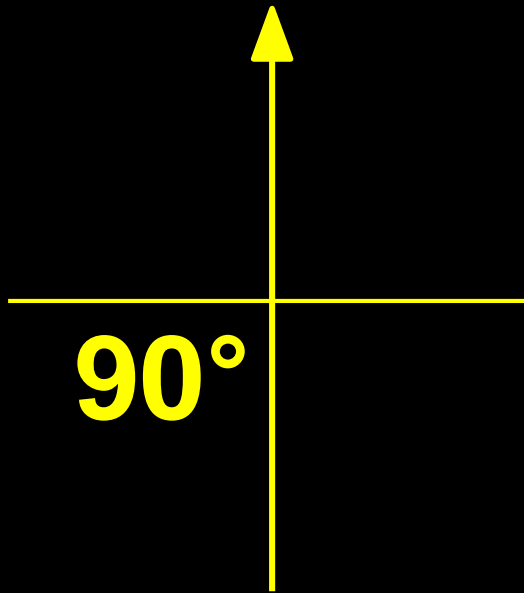


Cross at 90° Angle



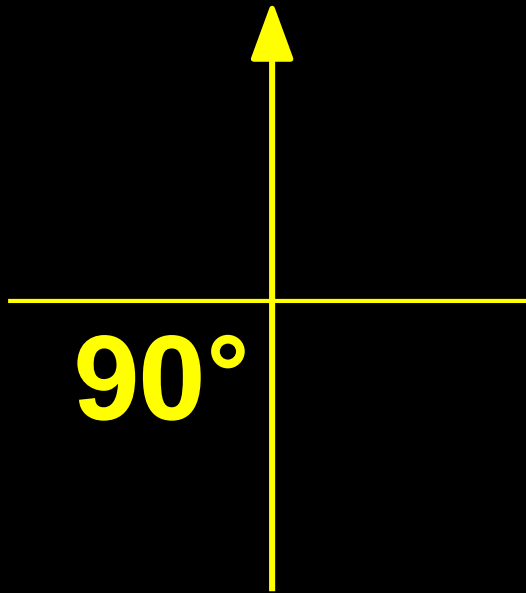
...

Cross at 90° Angle

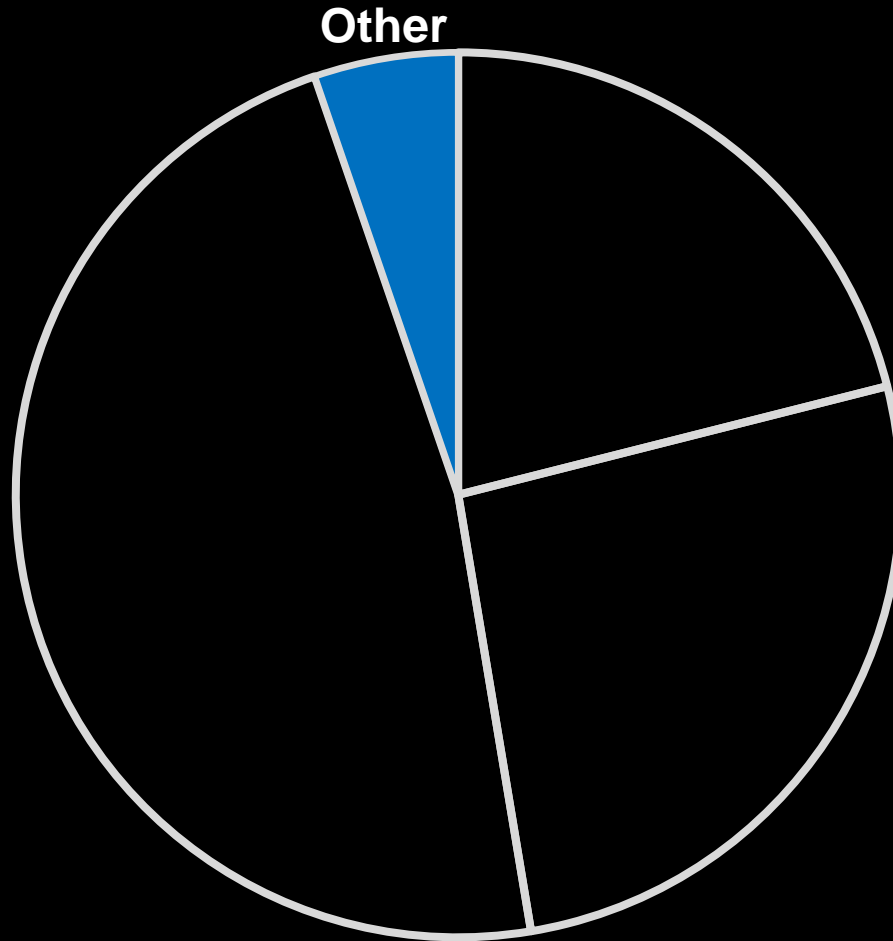


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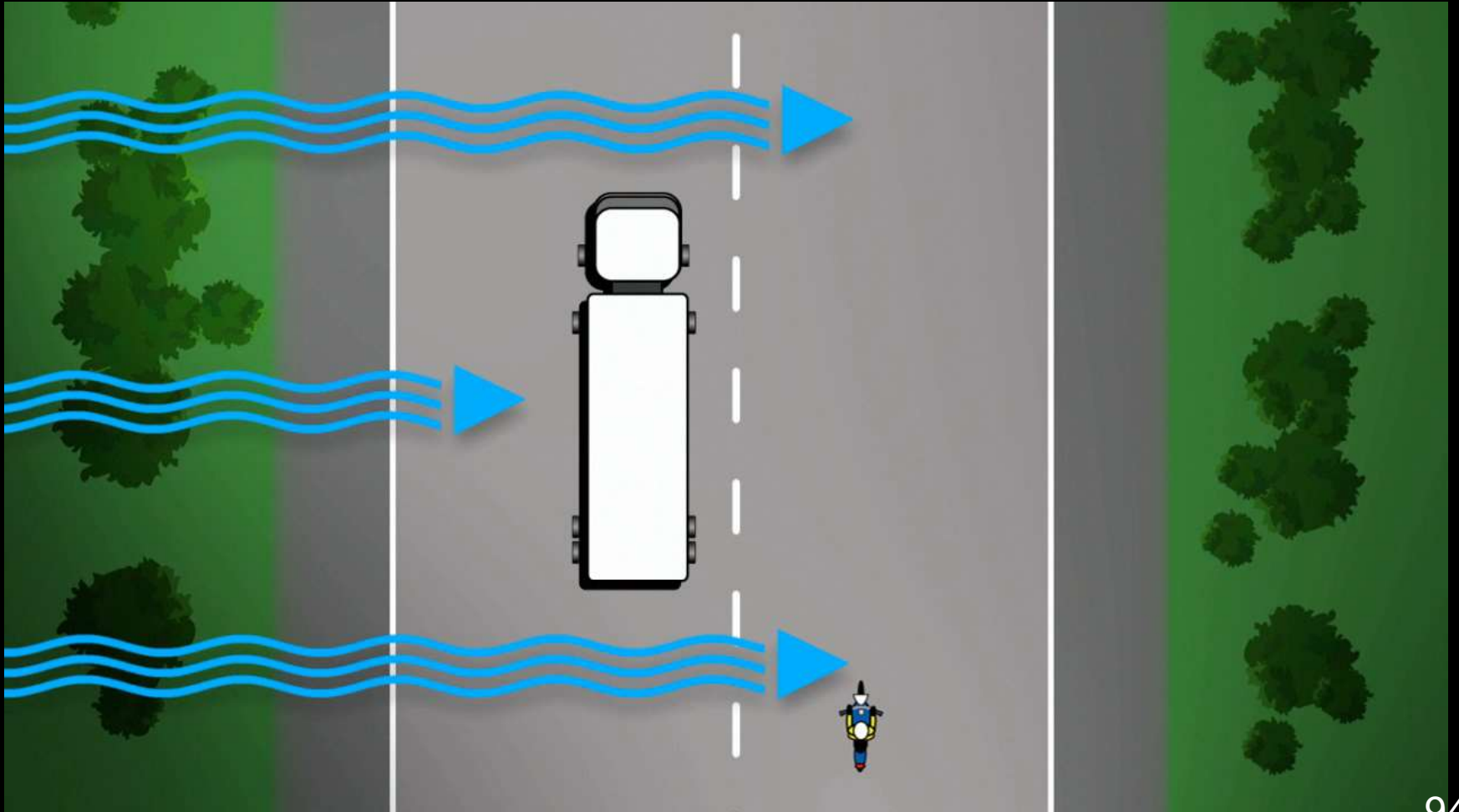
Cross at 90° Angle



Crash Causation Factors



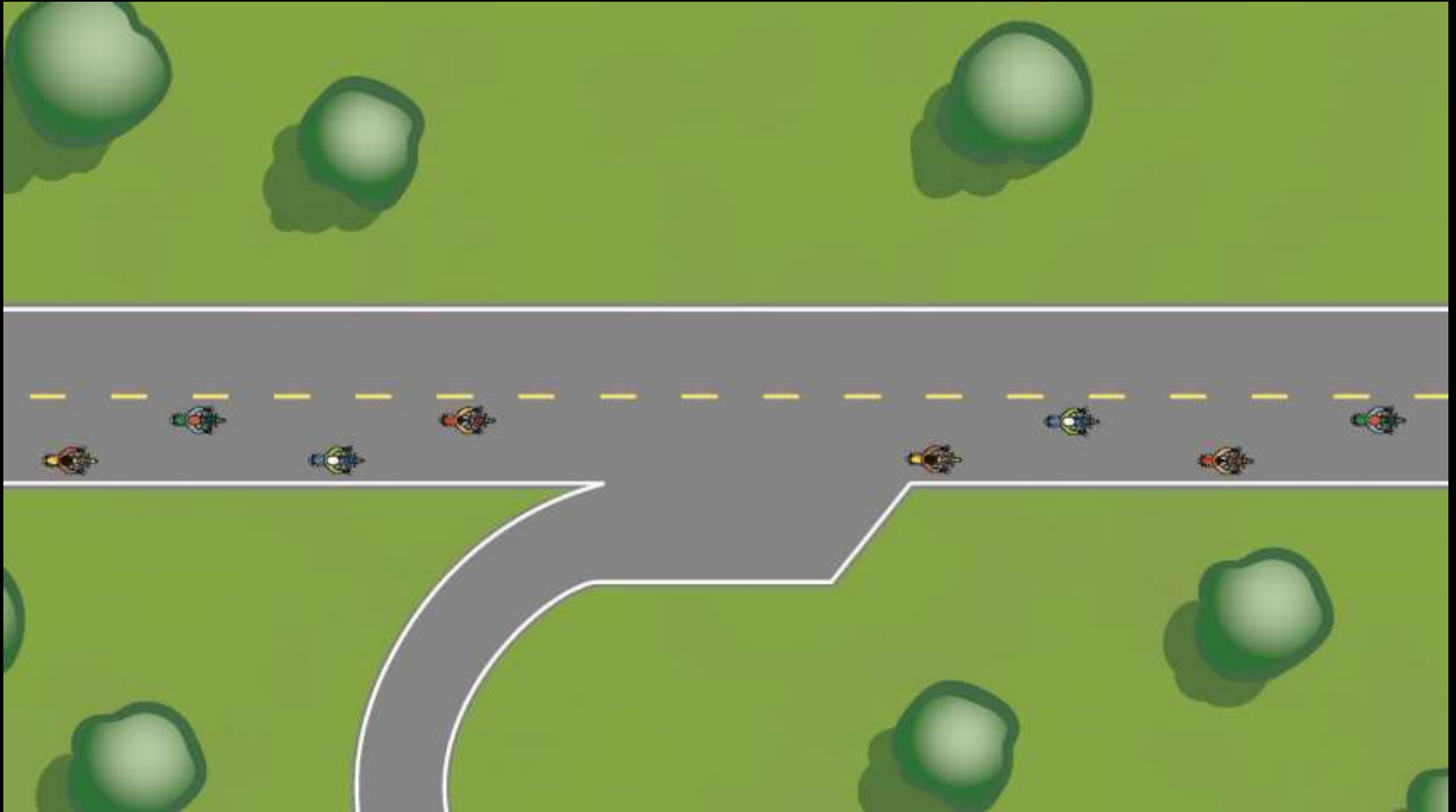
Wind



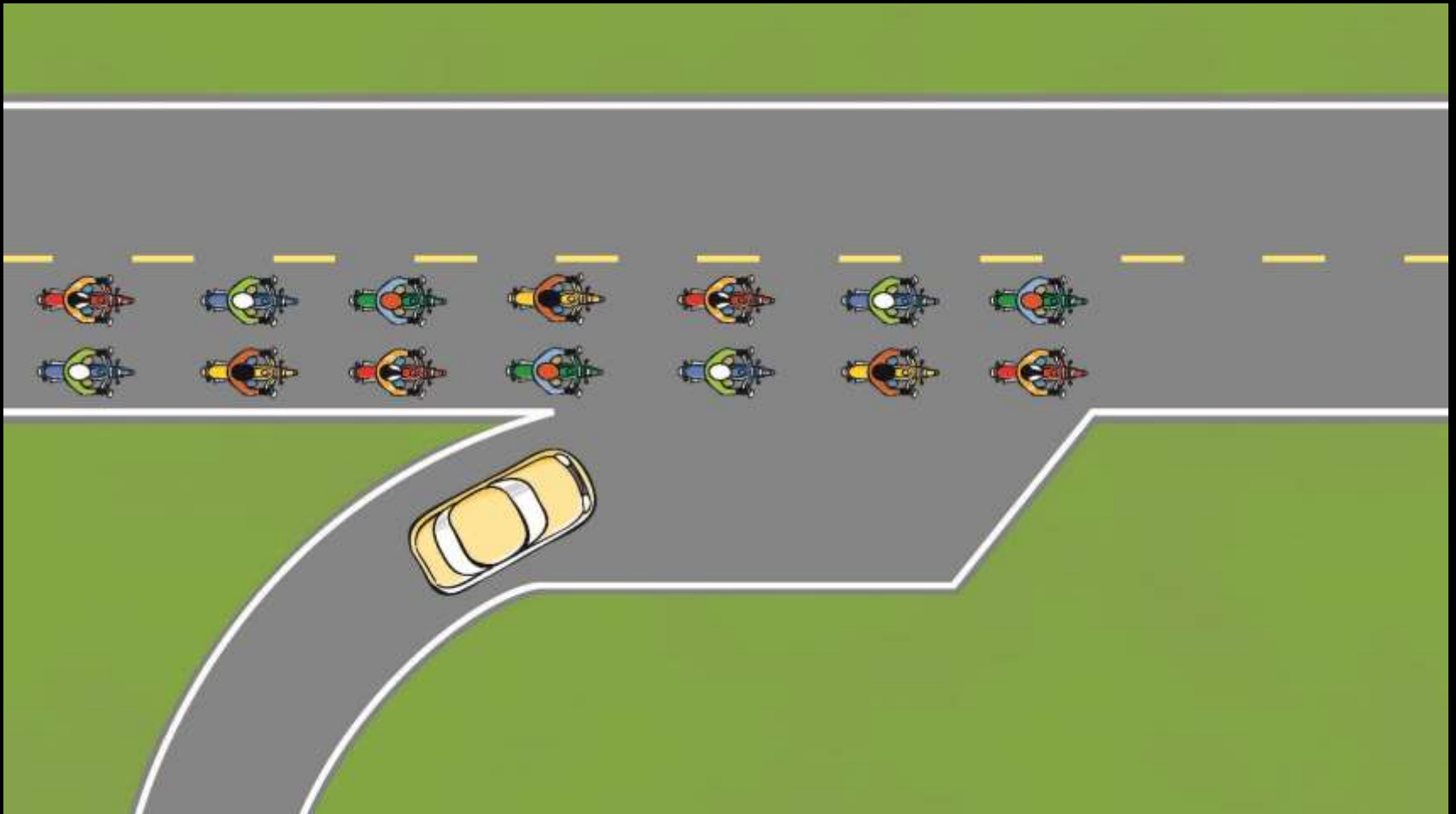
Video Clip: *YouTube*



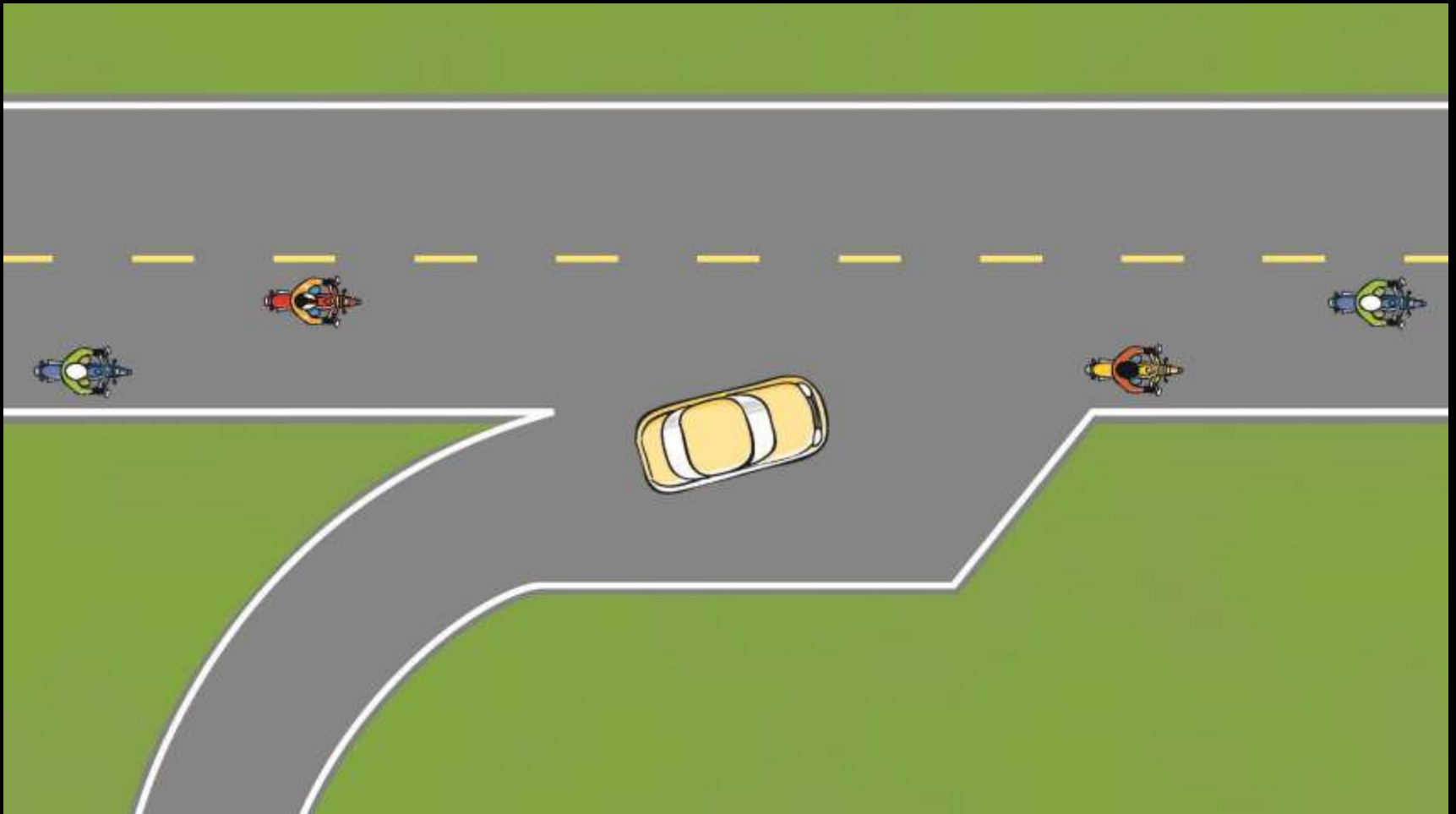
Staggered Formation



Poor Riding Formation



Better Riding Formation



Impairment Defined:

Any mental or physical condition that affects motor skills, vision, judgment or attention.

Field Sobriety Testing

Measures of Impairment

...



Image courtesy NorthEscambie.com.

Field Sobriety Testing

Measures of Impairment

Impaired judgment

...



Image courtesy NorthEscambie.com.

Field Sobriety Testing

Measures of Impairment

Impaired judgment

Divided attention

...



Image courtesy NorthEscambie.com.

Field Sobriety Testing

Measures of Impairment

Impaired judgment

Divided attention

Impaired vision

...



Image courtesy NorthEscambie.com.

Field Sobriety Testing

Measures of Impairment

Impaired judgment

Divided attention

Impaired vision

Coordination and Balance

...



Image courtesy NorthEscambie.com.

Field Sobriety Testing

Measures of Impairment

Impaired judgment

Divided attention

Impaired vision

Coordination and Balance

Blood alcohol concentration

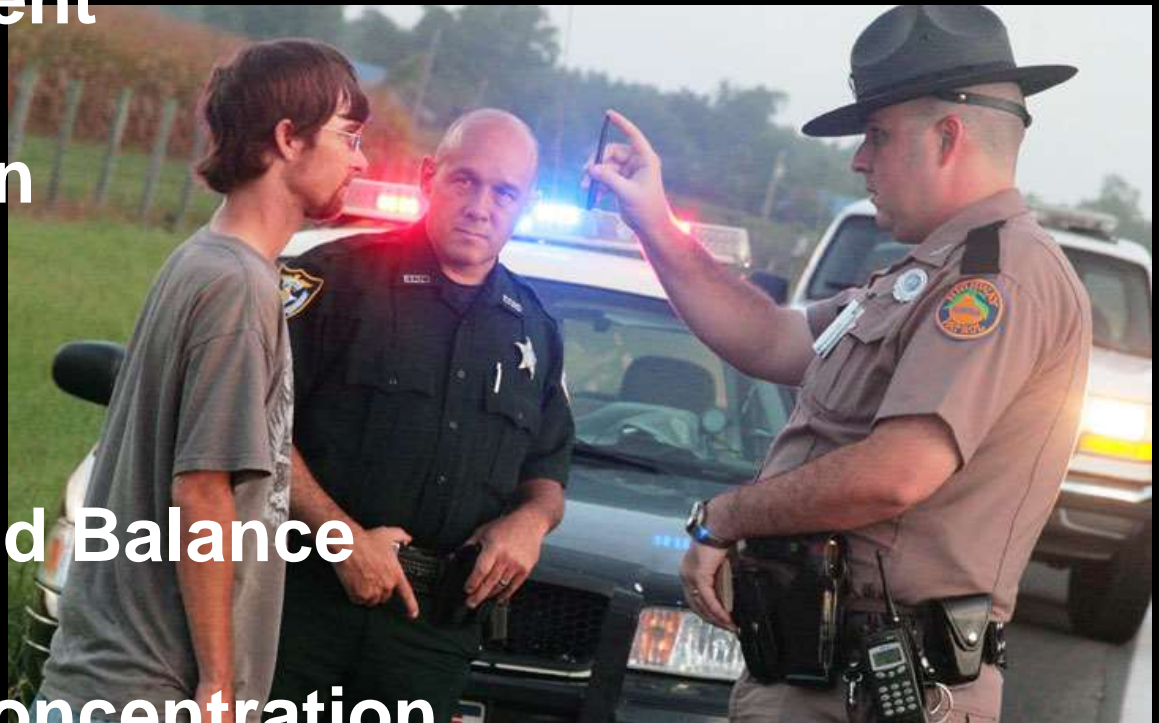


Image courtesy NorthEscambie.com.

SIPDE Under Siege

S I P D E

...

SIPDE Under Siege

S I P D E
...

SIPDE Under Siege

S I P D E
...

SIPDE Under Siege

S I P D E

SIPDE and Marijuana

S I P D E

...

SIPDE and Marijuana

S I P D E
...

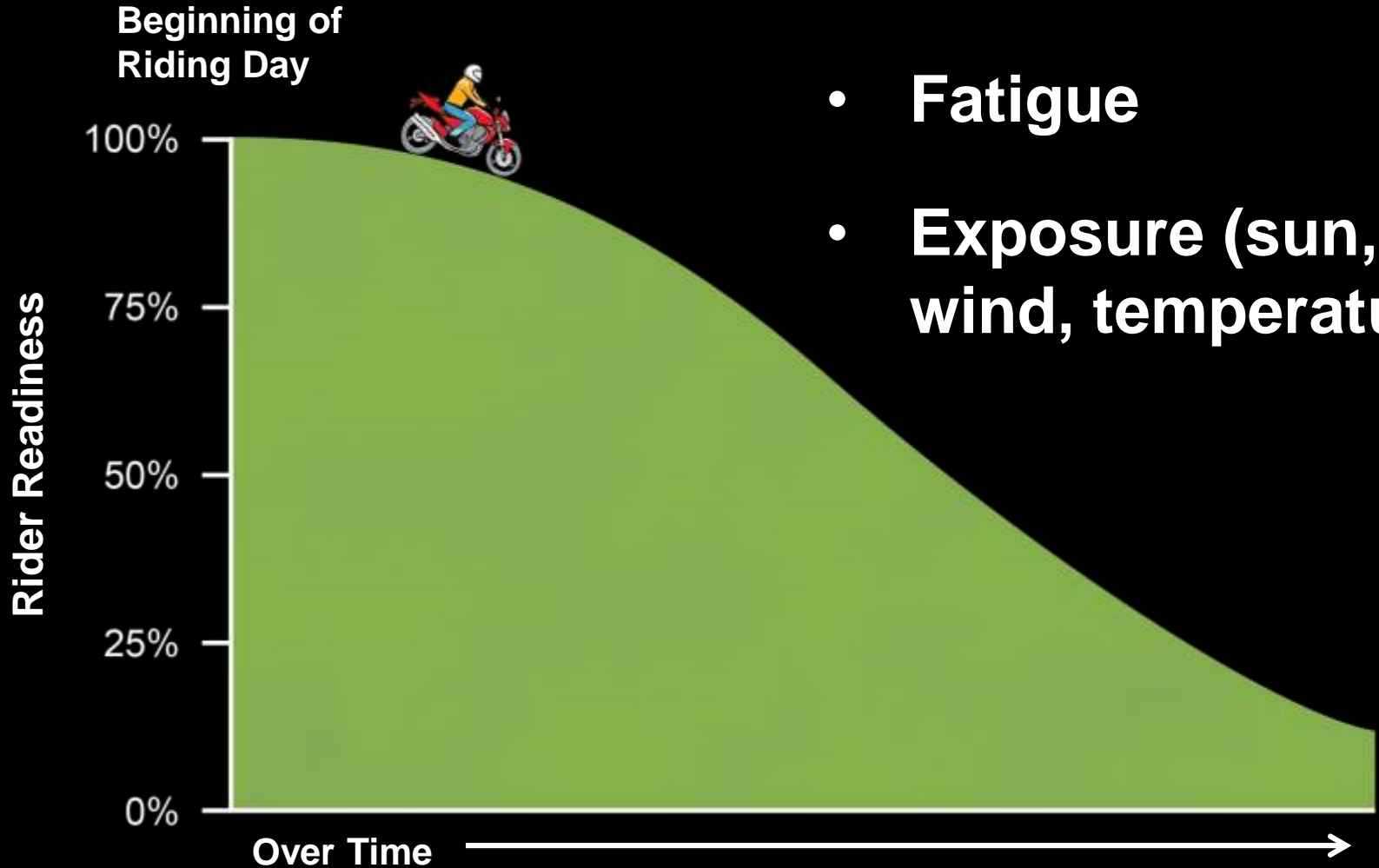
SIPDE and Marijuana

S I P D E
...

SIPDE and Marijuana

S I P D E

Pathway to Impairment



- **Fatigue**
- **Exposure (sun, wind, temperature)**

Looking Ahead

- **Distraction**
- **Emotion**
- **Peer pressure**
- **Medications**
- **Health conditions**
- **Aging**



Assess Before You Ride

- **Distraction**
- **Emotion**
- **Peer pressure**
- **Medications**
- **Health conditions**
- **Aging**

Rider Readiness Checklist

- ✓ **Physically: Rested and able**
- ✓ **Mentally: Prepared and attentive**
- ✓ **Judgment: Unimpaired**
- ✓ **Clothing: All the gear, every time**
- ✓ **Conditions: Weather, roadway, traffic**
- ✓ **Motorcycle: Fueled and serviced**

Don't Bite Off Too Much



Long-Distance



Passengers



Group Rides

...

Don't Bite Off Too Much



Long-Distance



Passengers



Group Rides

Range Rules

- 1. Wear all protective gear when seated on the motorcycle.**
- 2. On the range, cover the clutch lever with four fingers at all times – this enables you to immediately remove power from the rear wheel, if necessary.**
- 3. Keep your throttle hand in a low wrist position with four fingers around the handgrip.**
- 4. On the range, do not “cover” the front brake while moving forward. Keep all four fingers wrapped around the throttle unless using the front brake.**

...

Range Rules

5. Always check all around you before moving.
6. Don't crowd other riders – leave plenty of space between you and them.
7. Do not pass unless instructed to do so.
8. Use the engine cut-off switch to stop the engine, and then turn off the ignition key.

...

Range Rules

9. **If you have a problem, move out of the way, stop, and signal your instructor.**
10. **If you don't understand an exercise, ask your instructor for clarification.**
11. **If you have a health concern or disability, please see one of your instructors.**
12. **Riding a motorcycle can be dangerous. It is your responsibility to stop training if you feel uncomfortable, unsafe, unable to concentrate, unable to follow directions, fatigued, or pushed beyond your limits.**

