

PENN STATE STUDY QUANTITATIVELY DEMONSTRATES FLARES DRAMATICALLY INCREASE THE SAFETY ZONE

Flares Cause 16% Reduction in Speed

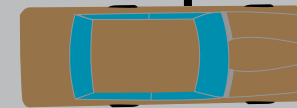
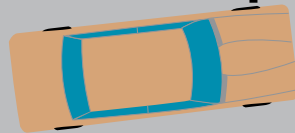
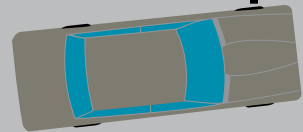
- Earlier perception of emergency ahead
- Increased braking distance
- Dramatic expansion in depth of safety zone

Flares Cause 85% Increased Lateral Separation

- Gets passing traffic farther from emergency scene

Flares Cause 89% Right Lane Volume Reduction

- Creates better visibility around emergency scene
- Dramatic lateral expansion of safety zone



FLARE SAFETY ZONE

NO FLARE SAFETY ZONE

- Safety response in passing traffic improves as more flares are deployed

- Use of road flares with police cruiser light bar activated maximizes safety zone

- Increasing the safety zone will save lives...maybe yours!

For a copy of the complete study visit our website at www.orionsignals.com or call 1-800-637-7807