

Mayor's Task Force on Pedestrian Safety

July 21, 2015



Trent Brooks, P.E.
Central District Traffic Engineer

MoDOT's Mission

Our mission is to provide a world-class transportation experience that delights our customers and promotes a prosperous Missouri.

MoDOT & Non-Motorized Facilities

MoDOT values the needs of all transportation users, including pedestrians and bicyclists'.

Safe, convenient and well-designed transportation, including pedestrian and bicycle, facilities are essential to Missouri communities.

Pedestrian and bicyclists' safety needs to be considered on every MoDOT project

MoDOT's Guidance Documents

MoDOT's Engineering Policy Guide (EPG)

2009 Manual on Uniform Traffic Control Devices
(MUTCD)

2005 Public Rights of Way Accessibility Guidelines
(PROWAG)

Traffic Engineering Technical Organizations

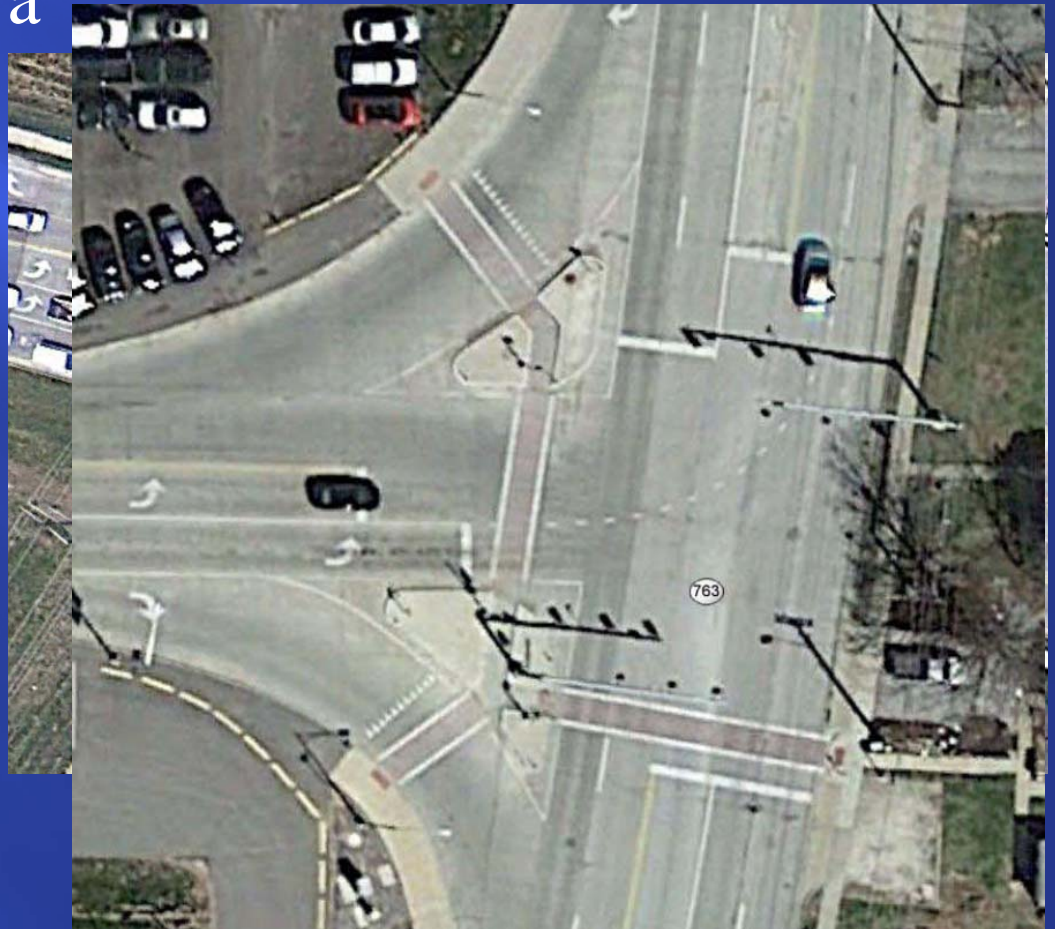
Pedestrian Facilities

Sidewalk/Crosswalk is a lane of Traffic

ADA accommodations needed at both ends

- Sidewalk network preferred

Provide Crossing Location



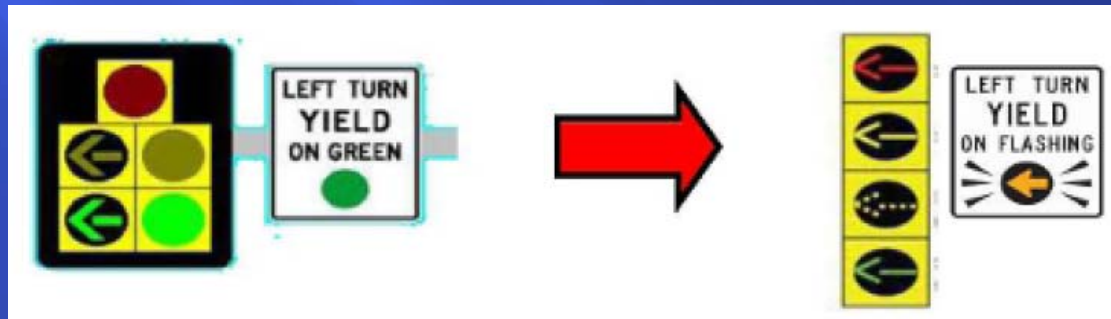
Pedestrian Facilities

Signal Maintenance and Operations

Signals

- Time to cross
- Detection
- Indications

Flashing Yellow Arrow Left Turns



MoDOT's Current Program

2016 – 2020 Statewide Transportation Improvement Program approved July 1, 2015

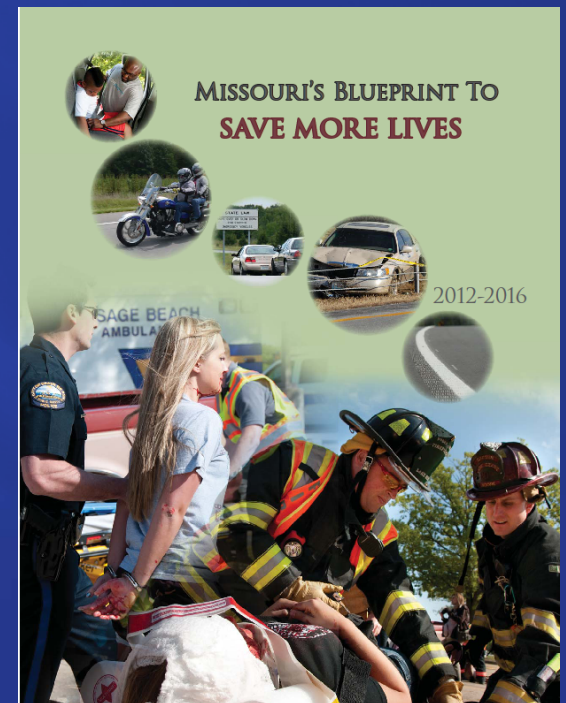
- New projects only on Primary System (Columbia I-70 and US 63)
- No new expansion projects – take care of what we have
- Upgrading non-ADA compliant facilities

Permitted projects that expand the system will require a impact fee to fund future maintenance and operation

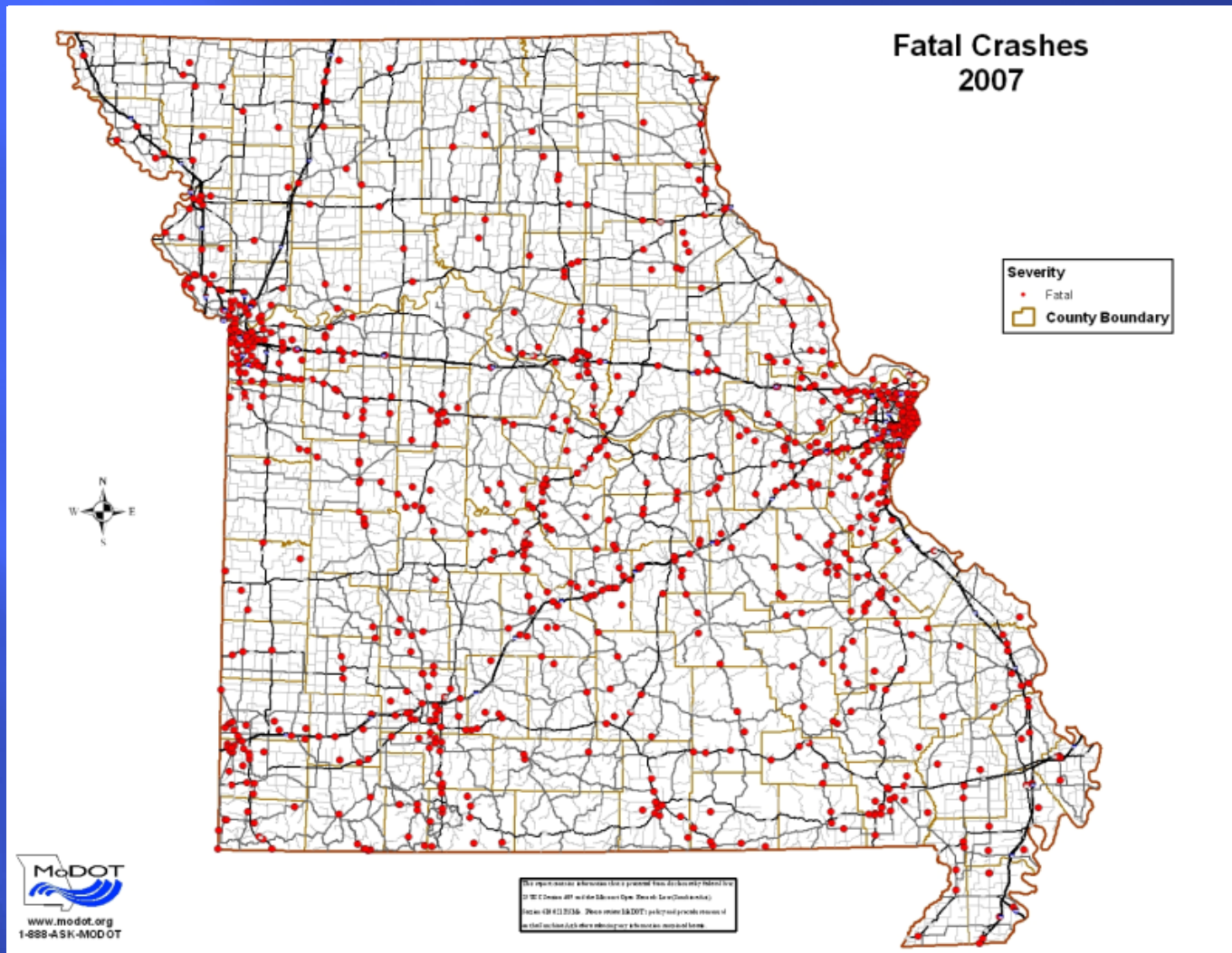
Missouri Blueprint to Save More Lives

Missouri Coalition for Roadway Safety

- Started in 2005
- Mission – System-wide approach
- Current Goal - 700 or FEWER Fatalities by 2016
- Vision – Continuously Moving Missouri Towards Zero Deaths



Crash Locations are Random



Crash Types are Predictable

2006

No Seat Belt

Run Off Road

Aggressive

Curves

Intersection

2007

No Seat Belt

Run Off Road

Aggressive

Curves

Intersection

2008

No Seat Belt

Run Off Road

Aggressive

Curves

Intersection

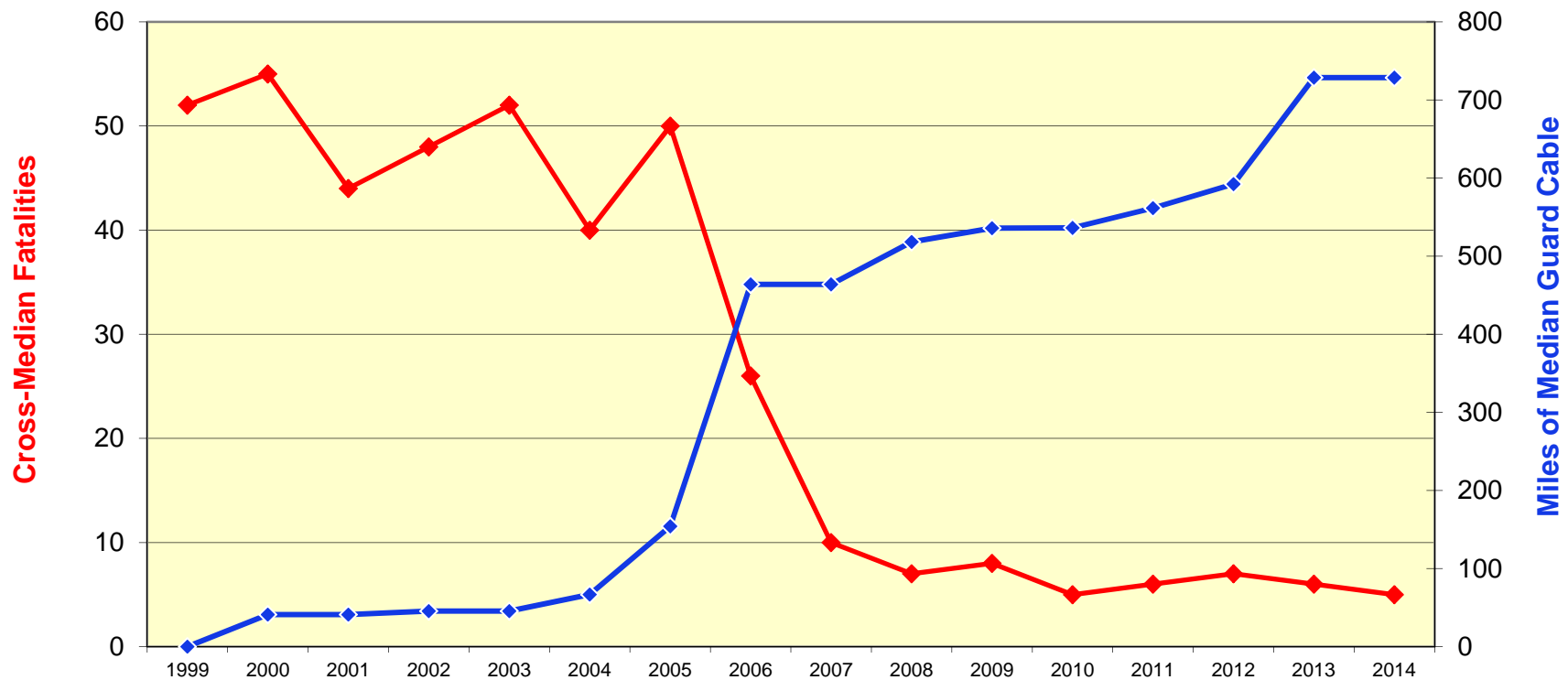
Median Guard Cable

Missouri has installed over 800 miles of median guard cable



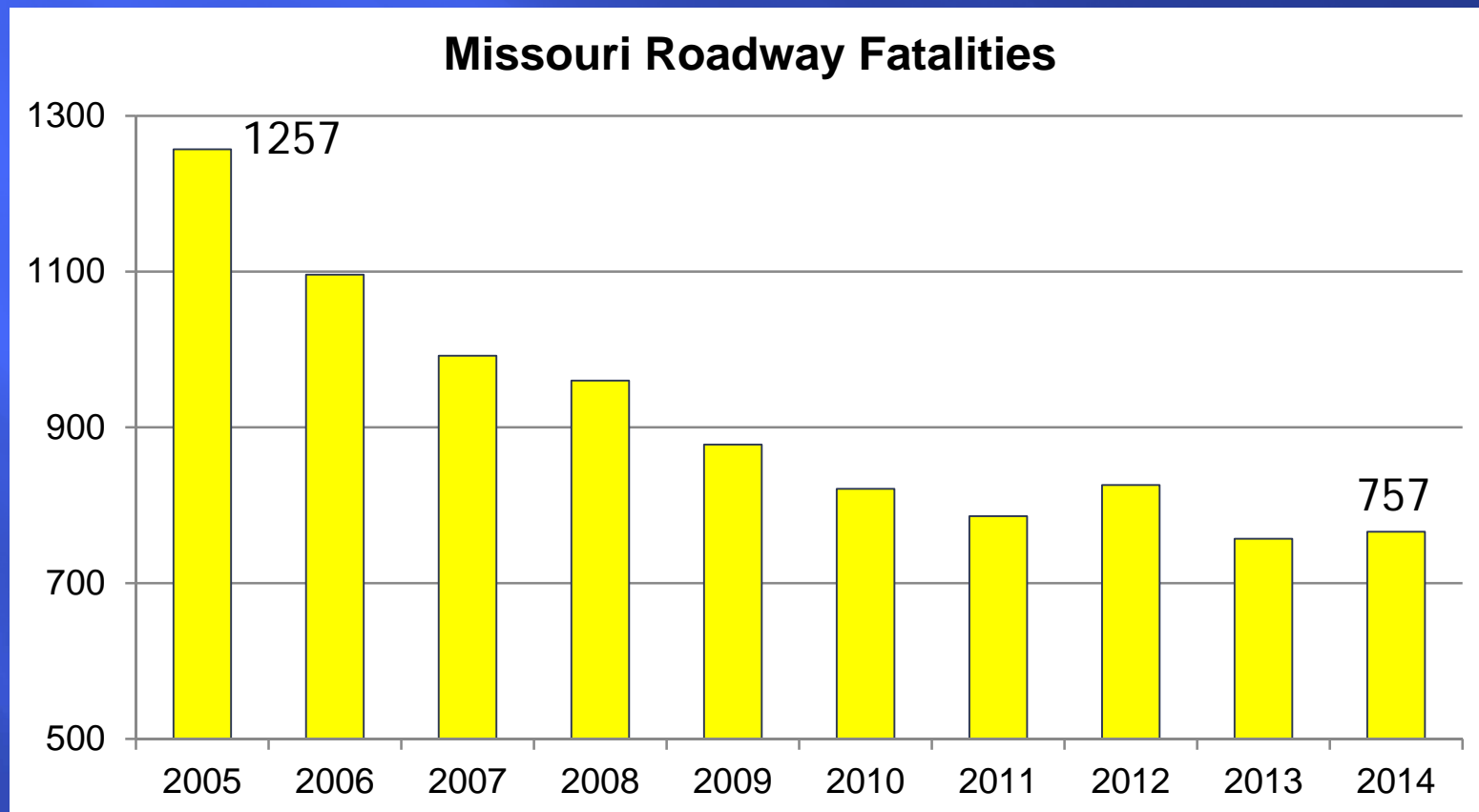
Median Guard Cable

Interstate Cross-Median Fatalities and Median Guard Cable Installation



Missouri Blueprint to Save More Lives

Are system-wide improvements working?



**ARRIVE
ALIVE**
saveMOlives.com

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