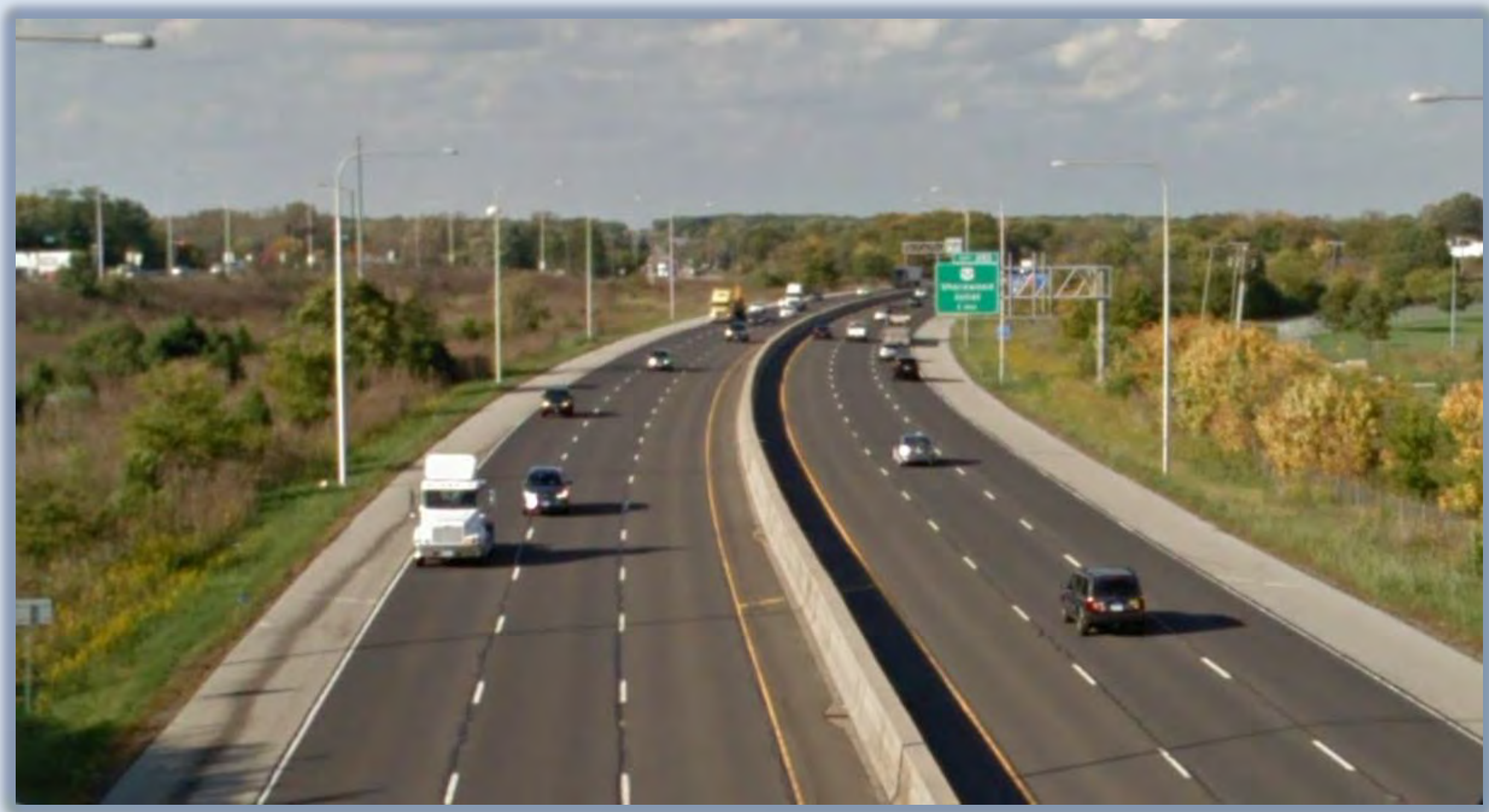




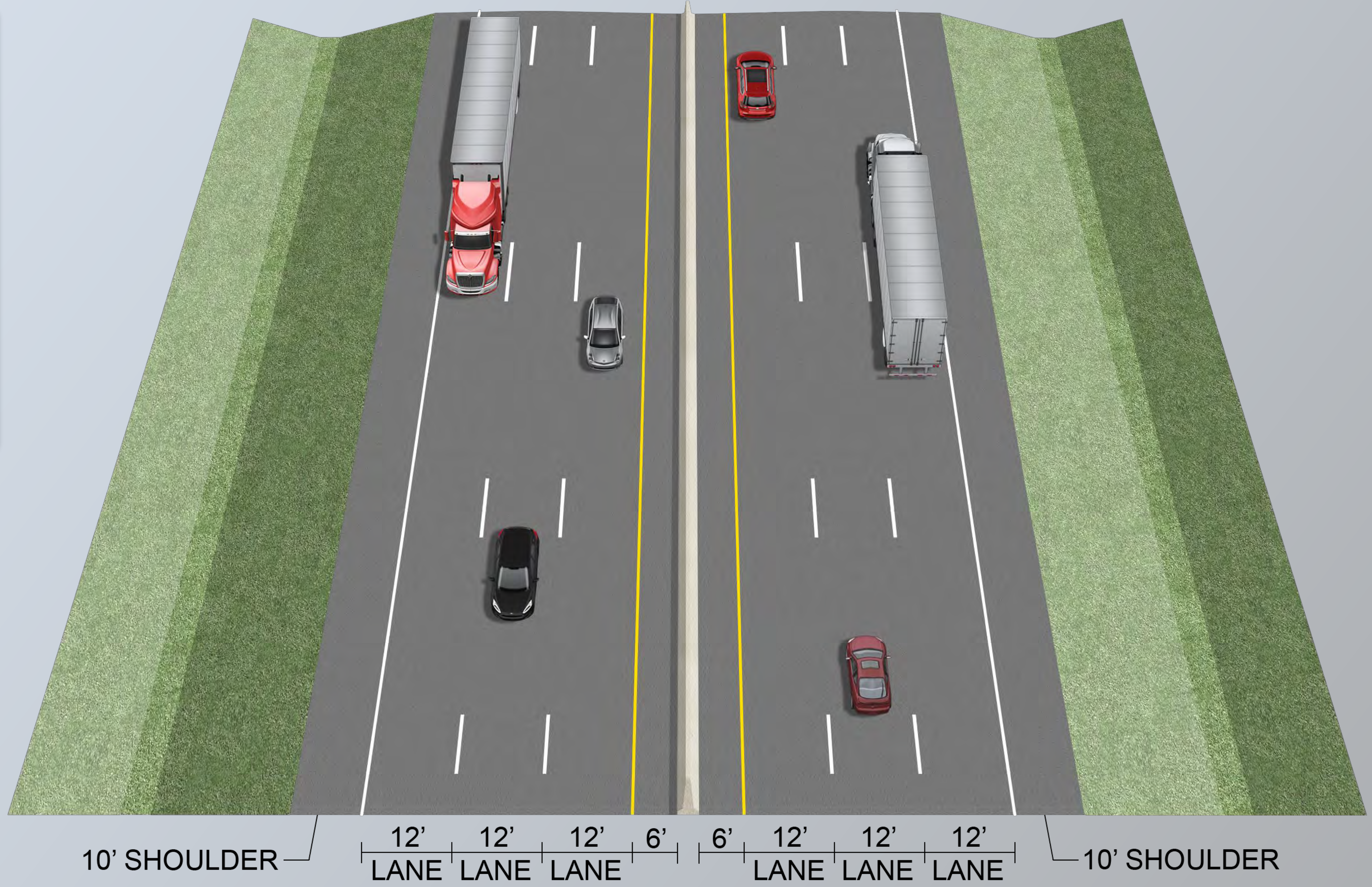
I-55 at IL 59 Access Project



I-55 FROM I-80 TO US 52 TYPICAL CROSS SECTIONS



**EXISTING CONDITIONS
LOOKING NORTH**

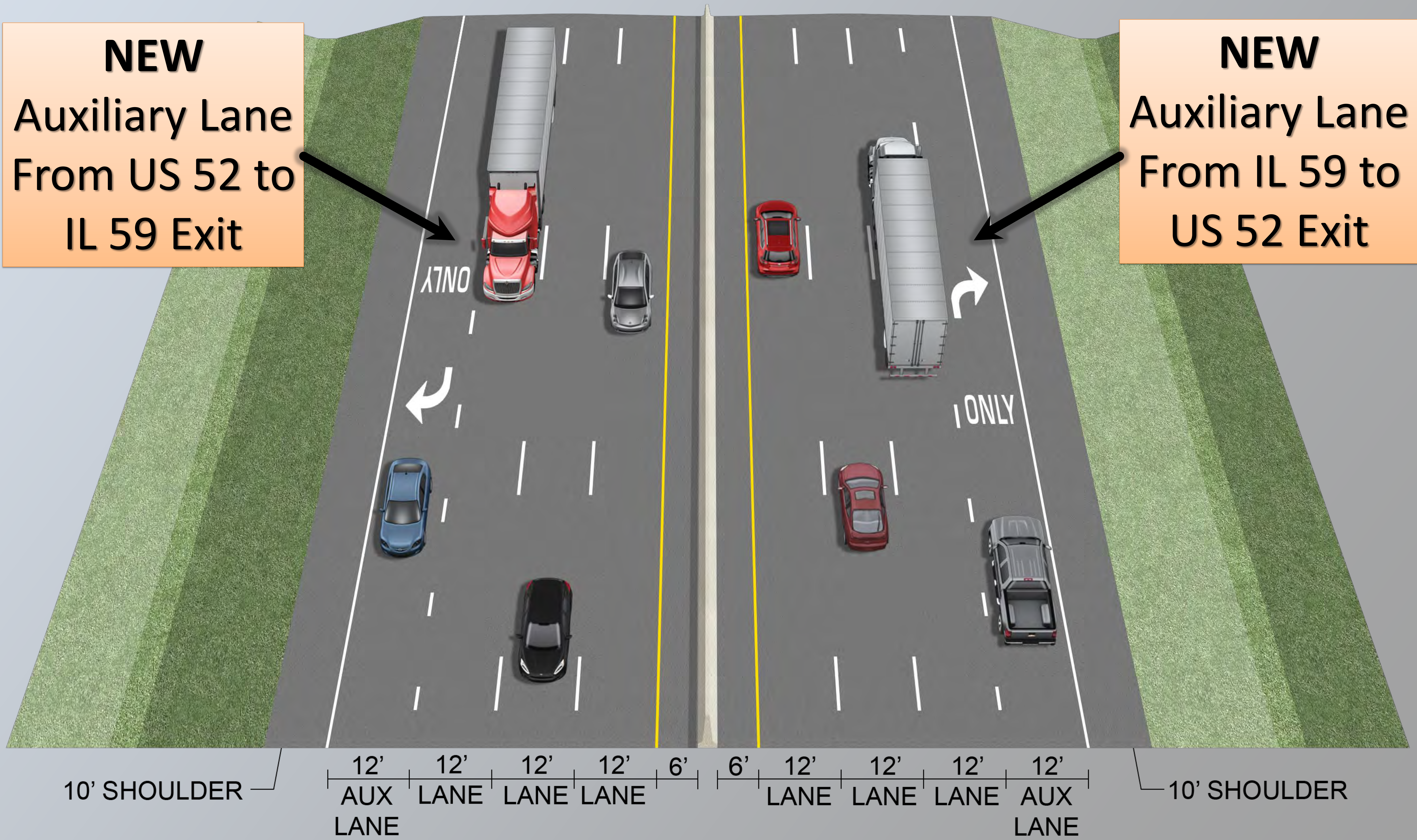


EXISTING TYPICAL CROSS SECTION

Interstate 55 Between IL 59 and US 52

NEW
Auxiliary Lane
From US 52 to
IL 59 Exit

NEW
Auxiliary Lane
From IL 59 to
US 52 Exit

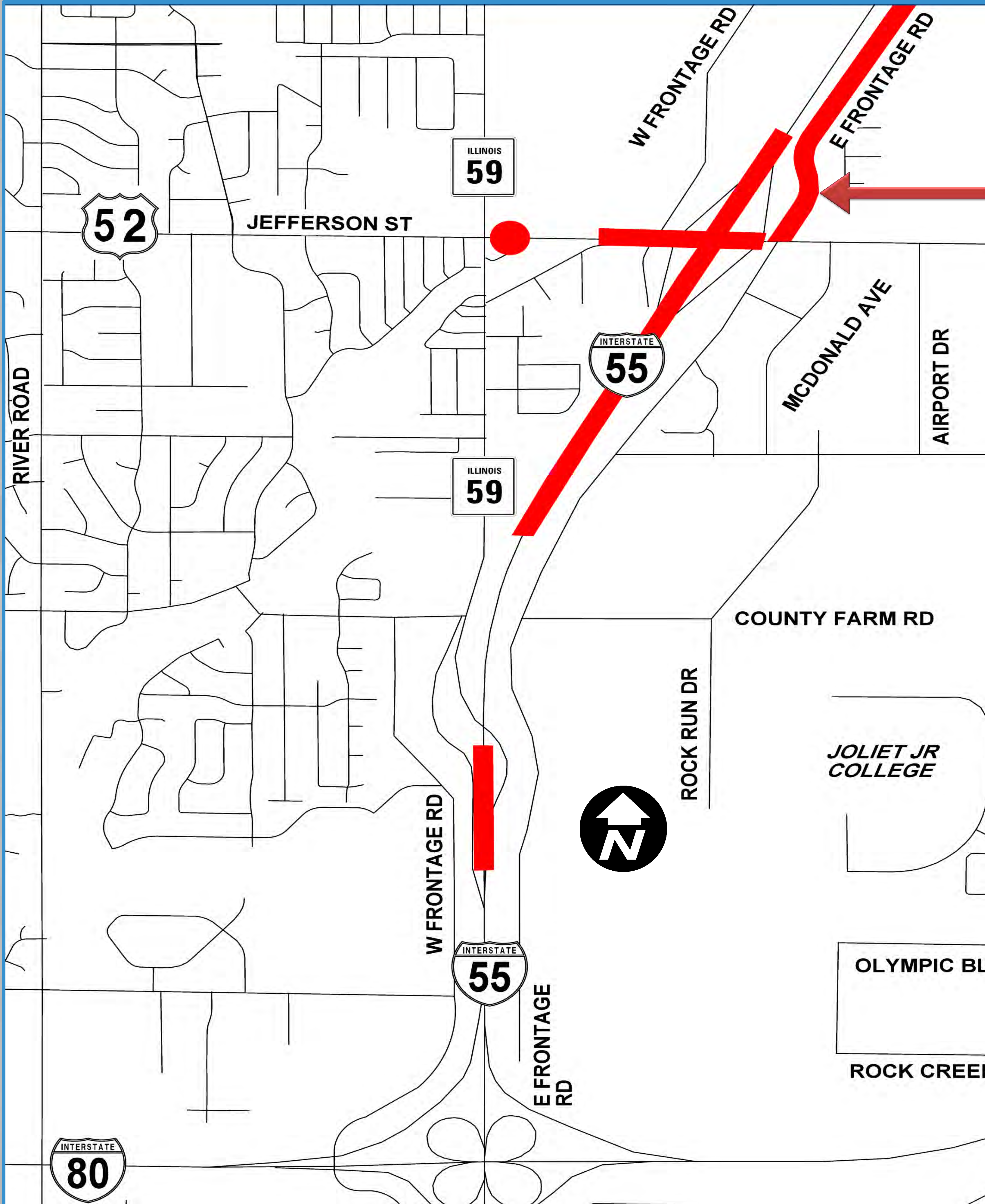


PROPOSED TYPICAL CROSS SECTION (LOOKING NORTH)

I-55 FROM I-80 TO US 52

5 - YEAR CRASH HISTORY

2014 - 2018



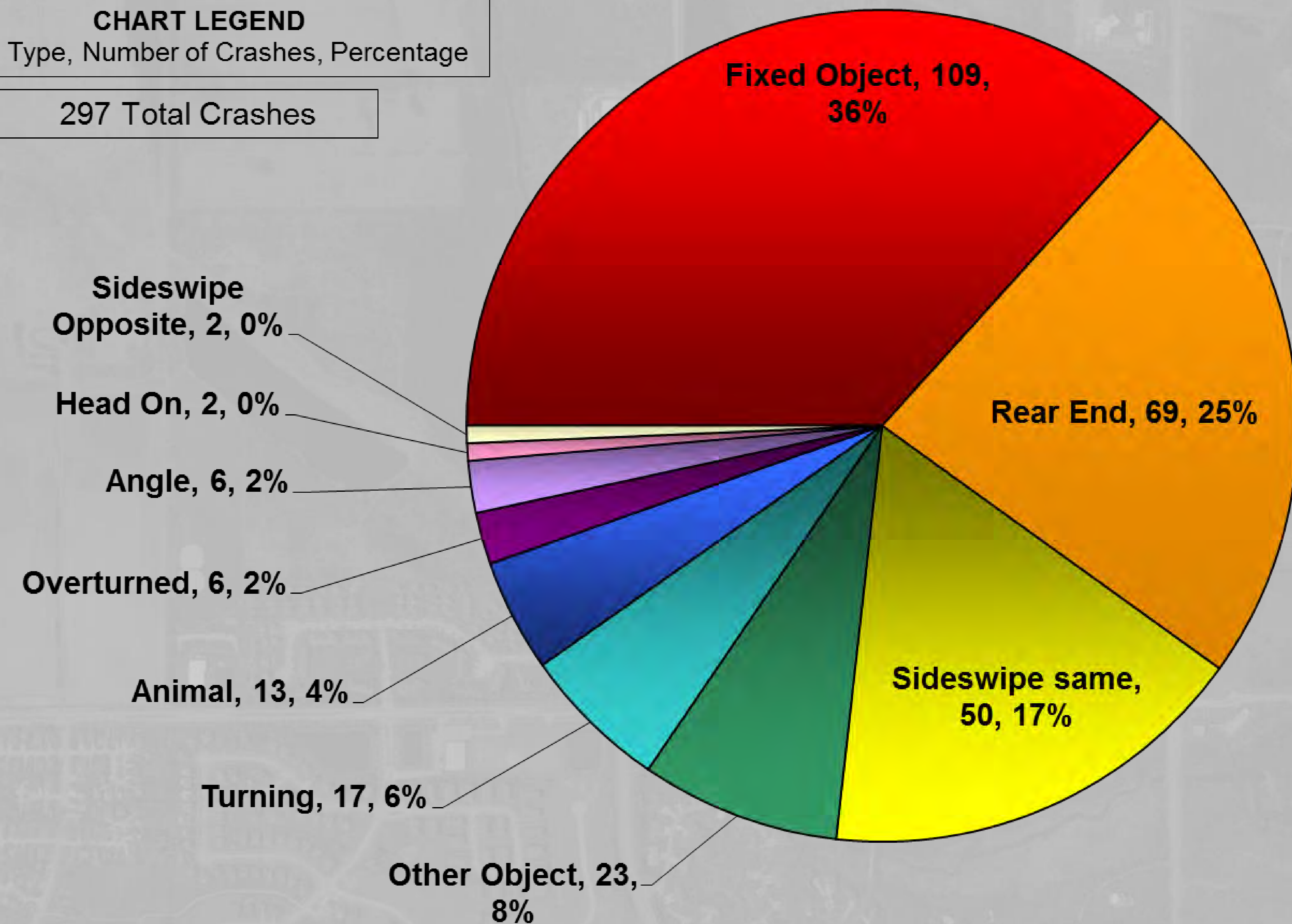
Five Percent Locations

A five percent location is a roadway segment or intersection that has been identified as containing at least the top five percent of the severe injury and fatal crash locations within the state.

Total Crashes By Type

CHART LEGEND
Crash Type, Number of Crashes, Percentage

297 Total Crashes



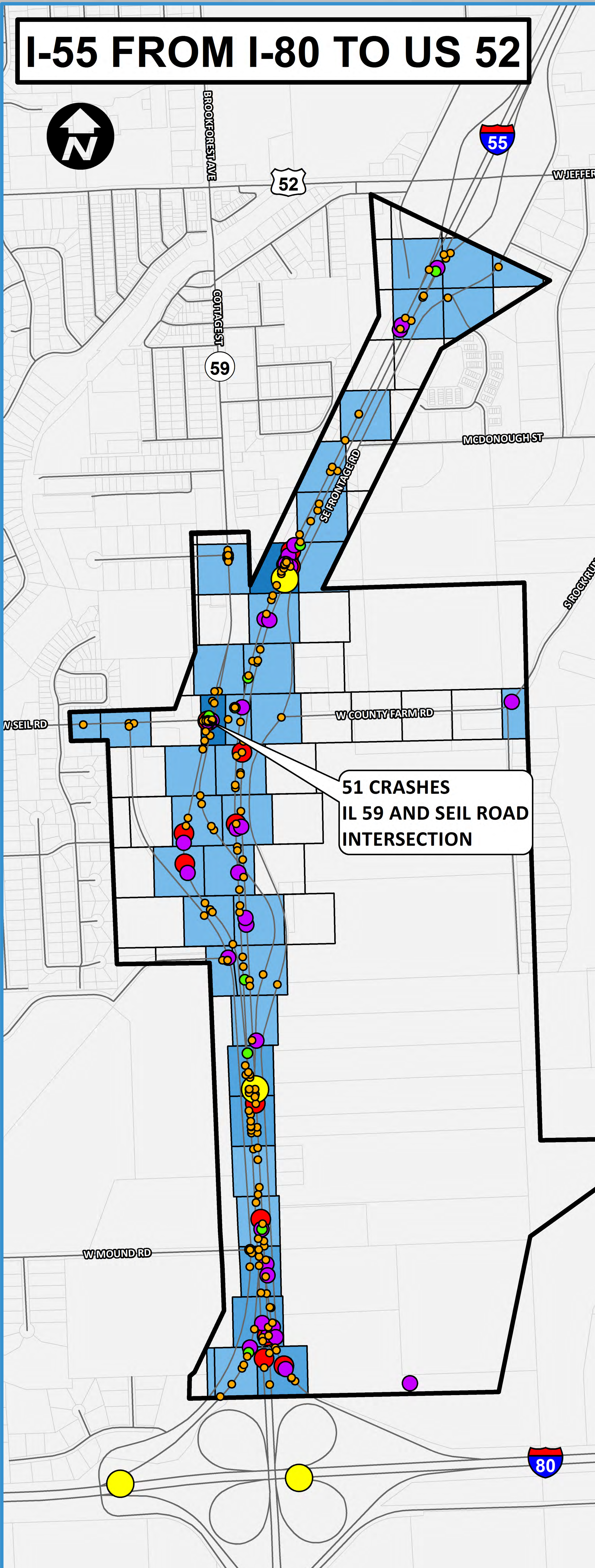


I-55 at IL 59 Access Project



I-55 FROM I-80 TO US 52 5 - YEAR CRASH HISTORY 2014 - 2018

Crashes by Location & Severity



QUICK CRASH FACTS

- 297 total crashes occurred within the I-55 from I-80 to US 52 study area in a 5-year period
- 2 crashes within the study area involved a fatality; both crashes involved a vehicle departing I-55 and striking a fixed object.
- 2 additional fatalities were reported at the I-55 and I-80 interchange (I-80 Phase I Study)
- 12 crashes involved a Type A / incapacitating injury
- I-55 and US 52 contain high crash / 5 percent locations
- Most common crash types are fixed object, rear-end and sideswipe (same direction)
- None of the crashes involved a pedestrian or a bicyclist

LEGEND

- Project Area
- Streets

Crash Type

- Fatal
- Type A
- Type B
- Type C
- PDO

Number of Crashes

- 0
- 1 - 10
- 11 - 20
- 21 - 30
- 31 - 100
- >100

INJURY TYPE DEFINITIONS

Type A is an incapacitating injury

Type B is a non-incapacitating injury

Type C is an injury reported but not evident

PDO is a property damage only crash / no injury crash



I-55 at IL 59 Access Project



JOLIET

I-55 FROM I-80 TO US 52 POTENTIAL NOISE ABATEMENT WALLS



- ### Traffic Noise Abatement Results
- ✓ 4 noise abatement walls studied
 - ✓ 2 walls found to be FEASIBLE AND REASONABLE
 - ✓ Wall heights range from 14 feet to 16 feet
 - ✓ I-55 Wall West Side (Shorewood) is 1,570 feet long
 - ✓ I-55 Wall East Side (Joliet) is 2,600 feet long
 - ✓ 116 benefitted receptors



1 *Rendering I-55 West Side*



2 *Rendering I-55 East Side*



3 *Rendering I-55 East Side
Looking North on East Frontage Road*

MAP LEGEND

- Potential Noise Wall (West Side of I-55)
- Potential Noise Wall (East Side of I-55)

RECOMMENDED NOISE ABATEMENT WALLS DETERMINED AFTER THE VIEWPOINT SOLICITATION



I-55 at IL 59 Access Project



I-55 FROM I-80 TO US 52 NOISE ABATEMENT BENEFITTED RECEPTORS

