

## IL 50 (Governors Highway) Safety Improvements



## STUDY AREA

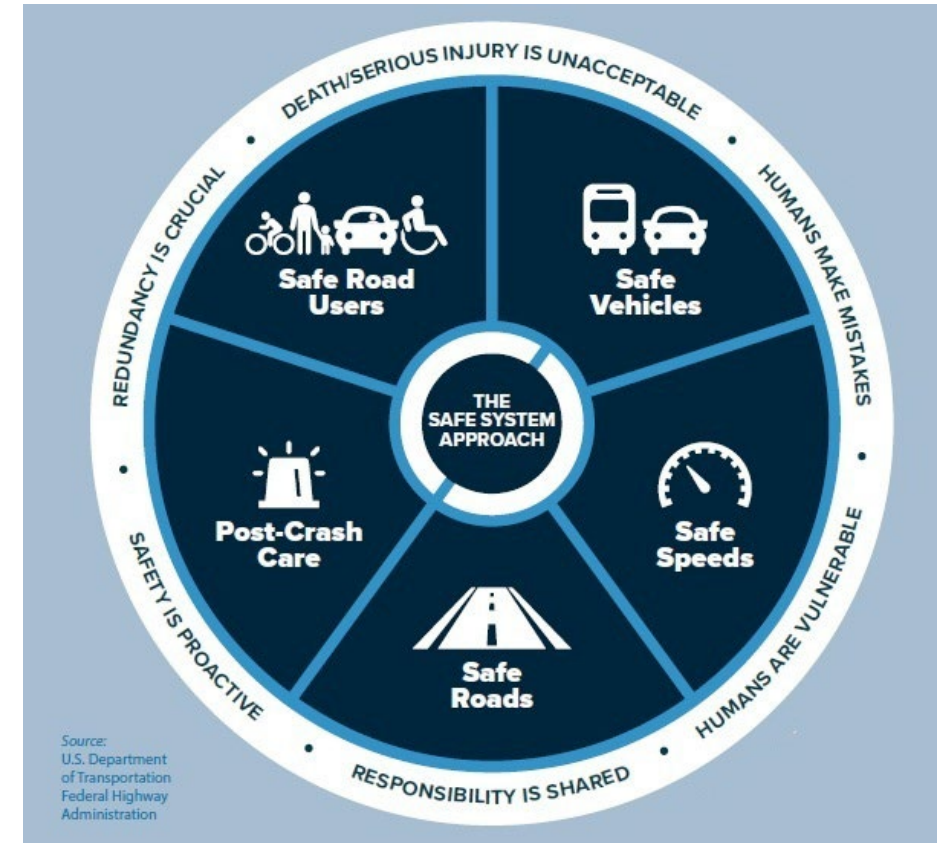
- IL 50 from Wilmington-Peotone Rd to County Line Rd
- Located in Peotone and Manteno Townships, Will and Kankakee Counties
- Approximately 2.4 miles
- 40mph - 55mph
- ADT of 6,350 to 7,000 vehicles per day

# **PROJECT PURPOSE & NEED**

For Preliminary Engineering and Environmental Studies

**From Wilmington-Peotone Rd to County Line Rd**

- ❑ Improve Safety
- ❑ Improve Operational Deficiencies



# IDOT **PROJECT DEVELOPMENT PROCESS**



This project is included in IDOT's FY 2026-2031 Proposed Highway Improvement Program.

# STUDY **CONSIDERATIONS**

☐ **Existing  
Roadway  
Condition**

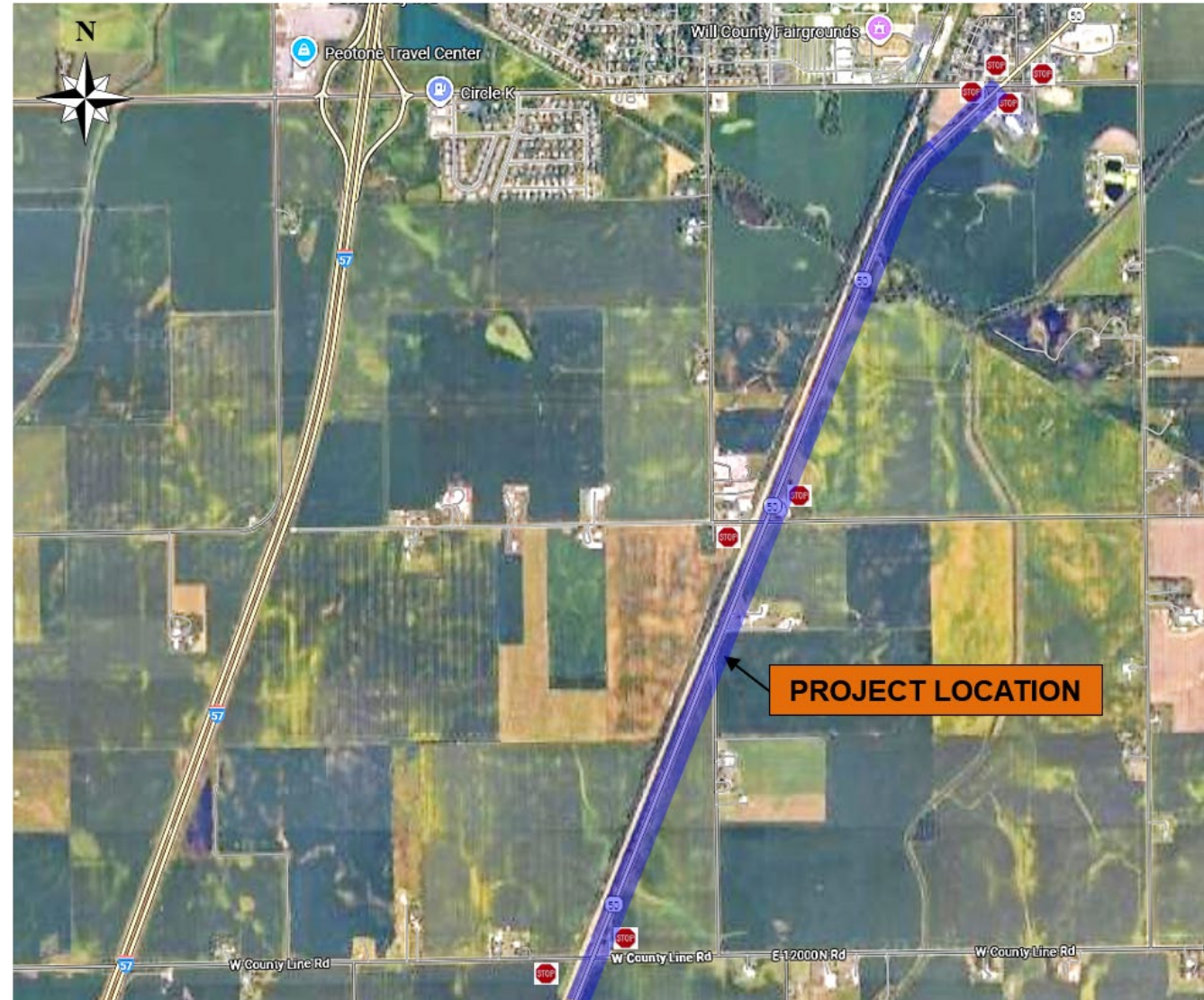
☐ **Safety  
Issues**

☐ **CN Railroad  
Coordination**

## IL 50 (Governors Highway) Safety Improvements

### EXISTING CONDITIONS IL 50 (Governors Highway)

- ❑ Four lane undivided minor arterial
- ❑ Lane widths: 11 ft paved with aggregate shoulders
- ❑ Traffic control at intersections with:
  - Wilmington-Peotone Rd – All way stops
  - W Kennedy Rd – 2-way stops
  - County Line Rd – 2-way stops
- ❑ The surrounding land use is primarily rural farmland, the Village of Peotone is located at the northern limits, and the CN RR is located 150 ft to the west and parallel to IL 50 for most of the study limits



## IL 50 (Governors Highway) Safety Improvements

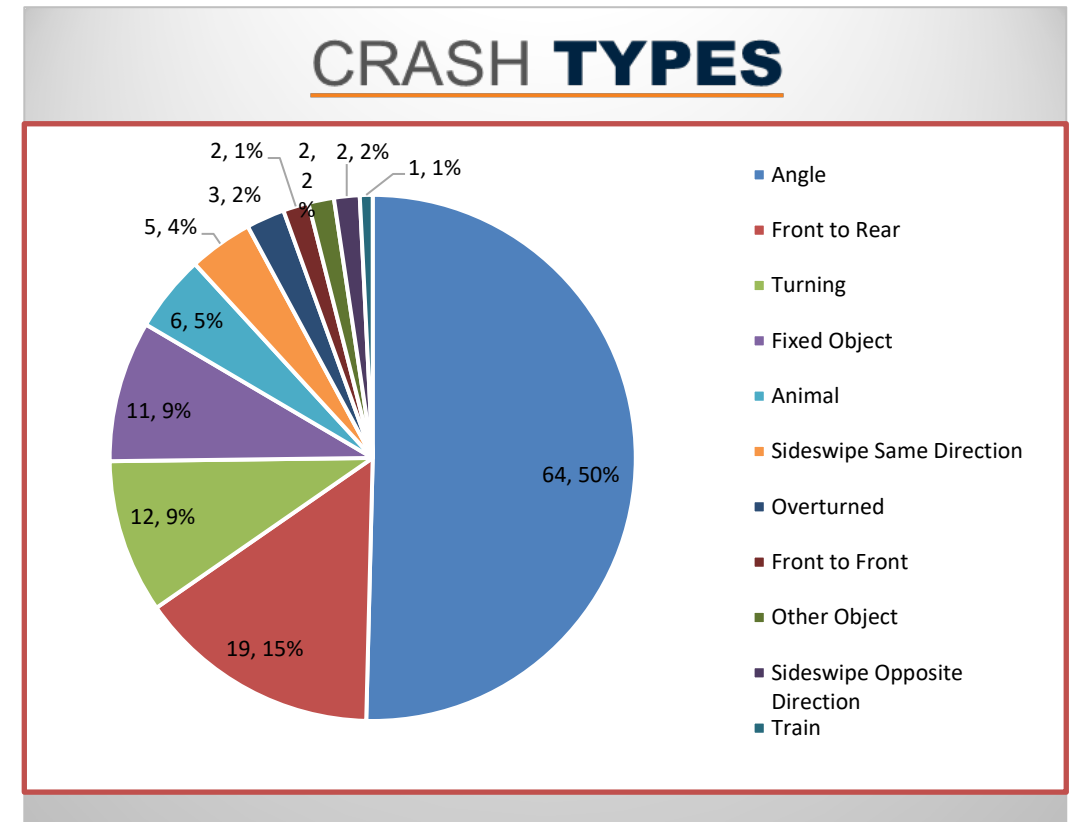
# CRASH ANALYSIS - IL 50: Wilmington-Peotone Rd to County Line Rd

127 reported crashes (2016-2022) within road diet project limits

Injury Types	Severity	2016-2022 Crashes with Injuries
K	Fatal	1*
A	Incapacitating	11
B	Injury Evident	32
C	Injury Possible	5
O	Property Damage Only	77

12 (9%) crashes on wet and snow/icy pavement  
96 (76%) crashes during daylight hours

**\*2020 - 1 fatal crash involved 3 fatalities**



# CRASH ANALYSIS - IL 50 at County Line Rd

78 reported crashes (2016-2022) at intersection

Injury Types	Severity	2016-2022 Crashes with Injuries
K	Fatal	1 <b>2021 – train</b>
A	Incapacitating	9
B	Injury Evident	25
C	Injury Possible	5
O	Property Damage Only	38

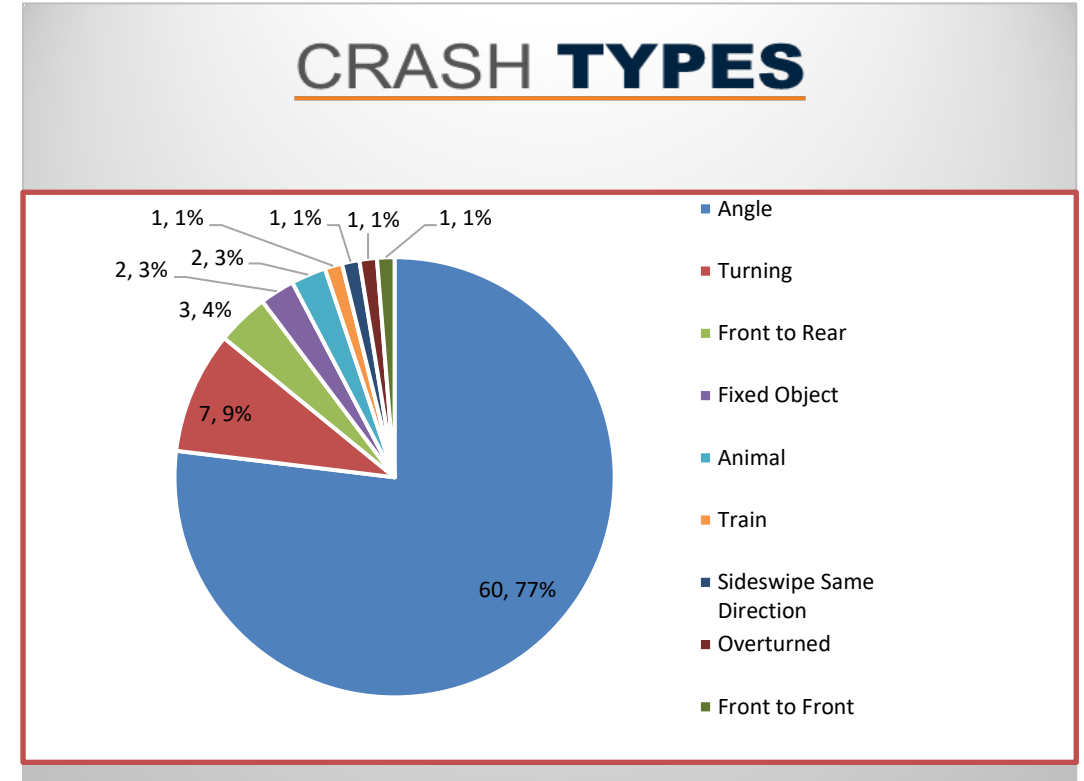
23 (18%) crashes on wet and snow/icy pavement

59 (76%) crashes during daylight hours

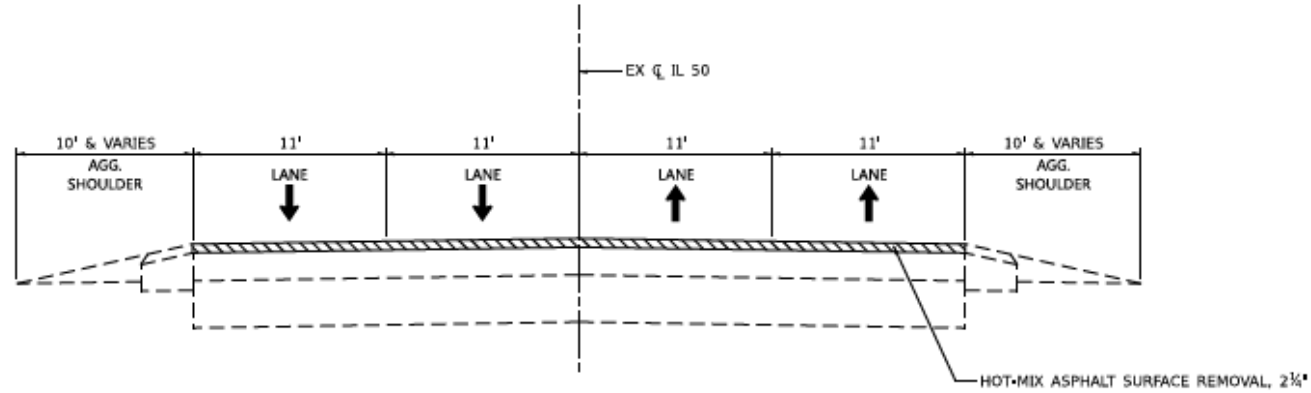
### Most Recent Fatal Crashes

2024 – 1 angle crash involved 2 fatalities

2025 – 3 angle crashes involved 4 fatalities

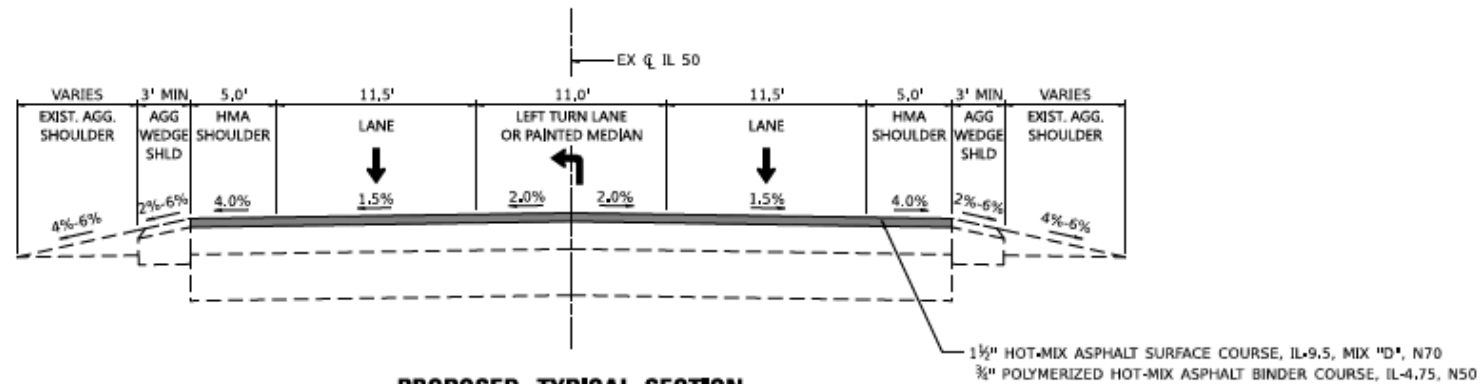


# TYPICAL CROSS SECTIONS



**EXISTING TYPICAL SECTION**

STA. 42+00 TO STA. 169+33



**PROPOSED TYPICAL SECTION**

STA. 42+00 TO STA. 169+33

# **INTERIM IMPROVEMENTS: IL 50**

- ❖ **All-way stop control** at County Line Rd with flashing overhead beacon. Restriped intersection to provide left turns on IL 50 and southbound right turn lane. Stop ahead signs installed on IL 50.
- ❖ **IL 50 north and south of County Line Rd** installed RR grade crossing advance warning signs with dual red flags and flashing beacon on both the west and east sides of IL 50.
- ❖ **County Line Rd west and east of IL 50** installed (by others) transverse rumble strips and stop ahead signs on both the north and south sides of County Line Rd .
  - ❖ **Stop with Cross Traffic Does Not Stop** signs and flashing beacons installed on both north and south sides of County Line Rd.
  - ❖ **Watch for Traffic on All Lanes** signs installed on both legs of County Line Rd.

# **PROPOSED ULTIMATE IMPROVEMENTS: IL 50**

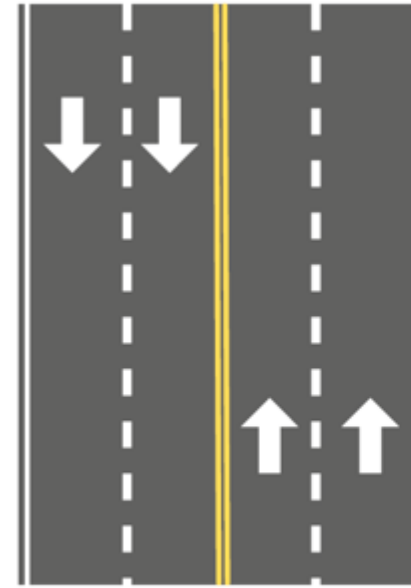
- ❖ **Roadway Pavement Resurfacing and Road Diet** from Wilmington-Peotone Rd to south of County Line Rd reconfigure 4-lanes to 3-lanes with striped median/turn lanes
- ❖ **Add Turn Lanes**
  - ❖ Left turn lanes to W Kennedy Rd
  - ❖ Left turn lanes and southbound right turn lane to County Line Rd
- ❖ **Traffic Signal Installation** at County Line Rd
  - ❖ Protected left turn phase
  - ❖ Coordinated signal with CN RR crossing

## IL 50 (Governors Highway) Safety Improvements

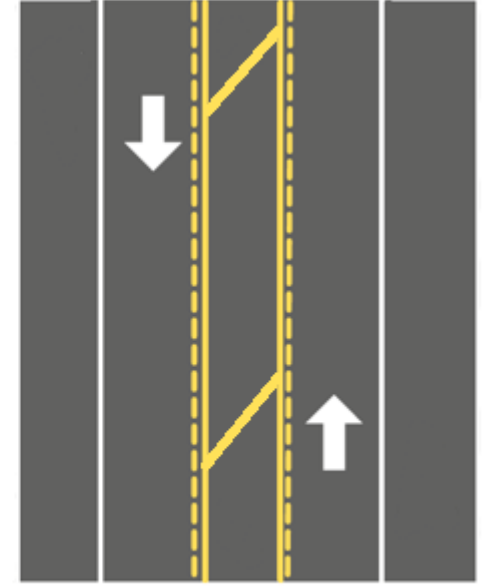
### BENEFITS OF PROPOSED TYPICAL ROAD DIET

- ❑ 19-47% reduction in rear-end, left-turn, angle crashes and sideswipe crashes due to added turn lane
- ❑ Reduction in bicycle and pedestrian crashes due to reduced number of lanes
- ❑ Improved traffic flow
- ❑ More consistent speeds

## IL 50 (**GOVERNORS HIGHWAY**)



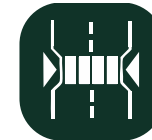
BEFORE



AFTER



IMPROVED VEHICULAR SAFETY



TRAFFIC CALMING



IMPROVED BICYCLIST SAFETY



MULTI-MODAL ACCOMMODATIONS

# LAND ACQUISITION

## FEE SIMPLE

- ❑ Acquisition of all rights and interest

## PERMANENT EASEMENT

- ❑ Ownership retained by property owner
- ❑ Agency is allowed permanent use of the property for construction and future maintenance

## TEMPORARY EASEMENT

- ❑ Ownership retained by the property owner
- ❑ Agency is allowed temporary use of the property to construct the project

## LAND ACQUISITION PROCESS

Ownership Determination

Appraisal

Negotiation

Acquisition

NOTE: AT THIS TIME, ONLY RAILROAD PROPERTY IS REQUIRED FOR THE PROPOSED SAFETY IMPROVEMENTS

## CONTACT **INFORMATION**

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