

# Flashing Yellow Arrow Implementation Wabash Avenue

Illinois Department of Transportation  
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City of Springfield  
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# Project Selection

- Corridor Application
- Safety Benefit
- High Accidents (Left Turn / Rear End)
- Exclusive (Permissive) Left Turn Lanes

# Required Components

- New Signals Heads
- New Controller
- New MMU
- New Signs

# Suggested Components

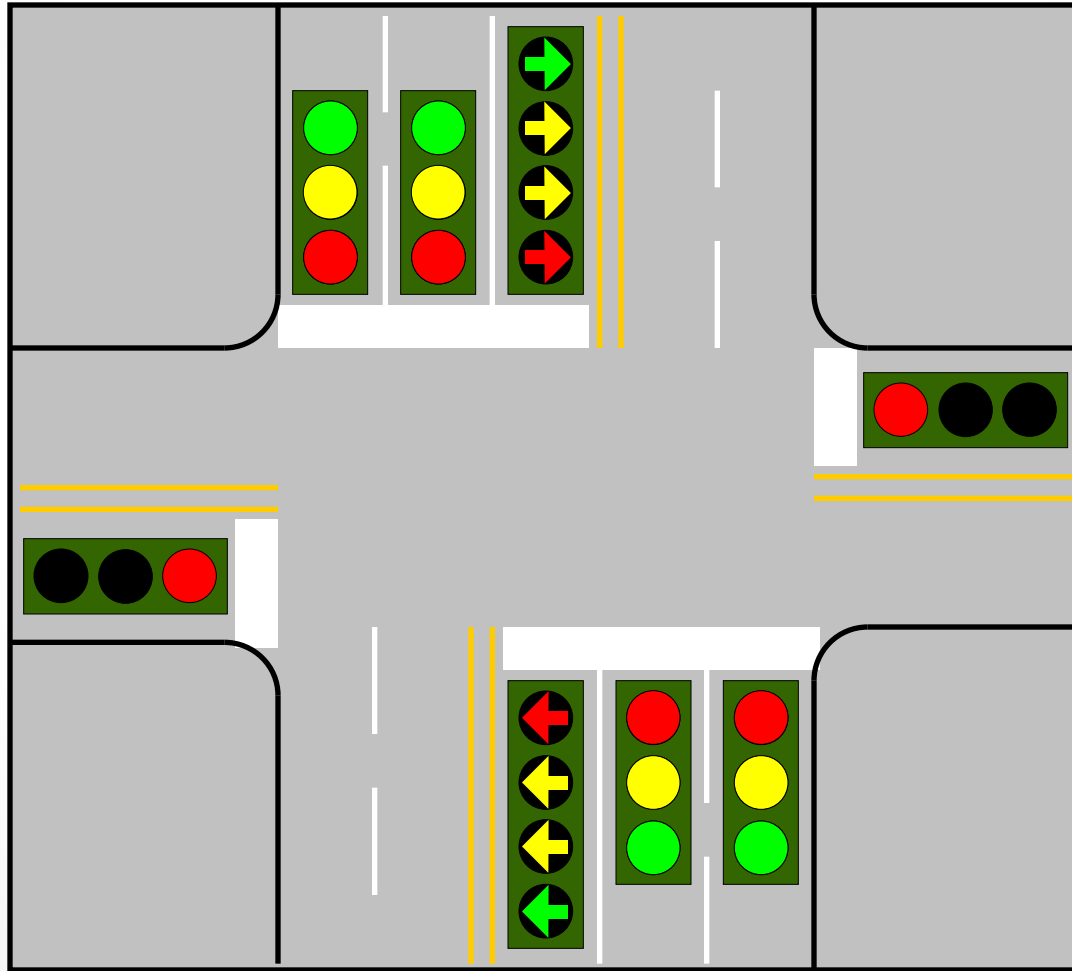
- New Mast Arms
- New Cabinets
- New Conduits
- Temporary Signals
- Offset Turn Lanes

# FYA Operation

- Four Section Signal
- Comes on with Opposing Green
- Followed by Solid Yellow
- Yellow/Yellow Conflict Allowed if Following FYA

# How a Flashing Yellow Arrow Left Turn Works

Leading Protected / Permissive



# Flashing Yellow Arrow Sign



# FYA Controller

- ASC/3 or Cobalt
  - V2.49 or Higher
- Reno MMU
  - V1.07.19 or Higher



# Public Information Campaign

- Office of Communication
- Paris Ervin (217) 782-5025

# Employee Training

- New Equipment
- New Program
- New Wiring
- Added Phases

# Funding

- Safety Funds
- Positive BCA

# City of Springfield

- City's Policy
- Implementation Plan
- Implementation Hurdles

# City's Policy

- Implement Corridors
- Spot Locations
- Apply for HSIP Funding

# Implementation Plan

- Koke Mill Rd (City Jurisdiction)
- 3 signals
  - Koke Mill Rd at Hedley Rd
  - Koke Mill Rd at Iles Ave
  - Koke Mill Rd at Old Jacksonville Rd

# Implementation Hurdles

- Placing new mast arms
- Adding wiring to the system
- Using existing cabinets
- Upgrading controllers

# Where are We Today

- Selecting a Consultant to prepare the Signal Plans and Specifications
- Letting in Summer 2015



# Questions?

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