



# **TMP Meeting #3**

Thursday, May 26, 2022





# WELCOME

1. INDOT Project Management
2. Parsons
3. Group Introductions



# ROLE OF TMP MEETINGS

- Provide input throughout the planning and design of a major project transportation strategy
- Serves as a sounding board for maintenance of traffic approach
- Facilitates collaborative problem solving, discussion of specific issues



# AGENDA

1. Project Overview
2. Contract 1 Project Status
3. Contract 2 TMP





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# **PROJECT OVERVIEW**



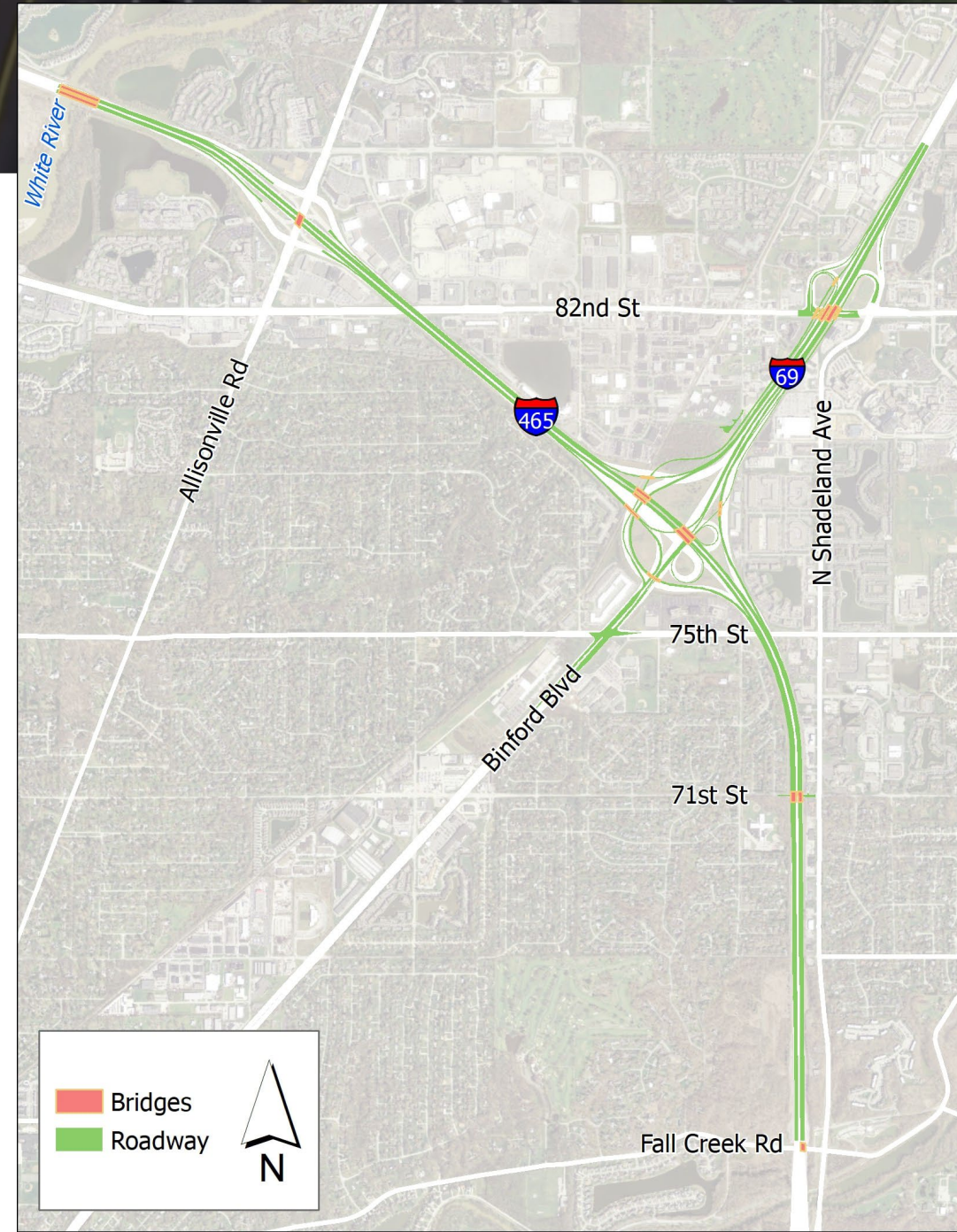
# PROJECT OVERVIEW

- Purpose and Need
  - Improve overall traffic operations by increasing capacity
  - Improve safety
    - Reduce total number of crashes and crash rates (crashes/mile/ year)
    - Decrease the fatality/injury severity percentages
- Reconstruct I-465 from White River to Fall Creek
- Reconstruct I-69 / Binford Boulevard from 75<sup>th</sup> Street to 86<sup>th</sup> Street
- I-465 and I-69 Added Travel Lanes
- I-465 / I-69 Interchange Modification
- Ramp Construction at I-465 / Allisonville Road and I-69 / 82<sup>nd</sup> Street
- Allisonville Road Bridge Over I-465: Thin Deck Overlay

# PROJECT AREA

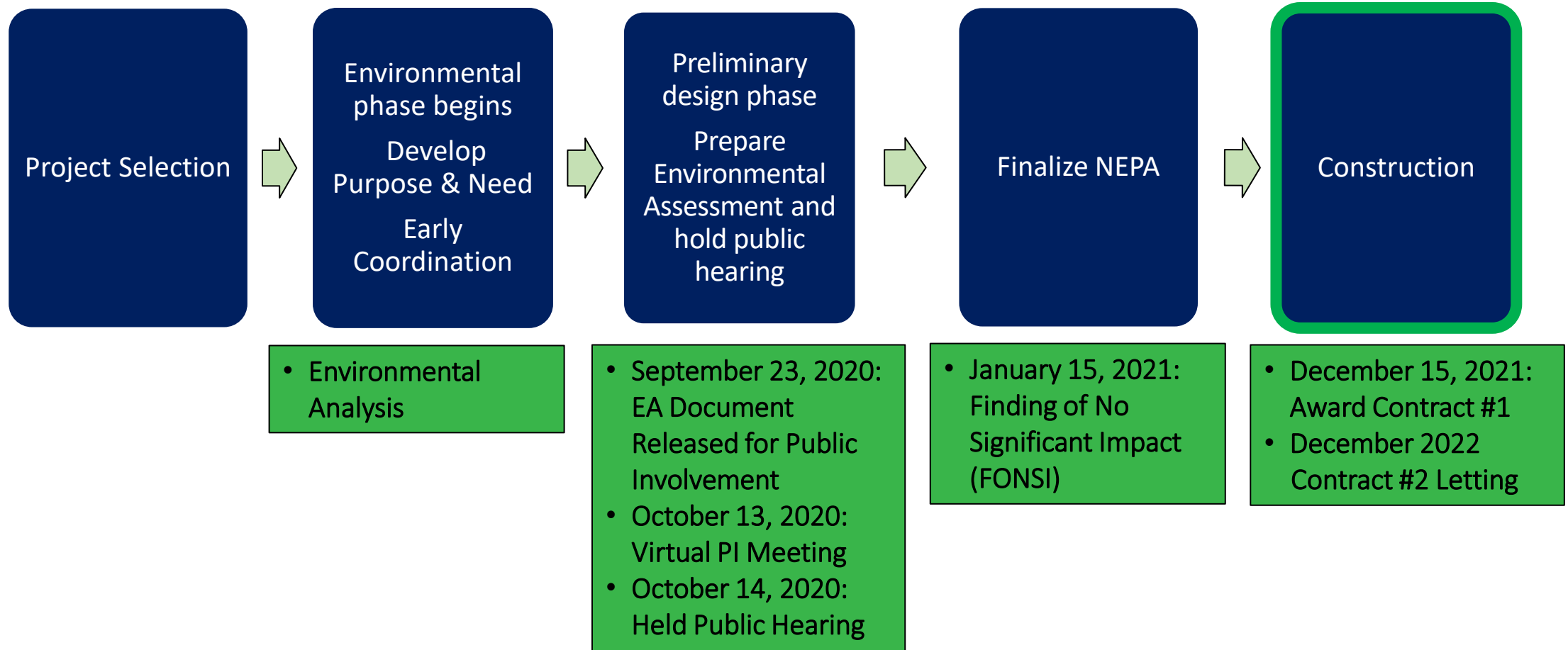
I-465 from White River to Fall Creek

I-69/Binford Boulevard, including  
82<sup>nd</sup> Street and I-465 Interchange



# ENVIRONMENTAL

## Environmental Assessment





**A NEW LOOK**





# TWO CONTRACTS

- 1 I-465 from White River to Fall Creek – except I-69 interchange
- 2 I-69/Binford Boulevard, including 82<sup>nd</sup> Street, 75<sup>th</sup> Street and I-465

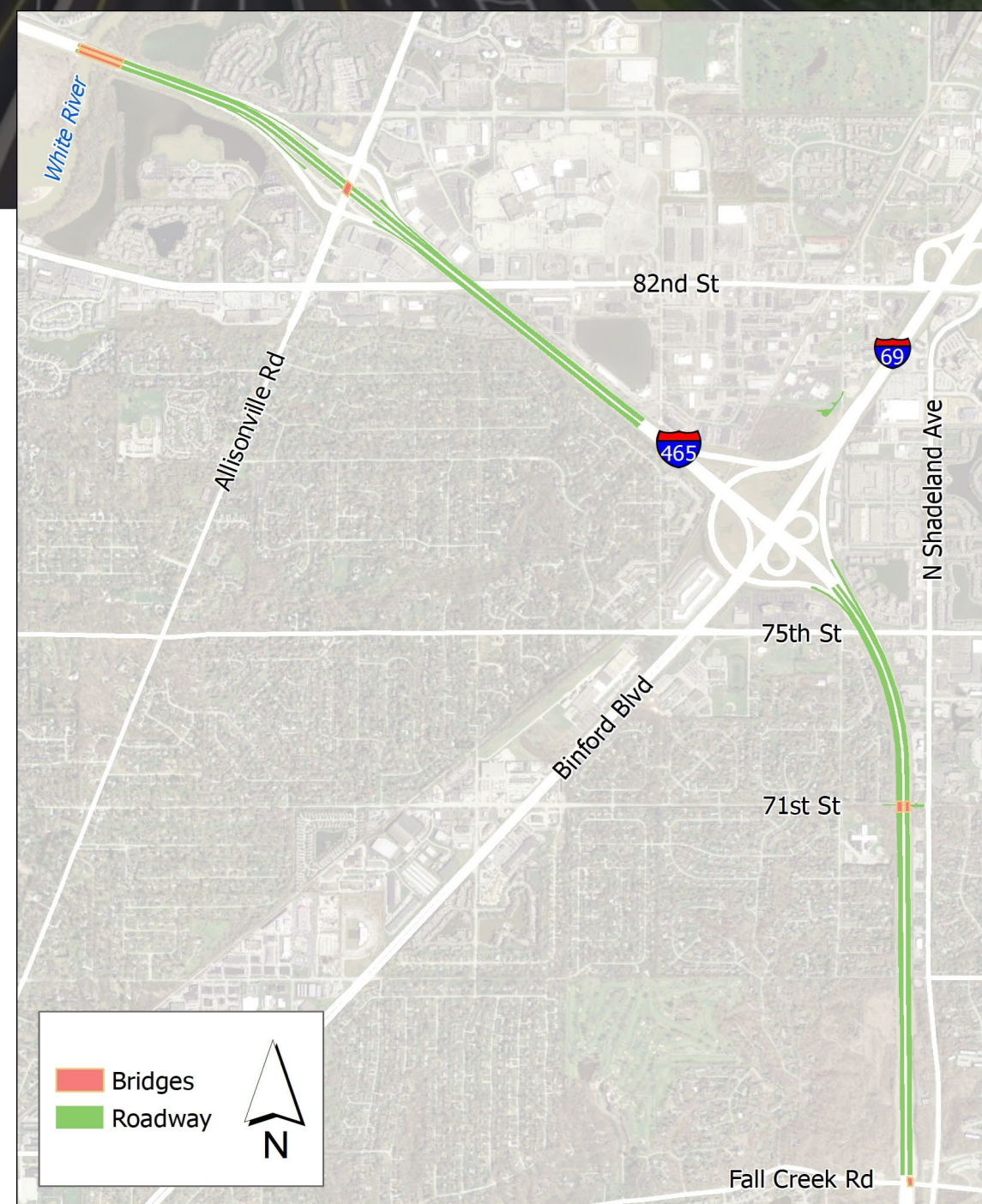




**CONTRACT 1**

# CONTRACT #1

- Rebuild and add lanes to I-465
- Widen I-465 bridge over 71<sup>st</sup> Street
- Lower 71<sup>st</sup> Street & multi-use trail
- Realign Castleton Road
- I-465 ramp connections at Allisonville Road
- Thin bridge deck overlay on Allisonville Road over I-465





# CONTRACT #1 PROJECT TEAM



## INDIANA DEPARTMENT OF TRANSPORTATION

Project Owner



## PARSONS

Planning and Design Lead



## E&B PAVING RIETH-RILEY GRADEX

Construction Contractor Tri-Venture





# **CONSTRUCTION** **TRAFFIC PATTERNS**



# RAMP CLOSURES

1. Allisonville Road on-ramp to eastbound I-465
2. Northbound Binford Blvd. on-ramp (loop ramp) to westbound I-465
3. 56th Street/Shadeland Avenue on-ramp to northbound I-465



# SHORT-TERM CLOSURE

## Allisonville Road bridge over I-465

- Thin deck overlay to prevent future maintenance and repair
- One-time closure from 9 pm Sunday to 6 am Friday
- Between June 5 - Aug. 5, 2022
- 60, 14 and 3-day advance notice





# LONG-TERM CLOSURE

## East 71<sup>st</sup> St. and Trail

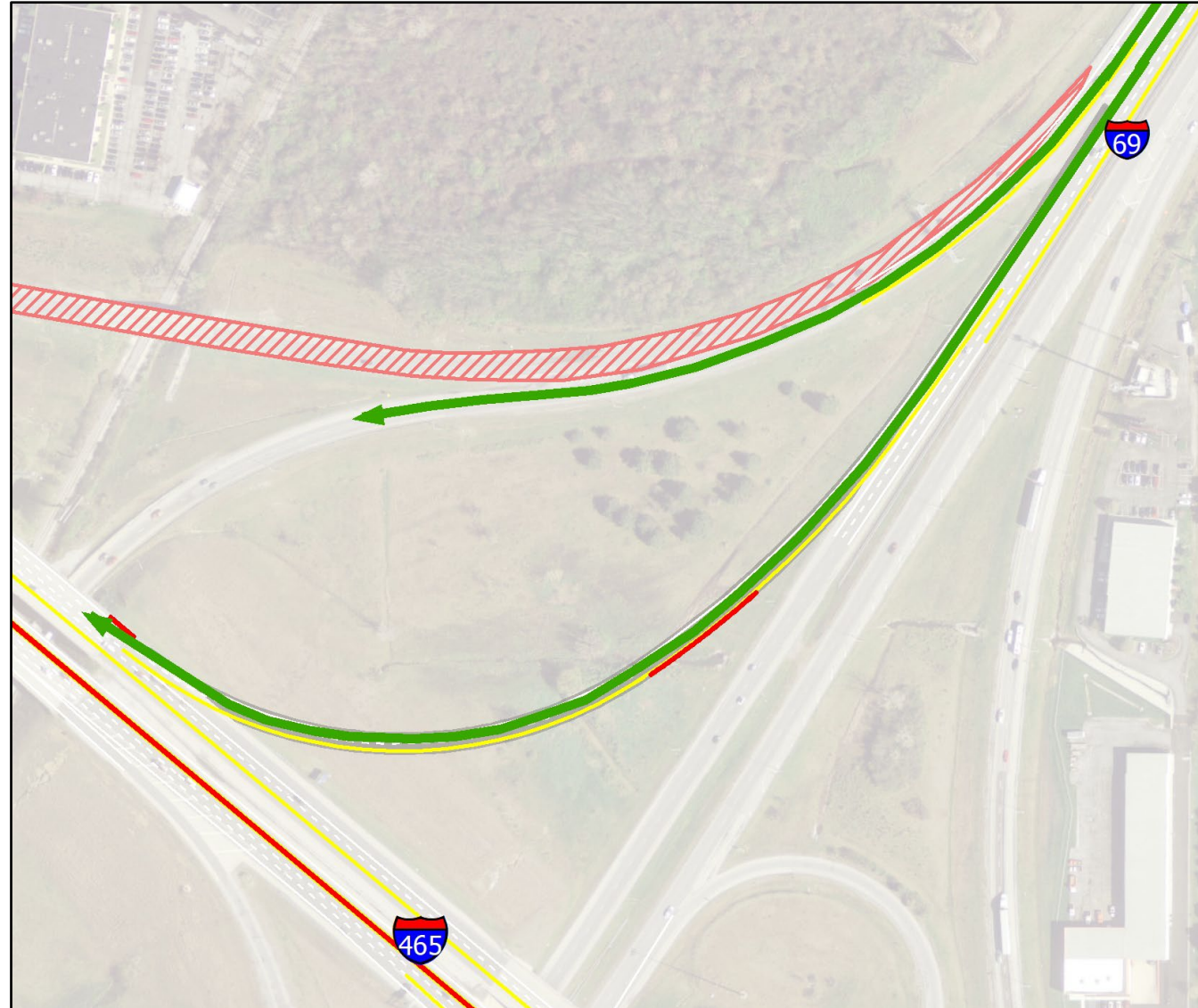
- Road and Trail closed March 28  
Trail re-opened May 2<sup>nd</sup>
- Trail may close a total of  
365 days/1 year
- Open by August 2024
- One week notice for trail
- Four weeks notice for road



# TEMPORARY RAMP

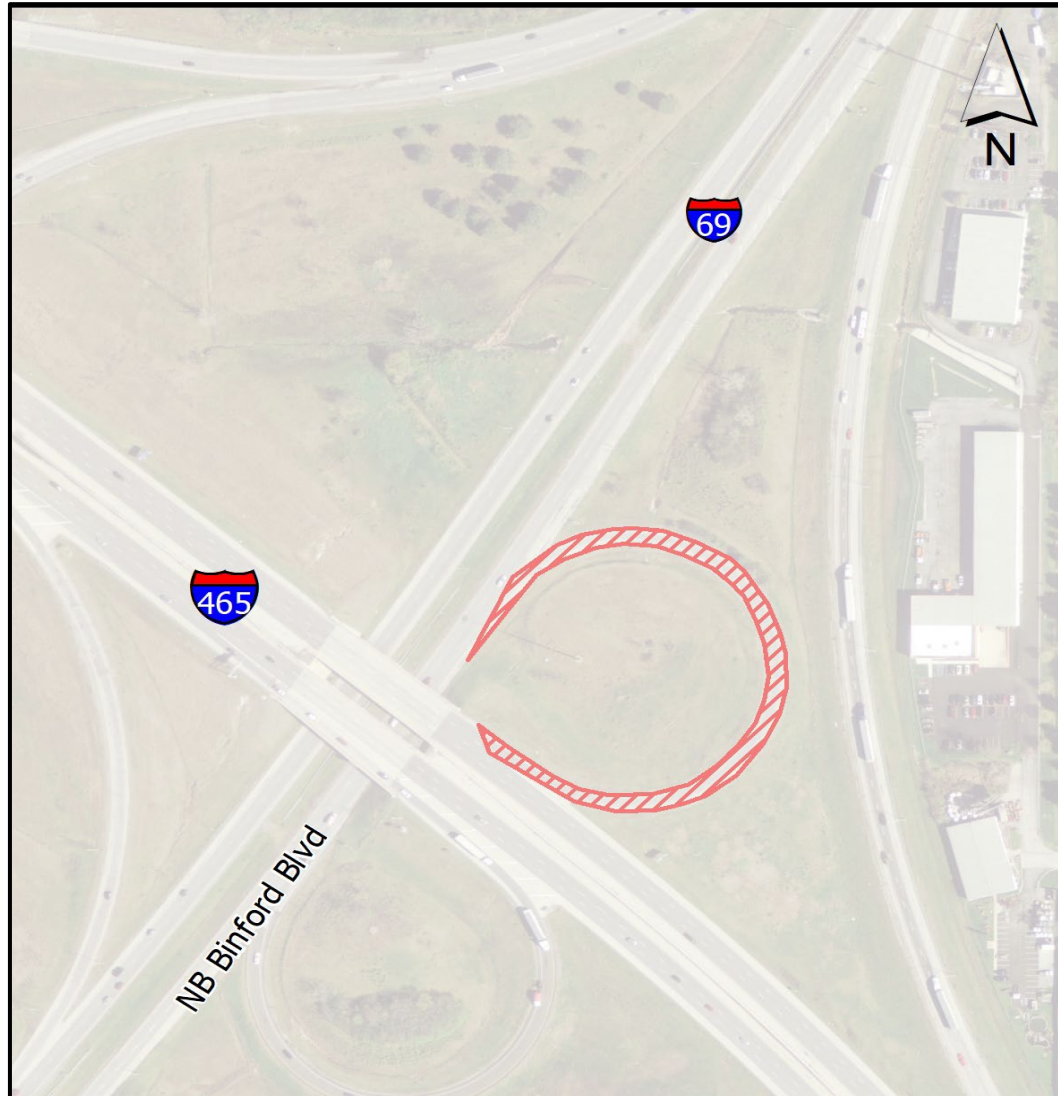
## SB I-69 to WB I-465 Ramp

- New SB I-69 to WB I-465 ramp is over existing
- No Suitable Detour
- Temporary 2-Lane System Ramp in-lieu of Part-Width Construction
- New SB I-69 Traffic Pattern





# LONG-TERM CLOSURE



## **Northbound Binford Blvd. on-ramp (loop ramp) to westbound I-465**

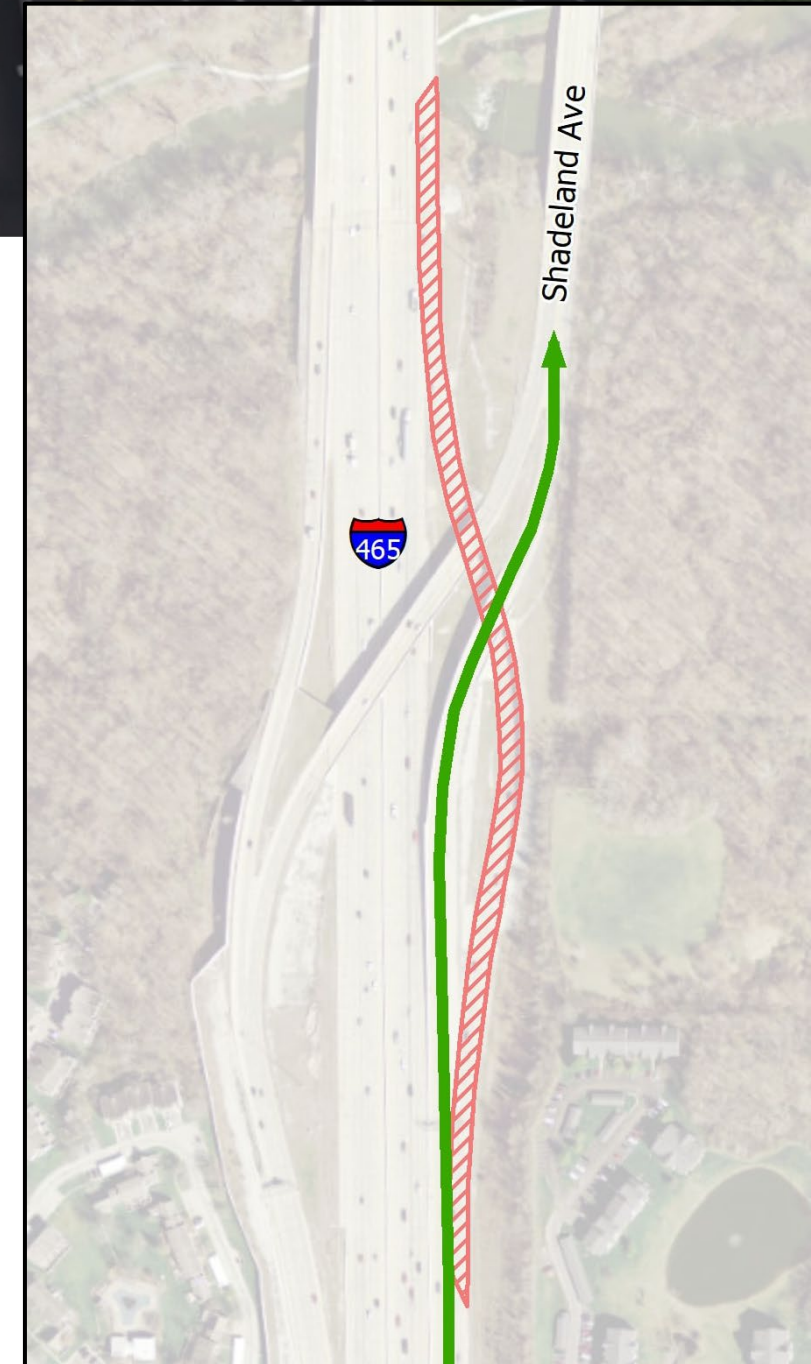
- Four weeks notice
- Expected to extend beyond end of Contract 1 (late 2023) into Contract 2



# LONG-TERM CLOSURE

## **56<sup>th</sup> Street/Shadeland Avenue on-ramp to northbound I-465**

- Ramp closure up to 29 months/2.5 years
- Maintain emergency vehicle access
- Four weeks notice
- Northbound I-465 exit ramp to 56<sup>th</sup> Street and Shadeland Avenue remains open
- 56<sup>th</sup> Street access to northbound Shadeland Avenue remains open



# Long-Term Ramp Closure



## EB I-465 On-Ramp from Allisonville Road Closure

- Continuous 24/7 Closure
- Maintain emergency vehicle access
- Closure starting on or after March 15, 2022
- Must be open by August 5, 2024
- 28-Day Advance Notice Required



# SB I-69 Traffic Pattern Change



## SB I-69 On-Ramp from 82<sup>nd</sup> Street Closure during Allowable I-69 Traffic Pattern Change Hours

- Complete Closure is allowed
- Maintain emergency vehicle access
- 14-Day Advance Notice Required

# I-465 MOT Phase Changes

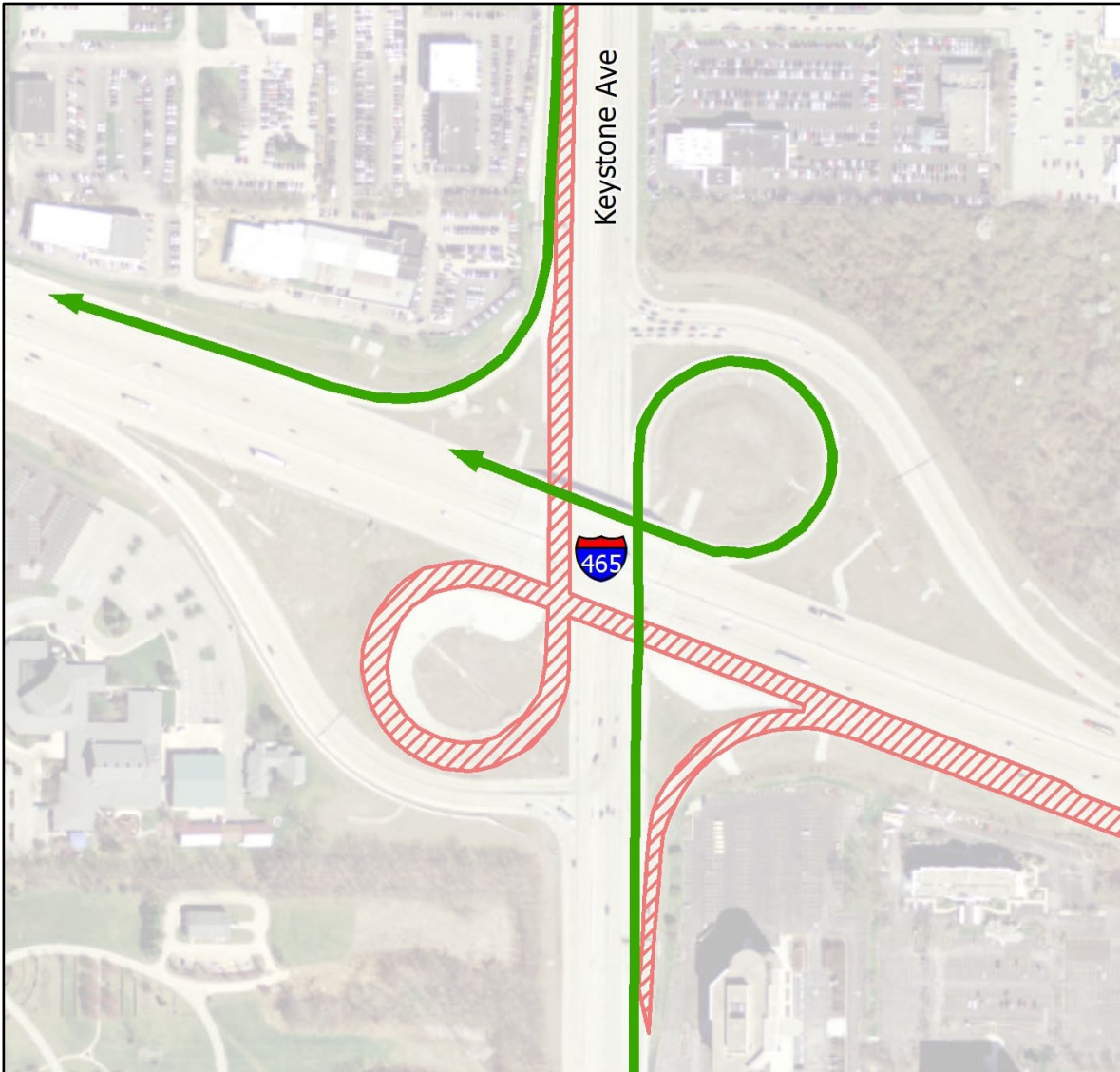
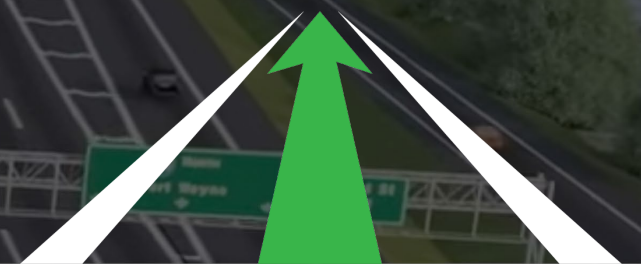


## Closure of NB I-465 On-Ramp from Pendleton Pike during Allowable I-465 Phase Change Hours

- Complete Closure is allowed
- Maintain emergency vehicle access
- 7-Day Advance Notice Required
- Up to 8 occurrences (weekends)



# I-465 PHASE CHANGES



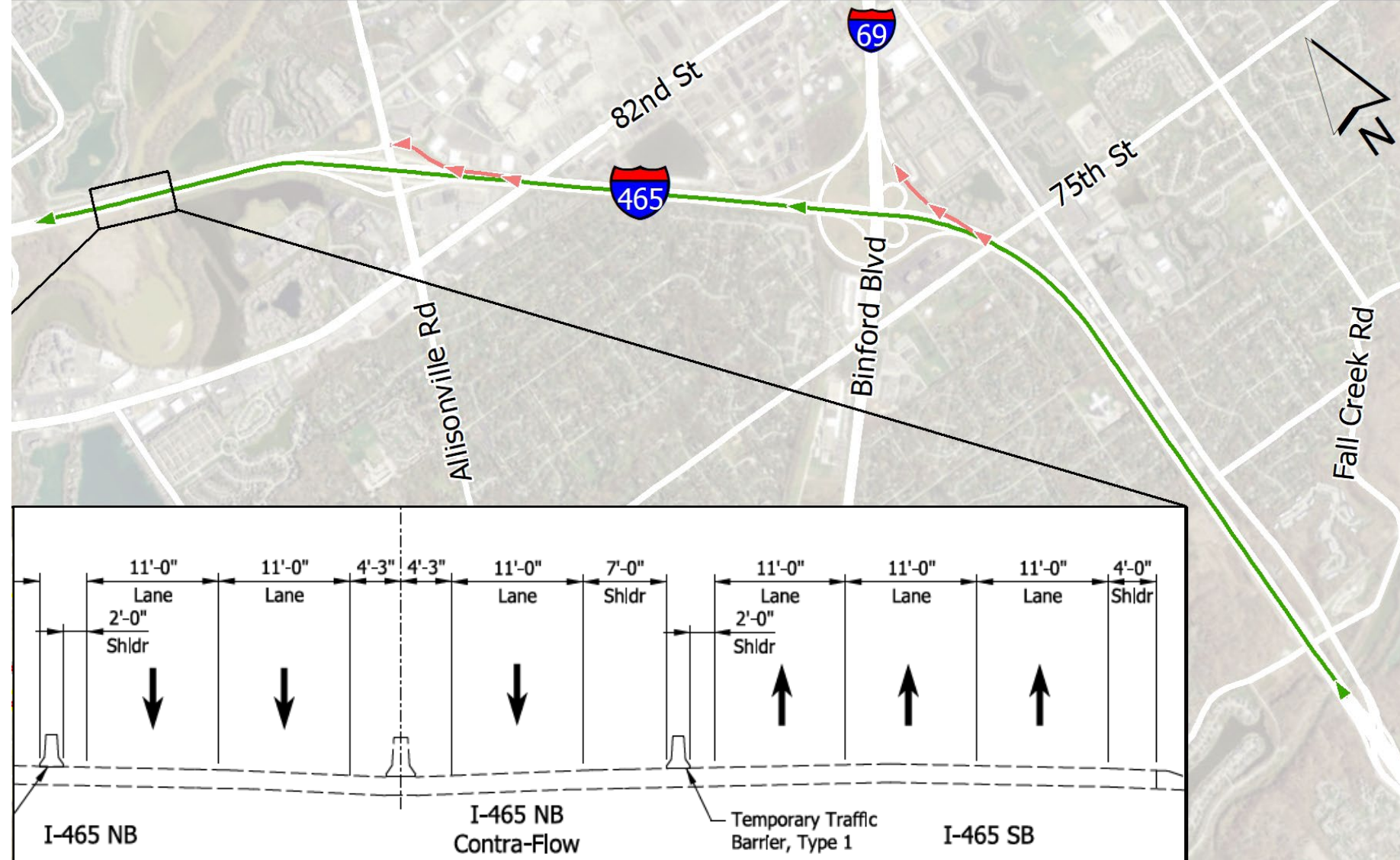
## Keystone Avenue on-ramps to eastbound I-465

- Close up to 8 weekends
- Maintain emergency vehicle access
- One week notice



# CONTRA-FLOW LANE DESIGN

- Maintain existing number of lanes
- Move left lane of NB/WB I-465 across median
- 11-ft lane, 7-ft shldr (Wider than Min.)
- No trucks allowed
- No exit to NB I-69 or Allisonville Road



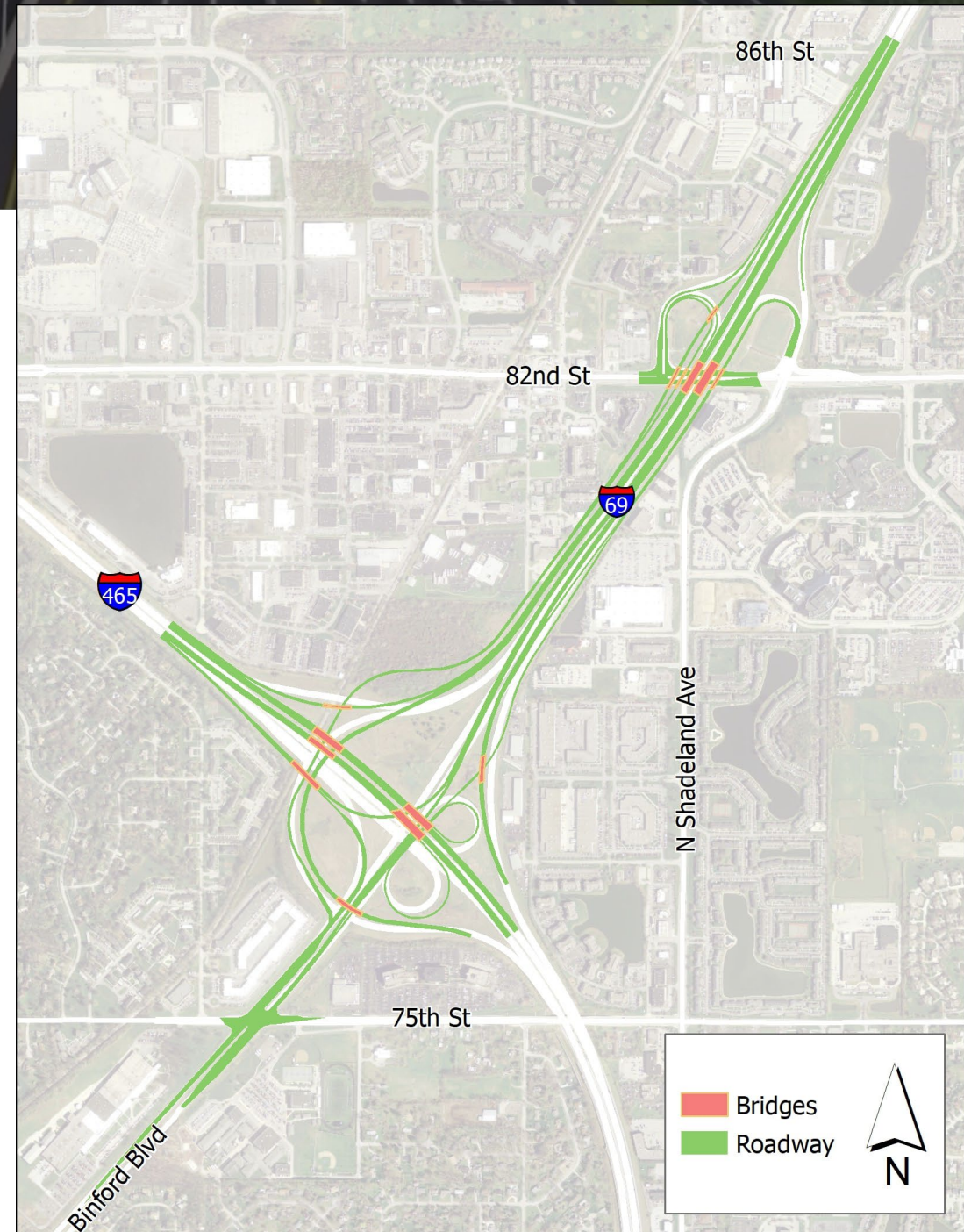


# **CONTRACT 2**



# CONTRACT #2

- Rebuild and improve I-465 and I-69 interchange
- High-speed, high-capacity ramps connecting I-465 and I-69
- Separate Interstate ramps from local traffic
- Rebuild and add lanes to I-69/Binford Blvd from 86<sup>th</sup> Street to south of 75<sup>th</sup> Street



# CONTRACT #2 PROJECTED TIMELINE

**CONTRACT 1**

**CONTRACT 2**

2022

2023

2024

2025

- Letting: Late 2022
- Restrictions begin: Spring 2023
- Overlaps with Contract 1 in 2023 and Part of 2024
- Open to traffic: End of 2025
- Finishing touches: 2026



# **Maintenance of Traffic**

## **Key Closures**

# Maintenance of Traffic

## Summary of Construction Phases

- Phase 1: NB/SB I-69 C-D Roads (Off-Line), Construct I-69/82<sup>nd</sup> St. Ramps
- Phase 2: SB I-69 Lanes
- Phase 3: NB I-69 Lanes, SB I-69 to WB I-465 Ramp, SB I-69 to Binford Blvd. Temp Ramp
- Phase 4: WB I-465 Lanes, NB Binford Blvd. to WB I-465 Loop Ramp,  
NB I-465 to NB I-69 Ramp
- Phase 5: EB I-465 to SB Binford Blvd. Ramp, SB Binford Blvd.
- Phase 6: EB I-465 Lanes, SB I-69 to SB I-465 Ramp, SB Binford C-D Road,  
EB I-465 to 82<sup>nd</sup> Street Loop Ramp
- Phases 7-8: NB Binford Blvd., EB I-465 to NB I-69 Ramp

# Maintenance of Traffic

		Phase							
		1	2	3	4	5	6	7	8
96th Street	NB I-69 to 96th St. Exit	open	open	open	open	open	open	open	open
	96th St. to NB I-69 Entrance	open	open	open	open	open	open	open	open
	SB I-69 to 96th St. Exit	open	open	open	open	open	open	open	open
	96th St. to SB I-69 Entrance	open	open	open	open	open	open	open	open
82nd Street	EB I-465/NB Binford to 82nd St. Exit	closed	closed	closed	closed	closed	closed	open	open
	NB I-465 to 82nd St. Exit	closed	open	open	open	open	open	open	open
	82nd St. to NB I-69 Entrance	closed	open	open	open	open	open	open	open
	SB I-69 to 82nd St. Exit	closed	open	open	open	open	open	open	open
	82nd St. to I-69 SB / SB I-465)	closed	open	open	open	open	open	open	open
	82nd St. to SB I-69 / WB I-465/ SB Binford)	closed	closed	open	open	open	open	open	open
I-465	EB I-465 to SB Binford	open	open	open	open	closed	open	open	open
	EB I-465 to NB I-69	open	open	open	open	open	open	open	open
	SB I-69 to SB I-465	open	open	open	open	open	open	open	open
	NB I-465 to NB I-69	open	open	open	open	open	open	open	open
	NB Binford to WB I-465	closed	closed	closed	closed	closed	closed	open	open
	SB I-69 to WB I-465	C1 Temp Ramp	C1 Temp Ramp	C1 Temp Ramp	open	open	open	open	open



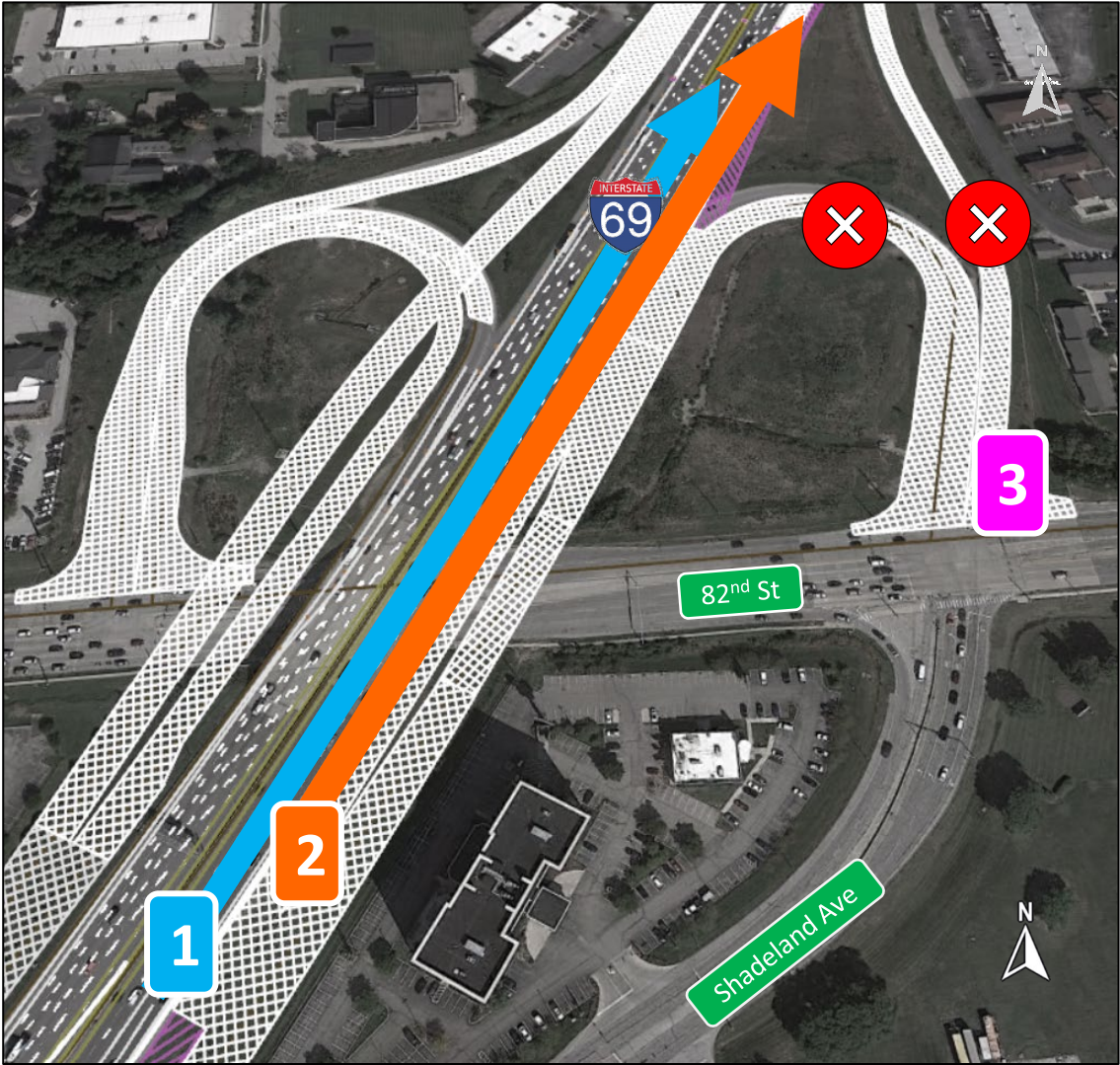
# Maintenance of Traffic

## MOT Phase 1

### Northbound Ramps at 82<sup>nd</sup> Street

- NB I-69 travel lanes remain open
- No Exit from EB I-465/NB Binford Blvd. to 82<sup>nd</sup> St.
- No Exit from NB I-465 at 82<sup>nd</sup> St.
- 82<sup>nd</sup> St. Entrance Ramp to NB I-69 is closed
- Off-Line construction occurs to the outside
- Emergency Vehicle Access

			Phase							
			1	2	3	4	5	6	7	8
82nd Street	1	EB I-465/NB Binford to 82nd St. Exit	closed	closed	closed	closed	closed	closed	open	open
	2	NB I-465 to 82nd St. Exit	closed	open	open	open	open	open	open	open
	3	82nd St. to NB I-69 Entrance	closed	open	open	open	open	open	open	open





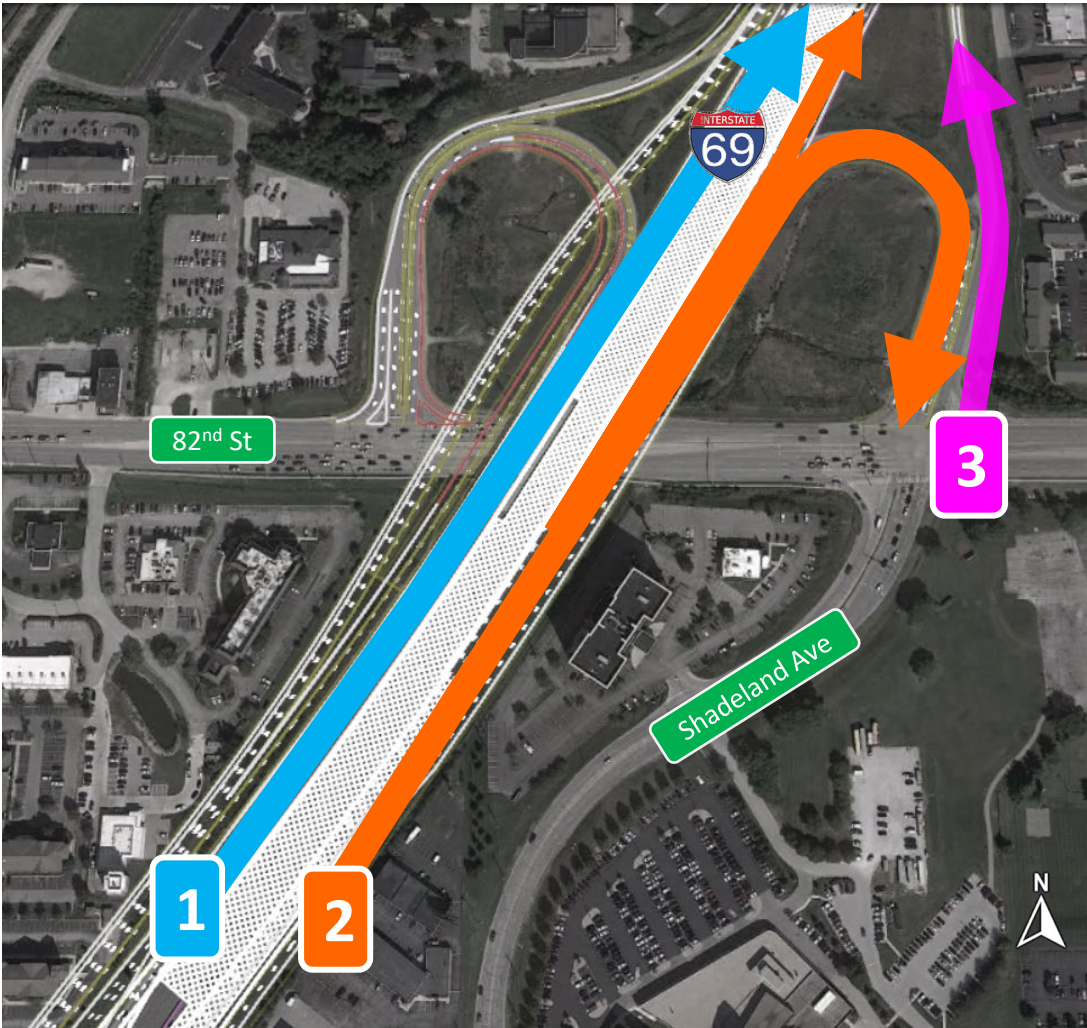
# Maintenance of Traffic

## MOT Phases 2-6

### Northbound Ramps at 82<sup>nd</sup> Street

- NB I-69 travel lanes remain open
- No Exit from EB I-465/NB Binford Blvd. to 82<sup>nd</sup> St.
- Exit from NB I-465 at 82<sup>nd</sup> St. is open
- 82<sup>nd</sup> St. Entrance Ramp to NB I-69 is open
- Construction occurs on the inside portion of NB I-69
- Emergency Vehicle Access

		Phase							
		1	2	3	4	5	6	7	8
82nd Street	1	EB I-465/NB Binford to 82nd St. Exit	closed	closed	closed	closed	closed	open	open
	2	NB I-465 to 82nd St. Exit	closed	open	open	open	open	open	open
	3	82nd St. to NB I-69 Entrance	closed	open	open	open	open	open	open





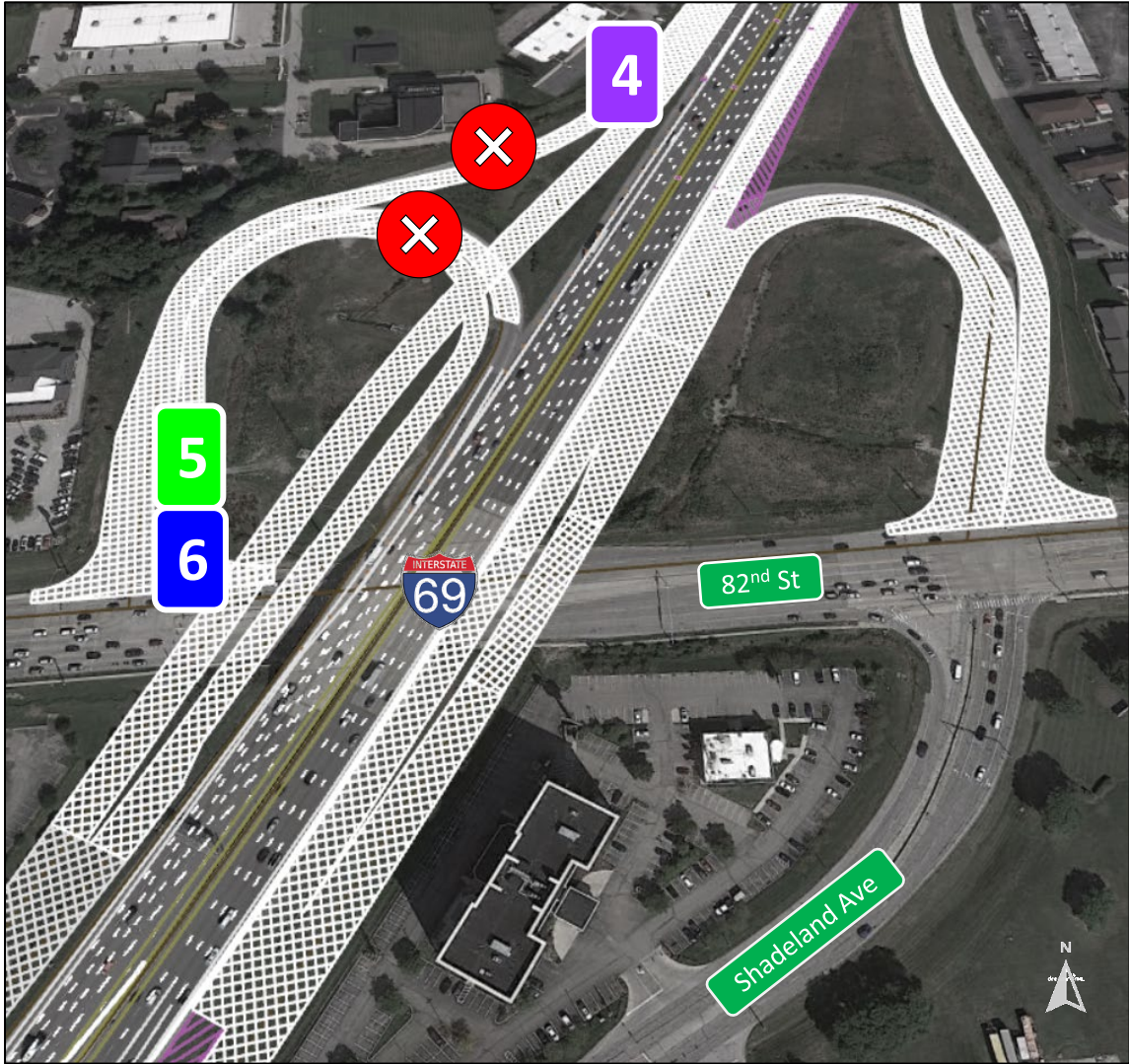
# Maintenance of Traffic

## MOT Phase 1

### Southbound Ramps at 82<sup>nd</sup> Street

- SB I-69 travel lanes remain open
- No Exit from SB I-69 to 82<sup>nd</sup> St.
- No Entrance from 82<sup>nd</sup> St. to SB I-69
- Off-Line construction occurs to the outside
- Emergency Vehicle Access

		Phase							
		1	2	3	4	5	6	7	8
82 <sup>nd</sup> Street	4	SB I-69 to 82nd St. Exit	closed	open	open	open	open	open	open
	5	82nd St. to SB I-69 / SB I-465	closed	open	open	open	open	open	open
	6	82nd St. to SB I-69 / WB I-465/ SB Binford	closed	closed	open	open	open	open	open





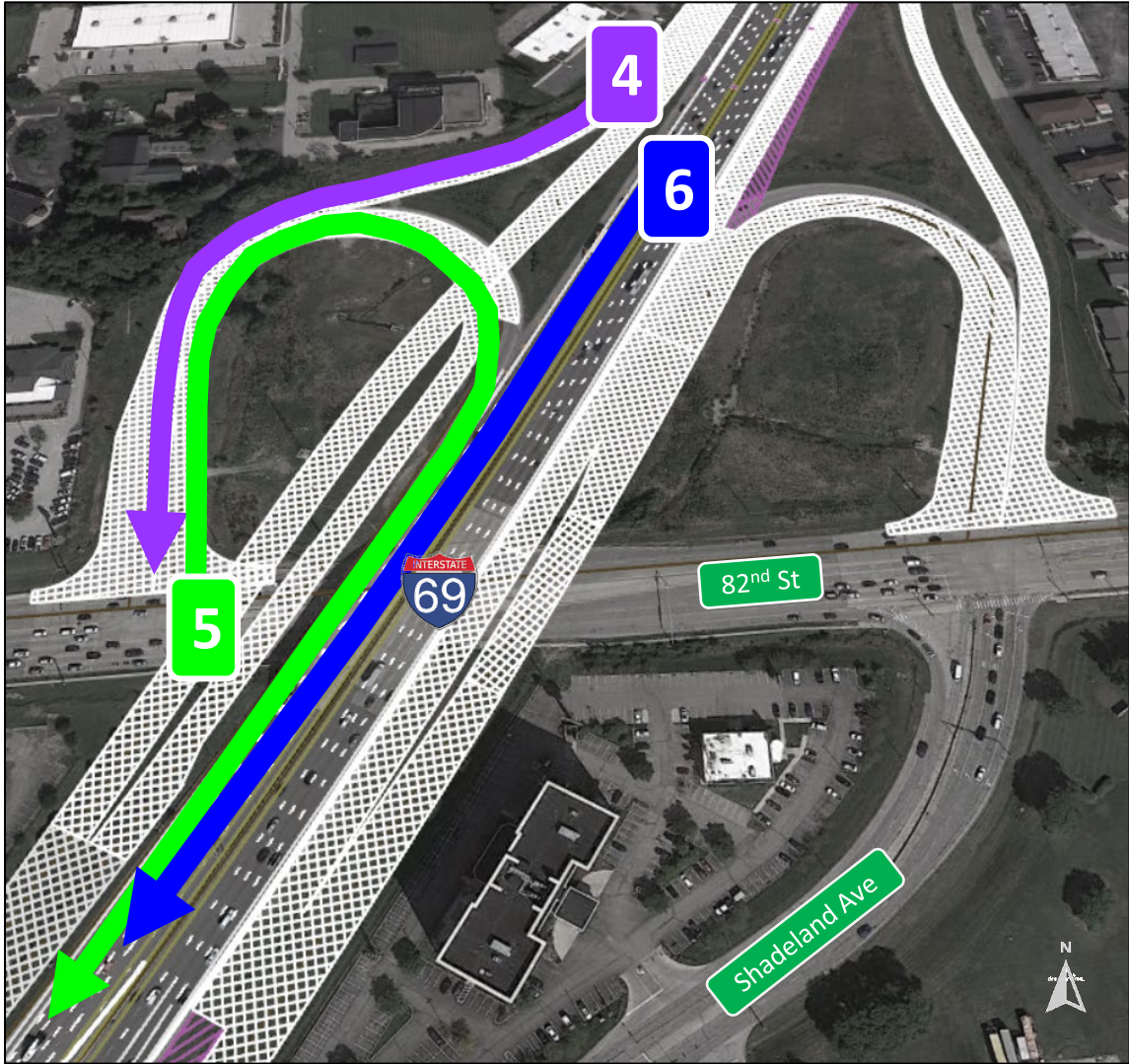
# Maintenance of Traffic

## MOT Phase 2

### Southbound Ramps at 82<sup>nd</sup> Street

- SB I-69 travel lanes remain open
- Exit from SB I-69 to 82<sup>nd</sup> St. is open
- Entrance from 82<sup>nd</sup> St. to SB I-69 is open but no access to WB I-465 or SB Binford Blvd.
- Off-Line construction occurs to the outside
- Emergency Vehicle Access

		Phase							
		1	2	3	4	5	6	7	8
82 <sup>nd</sup> Street	4	SB I-69 to 82nd St. Exit	closed	open	open	open	open	open	open
	5	82nd St. to SB I-69 / SB I-465	closed	open	open	open	open	open	open
	6	82nd St. to SB I-69 / WB I-465/ SB Binford	closed	closed	open	open	open	open	open





# Maintenance of Traffic

## MOT Phase 2

### Southbound Ramps at 82<sup>nd</sup> Street

- SB I-69 travel lanes remain open
- Exit from SB I-69 to 82<sup>nd</sup> St. is open
- Entrance from 82<sup>nd</sup> St. to SB I-69 is open but no access to WB I-465 or SB Binford Blvd.
- Off-Line construction occurs to the outside
- Emergency Vehicle Access

			Phase							
			1	2	3	4	5	6	7	8
82 <sup>nd</sup> Street	4	SB I-69 to 82nd St. Exit	closed	open	open	open	open	open	open	open
	5	82nd St. to SB I-69 / SB I-465	closed	open	open	open	open	open	open	open
	6	82nd St. to SB I-69 / WB I-465/ SB Binford	closed	closed	open	open	open	open	open	open





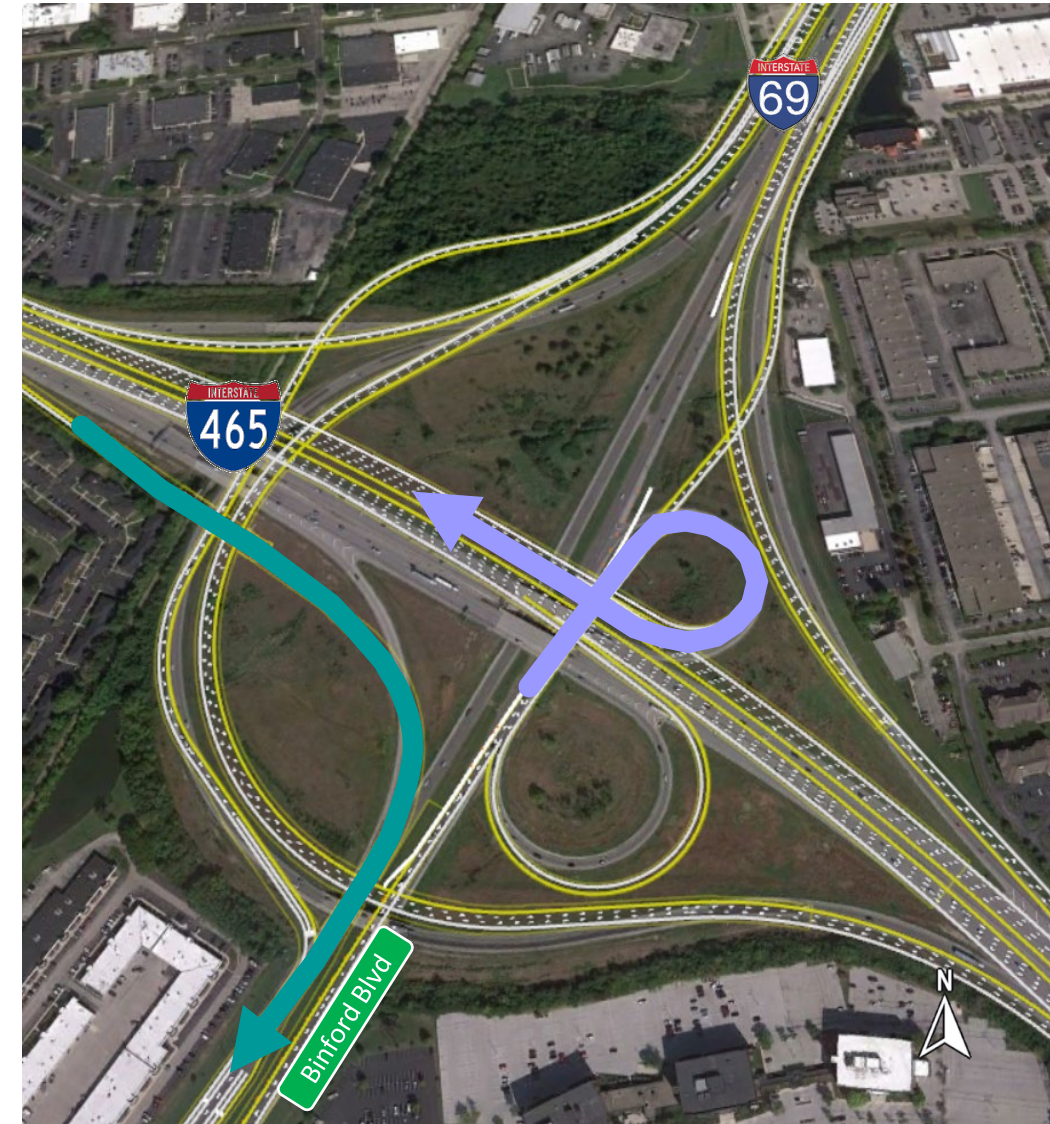
# Maintenance of Traffic

## MOT Phases 1-8

### I-465 / I-69 Interchange Ramp Closures

- NB Binford Blvd. to WB I-465 Loop Ramp (closure continues from Contract #1)
- EB I-465 to SB Binford Blvd. (during summer months)
- Emergency Vehicle Access

			Phase							
			1	2	3	4	5	6	7	8
I-465	7	I-465 EB to Binford SB	open	open	open	open	closed	open	open	open
		I-465 EB to I-69 NB	open	open	open	open	open	open	open	open
		I-69 SB to I-465 SB	open	open	open	open	open	open	open	open
		I-465 NB to I-69 NB	open	open	open	open	open	open	open	open
	8	Binford NB to I-465 WB	closed	closed	closed	closed	closed	closed	open	open
		I-69 SB to I-465 WB	C1 Temp Ramp	C1 Temp Ramp	C1 Temp Ramp	open	open	open	open	open







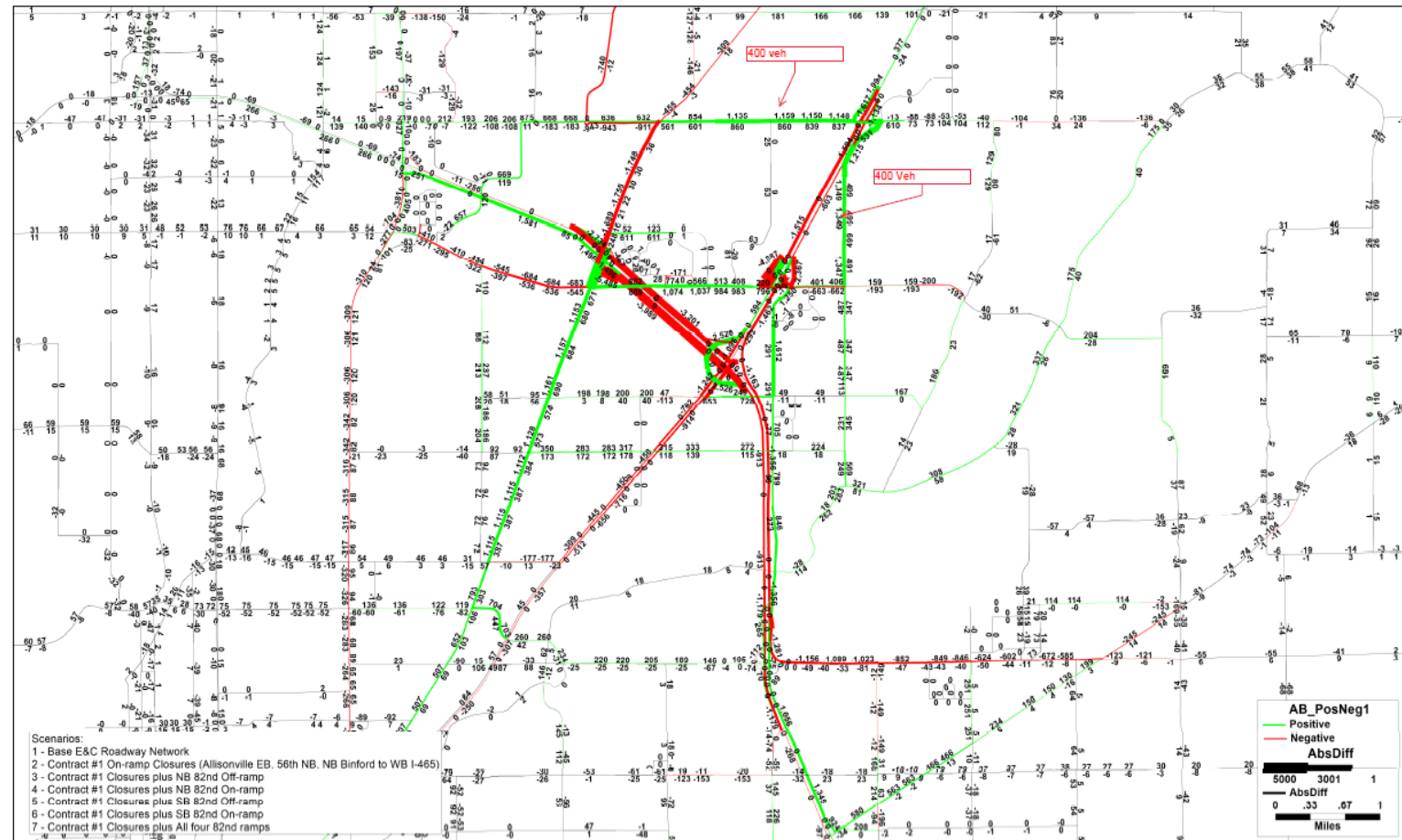
# **Traffic Diversion**

## **Forecasts during**

## **Construction**

# Traffic Diversion – Forecasts during Construction

- Requested Indy MPO to perform regional travel demand model runs
- Model runs for each major MOT Phase by AM and PM peak periods (3-hour)
- Compared MOT Phases to Base conditions to get the change in traffic and create these difference plots
- Converted peak-period volumes to peak-hour volumes

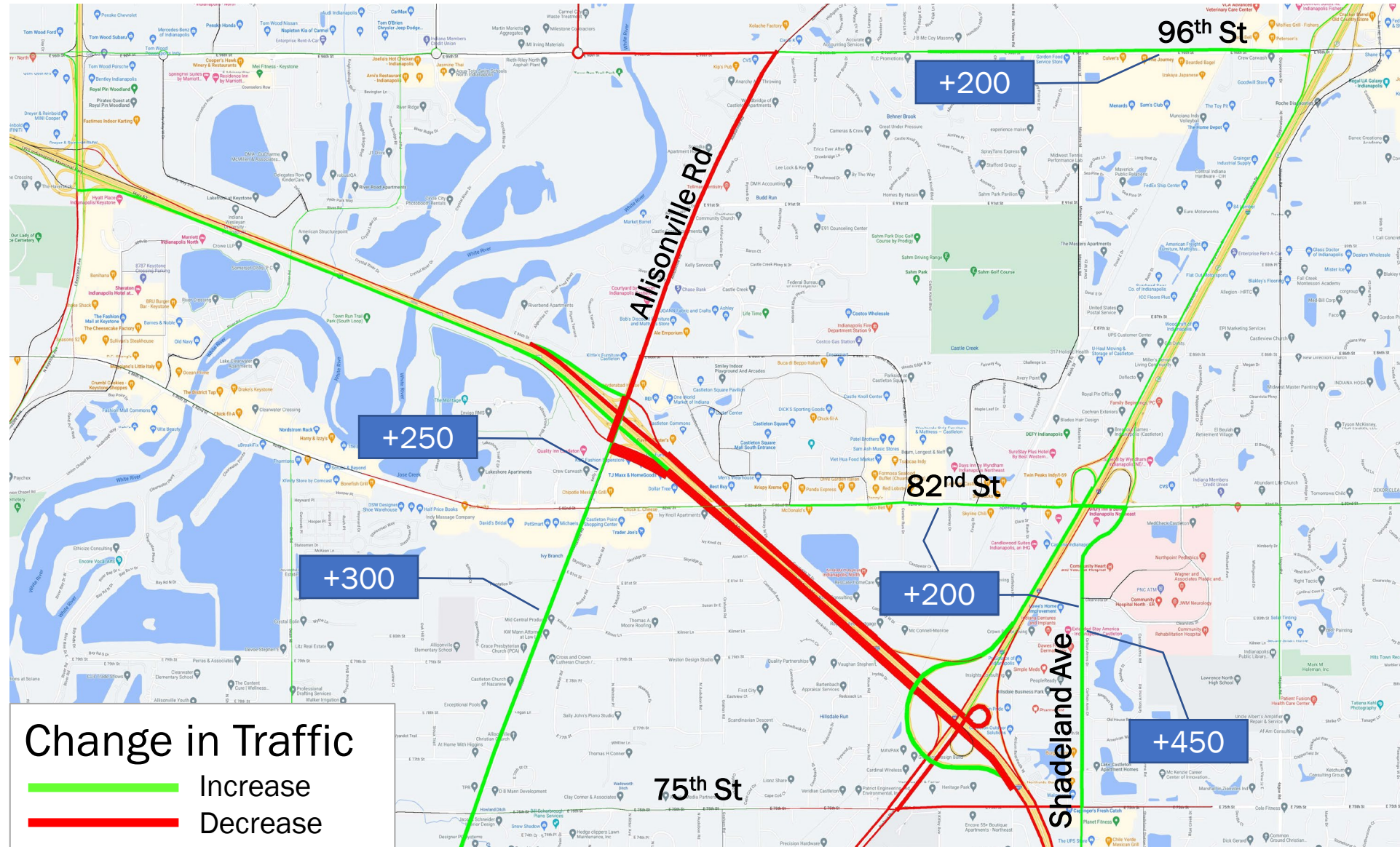




# Traffic Diversion – Contract 1 Ramps Closed

AM Peak Hour – Closed:

- EB Allisonville Road On-Ramp
- NB Binford Blvd. to WB I-465 Loop Ramp
- NB 56<sup>th</sup> St. On-Ramp

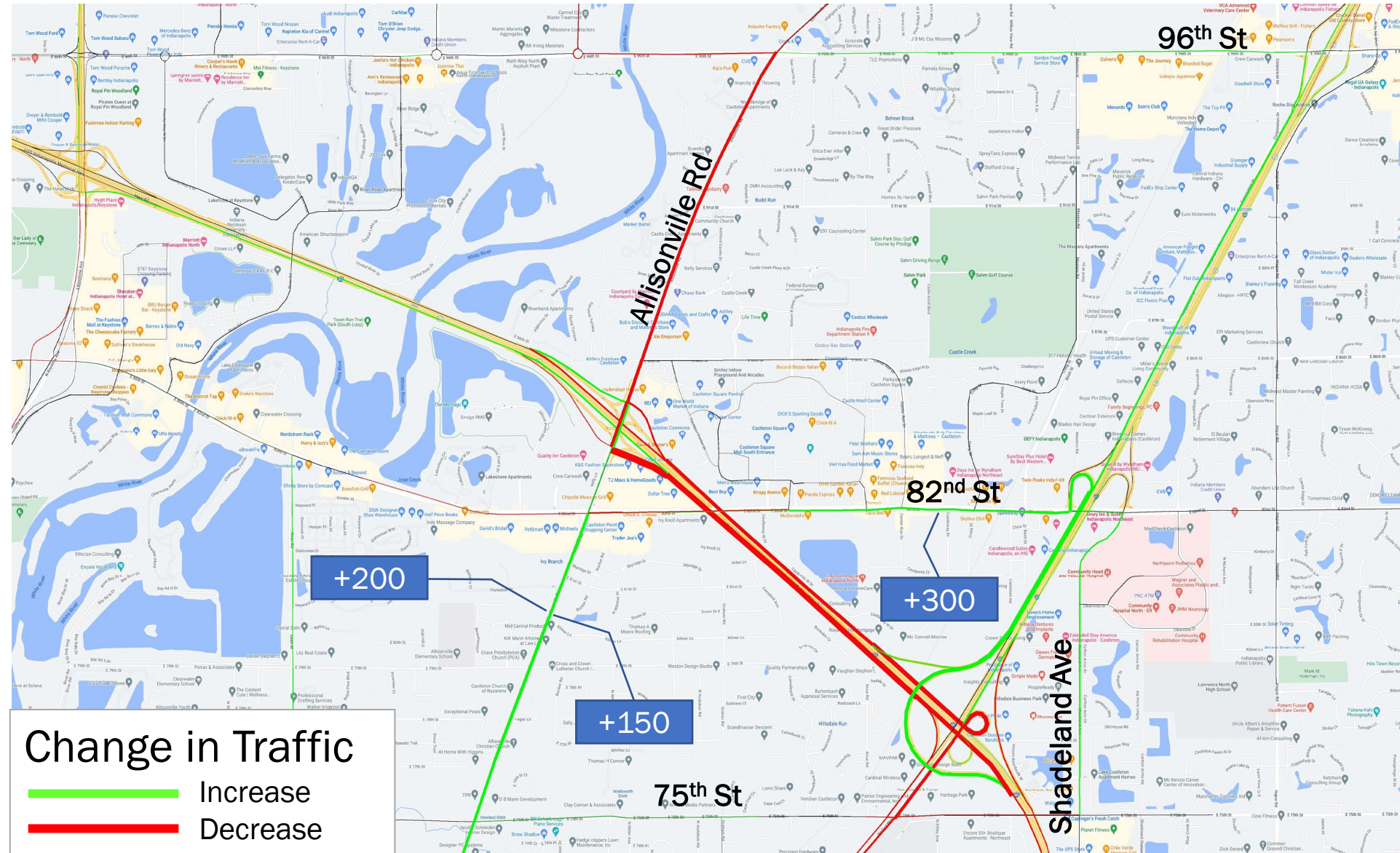




# Traffic Diversion – Contract 1 Ramps Closed

PM Peak Hour – Closed:

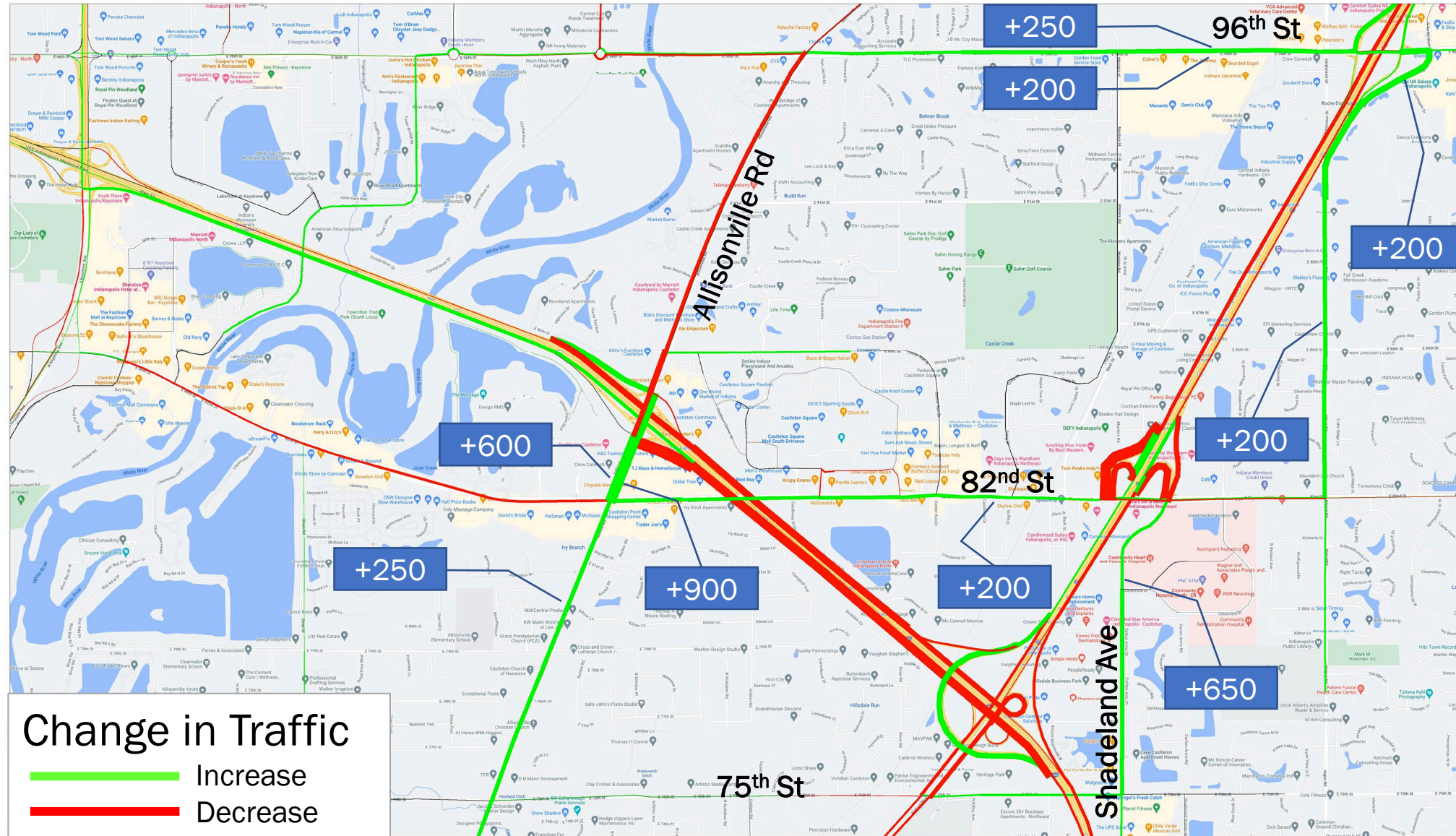
- EB Allisonville On-Ramp
- NB Binford to WB I-465 Loop Ramp
- NB 56th St On-Ramp





# Traffic Diversion – Contract 1 + All 82nd St Ramps Closed

AM Peak Hour





**Change in Traffic**

— Increase  
— Decrease

# Change in Traffic

— Increase

— Decrease





# **Other** **TMP Topics**

# TMP Topics



## Other TMP Topics

- 82<sup>nd</sup> Street Lane Closures (1-lane in each direction) to construct bridges, retaining walls, signals, sidewalk, etc.
- Maintain pedestrian access along 82<sup>nd</sup> Street on one side (either north side or south side)
- Adjacent Projects (DPW, Fishers)
- MOT Phase Changes (Close ramps at 82<sup>nd</sup> Street / 96<sup>th</sup> Street / I-465 interchange)
- Binford Blvd. / 75<sup>th</sup> Street intersection construction – split signal phasing
- Emergency Vehicle Access

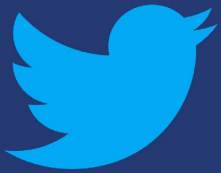


**PUBLIC INVOLVEMENT**  
**STAY INFORMED**



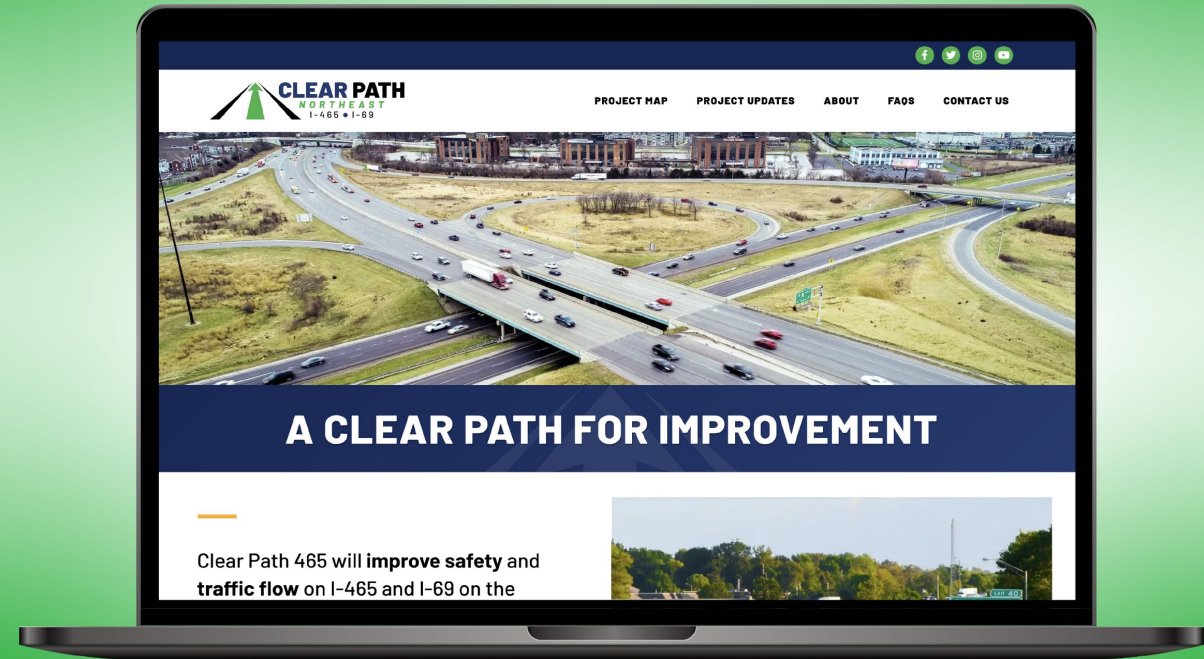
**STAY IN TOUCH**

**STAY INFORMED**



**@ClearPath 465**

**Project information,  
FAQs and more.**



**ClearPath465.com**

# CONTACT US

 1-855-INDOT4U (1-855-463-6848)

 [www.INDOT4U.com](http://www.INDOT4U.com)

 [INDOT@indot.in.gov](mailto:INDOT@indot.in.gov)

Reference **Clear Path 465** in request



**THANK YOU**

