

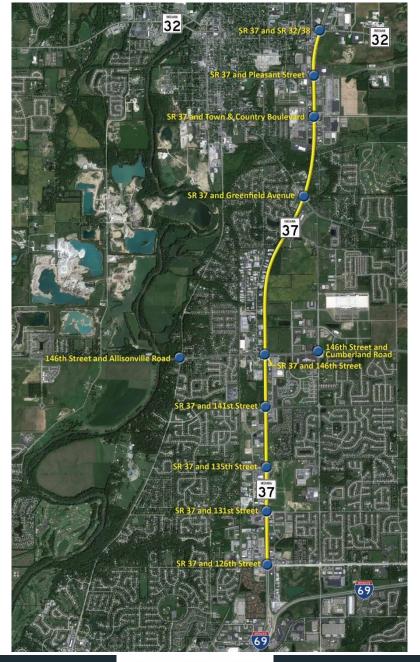








# **PROJECT AREA**





### **PURPOSE & NEED**

#### **NEED:** Congestion

- Under existing conditions (2010), 3 of the 8 intersections operate at substandard LOS in the PM peak period. 6 of the 8 intersections have at least one leg operating at substandard LOS in the PM peak period.
- In the forecast year (2036) 7 of the 8 intersections are forecasted to operate at LOS F in the PM peak period; the 8th intersection is forecasted to operate at LOS E.

#### **PURPOSE: Reduce Congestion**

• Eliminate existing and forecasted congestion at the eight signalized intersections on SR 37 between 126<sup>th</sup> Street and SR 32.

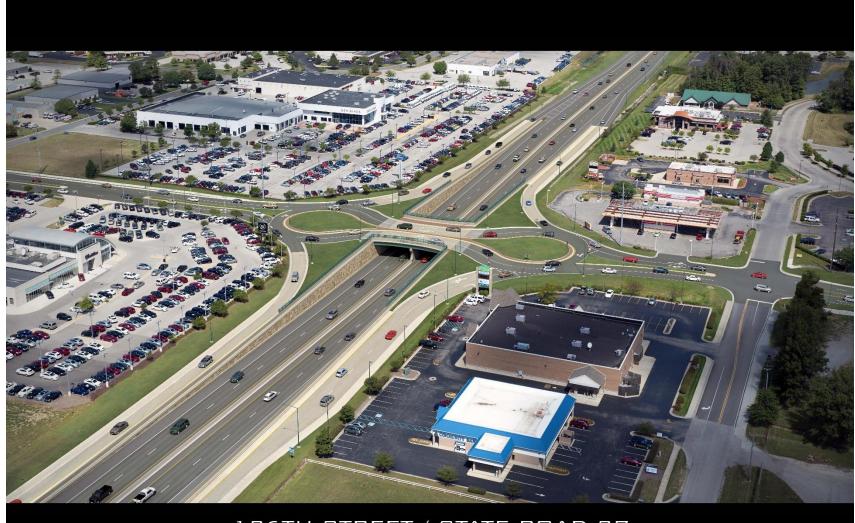


#### PROJECT DESCRIPTION

- Reconstruct SR 37 to expressway with grade separated interchanges (roundabouts) at: 126<sup>th</sup> St., 131<sup>st</sup> St., 141<sup>st</sup> St., 146<sup>th</sup> St., Greenfield Ave., Town & Country Blvd., Pleasant St. and SR 32
- Right in/right out access at 135<sup>th</sup> St.
- 2 Drainage easements: 1  $^{\sim}$  midway between 126<sup>th</sup> & 131<sup>st</sup> and 1 along 141<sup>st</sup> both west of SR 37
- Interchanges will include sidewalks and crosswalks for pedestrians and cyclists
- Construction of the 126<sup>th</sup> St., 131<sup>st</sup> St., 141<sup>st</sup> St., 146<sup>th</sup> St. prior to the northern 4



# **INTERCHANGE RENDERING**



126TH STREET / STATE ROAD 37

Hamilton County, Indiana



# **CURRENT SCHEDULE**

MAY 18 Notice to Proceed

JUNE 3 Survey Notification Letters Mailed

**AUGUST 31 Survey Complete** 

NOVEMBER 14 Stage 1 Plans

JANUARY 11 Preliminary Field Check

APRIL 12 Public Hearing

SCHEDULE													
2016								2017					
MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
	•												
		• •											
						•							
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# **DESIGN STATUS**

- Working on 30% Design
- Focusing on
  - Interchange Layouts
  - Vertical Profiles
  - Overall drainage plan
  - Anticipated Right-of-Way impacts
- Review Submission by November 15, 2016



### **ENVIRONMENTAL STATUS**

- Proceeding with the project as an Environmental Assessment (EA)
- Working on adding project into the Long Range Plan
- Red Flag Investigation & Phase I Hazmat Report at INDOT in review
- Waters Report currently ongoing
- Historic Property & Archaeology Reports complete
- Resource Agency Coordination Letter sent to resource agencies on 9/13



### **DRAINAGE STATUS**

## COMPLETED TASKS

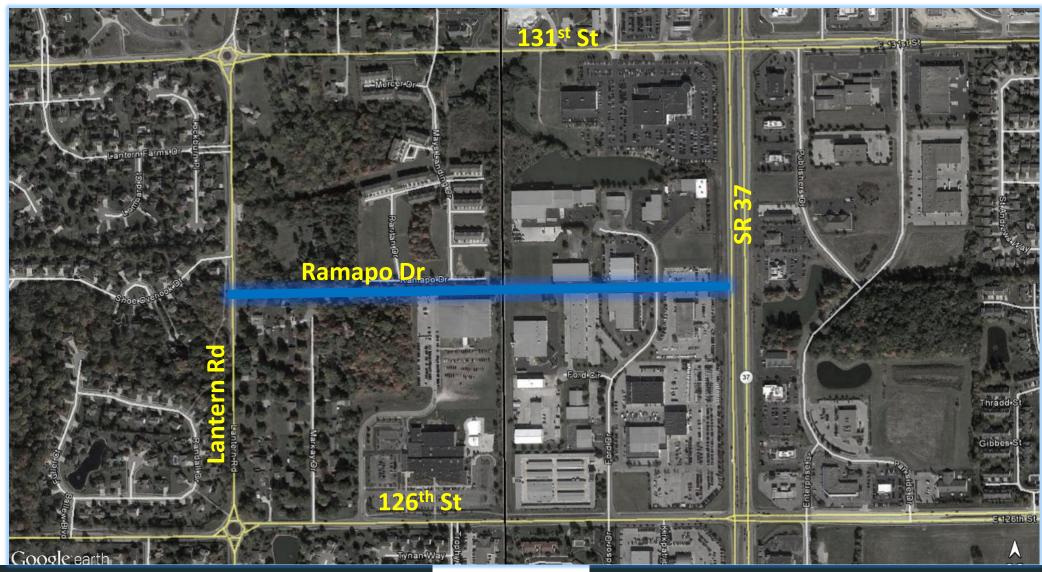
- Preliminary Field Survey
- Geotechnical Field Work (Borings)

### • IN-PROGRESS TASKS

- Preliminary analysis of hydraulic impacts
- Finalizing geotechnical report
- 30% plan design



# **DRAINAGE STATUS – North Corridor**





# **DRAINAGE STATUS – South Corridor**

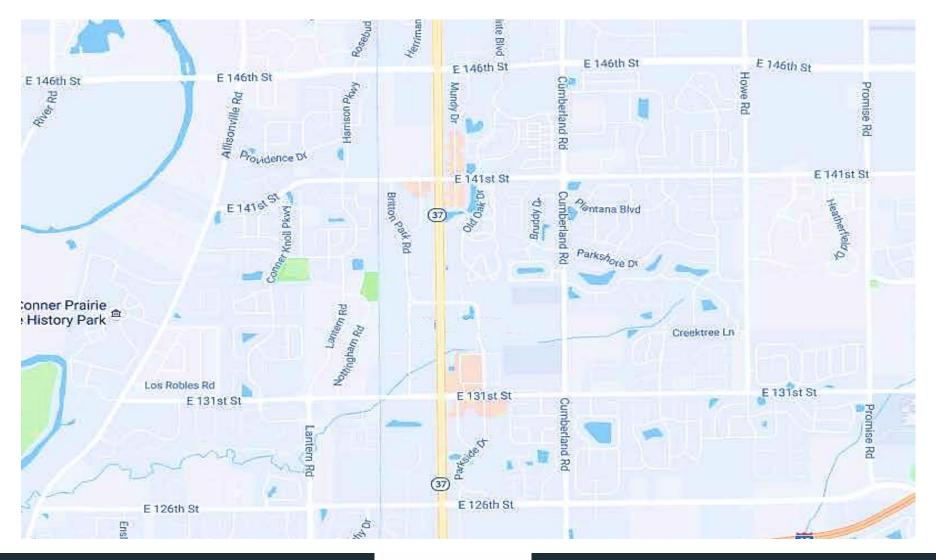




# **DRAINAGE STATUS – Preliminary Analysis Report**

- Existing watershed and stream flood conditions
- Proposed SR 37 outfall structures
- Review discharges, water levels, and flow velocities during rainfall events
- Recommendations to minimize impacts to the existing stream channels and adjacent properties.

# TRAFFIC INFORMATION – STUDY AREA



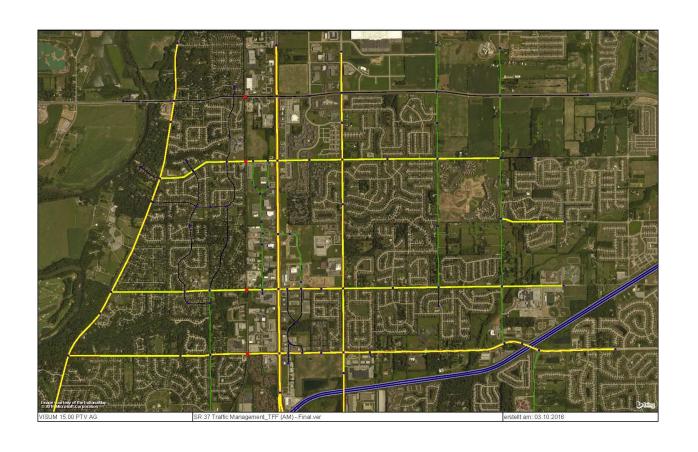
## TRAFFIC INFORMATION – EXISTING MODEL

### **Data Collection**

- Traffic Volume Counts
- Bluetooth Capturing
- Roadway Geometric Review

# **Develop Model**

- Existing Conditions
- Roadway Network
- Calibration



#### TRAFFIC INFORMATION – CONSTRUCTION SCENARIO MODEL

- Two locations constructed per year
- SR 37 to remain two lanes in each direction
- Possible sequencing:
  - 141<sup>st</sup> Street & 126<sup>th</sup> Street
  - 146<sup>th</sup> Street & 131<sup>st</sup> Street
  - 141st Street & 131st Street

- Hot Spot Identification:
  - Identify areas with increased volumes
  - Identify potential improvements
  - Roadway closures
  - Addition of turn lanes
  - Addition of signals
  - Re-stripping
  - Changing signal timings
  - Traffic calming devices



## TRAFFIC INFORMATION – DURING CONSTRUCTION

### **Ongoing Data collection**

- Traffic Volume Counts
- Bluetooth Capturing
- Travel Time Runs
- Site Visits

**Implement Traffic Control Strategies** 

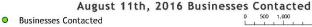


## **BUSINESSES CONTACTED**

#### **Business Owner Outreach Meetings**

- 210 Unique Business Owner Contacts
- Approximately 80 businesses were represented at the June 15<sup>th</sup> meeting held at Pinheads
- Approximately 78 businesses were represented on September 21<sup>st</sup> at Ben & Ari's









## **HOMEOWNERS CONTACTED**

#### **Homeowner Outreach Meetings**

- 102 Unique Homeowner Contacts
- Approximately 50 homeowners attended the July 27<sup>th</sup> meeting held at Fishers Junior High
- One off meetings held with residents along Weaver Creek ditch to discuss drainage.
- CAC meeting following Stage 1 Plans



QUESTIONS?

sr37@fishers.in.us

# **PROJECT WEBSITE**

www.fishers.in.us/SR37Improvements



