



# INDIANA DEPARTMENT OF TRANSPORTATION

Crawfordsville District  
41 West 300 North  
Crawfordsville, Indiana 47933

PHONE: (855) 463-6848  
FAX: (765) 364-9226

**Eric Holcomb, Governor**  
**Michael Smith, Commissioner**

Wednesday, December 13, 2023

Welcome Local Resident, Interested Citizen, and Elected / Local Public Official:

**Welcome to the Indiana Department of Transportation's (INDOT) public hearing regarding proposed Pavement Replacement Project on State Road (SR) 18 and SR 43 in Brookston, White County (Des. No. 2001828).**

The purpose of this public hearing is to offer all interested persons an opportunity to comment on current design plans and the environmental document for this project.

There are several ways your comments may be presented this evening and following tonight's public hearing. You may submit comments in the following manner:

1. **Complete** a comment form and return it to an INDOT representative attending the public hearing. Comment forms are available at the sign-in table and also included in your information packet.
2. **Participate** as speaker during the comment session following tonight's presentation.
3. **E-mail** comments to the INDOT Project Manager, Jessica Miller at: [jemiller1@indot.in.gov](mailto:jemiller1@indot.in.gov) or RQAW Project Manager at [dkurtz@rqaw.com](mailto:dkurtz@rqaw.com).
4. **Mail** comments to Jessica Miller at INDOT Crawfordsville District at 41 West 300 North, Crawfordsville, Indiana 47933. Or to Daniel Kurtz at RQAW at 8770 North Street, Suite 110, Fishers, IN 46038.
5. **Call** Jessica Miller (INDOT PM) at 765-361-5224 or Daniel Kurtz (RQAW PM) at 317-588-1756.
6. **Visit** the Crawfordsville District webpage to learn more about this project at [Crawfordsville.indot.in.gov](http://Crawfordsville.indot.in.gov).
7. **Submit comments (or have comments postmarked by) December 28, 2023**. Comments will be reviewed and considered as part of the INDOT decision making process.
8. **Questions?** Contact INDOT Customer Service at 1-855-INDOT-4-U (1-855-463-6848) [INDOT@indot.in.gov](mailto:INDOT@indot.in.gov).

The Crawfordsville District is responsible for maintaining 5,003 lane miles of state roads, 850 lane miles of interstate, 1,556 large culverts, 899 state bridges, 159 snow routes, 378 traffic signals, 89 flashers, 48,283 road signs, and 969 panel signs.

There are five subdistricts (Cloverdale, Crawfordsville, Frankfort, Terre Haute and West Lafayette) and 13 counties (Benton, Boone, Clay, Clinton, Fountain, Hendricks, Montgomery, Parke, Putnam, Tippecanoe, Vermillion, Vigo and Warren) in this west central Indiana district.

## **Public Hearing Agenda**

Meeting Called to Order

Formal presentation

Public Comment Session

Informal Session (Not part of official record)

All substantive comments received prior to, during and following the public hearing will be evaluated and responded to in writing within subsequent project documentation. The documentation will address concerns presented during the public hearing process and describe project decisions reached following careful consideration of the views and concerns of the public.

**The project team will be available in the display area to explain project details and address questions prior to and following the public hearing.**

The draft environmental document is available for public review and inspection at the following locations:

- Public Viewing Locations:
  - Brookston – Prairie Township Public Library: 111 West 2nd Street, Brookston, Indiana, 47923
  - INDOT Crawfordsville District at: 41 West 300 North, Crawfordsville, IN 47933
- INDOT District Webpage:
  - [Crawfordsville.indot.in.gov](http://Crawfordsville.indot.in.gov)

**Thank you for attending tonight's public hearing.**



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**Michael Smith, Commissioner**

## Project Location:

The Federal Highway Administration (FHWA) and the Indiana Department of Transportation (INDOT), Crawfordsville District is proceeding with a federal aid roadway project along State Road (SR) 18 (West Fowler Road) and SR 43 (South Prairie Street) in the Town of Brookston. This project extends SR 18 from 0.12 mile west of SR 43 (North Clawil Street) east to SR 43. The project limits also extend along SR 43 from SR 18 to 0.57 mile south of SR 18 (just north of Moots Creek Bridge) for a total work length of approximately 6.9 miles.

## Project Description:

The preferred alternative includes the following elements:

- Performing full depth pavement replacement of the roadway.
- Removing the underlying brick during the pavement replacement.
- Applying new pavement markings.
- Installing new curb and gutter.
- Repairing or replacing damaged curb or sidewalk, as necessary.
- Repairing or replacing damaged signage or monuments, as necessary.
- Repairing or replacing damaged inlet curb drains, as necessary.
- Upgrading existing guardrail end treatments that do not meet current standards, as necessary.
- Grading roadside ditches to Moots Creek, as necessary.
- Constructing an outfall pipe that outlets into a ditch that drains into Moots Creek.
- Replacing an 18-inch diameter corrugated metal pipe (CMP) in-kind.
- Installing a new underdrain system.
- Installing a new storm sewer trunk line that varies in diameter from 24 to 54-inches.
- Reconstructing driveways and roadway approaches to tie into the proposed roadway profile, as necessary.
- Replacing existing curb ramps that do not meet current Americans with Disabilities (ADA) standards at the following locations.

Intersection	Quadrant	Number of Curb Ramps
SR 18 and North Clawil Street	Northeast (NE), northwest (NW), and southeast (SE) corners	3
SR 18 and North Ripley Street	SE and southwest (SW) corners	2
SR 18 and SR 43 (north junction)	NW and SW corners	2
SR 43 and West 1 <sup>st</sup> Street	All four corners	6
SR 43 and West 2 <sup>nd</sup> Street	All four corners	8
SR 43 and West 3 <sup>rd</sup> Street (south junction)	All four corners	5
SR 43 and West 4 <sup>th</sup> Street	All four corners	8
SR 43 and West 5 <sup>th</sup> Street	All four corners	5
SR 43 and West 6 <sup>th</sup> Street	All four corners	4
SR 43 and West 7 <sup>th</sup> Street	All four corners	5
SR 43 and West 8 <sup>th</sup> Street	NW and SW corners	2
SR 43 and West 9 <sup>th</sup> Street	NW and SW corners	2
SR 43 and South Ripley Street / West 10 <sup>th</sup> Street	NW and SW corners	2
<b>Total</b>		<b>54</b>

### **Maintenance of Traffic (MOT):**

The Maintenance of Traffic (MOT) will maintain vehicular traffic using full and partial road closures and an official detour route for large, through-truck type traffic. The road closure will occur in two phases. Phase 1 will close SR 43 from the Moots Creek Bridge to the south junction of SR 18 (West 3<sup>rd</sup> Street). The official detour will use Interstate (I)-65, SR 18, SR 43, U.S. Highway (US) 421, and US 24. The official detour will be approximately 42.4 miles long and add approximately 41.8 miles for motorists. Phase 2 will partially close SR 18 and SR 43 from the south junction of SR 18 (West 3<sup>rd</sup> Street) to North Clawil Street. The official detour will use I-65, SR 43, SR 18, US 421, and US 24. The official detour will be approximately 41.2 miles long and add approximately 40.9 miles for motorists. Access to all properties within the project area will be maintained during construction.

The MOT plan for this project will maintain pedestrians on-site via a detour to the adjacent side street to avoid the intersection under construction where sidewalks currently exist. Temporary curb ramps and crosswalks will be provided to detour pedestrians around each intersection while under construction. Signage indicating the sidewalk is closed and showing locations where pedestrians can cross will be placed during construction. Project stakeholders, including local school corporations and emergency services, will be notified of potential closures and / or detours prior to any construction.

### **Purpose and Need:**

#### **Need:**

The need for the project is due to the deteriorated condition of the existing asphalt pavement and drainage issues along SR 18 and SR 43 from 0.12 mile west of SR 43 (North Clawil Street) to 0.57 mile south of SR 18 (just north of Moots Creek bridge). According to the Abbreviated Engineering Assessment (Parsons, January 2020), the existing pavement has severe fatigue cracking, potholes, and rutting. Most curbing is buried by earlier roadway overlay projects and inlet curb drains are obstructed by vegetation. Both factors decrease the effectiveness of directing stormwater to the existing inlets which results in ponding, poor drainage, and decreased pavement structural capacity. The International Roughness Index (IRI) is a statistic used to show how smooth or rough a pavement surface is; a lower IRI means a smoother pavement surface and a higher IRI means a rougher pavement surface. For these segments of roadway, the IRI is 118 inches / mile. Per the FHWA Pavement Condition Criteria 4, the IRI for “good” pavement is less than or equal to 95.

#### **Purpose:**

The purpose of the project is to improve the pavement condition to an IRI of less than or equal to 95 and enhance drainage along SR 18 and SR 43 from 0.12 mile west of SR 43 (North Clawil Street) to 0.57 mile south of SR 18 (just north of Moots Creek bridge).

### **Right-of-Way:**

This project will require approximately 0.90 acre of permanent right-of-way and 0.15 acre of temporary right-of-way. Additionally, this project will need to re-acquire approximately 0.30 acre of right-of-way consisting of the paved surface of the roadway (from centerline to the back of curb) which is currently in transportation use.

### **Schedule:**

- Public Comments Due: December 28, 2023
- Finalize Environmental Document: Spring 2024
- Right-of-Way Acquisition: August 2024
- Contractor Award of Project (Letting): January 2025
- Construction: Spring 2025

### **Cost:**

The estimated cost of this project is approximately \$6.4M and uses both federal and state funds.

**Project Resource Locations:**

Brookston – Prairie Township Public Library  
111 West 2<sup>nd</sup> Street  
Brookston, IN 47923

INDOT Crawfordsville District  
41 West 300 North  
Crawfordsville, IN 47933

You are also encouraged to visit the project webpage at: ([Crawfordsville.indot.in.gov](http://Crawfordsville.indot.in.gov)) to learn more about this project and review the project documents, including the design plans and environmental document.




**SR 43 & SR 18 Pavement Replacement**  
**Wednesday, December 13, 2023**




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## Welcome



- Meeting format
  - Formal Presentation
  - Formal Public Comment Period
  - Adjourn Formal Hearing
- Purpose of meeting
- Information packet



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## Project Team





**Jessica Miller**  
Project Manager  
INDOT Crawfordsville District




**Debbie Calder**  
District Deputy Commissioner  
INDOT Crawfordsville District




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## Project Team






**Daniel Kurtz, PE**  
Senior Project Manager  
RQAW Corporation




**Kyle Boot**  
Architectural Historian  
RQAW Corporation




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## Project Team





**Benjamin Wernz, EI**  
Project Engineer  
RQAW Corporation




**Joe Dabkowski, PWS**  
Director of Environmental  
RQAW Corporation



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## Why a Public Hearing?




**Conducted as a requirement to the National Environmental Policy Act (NEPA)**

- NEPA requires evaluation of potential impacts to surrounding natural, cultural, and social environments.
- The environmental document describes the purpose and need, alternatives, impacts, and mitigation.
- Requires opportunity for the public to be involved and comment in the decision-making process of said impacts



Source: U.S. Department of the Interior




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## Environmental Document

- **Categorical Exclusion (CE) Level 2 under development**
  - Released for Public Involvement on August 28, 2023
  - Published Legal Notice
    - The Herald Journal
    - November 23 and November 30, 2023
- **Legal Notice announces the public hearing and provides notification that the CE-2 is available for viewing.**



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## How Can You Participate?

- **Verbally**
  - Formal Public Comment Session
    - All formal comments will be recorded for the record.
- **Comment Form**
  - Submit via mail, email, or place in comment box.
- **Email**
  - Daniel Kurtz (RQAW) dkurtz@rqaw.com
  - Jessica Miller (INDOT) jemiller1@indot.in.gov
- **Comment Period Ends**
  - December 28, 2023

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## How Are Comments Addressed?

- **All comments will be addressed in the Final Environmental Document as a result of:**
  - The public statements recorded at a public hearing.
  - All written comments, concerns, and suggestions such as letters and emails received during the comment period.
- **Informal comments are always welcomed; however, please note that general conversations are not part of the official record.**

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## Elements of Environmental Documentation


- **Public involvement**
- Right-of-way
- Streams & wetlands
- Karst
- Threatened & endangered species
- Floodplains
- Farmland
- **Historic & Archaeological**
- Section 4(f) & 6(f)
- Air quality
- Noise
- **Community impacts**
- Environmental Justice
- Relocations
- Hazardous materials



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## Project Location



SR 43 (Prairie St):  
Bridge over Moot's Creek to SR 18 (Fowler Rd)

SR 18:  
N Clawil St to SR 43

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## Purpose and Need

- The need for the project is due to the deteriorated condition of the existing asphalt pavement and drainage issues along SR 18 and SR 43. The existing pavement has severe fatigue cracking, potholes, and rutting. Most curbing is buried by earlier roadway overlay projects and inlet curb drains are obstructed by vegetation.
- The purpose of this project is to improve the pavement condition and enhance drainage by installing new curb & gutter and storm sewer.

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## Alternatives Studied



- No Build
  - Perform routine maintenance only
  - Does not meet purpose and need
- Other alternatives other than the “No Build” alternative were not evaluated.

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## Project Scope of Work



### Pavement Replacement

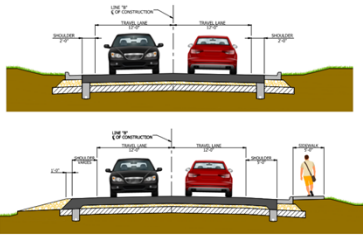
- Install new storm sewers and inlet structures
- New curb & gutter and curb ramps to be ADA compliant.
- New pavement, and pavement markings.
- Updated traffic signals at Prairie St & 3<sup>rd</sup> St intersection, with ADA pushbutton pedestals for the crosswalks.

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## Proposed Typical Section



- Pavement Replacement



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## Conceptual Maintenance of Traffic



### Phase 1

- Construct SR 43 from Moot's Creek Bridge up to 3<sup>rd</sup> St. 3<sup>rd</sup> St open to local traffic during this portion.
- 3<sup>rd</sup> St planned to be closed for a short duration for construction of the intersection.
- Spring 2025 – Fall 2025



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## Conceptual Maintenance of Traffic



### Phase 1

- Contractor to coordinate with homeowners and businesses.
- Utilize side-streets for access in or out.



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## Conceptual Maintenance of Traffic



### Phase 1 (cont.)

- Contractor to coordinate with homeowners and businesses.
- Utilize side-streets for access in or out.
- Spring 2025 – Fall 2025




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## Conceptual Maintenance of Traffic

**Phase 2**

- Construct SR 43 from 3<sup>rd</sup> St up to SR 18, and SR 18 from Clawil St to SR 43.
- Spring 2026 – Fall 2026




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## Conceptual Maintenance of Traffic

**Phase 2**

- Construct SR 43 from 3<sup>rd</sup> St up to SR 18, and SR 18 from Clawil St to SR 43.
- Spring 2026 – Fall 2026



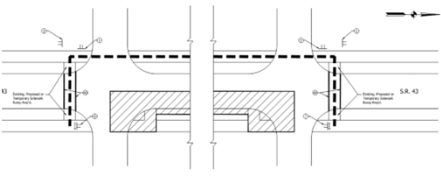
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## Conceptual Maintenance of Traffic

**Pedestrian Access during construction**

- Sidewalks open
- Avoid constructing all 4 corners at once



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## Conceptual Maintenance of Traffic

**Traffic Management Plan**

- Draft Traffic Management Plan submitted early on in the project.
  - June 2022
- Discussed at the Preliminary Field Check with Brookston and INDOT.
  - September 2022
- Final Traffic Management Plan meeting held August 2023.
  - Final concurrence from Brookston and INDOT.

**Work Zone Safety Awareness**  
Work Zone Safety is Everyone's Responsibility

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## Right-of-Way

**Proposed Permanent**

- 0.90 acre
  - Most impacts will be to residential yards between the curb & gutter and the existing sidewalks.

**Proposed Temporary**

- 0.15 acre
  - Driveways are replaced in-kind, seeding & sodding.
  - Contractor to coordinate with homeowner for access during construction.

**Re-acquisition**


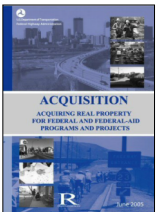
- 0.30 acre

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## Real Estate Acquisition Process

[https://www.fhwa.dot.gov/real\\_estate/uniform\\_act/acquisition/real\\_property.cfm](https://www.fhwa.dot.gov/real_estate/uniform_act/acquisition/real_property.cfm)





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## Real Estate Acquisition Process

- **“Uniform Act” of 1970**
  - All federal, state, and local governments must comply by requiring just compensation.
- **Acquisition Process**
  - Appraisals
  - Review appraisals
  - Amount of compensation cannot be less than fair market value
  - Offer will be made in writing
  - No agreement
    - Mediation
    - Condemnation



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## Estimated Project Cost

- Engineering
  - \$819,250
- Right-of-way
  - \$200,000
- Construction
  - \$5,386,397

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- **Total Estimated Cost**
  - \$6,405,647



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## Project Schedule

- **Final Environmental Document Approval – Spring 2024**
  - Notice of Project Advancement will be distributed to inform the public that the approved environmental document is available for viewing.
- **Right-of-Way Acquisition – August 2024**
- **Letting – January 2025**
- **Begin Construction – Spring of 2025**



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## Construction Communication



- INDOT: Subscribe to INDOT News: <https://secure.in.gov/indot/contact-indot/subscribe-to-indot-news/>
- Select “White County”



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## Thank You

**Thank you for attending.**  
We will now perform the formal comment period

**Comment Period Ends  
December 28, 2023**

Email:  
jemiller1@indot.in.gov  
dkurtz@rqaw.com

Mail:  
Jessica Miller  
41 West 300 North  
Crawfordsville, IN 47933



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