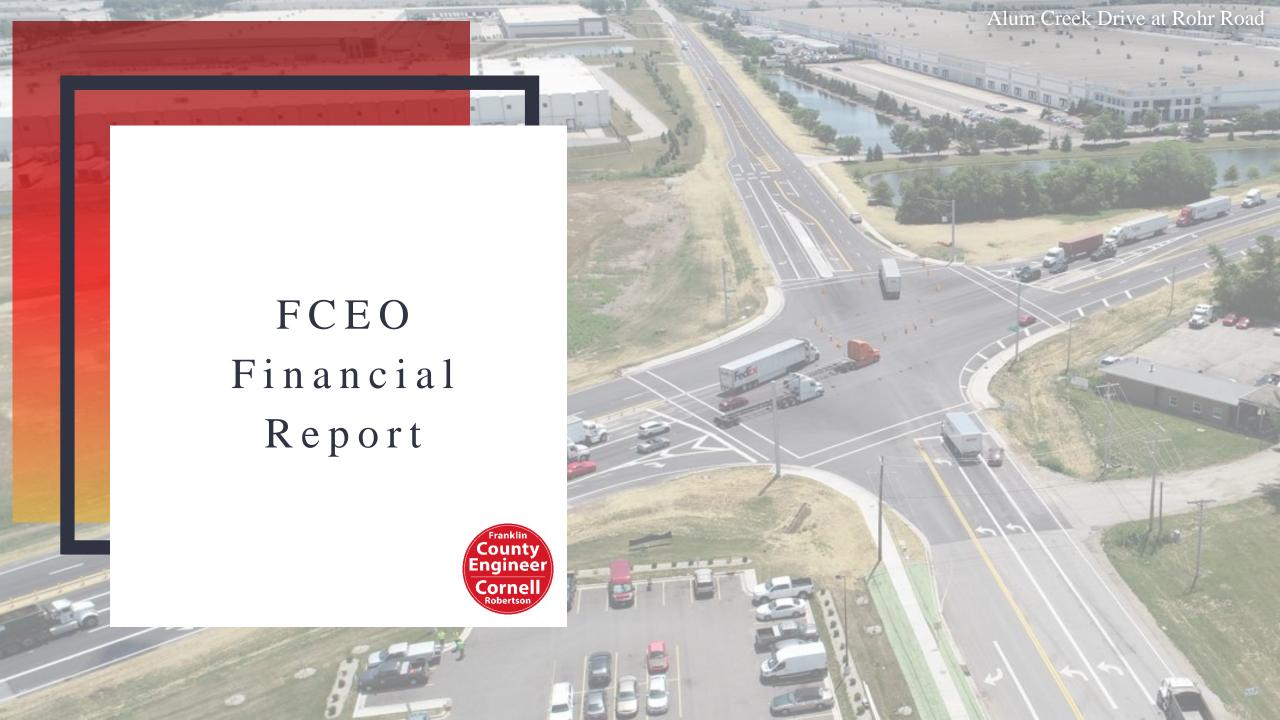


Engineer's
Office
Update





### **DIVERSITY, EQUITY & INCLUSION**

- ➤ Recap of the Vision Statement Paragraph Three
- Revisions to the Franklin County Engineer's Equitable
  Business Enterprise Program for Locally Funded Projects
- Update on FCE EBE Projects
  - > Program Requirements
  - > Review of Common Forms
  - ➤ Number of Projects
  - > FCE EBE Subcontractor Participation
  - > FCE EBE Dollars Spent
  - ➤ Range of Goals/Percentages Set
  - > DBE vs. EBE



Franklir Cornell R. Robert EBE Payment Track	County I son, P.E., P.S. ing Form	Engineer		Cos	Franklin County Engineer ornell R. Robertson, P.E., P.S. ubcontractor & Supplier Payment Tracking Form
nstructions nis form is designed to trac ny estimates Project Name:	sk payments made toward the	Project EBE Goal. This form	must be aubmitted with all	Tois estin	ructions  orn is designed to track payments made to subcontractors and suppliers and must be submitted with all pay notes.  Ject Name:
Contractor: Project Goal (%)	Project Goal (\$)	Project Award Amo		Co	ntractor:
Date: EBE Subcontractor Name	Type of Certified Business (DBE, WBE, MBE etc.)	Pay Estimate #: Amount paid on this pay	Total Amount Paid	Da Sub bair	te: Pay Estimate #: Contractor or Supplier who will be paid as a result of this pay estimate  Please indicate the date payment will be insured an a result of this estimate. Learn black of this estimate. Learn black if IVA.
Signature	1	Name	I fee Parace Balanding to a Form		
Instructions: Complete one lo each completed form, which in preciding ways conditional or FCEO's office will notify the ej GENERAL INFORMATION Proyect Narra Listing Dood	FFIRMATION FORM FOR I make see bit 8 (Fire on the project and the seed of the	t (whether being used toward th other scoeptable written affirm by 5:00PM on the 5 * calendar da ation(x) are approved.		Dat	FCE EBE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  SO WORKS TO A FAIR CRUITING.** TO EAST-SHE FOR FORM  AND A FAIR CRUITING.** TO THE PROJECT SHE FORM  SO WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FORM FOR FCEO LOCALLY FUNDED PROJECTS  A WORKS TO BE AFFIRMATION FOR FORM FORM
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	what is the cost of this service?				

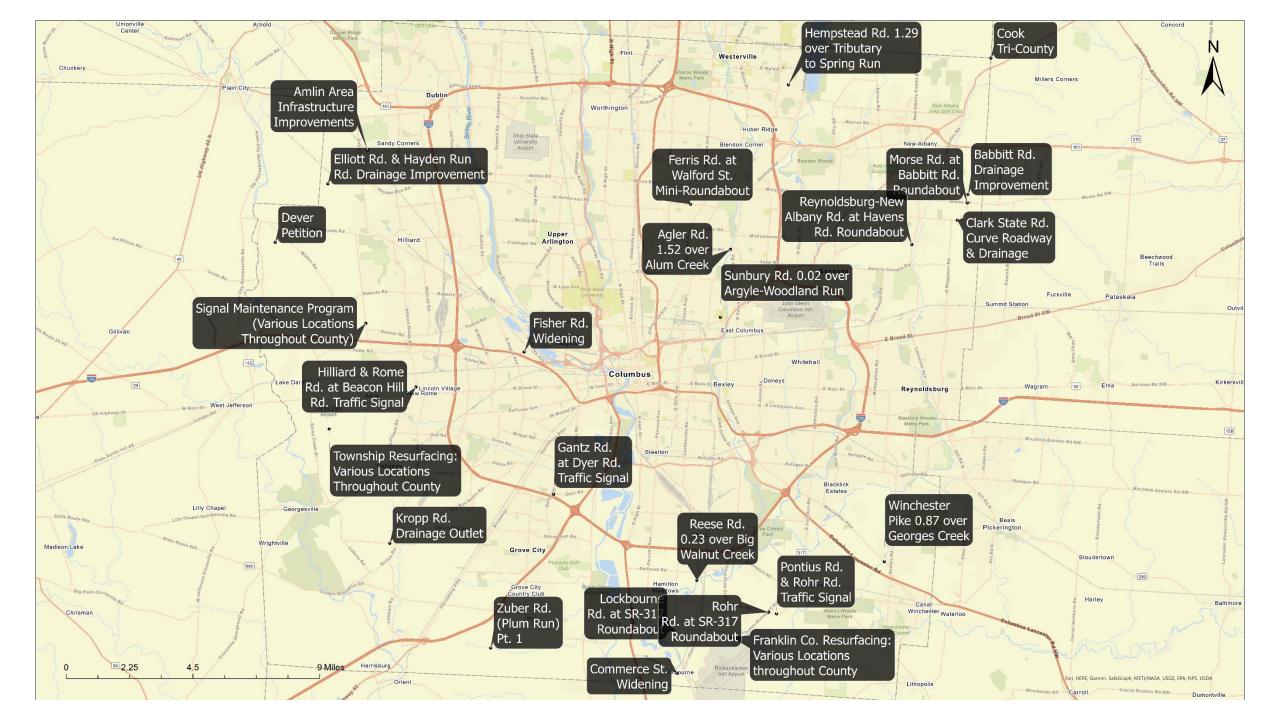
#### **Introduction of Teammates**

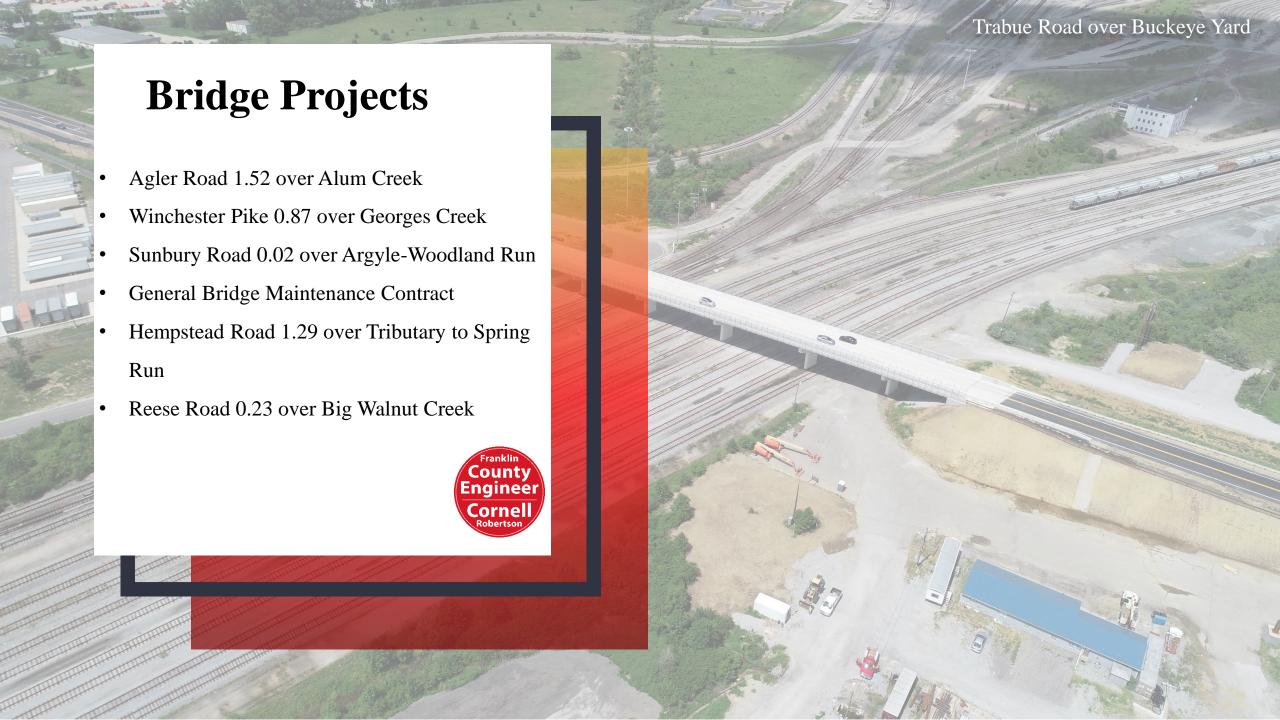
- ➤ Ed Herrick Bridge Engineer
- Brad Foster Highway Design Engineer
- ➤ Jim Ramsey Riparian and Environmental Engineer
- ➤ Jaime Tickle Resurfacing and Special Projects Engineer
- ➤ Mike Andrako Mobility Engineer











### Agler Road 1.52 over Alum Creek

Superstructure Replacement and Trail Connector

Located between Sunbury Road and the KIPP School

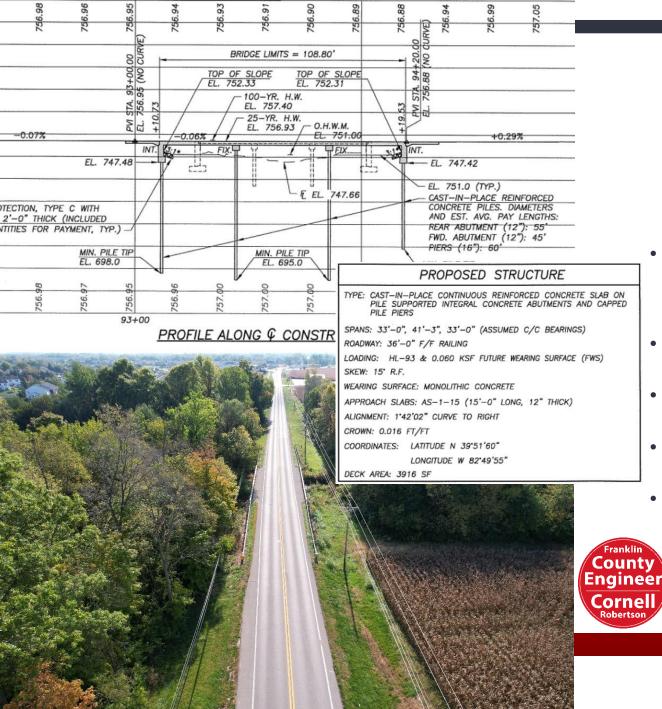
• Engineer's Estimate: \$4,562,783

Project Advertisement: November 2021

• Construction Start Date: February 2022

MOT: Traffic Maintained





# Winchester Pike 0.87 over Georges Creek

Bridge Replacement

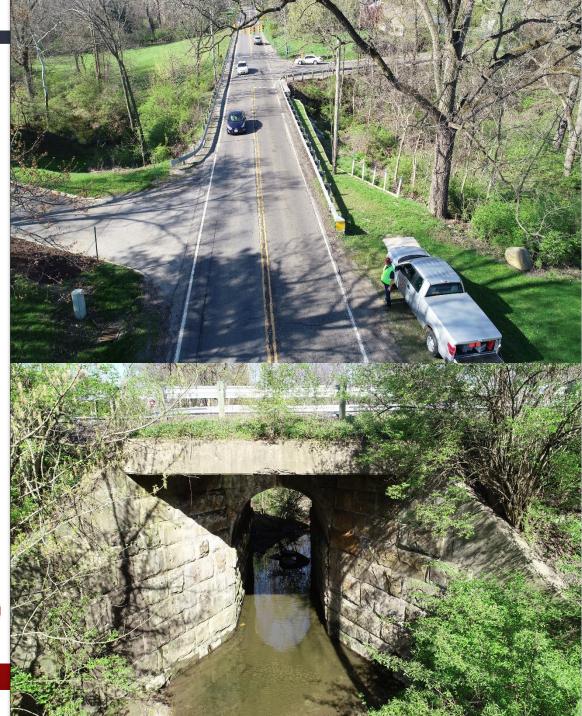
- Located in Southeast Franklin County between Brice Road and Gender Road
- Engineer's Estimate: \$1,085,987
- Project Advertisement: January/February 2022
- Construction Start Date: June 2022
- MOT: Full Closure/Detour

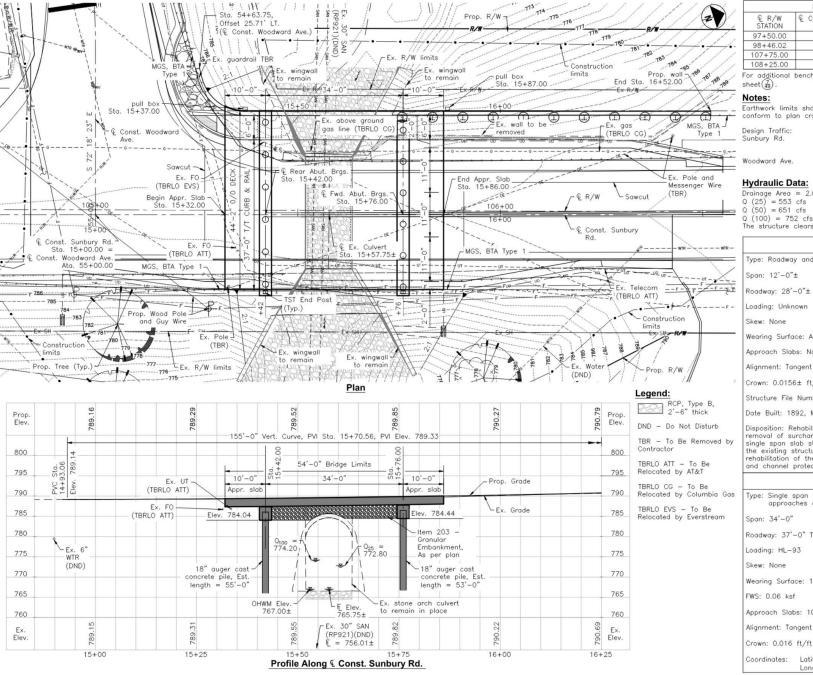
# Sunbury Road 0.02 over Argyle-Woodland Run

Bridge Rehabilitation

- Located on Sunbury Road at the south end of Ohio
   Dominican campus, immediately north of Woodward
   Avenue
- Engineer's Estimate: \$1,077,000
- Project Advertisement: February/March 2022
- Construction Start Date: July 2022
- MOT: Full Closure/Detour







	Station Contro	ol Data			
€ R/W STATION	© CONST. SUNBURY RD STATION	OFFSET LEFT	DESCRIPTION		
97+50.00	7+49.93	0.00'	MATCHING € R/W		
98+46.02	8+46.00	3.08'	PI		
107+75.00	17+75.00	0.41	PI		
108+25.00	18+25.00	0.00'	MATCHING € R/W		

For additional benchmark information, see roadway plan sheet  $(\frac{7}{49})$ 

#### Notes:

Earthwork limits shown are approximate. Actual slopes shall conform to plan cross sections.

8 6	T	
esign	Troffic	

Rd.		12,400 17,720	2018		

O4,

OVER ARGYLE - WOODLAND RUN

RD.

SUNBURY

SUNBURY RD MIF- CR 8-0.02

1 / 14

32

49

SITE PLAN

2018 ADT = 1,9002018 ADTT = 99 Woodward Ave. 2038 ADTT = 141 2038 ADT = 2.710

#### **Hydraulic Data:**

Drainage Area = 2.0 Sq. Miles Q(25) = 553 cfsV(25) = 8.49 ft/sDesign Flood Q(50) = 651 cfsV(50) = 9.37 ft/sScour Design Q(100) = 752 cfsV (100) = 10.29 ft/s Scour Check The structure clears the 100-yr storm by 10.4 ft.

#### **Existing Structure**

Type: Roadway and fill over single span stone arch culvert.

Span: 12'-0"±

Roadway: 28'-0"± F/F guardrail

Loading: Unknown

Skew: None

Wearing Surface: Asphalt Approach Slabs: None

Alignment: Tangent

Crown: 0.0156± ft/ft

Structure File Number: 2530783

Date Built: 1892, Major reconstruction 1929

Disposition: Rehabilitation of the existing stone arch culvert by removal of surcharge fill and pavement, to be replaced with a single span slab structure with integral approaches, spanning the existing structure, on capped pile abutments. Minor rehabilitation of the culvert opening to include stone pointing and channel protection.

#### **Proposed Structure**

Type: Single span reinforced concrete slab with integral approaches on capped pile abutments.

Span: 34'-0"

Roadway: 37'-0" T/T curb and railing

Loading: HL-93

Wearing Surface: 1" monolithic concrete

FWS: 0.06 ksf

Approach Slabs: 10'-0", integral with slab

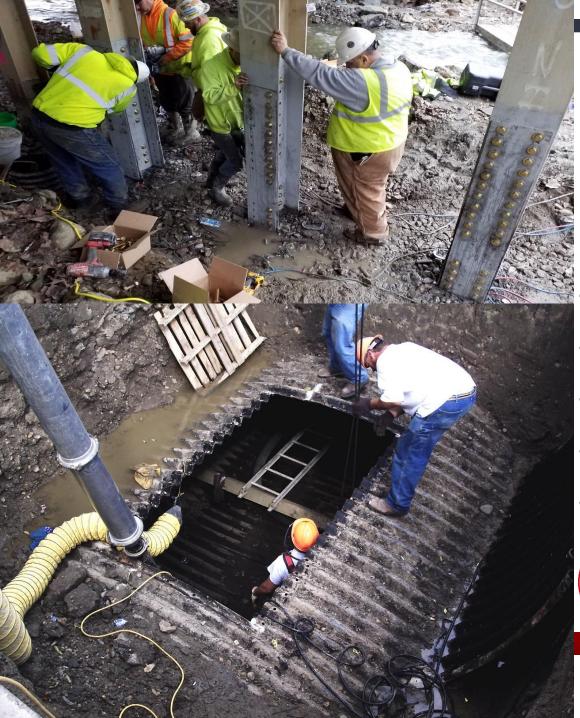
Alignment: Tangent

Coordinates: Latitude: 39' 59' 31.27" N

3708-E Longitude: 82° 56' 32.55" W

Cornell Robertson





# **General Bridge Maintenance Contract**

General maintenance and repair of various bridges throughout Franklin County

• Located at various sites around Franklin County

• Engineer's Estimate: \$250,000

• Project Advertisement: February 2022

• Construction Start Date: Spring 2022

MOT: Various



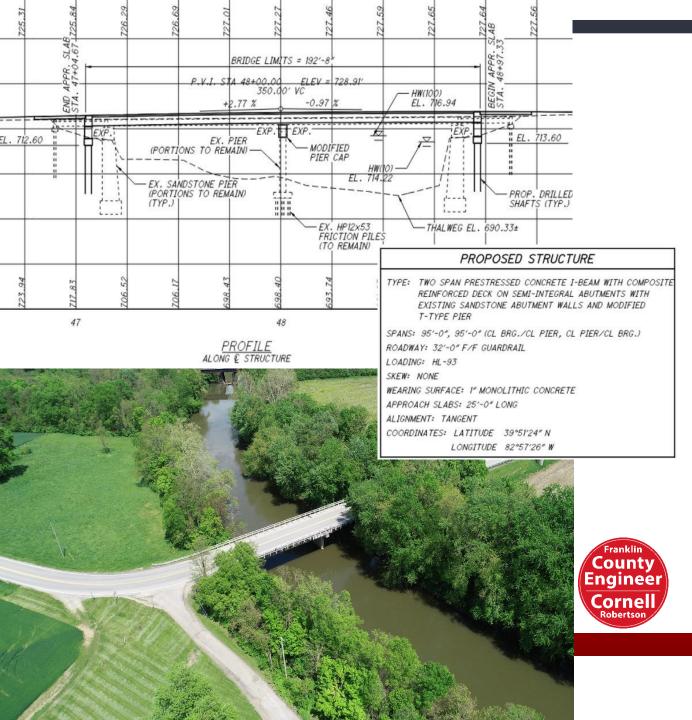
## Hempstead Road 1.29 over Tributary to Spring Run

Bridge Replacement

- Located on Hempstead Road between Schrock Road and Walnut Street
- Engineer's Estimate: \$500,000
- Project Advertisement: Dependent on Westerville waterline
- Construction Start Date: Dependent on Westerville waterline
- MOT: Full Closure/Detour







## Reese Road 0.23 over Big Walnut Creek

Bridge Replacement

Located between Rathmell Road and Bixby Road

• Engineer's Estimate: \$1,370,000

• Project Advertisement: December 2022

• Construction Start Date: Spring 2023

## **Highway Projects**

- Morse Road at Babbitt Road
- Lockbourne Road at State Route 317
- Clark State Road Curves
- Commerce Street
- Fisher Road
- Amlin Area Infrastructure Improvements
- Ferris Road at Walford Street
- Rohr Road at State Route 317
- Reynoldsburg-New Albany Road at Havens Road





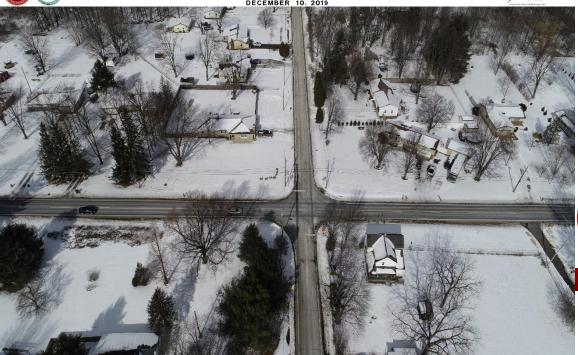












### Morse Road at Babbitt Road

Roundabout

- Located in northeast Franklin County New Albany Area
- Engineer's Estimate: \$4,055,826
- Project Advertisement: November 9, 2021
- Bid Opening: November 30, 2021
- Construction Start Date: June 2022
- MOT: 80-day closure with 20-day incentive



### Lockbourne Road at State Route 317

Roundabout

• Located in southern Franklin County

• Engineer's Estimate: \$1,708,893

• Project Advertisement: Winter 2021

• Construction Start Date: Spring 2022

• MOT: 45-60 Day Closure







### **Clark State Road Curve**

Roadway and Drainage

• Located in northeast Franklin County-Jefferson Township

• Engineer's Estimate: \$75,000

• Project Advertisement: January 2022

• Construction Start Date: April 2022

• MOT: Flag Traffic







### **Commerce Street**

Roadway Widening

Located in southern Franklin County, Lockbourne

• Engineer's Estimate: \$377,000

• Project Advertisement: February 2022

• Construction Start Date: Spring 2022

• MOT: 30-Day Closure



#### **Fisher Road**

Roadway Widening

- Located between Hague Avenue and McKinley Avenue
- Engineer's Estimate: \$870,189
- Project Advertisement: February 2022
- Construction Start Date: May 2022
- MOT: Traffic Maintained







# **Amlin Area Infrastructure Improvements**

Roadway Improvements

- Located in northwest Franklin County in Washington Township
- Engineer's Estimate: \$2,393,123
- Project Advertisement: March 2022
- Construction Start Date: April 2022
- MOT: Traffic maintained with a phased closure



### Ferris Road at Walford Street

Mini-Roundabout

- Located north central Franklin County-Clinton Township
- Engineer's Estimate: \$500,000
- Project Advertisement : June 2022
- Construction Start Date: August 2022
- MOT: 45 Day Closure











#### Rohr Road at State Route 317

Roundabout

• Located in southeast Franklin County-Groveport Area

• Engineer's Estimate: \$3,631,561

Project Advertisement: Summer 2022

• Construction Start Date: August 2022

• MOT: 60 Day Closure with 15-day incentive



# Reynoldsburg-New Albany Road at Havens Road

Roundabout

- Located in northeast Franklin County-Jefferson Township
- Engineer's estimate: \$5,083,517
- Project Advertisement: Fall 2022
- Construction Start Date: Spring 2023
- MOT: Phased Closure for Bridge and Intersection 120-Days







# **Drainage Projects**

- Babbitt Road Drainage Improvement
- Dever Petition
- Elliott Road & Hayden Run Road Drainage
   Improvement
- Cook Tri-County
- Zuber Road (Plum Run) Part 1
- Kropp Road Drainage Outlet











# **Babbitt Road Drainage Improvement**

Pipe Installation

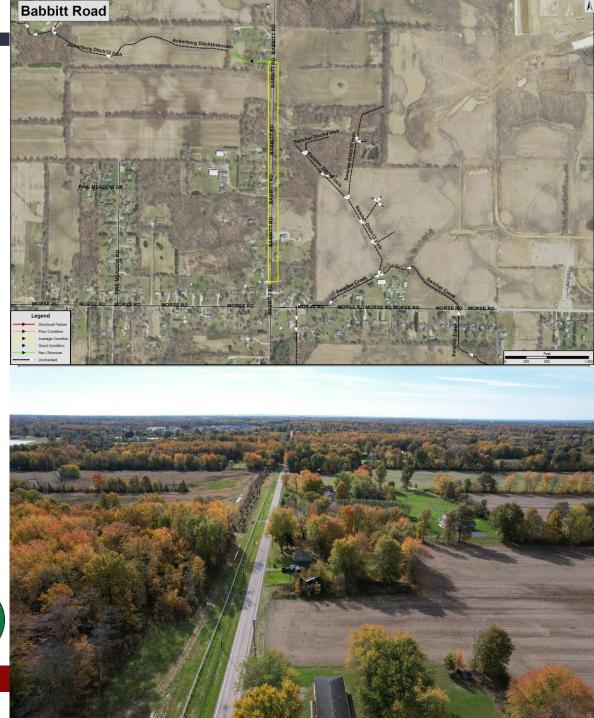
Located on Babbitt Road north of Morse Road-Plain
 Township

• Engineer's Estimate: \$1,000,000

• Project Advertisement: Winter 2022

• Construction Start Date: Spring 2023







### **Dever Petition**

Pipe Installation

Located west of Walker Road and north of Carter Road-Brown Township

• Engineer's Estimate: \$800,432

• Project Advertisement: March 2022

• Construction Start Date: May 2022



# Elliott Road & Hayden Run Road Drainage Improvement

Pipe Installation

 Located on Elliott Road and Hayden Run Road-Brown Township

• Engineer's Estimate: \$2,568,750

• Project Advertisement: March 2022

• Construction Start Date: May 2022









## **Cook Tri-County**

Pipe Installation

Located at the confluence of Franklin, Delaware and Licking
 Counties

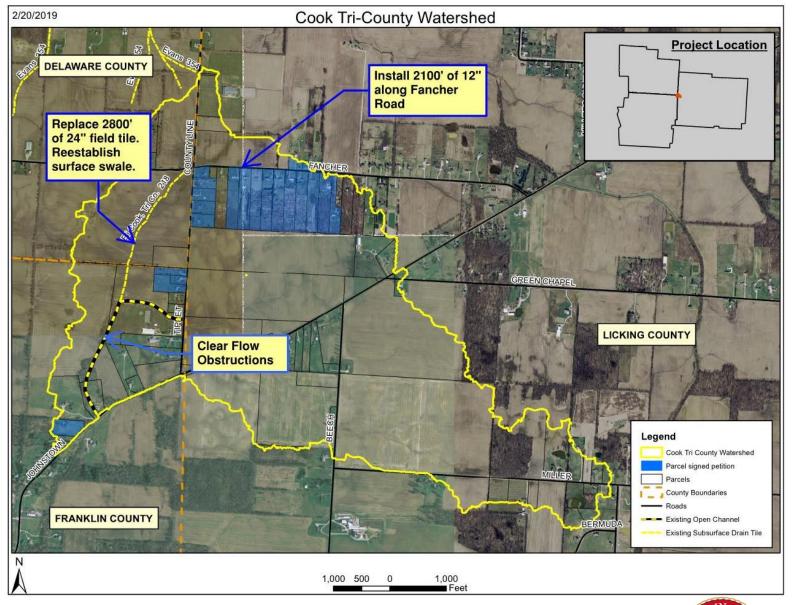
• Engineer's Estimate: \$503,623

• Project Advertisement: Spring 2022

• Construction Start Date: Summer 2022

 MOT: One-lane, two-way traffic during construction of two road crossings







### **Zuber Road (Plum Run) Part 1**

Drainage Improvement

- Located between Seeds Road and Ridpath Road
- Engineer's Estimate: \$410,059
- Project Advertisement: Spring 2022
- Construction Start Date: Summer 2022
- MOT: Traffic Maintained project outside of R/W







### **Kropp Road Drainage Outlet**

Pipe Installation

- Located between Rolling Hills Lane and Hellbranch Run
- Engineer's Estimate: \$2,010,000
- Project Advertisement Date: Fall 2022
- Construction Start Date: Spring 2023
- MOT: Full Closure/Detour



# **Resurfacing Projects**

- Franklin County Resurfacing 2022
- Township Resurfacing 2022





# 2022 Franklin County and Township Resurfacing Programs

Resurfacing

- Located in various sections of Franklin County and participating Township roadways
- Engineer's Estimate: Franklin County \$4.5 million Township \$2.5 million
- Project Advertisement: Early Spring 2022
- Construction Start Date: May and June 2022
- MOT: All construction expected to be completed under traffic





# **Mobility Projects**

- Traffic Signal Installation Program
- Signal Maintenance Program





# 2022 Franklin County Traffic Signals

Traffic Signal Installation

- Combined project to construct traffic signals
  - Pontius Road at Rohr Road \$150,000 ±
  - Gantz Road at Dyer Road \$171,071
  - Hilliard Rome Road at Beacon Hill Road \$199,389
- Project Advertisement : February 2022
- Construction Start Date: Spring 2022
- MOT: All lanes of traffic are to remain open, Pontius at Rohr is to be completed prior to August 1, 2022.







# **Annual Traffic Signal Maintenance Contract**

Traffic Signal Maintenance

- Located in various locations throughout Franklin County
- Engineer's Estimate: \$600,000 ±
- Project Advertisement: August 2022
- Construction Start Date: January 2023
- MOT: All lanes of traffic are to remain open



