



FRANKLIN COUNTY ENGINEER'S 2021 FALL PROJECTS OPEN HOUSE



Cornell R. Robertson, P.E., P.S.
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Franklin County Engineer's 2021 Fall Consultant Selection Open House

Agenda:

1. **Welcome** – *Engineer Robertson*
2. **Financial Report** – *Brent Welch*
3. **Engineer's Office Update** – *Fritz Crosier*
4. **Diversity, Equity, and Inclusion**
5. **Introduction of Teammates**
6. **Project Details** – *Brad Foster, Ed Herrick, Jim Ramsey, Scott Roe, and Mike Andrako*
7. **Closing Remarks / Q&A**



FCEO Financial Report



Engineer's Office Update



Dublin-Granville Road over Rocky Fork Creek –
Designed by Mead & Hunt

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 various initiatives within the Diversity & Inclusion Department
 - Mentorship Program
 - Lunch & Learns
 - Bridge the Gap Committee
 - Charitable Events



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FRANKLIN COUNTY ENGINEER

Franklin County Engineer's Equitable Business Enterprise Program for Locally Funded Projects

Franklin County Engineer Cornell R. Robertson, P.E., P.S.

Revised March 4, 2021

Franklin County Engineer

Cornell R. Robertson, P.E., P.S.
EBE Payment Tracking Form

Instructions

This form is designed to track payments made toward the Project EBE Goal. This form must be submitted with all invoices.

Project Name: _____
Consultant: _____
Project Goal (%) _____ Project Goal (\$) _____ Contract Amount (\$) _____

Date:		Agreement/Invoice#:	
EBE Subconsultant Name	Type of Certified Business (DBE, WBE, MBE, etc.)	Amount paid on this invoice	Total Amount Paid

Signature _____ Name _____
Date of Signature ____/____/____
Signature of the Person Submitting this Form Name of the Person Submitting this Form

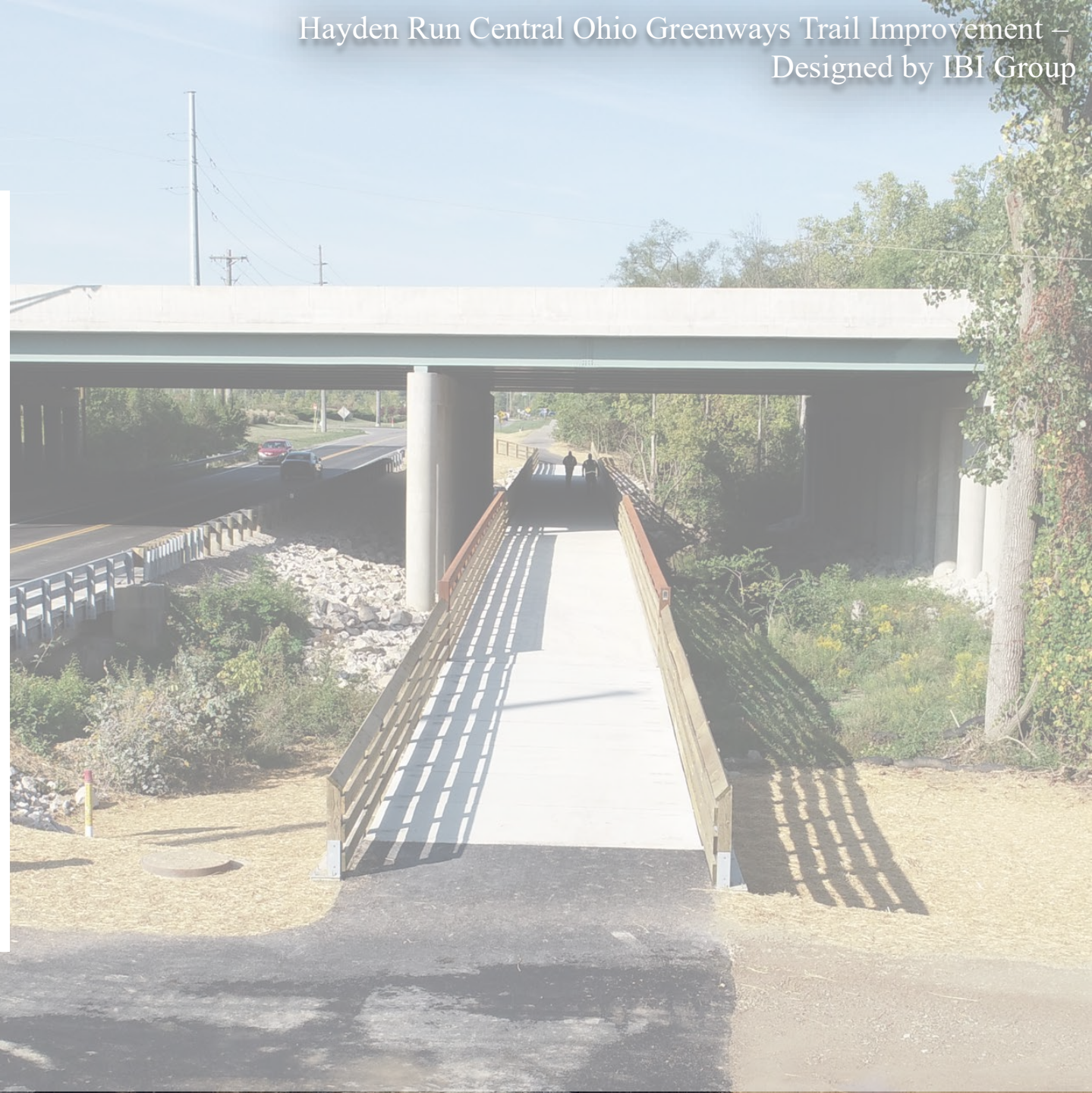
INTRODUCTION OF TEAMMATES

- Barb Cox – Planning & Programming Engineer
- Brad Foster – Highway Design Engineer
- Ed Herrick – Bridge Engineer
- Jim Ramsey – Riparian and Environmental Engineer
- Scott Roe – Construction Services Engineer
- Mike Andrako – Mobility Engineer



Ridpath Road over Stanford Smith Ditch -
Designed by BG Engineering Group

2021
Fall
Projects



MORSE ROAD CORRIDOR (US62 TO REYNOLDSBURG- NEW ALBANY ROAD)

Preliminary Engineering Study & Detailed Design

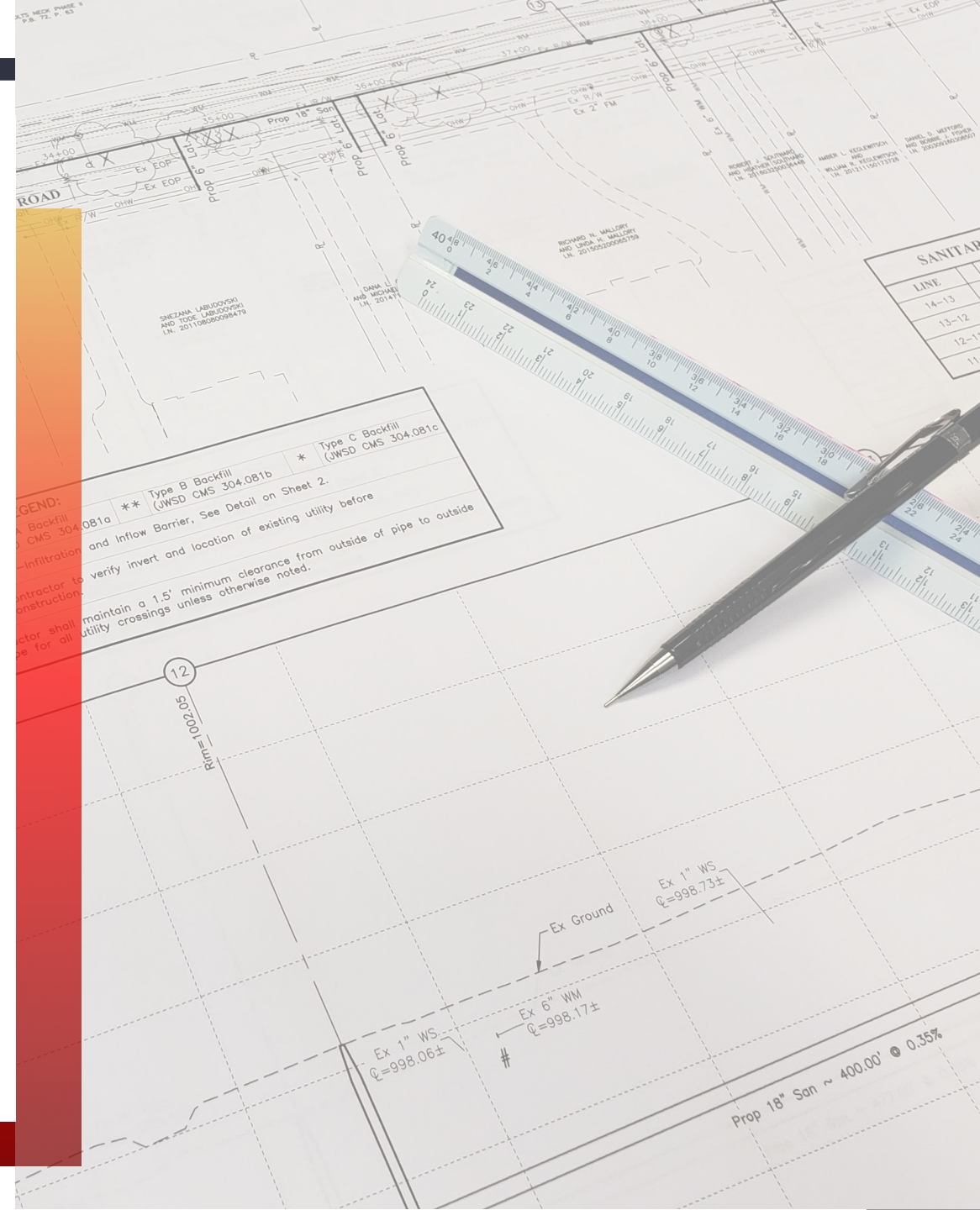
- Located in northeast Franklin County in Jefferson and Plain Township
- Multi-jurisdictional corridor
 - Franklin County
 - City of Gahanna
 - City of Columbus
 - City of New Albany
- Multiple Intersections
 - Shull Road
 - Harrison Pond Drive
 - Evelyton Road
 - Belcross Drive
 - Harlem Road
 - Head of Pond Road
 - Jensen Park Drive
 - Havant Drive
- Two bridges
 - Morse Road 8.49 over Rocky Fork Creek
 - Morse Road 9.19 over Tributary (west of Harlem Road)



GENERAL ENGINEERING SERVICES

On - Call Engineering

- Assist County Engineer's staff on miscellaneous, yet to be determined tasks including, but not limited to:
 - General Highway, Bridge, and Drainage Projects
 - Township Projects
 - Assistance with Funding Applications
 - Geo-technical Investigations
 - Franklin County Building Facilities Assistance



An aerial photograph of a two-lane bridge crossing a creek. The bridge has a concrete deck with visible cracking and yellow double lines down the center. Several cars are driving across the bridge. The surrounding area is lush with green trees and vegetation. A road intersection is visible in the upper left corner.

GENDER ROAD 5.39 BRIDGE OVER GEORGES CREEK

Bridge Improvement Project

- MAD-C0222-5.39
- Single span, 55 foot, non-composite, box beam structure on wall type abutments with a 25 degree skew.
- The structure was built in 1975
- The structure is currently rated a “5”.
- This will be a full replacement. The FCEO is currently investigating the need to widen the bridge for future pedestrian facilities
 - Current sidewalk on east.
 - Potential sidewalk or SUP on west.



LEONARD PARK DRAINAGE IMPROVEMENT STUDY

D r a i n a g e I m p r o v e m e n t P r o j e c t

- Leonard Park was platted in the 1920's.
 - Initial plat and site development did not include the construction of water, sanitary or storm sewers.
- Development pressure and recent construction of residential single family homes warrants design and construction of storm sewers.
- Project area bounded by Stelzer Road, Agler Road, and I-670.
- Study will also include watershed investigation of the drainage system built through a county ditch petition known as Mason Run. This watershed extends from Easton Way, south through John Glenn International Airport.



STORMWATER DRAINAGE MANUAL UPDATE

Franklin County Drainage Engineer

- Current Franklin County Storm Water Manual was adopted in 2012
- Update will include leading and coordinating a cooperative process including the Franklin County Engineer, Franklin County Drainage Engineer, Franklin County Economic Development and Planning Department, and Franklin Soil and Water Conservation District
- Solicit input from:
 - Townships of Franklin County all of whom are co-permittees with Franklin County on our NPDES permit
 - OEPA and ODNR
 - Engineering consultants in Franklin County who frequently use the current manual for site design
- Review stormwater manuals of municipalities in Franklin County; in particular the City of Columbus Storm Water Drainage Manual.
- Prepare report outlining the revisions and items considered including consideration of appropriate adjustments warranted to address climate change.



Franklin County Stormwater Drainage Manual



CONSTRUCTION INSPECTION SERVICES

ODOT Prequalified Project Inspector

- Inspect a detailed portion of the work to ensure the work performed is in conformance with the plans and specifications.
- Calls to the attention of the Franklin County Design Construction Engineer work issues that are outside the scope of the contract plans or specifications, or when the contractor employs or proposes to employ non-standard work methods.
- Authors a daily diary of measurements, calculation quantities, equipment, crews, work hours, and documents activities performed.
- Enters material submittals into the project bill of materials and verifies materials conform to specification requirements.
- Documents daily work activity with pictures.
- Records variations from project plans in as-built drawings.



ROADSIDE HAZARD COMPLIANCE PLAN

CEAO Safety Study HSIP Program

- Project to be advertised on ODOT's website
 - SOQs to be submitted in response to advertisement
- Drive each route and locate all items that interfere with the specified Clear Zone
- Develop a plan and recommend countermeasures, including barriers, obstruction removal etc. to address identified roadside hazards within the Clear Zone
- Provide GIS Layer compatible with County's current GIS software
- Compliance Plan signed and sealed by a Professional Engineer licensed in the State of Ohio



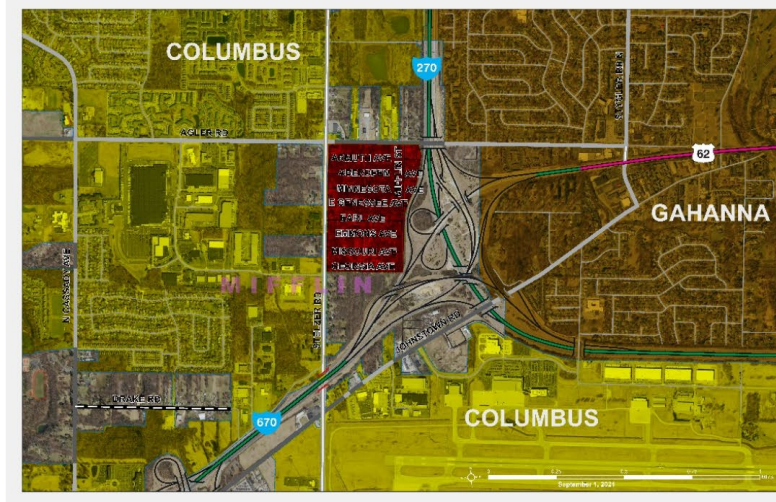
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Gender Road 5.39 Bridge over Georges Creek



Morse Road Corridor Study (US62 to Reynoldsburg-New Albany Road)



Leonard Park Drainage Improvement Study

Other Projects:

- Roadside Hazard Compliance Plan
- Stormwater Drainage Manual Update
- General Engineering Services
- Construction Inspection Services



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QUESTIONS?



