



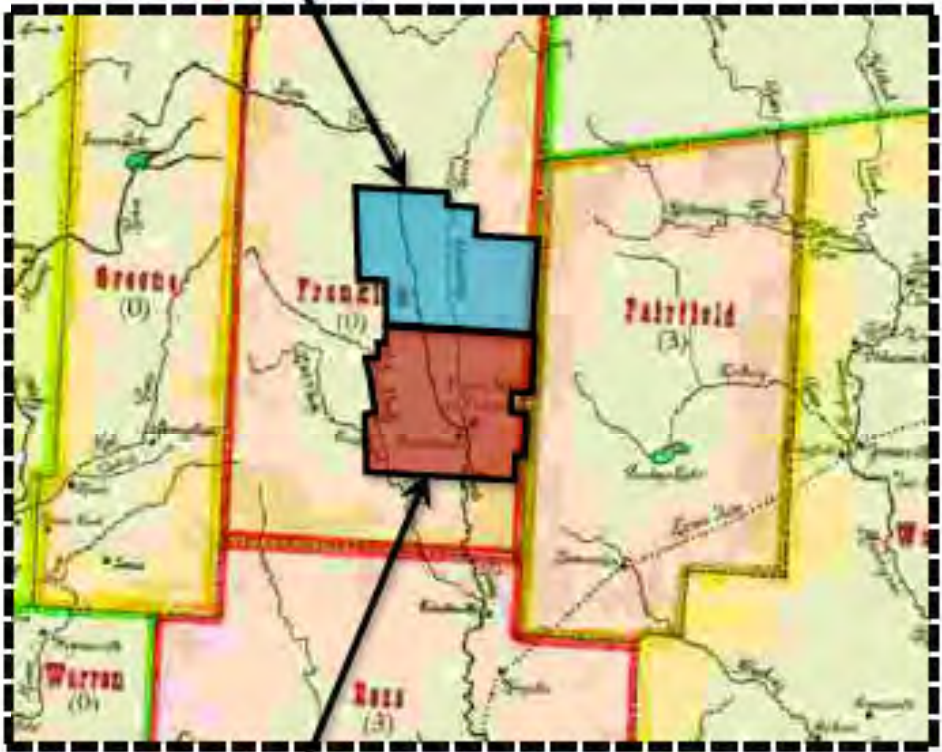
2021 Central Ohio Luncheon

Delaware County Engineer's Office

Chris Bauserman, P.E., P.S. – County Engineer
Robert Riley, P.E., P.S. – Chief Deputy Engineer

February 17, 2021





An aerial photograph showing a road construction project. A new road with a roundabout is visible, surrounded by green trees and a pond. The text is overlaid on the image.

2020 Year In Review

\$38 million in construction projects completed

- **\$10M Road Improvement Program**
- **\$8.6M Home Road Extension, Phases 2-3**
- **\$6.5M South Old 3C Highway Improvements**
- **\$5.0M Home Road and S.R. 315 Intersection**
- **\$4.3M Africa & Cheshire Road Safety Upgrades**
- **\$2.1M Powell Road, Phase 2 (MOT Part 1)**
- **\$1.3M Old State and Cheshire Road Roundabout**
- **\$0.4M Graphics Way Extension**
- **Oh, and that Covid-19 thing too...**

Current Major Projects

Home Road East of U.S. 23
East Powell Road, Phase 2
Worthington Road, Phase 2
I-71 & US 36/SR 37 Interchange
Big Walnut Interchange
Orange Road Railroad Grade Separation
Byxbe Parkway



Home Road East of U.S. 23

0.9 mile extension opened September 2020.

Next phases include railroad overpass and roundabout at Lewis Center Road. Completion anticipated in 2025-26.



DELAWARE
COUNTY *Ohio*

TRANSPORTATION IMPROVEMENT DISTRICT

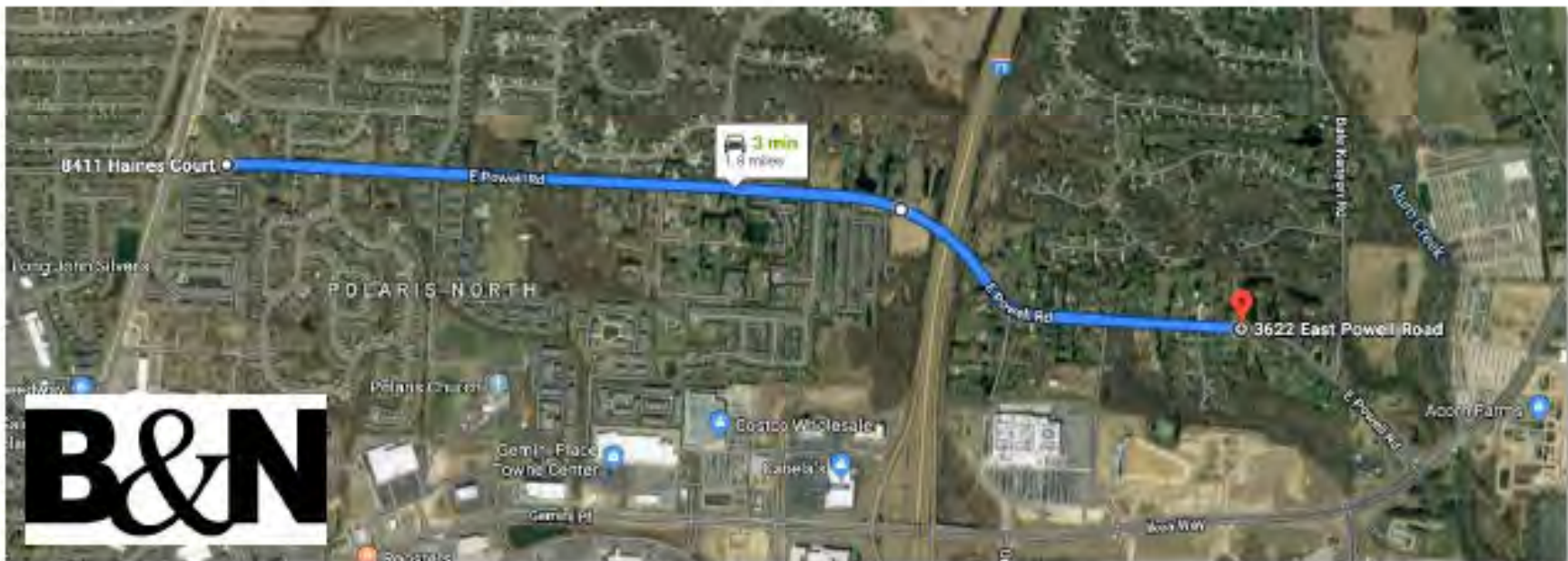
HDR



East Powell Road, Phase 2

\$8.6 million project to upgrade to 3 lanes and install 4 new traffic signals.

- All work was completed east of I-71 Overpass fall 2020.
- Old State to I-71 to be completed by November 2021.

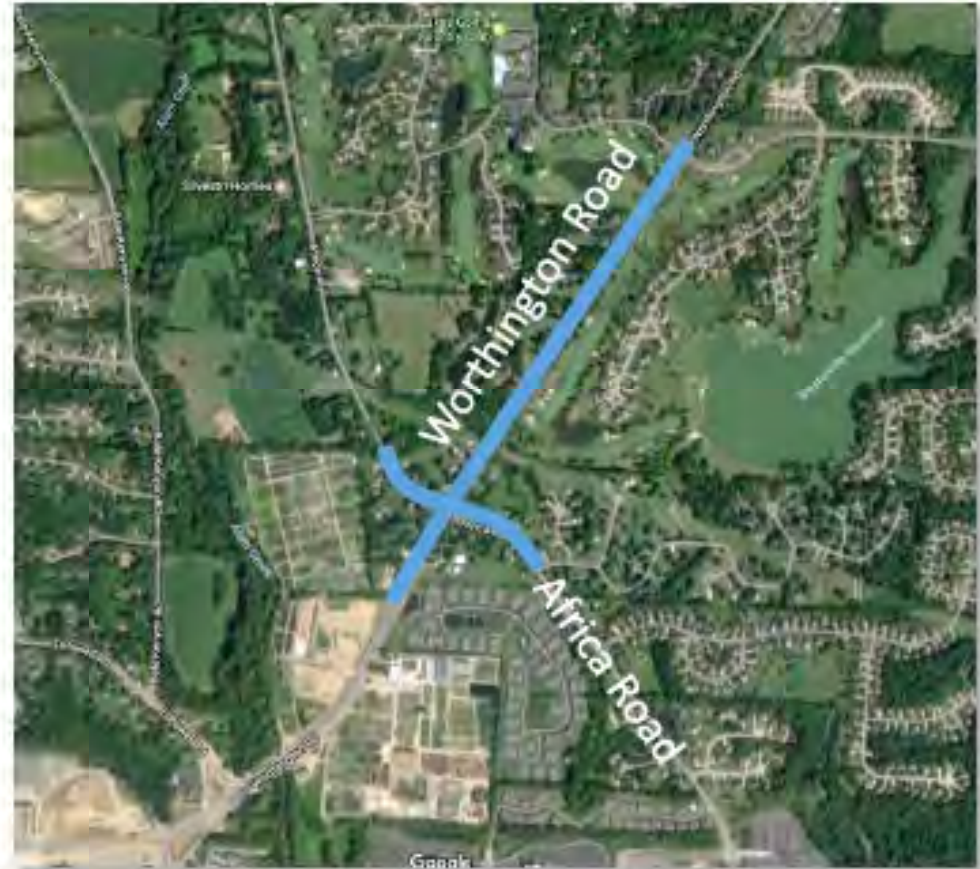


Worthington Road, Phase 2

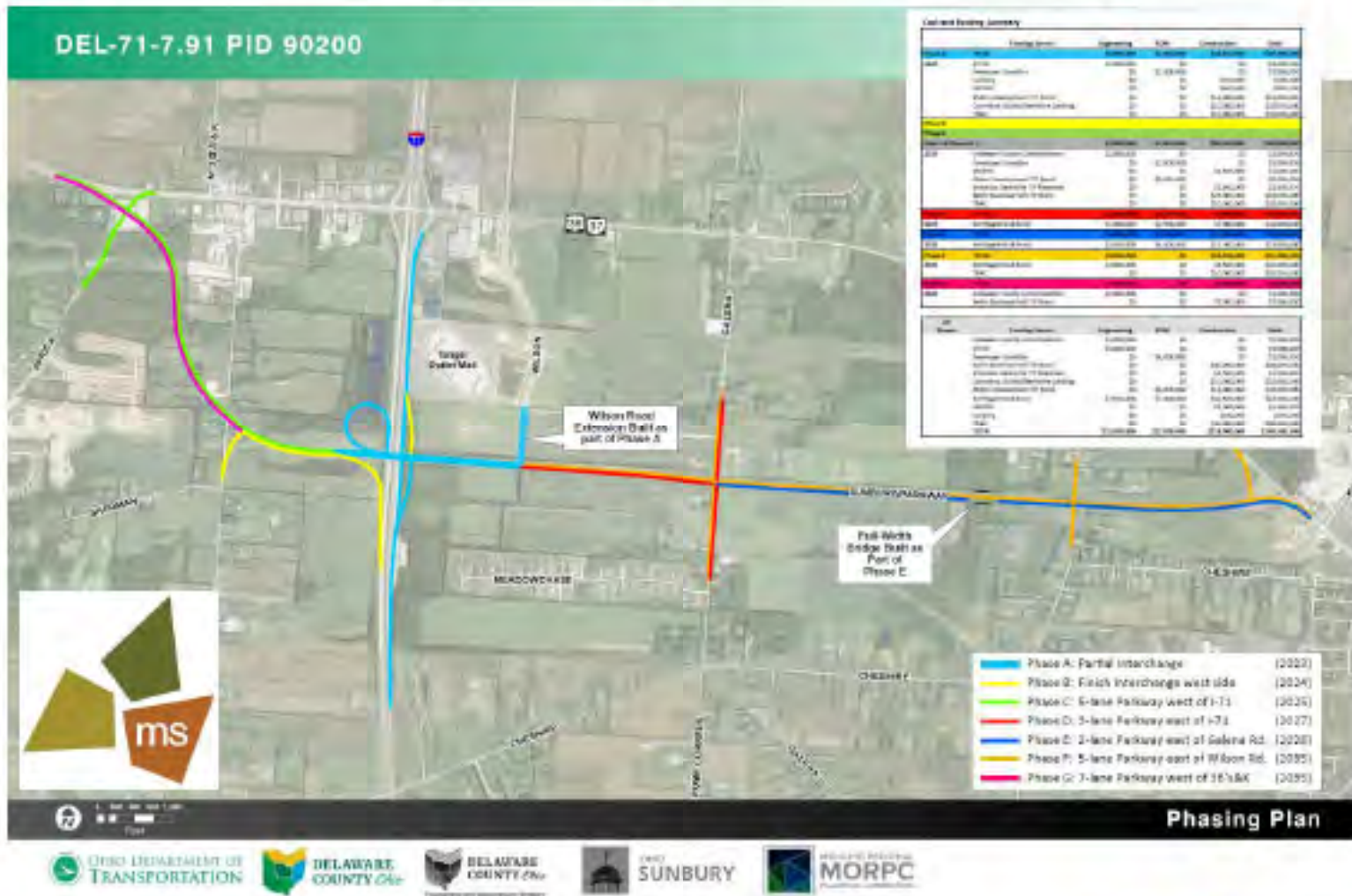
\$6 million expansion of Worthington Road and Africa Road intersection.

Widening of Worthington Road and flattening the grade of road north to Highland Lakes Avenue.

Completion spring 2022.



I-71 & US 36/SR 37 Interchange



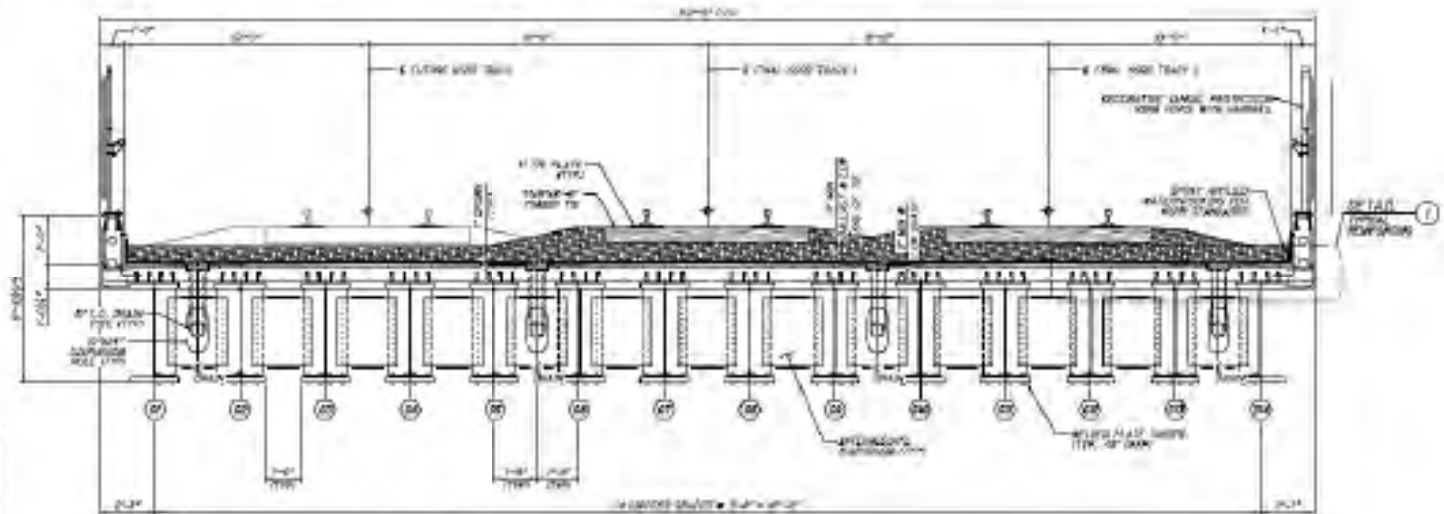
Big Walnut Interchange



Orange Road RR Grade Separation

Underpass on Orange Road at the CSX/NS Railroads

Estimated cost: \$18-20 million (2025-27)



Byxbe Parkway

Phase 1 includes **0.75 miles** of new 3 to 5-lane roadway

\$4 million estimated cost

Construction 2022-23



Development News

Residential Building Permits



Continued Population Growth



LIFE IN DELAWARE COUNTY

Study: Delaware County Among 10 Fastest Growing Exurbs Between 1990 To Present

© 16 JAN , 2021

f Share

🐦 Tweet

By 1808Delaware

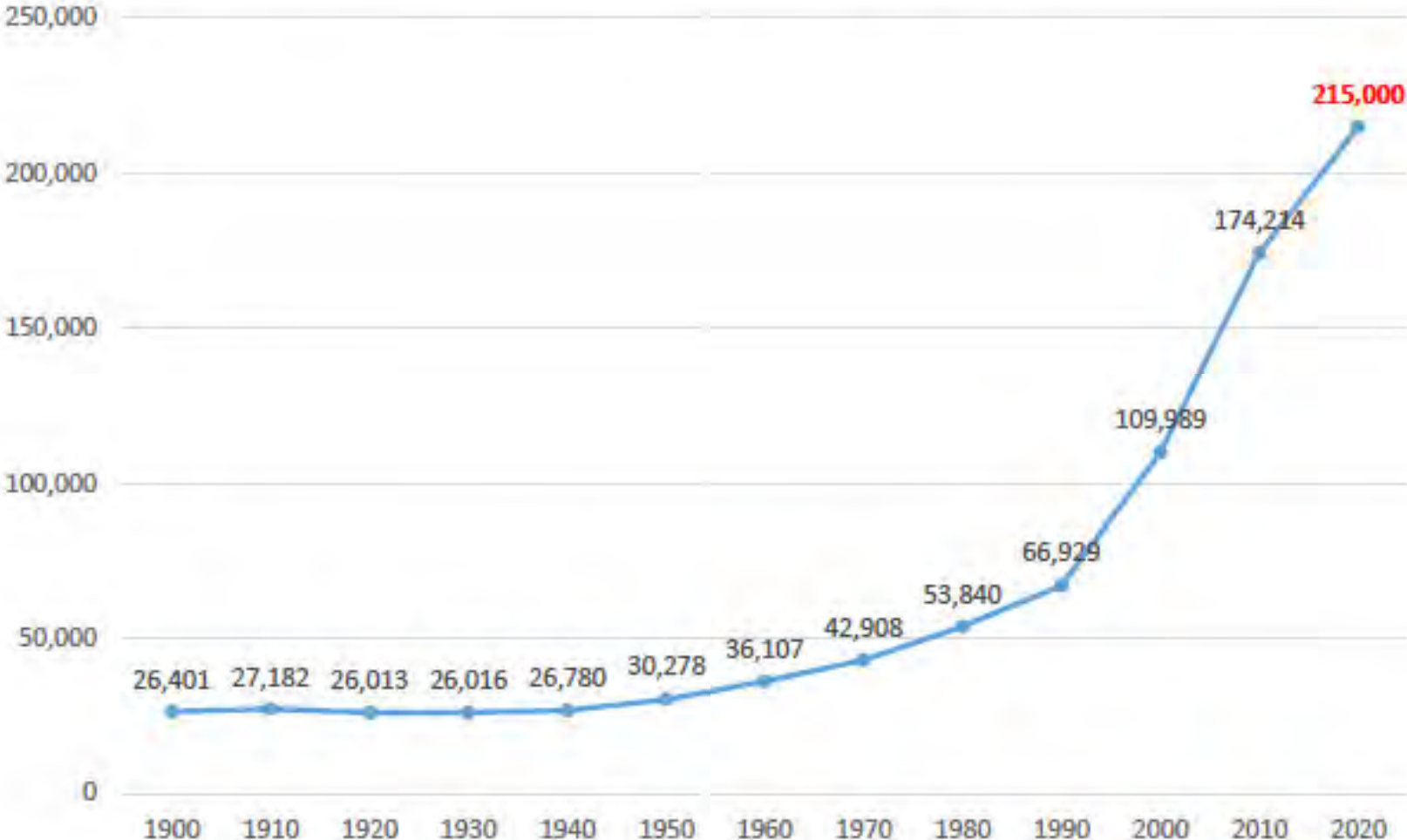
It might seem obvious to people who live or work here, but it's a growing, dynamic place.

That fact is also apparent to others.

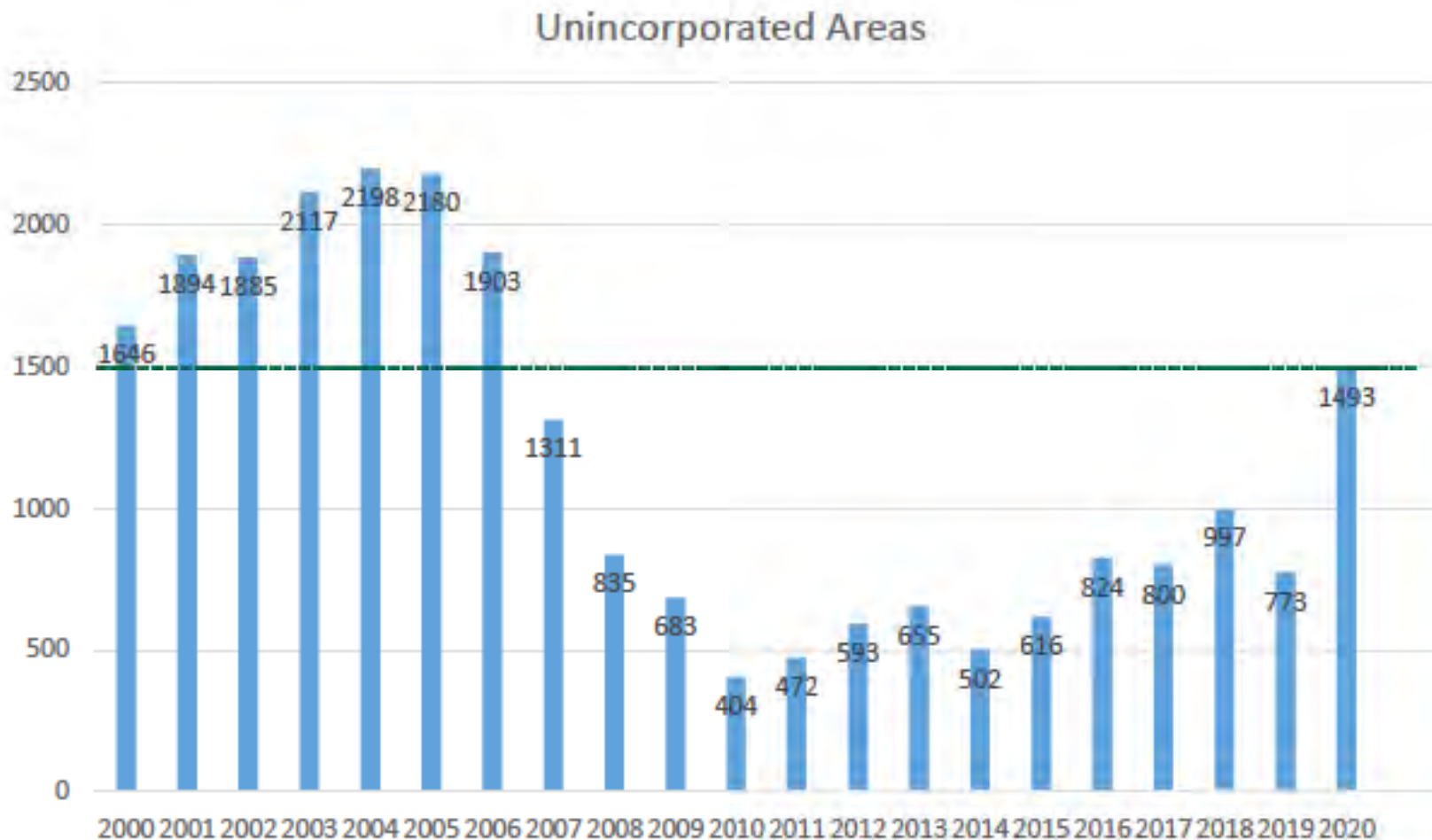
Just ask **relocation services company CapRelo**, which handles corporate-related moves across the world. The company recently set out to identify the 10 Fastest Growing Exurbs in America, and their eyes fixed on, among other places, Delaware County.



Delaware County, Ohio Population



Residential Building Permits



Upcoming Consulting Contracts

Consultant Selection Process
February 2021 Selection Group
July 2021 Selection Group



Consultant Selection Process

Consultant selection announcements twice per year

- Last Monday in February (project list posted 1-3 months prior)
- Last Monday in July (project list posted 1-3 months prior)

Scope documents posted on DCEO website

- engineer.co.delaware.oh.us/design/consultantinfo



Consultant Selection Process

Simplified LOI Submittal

Per submittal:

- Cover letter with general info about firm, staff location, relevant experience

Per project:

- One page firm, key staff and subconsultant info
- Two page project approach

Beginning February 2021 - email LOI submittal (PDF)!



February 2021 Selection Group

Scope of Services Documents Available 2/22/2021

LOI's Due 3/15/2021

1. DEL-CR72-0.00/US23-7.43 Cheshire & U.S. 23

- Extension of realigned Cheshire Rd. to new intersection at U.S. 23
- Extension of Cheshire Crossing Dr. south to the new road
- Estimated \$2.8 million construction cost

2. DEL-SR3-4.60 S.R. 3 & Lewis Center Road

- Turn lanes on S.R. 3 and Lewis Center Road approaches with provisions for future signalization
- Estimated \$1.2 million construction cost

3. 2021-1 General Engineering Services

- \$300,000 two-year task order contract



July 2021 Selection Group

Scope of Services Documents Available 7/26/2021

1. DEL-CR10-2.91 South Old State Road, Phase 2

- Major widening to 5 lanes with shared use path from Orange Road to Lewis Center Road
- \$8 million estimated construction cost

2. DEL-CR72-7.50 Cheshire & South Galena Road

- Single-lane modern roundabout at existing 5-legged intersection
- \$1.7 million estimated construction cost

3. DEL-2024 Culvert Replacements

- 6± large culvert replacements on various county roads
- \$1.2 million estimated construction cost

4. 2021-2 General Engineering Services

- \$300,000 two-year task order contract



State Board of Registration News

Changes to Professional Surveyor Licensure Requirements

In January 2021, the Ohio Board of Registration for Professional Engineers and Surveyors adopted three (3) recommended changes by a CEO and PLSO task force aimed to encourage more students to pursue surveying as a profession

1. Part-time experience now counts

- Experience obtained after first surveying course
- Minimum increments of 4 hours per week
- Can be used to count for up to 2 of the 4 year requirement



State Board of Registration News

Changes to Professional Surveyor Licensure Requirements

2. Overlapping Engineering and Surveying experience

Up to 2 years of overlapping experience can be used to count toward the 4 year requirement in the following areas:

- Route surveying
- Topographic Survey
- Construction plans and construction layout

3. Changes in Education Requirements

Previously only two 4-year college degree paths

- 4-year BS in Board approved Land Surveying Program
- 4-year BS in Civil Engineering with additional 16 credit-hours in surveying coursework



State Board of Registration News

Changes to Professional Surveyor Licensure Requirements

New education requirement allows graduates of a bachelor's degree program which includes the following minimum number of semester hours:

- 12 hours math – college algebra or higher
- 6 hours natural sciences
- 16 hours general education
- 30 hours NCEES approved surveying (limited to 6 hrs. GIS)



Why Does This Matter?

The average age of all licensed professional surveyors in the United States is 60 years old!

We need more qualified surveyors but lowering the bar for qualifications is a bad idea

Opening up paths to professional licensure for students of other STEM education programs is a better idea

Ensures only qualified individuals obtain licensure and protects the integrity of the profession



Why is P.S. Licensure Important

Same reason licensure as a Professional Engineer is important ... protection of public safety and property

Competence in establishing, retracing or resolving property boundaries and laying out infrastructure is essential in the modern world



Thank you

Chris Bauserman, PE, PS
County Engineer

Rob Riley, PE, PS
Chief Deputy Engineer

Phone: 740-833-2400
delcoeng@co.delaware.oh.us

