

**Regional
Update:**

Silicon Heartland

Planning & Engineering FAQ's

April 7, 2022

Questions & Comments

Go to **www.menti.com** and use the code **8229 8926**



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

Welcome & Introduction



William Murdock, AICP

EXECUTIVE DIRECTOR

**MID-OHIO REGIONAL
PLANNING COMMISSION**

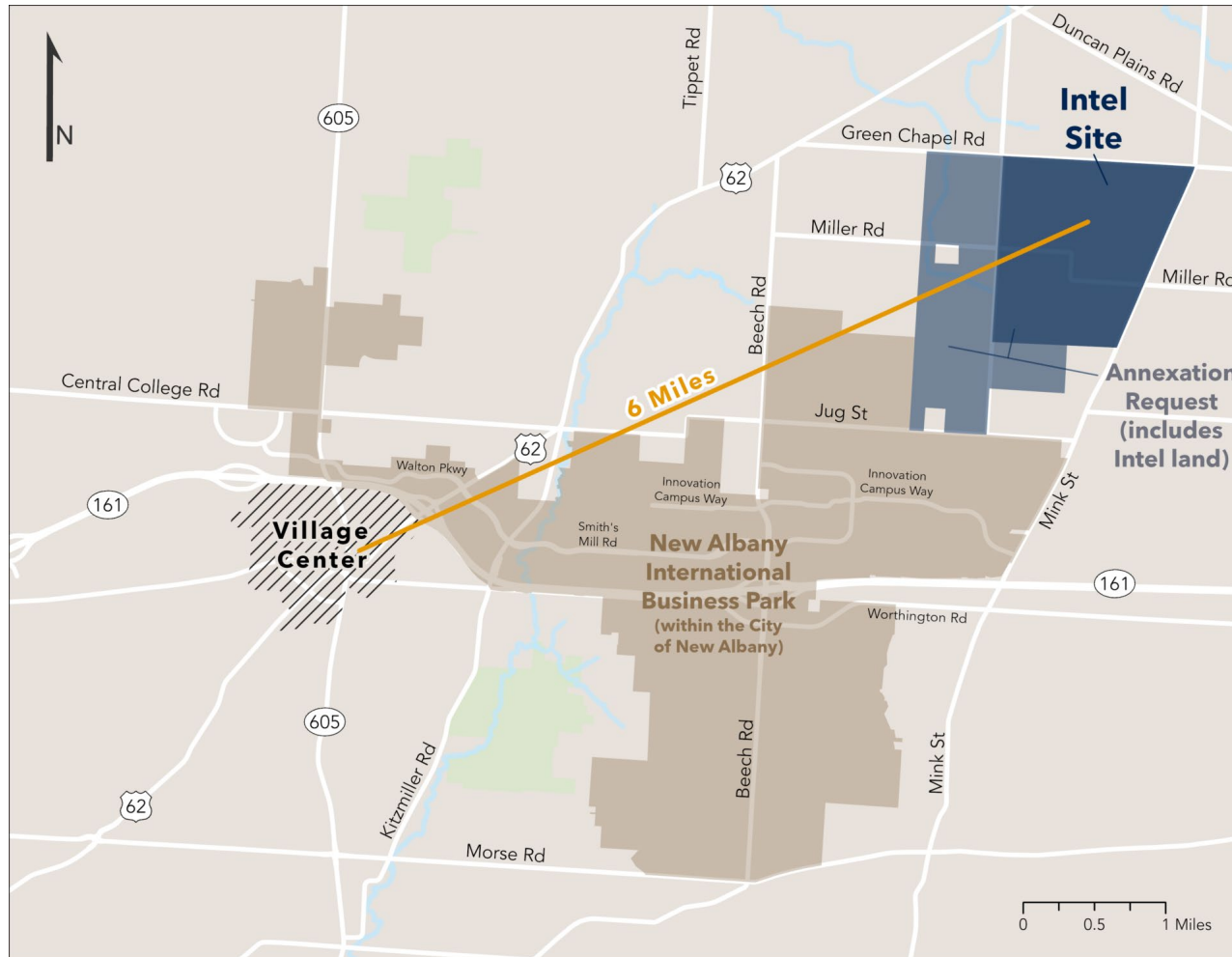


Chris Harkness, AICP

EXECUTIVE DIRECTOR

**LICKING COUNTY
PLANNING, DEVELOPMENT
& TRANSPORTATION STUDY**

Basic Project Overview



- Intel announced a \$20 billion+ chip manufacturing project.
- New Albany / Licking County
- Plans to build two state-of-the-art factories by 2025.
- Opportunities for New Albany, Central Ohio and the State of Ohio:
 - thousands of new manufacturing and construction jobs
 - new infrastructure in and around New Albany to support the project
 - a stronger emphasis on STEM education opportunities throughout the state of Ohio.
- Megaproject = largest single private sector company investment in Ohio's history
 - 20,000 jobs in the state
 - 3,000 Intel direct jobs in Phase 1

Basic Project Overview

<https://newalbanyohio.org/answers/new-albany-silicon-heartland/>



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- General FAQs
 - Project Location & Construction
 - Economic Development & Jobs
 - School District Impacts In
- Environmental FAQs
 - Water supply
 - Drainage & Stormwater Runoff
 - Impacts on Wetlands & Riparian Corridors
 - Tree clearing
 - Air Quality Impacts
- Zoning FAQs
 - Technology Manufacturing District (TMD)
 - Rezoning
 - Related City Council Meeting
 - April 19th
 - May 3rd
 - Lighting & Setbacks
 - Mounding and Buffering
 - Wester Licking County Accord
- Traffic FAQs
 - And much more covered next!

Two more resources coming online soon: [Welcome Intel](#) & [Regional Silicon Heartland Webhub](#)

Long-Range Planning & Programmed Projects

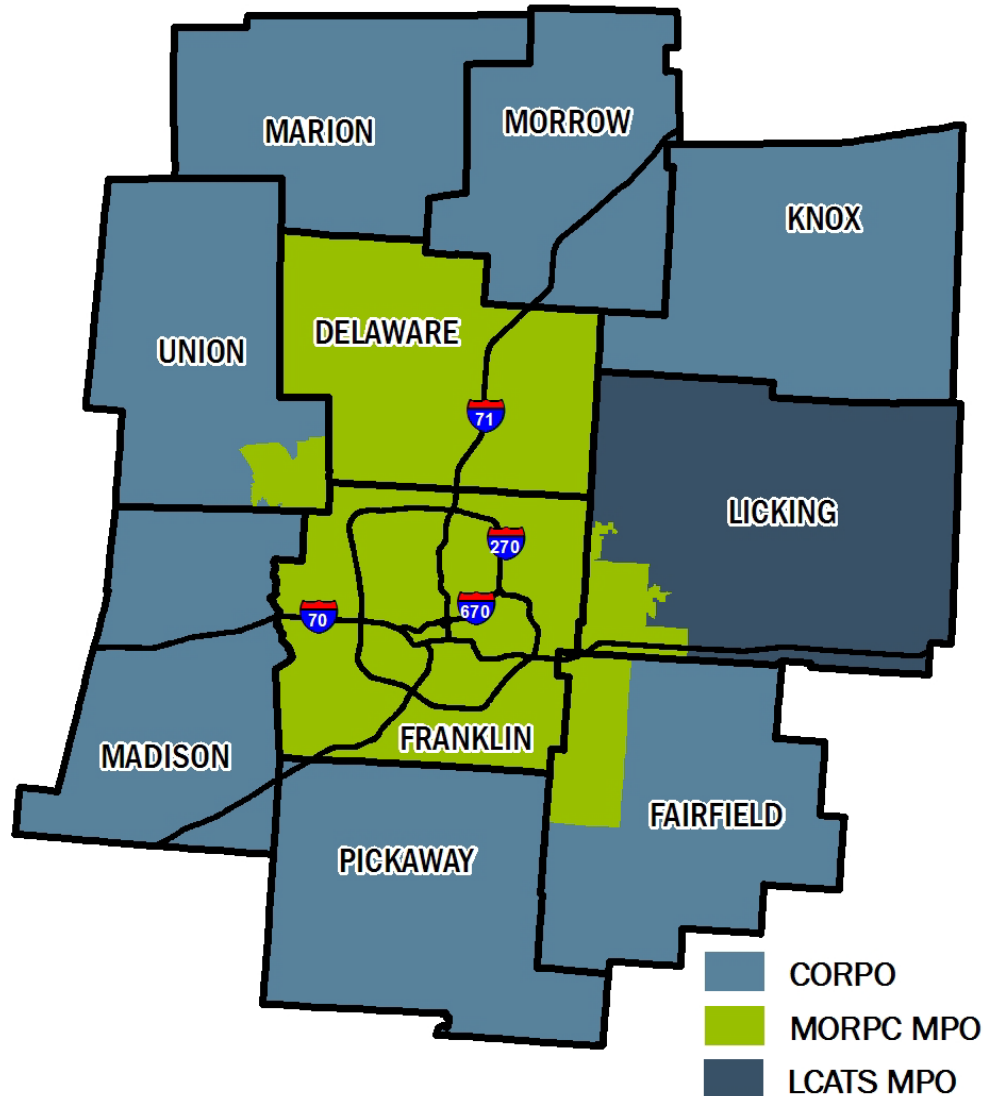
Nick Gill, Transportation Study Director, MORPC

Matt Hill, Transportation Study Director, LCATS



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TRANSPORTATION PLANNING IN CENTRAL OHIO



- Metropolitan Planning Organization (MPO)
 - Mid-Ohio Regional Planning Commission (MORPC)
 - Licking County Area Transportation Study (LCATS)
- Rural Transportation Planning Organization (RTPO)
 - Central Ohio Rural Planning Organization (CORPO)

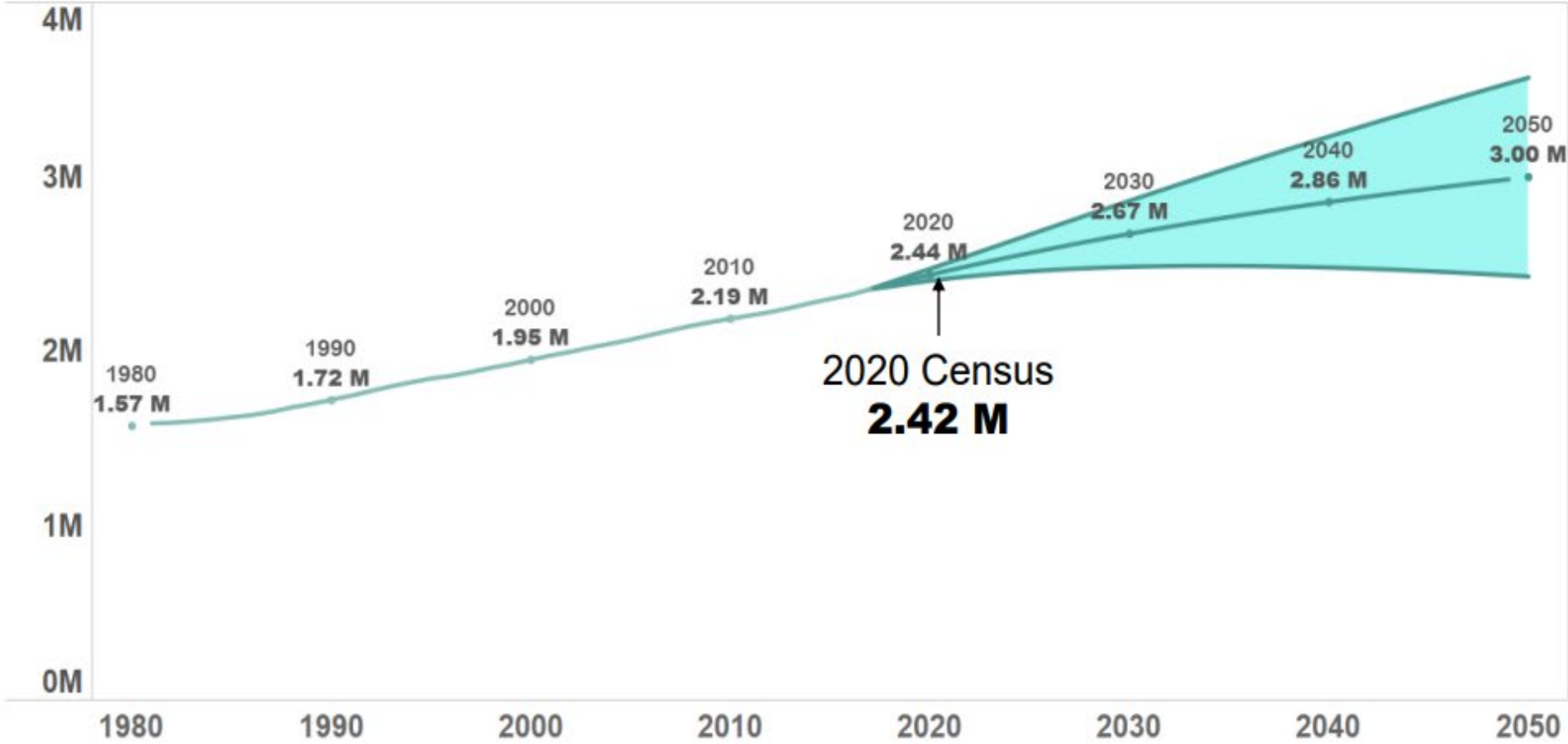
A REGION OF 3 MILLION PEOPLE BY 2050



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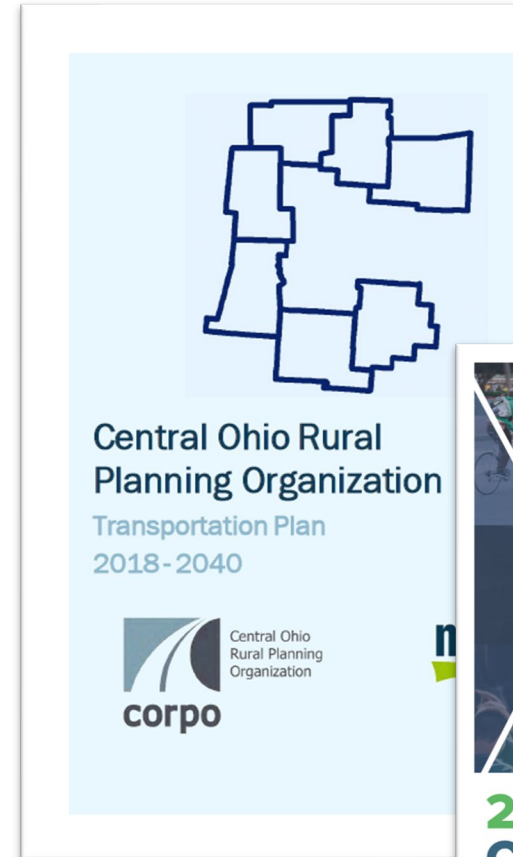
Central Ohio Population Projection

15-County Central Ohio Region



REGIONAL TRANSPORTATION PLANNING

- MORPC and LCATS Metropolitan Transportation Plans (MTP or LRTP)
- CORPO Transportation Plan
- *Identifies regional transportation strategies and projects*
- *Long-range (20+ years)*
- *Fiscally constrained*
- *Formal document submitted to ODOT and USDOT every 4 years*

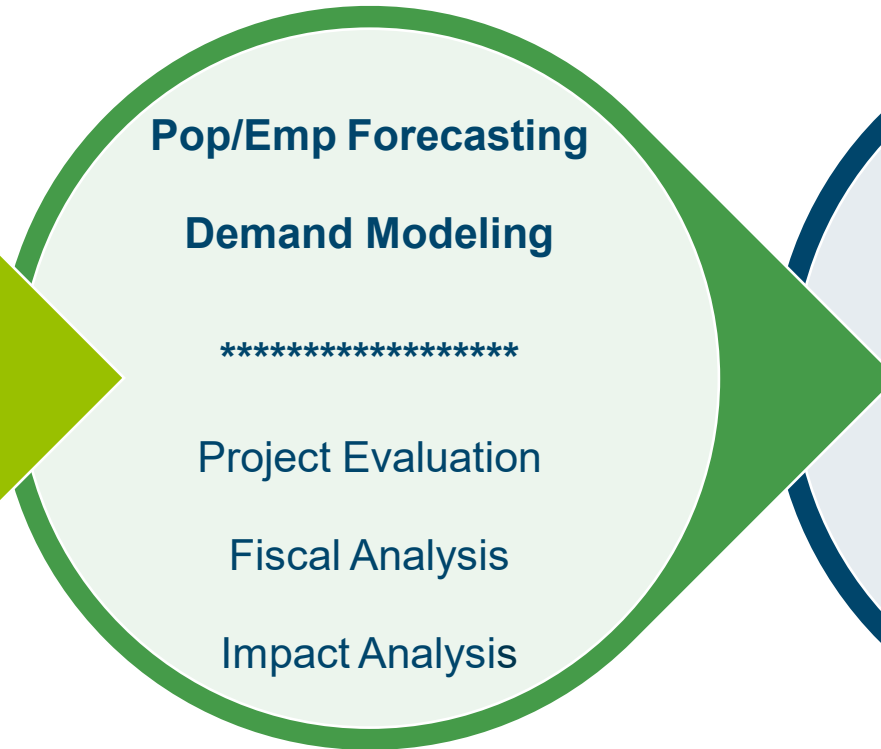


COMPREHENSIVE REGIONAL MTP PROCESS

INPUT



ANALYSES



OUTPUT



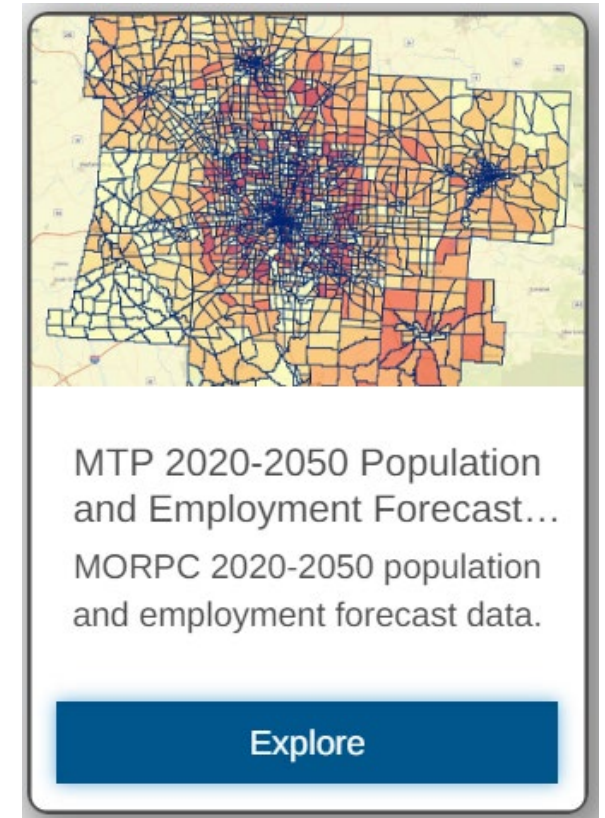
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POPULATION & EMPLOYMENT FORECASTING



MORPC

- Developed for 7-county region
- Presented at traffic analysis zone (TAZ) level
- Process and Inputs:
 - Establish base year (2020) estimates of population and employment
 - Develop forecast year (2050) county control totals to project total growth
 - Update future land use from local land use plans & points of interest
 - Distribute growth using land use, commuting patterns, and factors that attract/deter development
 - Revisions based on local review



Key Inputs to Travel Demand Model to Develop Traffic Forecasts

FORECASTING & TRAVEL DEMAND MODELING



MORPC

- Completed regionally on 4-year MTP cycle
- *Reviewed and updated as needed for:*
 - Small Area Studies
 - Corridor Studies
 - Other Special Studies

REGIONAL TRANSPORTATION PROGRAMMING

Transportation Improvement Program

- Local government & ODOT
- **consensus on regional priorities**
- **Comprehensive listing** of transportation projects
 - All federally funded projects
 - All other regionally significant projects
 - Highway, transit, bikeway, and pedestrian modes
- Summary of project **scopes, schedules and costs**
- Communicates this information to diverse parties
- Needs approval from MORPC, Governor, and U.S. DOT



Central Ohio Rural Planning Organization
Transportation Improvement Program
State Fiscal Years 2021 – 2024



Transportation Improvement Program

Licking County Area Transportation Study

Fiscal Years 2021 – 2024

www.lcats.org

First draft for ODOT & Policy Board Review: February 7, 2020



TRANSPORTATION IMPROVEMENT PROGRAM STATE FISCAL YEAR 2021 - 2024



Traffic FAQs

Long Range Planning & Programmed Projects - LCATS



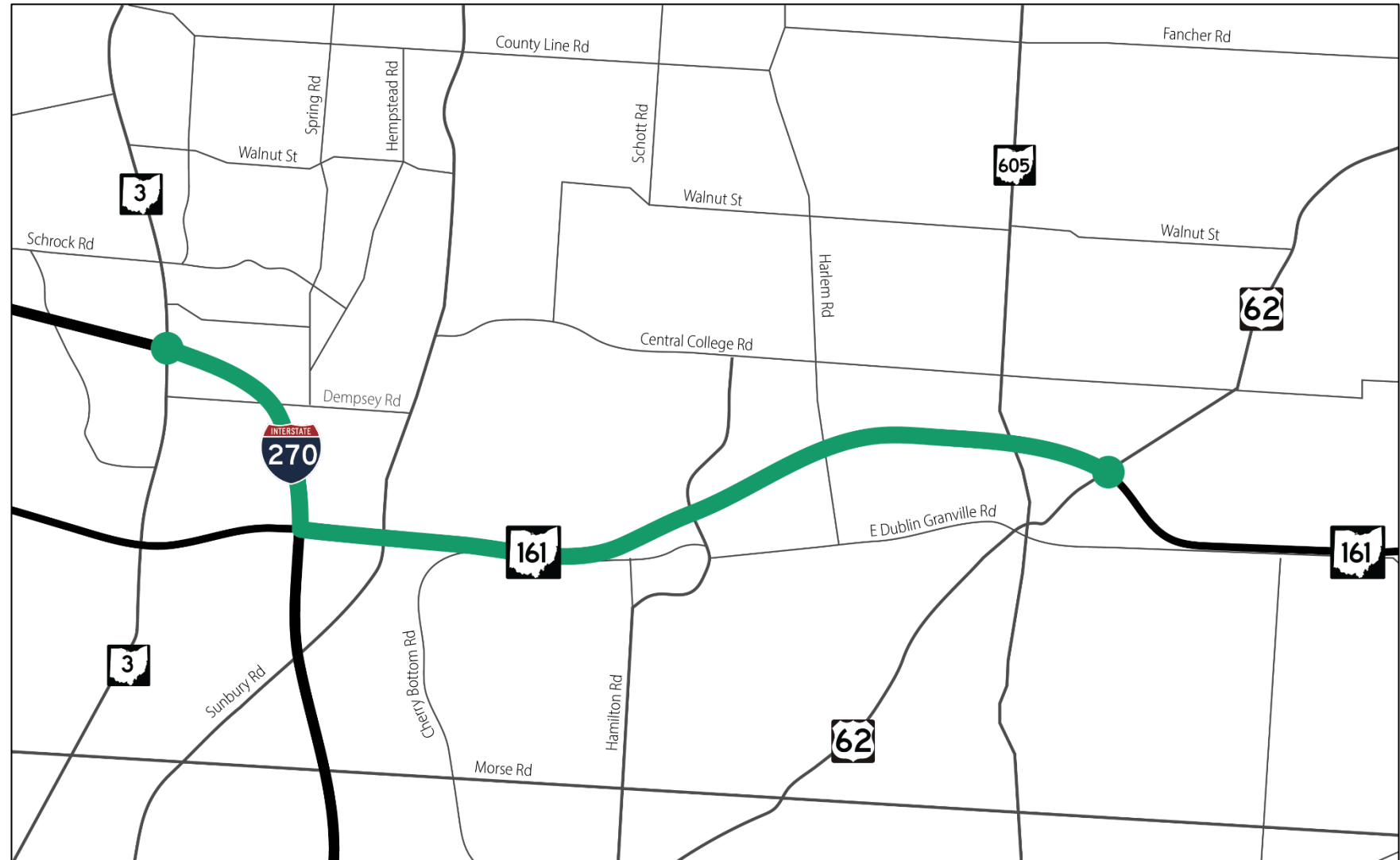
- Burgess & Niple has been selected to perform thoroughfare plans for both Unincorporated Licking County & City of Newark
- MS Consultants has been selected to write our next Transportation Plan which includes some new approaches:
 - *The largest public engagement we have ever done.*
 - *Scenario Planning to try and wrap our minds around some future possibilities, percent electric vehicle saturation, virtual work saturation, better connecting people to needed resources, future transit needs...*

ODOT INTEL AREA IMPROVEMENTS

Toni Turowski, ODOT District 6 Deputy Director
Julie Gwinn, ODOT District 5 Capital Program Administrator

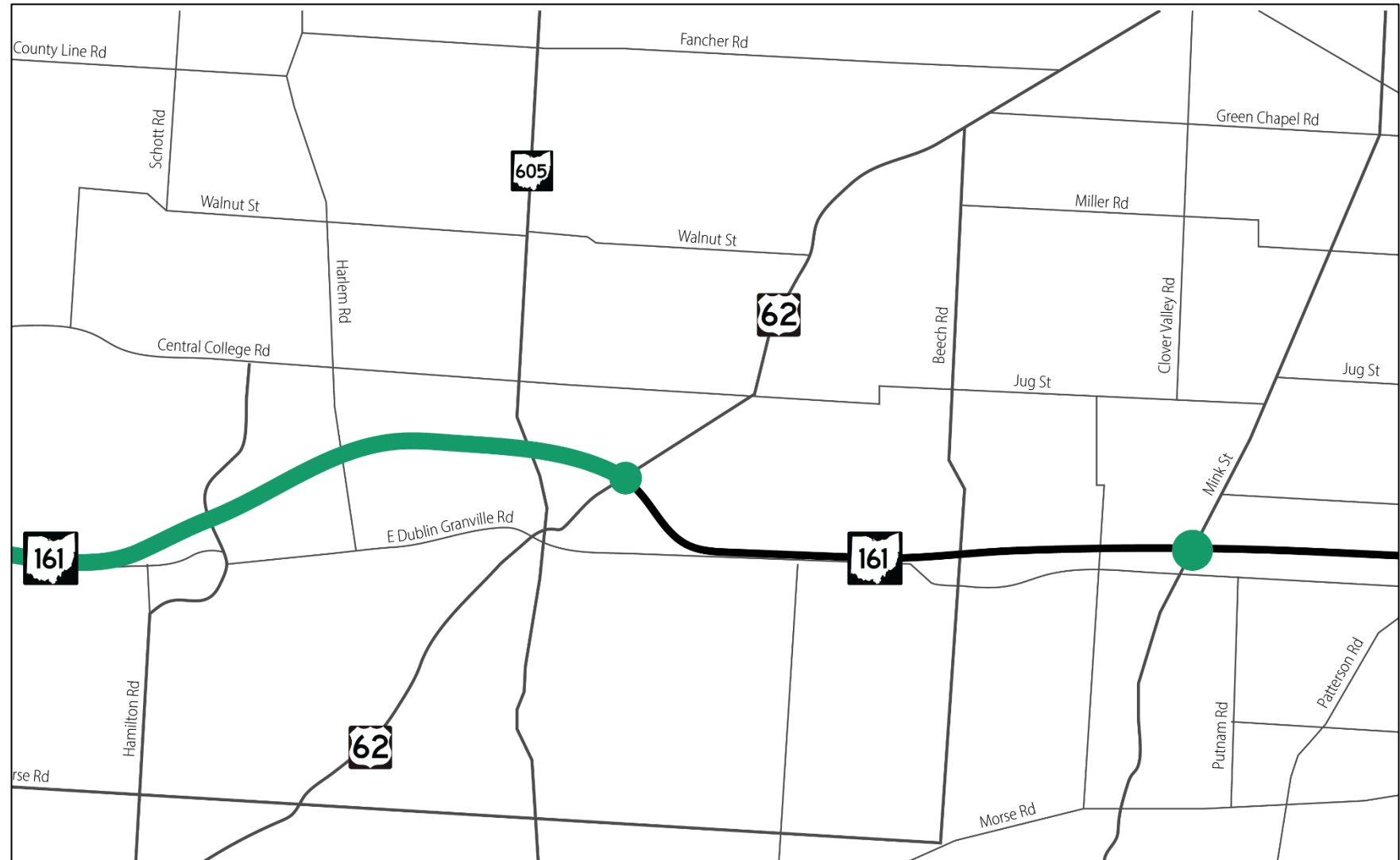
SR 161 WIDENING

- U.S. 62 to I-270
- SR 161 west ramp to I-270 north
- Construction to begin Summer 2023
- Additional lanes open by Nov. 2024



SR 161 AND MINK ST. INTERCHANGE IMPROVEMENTS

- Widen to two through lanes plus turn lanes
- Turn lanes on exit ramps
- Construction to be a part of New Albany's Mink St. project
- Complete May 2024



WORKING TOGETHER AS A REGION

ODOT District 6

Toni Turowski

District Deputy Director

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740-833-8111

ODOT District 5

Julie Gwinn

Capital Programs Administrator

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ODOT Resource Guide: Funding Overview



QUESTIONS



Questions & Comments

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Last updated 4/7/2022

Traffic FAQs

New Albany Local Road Improvements



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- *Maria Schaper – MORPC*

Construction Access Route

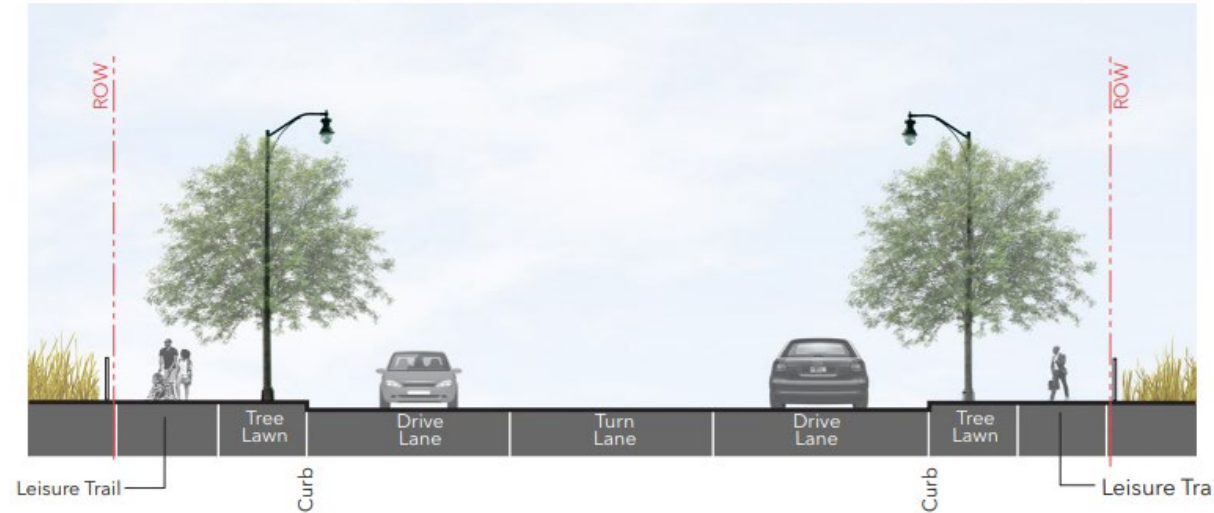
Phase 1:
Primary Improvements
2022 - 2023

Phase 2:
Secondary Improvements
2024 - 2025

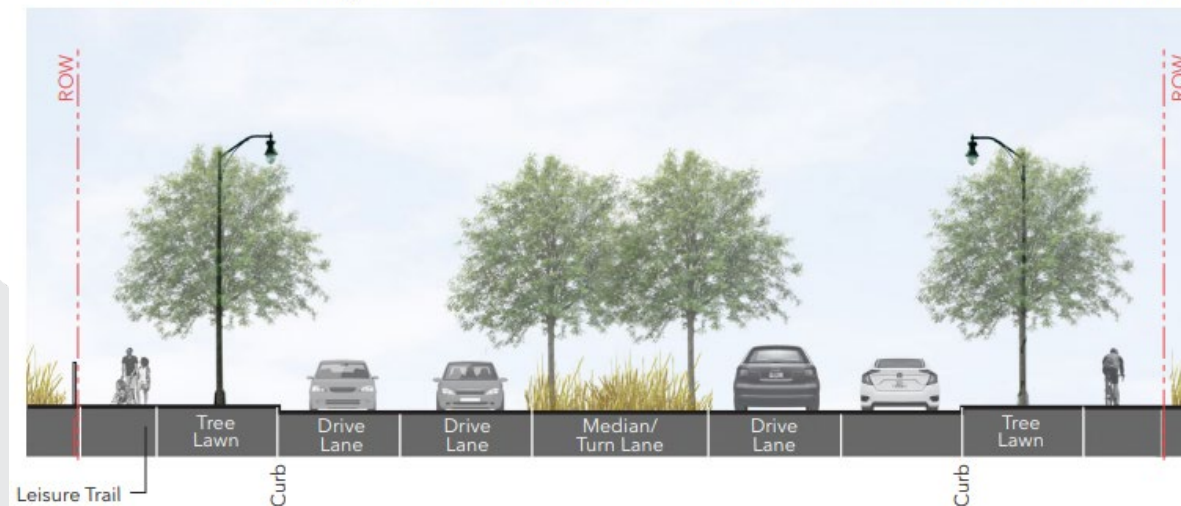


NEW ALBANY ROAD IMPROVEMENTS (INTEL-RELATED)

Three-lane roadway section: two total drive lanes with a center turn lane or median











Five-lane roadway section: four total drive lanes with a center turn lane or median

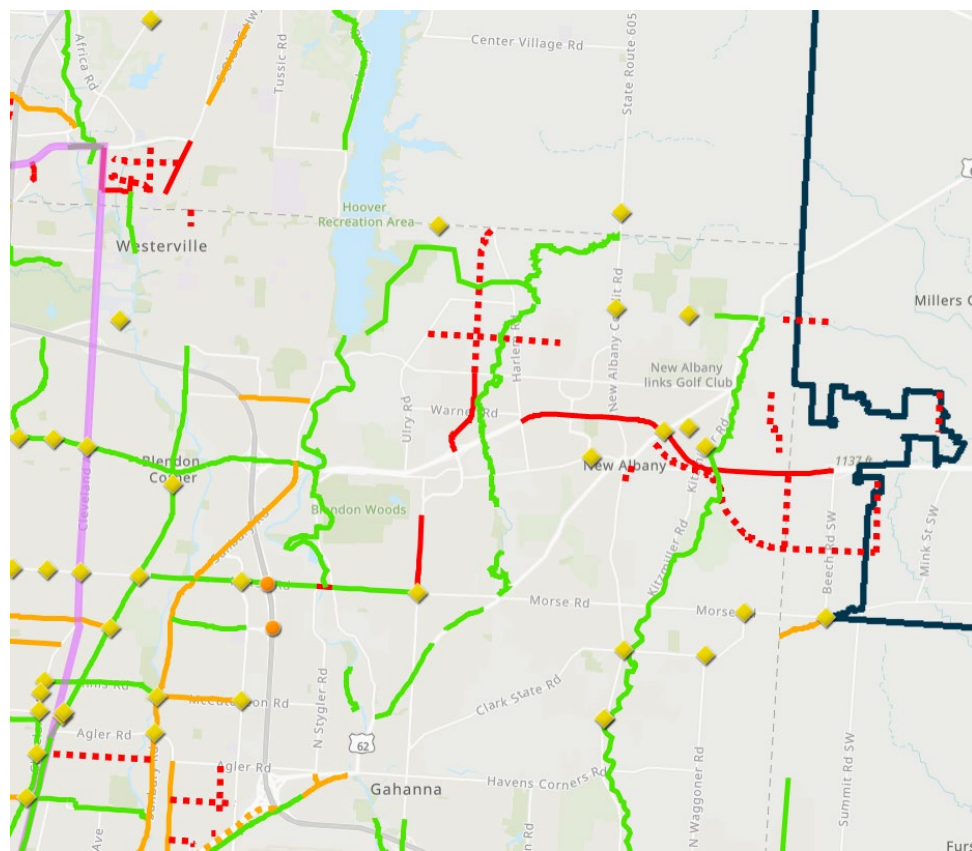


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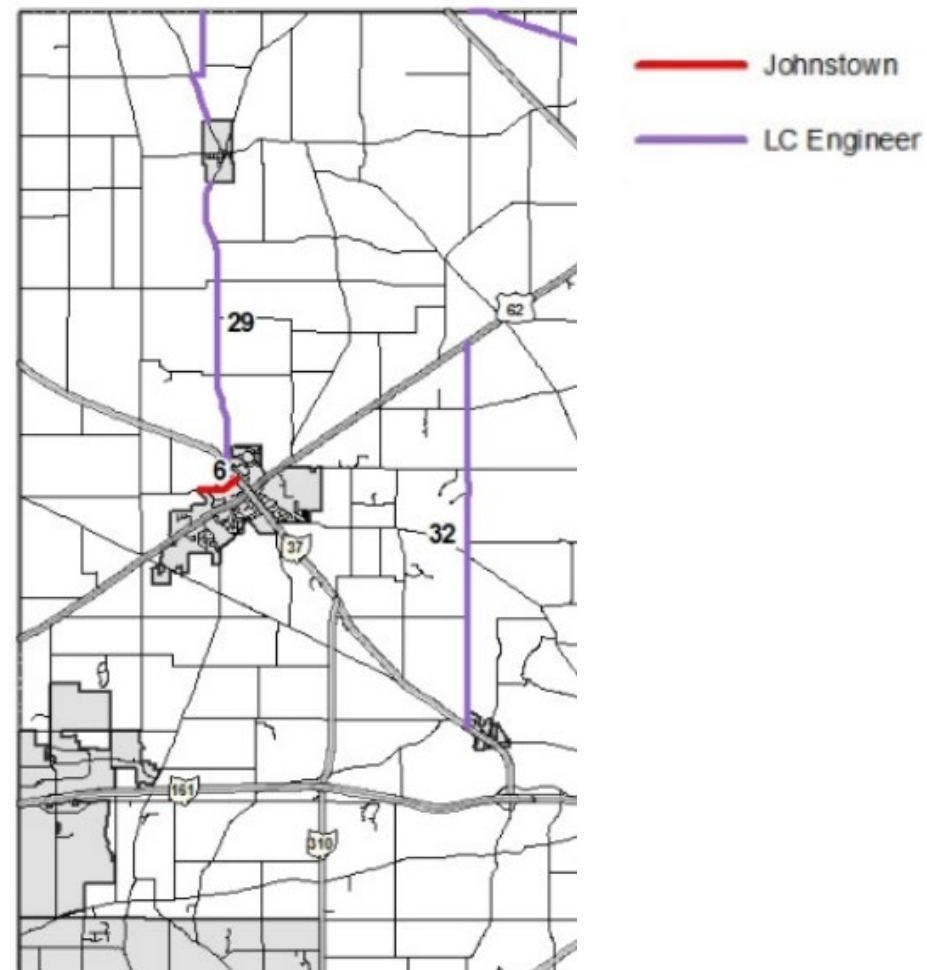
OTHER PRIORITY PROJECTS IDENTIFIED IN MTPs

MORPC 2020-2050 MTP

-  Intersection Modification
-  Interchange Modification
-  New roadway
-  Convert to Freeway
-  Major widening (add through travel lanes to roadway or freeway)
-  Minor widening (add center turn lane to non-freeway)
-  High Capacity Transit (including but not limited to Bus Rapid Transit, rail, streetcar, etc.)
-  Stand-alone Bicycle or Pedestrian



LCATS 2021-2050 LRTP



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Traffic FAQs

Licking County Transportation Improvement District



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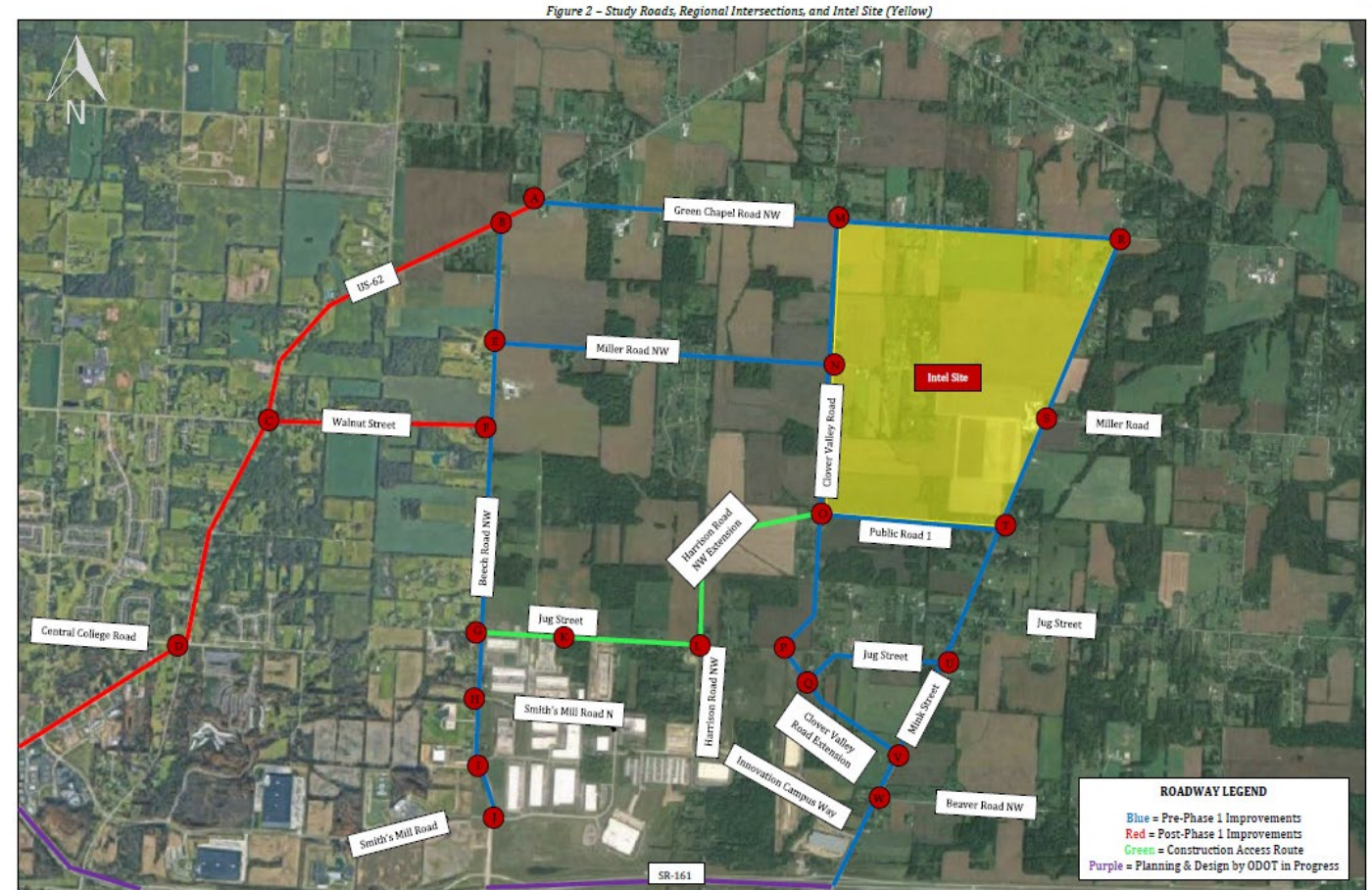
- *Bill Lozier – Licking County Transportation Improvement District*

Traffic FAQs - Licking County Local Roads Planning

INTEL-NEW ALBANY TIS

Important Assumptions and Criteria

- StreetLight, Trip data from Intel, ODOT's Travel Demand model; Baseline 2019; Years 2025 and 2035; 0.5% Growth Rate
- The Full Build Intel site estimate of 14,000 employees. Phase 1 estimated 3,500 employees and approximately 6,000 trade workers on site for construction of the New Albany Technology Manufacturing District (TMD).
- Phase 1 plus construction traffic would be approximately 78% of the Full Build trips generated by the site
- Other regional studies outside the TMD may be considered by ODOT and other municipalities but are not a part of this study

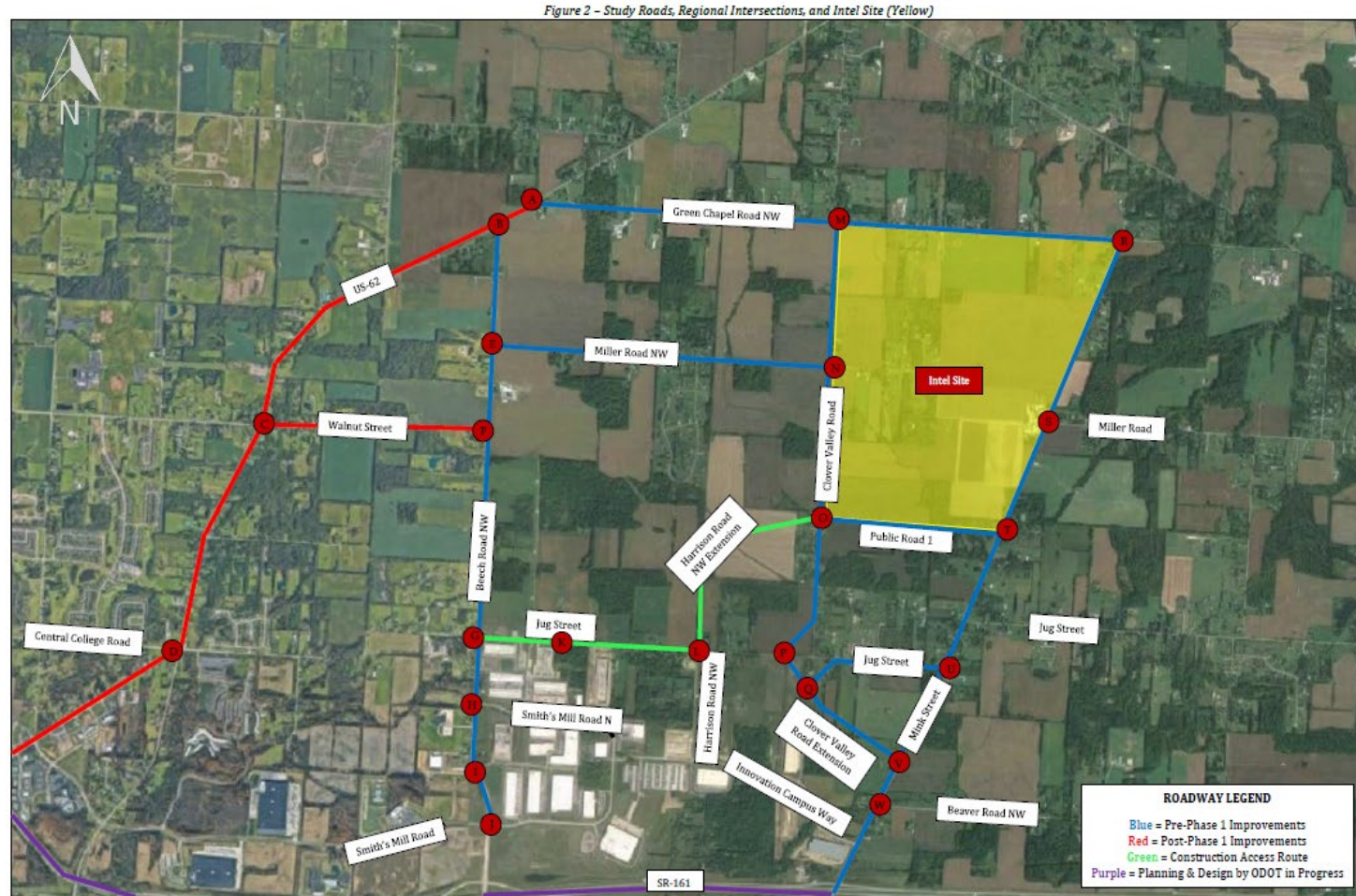


Traffic FAQs - Licking County Local Roads Planning

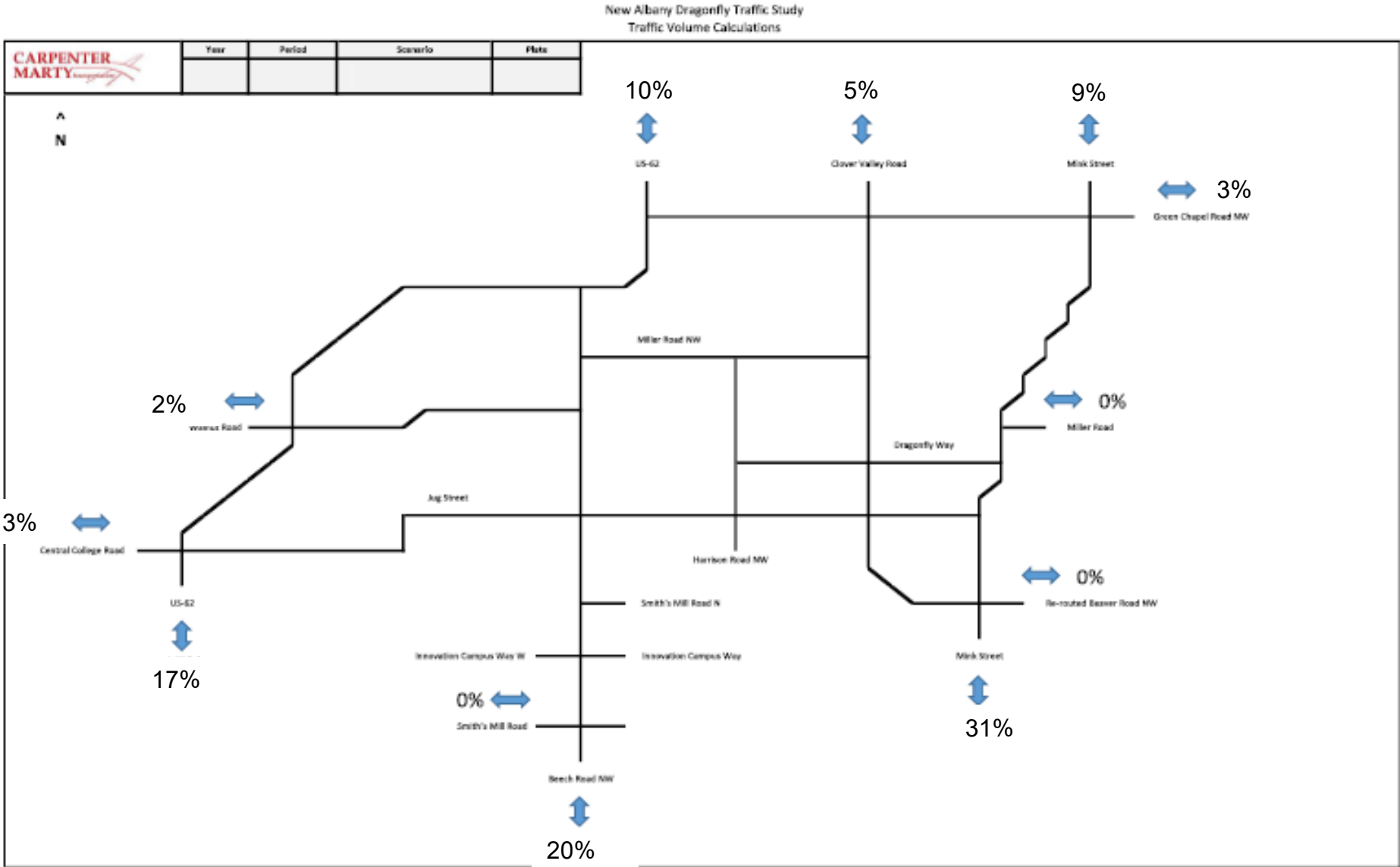
Intel-New Albany TIS

Findings and Recommendations

- 10 New Roundabouts and 15 New Signals inside TMD
- 81% traffic from south on Beech, Mink, SR 62; 7% from East
- Full build Volumes:
 - USR 62 (Central College–Green Chapel) 28-35K ADT (Future Improvement Recommended)
 - Mink (Miller–Green Chapel) 13-18K ADT (5-lane)
 - Clover Valley Ext (Jug–Mink) 21K ADT (3-lane)
 - Green Chapel (62–Mink) 22-28K ADT (5-Lane)
- No improvements Proposed outside TMD to East or North



Traffic FAQs - Licking County Local Roads Planning



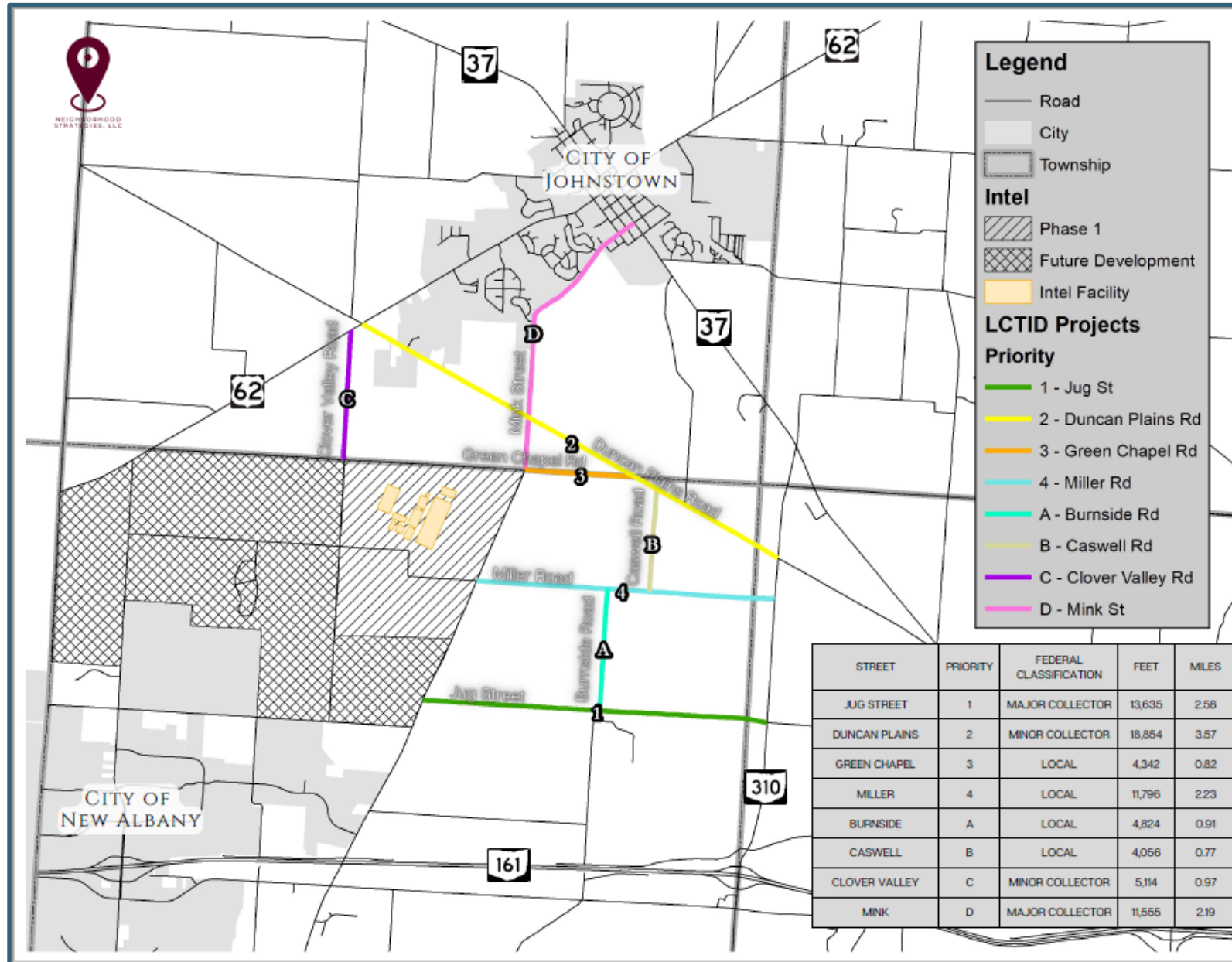
Intel-New Albany TIS Traffic Distribution

- 68% traffic from south on Beech, Mink, SR 62; 3% from East



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Traffic FAQs - Licking County Local Roads Planning



Licking County TID Improvement Project

General Information

- No State Routes Touch the TMD
- 14.1 Miles County and Twp Roads between TMD and SRs 310, 37 and USR 62
 - 4.75 mi Major Collector,
 - 4.54 mi Minor Collector,
 - 4.73 mi Local
- Poor pavement conditions, 18-22 ft width; some poor geometry and Drainage



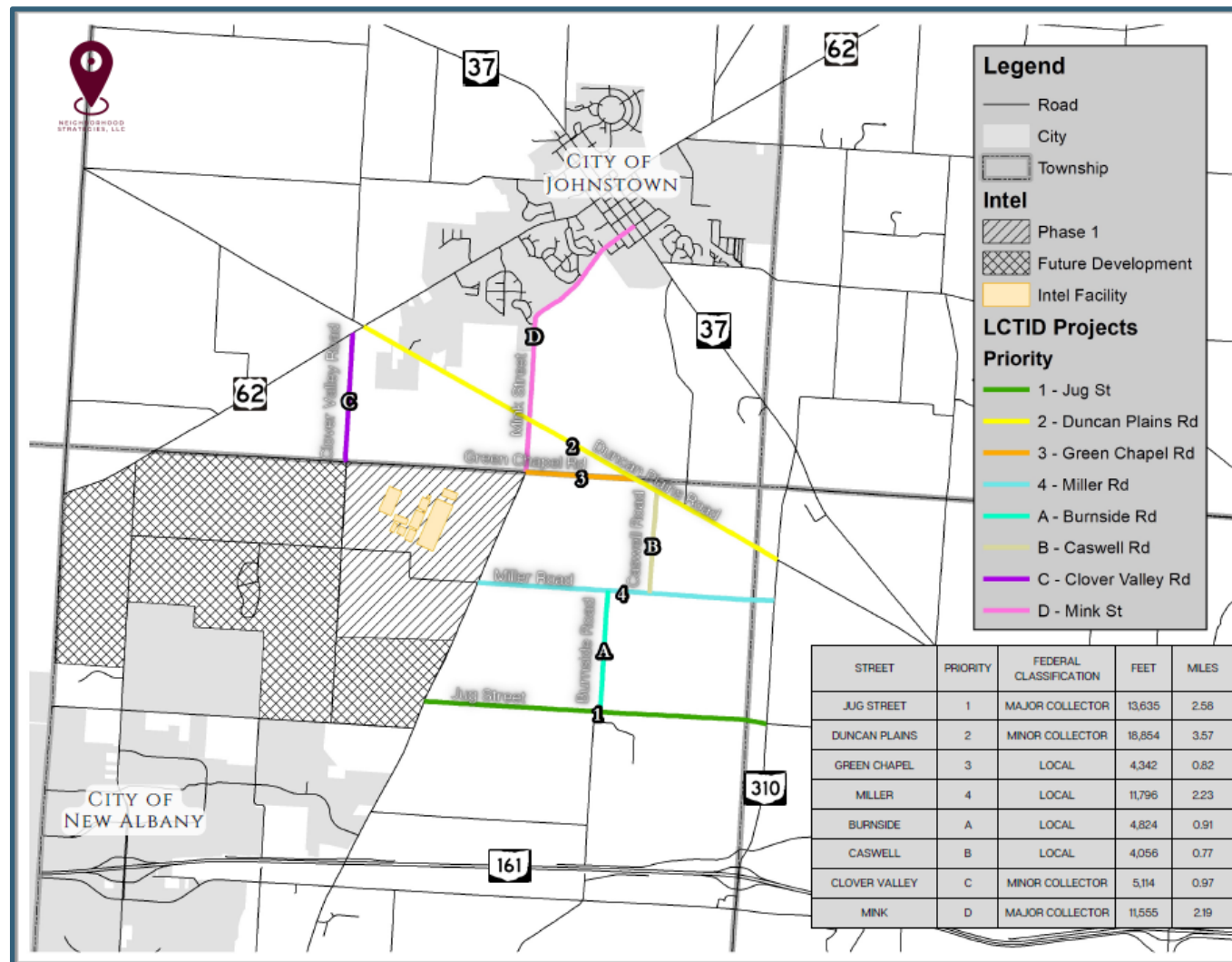
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Traffic FAQs - Licking County Local Roads Planning

Licking County TID Improvement Project

Proposals

- Local Road Improvement Scope of work
 - Repair, Resurface, Minor Widening, Geometric and Drainage Improvements for 14.1 Mi
 - Total Cost: \$6.4M (Incl \$513K PE+10% Const Contingency)
- TID Grant application March 31
 - PE, 500K
 - Begin 7-14-2022, Complete 12-1-2023
- Community Projects Funding Congressional Earmark Request April 1
 - Construction, 4.7M (Major and Minor Collectors*)
 - Begin 3-1-2024, Complete 9-1-2024
- Other Targeted funds incl ODOT J&C, OPWC, SIB
- Recently Received Local Road TIS Proposal from MS Consultants



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Traffic FAQs

Mobility Planning



- *Mary Ann Frantz – MORPC*
- *Matt Hill – LCATS*

Traffic FAQs

Mobility Planning



- Licking County Commissioners are resetting Transit Services in Licking County and they are currently looking for a new director see <https://jobs.smartrecruiters.com/LickingCounty/743999814977643-executive-director-transit>
- LCATS is applying for a multimodal mobility RAISE planning grant with assistance from MORPC, ODOT Office of Transit and related stakeholders - *Grant selections will be made by August 12, 2022*
 - Objective if funded this study will
 - Identify a multimodal mobility network that supports economic opportunity and sustainability goals for Licking County and the surrounding areas.
 - Develop a sustainable and equitable mobility ecosystem that meets the growing needs for employment access and opportunity for commuters, while also supporting mobility independence for underserved populations
 - *Study Planning Process*
 - Defining the need with data
 - Clarifying the vision with engagement
 - Guiding the implementation of warranted innovation

Next Steps & Commitment to the Region



Chris Harkness, AICP

EXECUTIVE DIRECTOR

**LICKING COUNTY
PLANNING, DEVELOPMENT
& TRANSPORTATION STUDY**



William Murdock, AICP

EXECUTIVE DIRECTOR

**MID-OHIO REGIONAL
PLANNING COMMISSION**

Contacts from today's meeting:

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Thank You!

for your regional engagement today

Identify yourself (if you want)

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and use the code **8229 8926**

