



# DAYTON





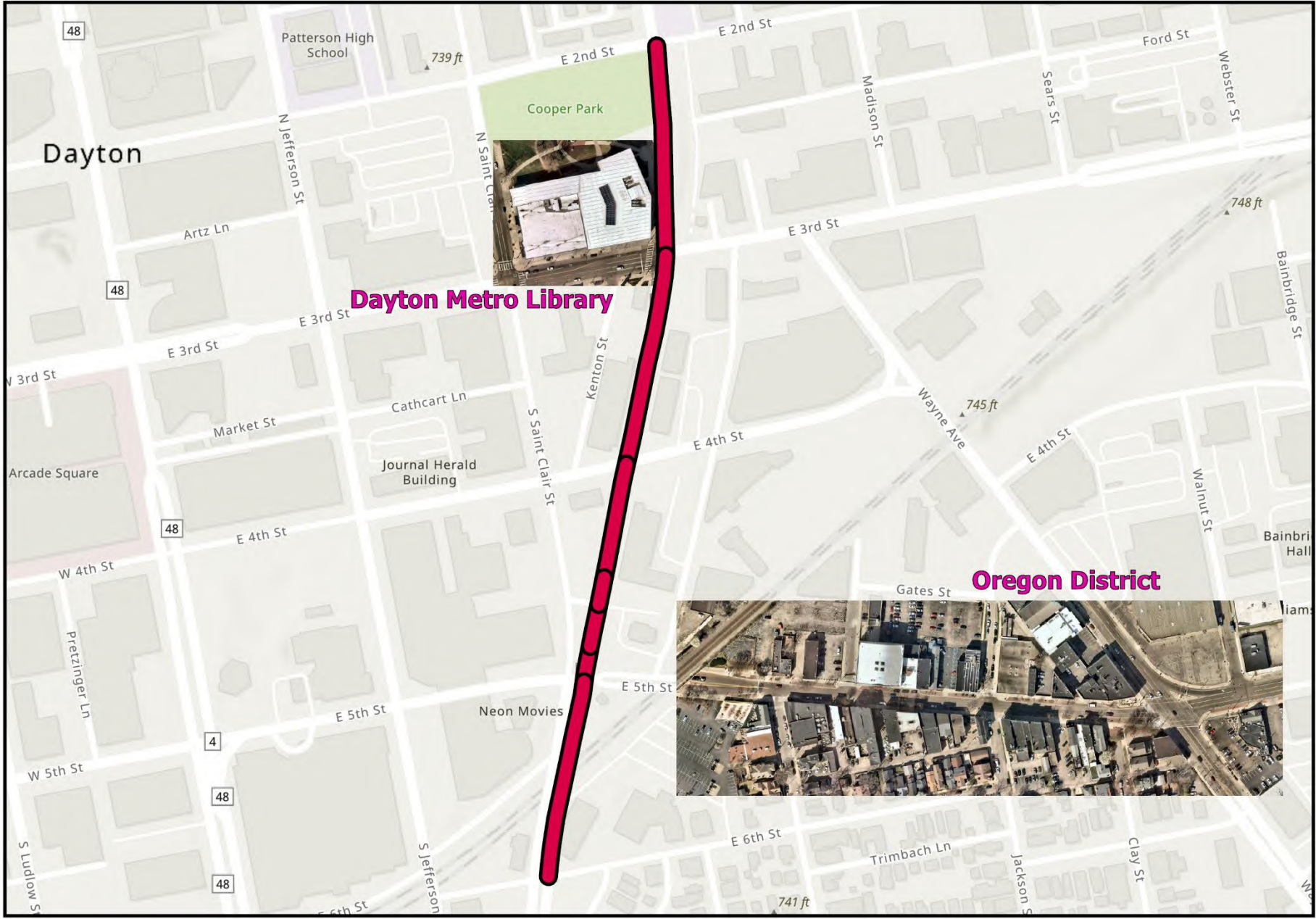
## City of Dayton

- Southwest Corner of Ohio
- County Seat for Montgomery County
- Population: 137,644 (2020 Census)
- 55.8 Square Miles
- 700 Centerline Miles of Roadway Network

# Road Diet

- “Removing travel lanes from a roadway and utilizing the space for other uses and travel modes.” –Institute of Transportation Engineers
- Benefits
  - Reduced Vehicle Speed
  - Improved Mobility and Access
  - Reduced Collisions and Injuries
  - Improved Quality of Life





**Dayton Metro Library**



**Oregon District**

# Patterson Boulevard (Before)

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- 4 – Travel Lanes
- 1 – Parking Lane
- 9,200 ADT
- Narrow Sidewalks
- High Vacancy
- Lack of Pedestrian Connection
- Excess Capacity





# Patterson Boulevard (After)

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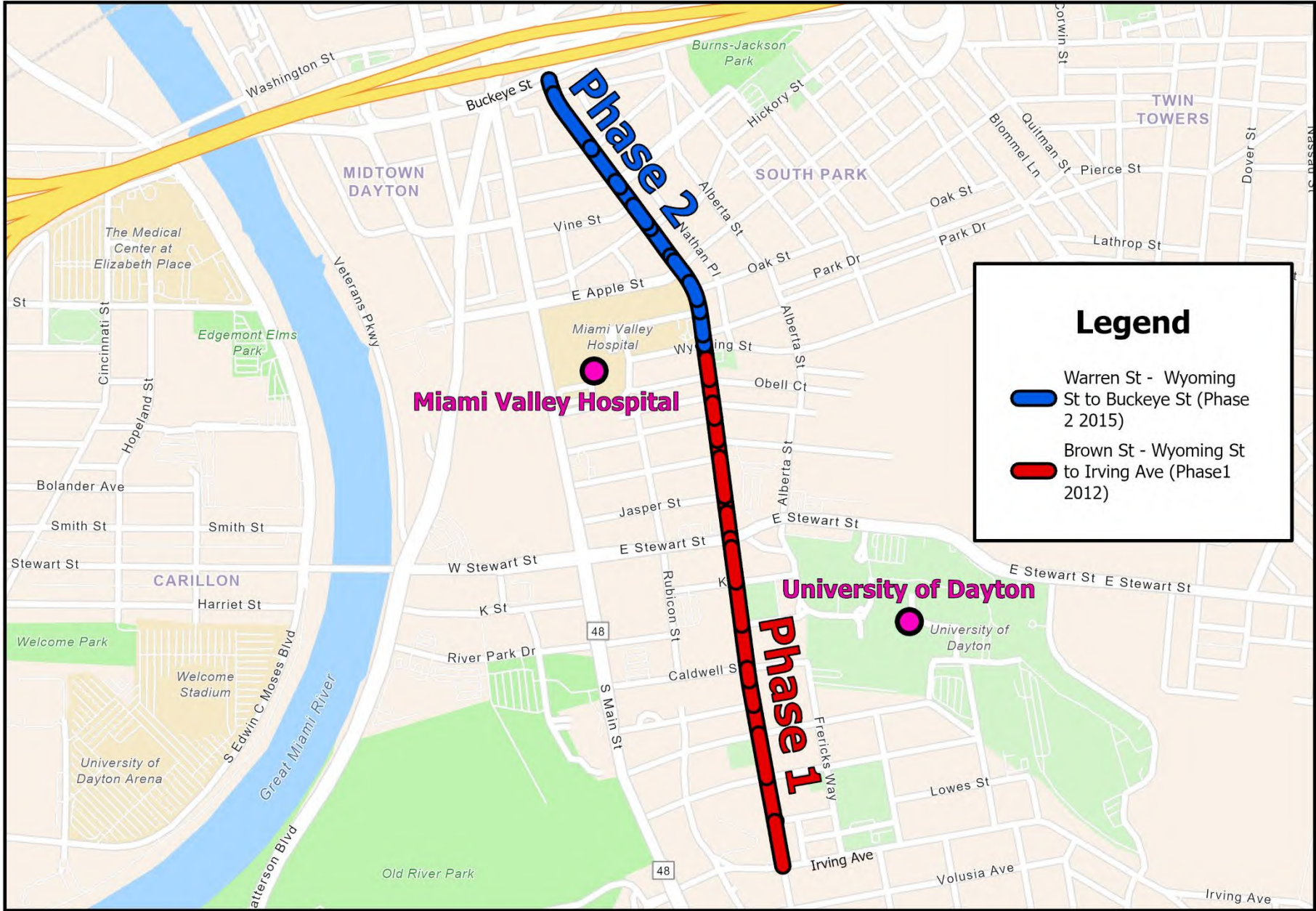
- 2 - Travel Lanes
- 1 - Parking Lane
- 6,500 ADT
- \$2M Project
- Ohio Cultural Facilities Commission
- Wide Sidewalks
- Landscaping
- Pedestrian Amenities
  - Lights
  - Historical Pylons



# Patterson Boulevard Takeaways

- Stakeholder Meetings
- Stakeholder Input
- Partners
  - Citywide Development
  - CYP Studios

# Brown St (Phase 1 2012) and Warren St (Phase 2 2015)



### Legend

- Warren St - Wyoming St to Buckeye St (Phase 2 2015)
- Brown St - Wyoming St to Irving Ave (Phase 1 2012)



# Warren/Brown Street (Before)

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- 4 – Travel Lanes
- 14,000 ADT
- Narrow Sidewalks
- Narrow Lanes
- High Pedestrian Traffic
- High Accident Rate
- Major Bus Route



# Warren/Brown Street (After)

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- 2 – Travel Lanes
- 2 – Bike Lanes
- 1- Two Way Left Turn
- 12,800 ADT
- \$7.6M Total Project
- Army Corps of Engineers
- ODOD 629 Funds
- OPWC Issue 1
- Improved and encouraged pedestrian movements
- Enhanced the commercial uses and access to neighborhoods and institutions.
- Added Bike Infrastructure





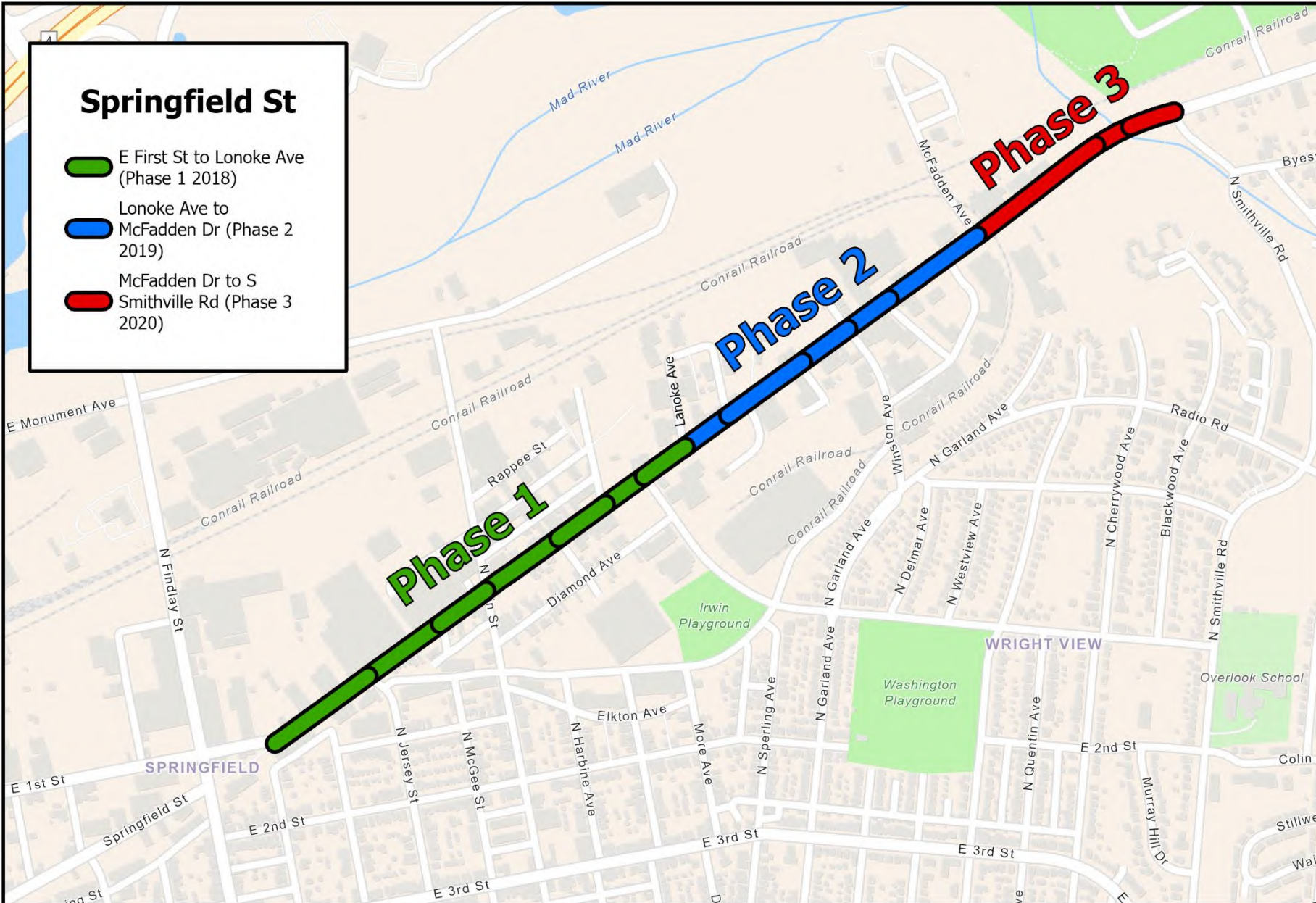
# Warren/Brown Takeaways

- Stakeholder Meetings
- Stakeholder Lead Planning
- Integrated with current plans
- Partners
  - Miami Valley Hospital
  - University of Dayton
  - Citywide Development
  - City of Dayton Water Department
  - Montgomery County Fairgrounds
  - Neighborhood Associations
  - Gresham, Smith, and Partners



## Springfield St

-  E First St to Lonoke Ave (Phase 1 2018)
-  Lonoke Ave to McFadden Dr (Phase 2 2019)
-  McFadden Dr to S Smithville Rd (Phase 3 2020)





# Springfield Street (Before)

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- 4 – Travel Lanes
- 4,400 ADT
- Connection between Downtown and WPAFB
- Narrow Sidewalks
- Narrow Lanes
- Excess Capacity
- Bus Route



# Springfield Street (After)

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- 2 – Travel Lanes
- 2 – Bike Lanes
- 1- Two Way Left Turn
- 4,200 ADT
- \$5.5M Total Project
- Surface Transportation Program
- OPWC Issue 1
- Added Bike Infrastructure
- Wider Sidewalks



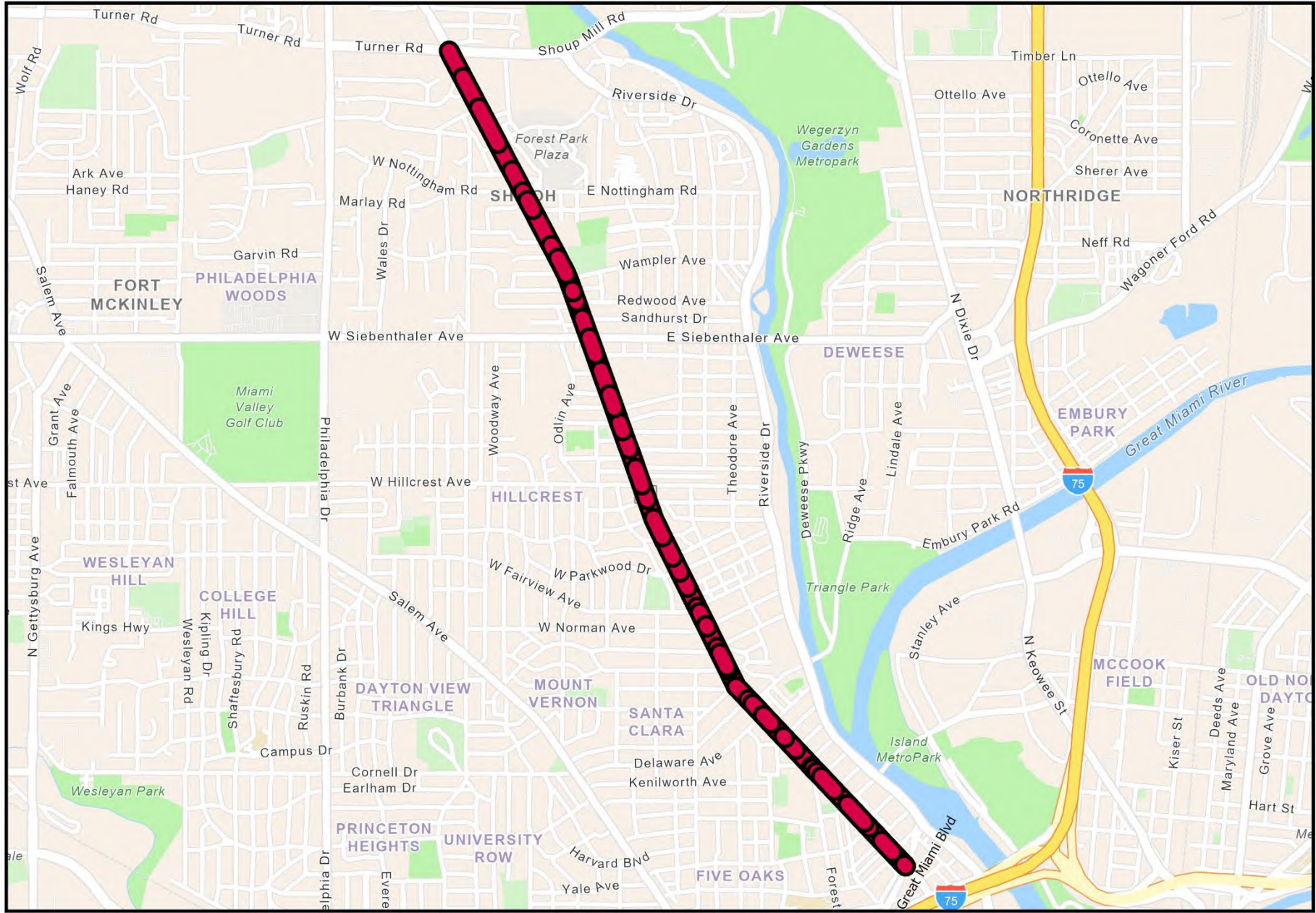


# Springfield Takeaways

- Stakeholder Meetings
- Partners
  - Citywide Development
  - City of Dayton Water Department



# N Main Street - Great Miami Blvd to Shoup Mill Rd





# North Main Street (Before)

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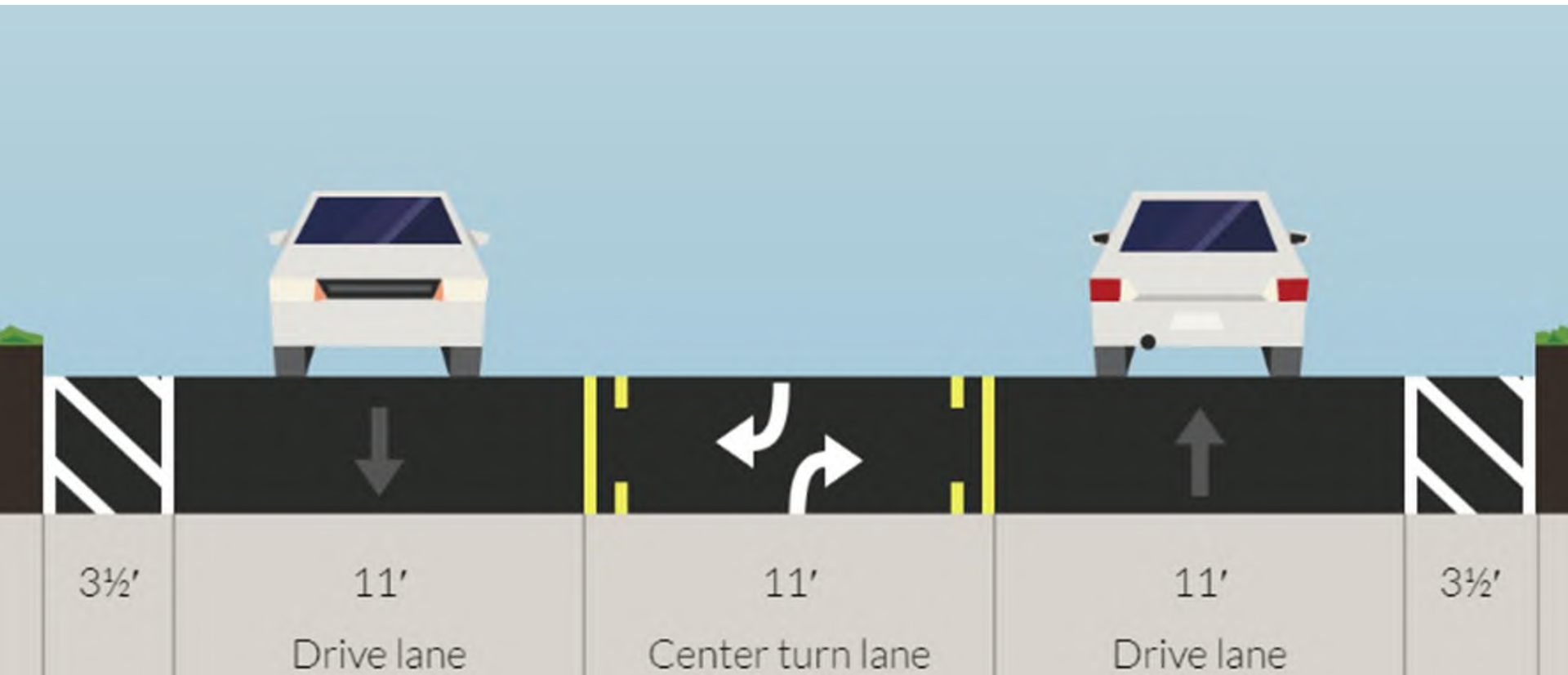
- 4 – Travel Lanes
- 18,400 AADT
- High Accident Rate
- Speed
- High Pedestrian Activity
- Major Bus Route





# North Main Street (After)

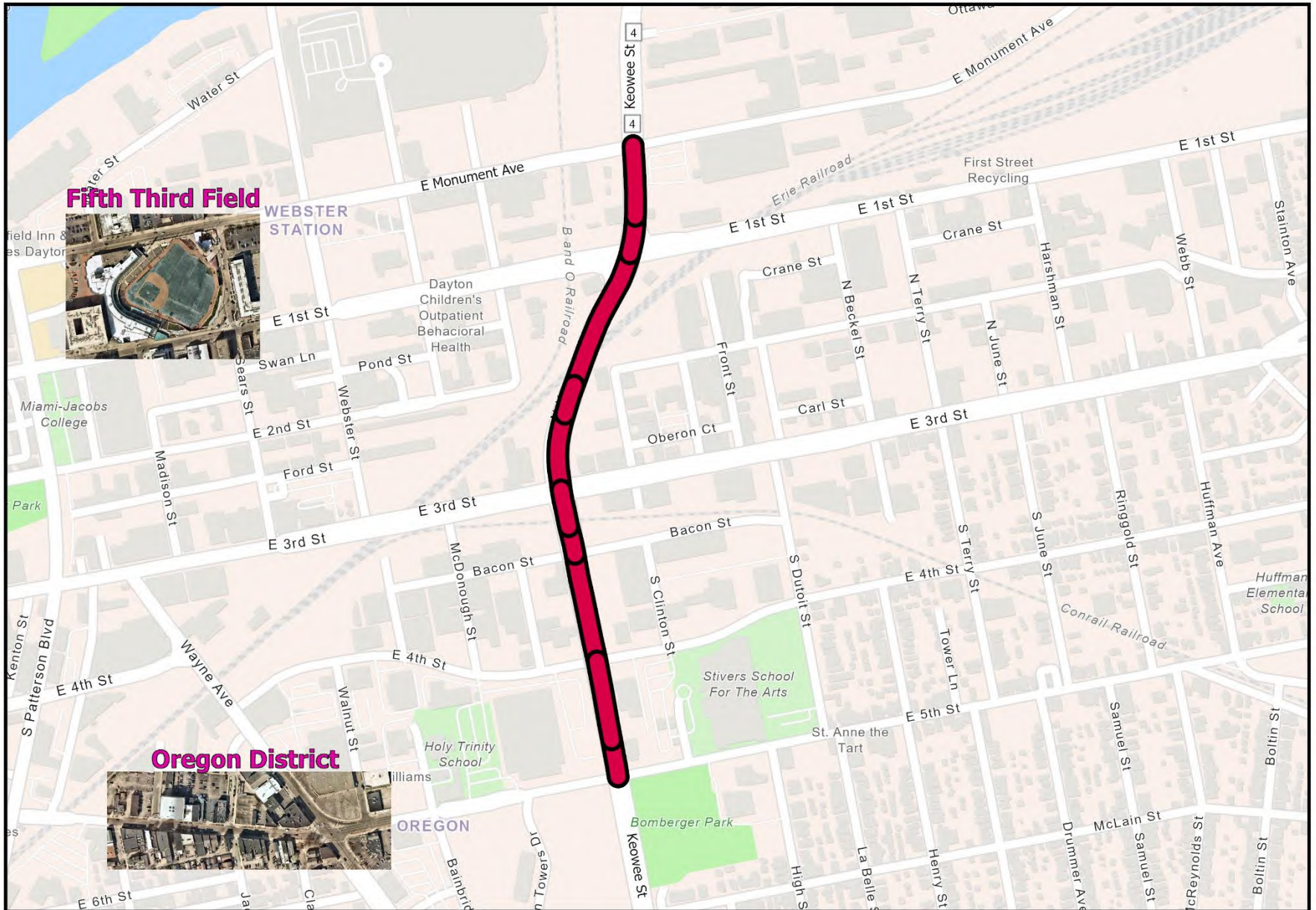
- 2 – Travel Lanes
- 1 – Two Way Left Turn
- \$6.2M Project
- Federal Safety Funds
- ODOT Funds
- OPWC Issue 1
- Pedestrian Refugee Islands
- Pedestrian Crossing Signage and Striping
- Lighted Pedestrian Crossings



# North Main Takeaways

- Stakeholder Meetings
- Stakeholder Input
- Traffic Study
- Partners
  - Ohio Department of Transportation
  - Miami Valley Regional Planning Commission
  - Burgess & Niple

# Keowee Street - E Monument Ave to E Fifth St



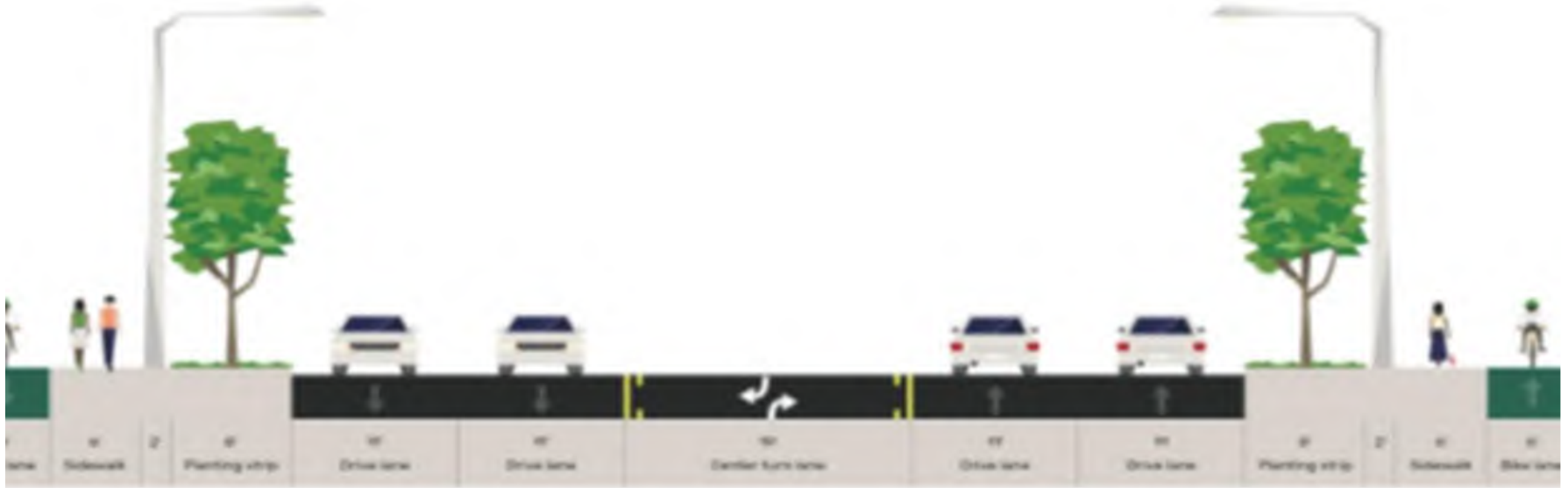


# Keowee Street (Before)

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- 7 – Travel Lanes
- Median/Two Way Left Turn Lane
- 25,200 AADT
- Narrow Sidewalks
- Excess Capacity
- Large Crossing Distances





## Keowee Street (After)

- 5 – Travel Lanes
- 1 – Median/Two Way Left Turn
- Wide Shared Use Path/Sidewalk
- \$2.2M Project
- ODOT Safety Funds
- Construction 2026

# Questions?

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