

Pavement Deterioration

GOOD

PAVEMENT CONDITION

POOR



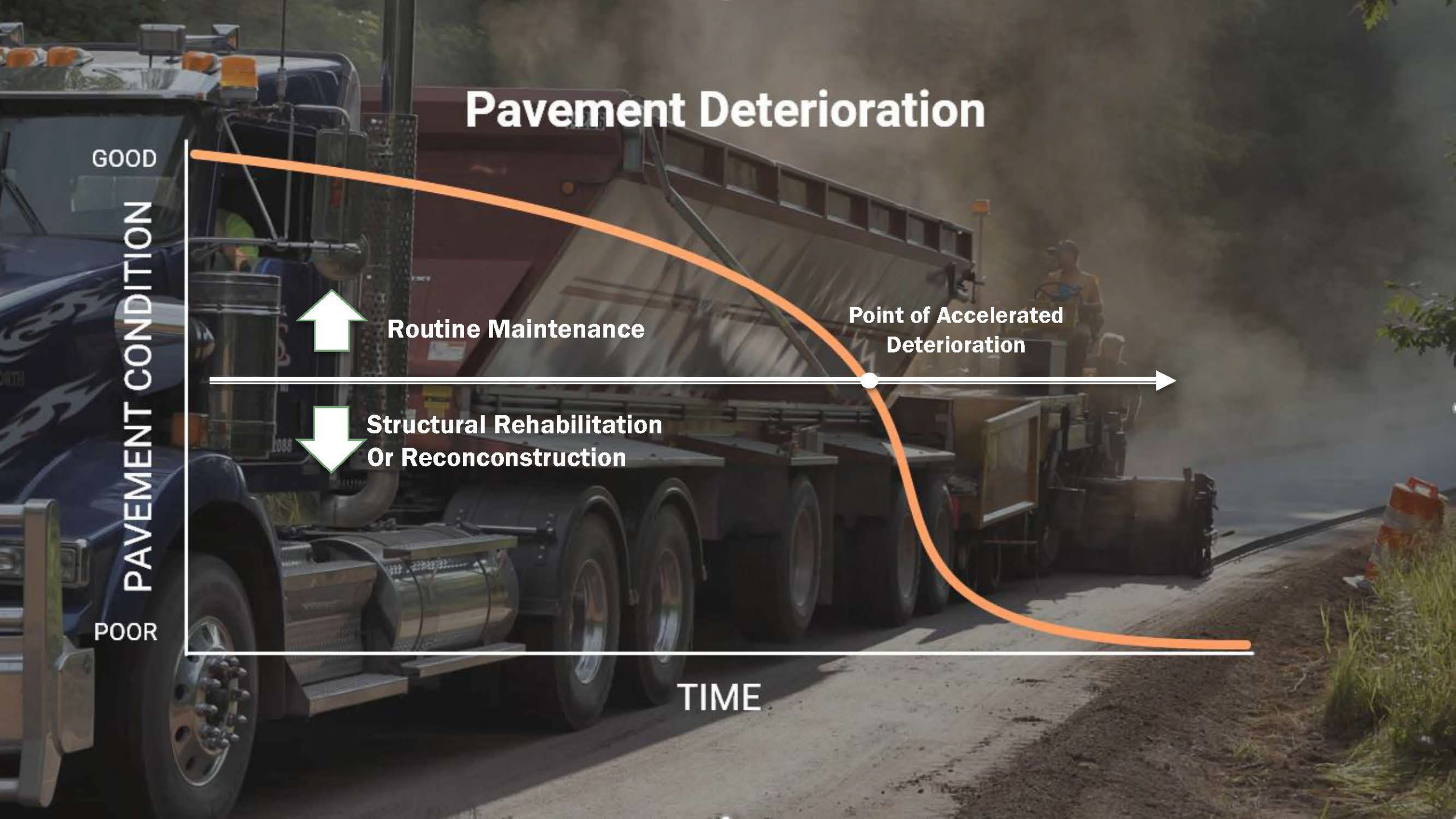
Routine Maintenance



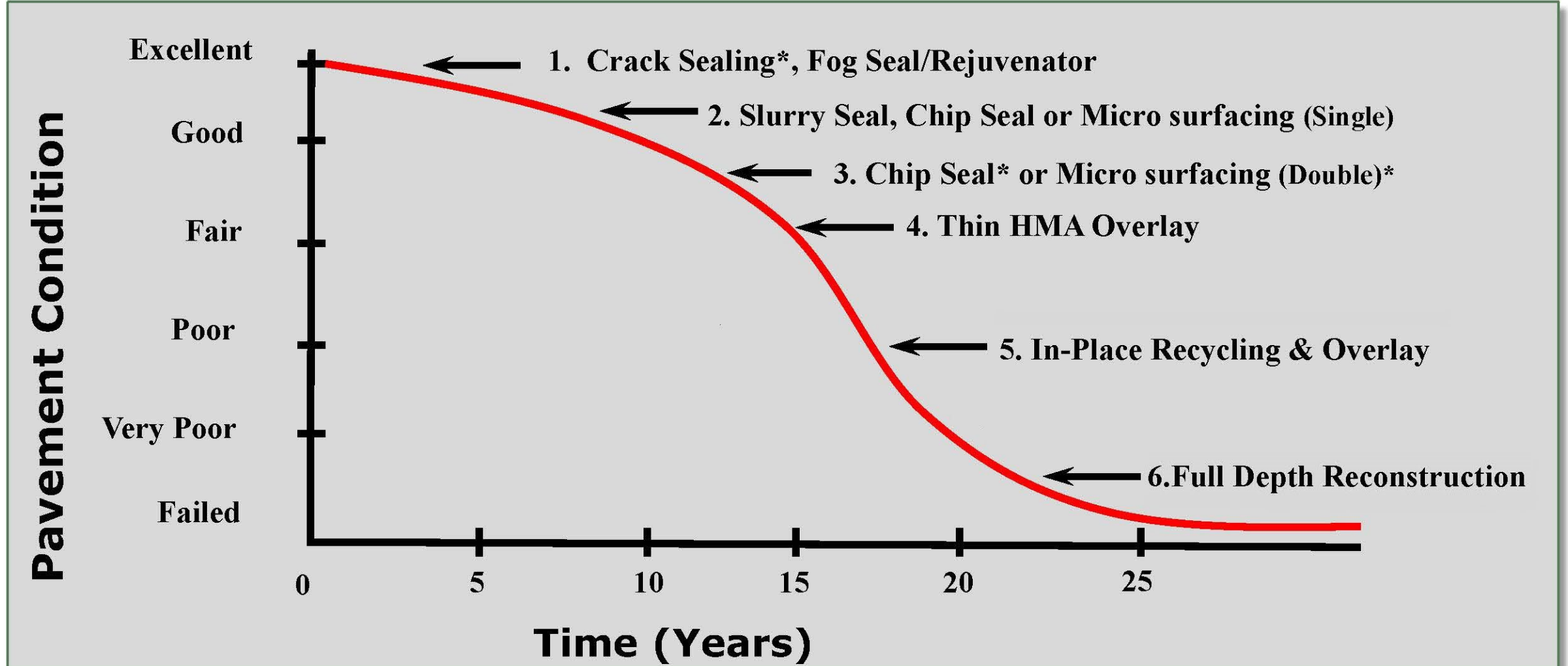
Structural Rehabilitation
Or Reconstruction

Point of Accelerated
Deterioration

TIME



Applying the Right Treatment to the Right Road at the Right Time



*** Crack Sealing is also be used in conjunction with other applications and as needed**

2023 PRESERVATION

The County performs regular maintenance/preservation on our 876 miles of Roadway, 218 Bridges, and 2,500 Culverts. We own three signals and 5 HAWKS.

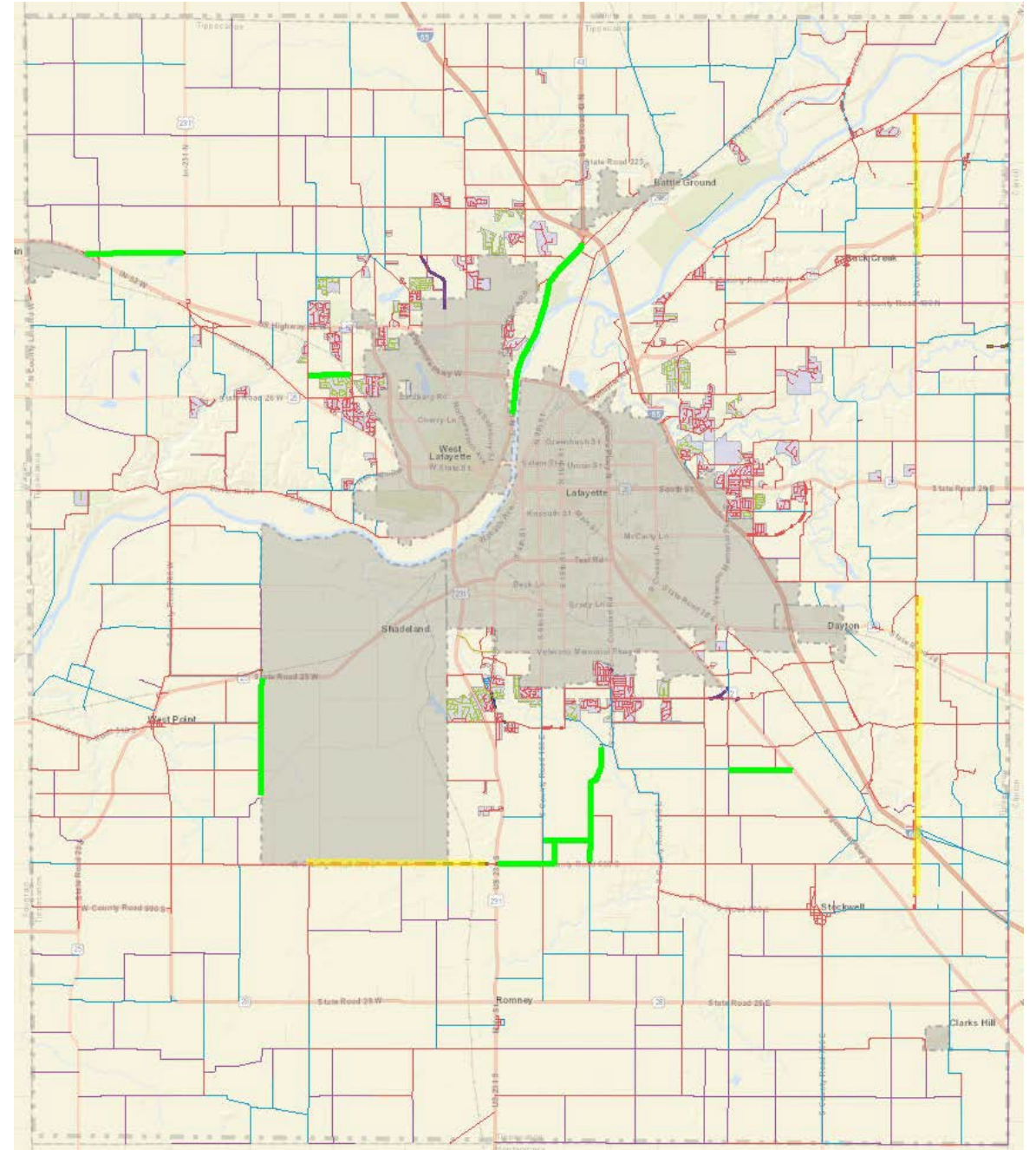
Lafayette maintains 290 miles of Street with 108 signals and 5 RA. West Lafayette maintains 101 miles of Street with 37 signals and 5 RA.

CRACK & FOG SEAL – Approximately 20 mile of asphalt roadway received crack seal. Several miles additionally received fog.

SUBDIVISIONS – Micro Surfacing was one in two asphalt subdivisions and concrete patching and ramp reconstructions were done in another four.

2" RE-SURFACE – This work included the overlay of ten (10) separate roadways totaling over 20 center line miles at various locations around the County.

NORTH RIVER ROAD – This work included the replacement of 23 Culverts and the mill and overlay of approximately 3.5 miles of North River Road from the West Lafayette City Limit to CR 500N. This work has been programmed and scheduled to be completed while this section of highway which normally carries over 10,000 vehicles per day is closed and/or restricted by the West Lafayette CSO Project on River Road near Happy Hollow.



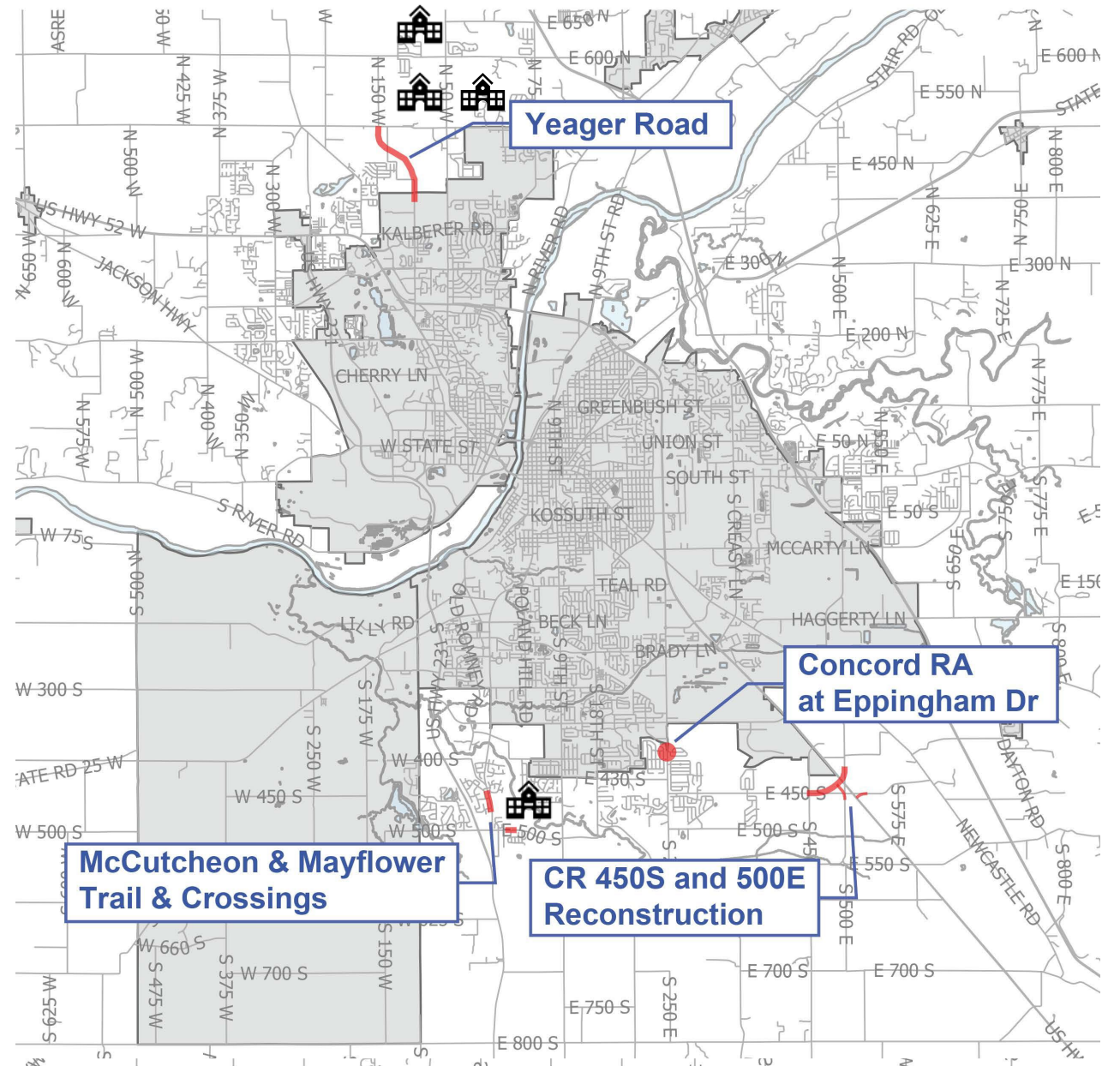
2023 Major County Projects

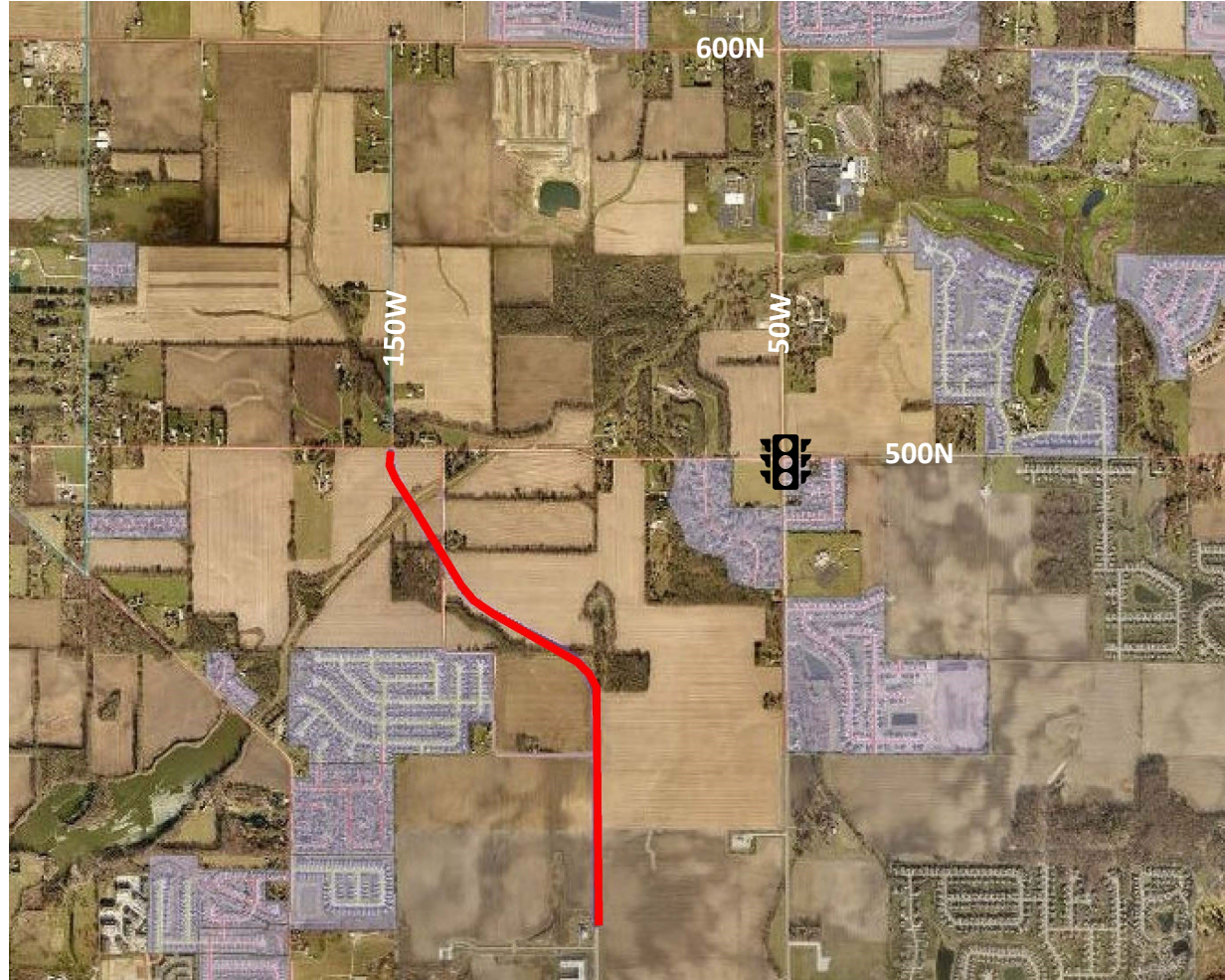
Yeager Road – This is a new urban section (curb & gutter with storm sewers) includes a multi-use trail. The project has a construction cost of **\$9,140,000**, funded with \$5,665,000 in STBG Federal Funds, and will be open at the end of this season.

Concord Roundabout (RA) – This project includes the extension of Eppingham Drive to Concord Road to a new RA connecting Stones Crossing SD and the new Concord Crossings South SD to Concord Road. The project will also close the existing Marcasite Blvd./ Concord Intersection, eliminating a severe traffic conflict with the Benjamin Crossing SD. The **\$3,700,000** project is being funded through the TIF and will be open at the end of this season.

CR 450S /500E – This project reconstructs the 450S 500E, realigning their intersection with US 52 to a perpendicular alignment with a new traffic signal. The project also includes the construction of several detention ponds and a new stormwater system. The **\$8,000,000** project is being financed through the TIF with a \$1,000,000 supplement through the Community Crossings Matching Grant Program (CCMG).

McCutcheon & Mayflower – This project provides for a new multi-use trail section along Old 231 with new HAWK (Pedestrian) signals at Old 231 and CR 500S to provide safe crossings to the schools. Ninety percent of the **\$1,296,000** project will be funded with HSIP Federal Safety Funds.





Yeager Road – This is a new urban section (curb & gutter with storm sewers) includes a multi-use trail. The project has a construction cost of **\$9,140,000**, funded with \$5,665,000 in STBG Federal Funds, and will be open at the end of this season.



YEAGER ROAD

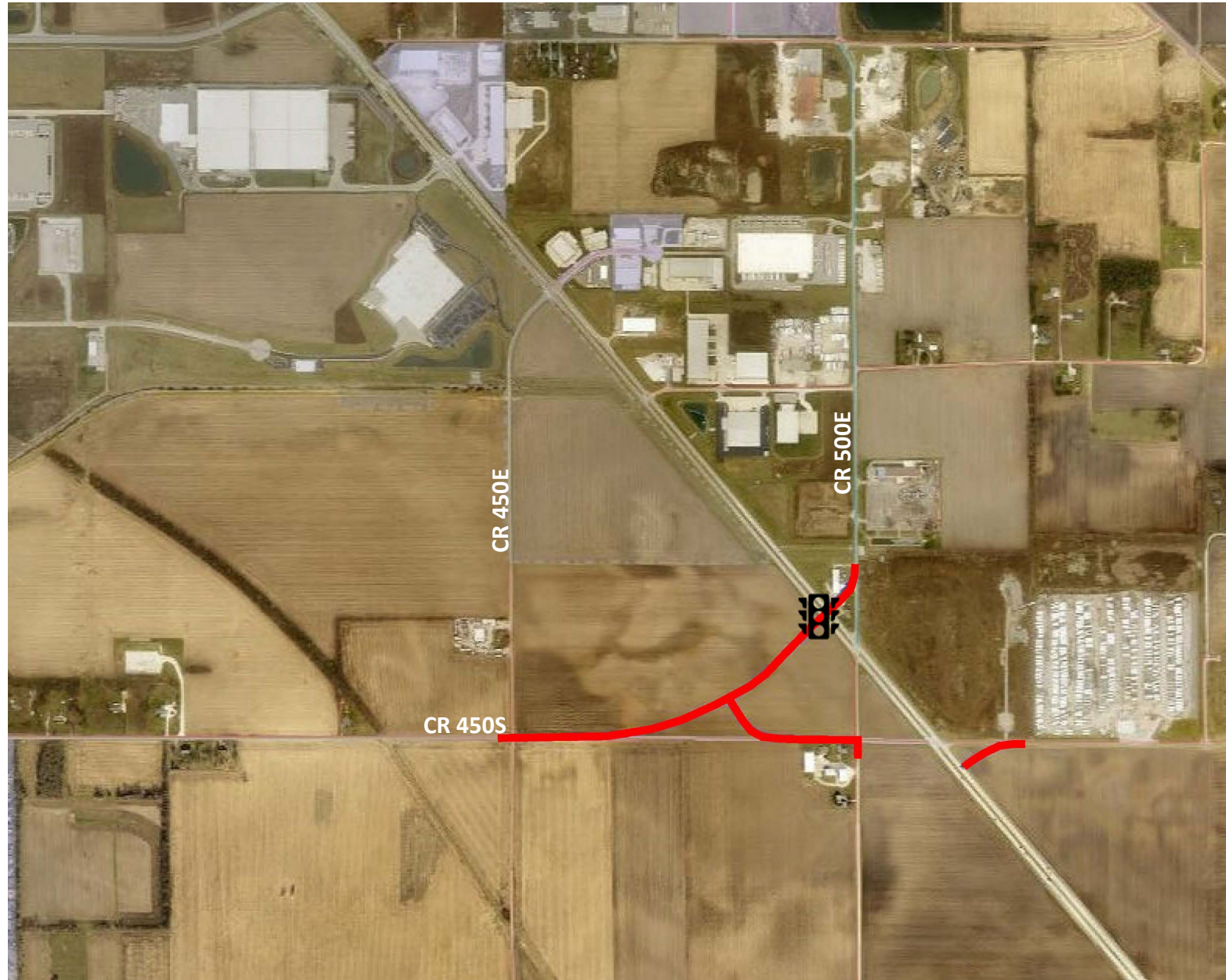
Concord Roundabout (RA) – This project includes the extension of Eppingham Drive to Concord Road to a new RA connecting Stones Crossing SD and the new Concord Crossings South SD to Concord Road. The project will also close the existing Marcasite Blvd./ Concord Intersection, eliminating a severe traffic conflict with the Benjamin Crossing SD. The **\$3,700,000** project is being funded through the TIF and will be open at the end of this season.





CONCORD ROAD ROUNDABOUT

CR 450S /500E – This project reconstructs the 450S 500E, realigning their intersection with US 52 to a perpendicular alignment with a new traffic signal. The project also includes the construction of several detention ponds and a new stormwater system. The **\$8,000,000** project is being financed through the TIF with a \$1,000,000 supplement through the Community Crossings Matching Grant Program (CCMG).





CR 450S/CR500E/US 52

Upcoming Bridge Replacements

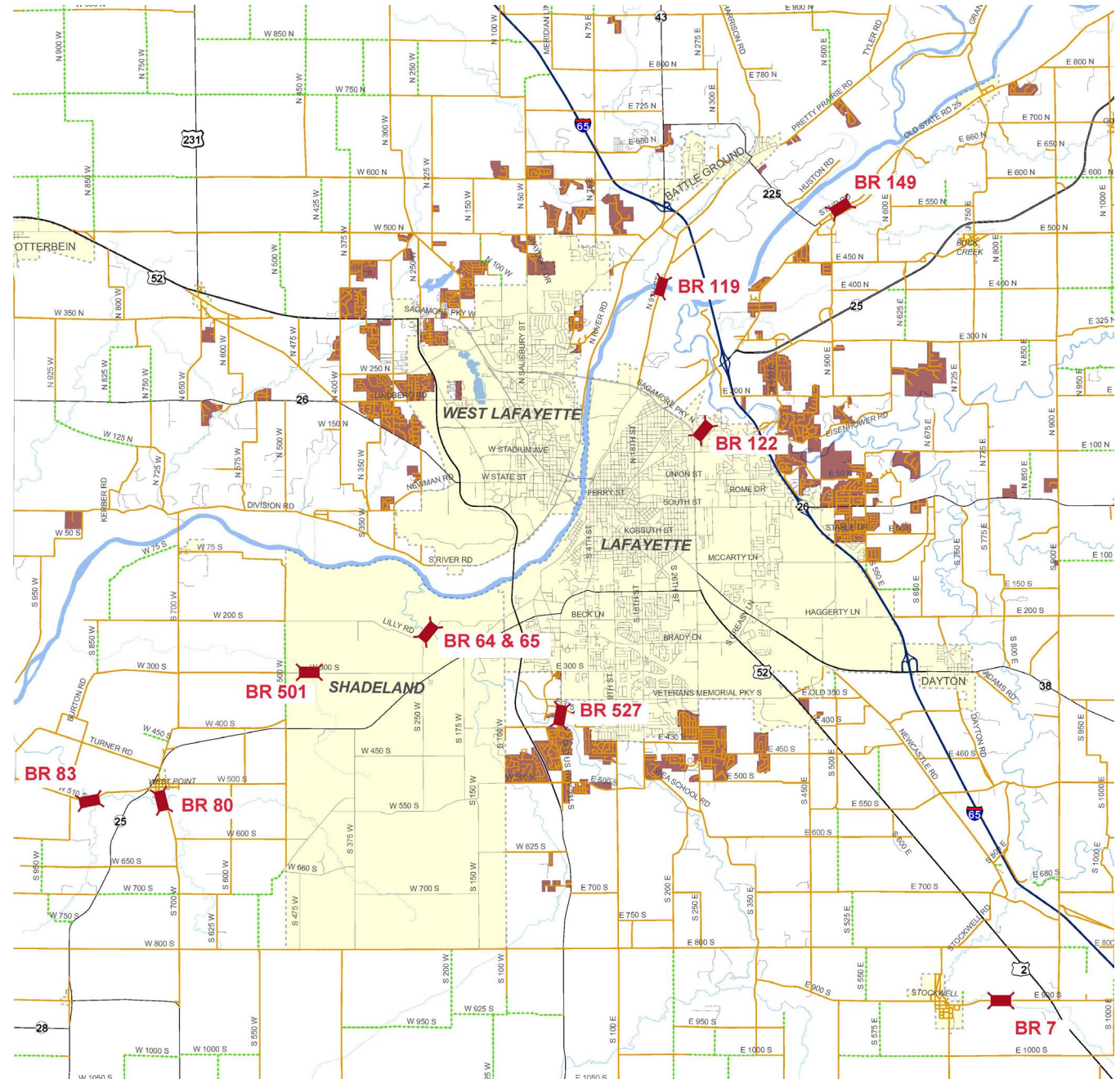
2024 – BR 7, & BR 501

2025 – BR 122, BR 149, BR 159,
& **BR 527** (\$3 million)

2026 – **BR 119** (\$8 million), BR 34,
BR 210, & BR 243

2027 – **BR 64 & 65** (\$10 million),
BR 80 & 83 (\$7 million)

The above list accounts for 50+ million dollars spent on 14 Bridge Reconstructions over 4 Years



Upcoming Road Projects

Morehouse Phase 1 – 2024 \$3.8 Million from US 52 through Kalberer with a new RA

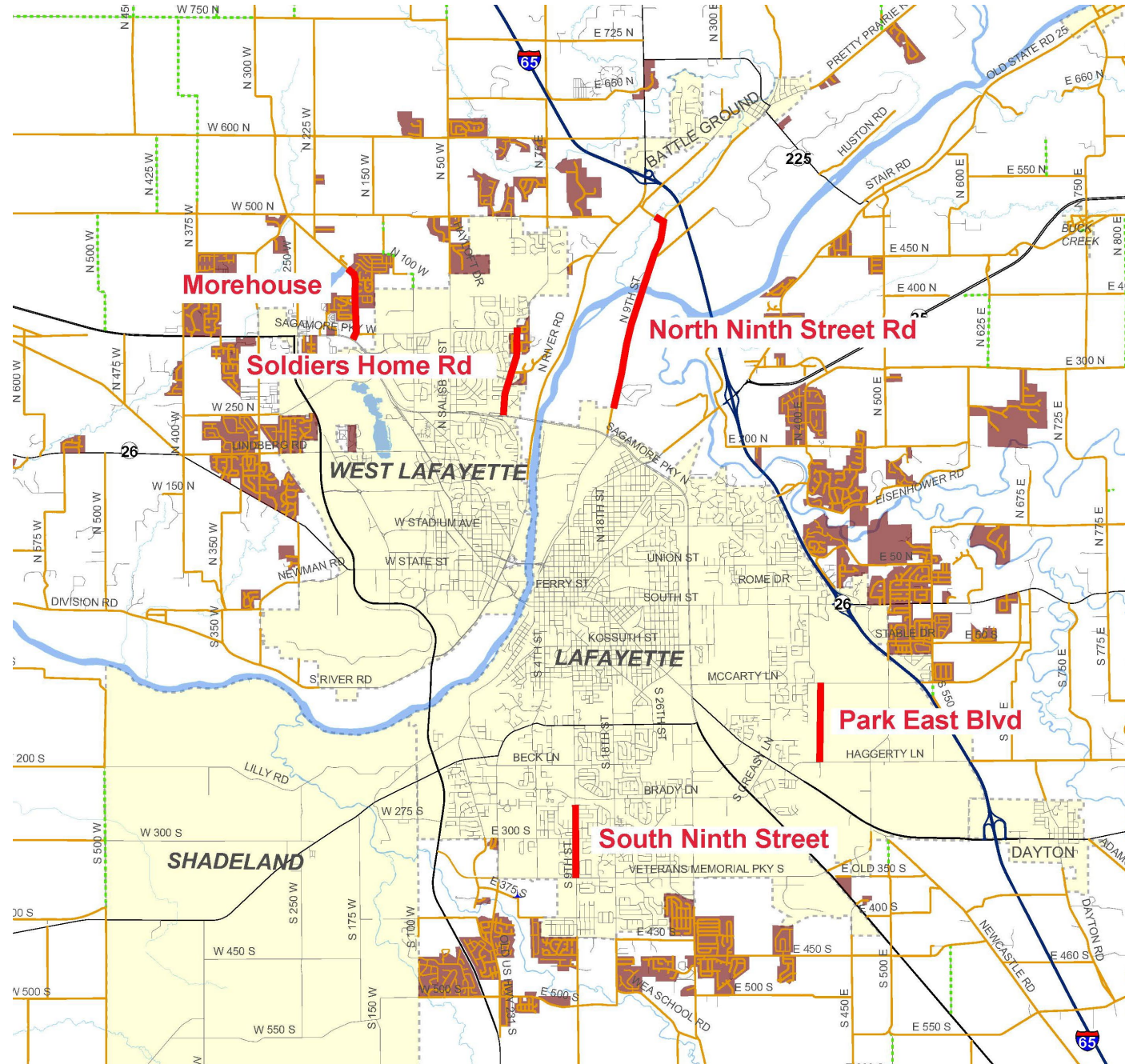
Park East Blvd – 2024-25, \$30-35 Million - Haggerty to McCarty includes water, sewer, trail, storm, road, lighting, & ROW

North Ninth Street Road – 2024/25, \$2 Million - from Lafayette City Limit to Burnett Road

Morehouse Phase 2 – 2025, \$8.6 Million - from the end of Phase 1 to Hadley Lake

South Ninth Street – 2026, \$11 Million - running from Brick N Wood to VMP is project provides for a new road section and multi-use trail. The County will be funding a new bridge over Elliott Ditch.

Soldiers Home Road – Beginning in 2028 running from US 52 to Kalberer Road with a RA at the US 52 WB Ramp.



2023 RAISE GRANT \$25,000,000

- 2.1 miles of side path
- 0.5 mile of boardwalk
- 1.0 mile of trail
- 1.2 miles of corridor upgrades (N 9th St)
- 1 Bike/Ped Bridge over Wabash River
- 1 Bike/Ped Bridge over ravine to TC Amphitheater

2032 COMPLETION

