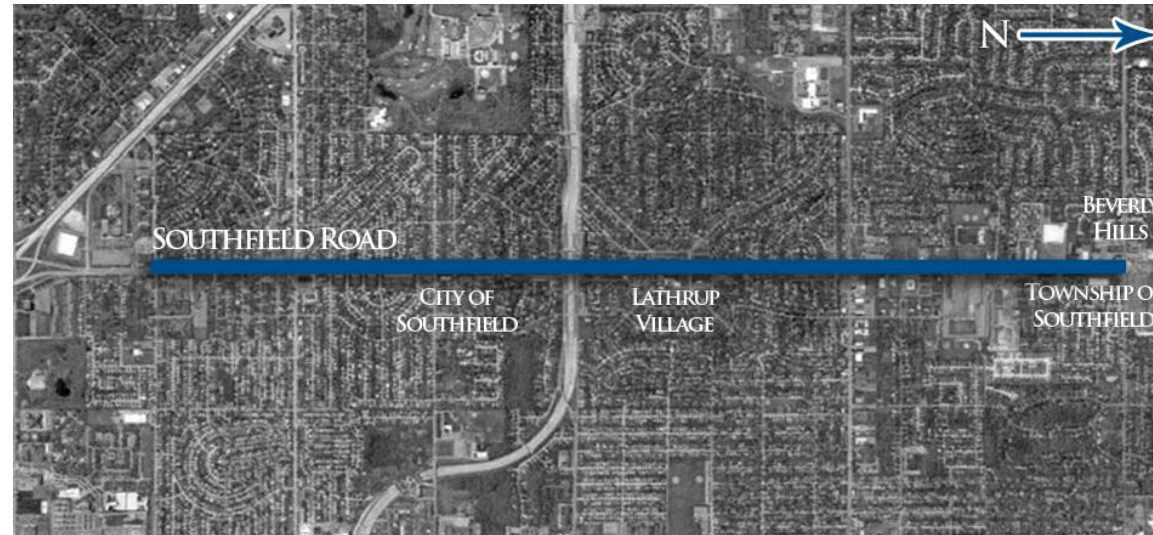


# Southfield Road Improvement Project

## Mt. Vernon to 13 Mile Road



---

Gary Piotrowicz, P.E., PTOE Deputy Managing Director/County Highway Engineer

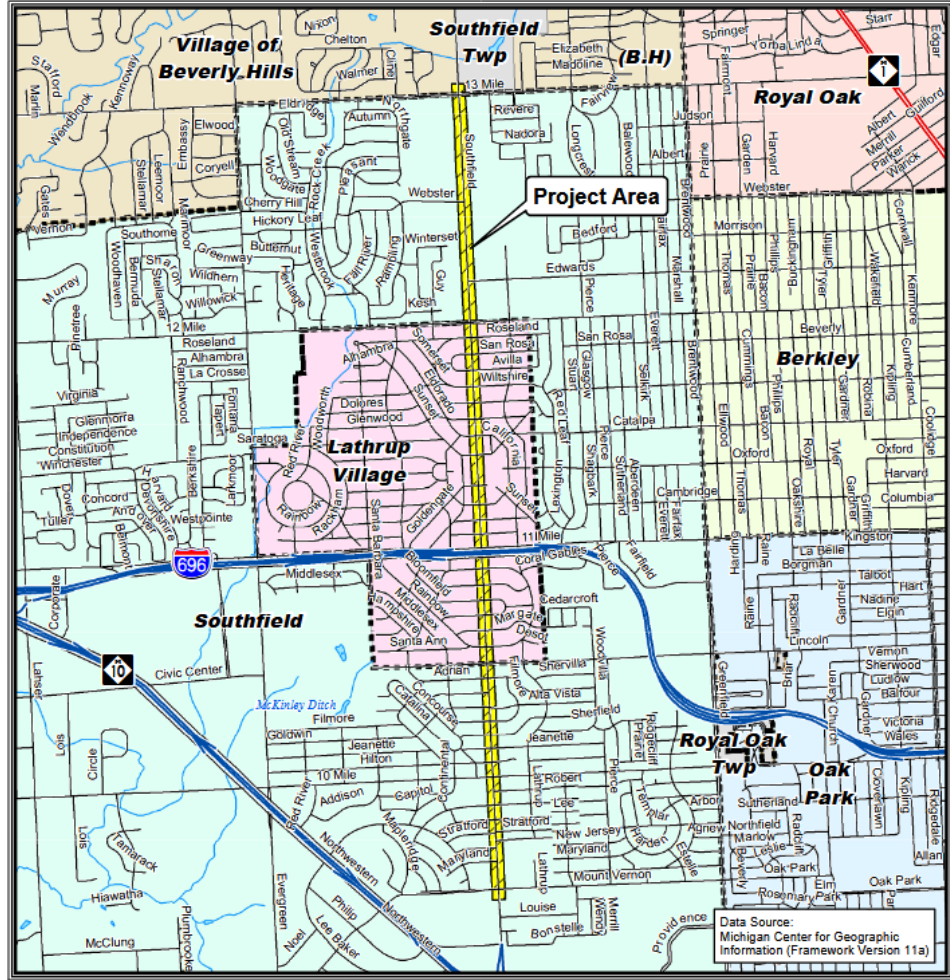
Sam Fitzer, P.E., PMP Director of Engineering

Mike Smith, MPA, Manager, Project Development

Quality Life Through Good Roads – *We Care*



# Southfield Road Improvement Project Environmental Assessment (EA)



## Jurisdictions Involved in Project:



## History

- Under discussion/planning since 2002
- First Draft EA was in June 2012
- Current EA Draft is from February 2025 as submitted to FHWA

## Status

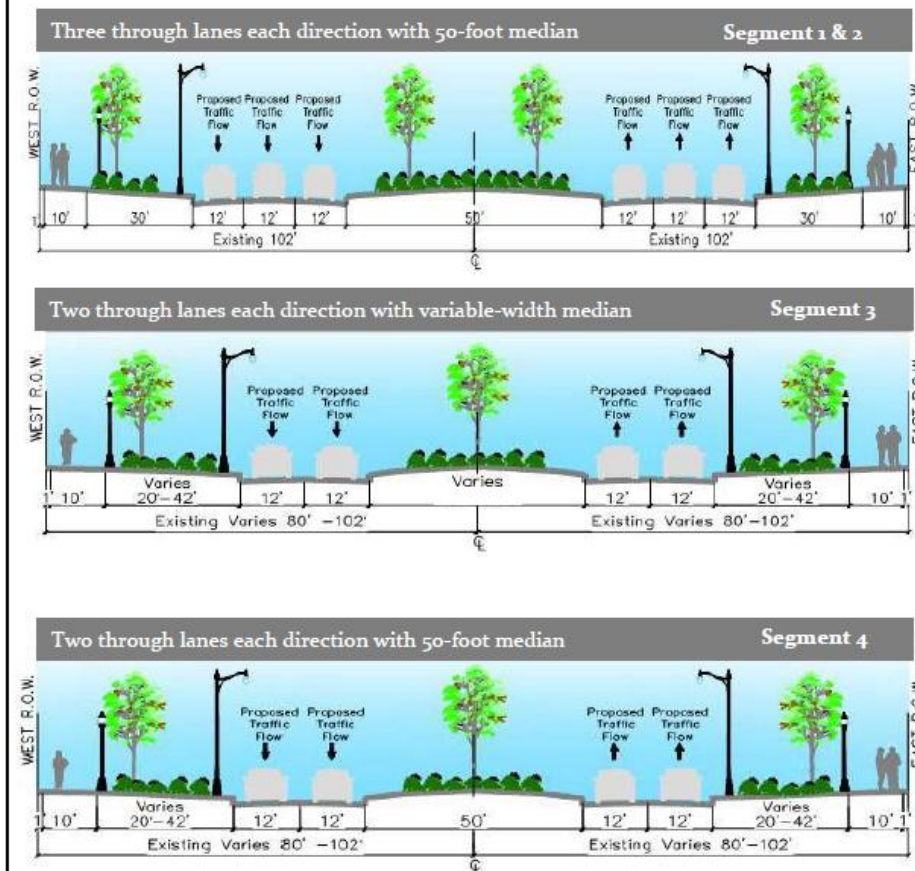
- Will transform the 5-lane road into a 6-lane and 4-lane boulevard, as noted, with anticipated construction phase to be in FY2030/2031
- Will break down into four individual segments
  - **Segment 1** – Just South of Mt. Vernon Street to Meadowood Avenue (S. of I-696)
  - **Segment 2** – 11 Mile/I-696 Interchange (Meadowood Avenue to Cambridge Boulevard)
  - **Segment 3** – Cambridge Boulevard to just south of Edwards Avenue (N. of 12 Mile)
  - **Segment 4** – Just south of Edwards Avenue to just north of 13 Mile Road

# Southfield Road Improvement Project

## Purpose of Project

- Improve current traffic congestion and future traffic operations (year 2040).
  - The project area has existing traffic congestion and safety problems, which are expected to worsen in the future.
- Accommodate all modes of transportation (Bicyclists, Pedestrians, Automobiles, and Transit).
- Provide a Context Sensitive Solution / Consistency with local community plans.
- Improve *Connectivity* and *Safety* along the corridor, reduce crashes at intersections, and within road segments.
- Improve the *aesthetics* of the corridor to help development.
- Provides an opportunity for each community to investigate and improve its infrastructure during the design phase and while the project is under construction.

Figure 3 – Typical Cross Sections



# Southfield Road – Segment 1 Map

*Beginning of Project South of Mt. Vernon Street to Jeannette Street*

*Six-Lane Boulevard with 50 ft Median*

Figure 2a - Preferred Alternative

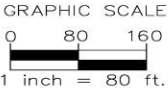


MATCHLINE SEE LEFT BELOW

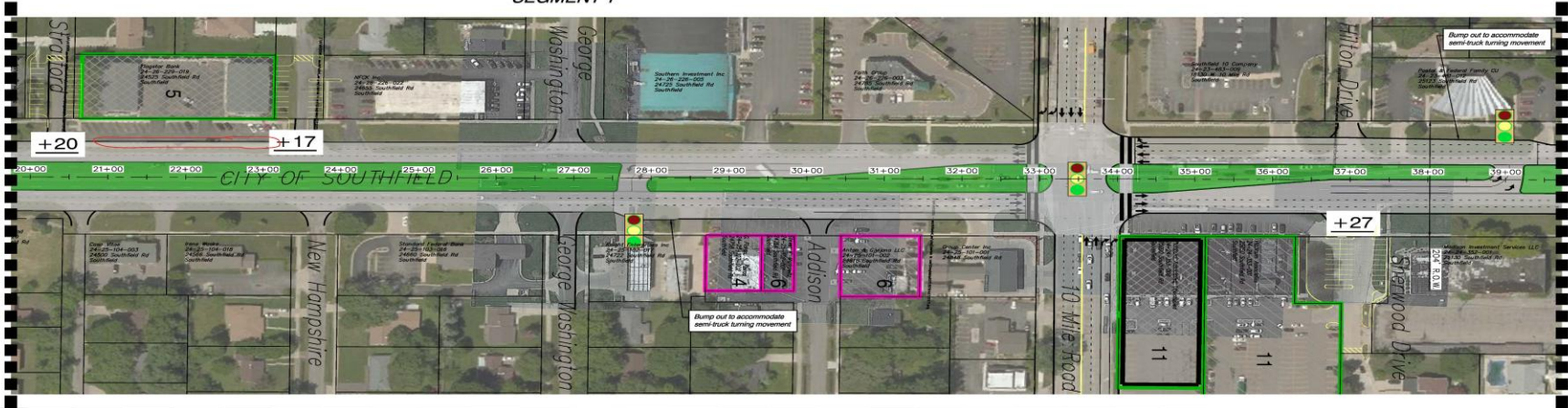
MEDIAN CROSSOVERS WILL BE ADDED AT REGULAR INTERVALS FOR THIS ALTERNATIVE IF IT IS ADVANCED TO LATER STAGES OF DESIGN

- PARKING SUFFICIENT PER PLANNING GUIDELINES
- PARKING MITIGATED (# = SPACES DEFICIENT PER MUNICIPALITY PLANNING GUIDELINES)
- PARKING MITIGATION TO BE DETERMINED (# = SPACES DEFICIENT)
- NUMBER OF SPOTS GAINED
- PARTIAL TAKE
- TOTAL TAKE
- PROPOSED SIDEWALK
- PROPOSED PAVEMENT
- PROPOSED MEDIAN
- PROPOSED CURB AND GUTTER
- PROPOSED PARKING

( IN FEET )



MATCHLINE SEE RIGHT ABOVE



MATCHLINE SEE TOP LEFT FIGURE 2b

*Southfield Road Environmental Assessment*



# Southfield Road – Segment 1 and 2 Map

## Jeannette Street to Coral Gables Street

Six-Lane Boulevard with 50 ft Median

Figure 2b - Preferred Alternative

MATCHLINE SEE BOTTOM  
RIGHT FIGURE 2a

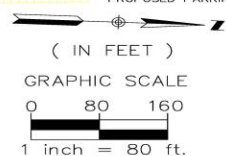


SEGMENT 1

MATCHLINE SEE LEFT BELOW

MEDIAN CROSSOVERS WILL BE ADDED AT REGULAR INTERVALS FOR THIS ALTERNATIVE IF IT IS ADVANCED TO LATER STAGES OF DESIGN

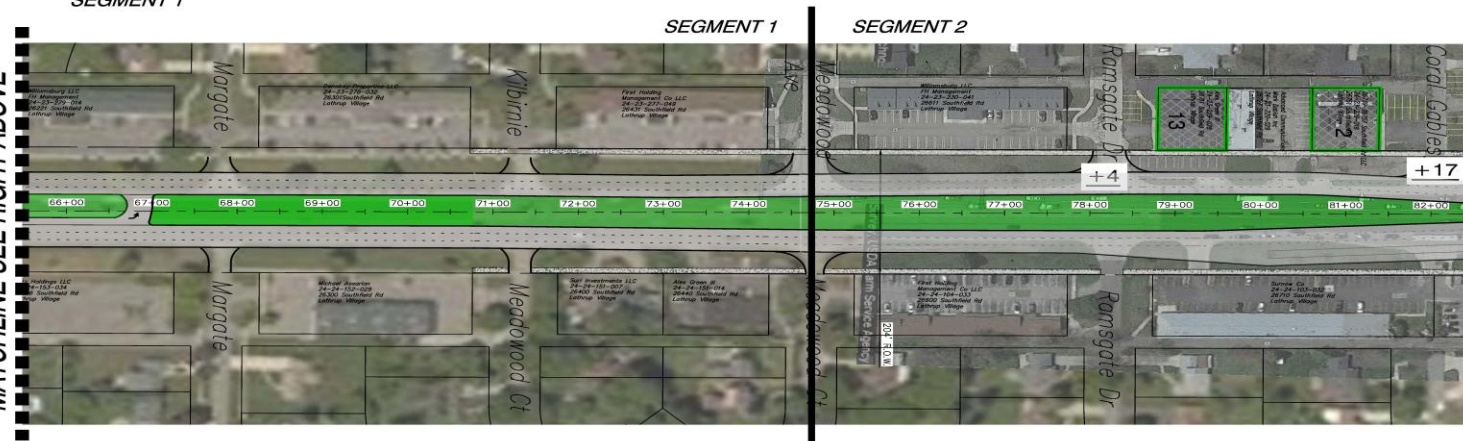
- PARKING SUFFICIENT PER PLANNING GUIDELINES
- PARKING MITIGATED (# = SPACES DEFICIENT PER MUNICIPALITY PLANNING GUIDELINES)
- PARKING MITIGATION TO BE DETERMINED (# = SPACES DEFICIENT)
- +24** NUMBER OF SPOTS GAINED
- PARTIAL TAKE
- TOTAL TAKE
- PROPOSED SIDEWALK
- PROPOSED PAVEMENT
- PROPOSED MEDIAN
- PROPOSED CURB AND GUTTER
- PROPOSED PARKING



SEGMENT 1

SEGMENT 2

MATCHLINE SEE RIGHT ABOVE



MATCHLINE SEE TOP LEFT FIGURE 2c

## Southfield Road Environmental Assessment



# Southfield Road Improvement Project

## Funding Options

- The size and scope of this project are beyond the typical funding streams available to local agencies.
- A high-level estimate for a boulevard widening project, including PE, ROW, CON, and Construction Engineering (CE), is approximately \$50 million/mile. With an **estimated total cost of \$200 million**.
- RCOC applied for numerous Federal earmarks without success.
- RCOC has investigated numerous funding loan options, and we were not eligible for them.
- The best option to move forward with the EA is to request funding through the Oakland County Federal Aid Committee (FAC).

## Best Approach

- Start with **Segment 1** and **Segment 2**: Southfield Road, south of Mt. Vernon Street to Cambridge Boulevard, in Southfield and Lathrup Village
  - Focuses on segments with the biggest issues
  - Provides continuity from where the freeway currently ends
  - Has a logical ending point

# Southfield Road Improvement Project

## Total Estimated Cost

- Roughly \$100 million with an 80/20 funding split of \$80 million in federal funding and \$20 million in local match. Local match would be split 50/50 between RCOC and the local agency based on frontage

*Local Share (\$20 Million) = RCOC \$10 million / Southfield \$6.25 million / Lathrup Village \$3.75 million*

## PE Phase Estimated Cost – Segment 1 and Segment 2

- Get FAC approval to reallocate FY 2027 federal funds for RCOC 3R project on Southfield, Mt. Vernon to 11 Mile, to PE Phase

Funding Breakdown Estimates:

Total \$6,015,254 = Federal \$4,812,203 and Local \$1,203,051

Local Share = RCOC \$601,525 | Southfield \$378,961 | **Lathrup Village \$222,564**

- ROW and CON Phases – Break Segment 1 and Segment 2 into separate projects to reduce funding risk

# Southfield Road Improvement Project

## PE Phase Estimated Cost – Segment 1 and Segment 2 (cont.)

- **Segment 2:** Southfield Road, Meadowood Avenue to Cambridge Boulevard

Federal Transportation Economic Development (TEDF) - Category C Funding should be available starting in FY 2029 for ROW and FY 2030 for CON to simplify maintenance of traffic during construction

- **Segment 1:** Southfield Road, south of Mt. Vernon Street to Meadowood Avenue

Available years for TEDF - Cat C funding to be determined

- Moved **Segment 3** and **Segment 4:** Southfield Road, Cambridge Boulevard to 13 Mile Road

Breakdown of phases, funding, and funding years to be determined

# Southfield Road Improvement Project

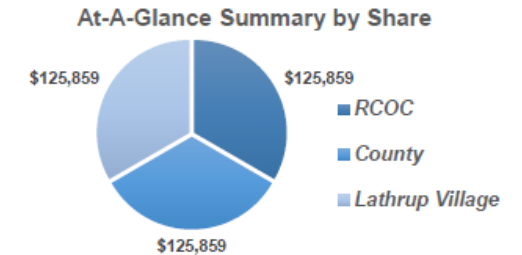
## Tri-Party Funding

- Lathrup Village can allocate its Tri-Party reserved funds to cover the PE Phase (*as noted in red*)
- The City can borrow for three years in advance, to go towards future costs, and to help decrease the out-of-pocket costs to the City

### ROAD COMMISSION FOR OAKLAND COUNTY TRI-PARTY PROGRAM CITY OF LATHRUP VILLAGE

COUNTY COMMISSIONER:  
Yolanda S. Charles - District 17

At-A-Glance Summary	
Budgets through fiscal year 2025	\$ 1,252,775
Project totals through fiscal year 2025	\$ 875,197
<b>Total Budget All Shares</b>	<b>\$ 377,578</b>



PROJECT DESCRIPTION	DATE	PROJECT NUMBER	AMOUNT OF AGREEMENT ALL SHARES	ADDITIONAL FUNDING ALL SHARES	BUDGET ALL SHARES	REFUND ALL SHARES	PROJECT TOTAL ALL SHARES	REMAINING BUDGET ALL SHARES
1980 - 2010 Budget Amount		Budget			\$ 772,755		\$ -	\$ 772,755
Street signs		35261	\$ 8,556				\$ 8,556	\$ 764,199
Lincoln e of Southfield		36121	\$ 28,522				\$ 28,522	\$ 735,677
Southfield (Calif-Sunset)		38391	\$ 46,145				\$ 46,145	\$ 689,532
Sthfld (Linc-12) signs/x-walk/curb		41081	\$ 106,541				\$ 106,541	\$ 582,991
Southfield, Lincoln to 12 Mile-street lighting	08/27/98	45241	\$ 84,799				\$ 84,799	\$ 498,192
Southfield (9 1/2 - 12 Mile) PE	01/10/02	46871	\$ 89,100				\$ 89,100	\$ 409,092
Southfield (11 - 12 Mile) CONST	No Agmt	46871	\$ -				\$ -	\$ 409,092
2011 Budget Amount	01/01/11	Budget			\$ 23,317		\$ -	\$ 432,409
2012 Budget Amount	01/01/12	Budget			\$ 22,220		\$ -	\$ 454,629
2013 Budget Amount	01/01/13	Budget			\$ 19,774		\$ -	\$ 474,403
2014 Budget Amount	01/01/14	Budget			\$ 18,548		\$ -	\$ 492,951
2015 Budget Amount	01/01/15	Budget			\$ 18,257		\$ -	\$ 511,208
2016 Budget Amount	01/01/16	Budget			\$ 36,900		\$ -	\$ 548,108
2017 Budget Amount	01/01/17	Budget			\$ 38,028		\$ -	\$ 586,136
2018 Budget Amount	01/01/18	Budget			\$ 36,572		\$ -	\$ 622,708
2019 Budget Amount	01/01/19	Budget			\$ 38,670		\$ -	\$ 661,378
Southfield Road at 11 Mile Road	04/25/19	54821	\$ 45,000	\$ 27,813			\$ 72,813	\$ 588,565
2020 Budget Amount	01/01/20	Budget			\$ 36,450		\$ -	\$ 625,015
2021 Budget Amount	01/01/21	Budget			\$ 36,683		\$ -	\$ 661,698
2022 Budget Amount	01/01/22	Budget			\$ 35,584		\$ -	\$ 697,282
2023 Budget Amount	01/01/23	Budget			\$ 37,354		\$ -	\$ 734,636
2024 Budget Amount	01/01/24	Budget			\$ 41,649		\$ -	\$ 776,285
Southfield Road	02/26/24	56921	\$ 438,721				\$ 438,721	\$ 337,564
2025 Budget Amount	01/01/25	Budget			\$ 40,014		\$ -	\$ 377,578
<b>TOTALS</b>			<b>\$ 847,384</b>	<b>\$ 27,813</b>	<b>\$ 1,252,775</b>	<b>\$ -</b>	<b>\$ 875,197</b>	<b>\$ 377,578</b>

**Currently, Lathrup Village has \$377,578 in reserve Tri-Party Funds to allocate**  
**Lathrup Village receives approximately \$40,000 per year**

# Southfield Road Improvement Project

## Next Steps

- **Segment 1 and Segment 2:** Southfield Road, south of Mt. Vernon Street to Cambridge Boulevard.
  - **A resolution by the City Council confirming Preliminary Engineering (PE) Phase project commitment and acknowledging responsibility for the required local share by January 6, 2026.**
  - Add PE Phase request to the FAC agenda for approval at the upcoming meeting on January 20, 2026.
  - Long-term commitments for construction can be made once the PE phase is underway, and impacts and costs are better understood.
  - This proactive approach, many years in advance, will give each community time to investigate and plan for other infrastructure improvements/needs and funding approaches that they can utilize.

## Notes

- Estimated costs and local share, not actual costs. These are to provide a starting point for planning purposes.
- RCOC continues to seek funding opportunities, including grants, earmarks, etc.
- Local communities can also reach out to their respective elected officials to get the project on their radar for earmarks and any available grant opportunities, etc.

# Thank You Lathrup Village Any Questions?



**Gary Piotrowicz, P.E.,** PTOE Deputy Managing  
Director/County Highway Engineer

**Sam Fitzer, P.E.,** PMP Director of Engineering

**Mike Smith, MPA,** Project Development Manager

[www.rcoc.web](http://www.rcoc.web)

