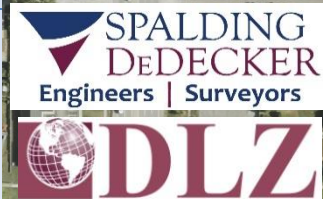


# Southfield Road Environmental Assessment

January 27, 2015

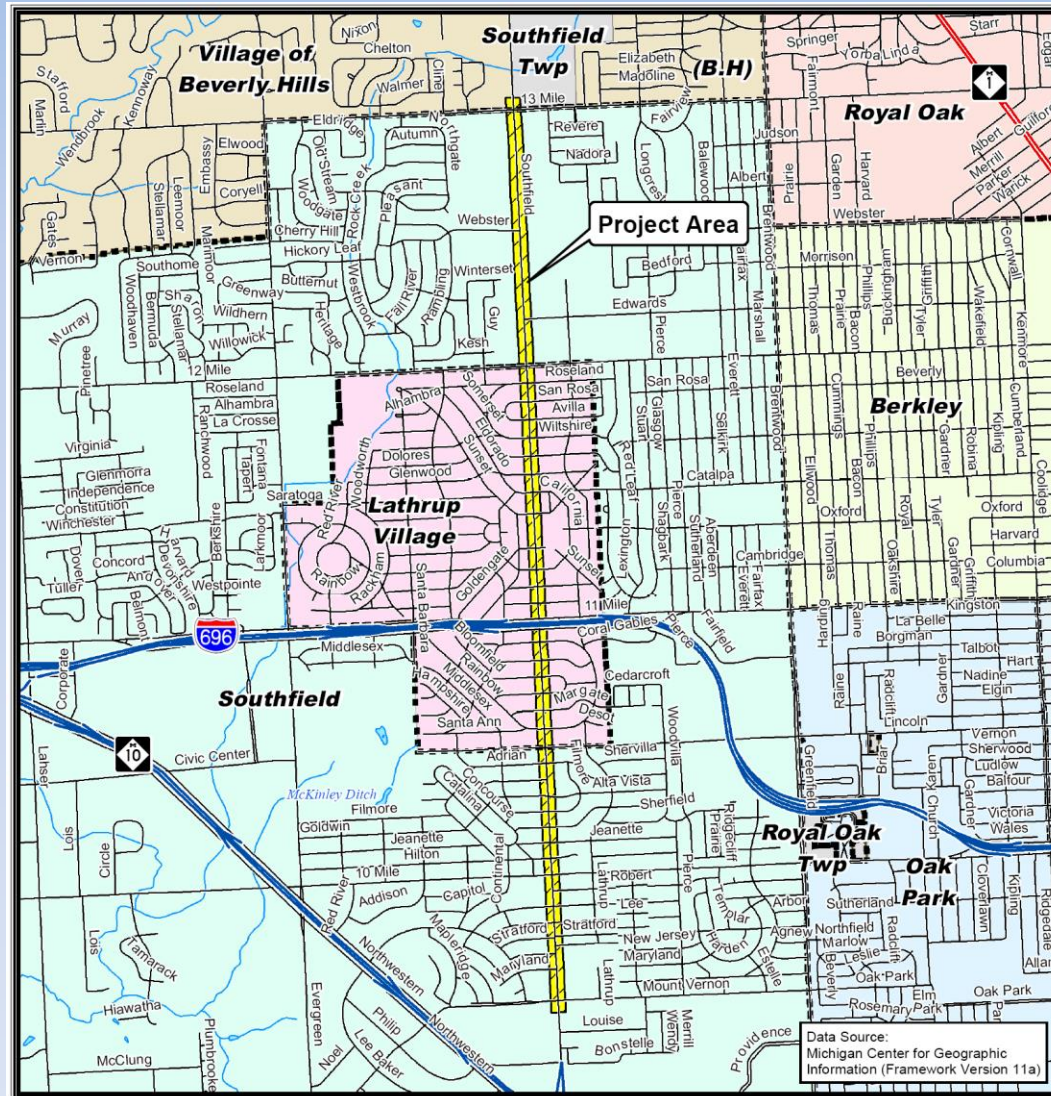
Presentation for the City of Lathrup Village  
Planning Commission

Southfield Road Environmental Assessment





# Scope of Study



## Southfield Road Environmental Assessment





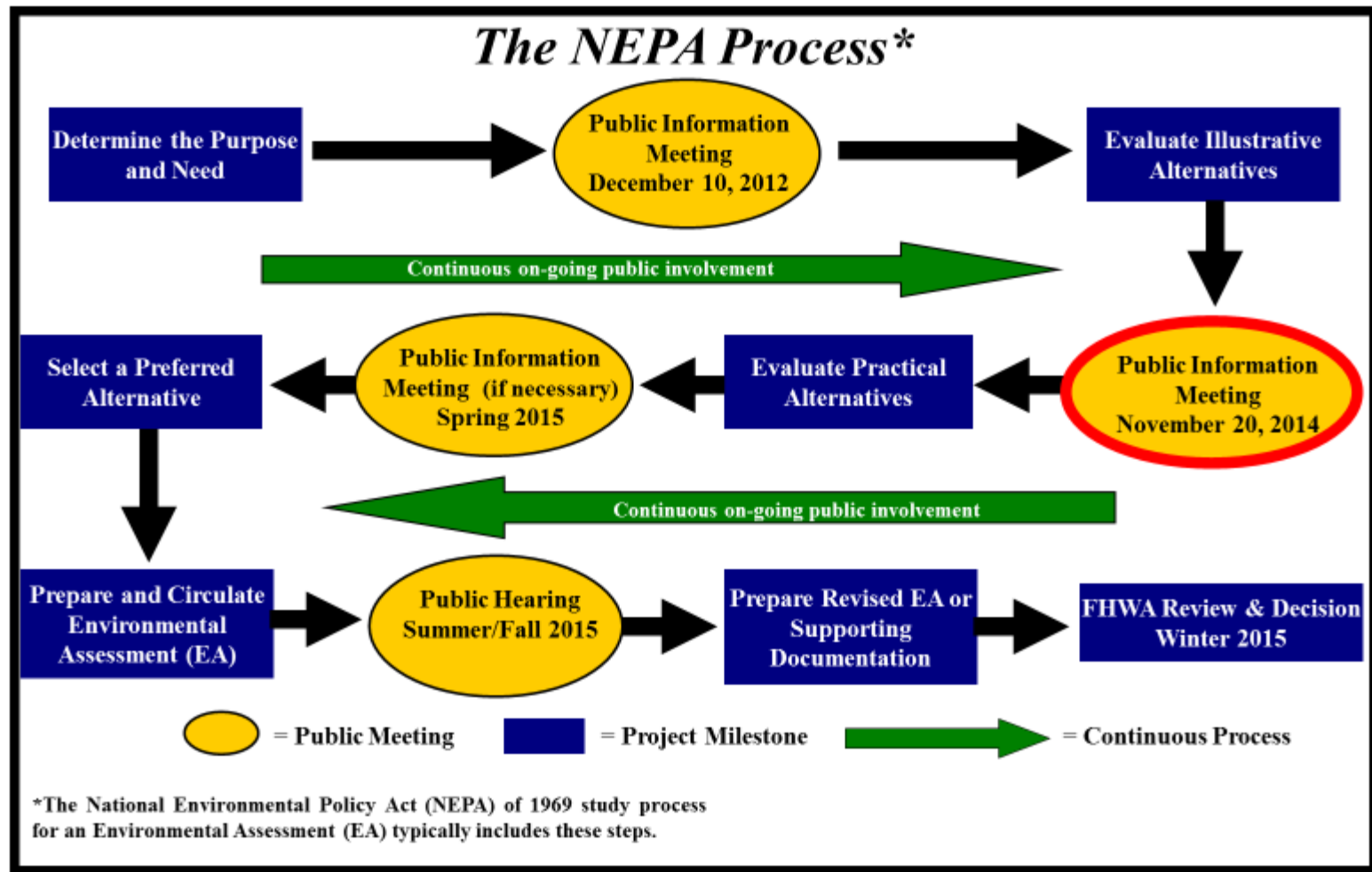
# Scope of Study

- Identify existing/future problems
  - Traffic congestion
  - Safety
  - Non-motorized facilities
  - Consistency with local plans
- Develop options to address problems
- Select option that best meets project goals
- Minimize impacts to surrounding property owners
- Conduct Environmental Assessment and comply with all requirements of Federal Aid process (NEPA process)

## Southfield Road Environmental Assessment



# Scope of Study



## Southfield Road Environmental Assessment



# Scope of Study

## Purpose and Need for Study-

- Improve current traffic congestion and future (2035) traffic operations
- Accommodate all users / Complete Street
  - Bicyclists, Pedestrian, Automobiles, Transit
- Provide a Context Sensitive Solution / Consistent with local community plans
- Improve safety along the corridor, reduce crashes at intersections and within road segments

## Southfield Road Environmental Assessment



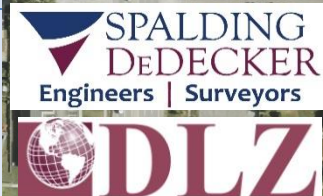


# Development of Alternatives

- 6 Alternative roadway configurations initially evaluated
- A 7th configuration added after Public Input received in 2012
- Study Team and Steering Committee\* discussed and evaluated features of each Alternative

\* Who's on Steering Committee???.....

Southfield Road Environmental Assessment



# Development of Alternatives

- Steering Committee is comprised of representatives from each affected community and stakeholder agencies:
  - City of Lathrup Village
  - Village of Beverly Hills
  - City of Southfield
  - Southfield Township
  - Road Commission for Oakland County
  - Michigan Dept. of Transportation
  - Federal Highway Administration

(24 members total)

Southfield Road Environmental Assessment



# Development of Alternatives

- **Transportation Factors**
  - Traffic Operations Improvements
  - Safety Improvements
- **Environmental Factors**
  - Impact to Historic Resources
  - Noise Level Impact
- **Community Factors**
  - Access to Businesses
  - Consistent with Community Plans
  - Parking & ROW Impacts
  - Pedestrian mobility



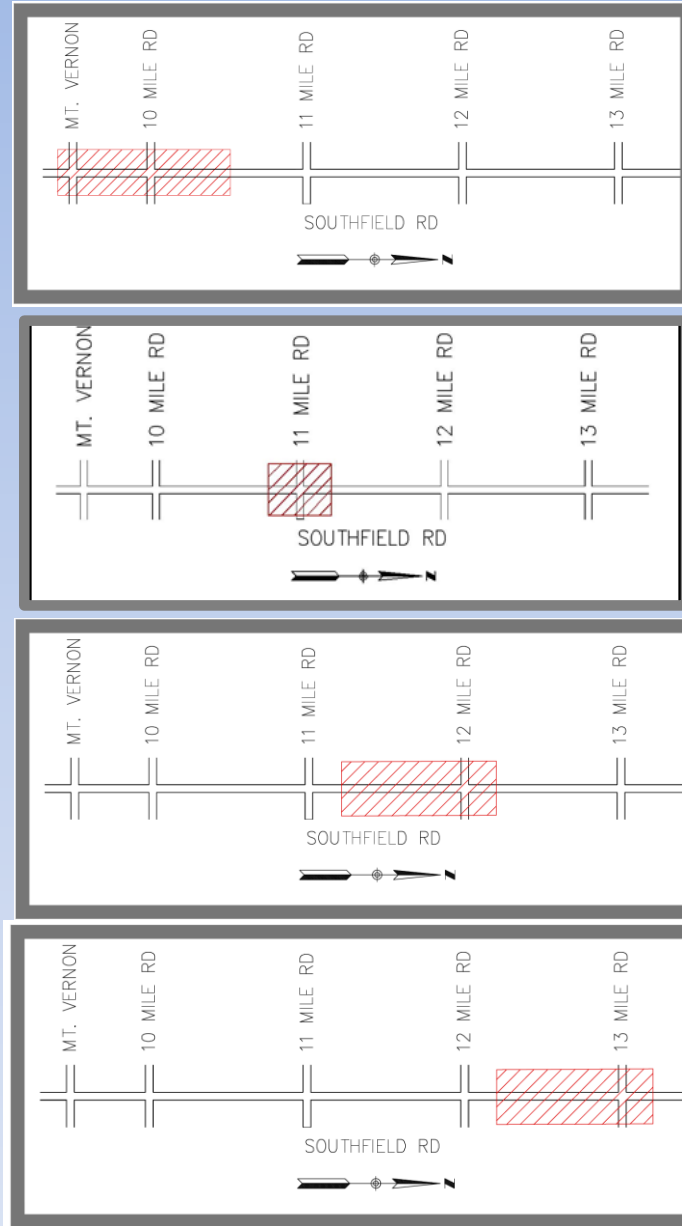
## Southfield Road Environmental Assessment





# Development of Alternatives

The Study recognizes that the corridor has four distinctly different areas, or segments, that have different operational characteristics....



Southfield Road Environmental Assessment



# Development of Alternatives

## EVALUATION CRITERIA

Recommended to carry forward=

ILLUSTRATIVE ALTERNATIVES w/in SEGMENT 3	Transportation Factors		Environmental Factors		Community Factors				
	Traffic Operations Improvements*	Safety Improvements	Noise Level Impact	Impact to Historic Resources	Access to Businesses	Net Change in Available Parking	Consistent w/ Community Plans	ROW Impacts	Non-Motorized Mobility Improvement
No-Build	+	+	+++++	+++++	+++	0	+	+++++	+
Alt. 1 - 4-lane Boulevard, 60 ft. median	+++++	++++	+++	++	++	-219	+	+	+++
Alt. 2 - Boulevard, 40 ft. median, roundabouts	+++	+++	+++	+++	+++	-227	++	+(24)	++++
Alt. 3 - 5-lane section	++	+	+++++	++++	++++	-219	++	++	++
Alt. 3A - 5 lane section with intermittent 12 ft. narrow median	++	++	++++	++++	+++	-219	++++	++(23)	++++
Alt. 4 - Boulevard, 20 ft. median	+++++	++++	+++	++	+++++	-62	+++	++(17)	+++++
Alt. 5 - 5- & 7-Lane section, roundabouts	++++	+++	+++++	+++++	++	-240	+	+++	+
Alt. 6 - 5- & 7-Lane section, roundabouts and angle parking	++++	+++	+++++	++++	++++	+56	+	+++	++

\* LOS for future conditions for each Alternative

+ : Worse, Greatest Impacts, Lowest Improvements  
 ++ : Low, High Impacts, Low Improvements  
 +++ : Moderate, Moderate Impacts, Moderate Improvements  
 ++++ : Good, Minor Impacts, Good Improvements  
 +++++ : Best, Least Impacts, Greatest Improvements

## Southfield Road Environmental Assessment



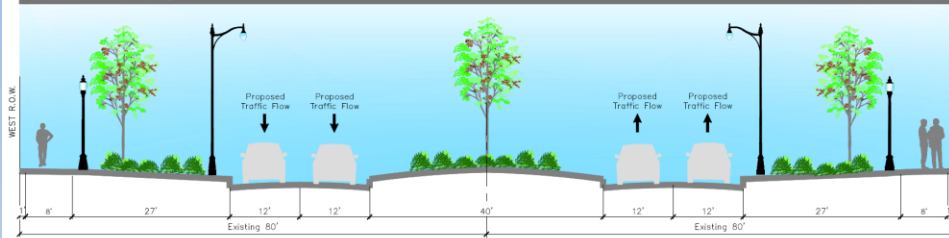


# Development of Alternatives

## Alternative Roadway Cross Sections in Segment 3

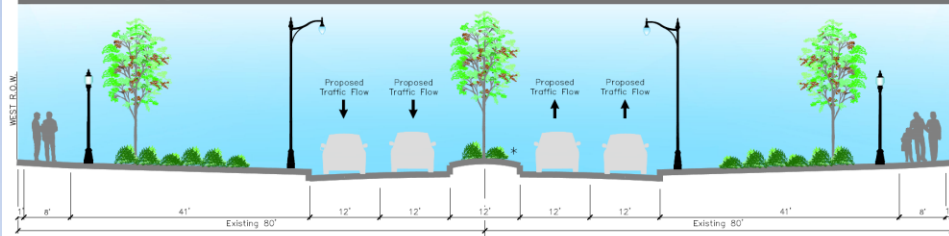
### ALTERNATIVE 2

Two through lanes each direction with 40 ft. median



### ALTERNATIVE 3A

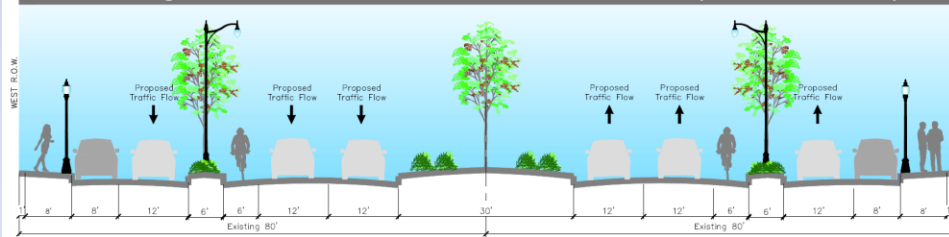
Two through lanes each direction with intermittent 12 ft. median



\*CENTER TURN LANE ONLY AT SIGNALIZED INTERSECTIONS

### ALTERNATIVE 4

Two through lanes and one bike lane each direction with separated on-street parking and 30 ft. median

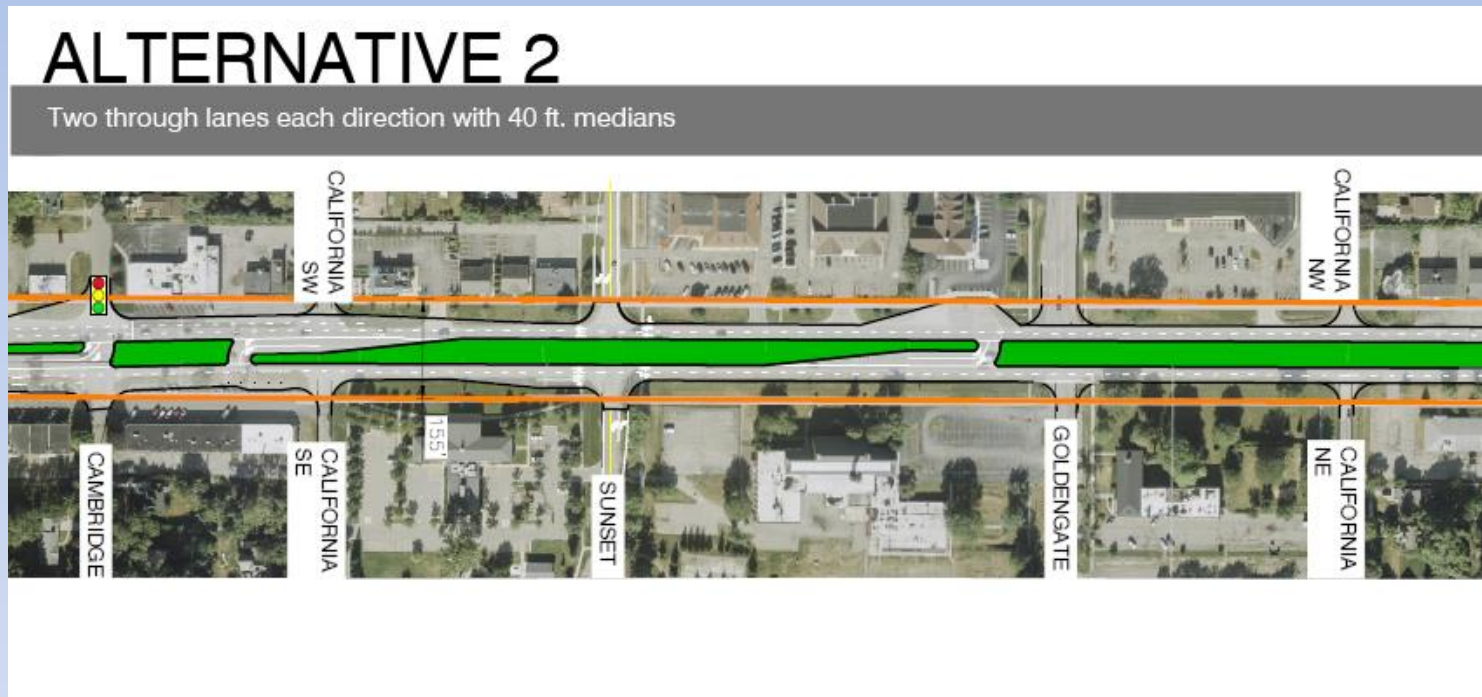


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# Development of Alternatives

- Example of one Alternative layout exhibit shows:
  - Aerial imagery of roadway and adjacent property
  - Plan view of proposed roadway footprint
  - Delineation of existing Right of Way boundary



- Full exhibits of each Alternative can be found at [www.southfieldroadcorridor.com](http://www.southfieldroadcorridor.com)

Southfield Road Environmental Assessment





# Next Steps

- Continue to gather public comments and input  
**WE WANT YOUR INPUT!**  
-Written Comments can be submitted by mail to RCOC or online:  
**[www.southfieldroadcorridor.com](http://www.southfieldroadcorridor.com)**
- Study Team continues to refine the Practical Alternatives based on input
- Study Team and Steering Committee will continue the evaluation of the Alternatives to determine a Preferred Alternative
- Draft Environmental Assessment will be prepared to present the Preferred Alternative for final steps in the NEPA process

## Southfield Road Environmental Assessment



# YOUR COMMENTS AND QUESTIONS ARE WELCOME!

Southfield Road Environmental Assessment

