



CALUMET AVENUE & RIDGE ROAD STREETScape

TOWN OF MUNSTER

COMMITTEE MEETING #3 | FEBRUARY 18, 2021 | VIDEO-CONFERENCE



**Sam
Schwartz**

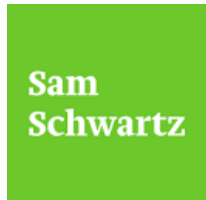
INTRODUCTIONS + PROJECT TEAM



Teska Associates | Community Planning + Landscape Architecture

Jodi Mariano, PLA, Principal Landscape Architect

Heather Faivre, PLA, Associate Landscape Architect



Sam Schwartz Consulting | Transportation + Traffic Planning

Stacey Meekins, AICP, Principal + Director of Transportation

PROJECT GOAL

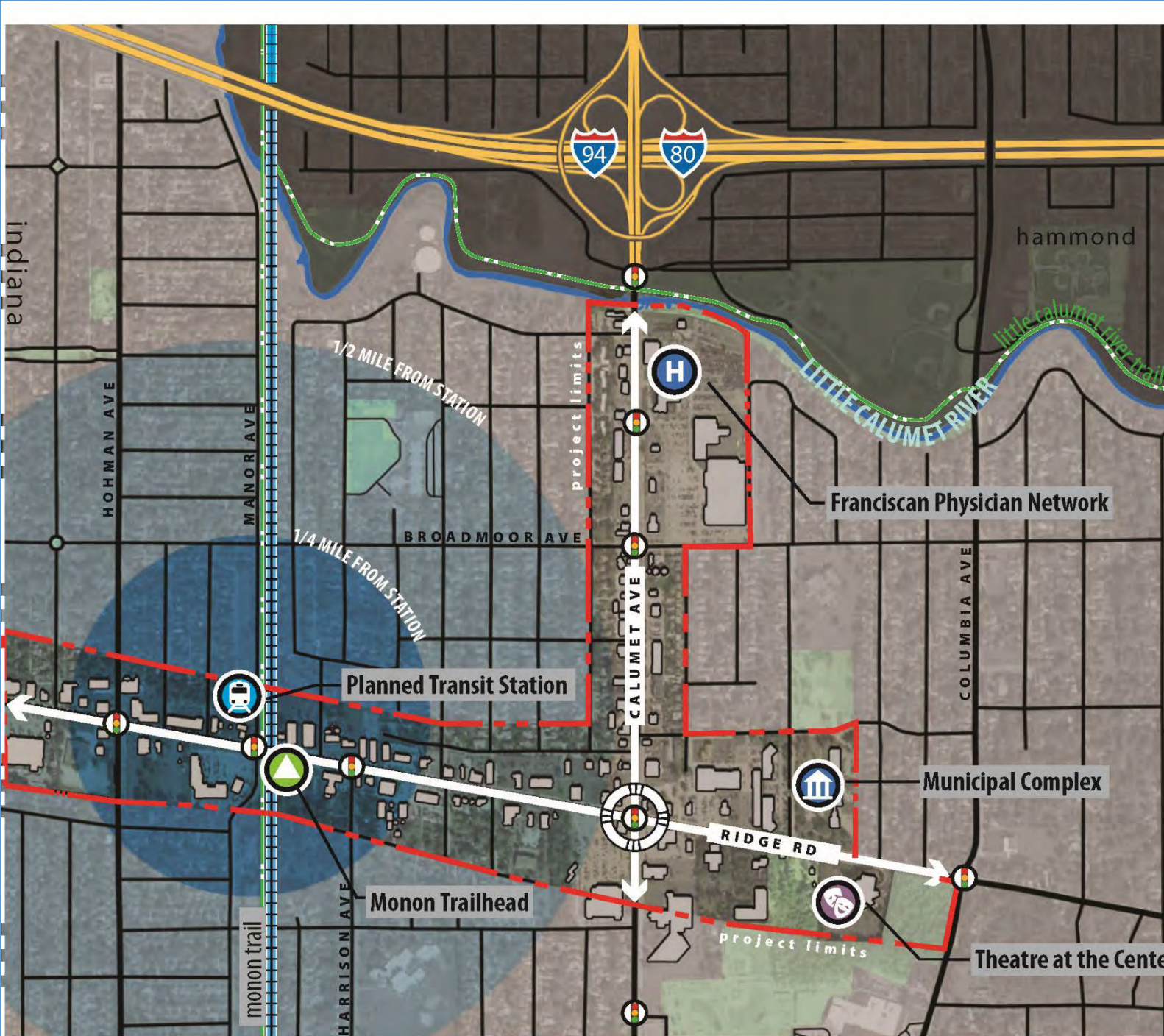
The goal of this project is to develop **a more welcoming environment for walking, biking, to reinforce a sense of place in our community, and to enhance the ability to absorb stormwater and reduce flooding.**

KEY THEMES

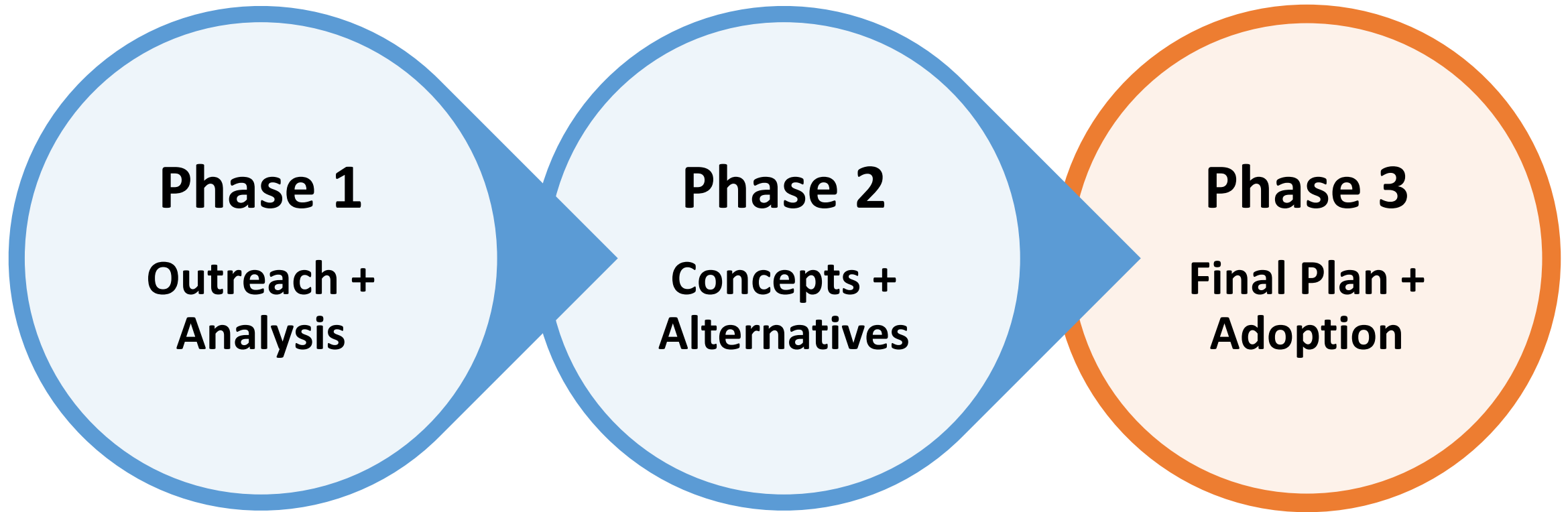
- A **safe and comfortable** pedestrian environment
- A functional streetscape providing **stormwater benefits**
- A consistent and **beautiful public realm**
- A **sense of arrival** and identity
- A multimodal system that balances **access and mobility**

FUNDING FOR THE STREETSCAPE PLAN

National Oceanic and Atmospheric Administration + the Indiana Department of Natural Resources Lake Michigan Coastal Program. **“The Coastal Grant”**



STUDY AREA



MAY – JULY 2020

**Analysis / project website
Staff meeting**

Committee meeting #1

Neighborhood poll #1

Stakeholder interviews

Farmers market pop up

AUG – DEC 2020

Concept development

Committee meeting #2

Neighborhood poll #2

Agency meetings

Public open house

JAN 2020 – APRIL 2021

Final plan + pilot project

Committee meetings #3-4

Public meeting

Town Council meeting

AGENDA

1. **Introductions, project goals + scope review**
2. **Community outreach:** public meeting recap
3. **Draft Plan presentation**
4. **Implementation costs + strategies for development**
5. **Next Steps:** public meeting



OUTREACH | recap

Steering Committee Mtg #2 (11/18/20):

- Min vs. Max Concepts + Metrics
- Guidance to proceed with the Max Concept

Public Open House Webinar (12/20/2020):

- Approx 30 attendees
- Invites: project + Town websites, Facebook, email lists
- Meeting summary + presentation posted to project website
- Guidance to proceed with the Max Concept

Open House Recap

Thank you to all who joined for our first virtual open house on December 10th! If you missed it, [head to the Documents page](#) to view meeting materials, the Zoom recording, and a summary. And scroll down for a preview of some of the concept plan imagery that was featured.

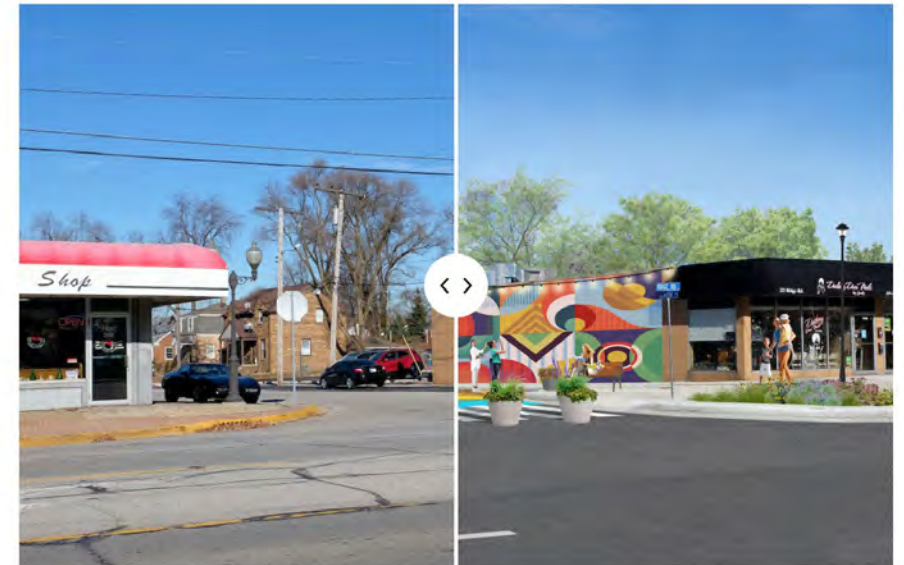
[Concept Plan Imagery Presented at 12/10 Virtual Open House](#)

CONCEPT PLAN PRESENTATION | Min vs Max - intersection



Meadow Lane Parking and Temporary Events Plaza

The Meadow Lane concept supports existing on-street parking and access between Ridge Road businesses and neighborhoods. Enhancements such as roadway and building murals, overhead string lighting, freestanding planter pots and furnishings allow the space to be temporarily used as “people-only place,” supporting local events in coordination with businesses.



DRAFT PLAN PRESENTATION | CALUMET AVENUE



CONCEPT PLAN | Min vs Max Concepts – Calumet Avenue

MAX
CONCEPT
SELECTED

MAXIMUM ROADWAY CHANGE	<ul style="list-style-type: none">Reduce frequency of left turn movements.Reallocate center turn lane for: <i>landscaped medians + traffic calming</i>
MINIMUM ROADWAY CHANGE	<ul style="list-style-type: none">Replace pavers + planter pots with a continuous landscaped parkway (trees + lawn)



OUTREACH | Calumet Avenue key concerns + concepts

KEY CONCERNS

- Speeding, congestion, stop + go movements
- Inhospitable pedestrian environment
- Needs a welcoming entry
- Lacks greening and pervious space

KEY OPPORTUNITIES

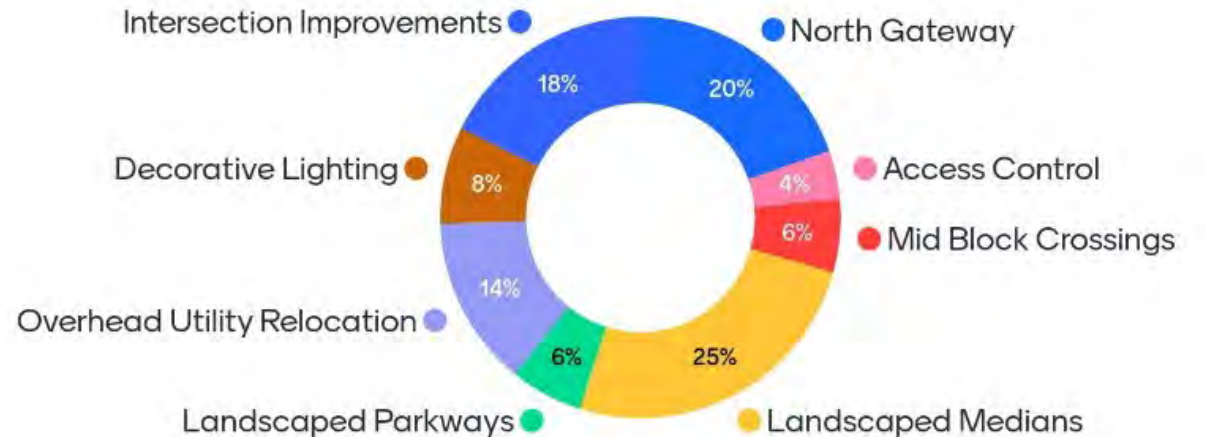
Access control (left turn restrictions)

- When asked whether participants were concerned about limited left turn access concepts, most responded that they were not concerned.

Top improvement preferences:

- 25% landscaped medians
- 20% north gateway
- 18% intersection improvements
- 14% overhead utility relocation

Calumet Avenue Improvements: select your top 3 features.







OUTREACH | "Paint us a picture along Calumet Avenue" key quotes:

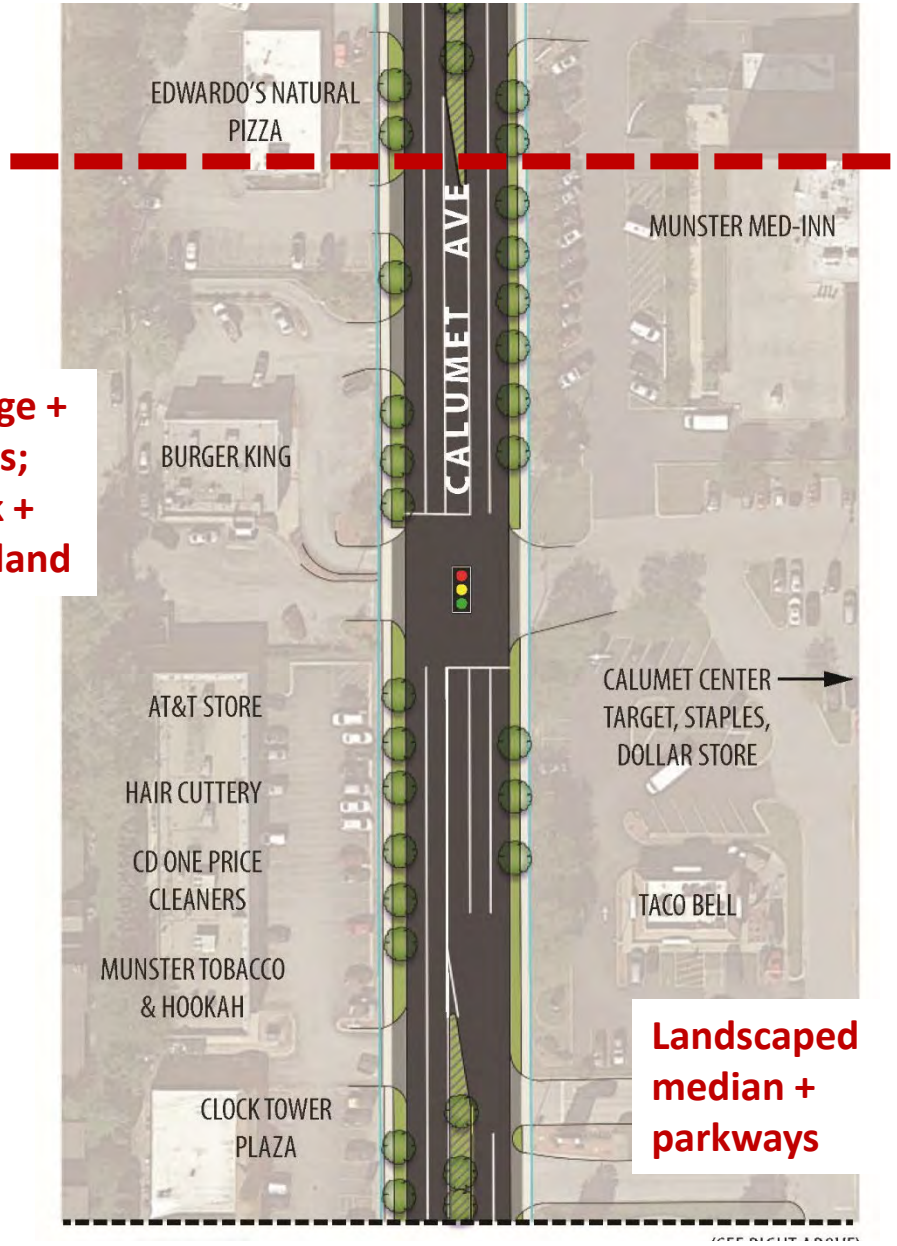
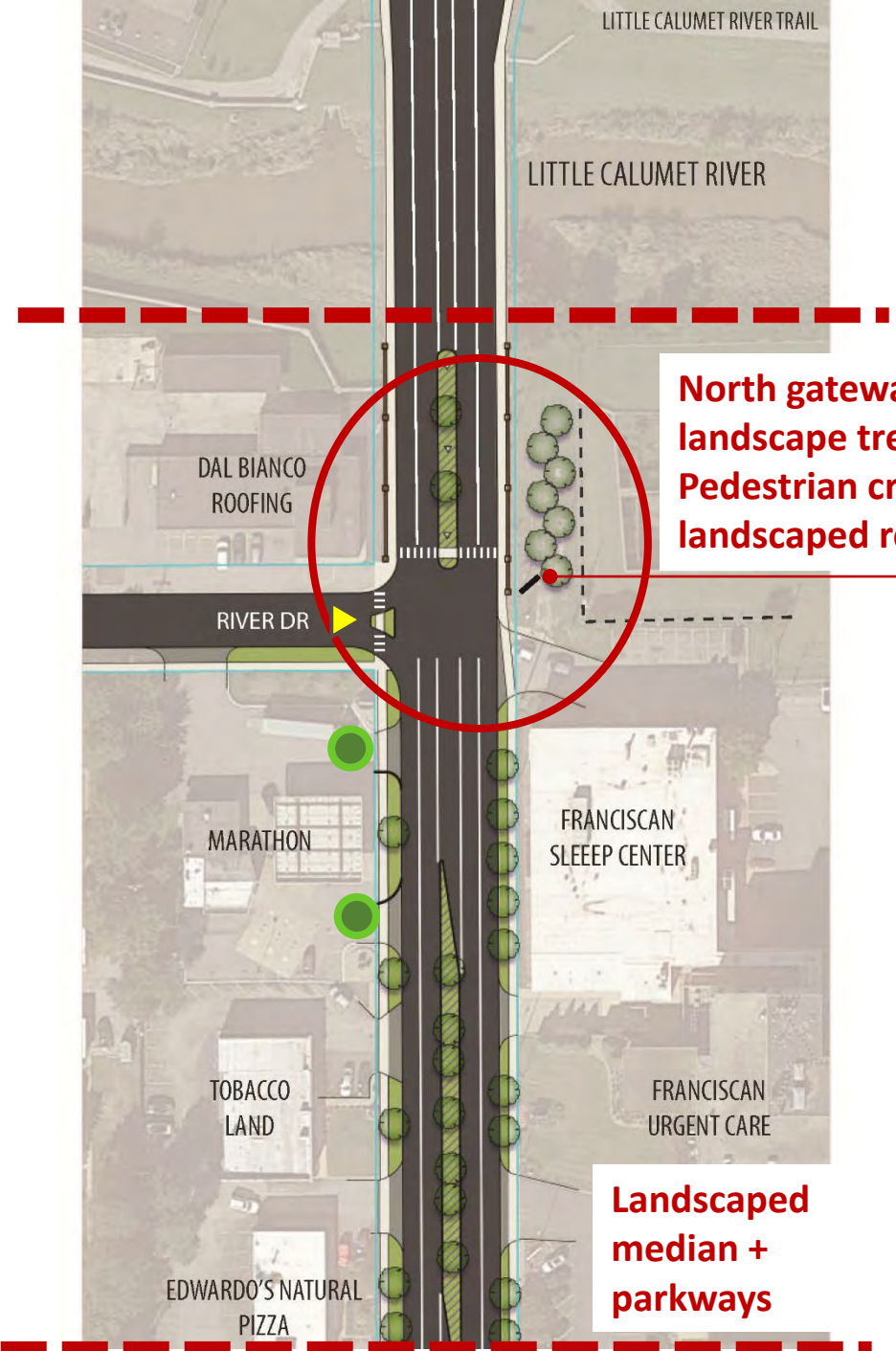
- **"Much better welcoming look to the town of Munster."**
- **"Green space, gateway, sense of 'Munster'"**
- **"Ability to connect with ease to trails, businesses, art center, Town Hall by walking or bike."**
- **"Two couples go to dinner at different restaurants and take the long walk back to the car down the public and well-lit greenways. They bump into neighbors they haven't seen in a while and stop to catch up deciding to walk to a nearby bench to catch up."**



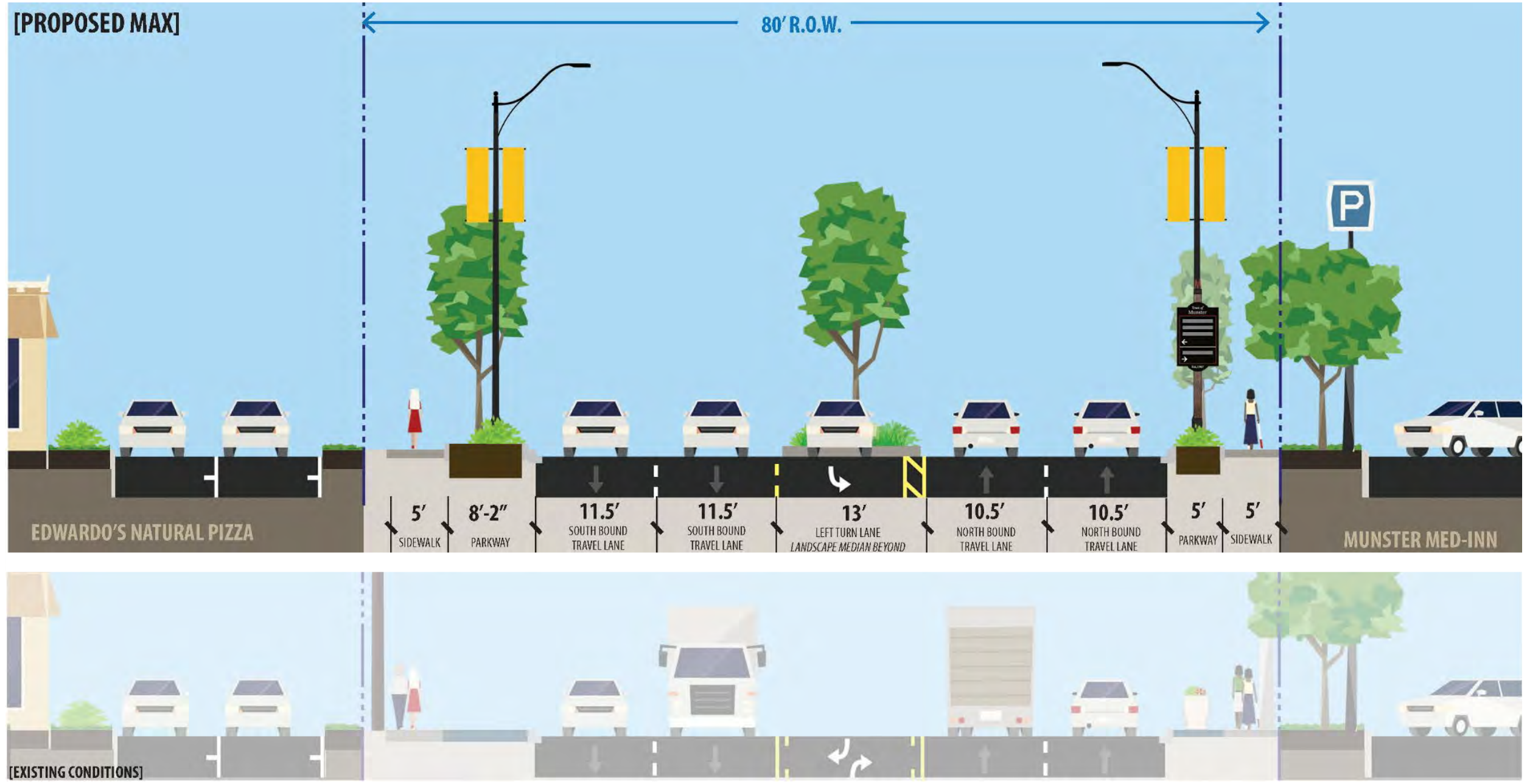


Calumet Avenue | North boundary to Calumet Center (Target)





-  RIGHT IN/RIGHT OUT
-  MODIFIED CURB-CUT
-  CLOSED CURB-CUT
-  NEW CURB CUT

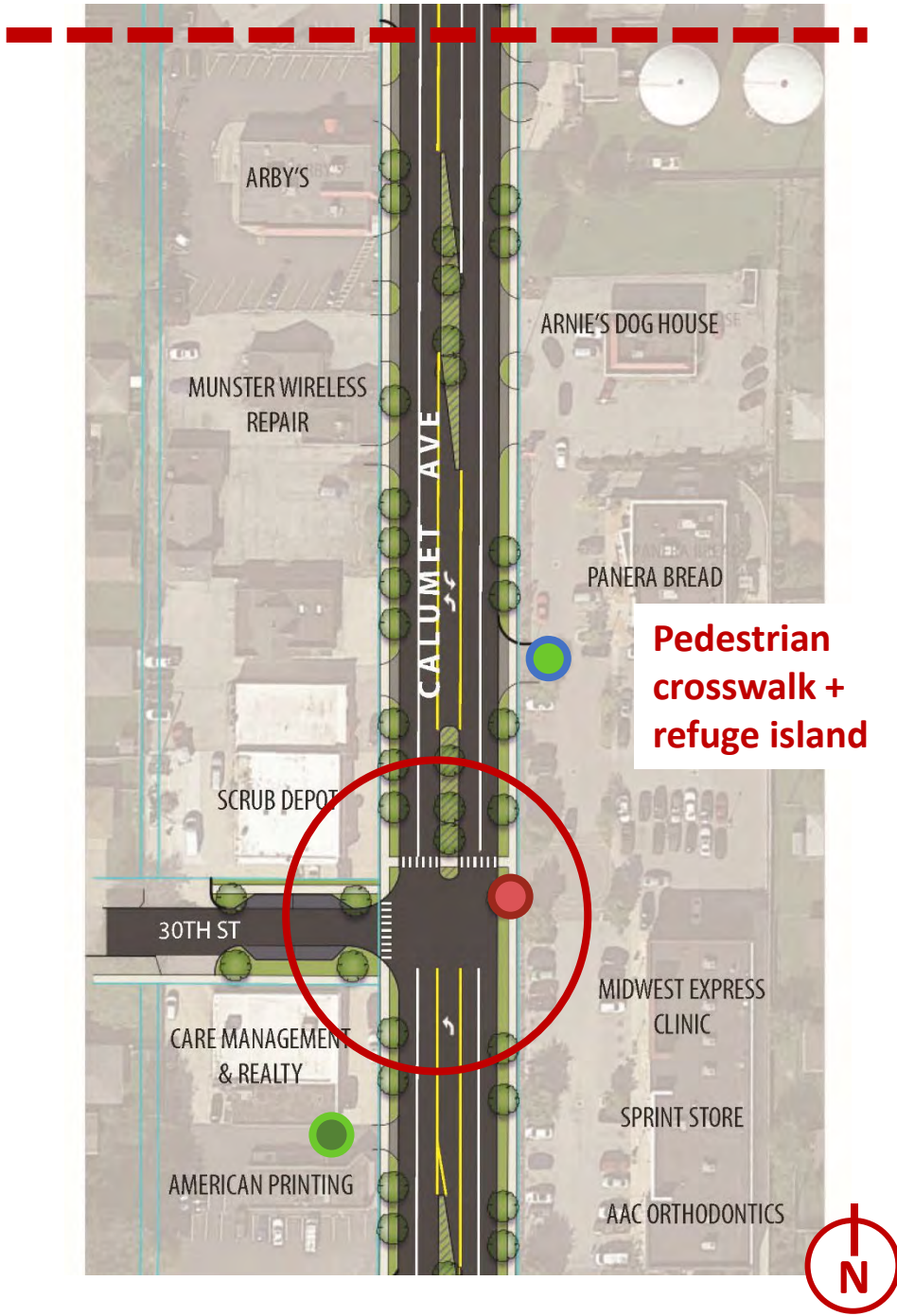
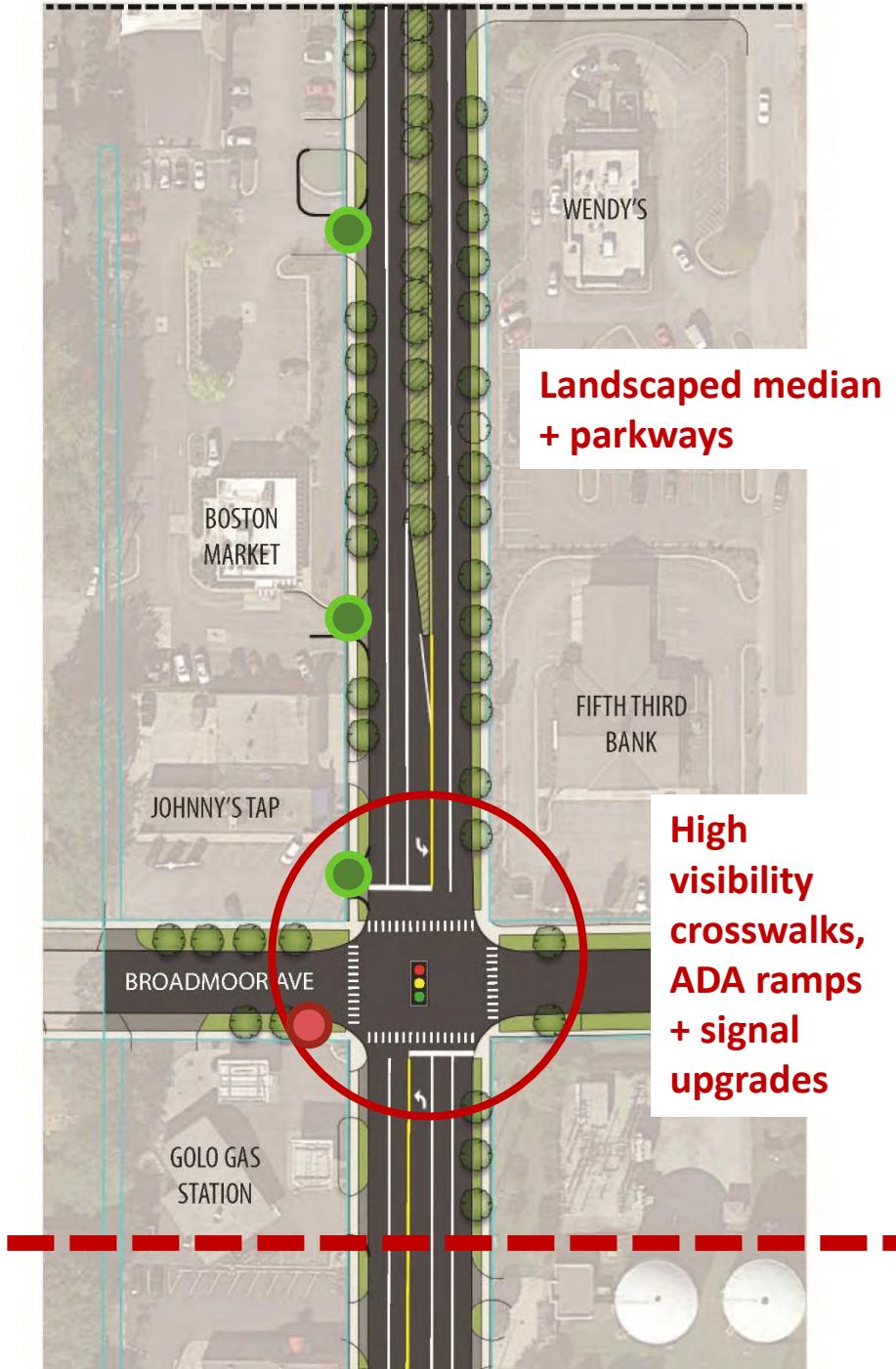


Calumet Ave Section | South of River Drive

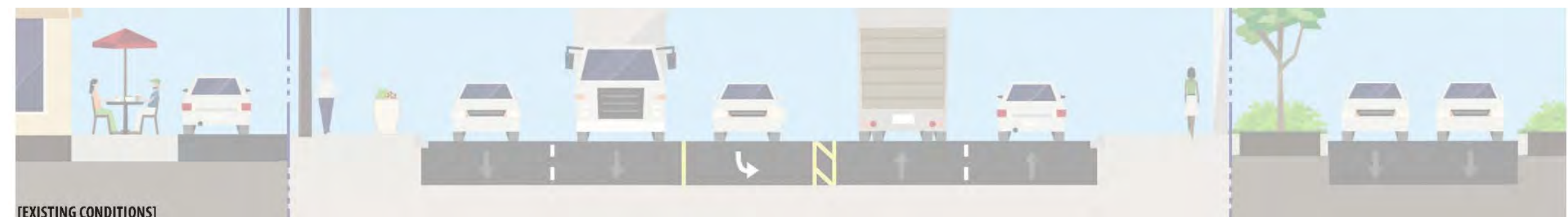
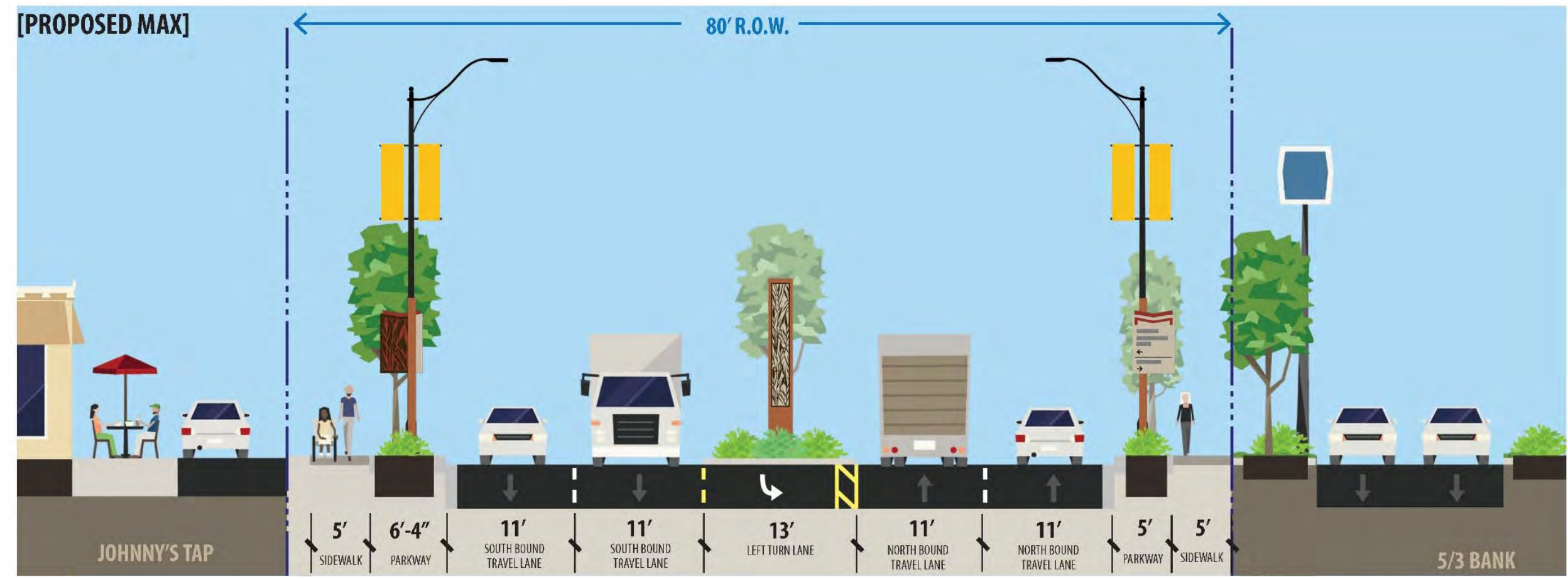


Calumet Avenue | Calumet Center (Target) to 30th Street

-  RIGHT IN/RIGHT OUT
-  MODIFIED CURB-CUT
-  CLOSED CURB-CUT
-  NEW CURB CUT




Calumet Ave Section | North of Broadmoor Ave





Calumet Avenue | south of 30th Street to Briar Lane


Pedestrian crosswalk + landscaped refuge island


High visibility crosswalks, ADA ramps + signal upgrades

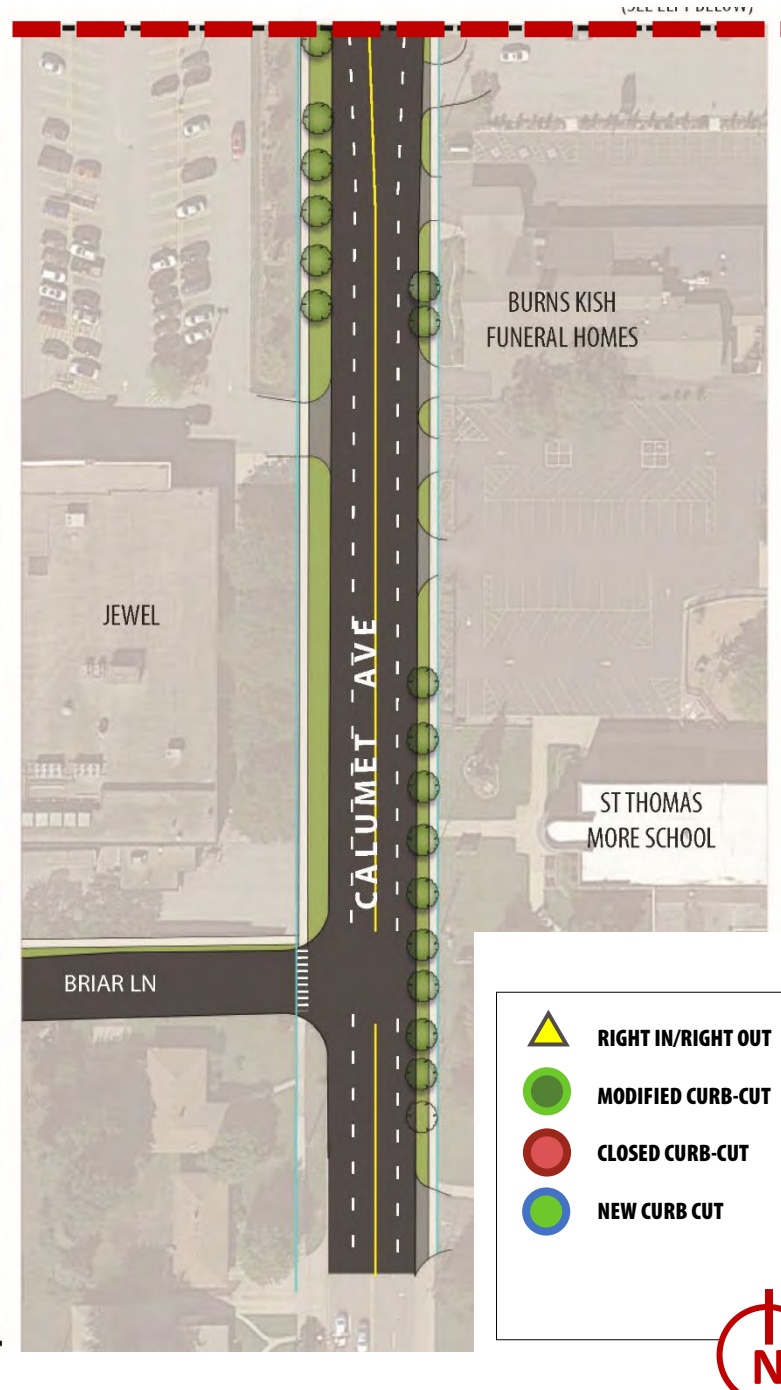
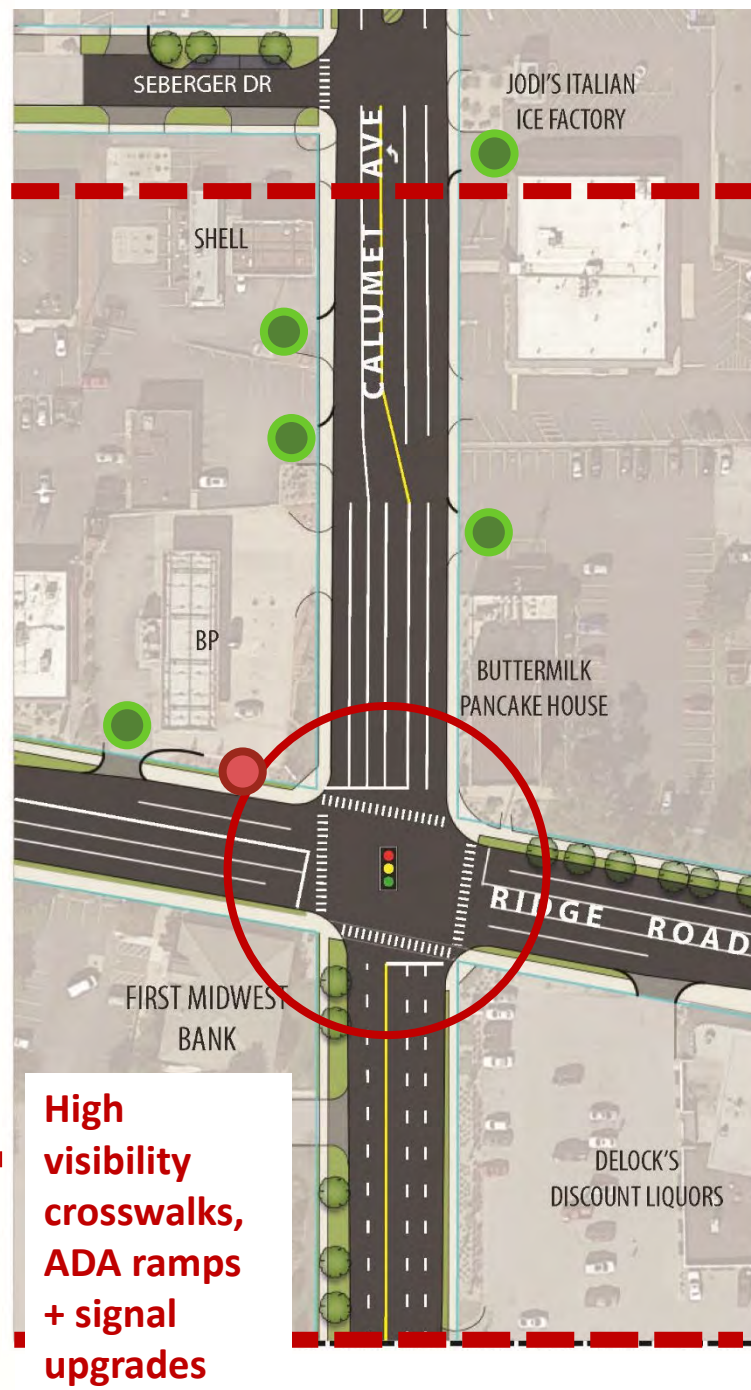
**RIGHT IN/RIGHT OUT**

**MODIFIED CURB-CUT**

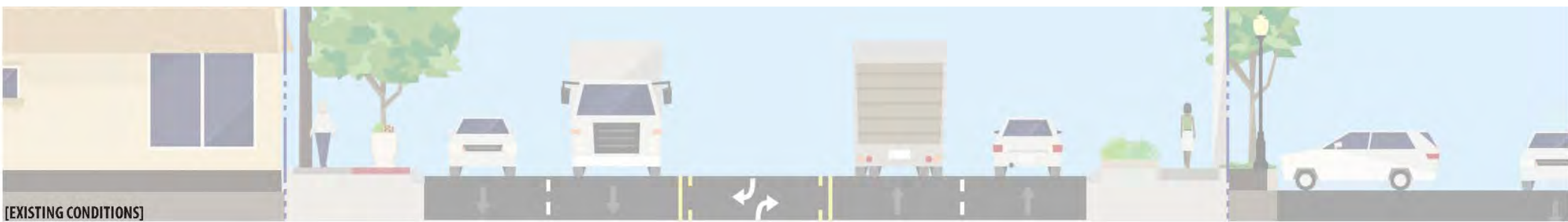
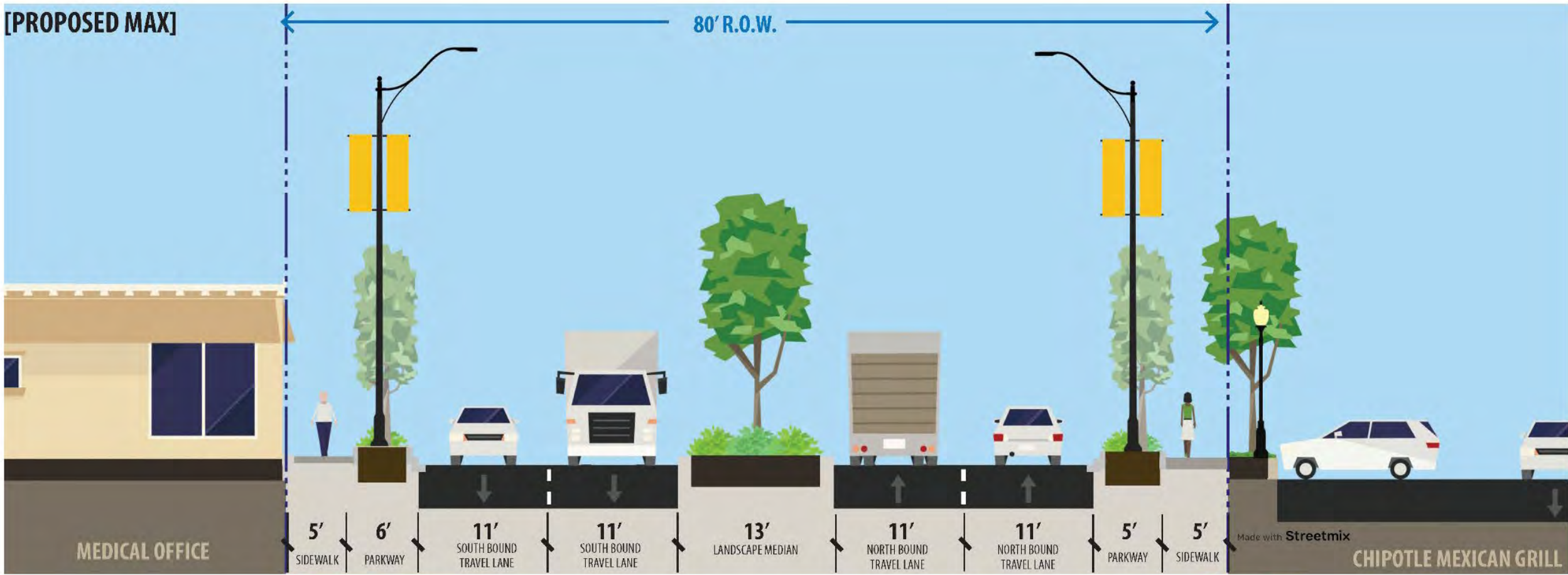
**CLOSED CURB-CUT**

**NEW CURB CUT**





Calumet Ave Section | South of 30th Street







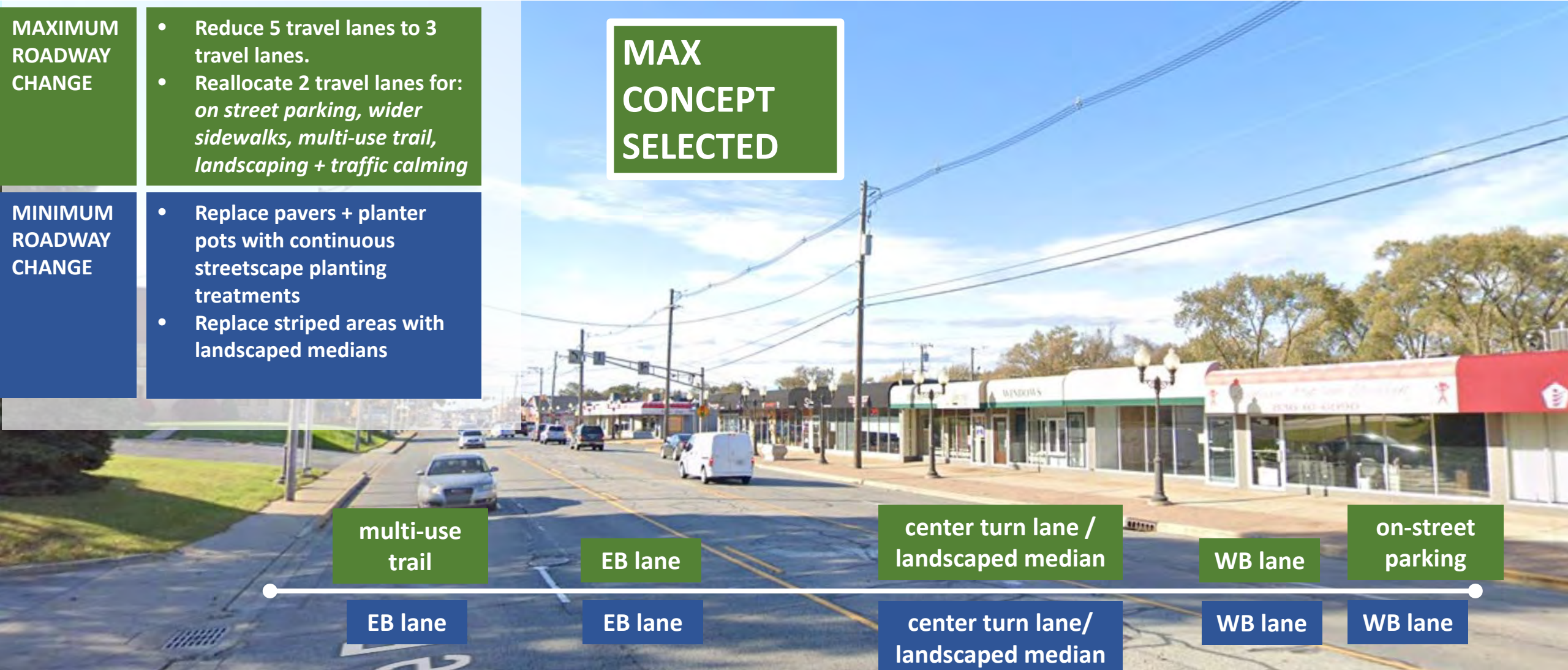
DRAFT PLAN PRESENTATION | RIDGE ROAD



CONCEPT PLAN | Min vs Max Concepts – Ridge Road

MAXIMUM ROADWAY CHANGE	<ul style="list-style-type: none">Reduce 5 travel lanes to 3 travel lanes.Reallocate 2 travel lanes for: <i>on street parking, wider sidewalks, multi-use trail, landscaping + traffic calming</i>
MINIMUM ROADWAY CHANGE	<ul style="list-style-type: none">Replace pavers + planter pots with continuous streetscape planting treatmentsReplace striped areas with landscaped medians

MAX
CONCEPT
SELECTED



multi-use
trail

EB lane

center turn lane /
landscaped median

WB lane

on-street
parking

EB lane

EB lane

center turn lane/
landscaped median

WB lane

WB lane

OUTREACH | Ridge Road key concerns + concepts

KEY CONCERNS

- Businesses are not supported by the environment
- Does not invite people to walk here
- Lacks a sense of place
- Needs greening and landscaping

KEY OPPORTUNITIES

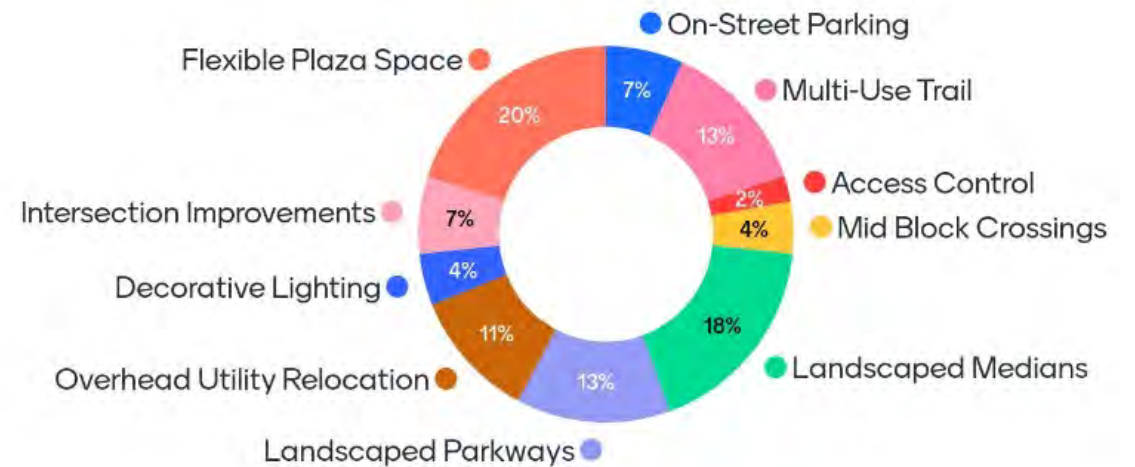
Road diet amenities

When asked whether participants were concerned that the road diet would cause approx. 1-3 minutes travel delay between Hohman and Calumet, most participants responded they were not concerned.

Top improvement preferences:

- 20% flexible plaza space
- 18% landscaped medians
- 13% multi-use trail
- 13% landscaped parkways

Ridge Road Improvements: select your top 3 features.



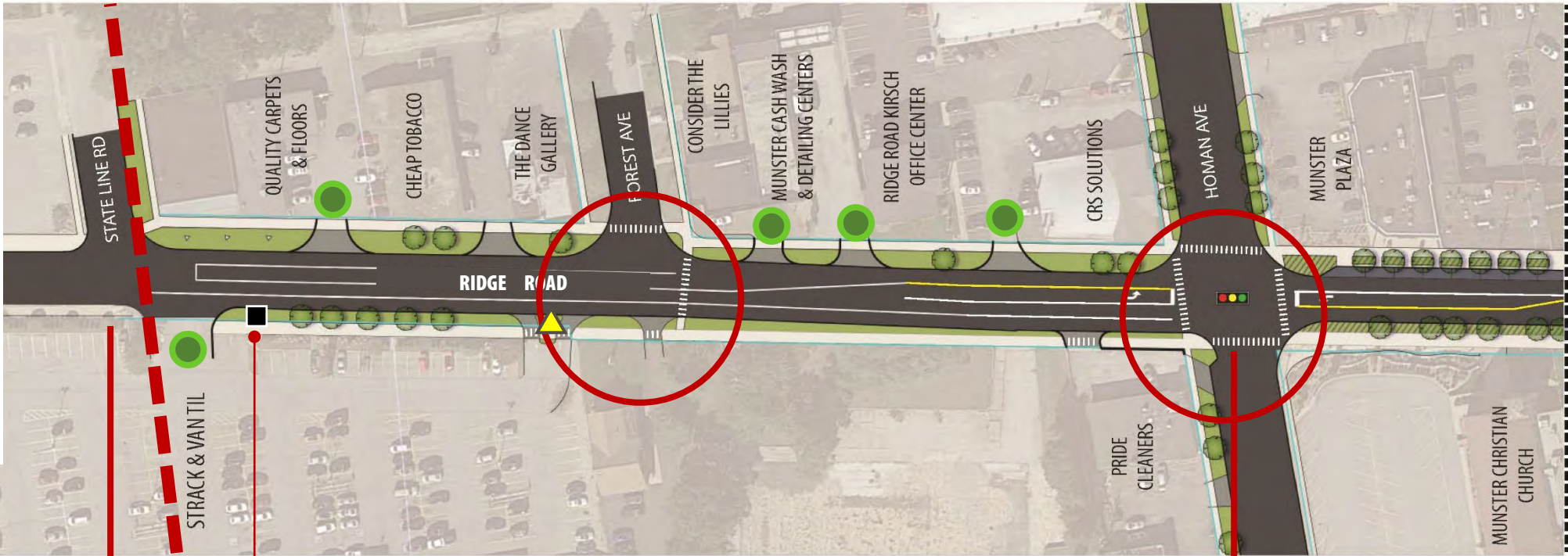
OUTREACH | “Paint us a picture along Ridge Road” key quotes:

- **“Vibrant and verdant active corridor.”**
- “Evening out, have dinner, walk to a few shops.”
- **“A lot of walking and biking activity on trail, festivals, access control, landscaping improvements.”**
- “More outdoor dining areas, larger area around the fountain, plaza for art shows or live music, more lighting for walks, train station that fits the neighborhood.”

Ridge Road | State Line Rd to east of Hohman Ave

Provide a left-turn lane into Strack + Van Til instead of two EB through lanes.

Recommend coordination with Lansing to reduce number of EB through lanes to 1 lane on the Illinois side for a smoother transition to Munster



- RIGHT IN/RIGHT OUT
- MODIFIED CURB-CUT
- CLOSED CURB-CUT
- NEW CURB CUT

West gateway sign and plantings – to be coordinated with property owner.

WEST GATEWAY ENTRY

WALKABLE DOWNTOWN CORE





Shop

OPEN

223

223 Ridge Rd. 219-251-1111

223 Ridge Rd. 219-251-1111



RIDGE RD
MEADOW

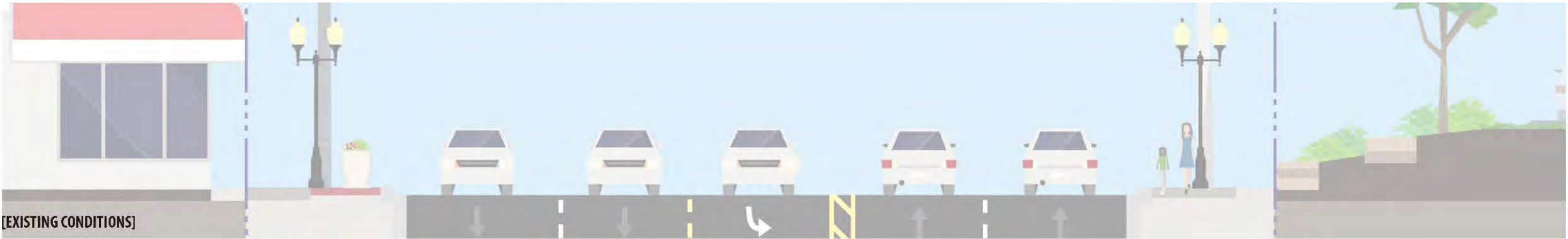
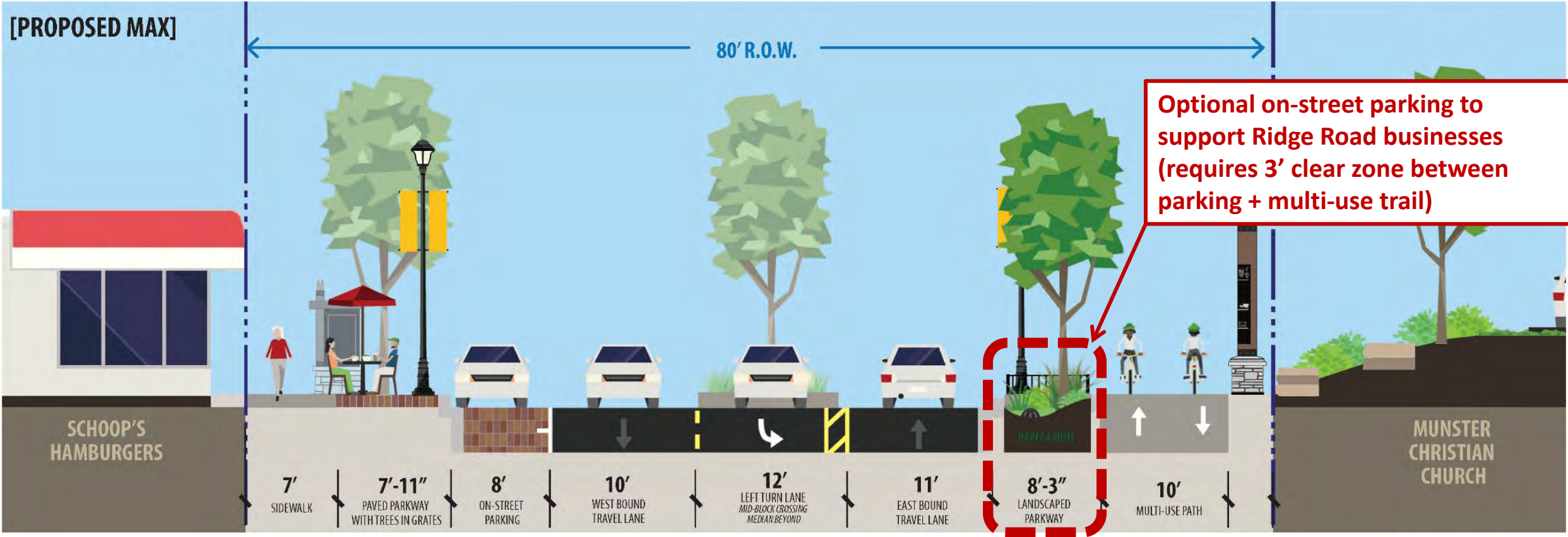
227 Ridge Rd. 219-251-1111

Dickie's Dine Nails by Judy

Dickie's Dine Nails by Judy



Ridge Road Section | East Hohman Ave (west of Meadow Lane)

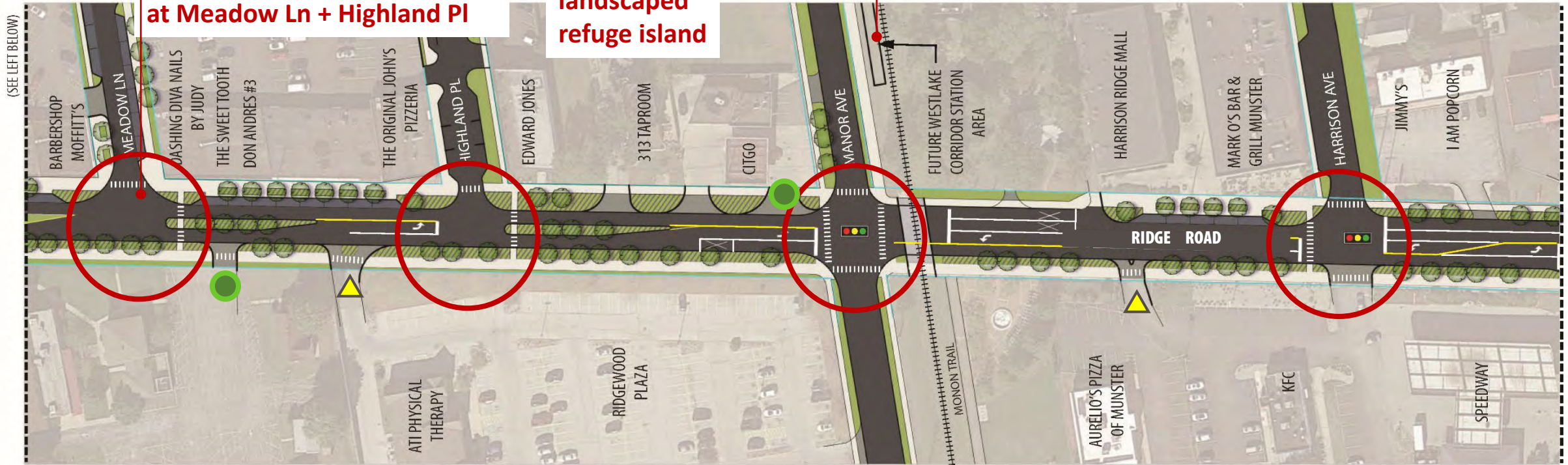


Ridge Road | west of Meadow Lane to Harrison Ave (west)

Flexible parking plaza opportunities at Meadow Ln + Highland Pl

Pedestrian crosswalk + landscaped refuge island

Future Westlake Corridor Station Area



RIGHT IN/RIGHT OUT

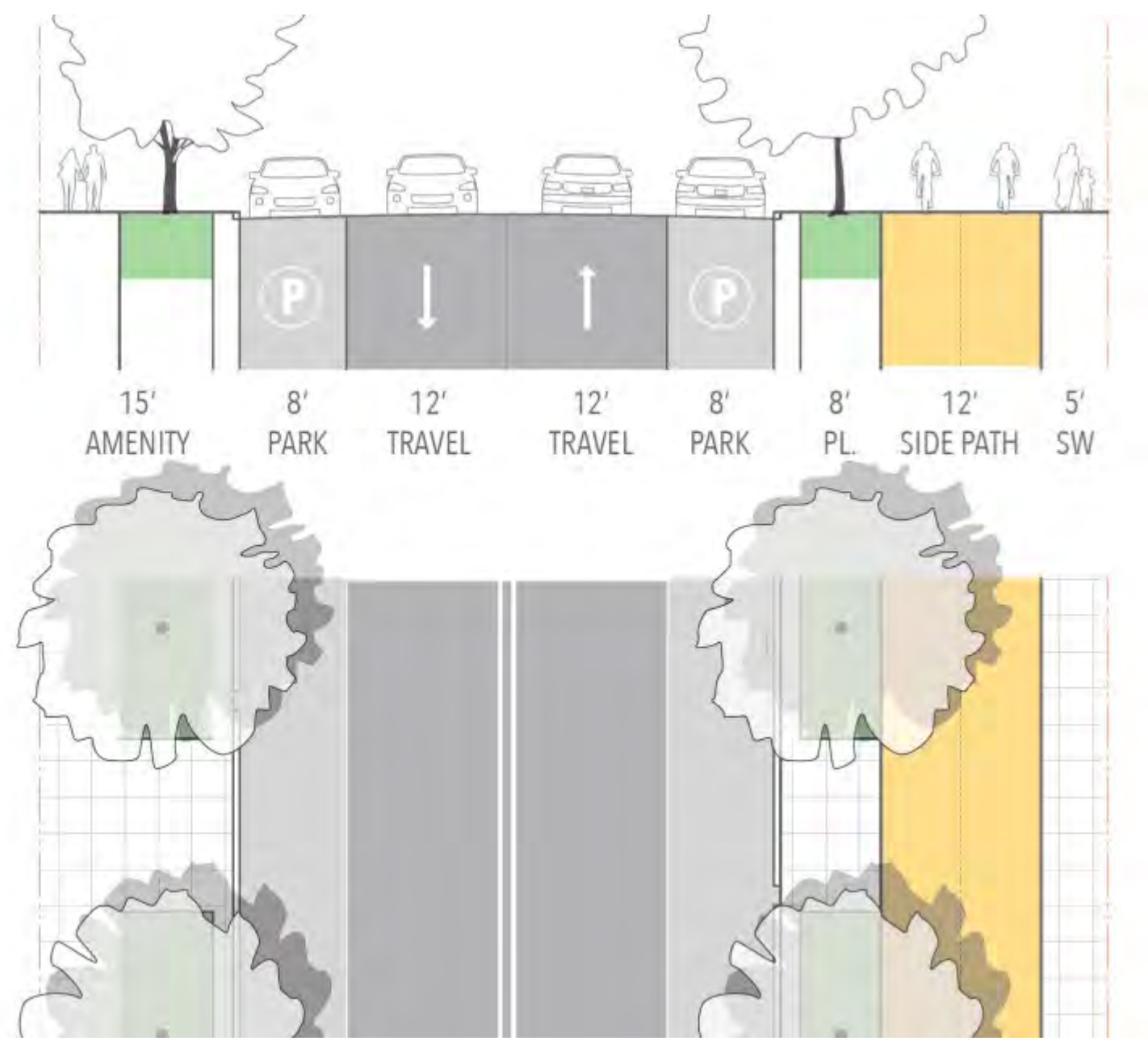
MODIFIED CURB-CUT

CLOSED CURB-CUT

NEW CURB CUT



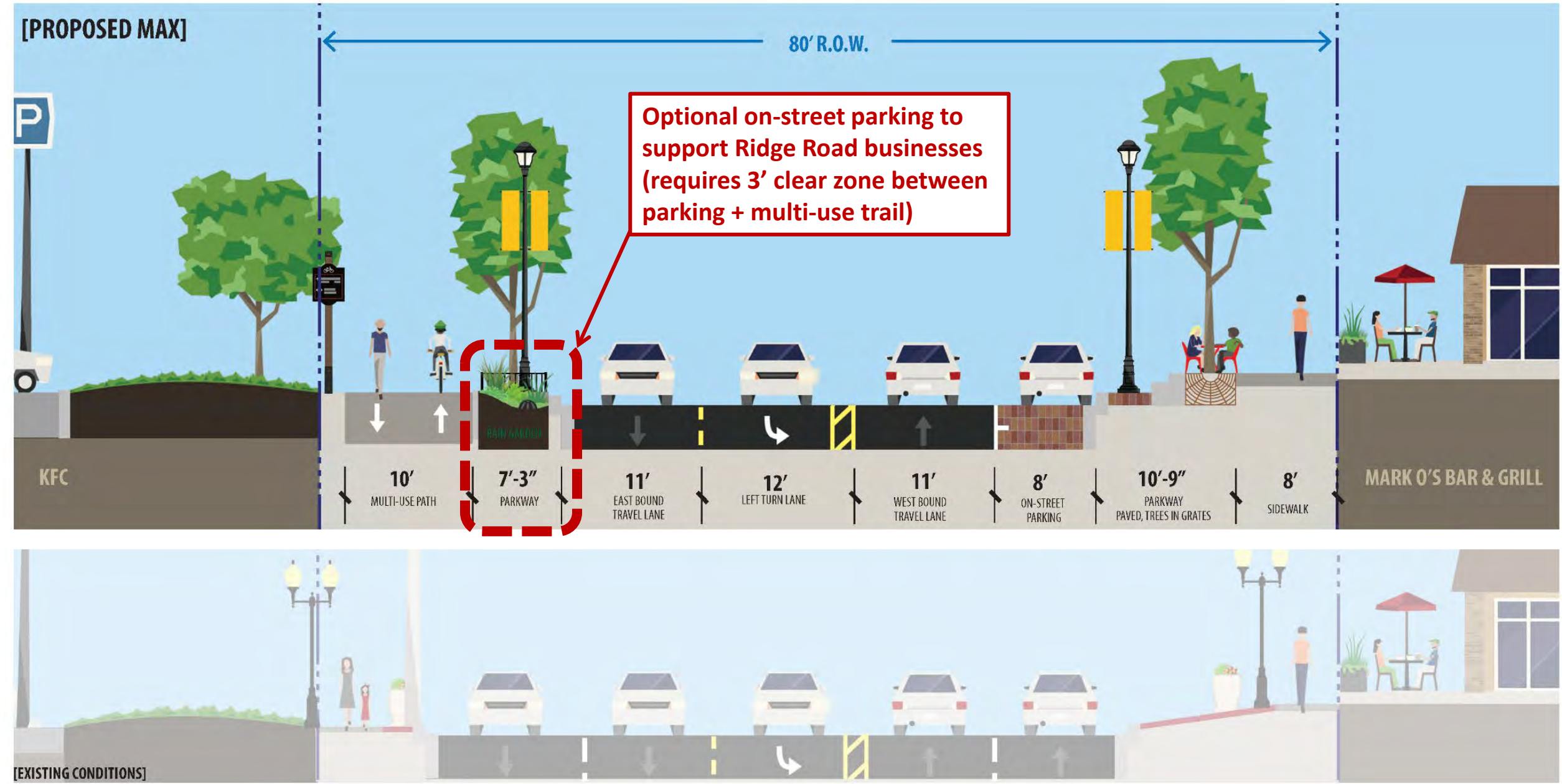
Multi-Use Path Considerations at Ridge Road



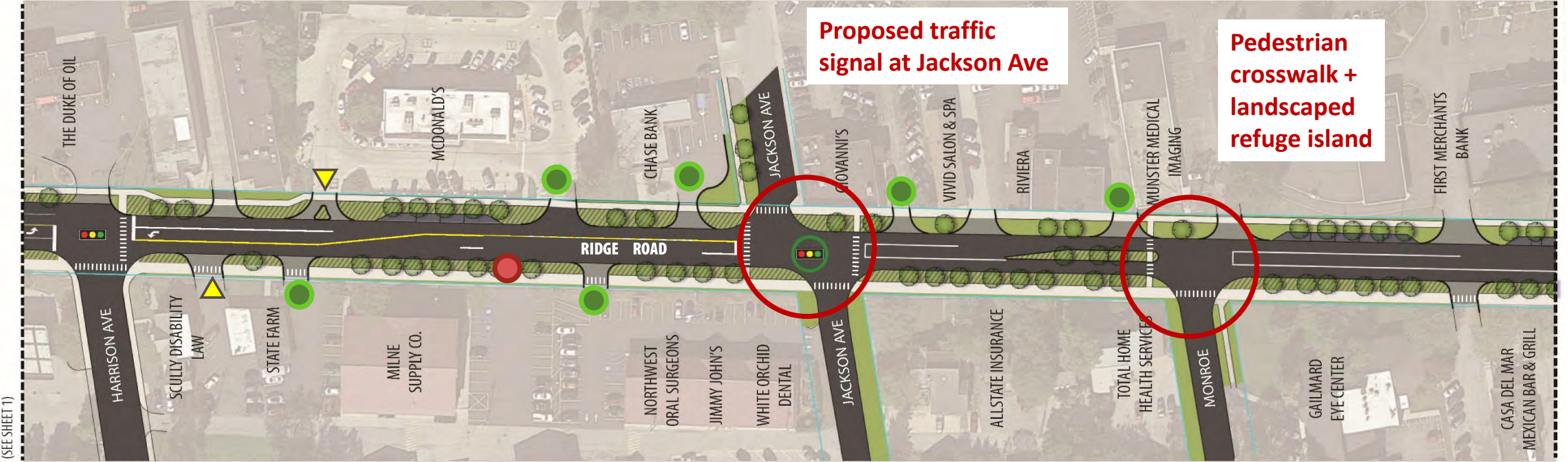




Ridge Road Section | West of Harrison Ave (west)



Ridge Road | Harrison Ave (east) to east of Monroe



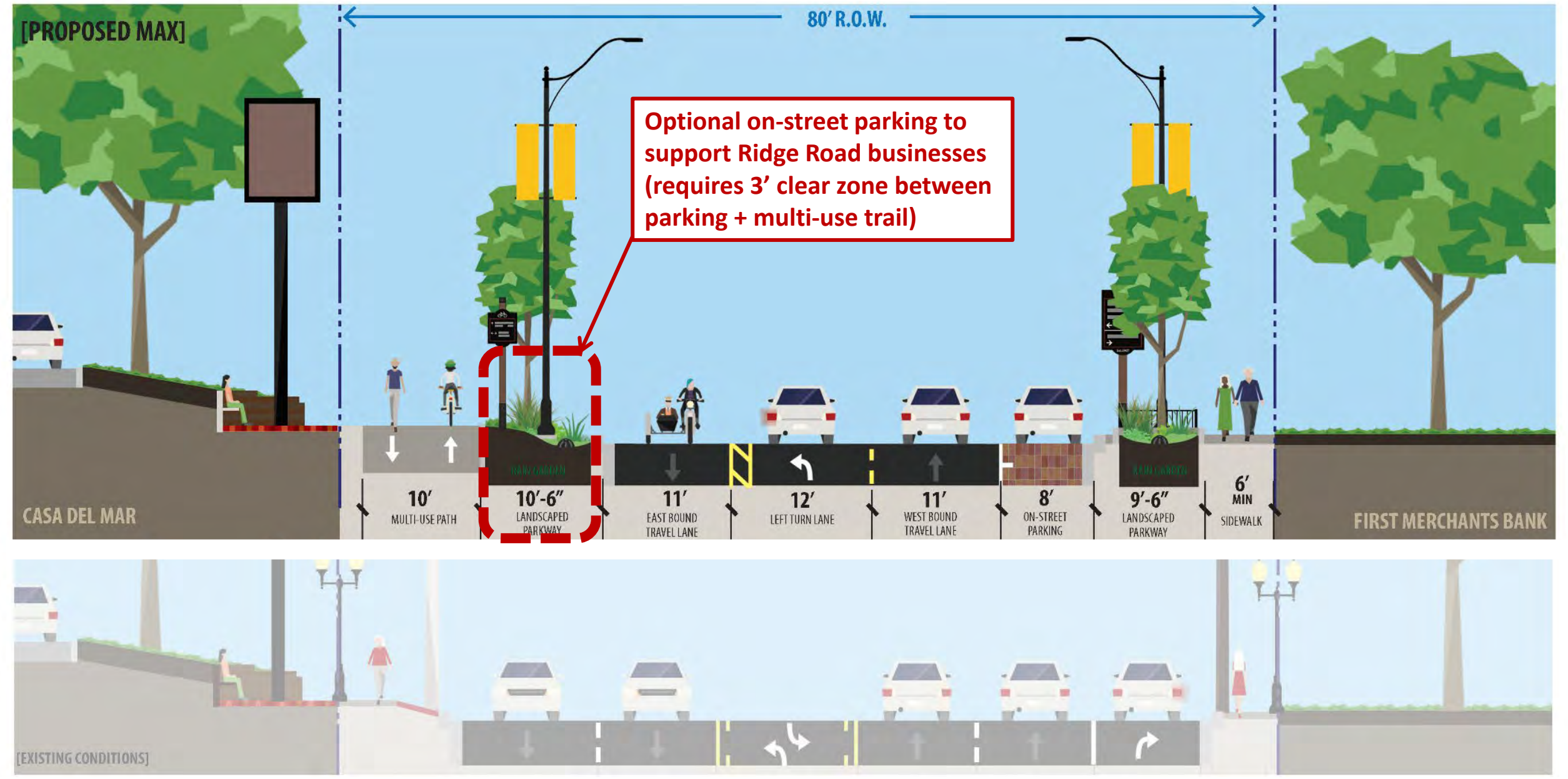
← **WALKABLE DOWNTOWN CORE**

CALUMET TRANSITION AREA →

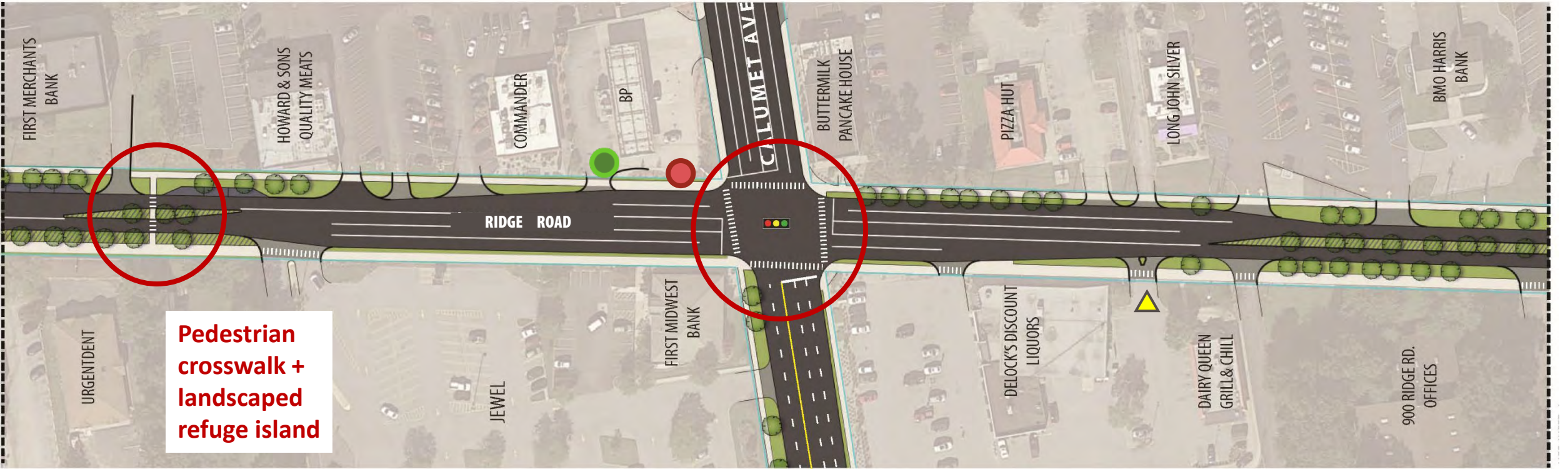
- ▲ RIGHT IN/RIGHT OUT
- MODIFIED CURB-CUT
- CLOSED CURB-CUT
- NEW CURB CUT



Ridge Road Section | West of Calumet Ave



Ridge Road | Calumet Ave intersection area



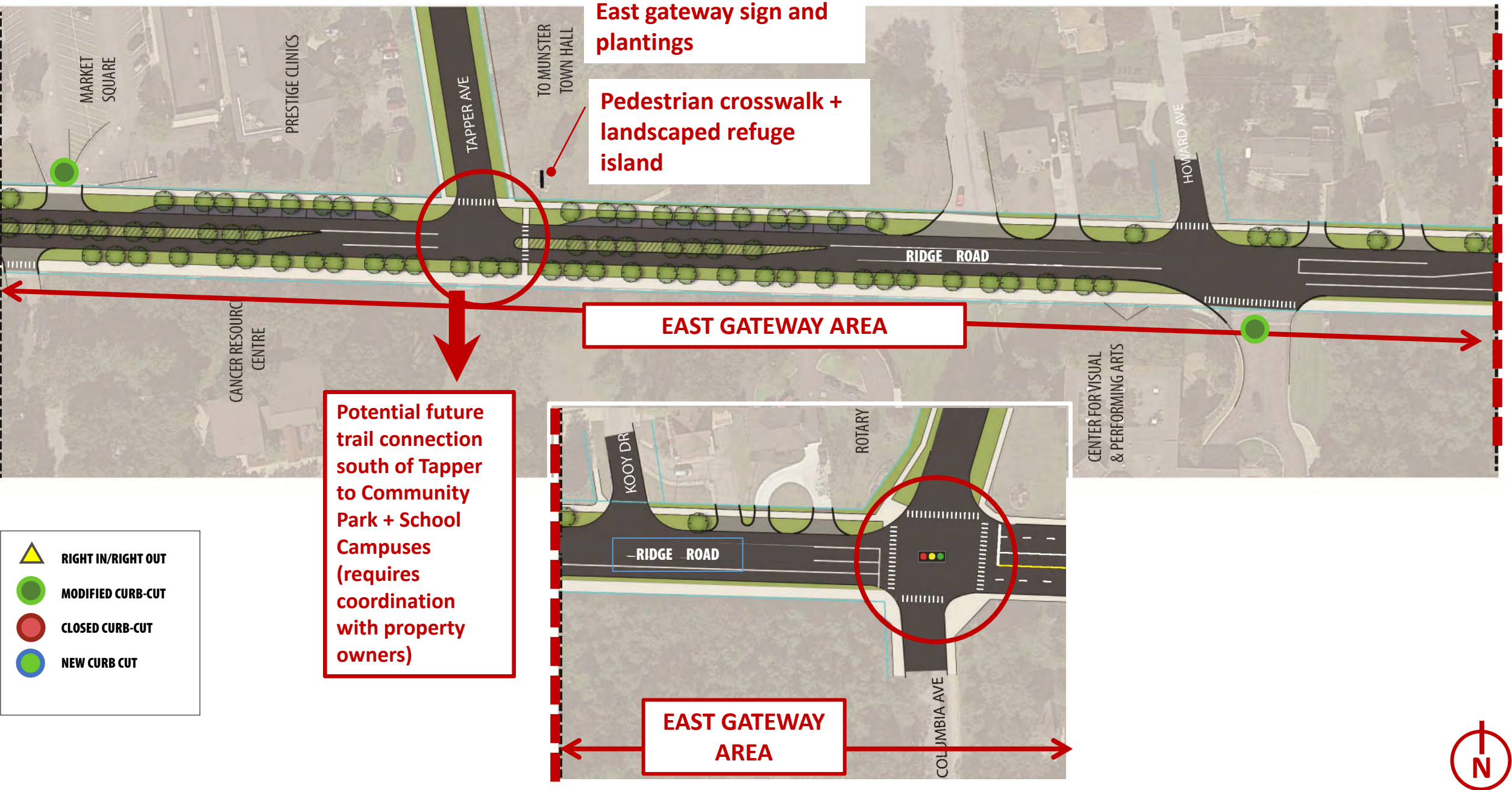
Pedestrian crosswalk + landscaped refuge island

CALUMET AVE TRANSITION AREA

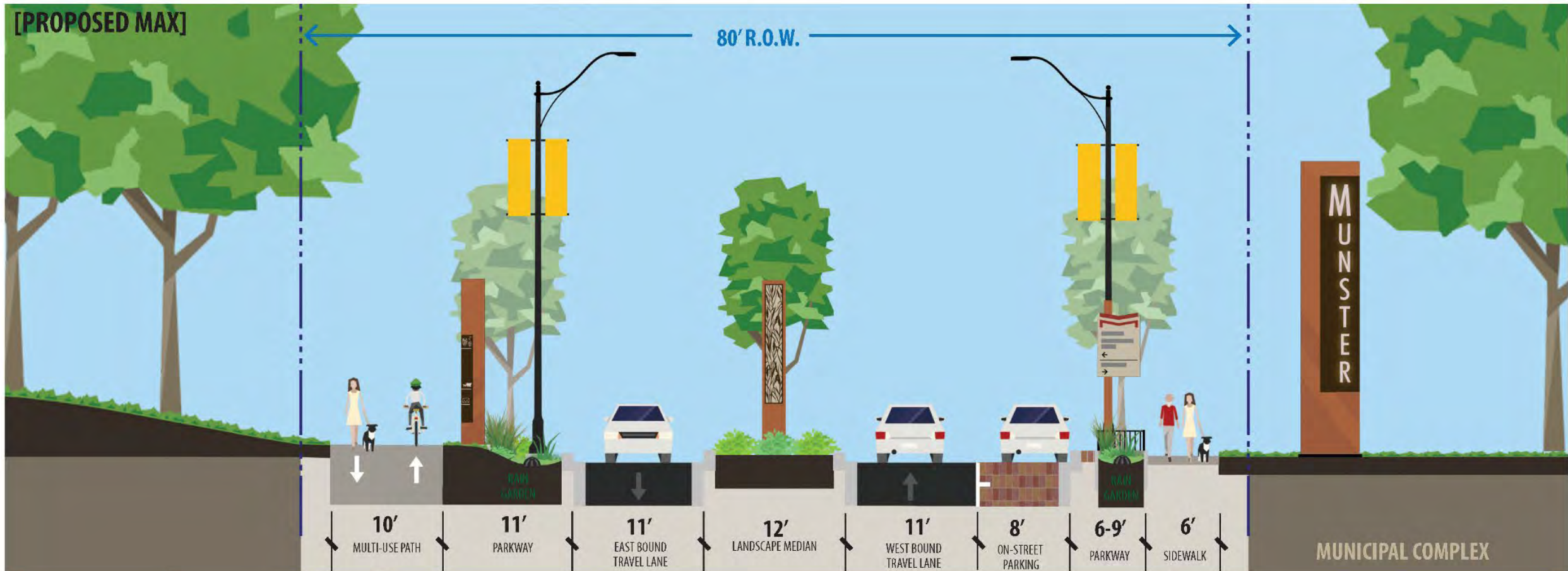
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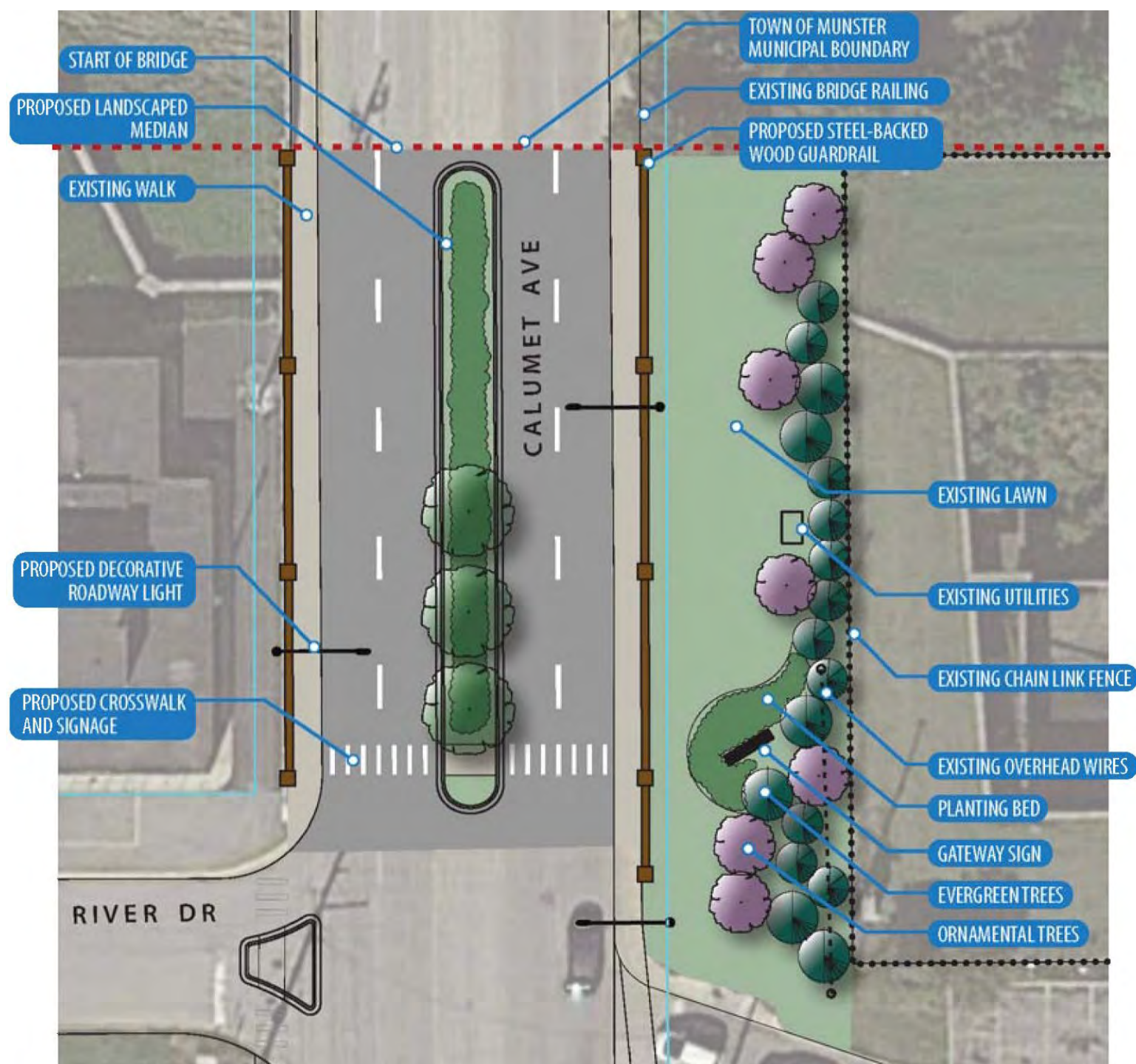
Ridge Road | west of Tapper Ave to Columbia Ave



Ridge Road Section | East of Tapper Ave (Town Hall)

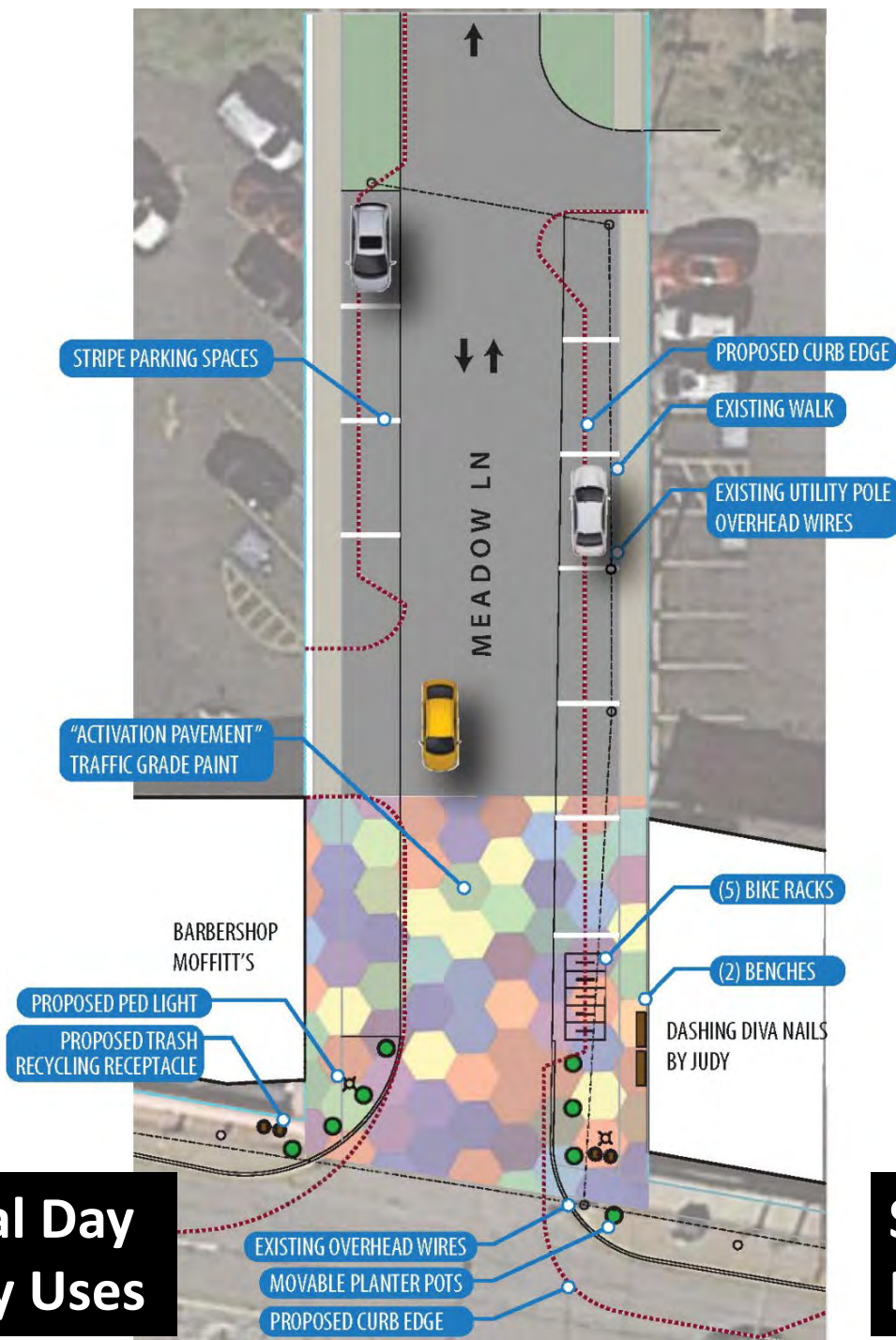


PILOT PROJECT | North Calumet Avenue Gateway

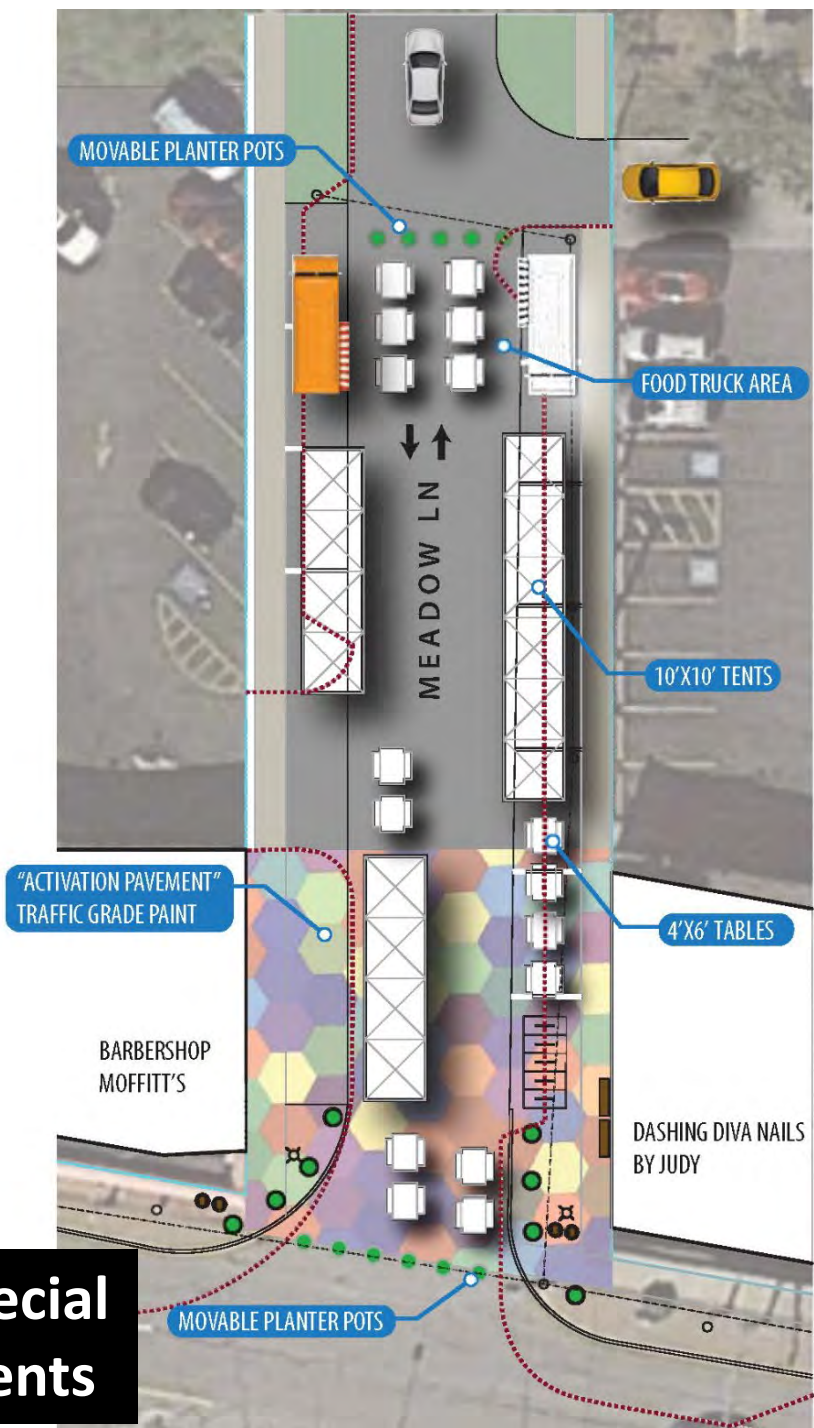


PILOT PROJECT + STREETSCAPE DEMONSTRATIONS | Meadow Lane

Typical Day
to Day Uses



Special
Events



IMPLEMENTATION | concept level costs + strategies for development

OVERHEAD UTILITY TYPES	RIDGE ROAD	CALUMET AVE
OVERHEAD ELECTRICAL TRANSMISSION WIRE (LF)	0	12000
OVERHEAD ELECTRICAL DISTRIBUTION WIRE (LF)	26000	18000
OVERHEAD TELECOM WIRE (LF)	8000	5000
OVERHEAD CABLE (LF)	8000	5000

UTILITY RELOCATION CONCEPTUAL COSTS	RIDGE ROAD	CALUMET AVE
OPTION A EXISTING REMOVAL + BURIAL	\$13,650,000	\$13,000,000
OPTION B EXISTING REMOVAL + RELOCATION	\$ 3,150,000	\$ 3,000,000

**concept level costs based on INDOT unit pricing and general contractor form of project delivery.
Costs provided for streetscape discussion + planning purposes.*

IMPLEMENTATION ROADWAY + STREETSCAPE COSTS*	RIDGE ROAD 7,000 LF	CALUMET AVE 4,600 LF
UTILITY REMOVAL + RELOCATE (OPTION B)	\$ 3,150,000	\$ 3,000,000
DEMO, ROADWAY + SIGNALIZATION	\$ 9,105,295	\$ 5,458,700
HARDSCAPE	\$ 758,275	\$ 101,900
SITE FURNISHINGS	\$ 176,000	\$ 57,000
LIGHTING	\$ 1,480,000	\$ 720,000
GATEWAY + WAYFINDING SIGNAGE	\$ 371,000	\$ 313,000
PLANTINGS	\$ 1,571,175	\$ 486,609
SUBTOTAL	\$16,611,745	\$10,137,209
MAINTENANCE OF TRAFFIC (5%) + MOBILIZATION (4%)	\$ 1,495,057	\$ 912,349
DESIGN ENGINEERING: PH1 (5%), PH2 (5%), PH3 (10%)	\$ 3,322,349	\$ 2,027,442
TOTAL	\$21,429,151	\$13,077,000
COST PER LF	\$ 3,061	\$ 2,843

**concept level costs based on INDOT unit pricing and general contractor form of project delivery.
Costs provided for streetscape discussion + planning purposes.*

Calumet Avenue Phased Implementation – Draft for Discussion + Input			
Phase	Project Types	Cost	Partners
Near Term	North Gateway Pilot Project	\$52K (materials only)	Staff/public works/ Little Cal Development
	Roadway Restriping (landscaped medians)	\$14K (materials only)	Staff/public works
	Left Turn Controls (define prohibited left turns)	\$3K (materials only)	Staff/public works
	East side of Calumet: replace light poles, parkway plantings + trees	\$439K	Staff/public works/ Little Cal Development
	Clean up overhead cables + select aerial lines	Per NIPSCO	NIPSCO
	Phase 1 Engineering Study	\$507K	NIPSCO/ consultant
MID TERM	Signalized Intersection Improvements (Broadmoor, Calumet Shopping Cntr)	\$600K	Staff/public works
LONG TERM	Construct Calumet Ave north of Broadmoor (Broadmoor to municipal limits (1,650 lf or 0.35)	\$4M	
	Construct Calumet Ave south of Broadmoor (Broadmoor to Briar 2950 lf or 0.65)	\$7.4M	

RIDGE ROAD PHASED IMPLEMENTATION – DRAFT FOR DISCUSSION + INPUT

PHASE	PROJECT TYPES	COST	PARTNERS
NEAR TERM	Meadow Lane Pilot Project + Demonstration	\$44K (materials only)	Staff/public works/ businesses
	Roadway Restriping (define on-street parking with paint, temporary barricades and signage)	\$23K (materials only)	Staff/public works
	Left Turn Controls (define prohibited left turns via temp signage)	\$3K (materials only)	Staff/public works
	Signalized Intersection Enhancements (Calumet, Hohman + Manor – pavements, paint, signals, black poles + mast arms)	\$900K	Staff/public works
	Clean up overhead cables + select aerial lines	Per NIPSCO	NIPSCO
	Phase 1 Engineering Study	\$830K	NIPSCO/ consultant
MID TERM	Construct Ridge Road sections west of Calumet Ave (Calumet to State Line: 4,675 lf or .66)	\$13.1M	
LONG TERM	Construct Ridge Road sections east of Calumet Ave (Calumet to Columbia: 2,325 lf or .33)	\$6.5M	

NEXT STEPS + QUESTIONS?

- 1. Close Community Poll #2 + Host Public Meeting**
- 2. Prepare Streetscape Plan Report**
- 3. Present Report to Committee + Town Council**