



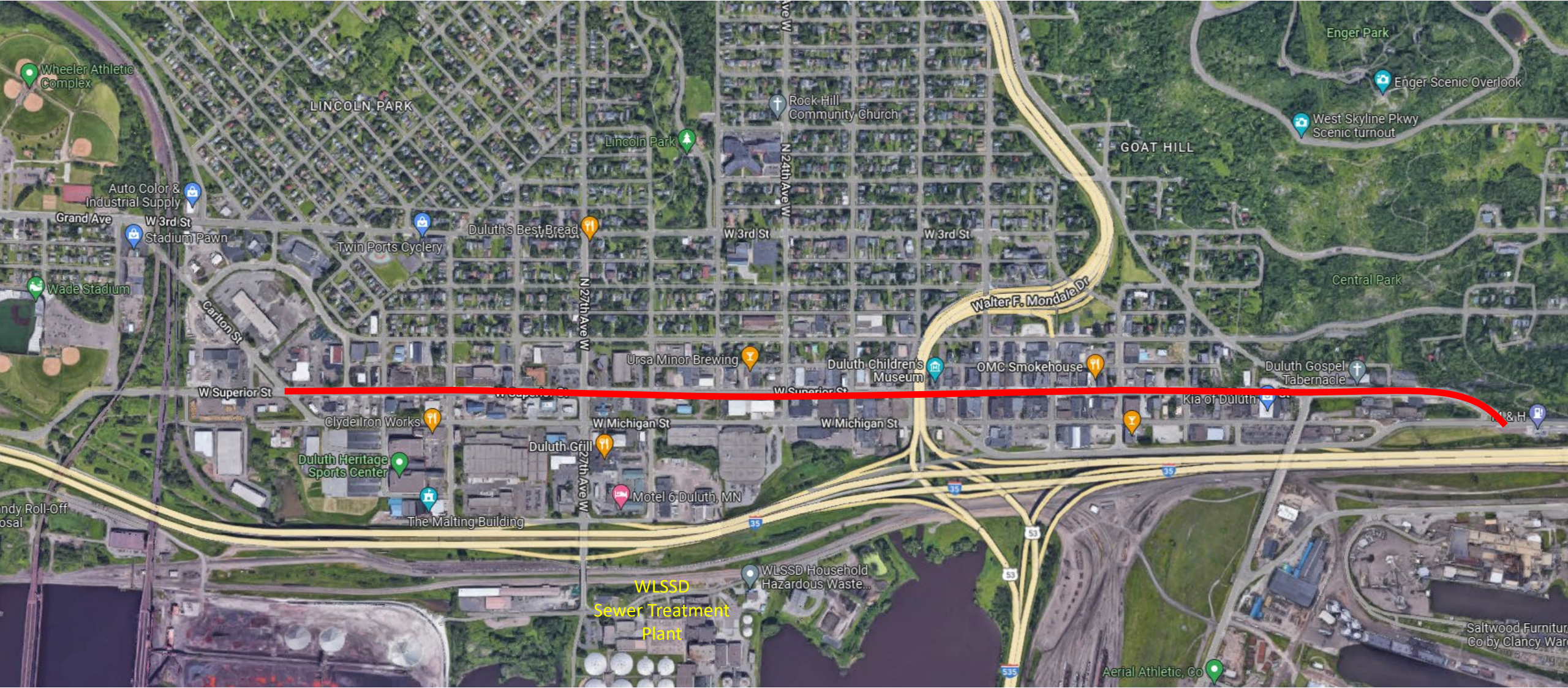
West Superior Street Reconstruction Project



Alex Popp, PE

City of Duluth Project Engineer

West Superior Street Project



— Project Location

Project Funding and Requirements

- \$24,990,160 Rebuilding America Infrastructure with Sustainability and Equity (RAISE) grant from FHWA administered by MnDOT
- \$7,684,530 Infrastructure Investment and Jobs Act (IIJA) Match Program grant from MnDOT
- Grant funding comes with specific requirements



RAISE Grants

Rebuilding America Infrastructure with Sustainability and Equity



U.S. Department
of Transportation

Design Team



Building a Better World
for All of Us®

Design Lead – SEH, Inc
Project Manager – Matt Bolf, PE



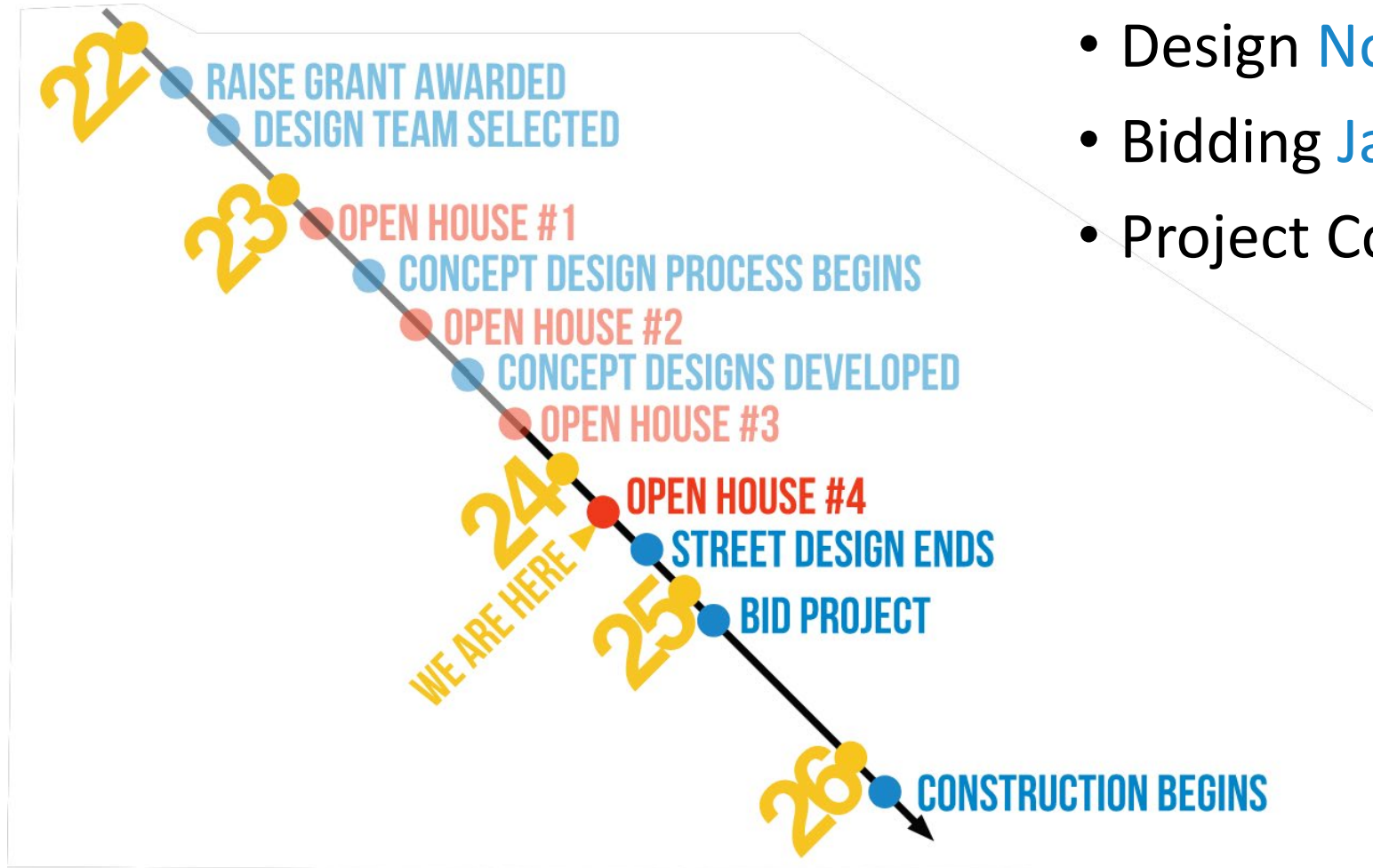
Damon Farber
Urban and Streetscape Design



ALLIANT

Alliant Engineering
Traffic Engineering, Preliminary
Design, and Construction Staging

Project Schedule



- Design **Now-End of 2024**
- Bidding **January 2025**
- Project Construction **2025 - 2028**

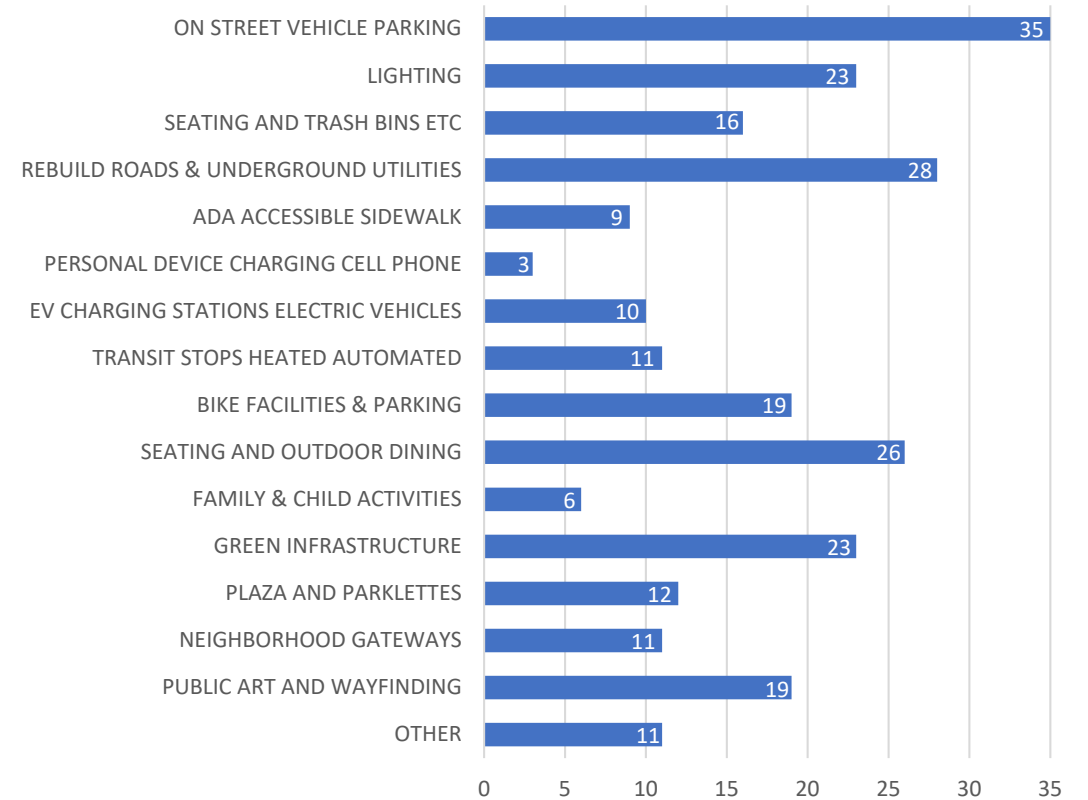
Preliminary Phasing and Detour Routes



Open House #1 – March 7, 2023



Open House 1 Prioritization Activity Results



West Superior Street Character Districts

CARLTON STREET TO 27TH AVE W



Character District 01

LIGHT INDUSTRIAL

27TH AVE W TO 22ND AVE W



Character District 02

INDUSTRIAL TO COMMERCIAL TRANSITION

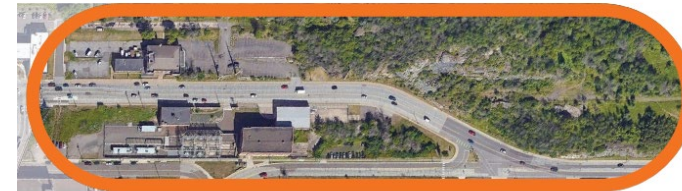
22ND AVE W TO PEIDMONT AVE / GARFIELD AVE



Character District 03

NEIGHBORHOOD COMMERCIAL CORE

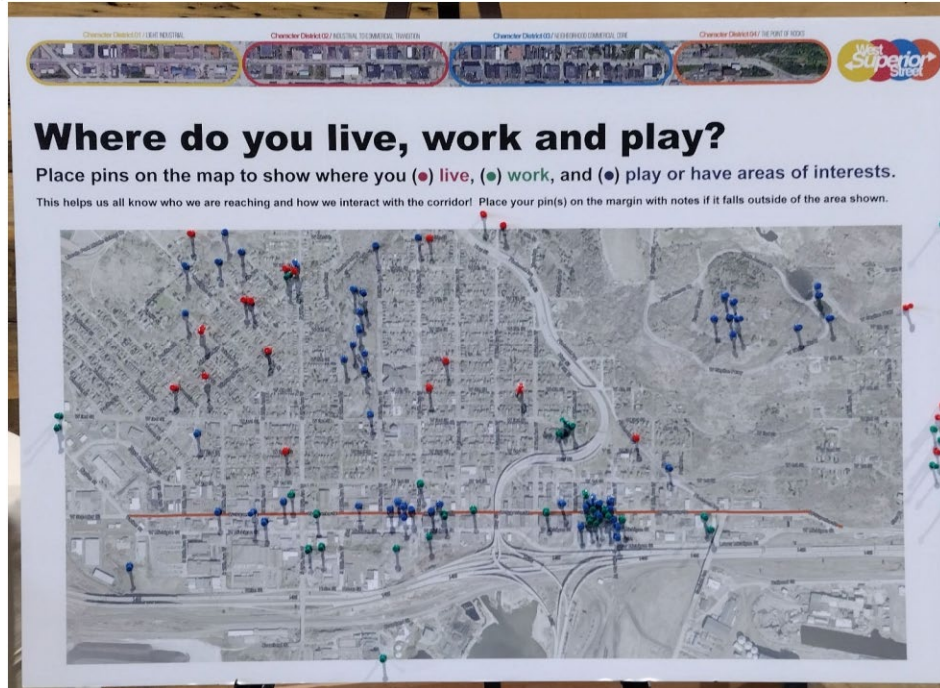
PEIDMONT AVE / GARFIELD AVE TO WEST MICHIGAN STREET



Character District 04

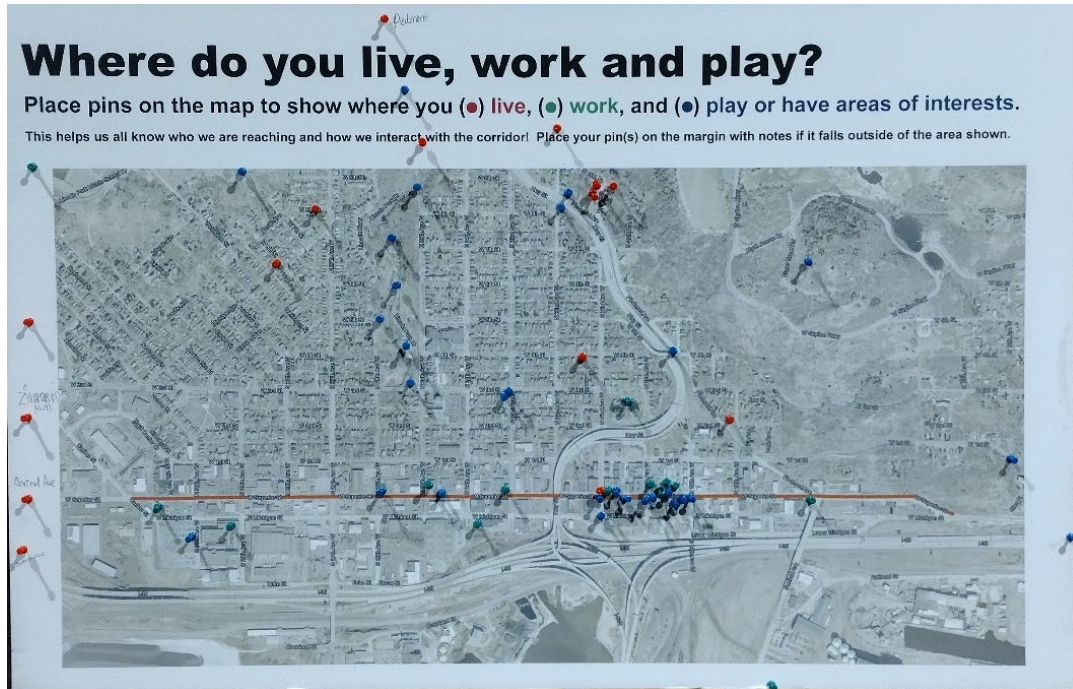
THE POINT OF ROCKS

Open House #2 – June 27, 2023



Decorative Site Furniture (12)	Electric Vehicle Charging (7)	Wayfinding (5)	Stormwater Plantings (12)
Programmed Open Space (10)	Winter Activation (12)	District Identity (13)	Pollinator Planting (10)
Pedestrian Scale Lighting (17)	Interpretive Signage (2)	Public Art (15)	Shade Trees (17)
Accessible Bus Stops (14)	Bike Crossings (14)	Signalized Ped Crossings (4)	Green Intersections (14)

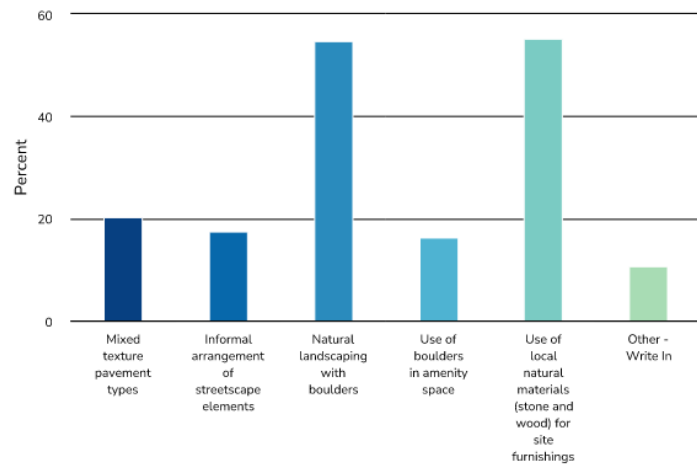
Open House #3 – November 1, 2023



Open House #3 Theme Surveys

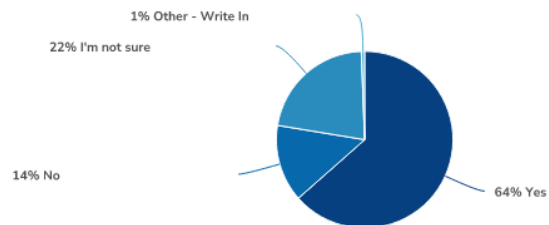
4. What design features of the "Point of Rock Inspired Emerge Theme" do you like most? (Pick 2)

W Superior St - Open House 3 Survey



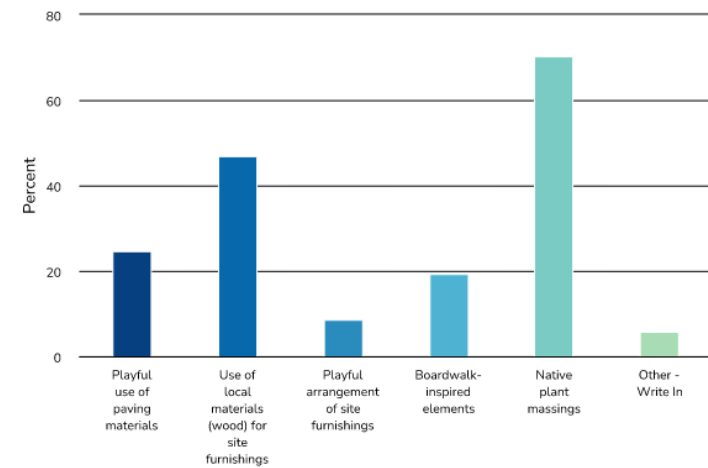
5. Can you see this theme on West Superior Street?

W Superior St - Open House 3 Survey



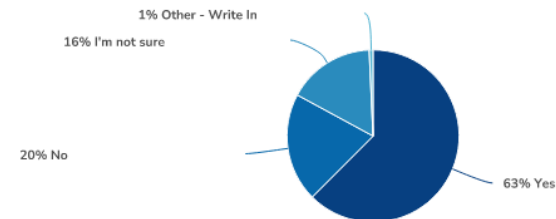
10. What design features of the "Superior Hiking Trail Inspired Contrast Theme" do you like most? (Pick 2)

W Superior St - Open House 3 Survey



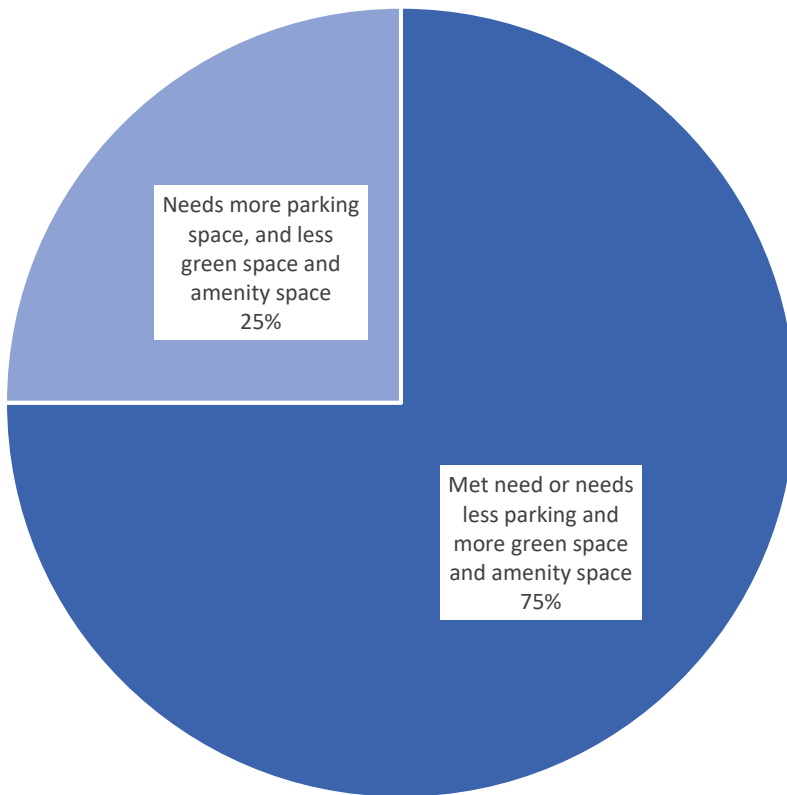
11. Can you see this theme on West Superior Street?

W Superior St - Open House 3 Survey

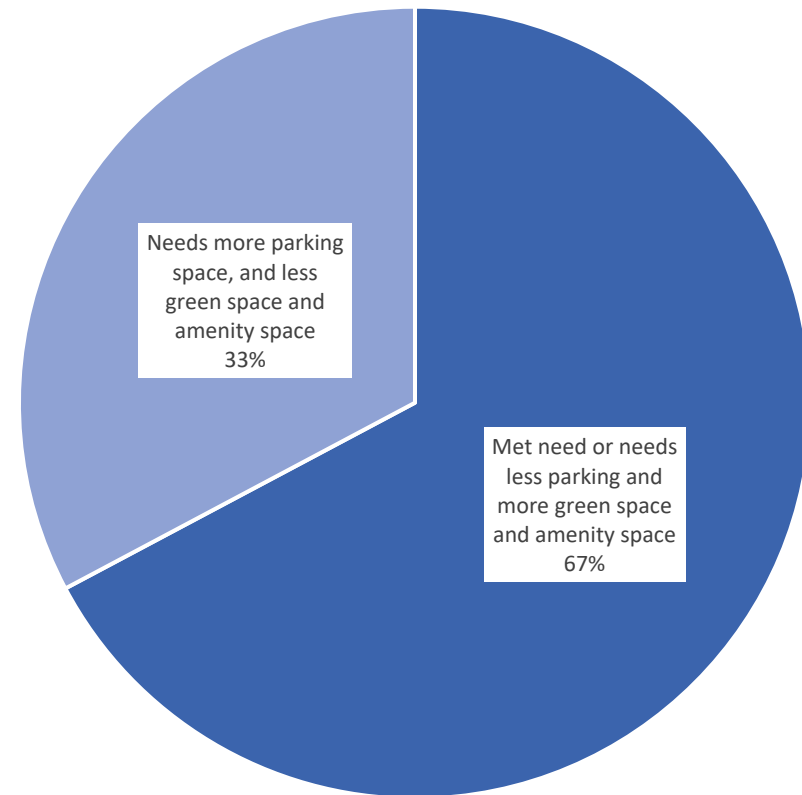


Open House #3 Parking Surveys

Character District 1 (Carlton Street to 27th Avenue W)

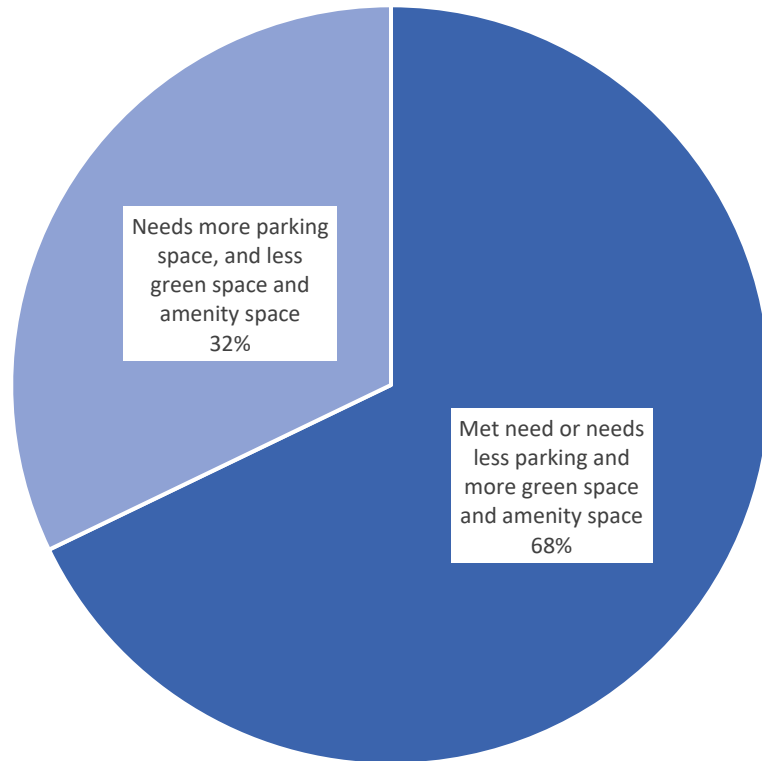


CHARACTER DISTRICT 2 (27TH AVENUE W TO 22ND AVENUE W)

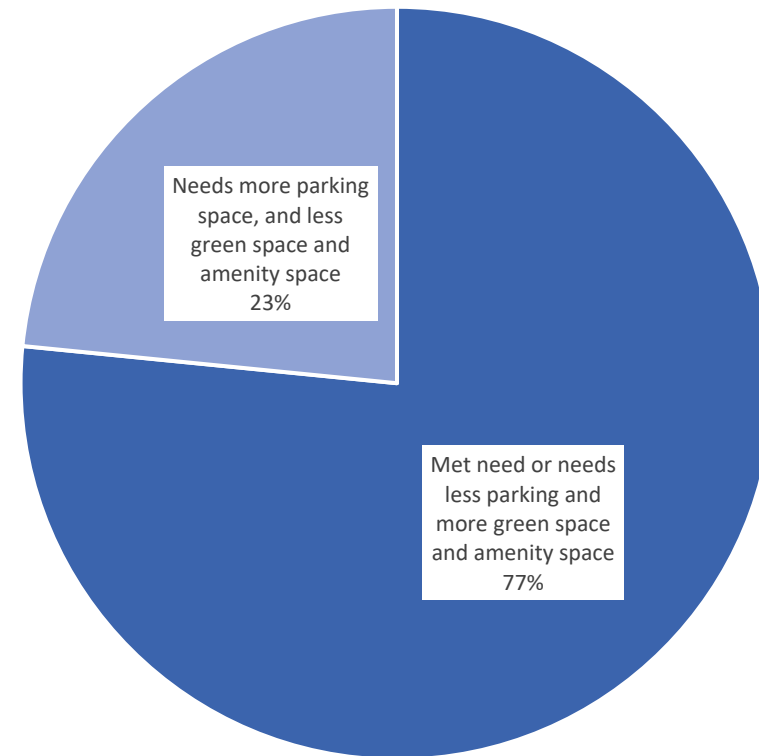


Open House #3 Parking Surveys

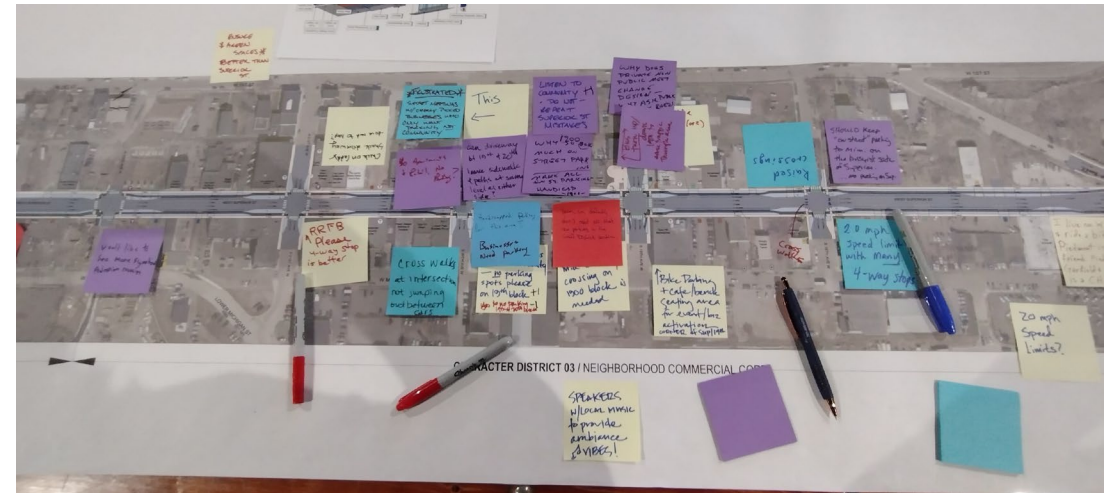
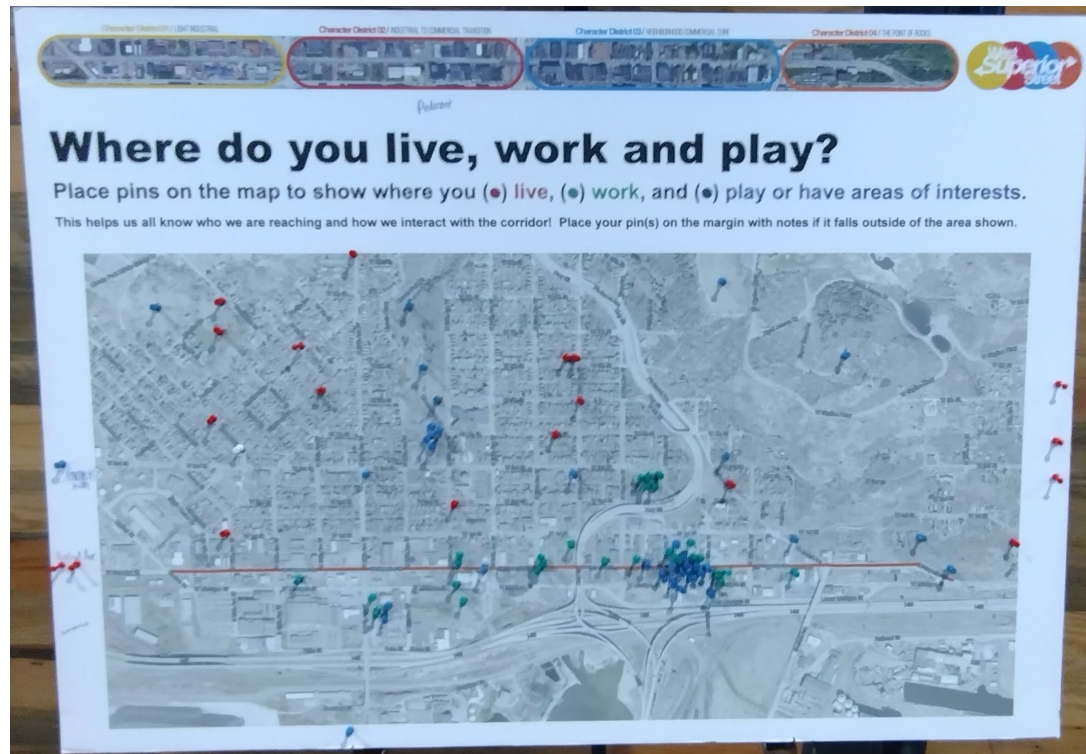
CHARACTER DISTRICT 3 (22ND AVENUE W TO PIEDMONT AVENUE/GARFIELD AVENUE)



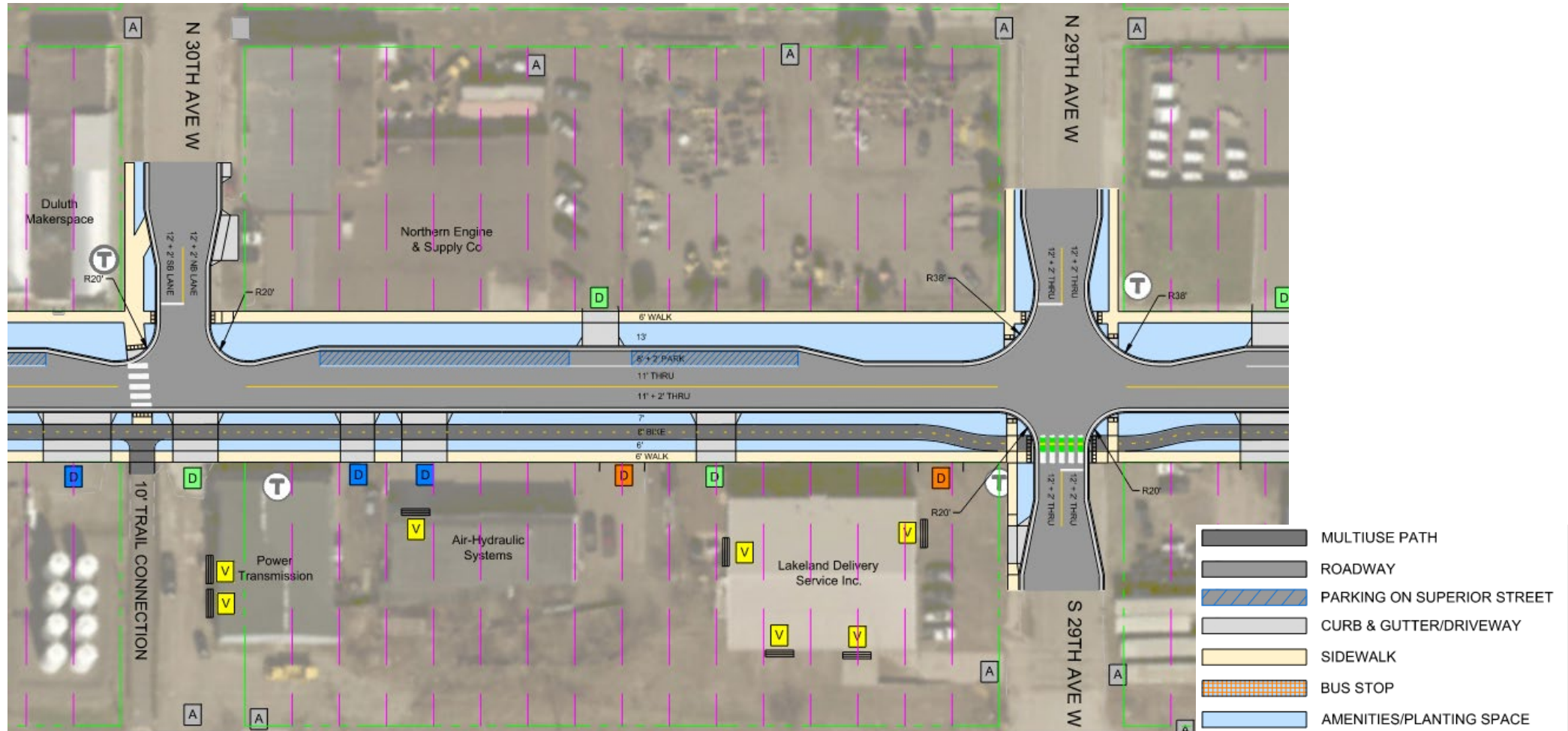
CHARACTER DISTRICT 4 (PIEDMONT AVENUE/GARFIELD AVENUE TO MICHIGAN STREET)



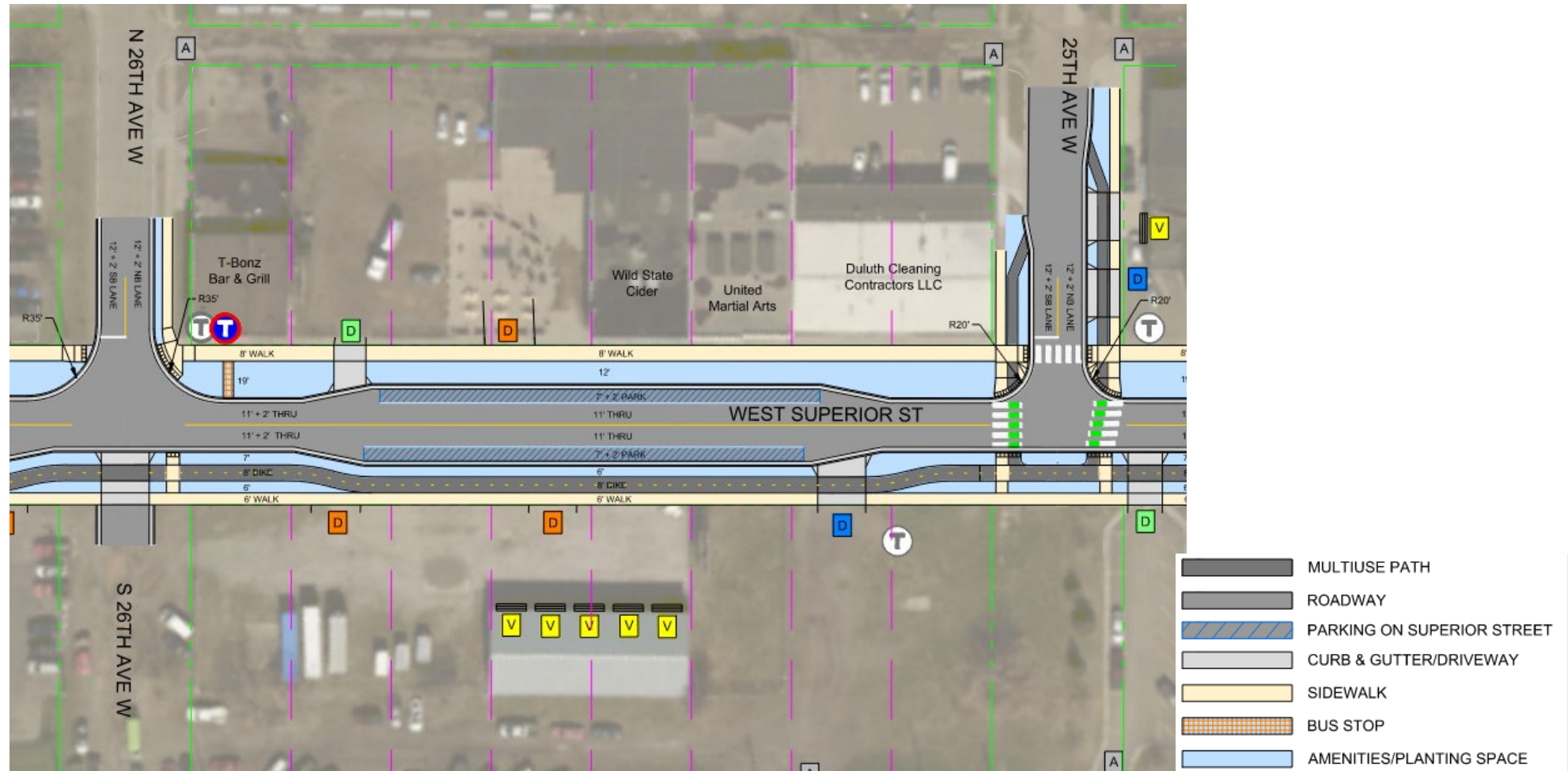
Open House #4 – March 14, 2024



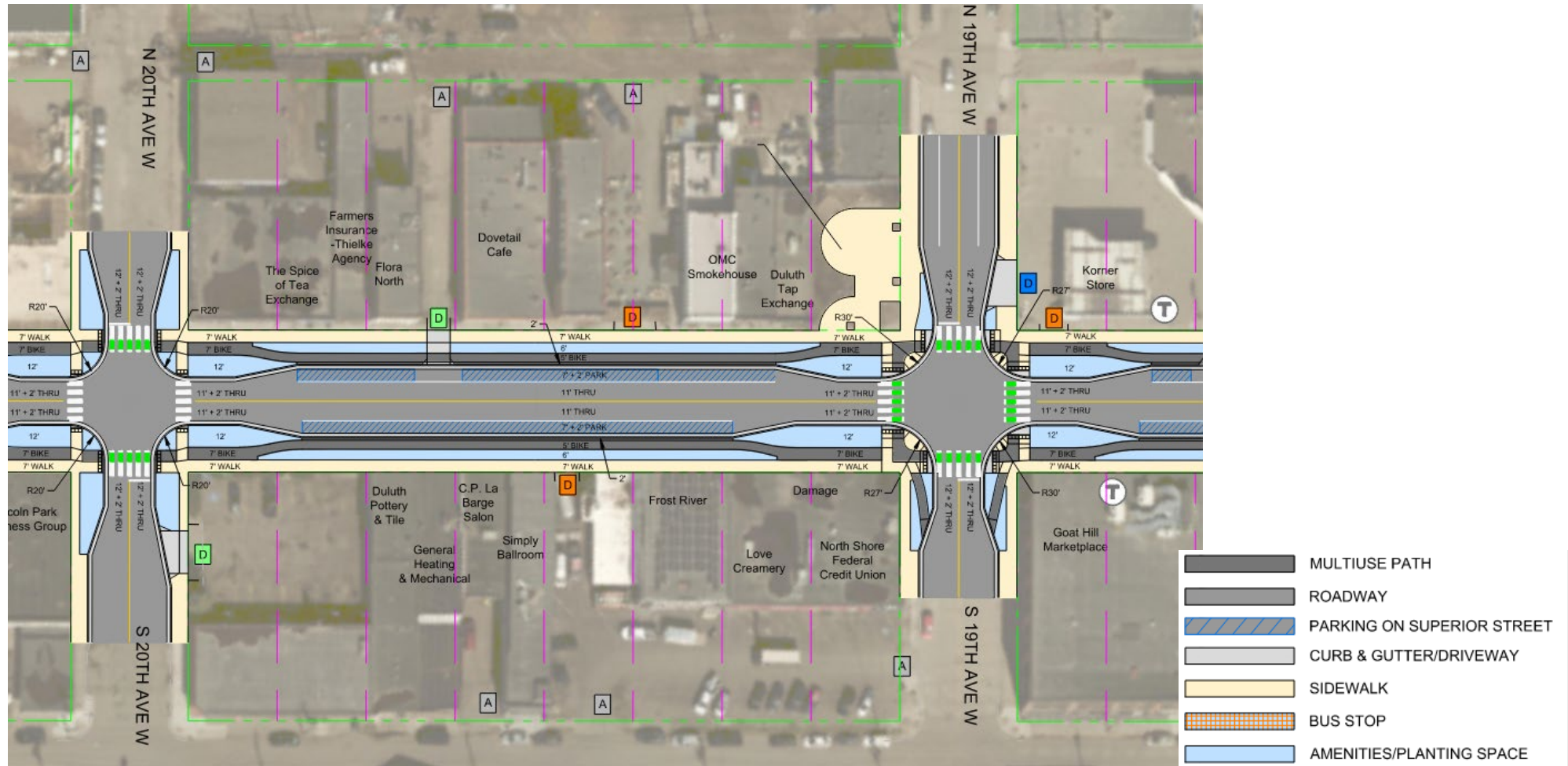
Proposed Layout – Character District 1



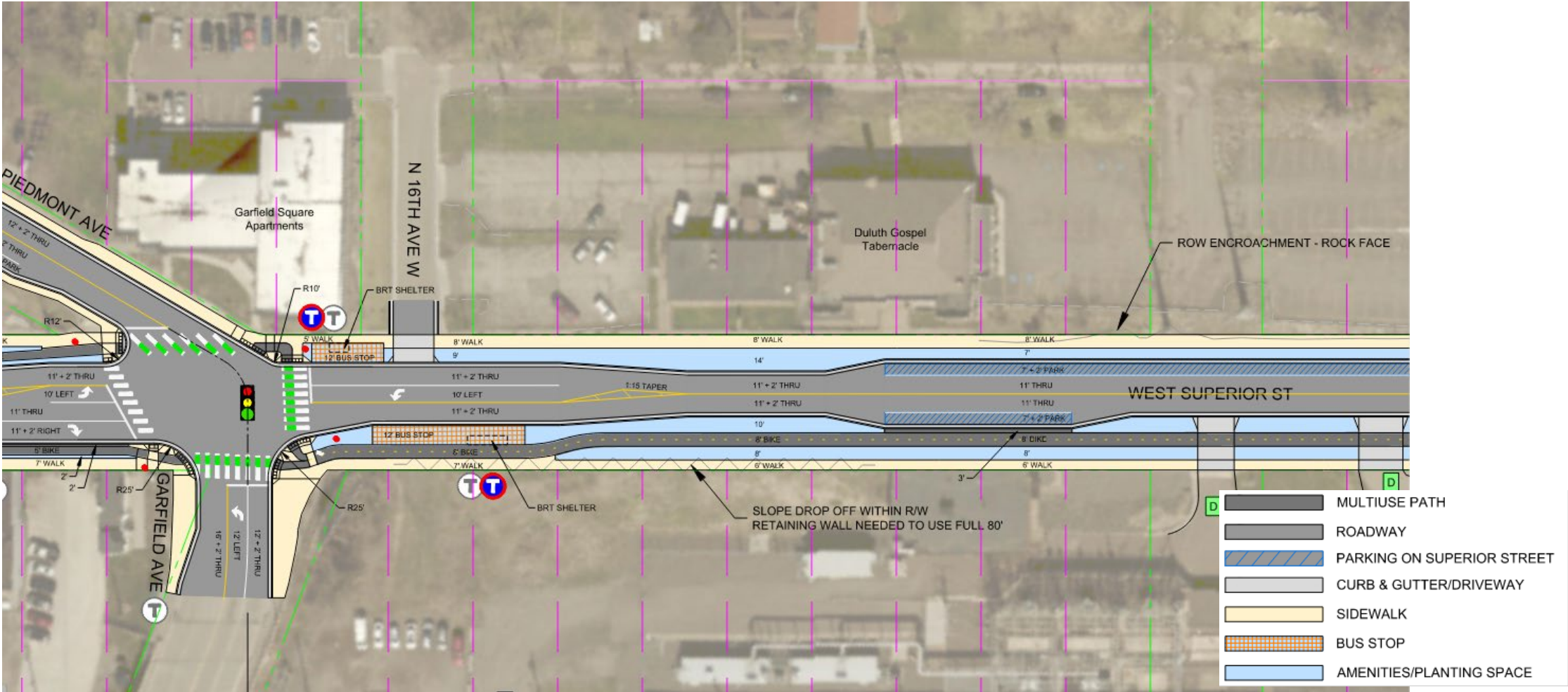
Proposed Layout – Character District 2



Proposed Layout – Character District 3



Proposed Layout – Character District 4



Proposed On-Street Parking Supply

PARKING SUPPLY COUNT - DRAFT: 2/14/2024

On-Street Parking Supply Summary on West Superior Street										
Character District	Block	Existing			Proposed			Delta Per Block		
		WB	EB	Total	WB	EB	Total	WB	EB	Total
The Point of Rocks	Michigan to Garfield	32	5	37	15	5	20	-17	0	-17
	<i>Adjacent Side Street Parking Changes in Character District:</i>									0
	Character District Totals:		37			20			-17	
Neighborhood Commercial Core	Garfield to 17th	0	4	4	0	2	2	0	-2	-2
	17th to 18th	16	12	28	13	12	25	-3	0	-3
	18th to 19th	8	9	17	6	11	17	-2	2	0
	19th to 20th	16	6	22	11	11	22	-5	5	0
	20th to 21st	12	6	18	9	9	18	-3	3	0
	21st to 22nd	10	3	13	9	9	18	-1	6	5
	<i>Adjacent Side Street Parking Changes in Character District:</i>									-13
Character District Totals:		102			102			-13		
Industrial to Commercial Transition	22nd to 23rd	4	8	12	6	10	16	2	2	4
	23rd to 24th	12	7	19	6	4	10	-6	-3	-9
	24th to 25th	9	9	18	8	5	13	-1	-4	-5
	25th to 26th	13	10	23	10	10	20	-3	0	-3
	26th to 27th	9	9	18	4	5	9	-5	-4	-9
	<i>Adjacent Side Street Parking Changes in Character District:</i>									-5
Character District Totals:		90			68			-27		
Light Industrial	27th to 28th	11	7	18	2	0	2	-9	-7	-16
	28th to 29th	12	6	18	9	0	9	-3	-6	-9
	29th to 30th	14	7	21	10	0	10	-4	-7	-11
	30th to 30 1/2	5	0	5	2	0	2	-3	0	-3
	30 1/2 to Carlton	8	3	11	0	0	0	-8	-3	-11
	<i>Adjacent Side Street Parking Changes in Character District:</i>									-4
Character District Totals:		73			23			-54		

* Parking supply count includes handicap stalls, drop-off, and loading zones; similar special use of parking stall will be maintained in the proposed condition.



Renderings of Current Layout – Character District 1



Renderings of Current Layout – Character District 3



Renderings of Current Layout – Character District 3





Questions or Comments?

