VAN AKEN DISTRICT CONNECTIONS PLAN

COMMUNITY MEETING #2
SEPTEMBER 29, 2016

7:00–7:30 Open House

7:30–8:15 Presentation

8:15–9:00 Open House

http://shakeronline.com/departments/planning/van-aken/a-connections-plan-for-the-van-aken-district

Agenda

7:00–7:30 Open House

7:30–8:15 Welcome/Introductions

Presentation

- Community Meeting #1 + Stakeholder Summary
- Green Infrastructure Overview
- Signage + Wayfinding
- Public Art
- Van Aken District Framework Plan

Next Steps

- City Planning Commission, 11/1/16
- City Council, mid-November (TBD)

8:15–9:00 Open House

02 COMMUNITY MEETING #1 SUMMARY

JUNE 20, 2016

VAN AKEN DISTRICT

Guiding vision:

- Create a vibrant, transit-oriented, mixed-use community for Shaker Heights

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- Identify strategies:
  - Promote walkability
  - Support bicycle travel
  - Integrate transit
  - Activate public/civic spaces
  - Seek to beautify the district
  - Engage development to create a vibrant, mixed-use environment

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- Create a vibrant, transit-oriented, mixed-use community for Shaker Heights

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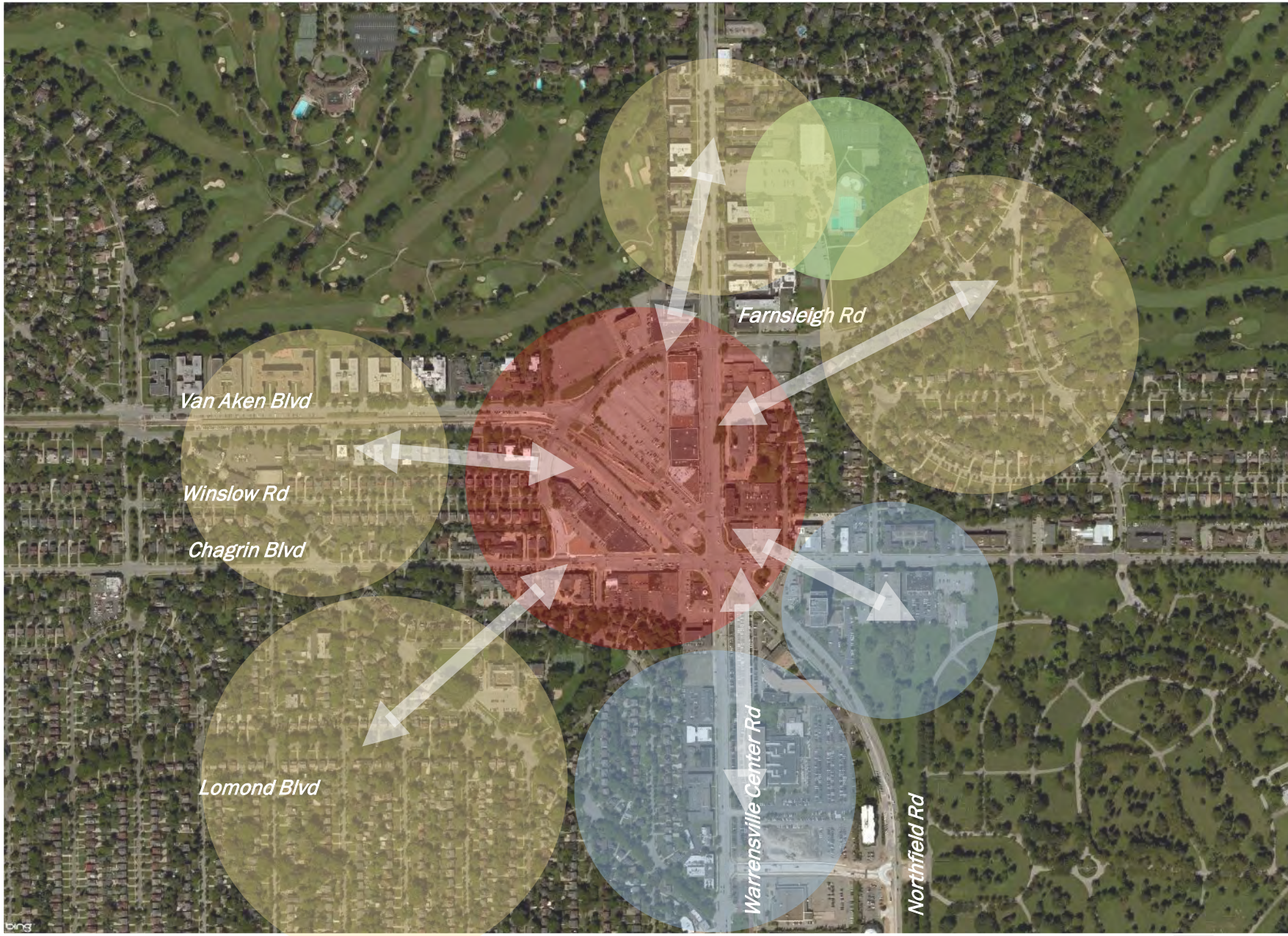
  - Promote walkability
  - Support bicycle travel
  - Integrate transit
  - Activate public/civic spaces
  - Seek to beautify district
  - Engage development to create a vibrant, mixed-use environment

- Identify gateways, wayfinding and signage

VAN AKEN DISTRICT
District-Wide Connections

- Mix of land uses
  - Retail/mixed use
  - Office
  - Residential neighborhoods
  - Recreation
- Multiple modes of travel to/from district
- Multiple routes used to/from district
- Numerous destinations



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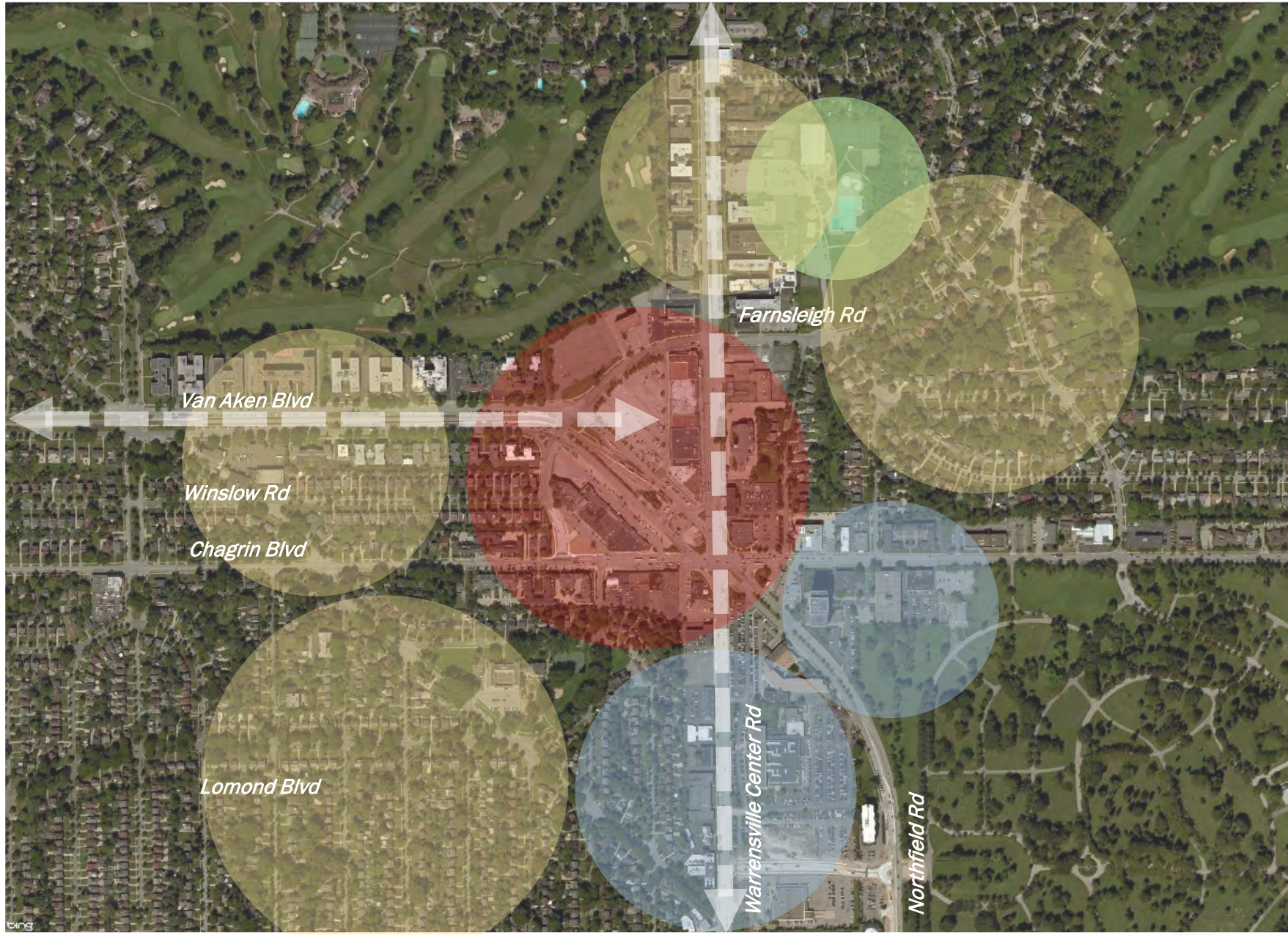

COMMUNITY MEETING #1
June 20, 2016

1. Getting to the District
   - Document bicycle/pedestrian routes, destinations, potential gateways

2. Bicycle Friendly Design
   - Comment on potential bicycle infrastructure
   - Location of preferred bicycle amenities

3. Shaker Mad Libs
   - What is important to you?

4. Creating a District
   - Dot vote on prioritizing elements – 1st, 2nd, 3rd priority
   - Dot vote on specific amenities

1

GETTING TO THE DISTRICT
(library)
Thornton
Farnsleigh Rd
Van Aken Blvd
hardware store, Subway
Winslow Rd
Walgreens, Global
Chagrin Blvd
Chagrin Blvd
Lomond Blvd
Warrensville Center Rd
Northfield Rd
Northfield Rd
P.O.
KEY
Gateway
Bike
Pedestrian
Destination
Home
Work
N
0' 250' 500' 1000'
SCALE: 1"=500'
SMITHGROUPJJR
WSP | PARSONS BRINCKERHOFF
STUDIO GRAPHIQUE
VAN AKEN

GETTING TO THE DISTRICT
Farnsleigh Rd
Van Aken Blvd
Winslow Rd
Chagrin Blvd
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GETTING TO THE DISTRICT
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Farnsleigh Rd
Van Aken Blvd
Winslow Rd
Chagrin Blvd
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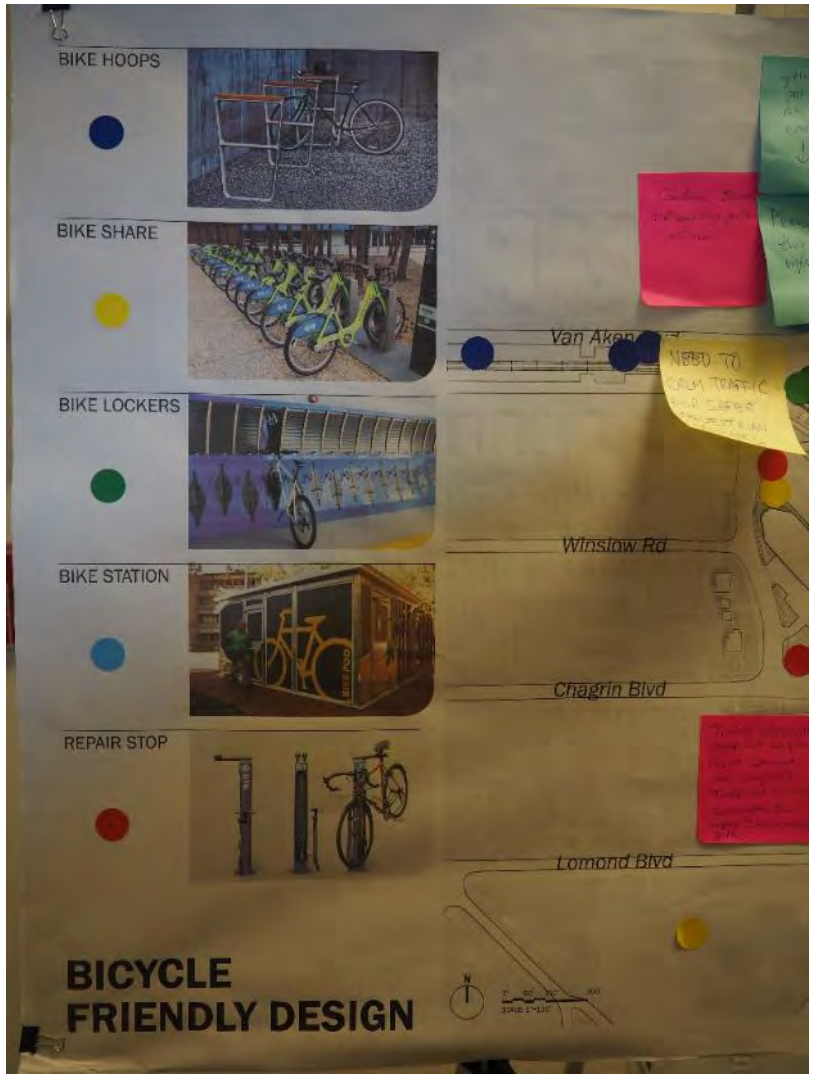
STUDIO GRAPHIQUE
VAN AKEN

2


BIKE HOOPS
BIKE SHARE
BIKE LOCKERS
BIKE STATION
REPAIR STOP
Van Aken
Winslow Rd
Chagrin Blvd
Lomond Blvd
BICYCLE
FRIENDLY DESIGN

BIKE HOOPS
BIKE SHARE
BIKE LOCKERS
BIKE STATION
REPAIR STOP
Van Aken
Winslow Rd
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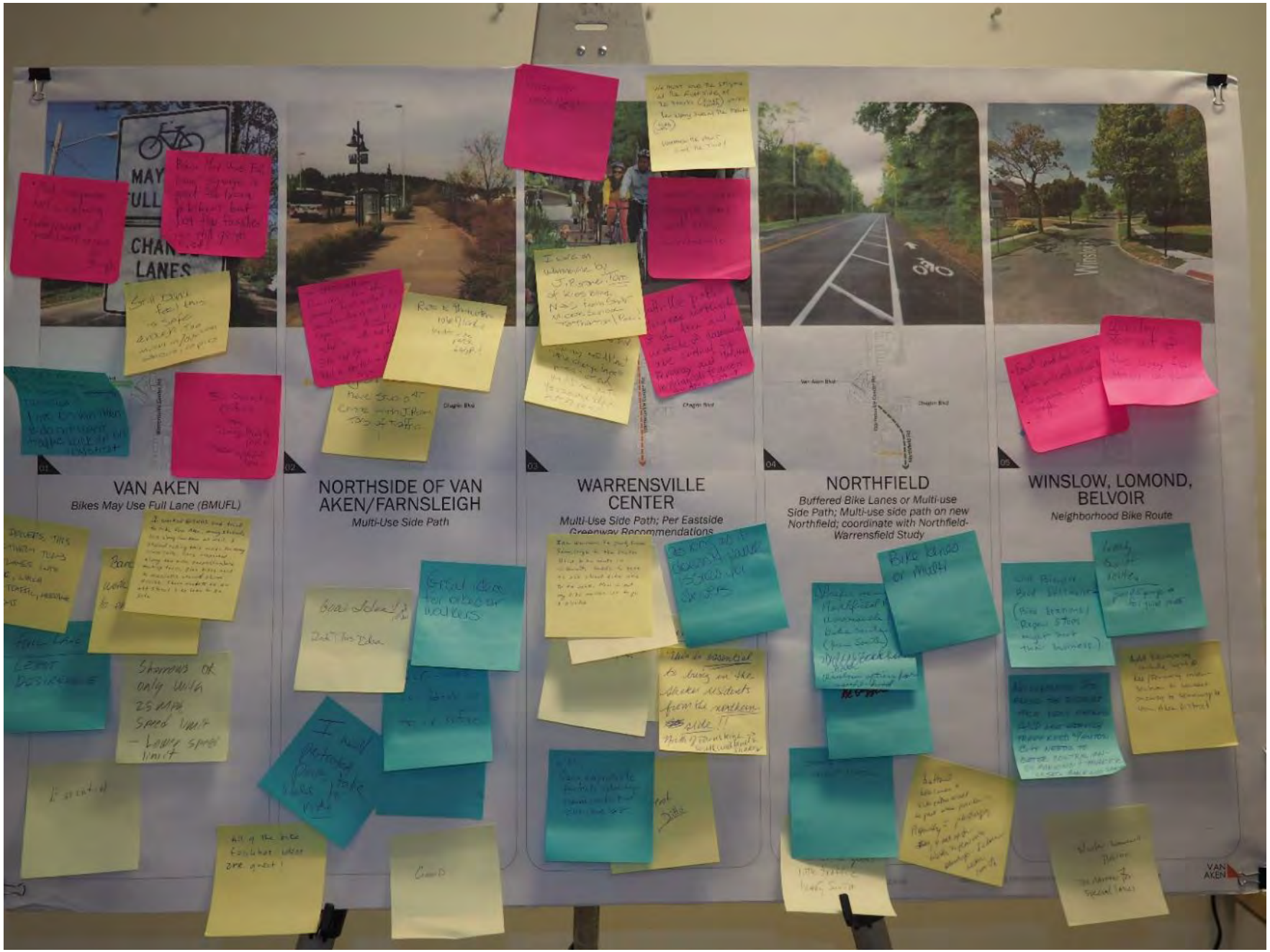
Lomond Blvd
Farnsleigh Rd
Belvoir Rd
Warrensville Center Rd
Northfield Rd
BICYCLE
FRIENDLY DESIGN

2


VAN AKEN
Bikes May Use Full Lane (BMUFL)
NORTHSIDE OF VAN AKEN/FARNSLEIGH
Multi-Use Side Path
WARRENSVILLE CENTER
Multi-Use Side Path; Per Eastside Greenway Recommendations
NORTHFIELD
Buffered Bike Lanes or Multi-use Side Path; Multi-use side path on new Northfield; coordinate with Northfield-Warrensfield Study
WINSLOW, LOMOND, BELVOIR
Neighborhood Bike Route

3

MAD LIBS™
van aken district connections plan

Shaker Heights Identity:
iconic art, trees/gardens…sense of clean funkiness, pet friendly

Making it a great place:
trees/gardens, unique shops… places to sit, eat ice cream, anything but parking

Feeling/atmosphere:
safe, welcoming, friendly, authentic…sense of history

Increasing walkability:
multi-use paths, wide sidewalks, safe crosswalks…water bottle filling station

Increasing bike access:
multi-use paths, bike lanes, bike racks + stations…security, lighting

Excited for:
eating and drinking…local businesses, affordable office space

4

LIGHTING
SIGNAGE
FURNISHINGS
Christmas Story House
Clark Field
Lincoln Park
CREATING A DISTRICT

4

LIGHTING

Contemporary as opposed to traditional or modern; pedestrian scale

SIGNAGE

Clear messaging and wayfinding; not just identity

FURNISHINGS

Flexibility and mixture of materials; contemporary

CREATING A DISTRICT: *PREFERENCES*

4

HARDSCAPE

Mixture of materials and colors that clearly define space; durable

LANDSCAPE

Street trees/planting beds that provide shade; separate pedestrian from street

ART

Wide range of options with emphasis on interactive elements

CREATING A DISTRICT: *PREFERENCES*

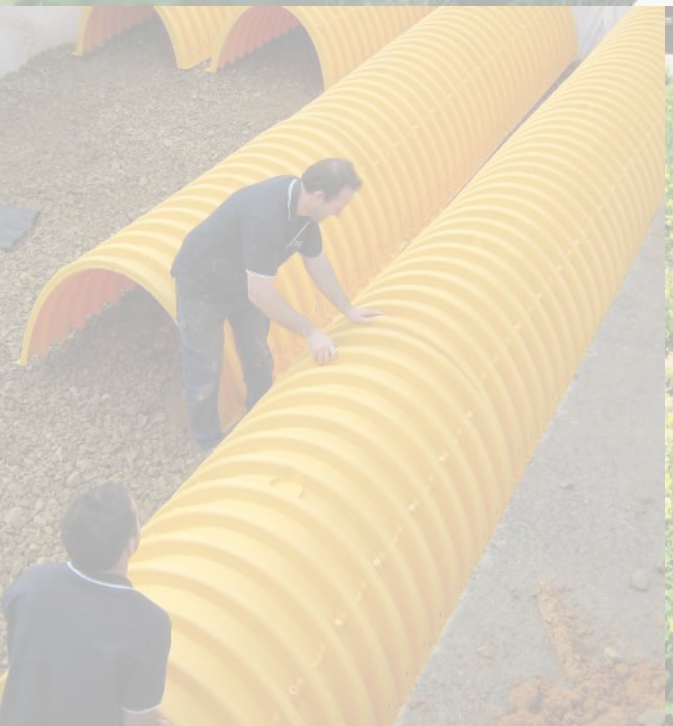
4

CREATING A DISTRICT: *PRIORITIES*

4

CREATING A DISTRICT: *PRIORITIES*

03 *GREEN INFRASTRUCTURE*



What is Green Infrastructure?

Green Infrastructure is a flexible term, and it has been used differently in different contexts . . . The EPA intends the term to generally refer to . . .

*Practices that use or mimic natural processes to **infiltrate, evapotranspirate, or reuse. . . runoff** on the site where it is generated.*

Source: US EPA

Find the Sweet Spot for the Greatest Benefit

	Event	Rainfall	Avg. Annual Rainfall Managed
Water Quality	first flush	0.5	76.69%
		1.03	93.73%
		1.2	95.82%
		1.31	96.78%
		1.51	97.96%
		1.72	98.71%
	2-year	1.87	99.07%
Flood Risk	5-year	2.26	99.57%
	10-year	2.75	99.81%
	15-year	3.13	99.90%
	25-year	3.6	99.96%
	50-year	3.98	99.98%
	100-year	4.36	99.99%
	>100-year	> 4.36	100.00%

Tools: Infiltration Planters

Miller Road Rain Gardens
Ann Arbor, MI

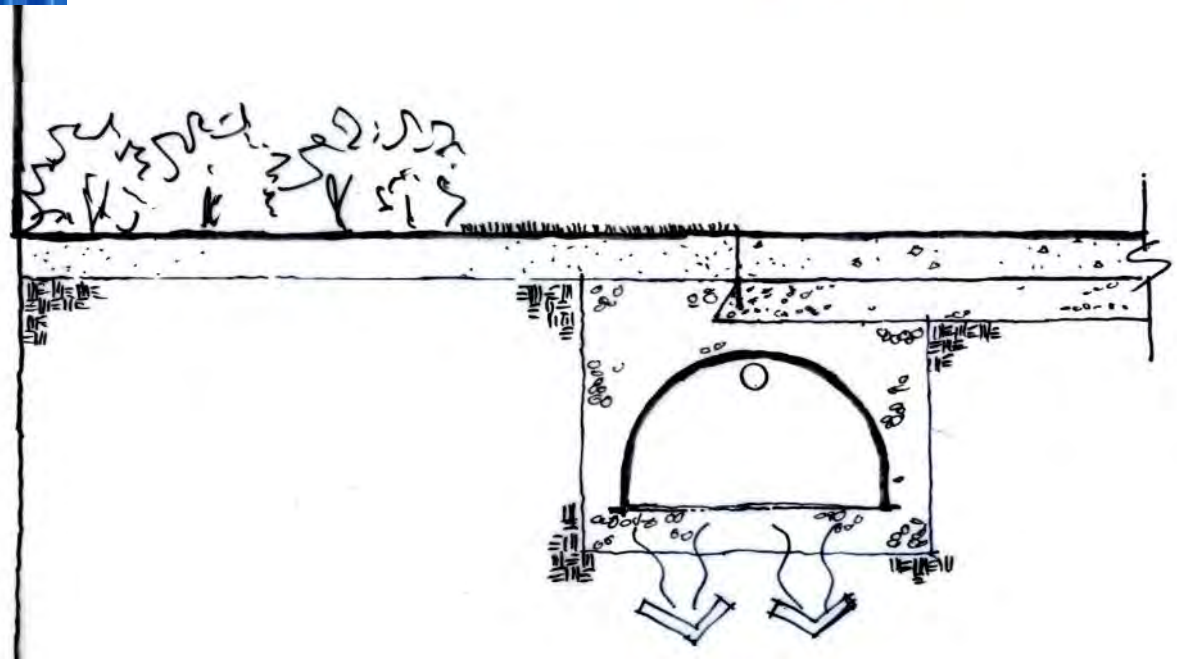
Portland State University
Portland, OR

Tools: Infiltration Planters

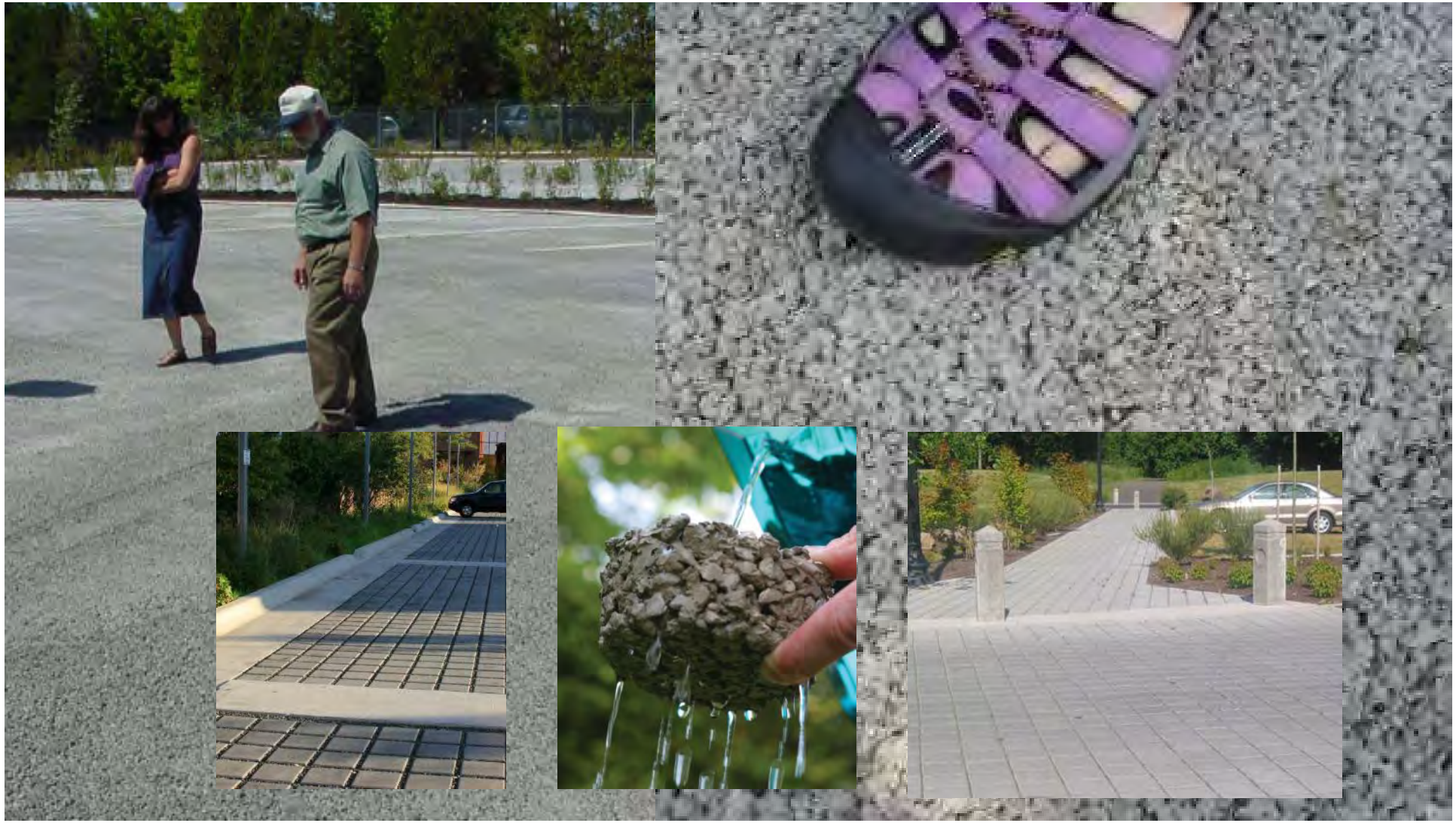
State Street Parking Lot,
Battle Creek, MI

Tools: Infiltration Chambers

Infiltration chambers can add additional detention capabilities in very urban conditions.

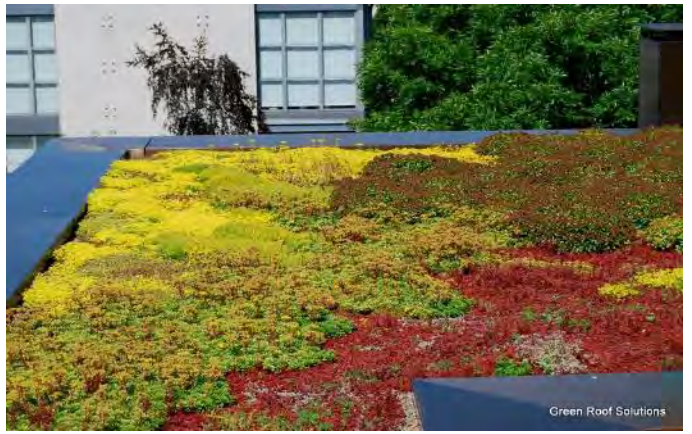


Tools: Porous Pavement



Tools: Green Roofs

Green Roofs have been used in Europe for over 25 years to control runoff volume, improve air and water quality, and promote energy conservation. **Green roofs are particularly effective in highly impervious cities and other urbanized areas** in controlling runoff at the source. In the United States, and particularly in the mid-west, green roofs are becoming more widely used. Chicago requires green roofs on any project receiving public assistance, and the Ford Rouge Plant is one of the biggest green roof applications in the world.

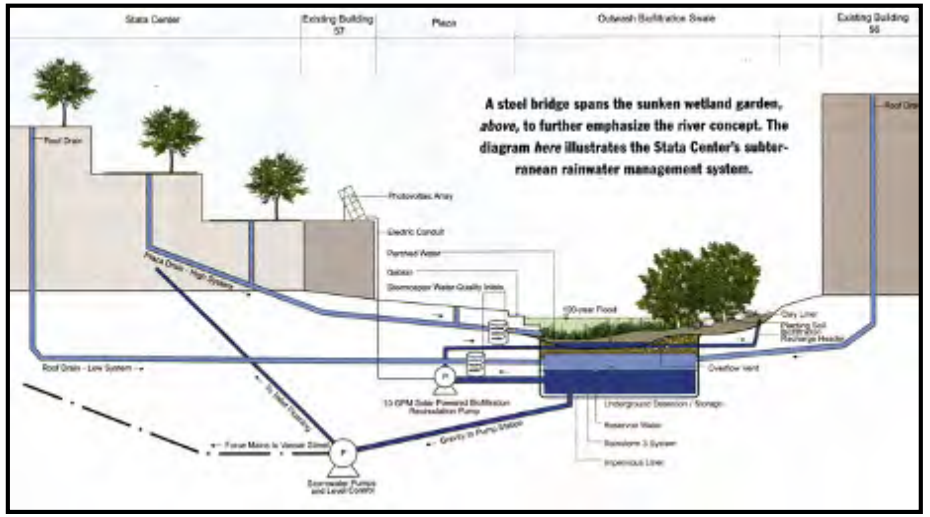


In a recent study at MSU, a green roof with 1.5” of plant medium intercepted 70% of the rain that fell on it over a 14 month period.

Green Roof Stormwater Retention;
Journal of Environmental Quality.

Tools: Rainwater Harvesting

Office Scale



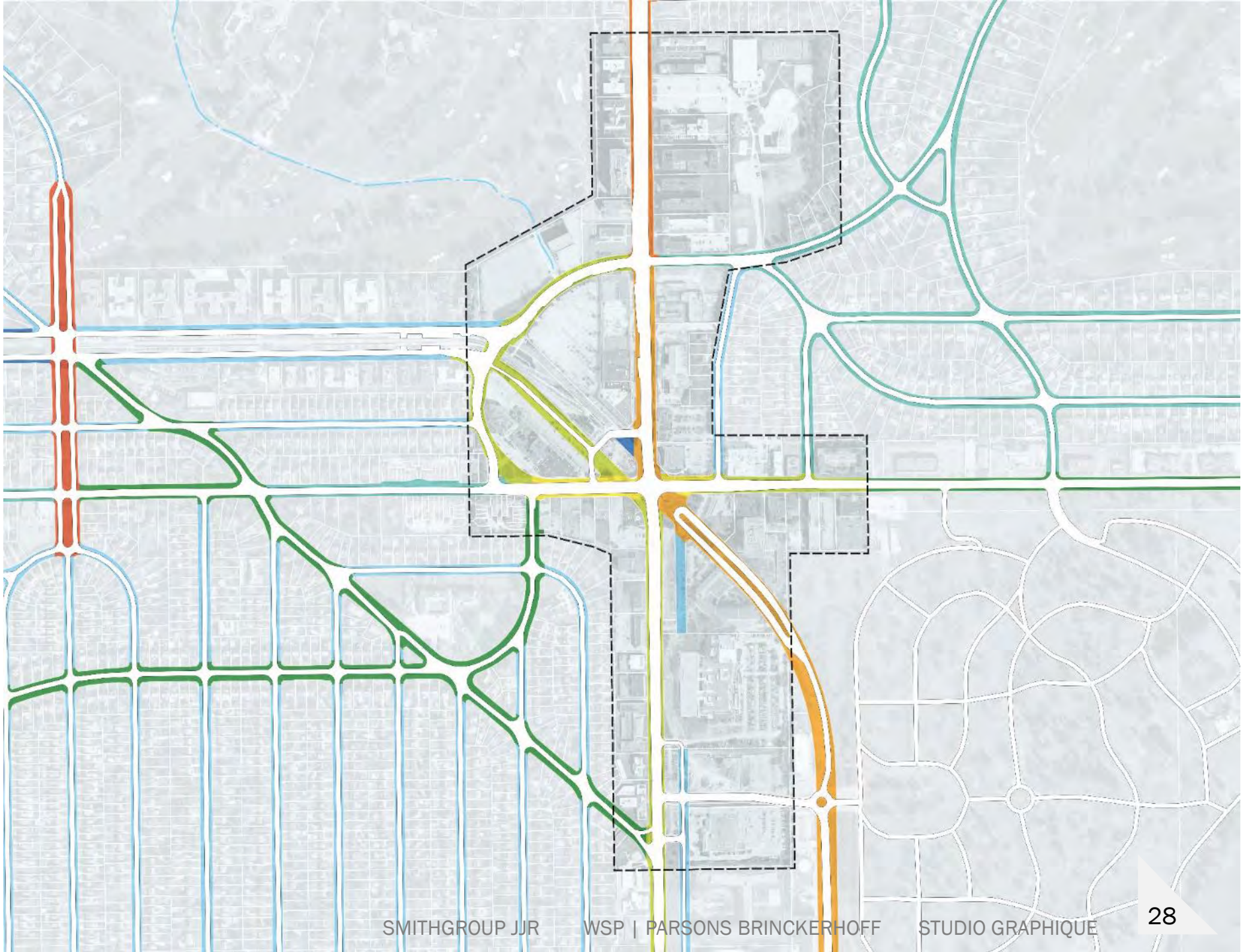
District Scale

Residential Scale

Opportunities for Green Infrastructure

RIGHT OF WAY

- Varied ROW widths, generally correspond with traffic volume
- Vehicles utilize a majority of existing ROW
- Colored areas show what remains outside of roadways



Farnsleigh Rd.

Consider potential to extend beyond ROW

Transit Drive

Warrensville Center Rd. – north of Chagrin

Consider potential to retrofit

Warrensville Center Rd. – south of Chagrin

Consider potential to extend beyond ROW

Chagrin Blvd

Consider potential to retrofit

03 *PUBLIC ART*

VAN AKEN DISTRICT: PUBLIC ART
Endless Opportunities: Sculpture

VAN AKEN DISTRICT: PUBLIC ART
Endless Opportunities: Murals

VAN AKEN DISTRICT: PUBLIC ART

Endless Opportunities: Water

VAN AKEN DISTRICT: PUBLIC ART

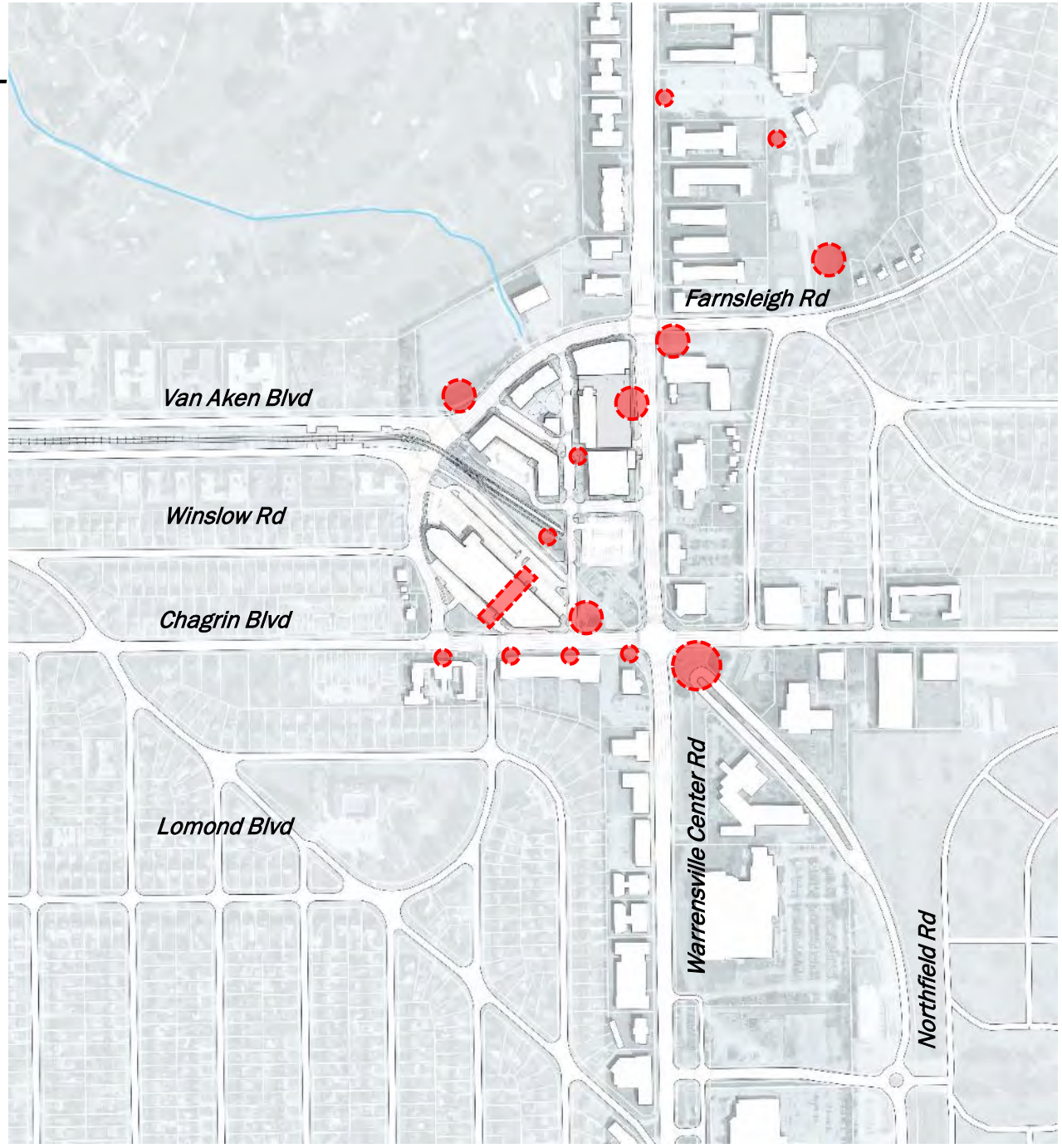
Endless Opportunities: Light

VAN AKEN DISTRICT: PUBLIC ART

Endless Opportunities: Interactive

VAN AKEN DISTRICT: PUBLIC ART
Potential Locations

- Permanent + Temporary
- Ephemeral/Changing
- Pop up
- Surprise + Delight



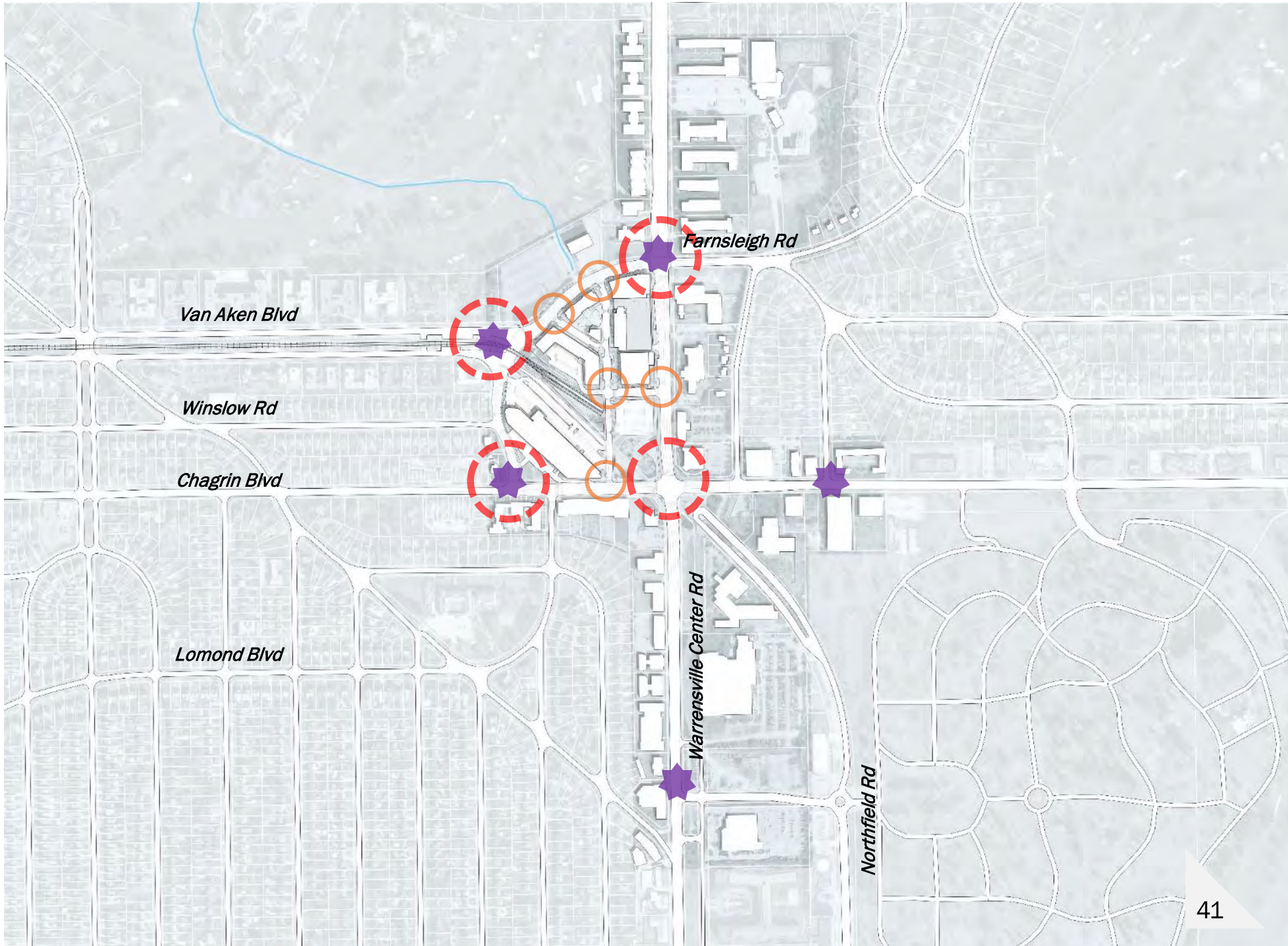
04 *SIGNAGE + WAYFINDING*

VAN AKEN DISTRICT SIGNAGE

Primary Decision Point

Secondary Decision Point

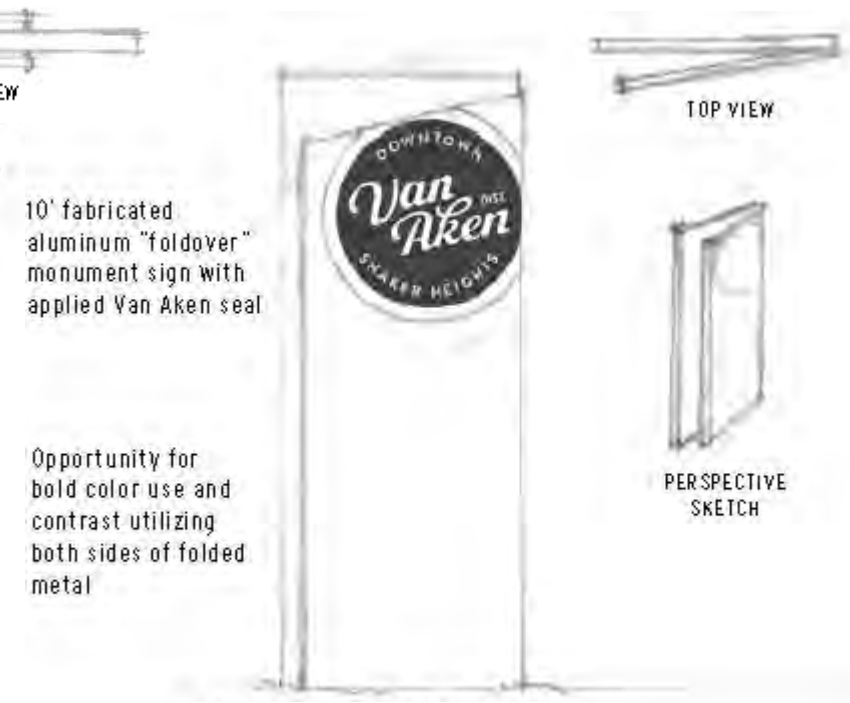
District Gateway



Gateway Sign Concepts

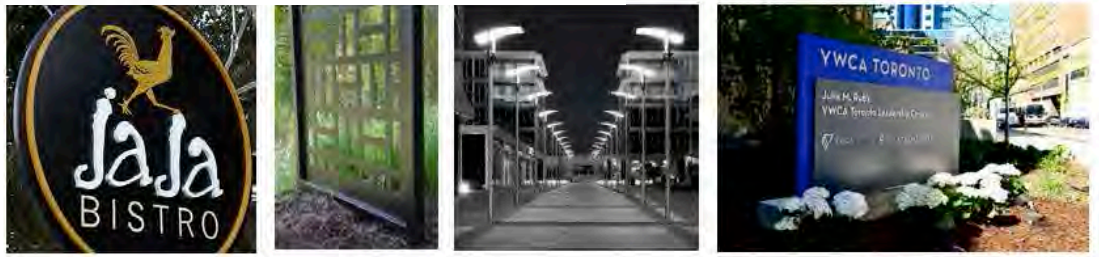
Concept A

Concept B



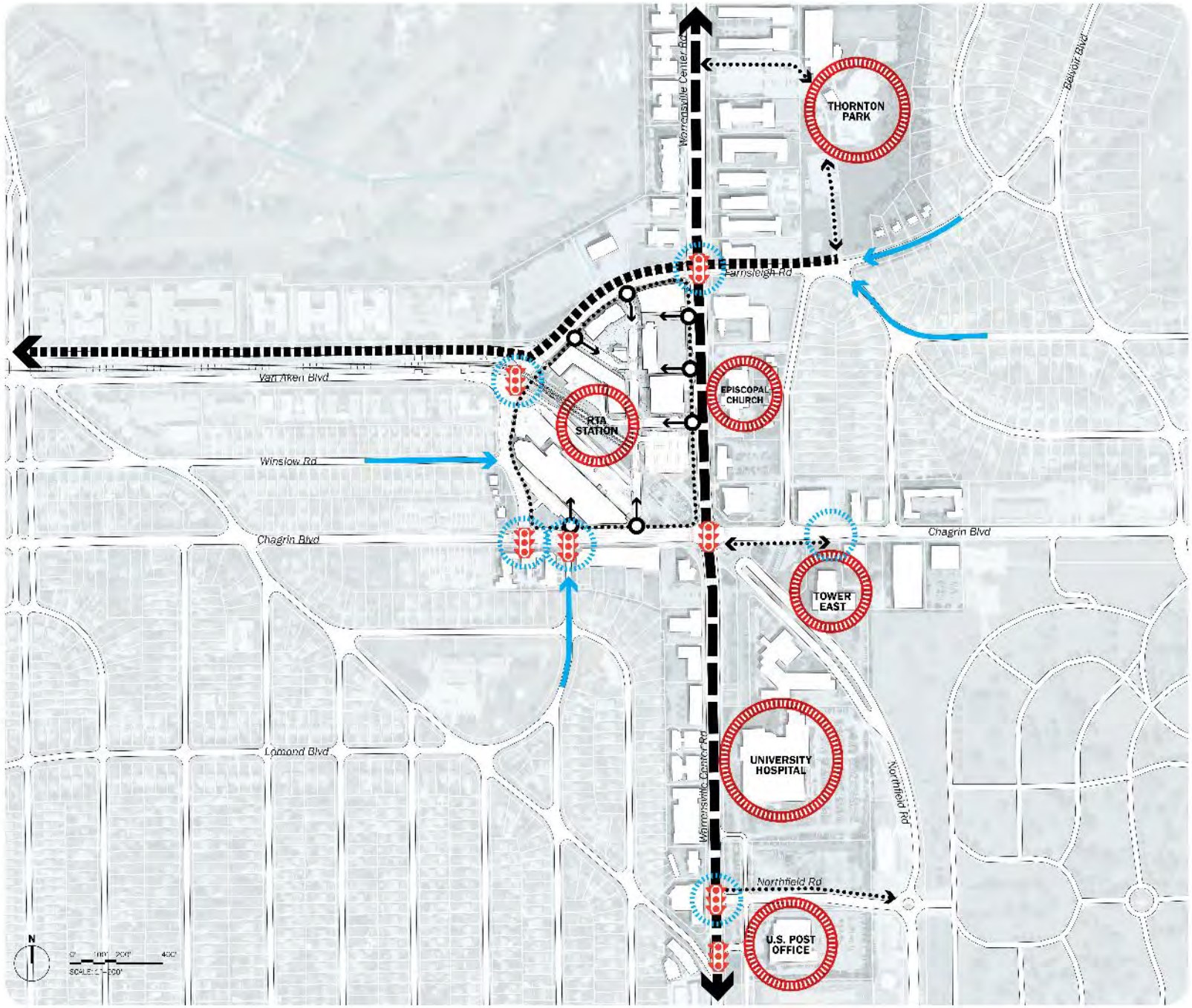
Concept C

COLOR PALATTE



05 *VAN AKEN DISTRICT FRAMEWORK PLAN*

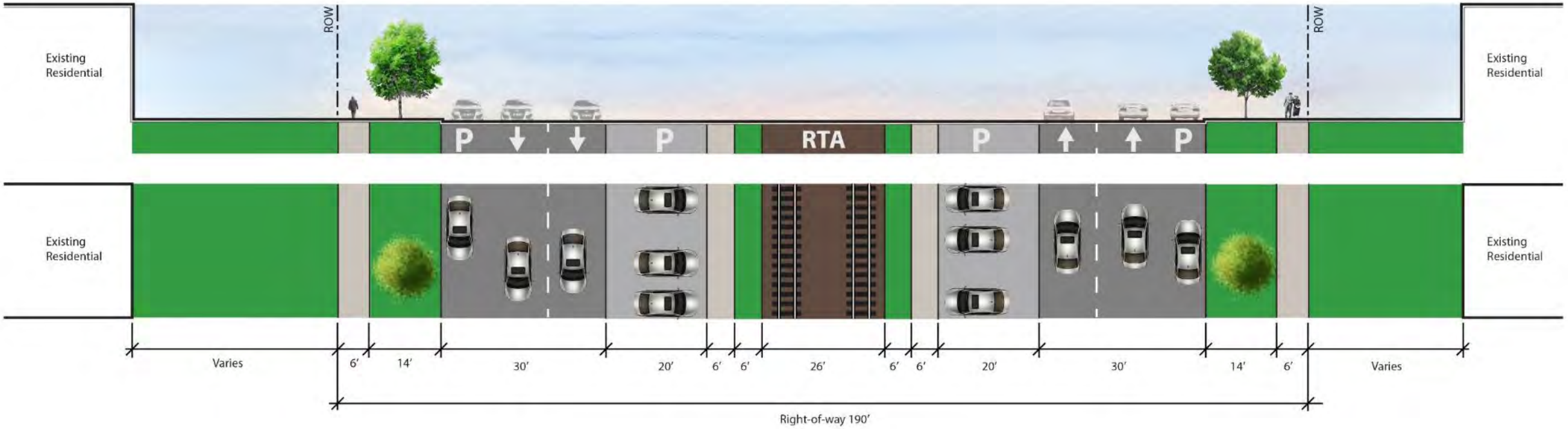
VAN AKEN DISTRICT CONNECTIONS FRAMEWORK PLAN



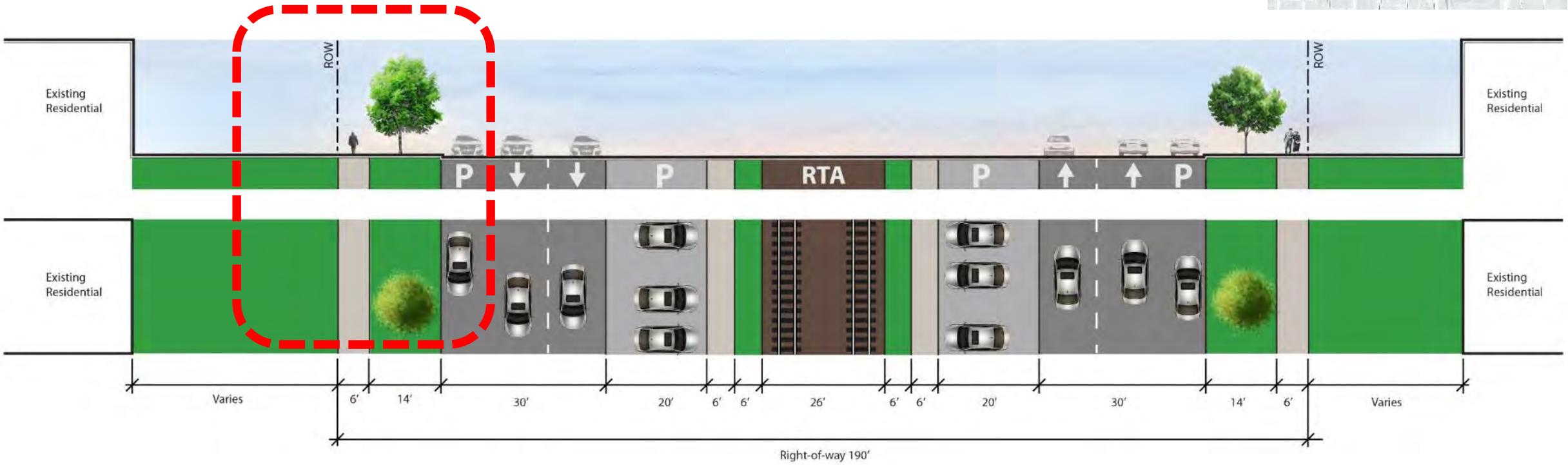
KEY

- Community Anchor
- Gateway
- Traffic Light
- Multi-Purpose Path
- Multi-purpose Path
- Sidewalk
- Community Collector

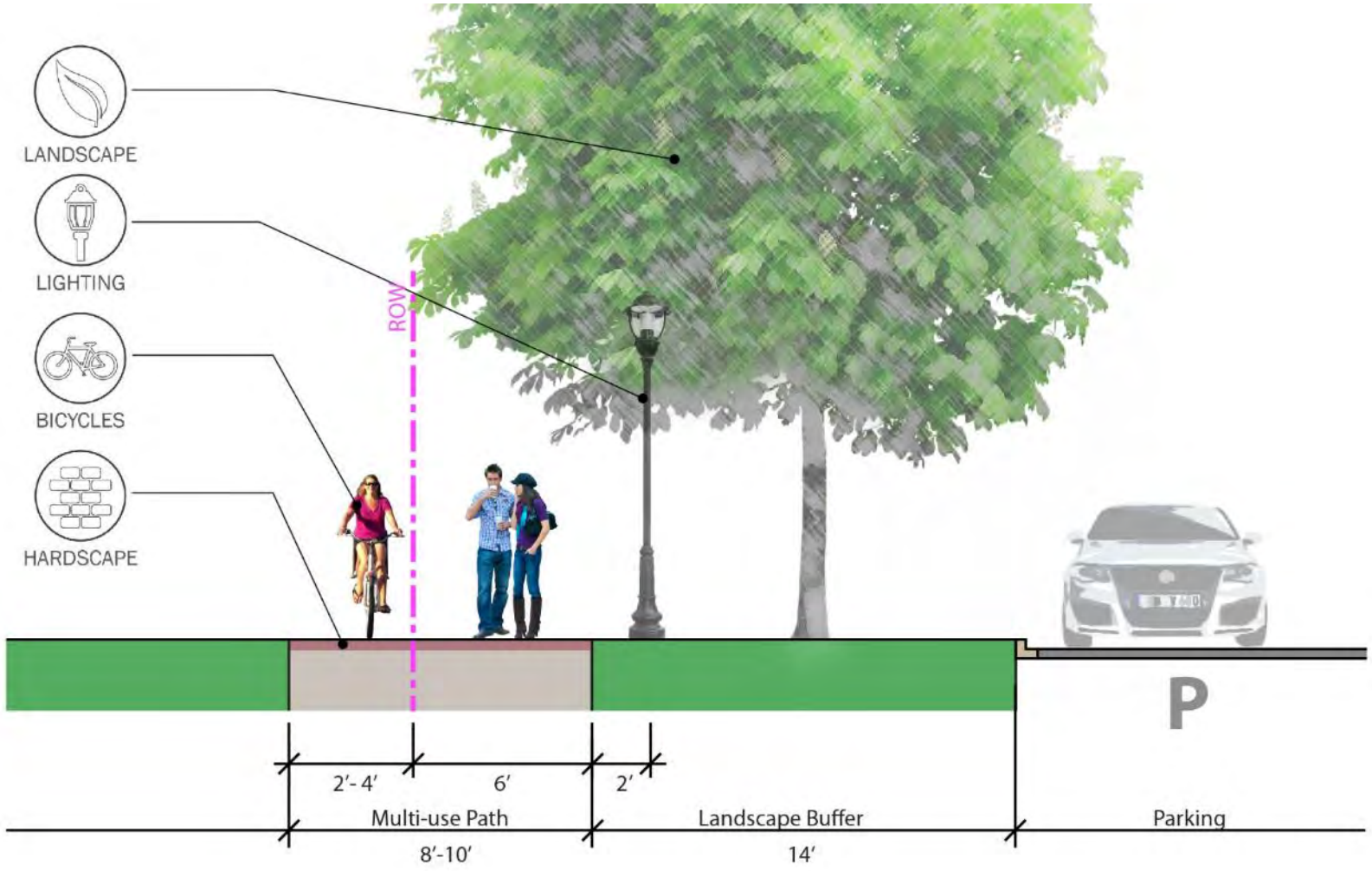
VAN AKEN BLVD
Existing Conditions
(looking east)



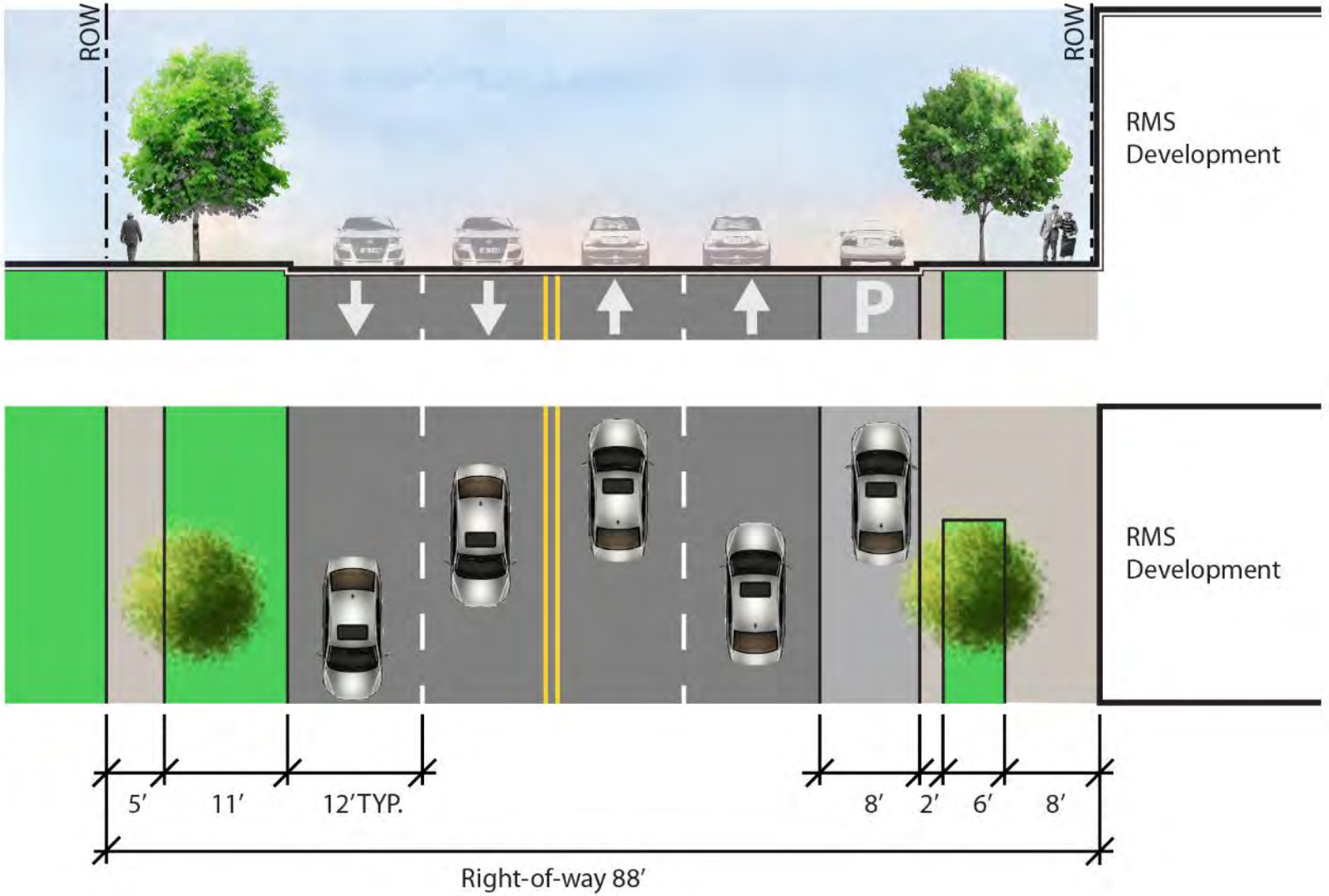
VAN AKEN BLVD
Existing Conditions
(looking east)



VAN AKEN BLVD
Proposed
(looking east)



FARNSLEIGH RD
Existing Conditions
(looking northeast)



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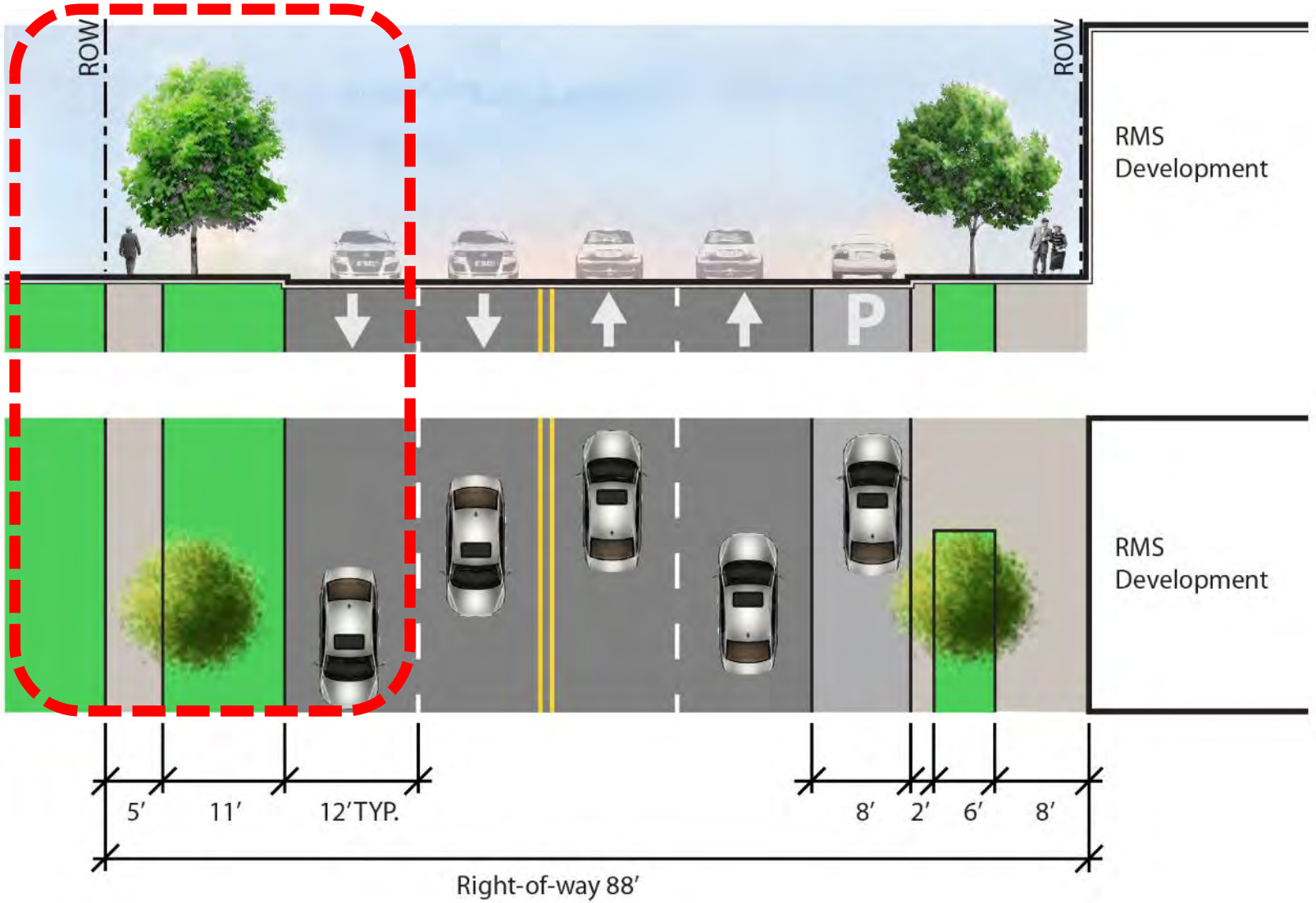
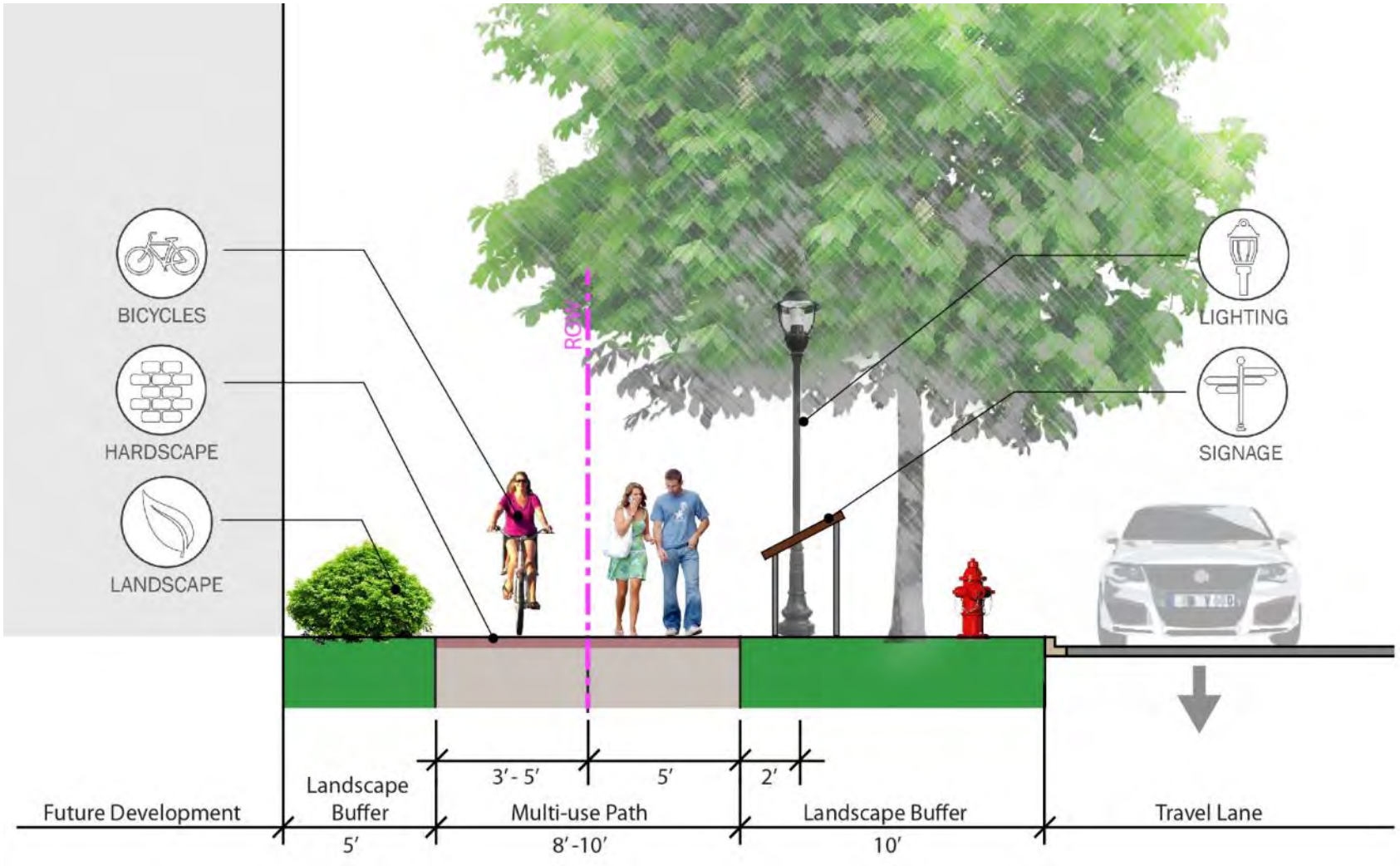


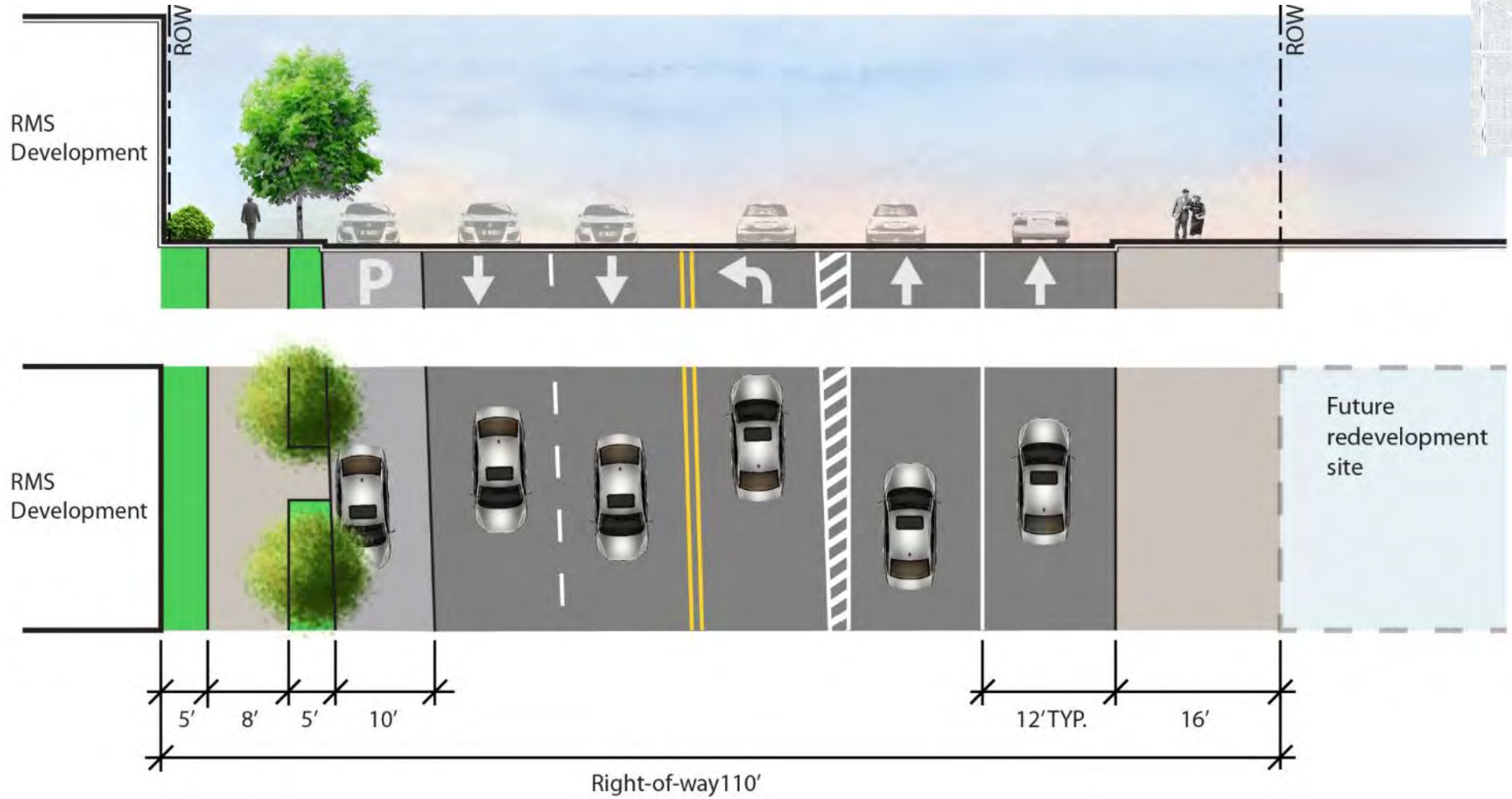
FARNSLEIGH RD
Proposed
(looking northeast)



WARRENSVILLE CENTER RD (NORTH)

Existing Conditions

(looking north)



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Existing Conditions

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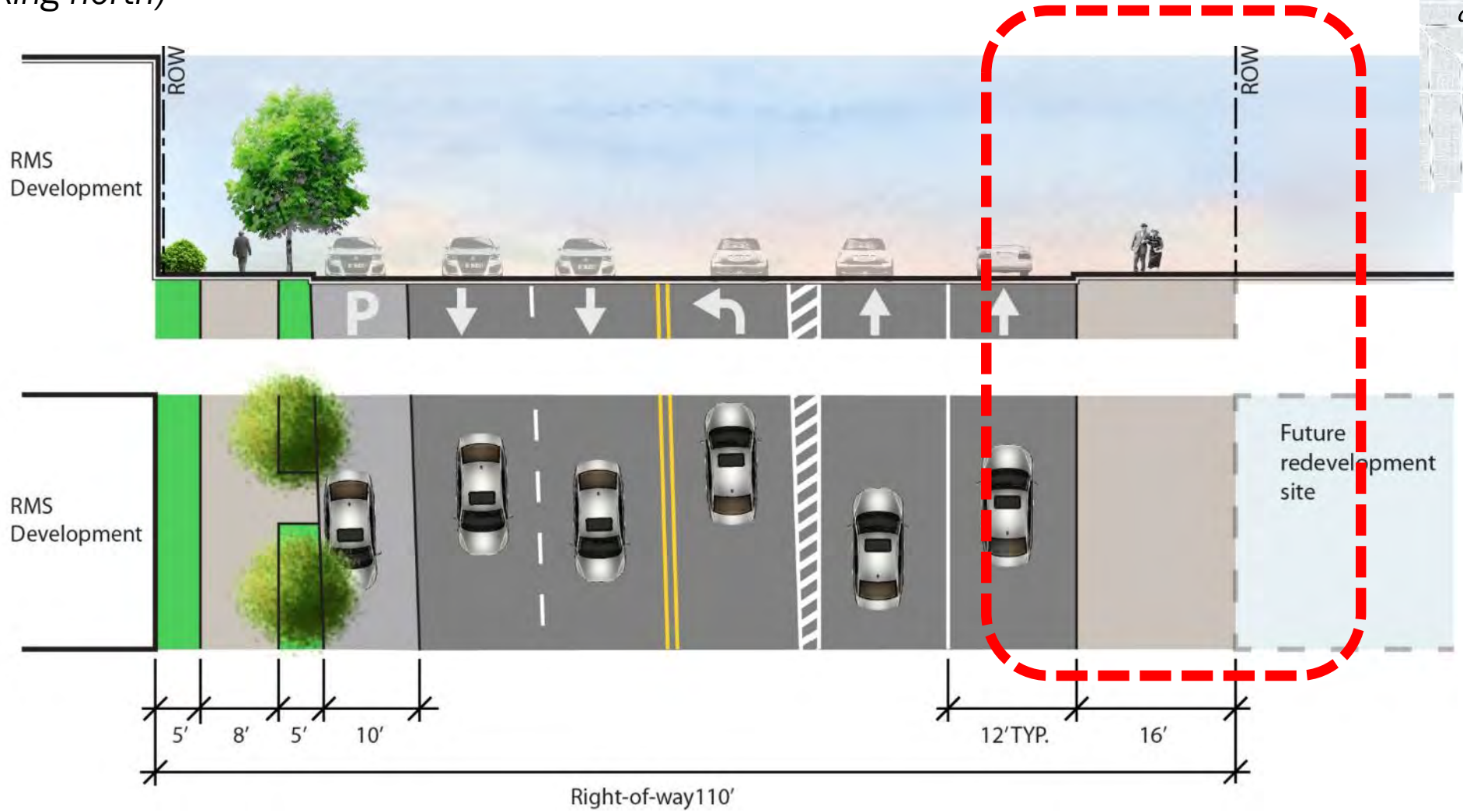
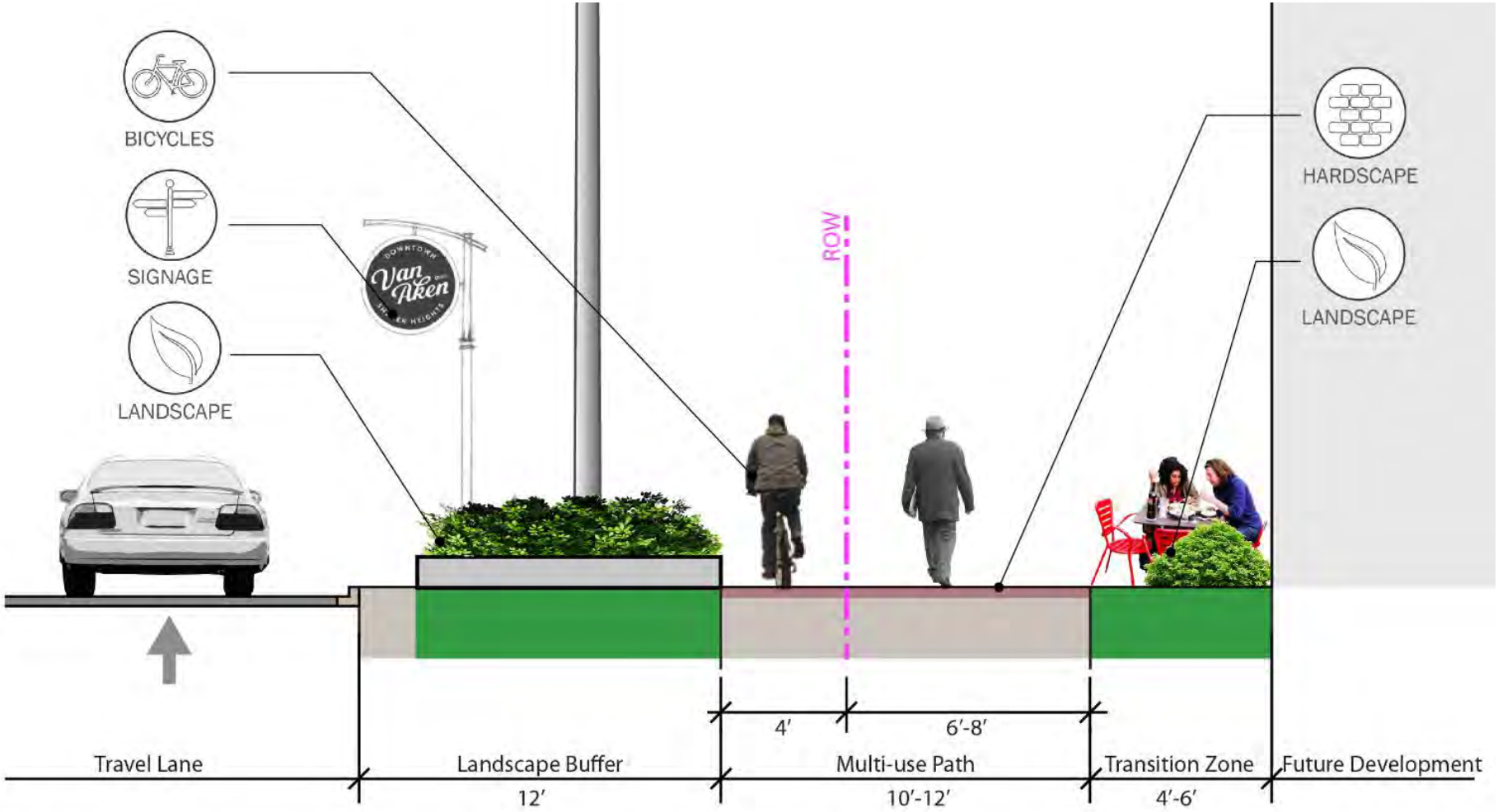


WARRENSVILLE CENTER RD (NORTH)

Proposed

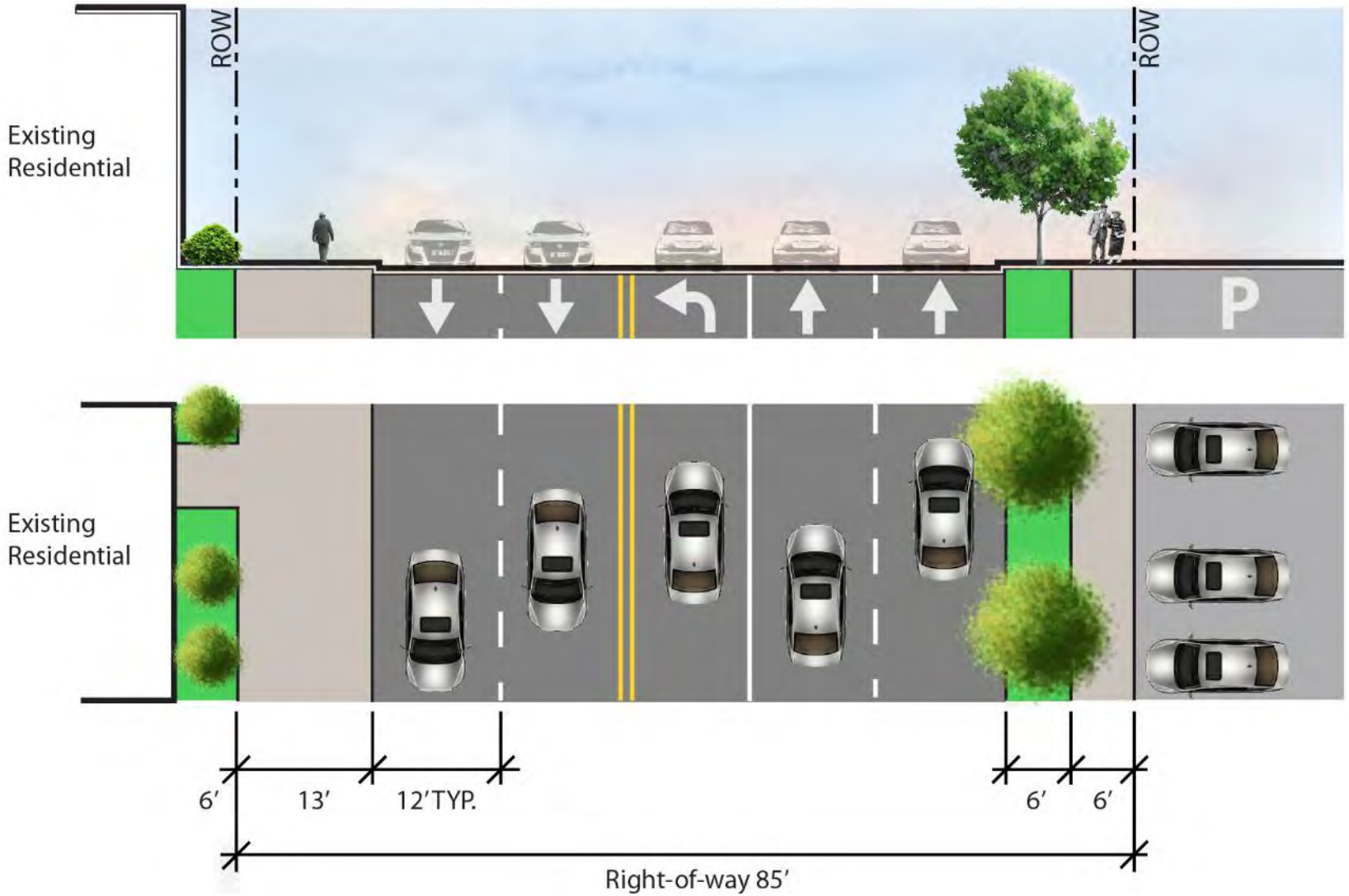
(looking north)



WARRENSVILLE CENTER RD (SOUTH)

Existing Conditions

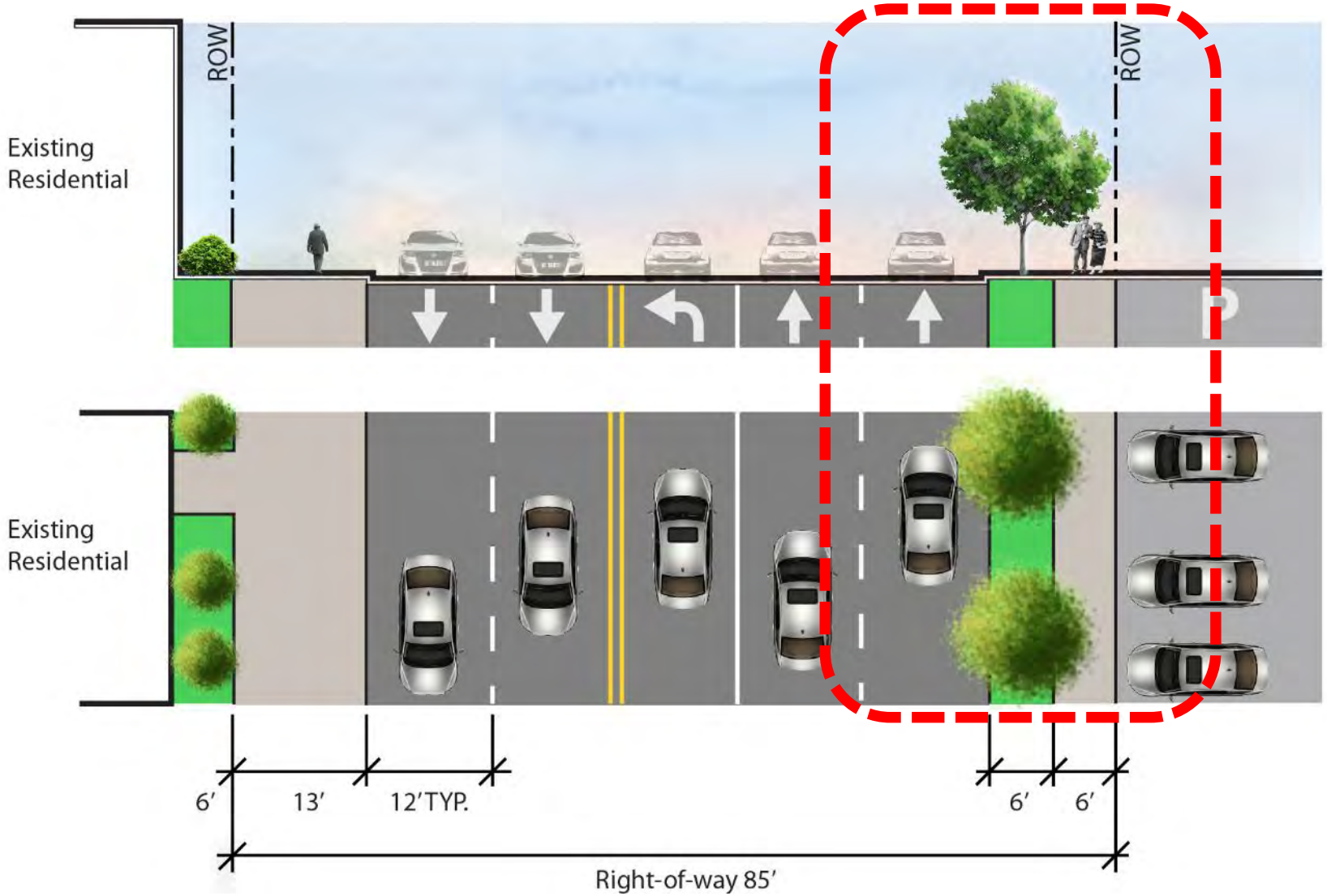
(looking north)



WARRENSVILLE CENTER RD (SOUTH)

Existing Conditions

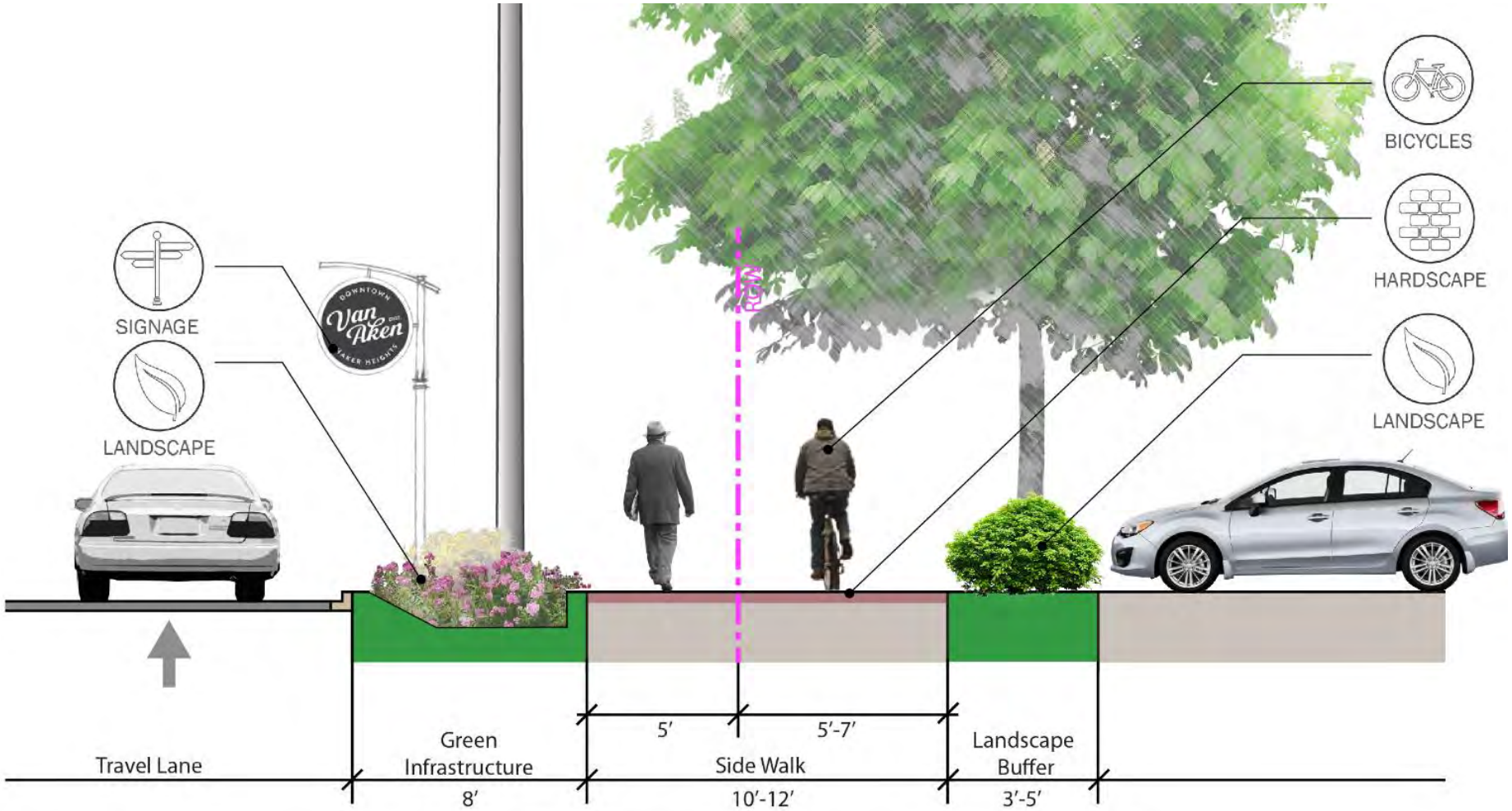
(looking north)



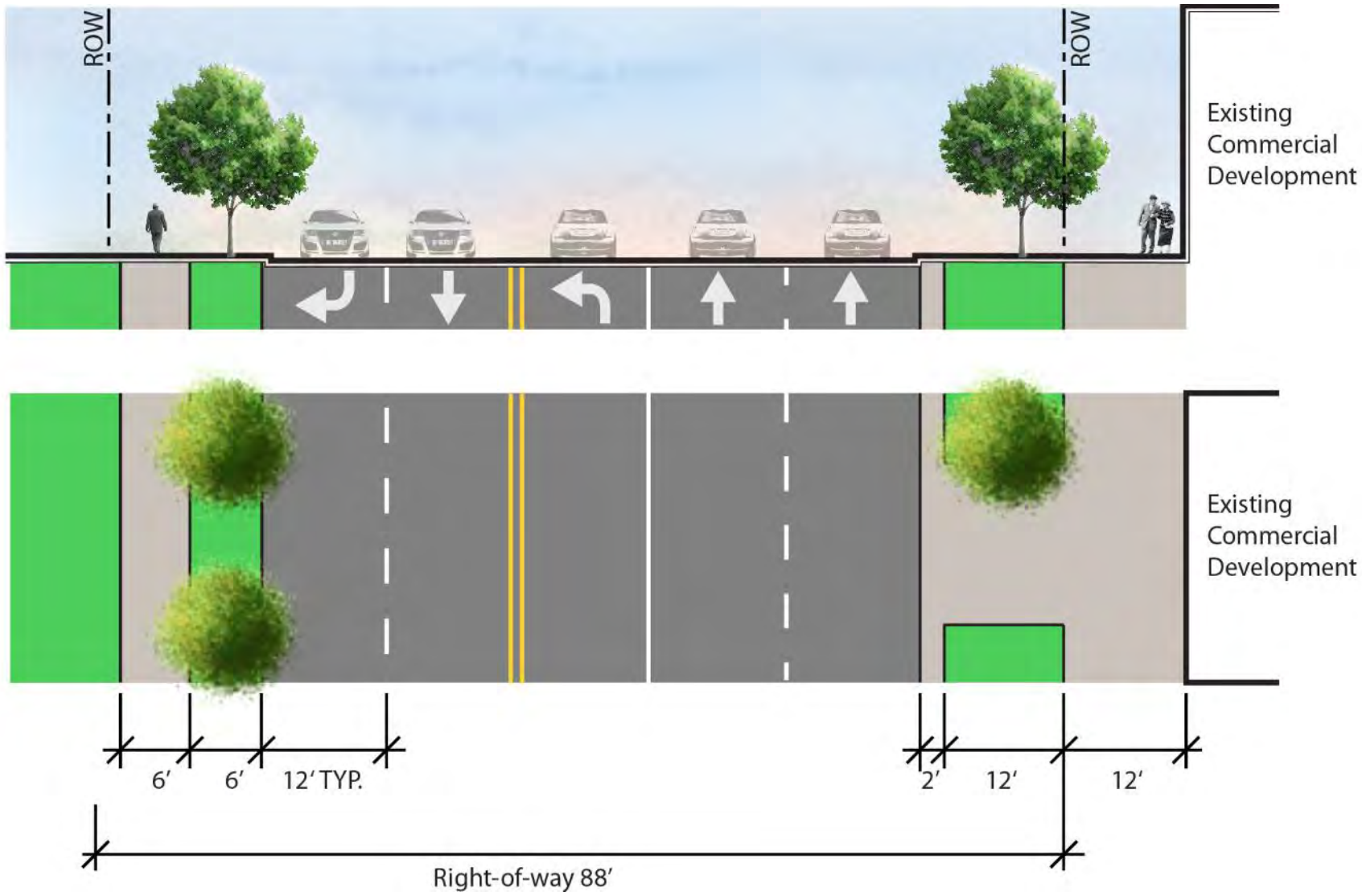
WARRENSVILLE CENTER RD (SOUTH)

Proposed

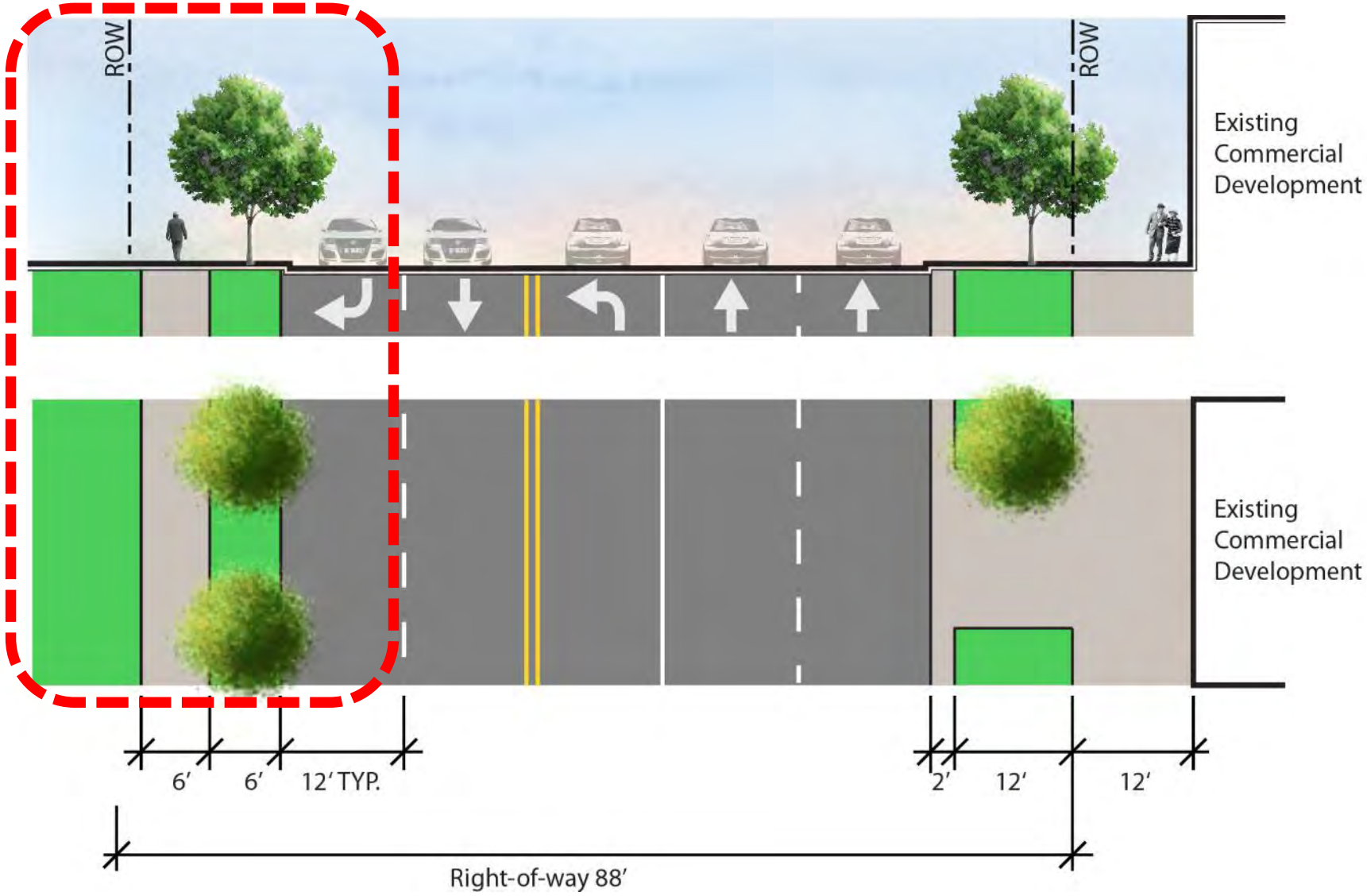
(looking north)



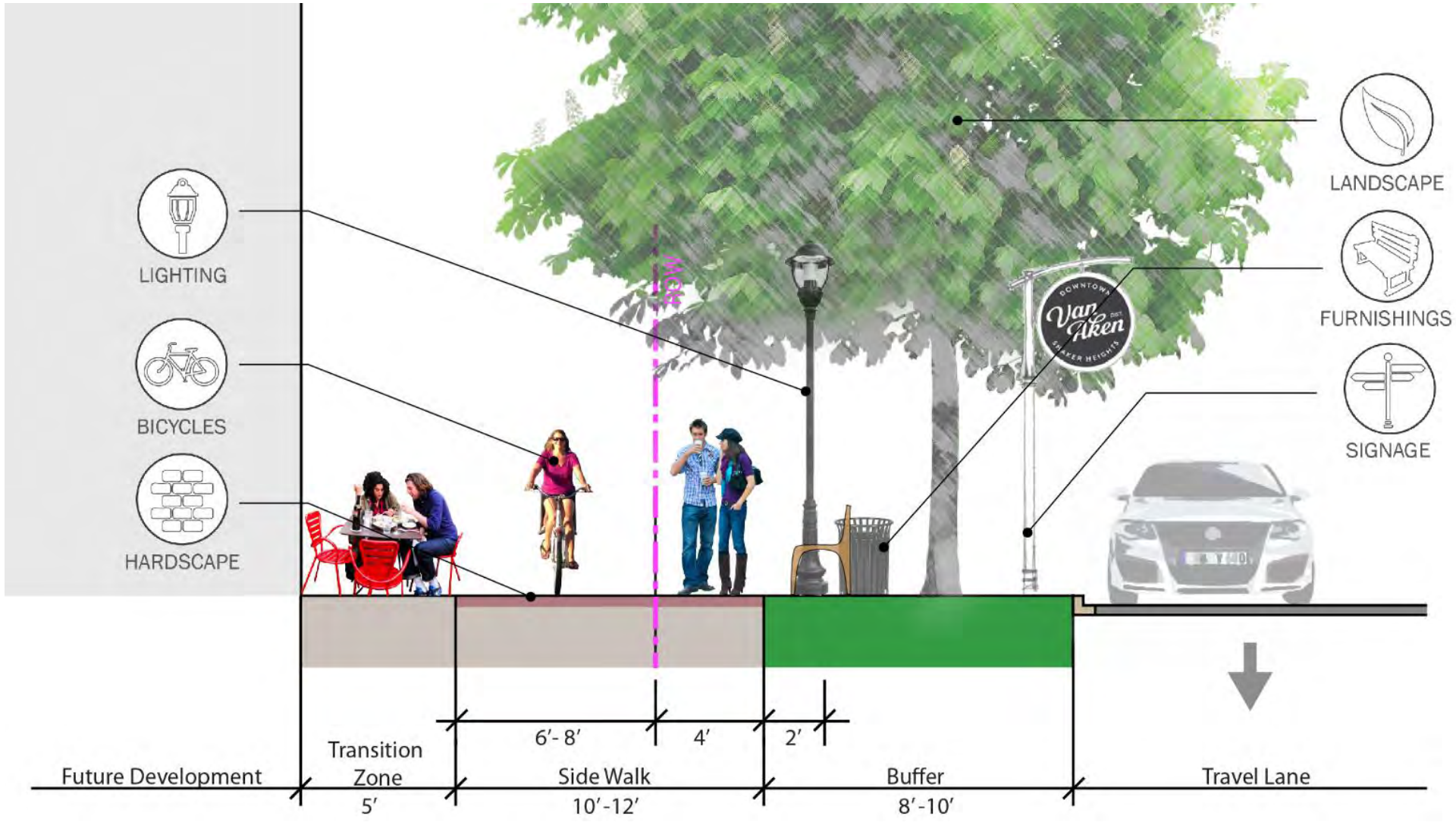
CHAGRIN BLVD
Existing Conditions
(looking east)



CHAGRIN BLVD
Existing Conditions
(looking east)



CHAGRIN BLVD
Proposed
(looking east)



06 *PATTERN BOOK*

Green Infrastructure

DESCRIPTION & INTENT

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USE & APPLICATION

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cost considerations

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design guidelines

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- DEsit aut magniendant quatur, odigenihicto et omnist porrovit quam, quiscimil eos simenet minverovid
- Exerum nuscid ut et occus aute derspel libusam andandus et fuga.
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- Int ex exero blaboru mquissincit am
- aut qui sus is aut laborerorem rendan[illegible]m este natibus eossequiatio
- linumquam fuga. Ut eribus mint, quamus.
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- Gdia el militat [illegible]tiis ma[illegible]most ru[illegible]m reiume[illegible]t q[illegible], od[illegible] [illegible]t ex[illegible]tia aut a[illegible]nderibus aut eturem[illegible]e volupt[illegible]urias ditenihicti [illegible]tati[illegible] si te[illegible]sundandae qui sim q[illegible]emqui co[illegible]quam abo.

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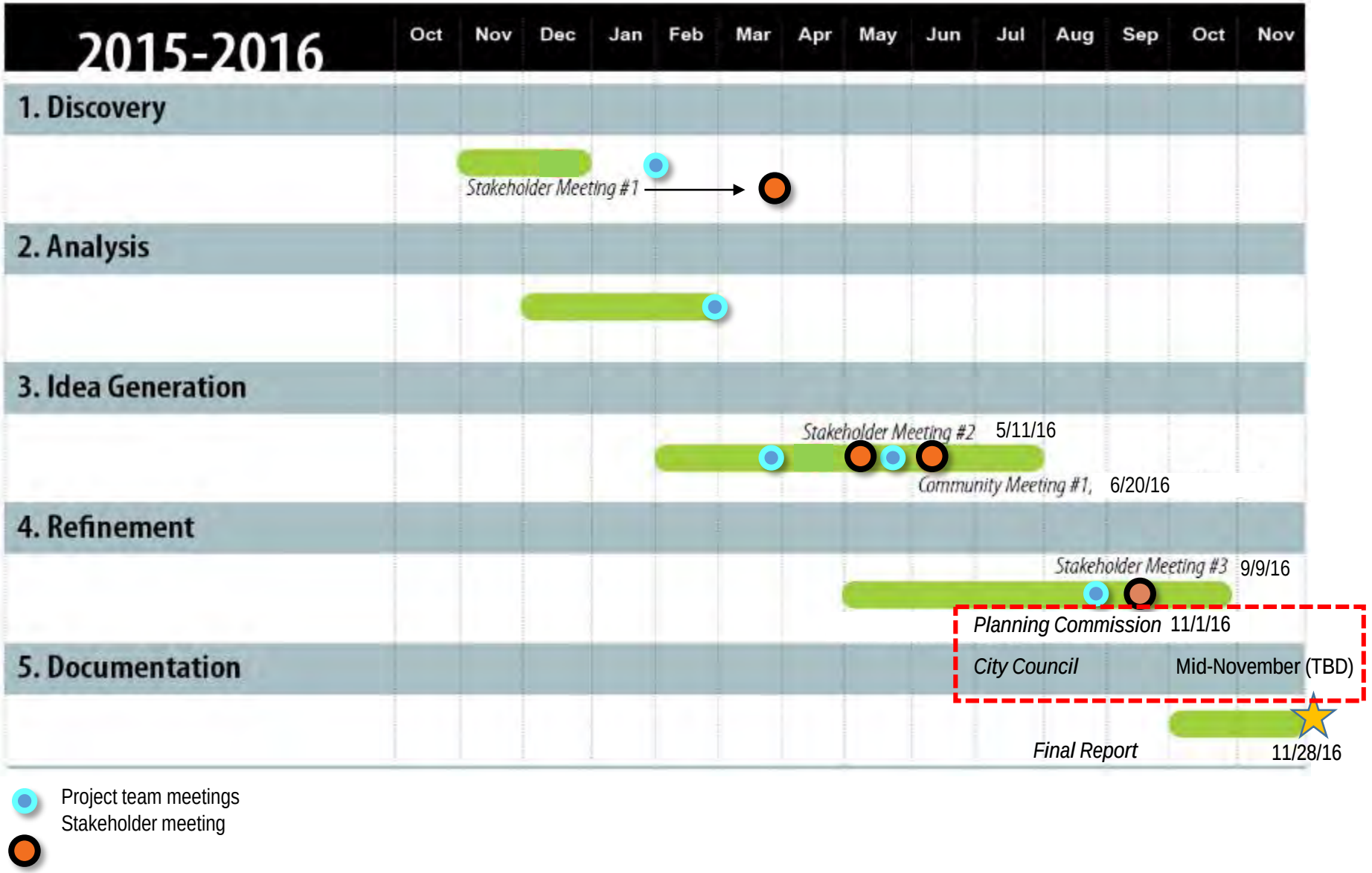
DRAFT

06 *NEXT STEPS*

SCHEDULE


2015-2016
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
1. Discovery
Stakeholder Meeting #1
2. Analysis
3. Idea Generation
Stakeholder Meeting #2 5/11/16
Community Meeting #1, 6/20/16
4. Refinement
Stakeholder Meeting #3 9/9/16
Planning Commission 11/1/16
City Council Mid-November (TBD)
5. Documentation
Final Report
11/28/16
Project team meetings
Stakeholder meeting

VAN AKEN DISTRICT CONNECTIONS PLAN

COMMUNITY MEETING #2
SEPTEMBER 29, 2016

7:00–7:30 Open House

7:30–8:15 Presentation

8:15–9:00 Open House

http://shakeronline.com/departments/planning/van-aken/a-connections-plan-for-the-van-aken-district