

11.08.2018

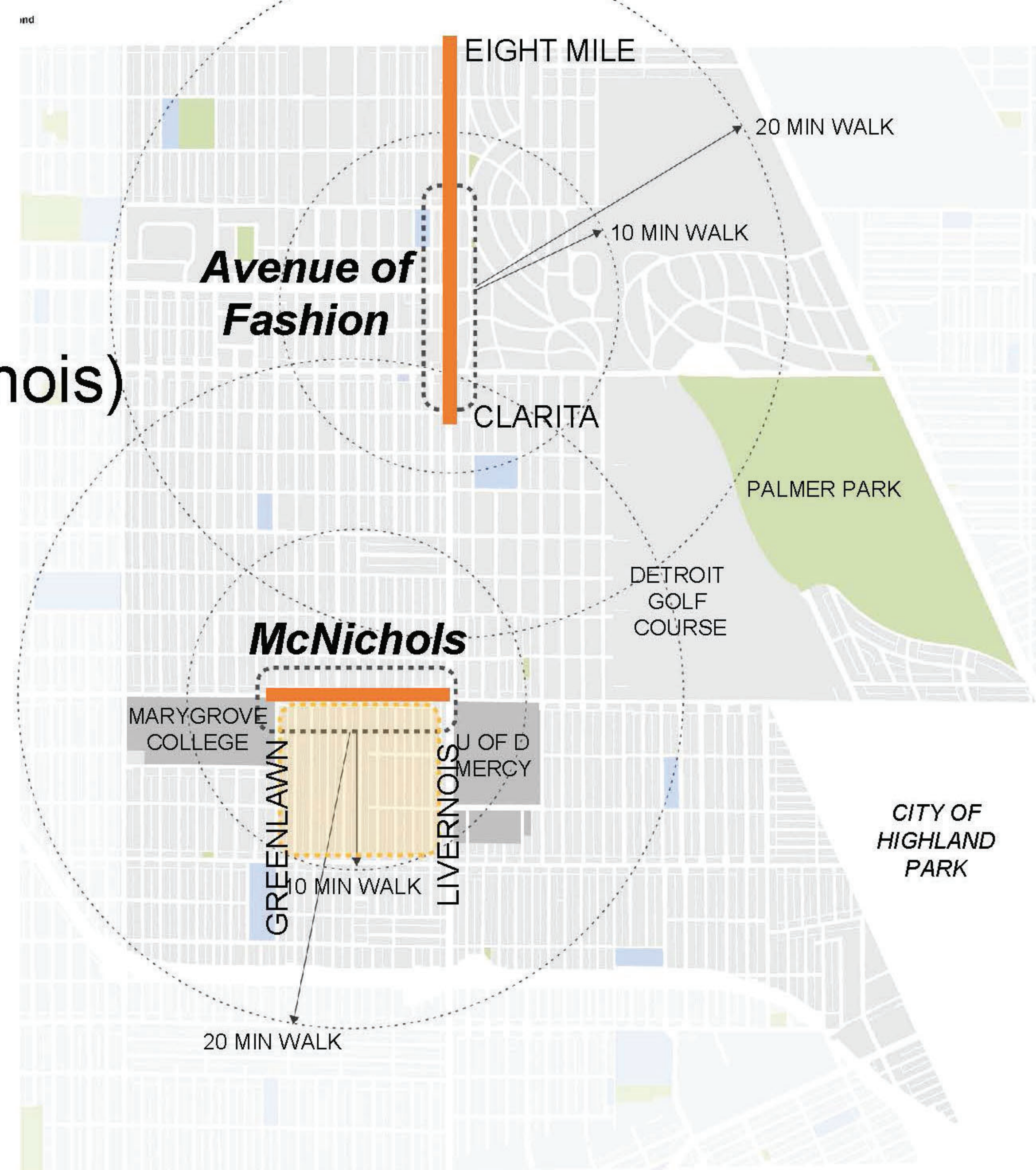
LIVERNOIS AND McNICHOLS STREETSCAPE UPDATE

Community Meeting

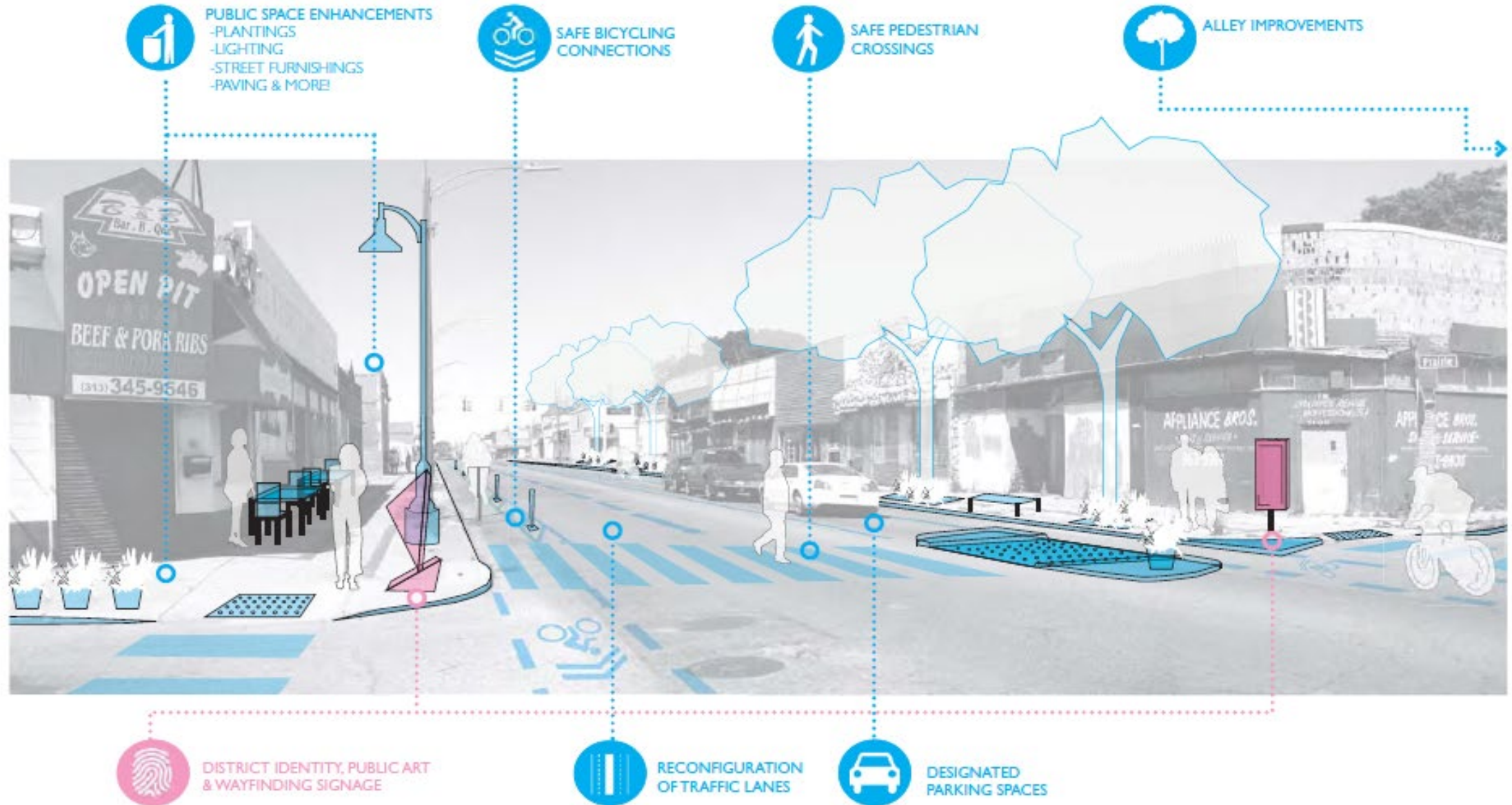
Streetscape Projects

- **Livernois** (Clarita to Eight Mile)
- **McNichols** (Greenlawn to Livernois)

— Streetscape Projects



Project Introduction: What is a “streetscape”?



11.08.2018

spackman mossop michaelis

LIVERNOIS STREETSCAPE

Community Meeting

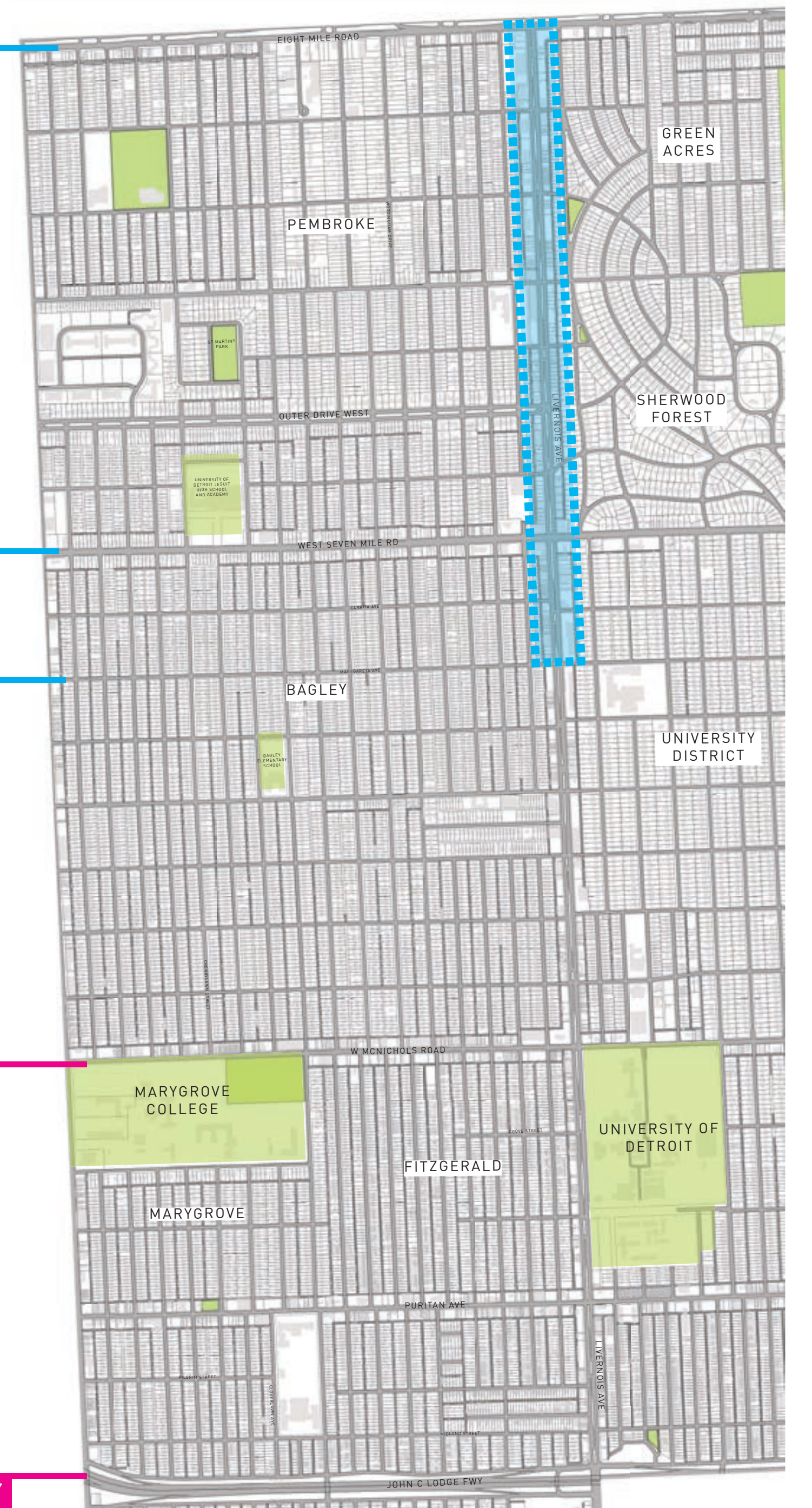
8 MILE RD

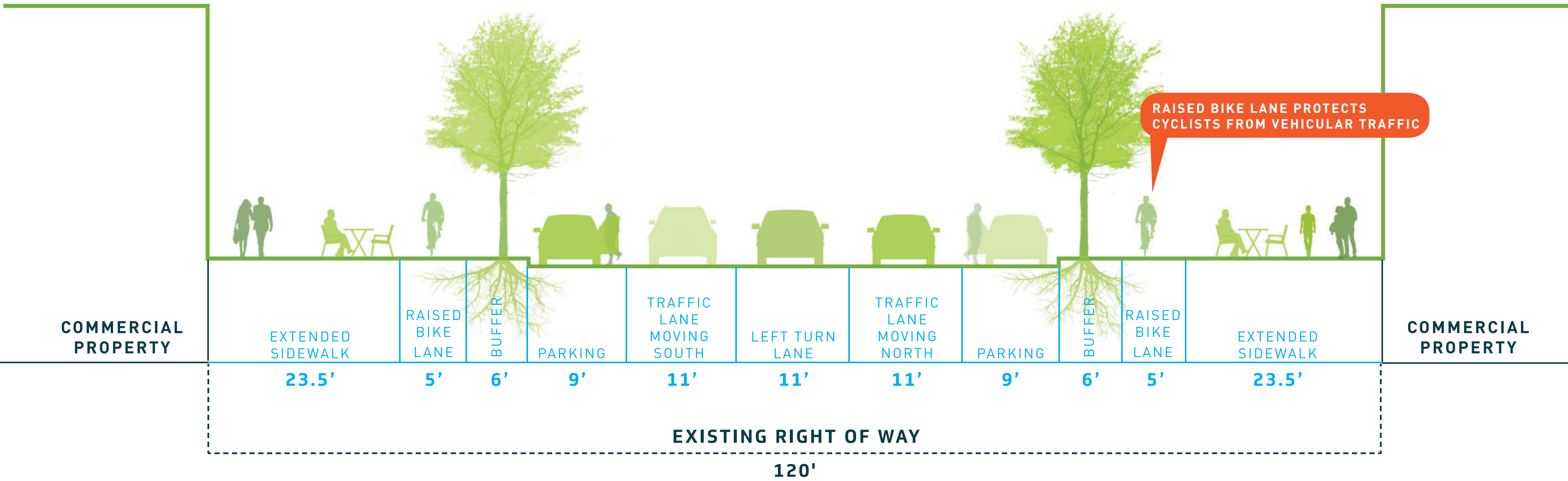
7 MILE RD

MARGARETA AVE

W MCNICHOLS RD

JOHN C LODGE FWY



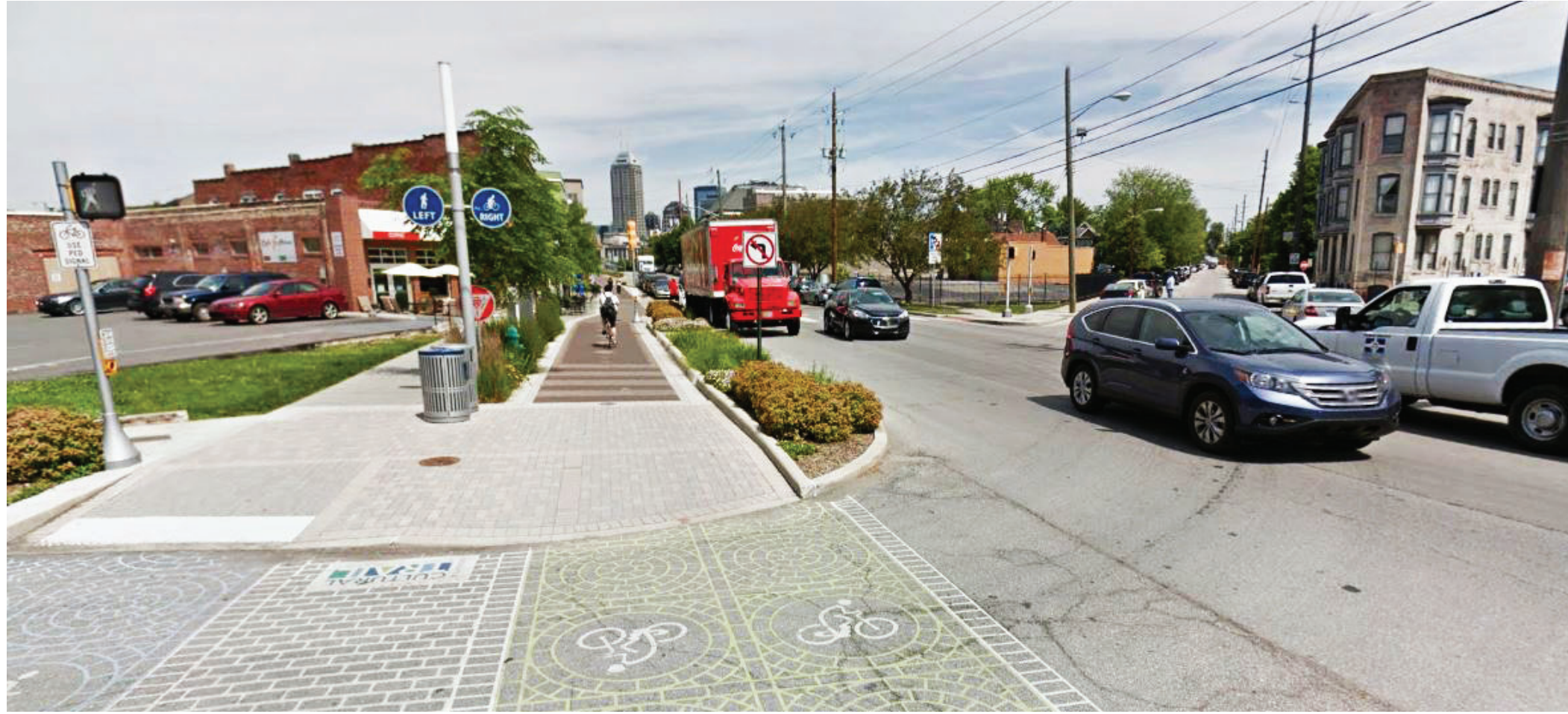


AVENUE OF FASHION proposed section

BIKE LANES



raised bike lanes



INDIANAPOLIS CULTURAL TRAIL

raised bike lanes



VANCOUVER

SITE

FURNISHINGS

city standard street furnishings



bike racks



trash receptacles



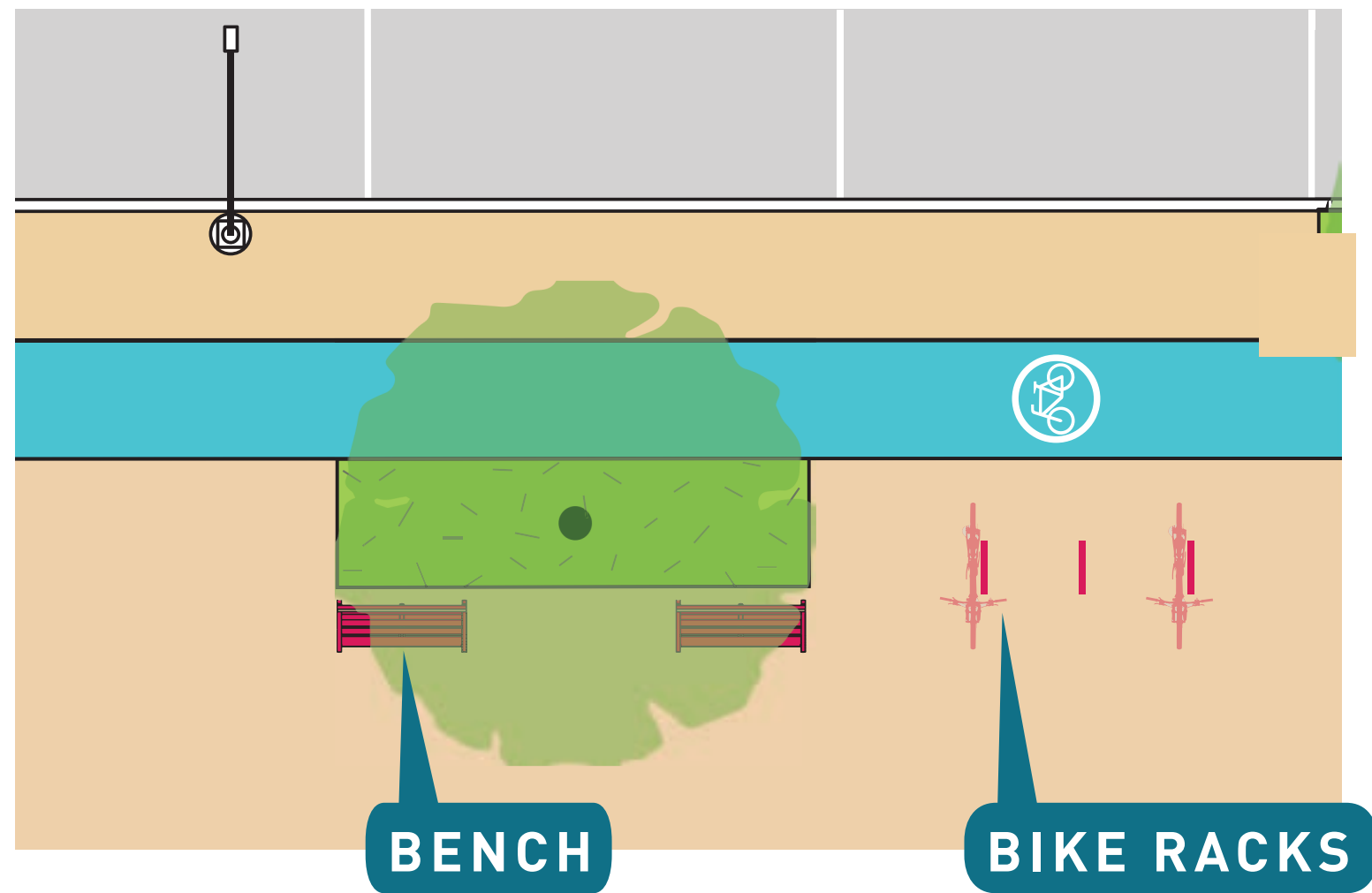
light poles



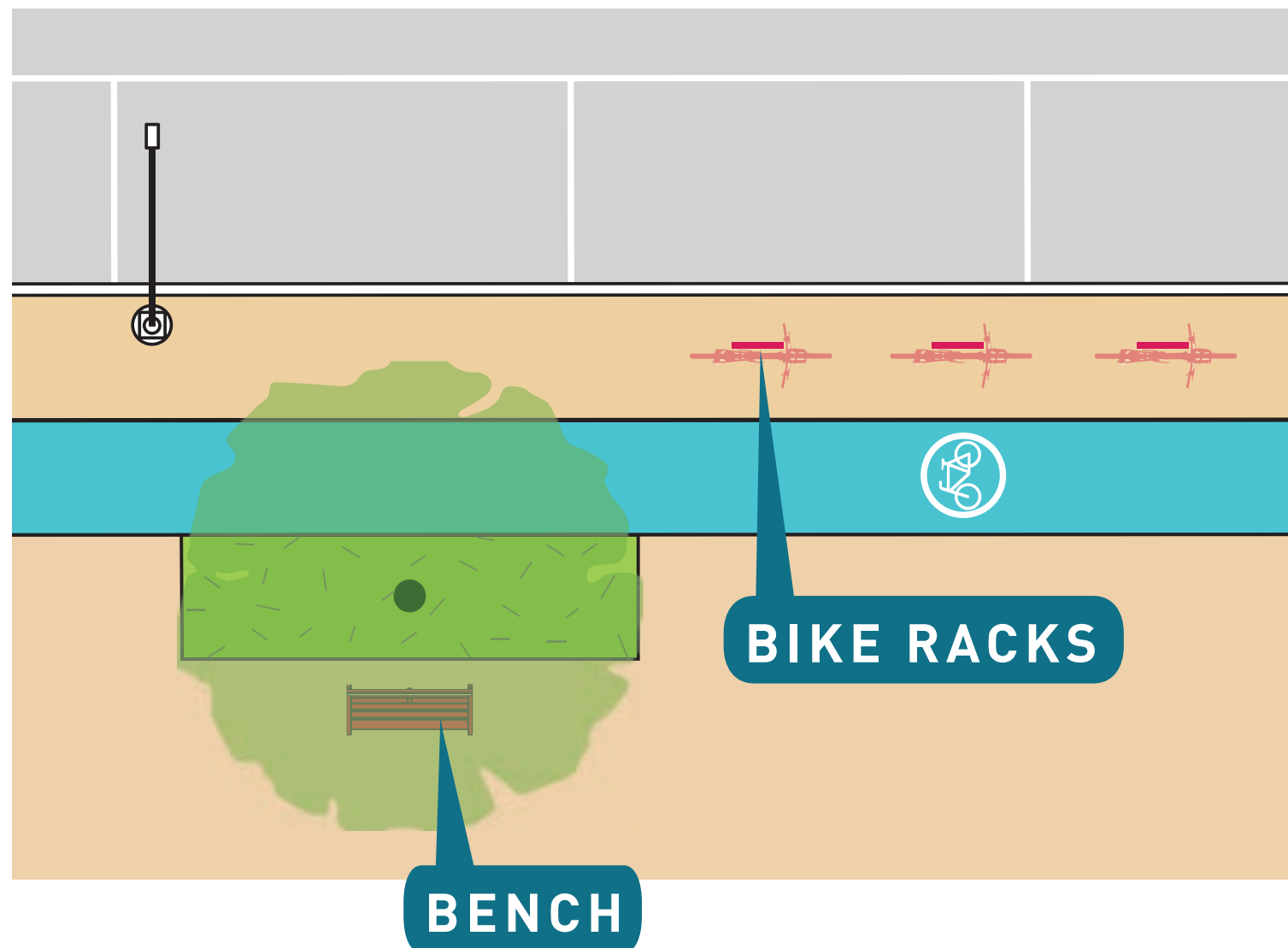
benches

street furnishings layout

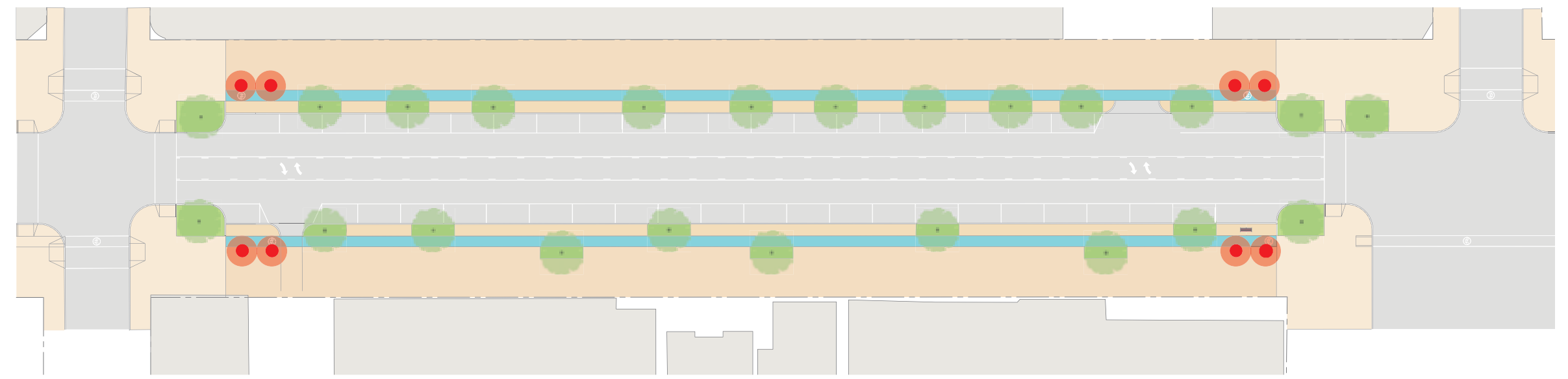
LAYOUT A



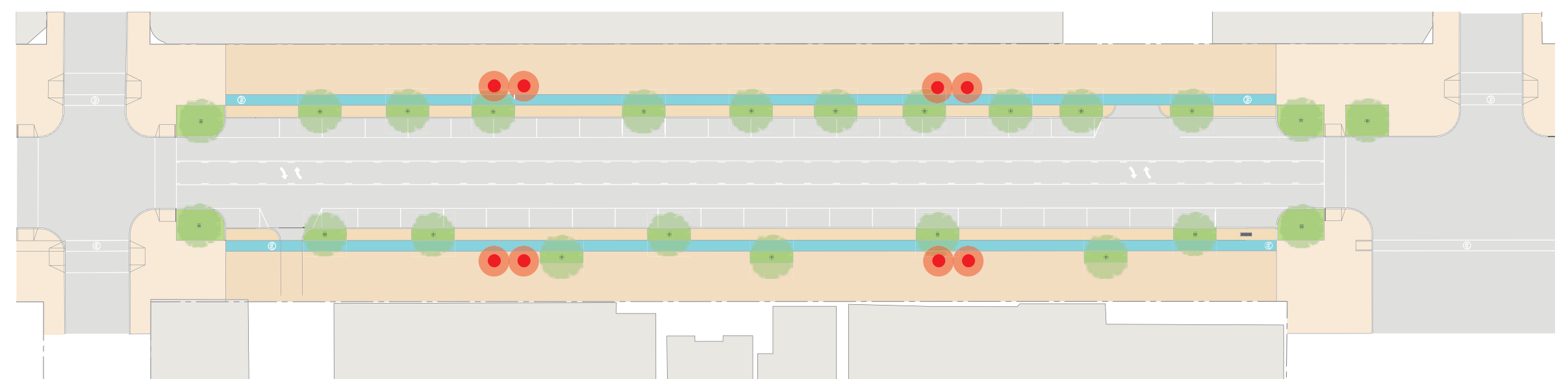
LAYOUT B



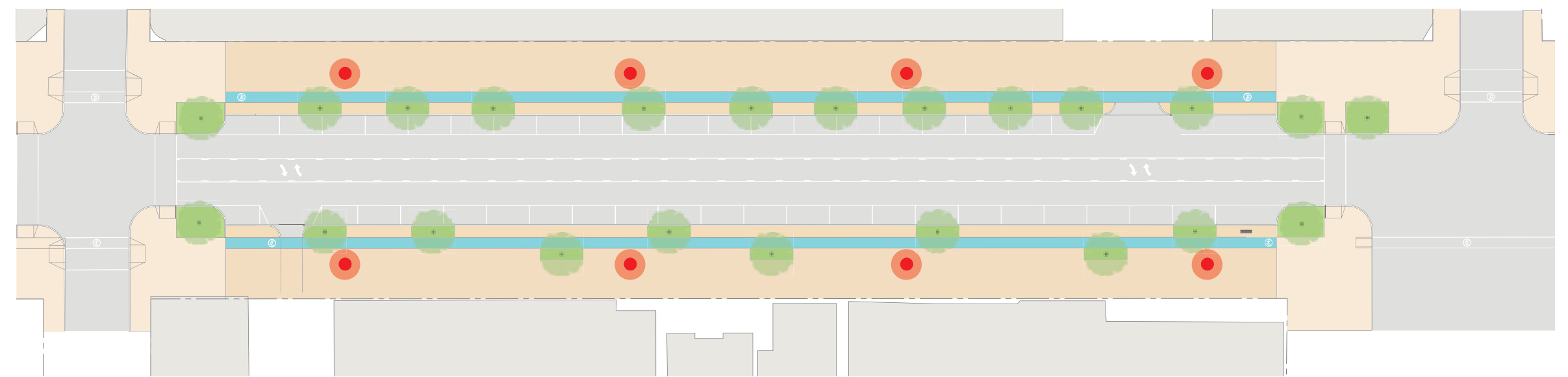
CORNERS



CENTERED



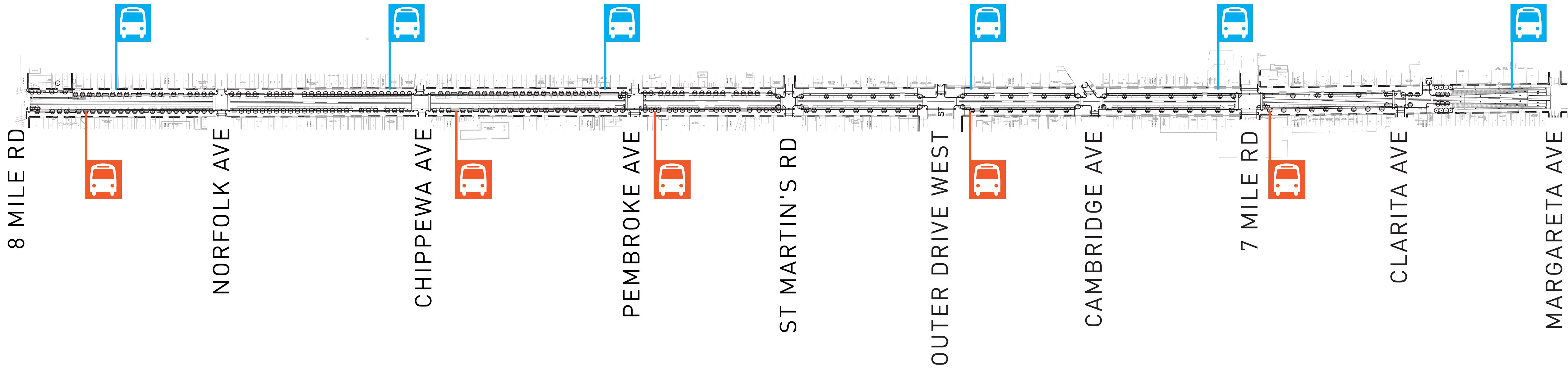
DISPERSED



BUS STOPS



bus stop locations



 NORTHBOUND BUS STOP LOCATIONS

 SOUTHBOUND BUS STOP LOCATIONS

STREET

TREES



ATHENS, GA



ATHENS, GA



DOWNTOWN BIRMINGHAM, MI

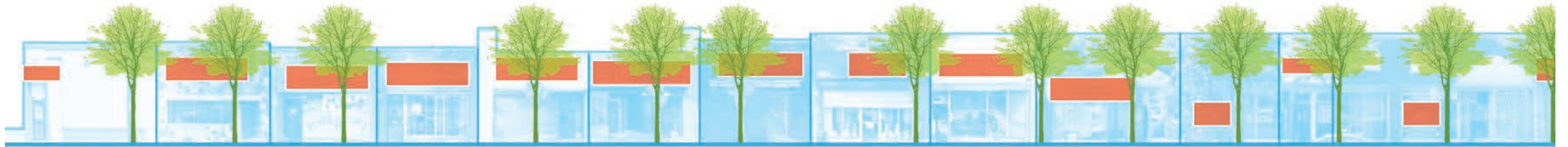
TREE SPACING STRATEGIES

CONDITION A: Businesses and Storefronts

Tree placement between businesses as not to conceal storefront signage. 40'-60' o.c. typ

CONDITION B: Parking Lots

Tree placement staggered and more densely planted as to conceal parking lots. 30' o.c. typ



EXISTING// street trees 20-40 ft. o.c.
minimal visibility from driver's view

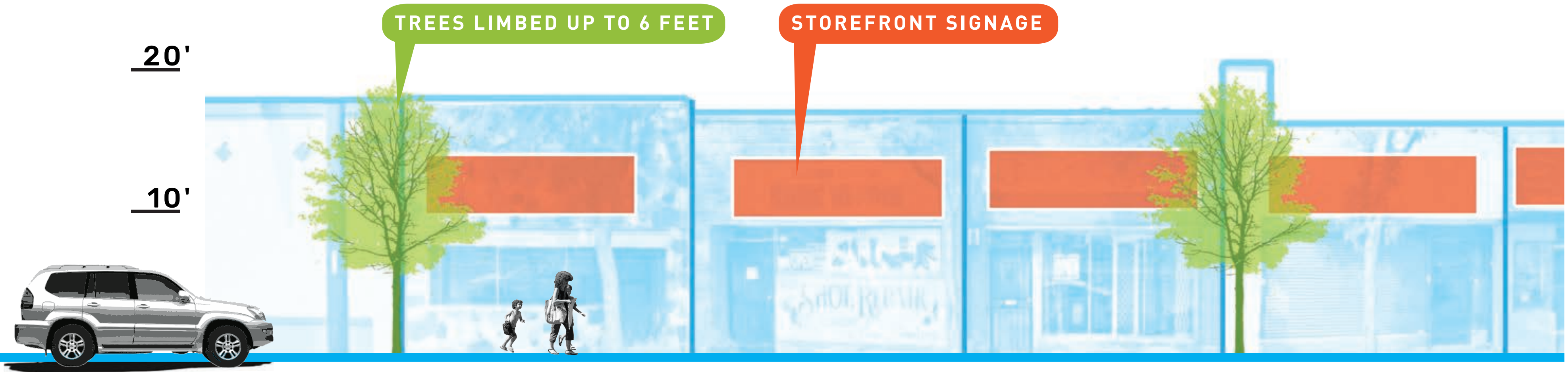


PROPOSED// INSTALLATION // street trees 40-60 ft. o.c.
increased visibility



PROPOSED// 10+ YEARS // street trees 40-60 ft. o.c.
visibility continues to increase as trees grow

**PROPOSED:
INSTALLATION**



**PROPOSED:
10+ YEARS**





EXISTING// minimal tree plantings



PROPOSED// INSTALLATION // street trees 30 ft. o.c.

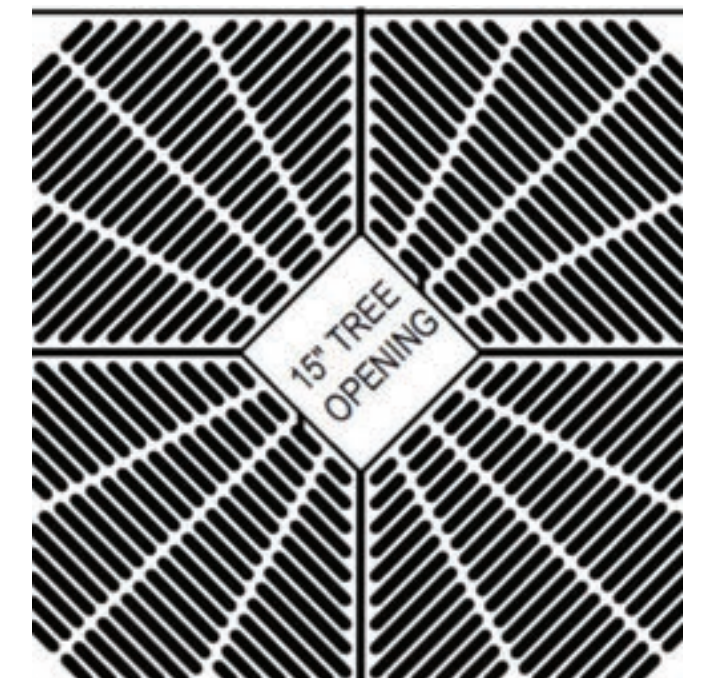


PROPOSED// 10+ YEARS // street trees 30 ft. o.c.

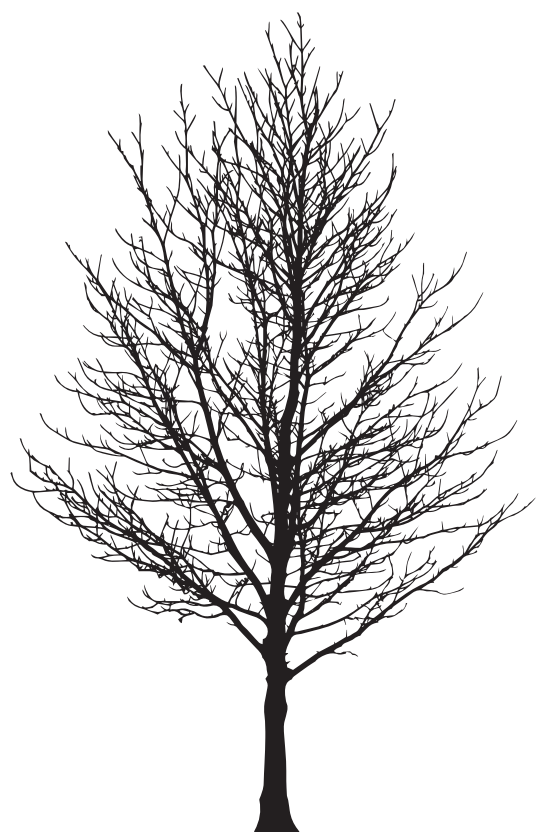
street trees



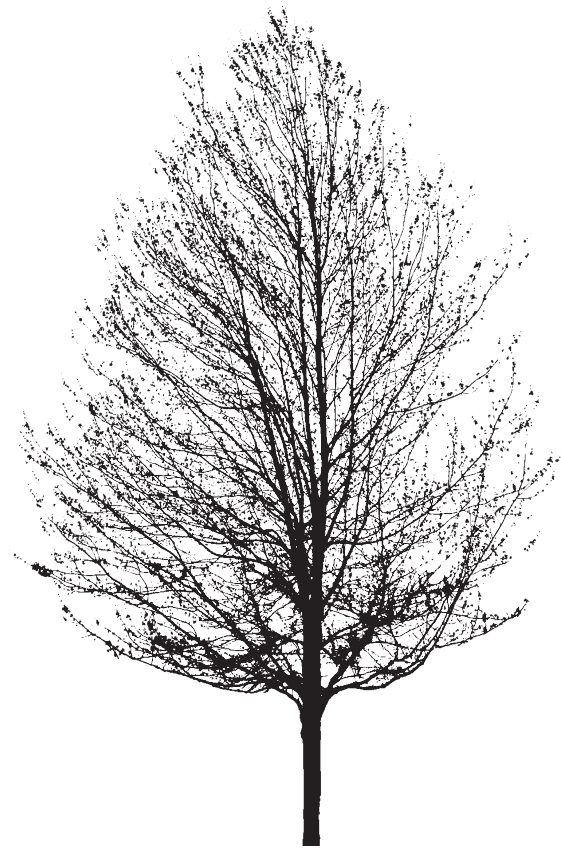
tree rails



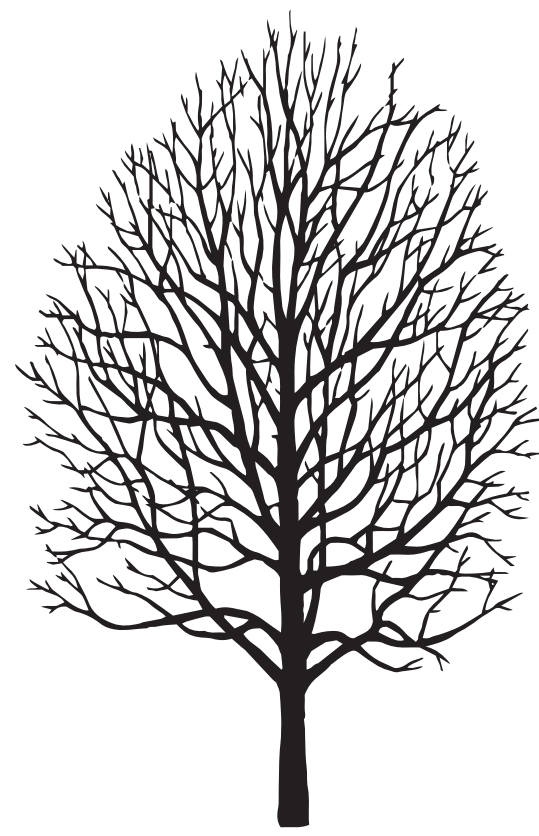
tree grates



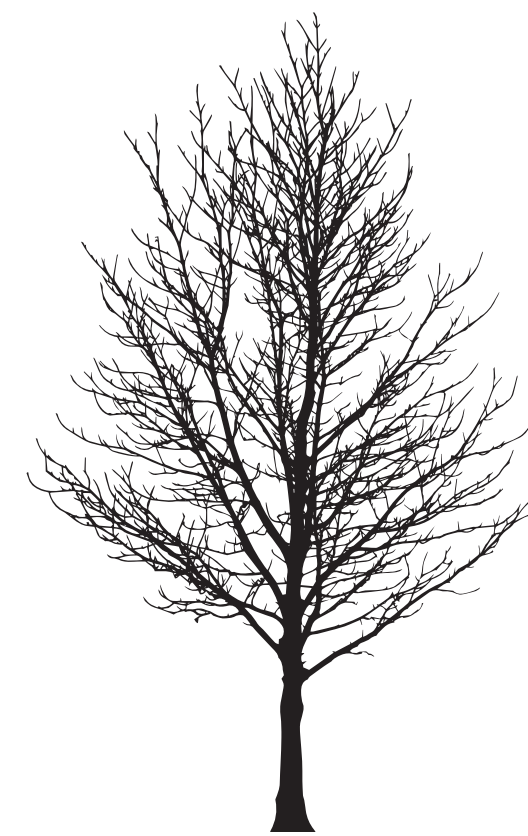
Celebration Maple
Acer x freemanii celebration



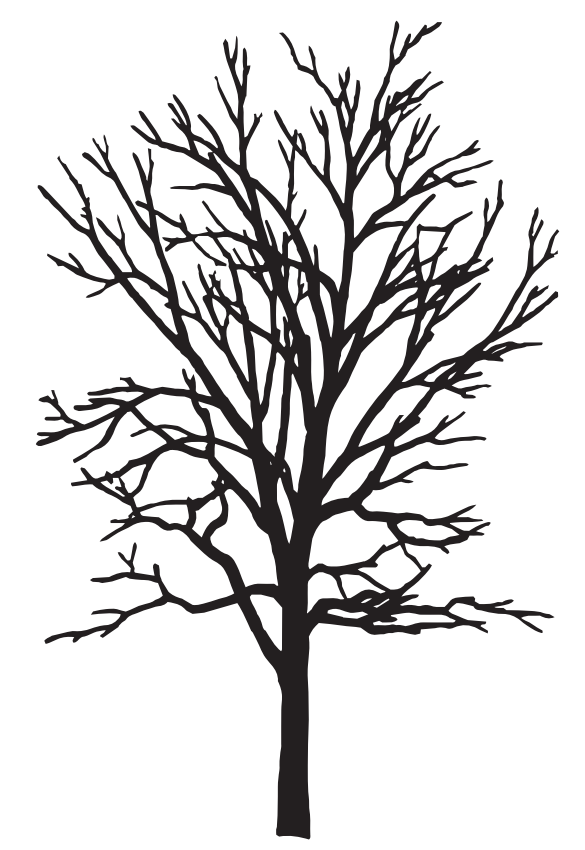
Littleleaf Linden
Tilia cordata



Frontier Elm
Acer x freemanii celebration



Hardy Rubber Tree
Acer x freemanii celebration



Kentucky Coffee Tree
Acer x freemanii celebration



- + HEIGHT: 40'-50'
- + SPREAD: 20'-35'
- + FALL COLOR: YELLOW TO ORANGE



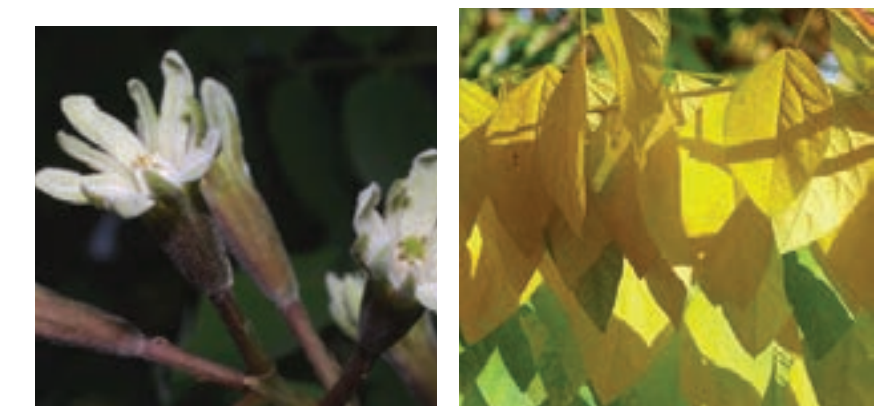
- + HEIGHT: 50'-70'
- + SPREAD: 35'-50'
- + FALL COLOR: YELLOW
- + BLOOM: LIGHT YELLOW
- + BLOOM TIME: JUNE TO JULY
- + FRUIT: YES



- + HEIGHT: 35'-40'
- + SPREAD: 25' -30'
- + FALL COLOR: BURGUNDY



- + HEIGHT: 40'-60'
- + SPREAD: 30' -50'
- + FRUIT: YES

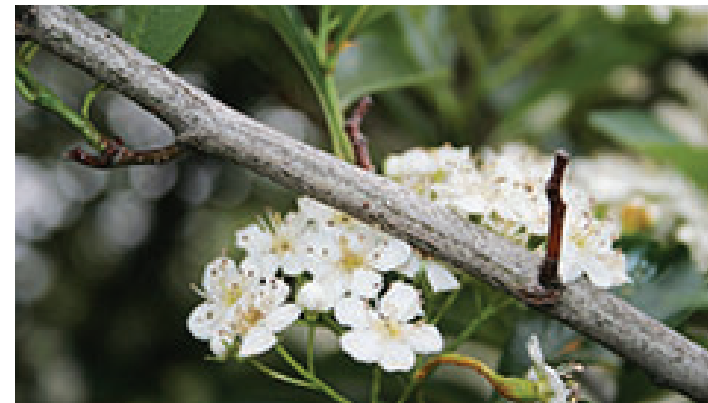


- + HEIGHT: 60'-80'
- + SPREAD: 40' -55'
- + FALL COLOR: YELLOW
- + BLOOM: GREENISH-WHITE
- + BLOOM TIME: MAY - JUNE
- + FRUIT: YES



Cruzam Thornless Hawthorne

Crateagus c. inermis "Cruzam"



- + HEIGHT: 20'-35'
- + SPREAD: 25'-35'
- + FALL COLOR: BRONZE-RED
- + BLOOM: WHITE
- + BLOOM TIME: MAY
- + FRUIT: YES

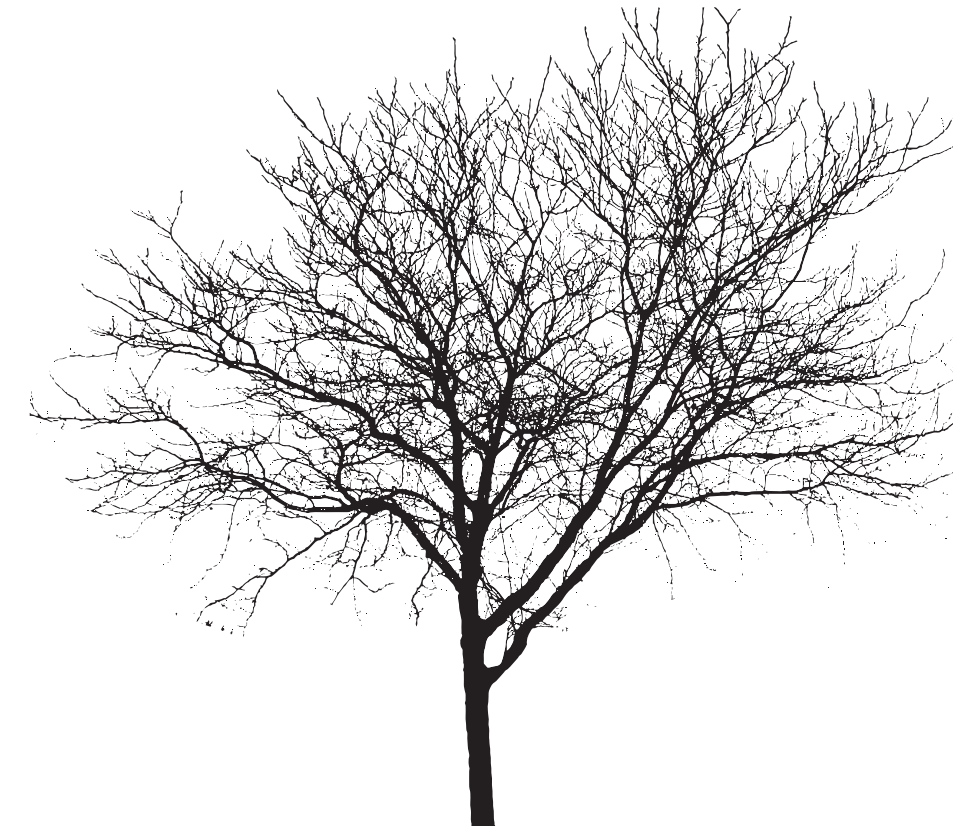


Japanese Lilac Tree

Syringa reticulata



- + HEIGHT: 20'-30'
- + SPREAD: 15'-20'
- + BLOOM: OFF-WHITE
- + BLOOM TIME: SUMMER
- + FRUIT: YES

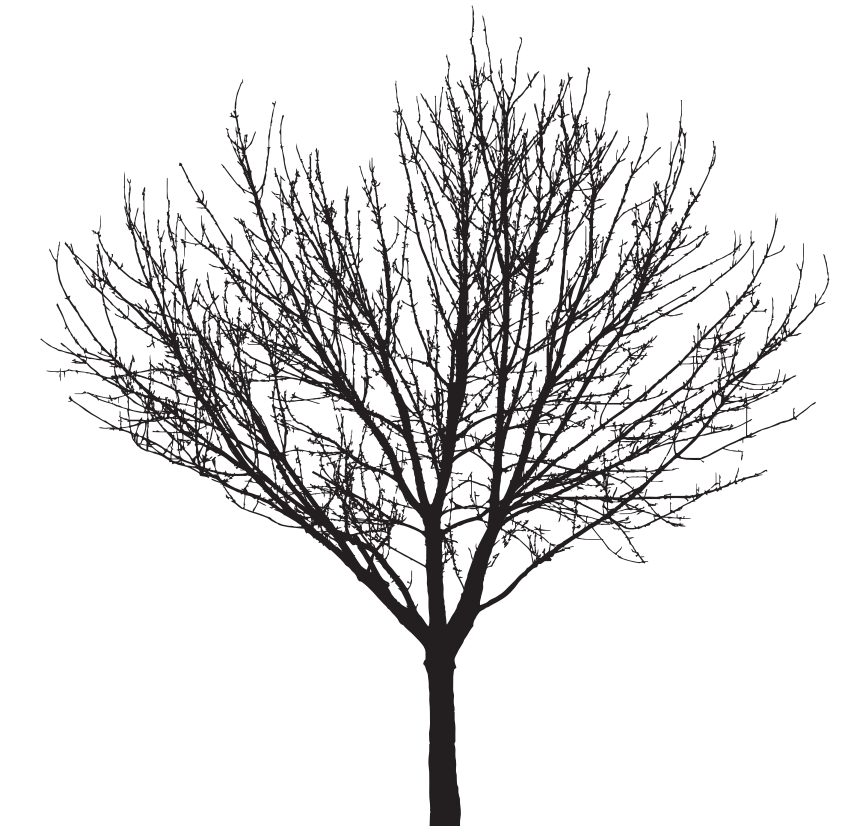


Eastern Redbud

Cercis canadensis



- + HEIGHT: 20'-30'
- + SPREAD: 25'-35'
- + FALL COLOR: YELLOW
- + BLOOM: PINK, PURPLE
- + BLOOM TIME: APRIL
- + FRUIT: YES



Spring Show Crabapple

Malus "spring snow"



- + HEIGHT: 20'-25'
- + SPREAD: 15'-20'
- + FALL COLOR: YELLOW
- + BLOOM: WHITE
- + BLOOM TIME: SPRING

PAVING +

MATERIALS

materials



exposed aggregate + score patterns



integral color concrete



integral color concrete +
exposed aggregate

materials



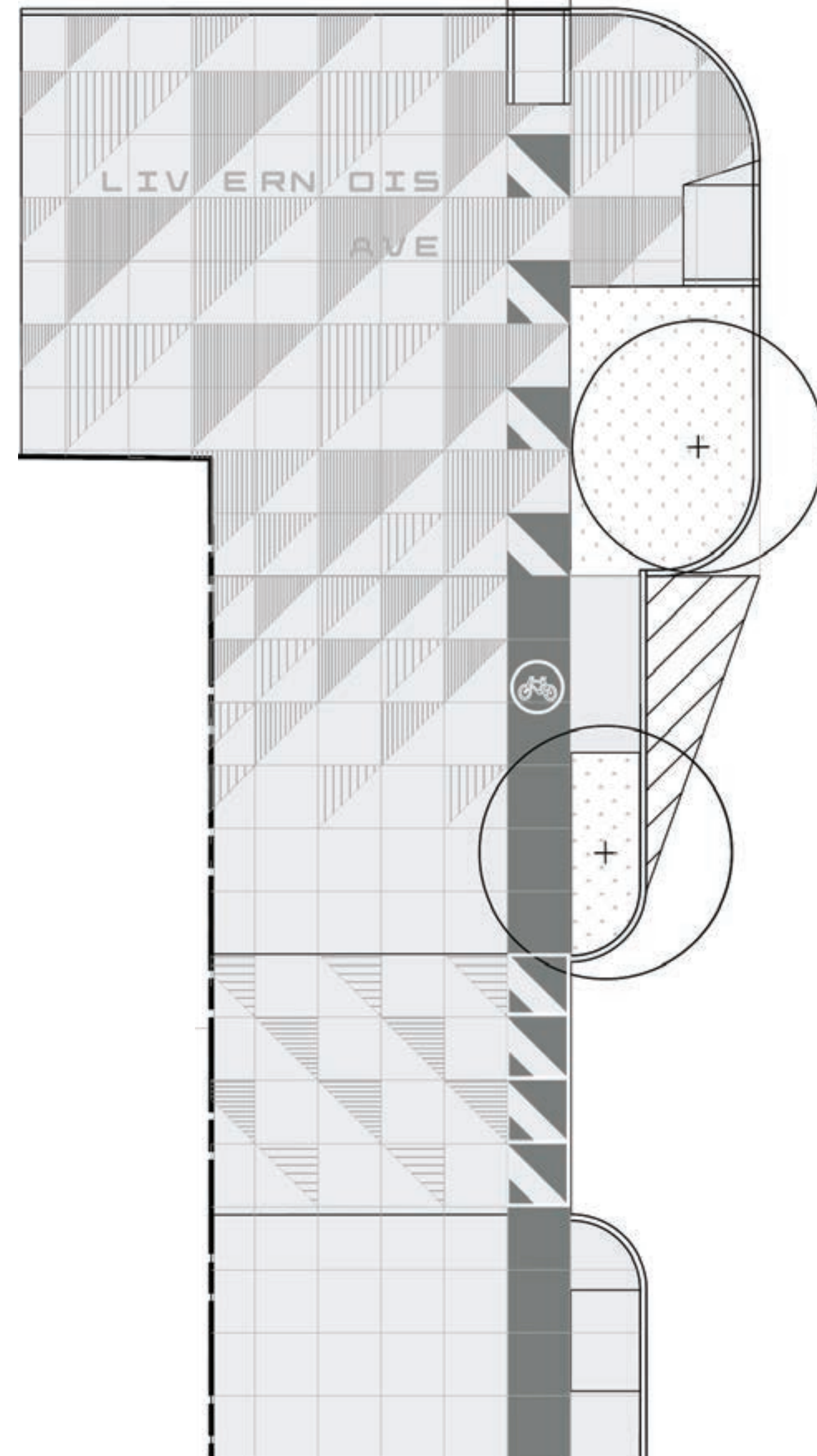
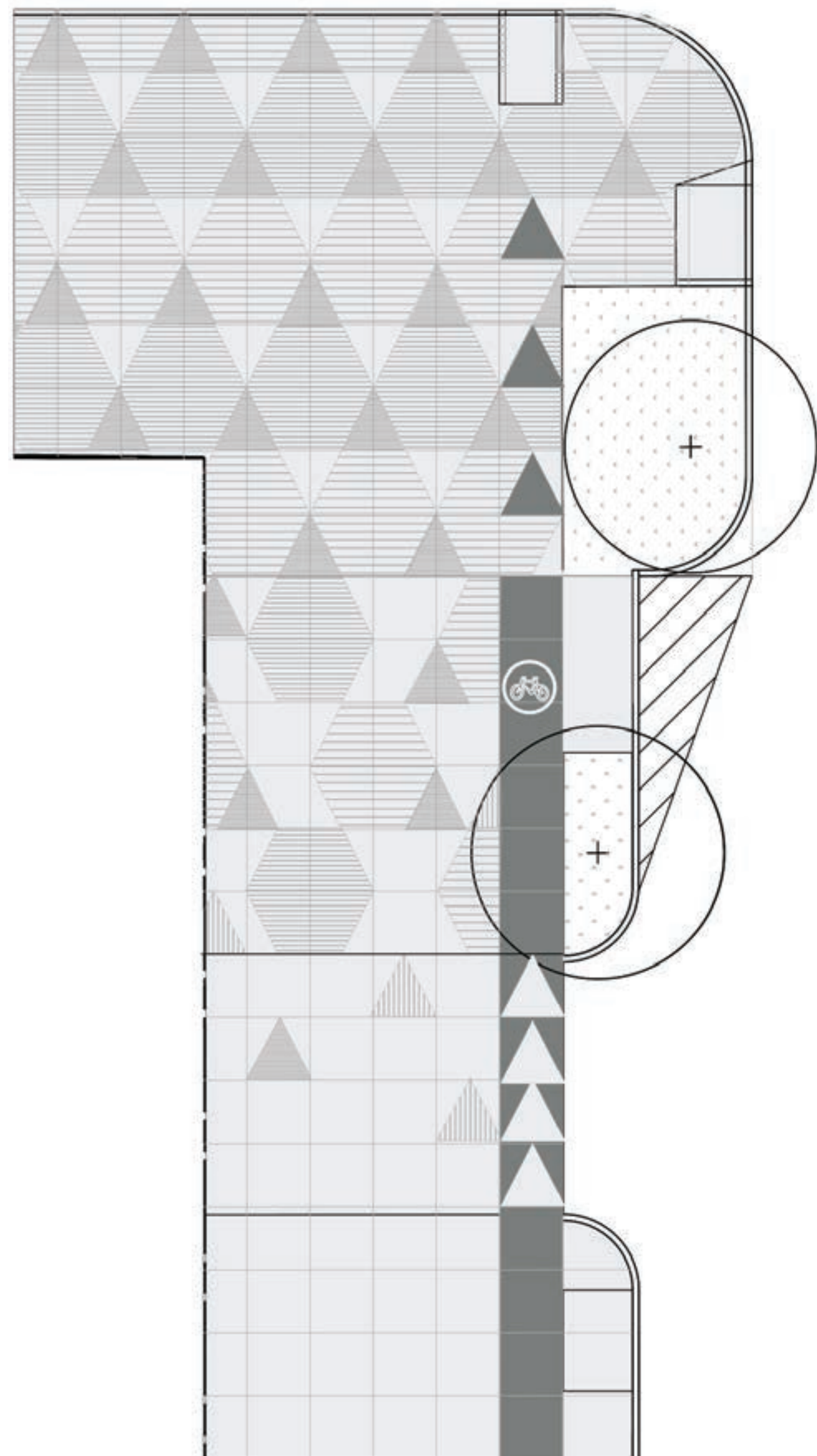
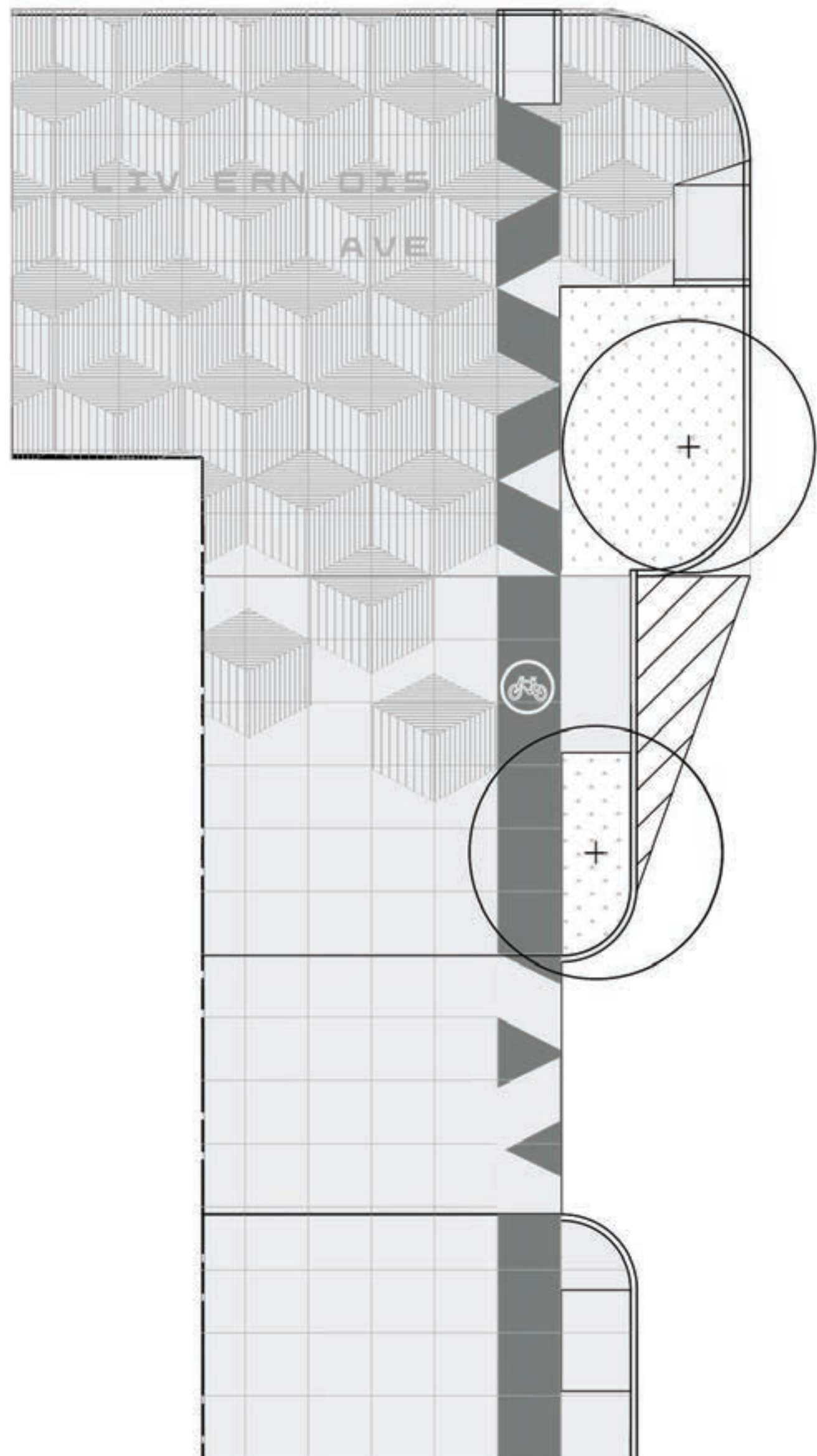
score patterns

materials

metal details

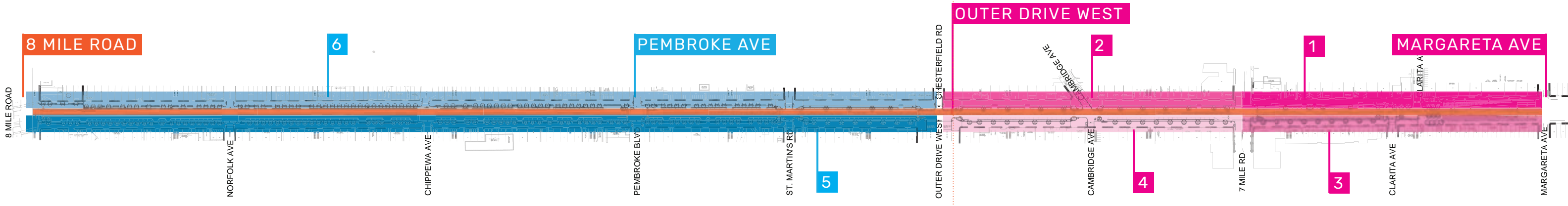


paving pattern studies



STREETSCAPE COMPLETE IN 2020

STREETSCAPE COMPLETE IN 2019
MEDIAN DEMO/ REPLACEMENT COMPLETE 2019



CONSTRUCTION PHASING STRATEGY

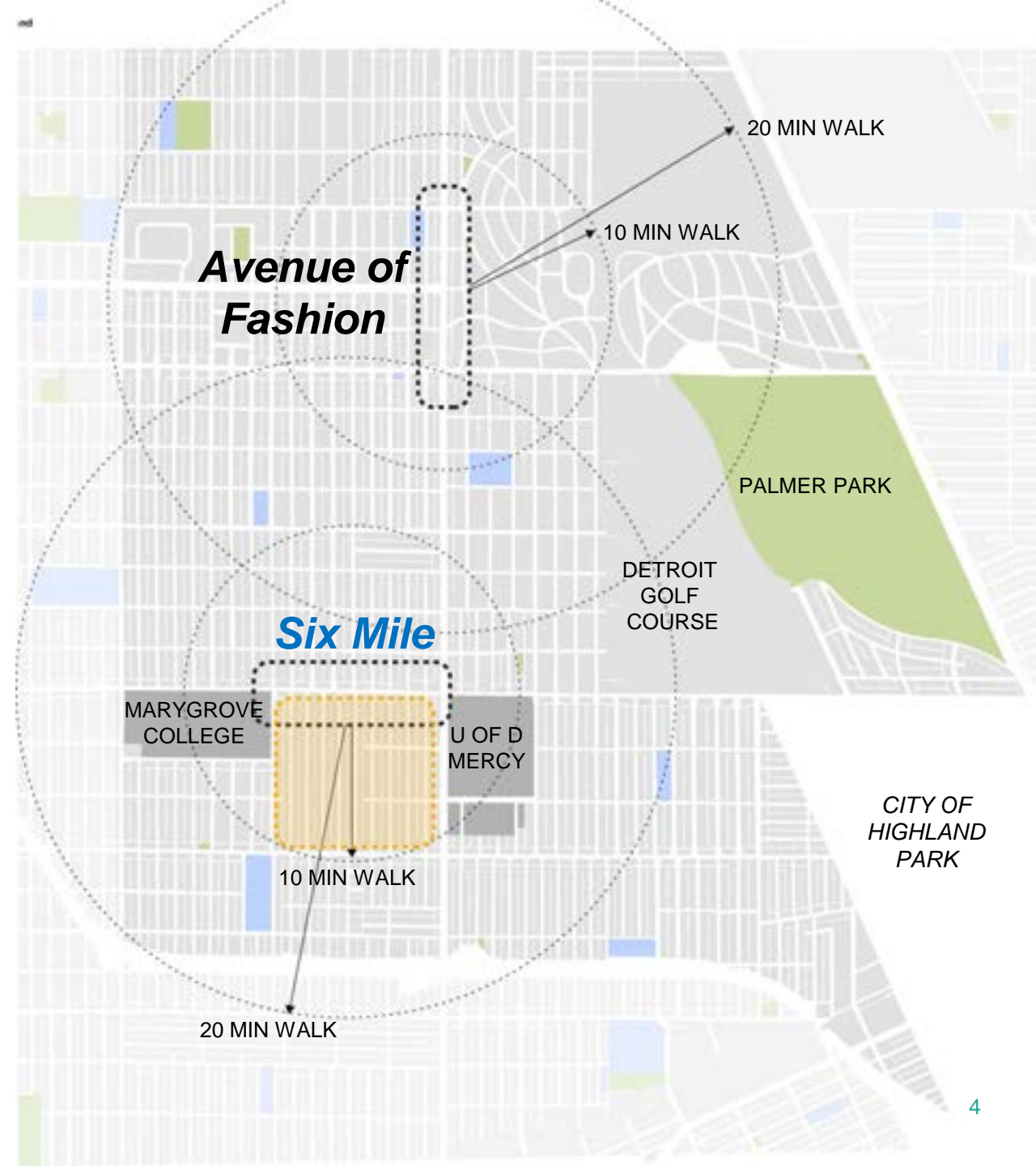
11.08.2018

McNICHOLS STREETSCAPE

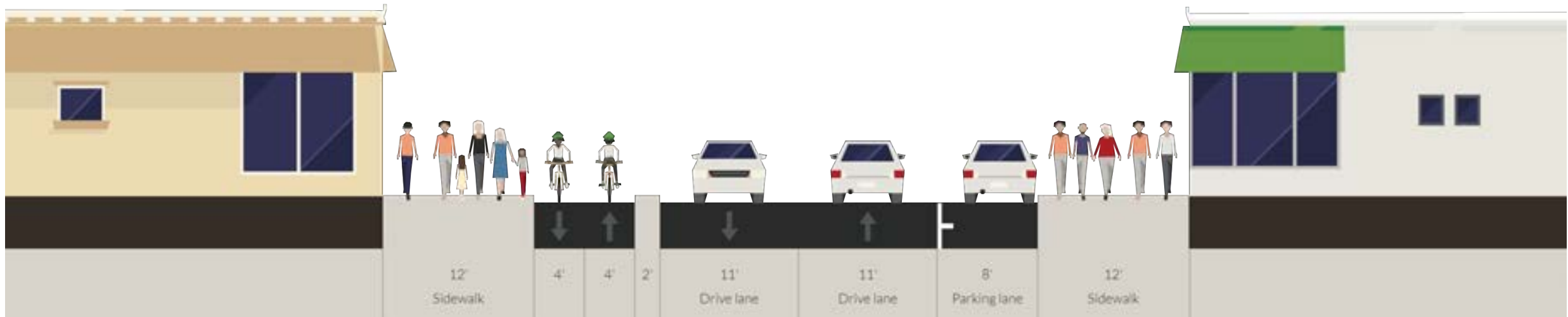
Community Meeting

Project Introduction

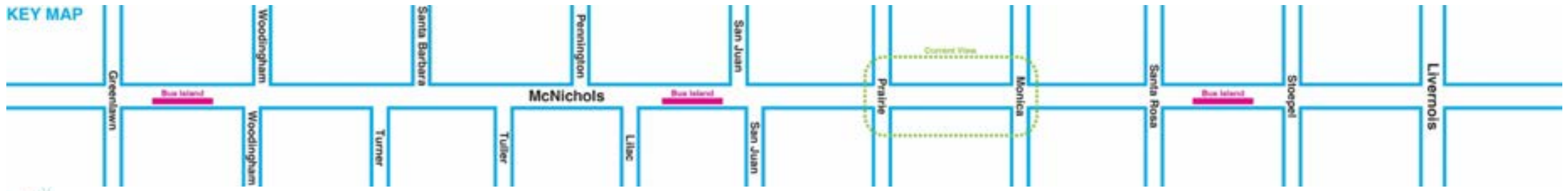
- **McNichols Streetscape:**
 - **Livernois to Greenlawn**
- **Key project elements:**
 - **Road repaving**
 - **Sidewalk reconstruction**
 - **Two-way cycle track**
 - **New lighting**
 - **Landscaping**
 - **Enhanced bus stops**
 - **Safer pedestrian crossings**



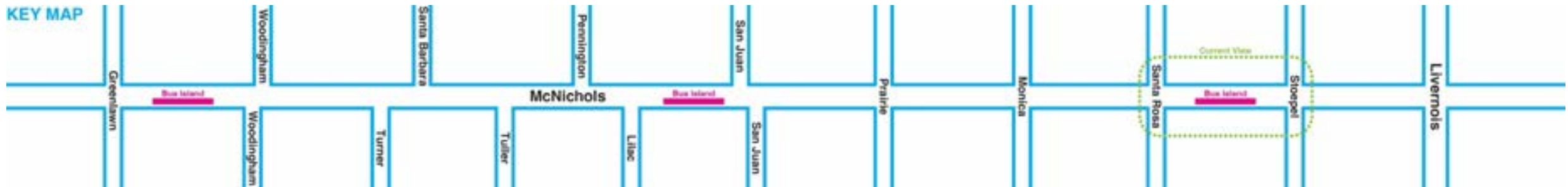
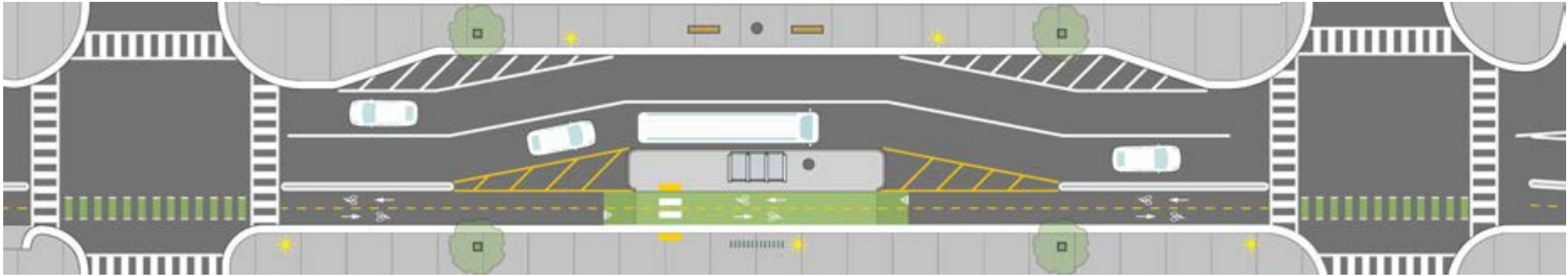
Project Introduction



Standard Block Configuration






Bus Island Configuration



Bus Stop Consolidation



-  Eastbound
-  Westbound
-  Remove

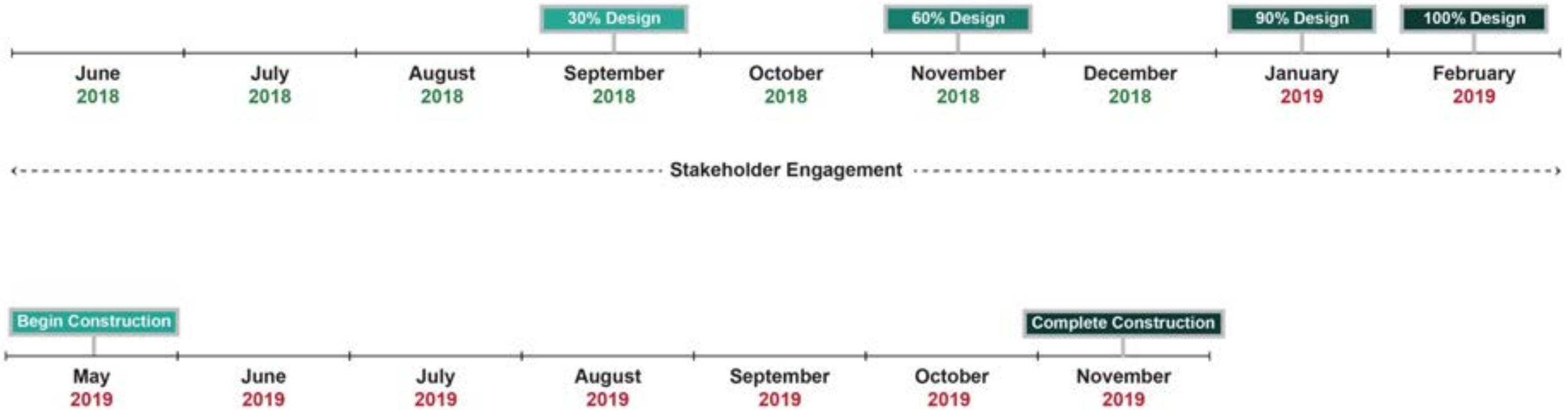


Bus Island Examples





Project Schedule



Larger Bike Network

- Building a larger network of connections
- Joe Louis Greenway
- MoGo Expansion

- Funded and Completed Projects
- - - Planned Projects

