# Wichita Downtown Streets Plan

## Presentation at 6:15

**Workshop Wrapup**

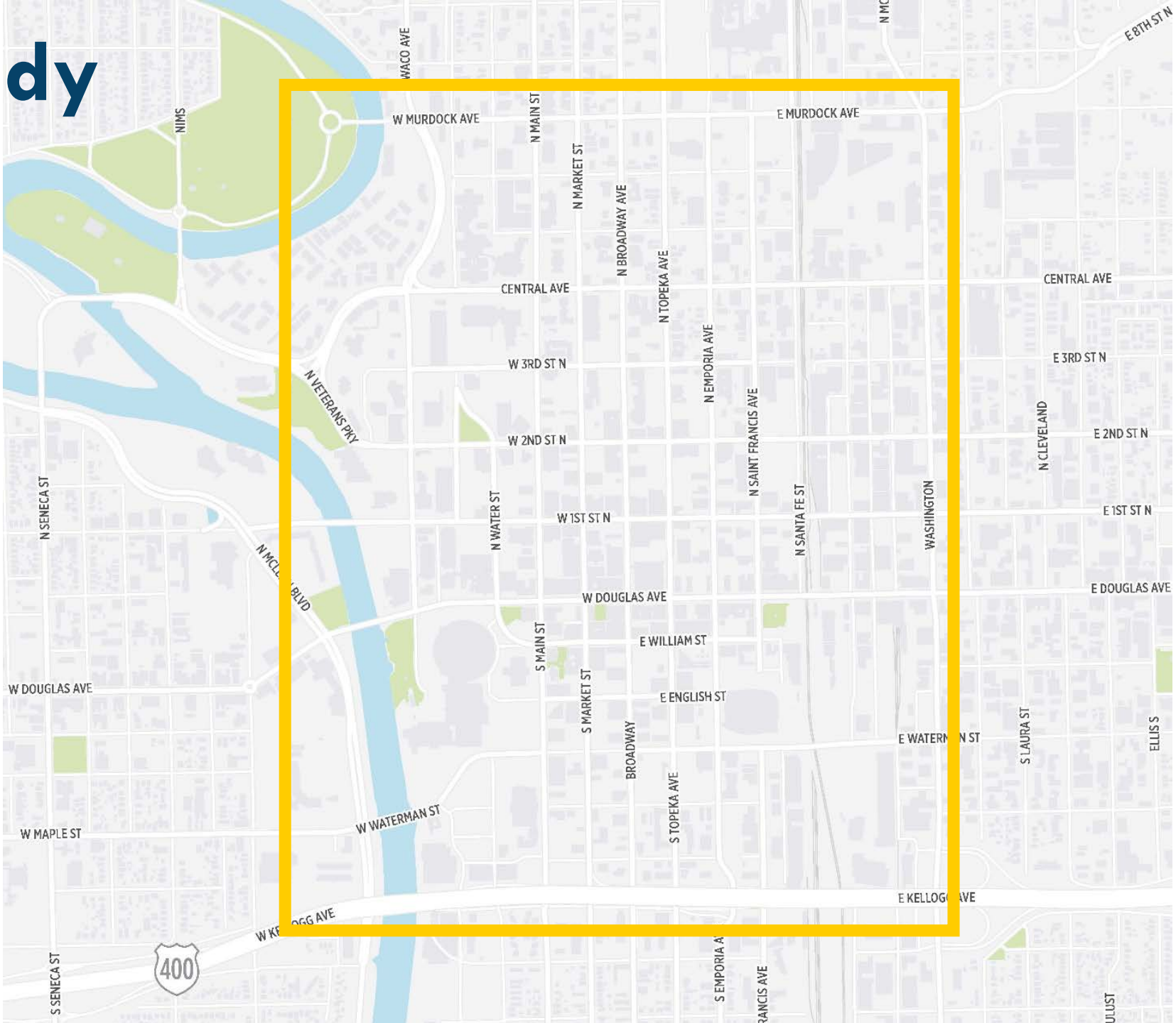
June 6, 2019

Wichita
Downtown
Streets

# Tonight's Agenda

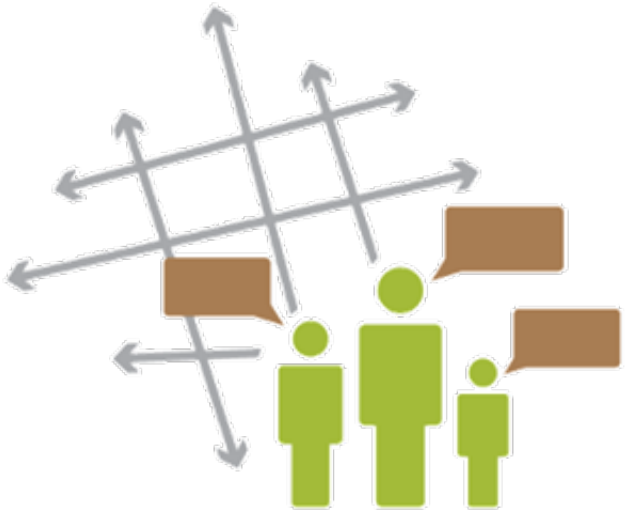
1. Our Process and Goals
2. Economy and Attraction
3. Downtown Ideas
4. Getting It Done

# The Study

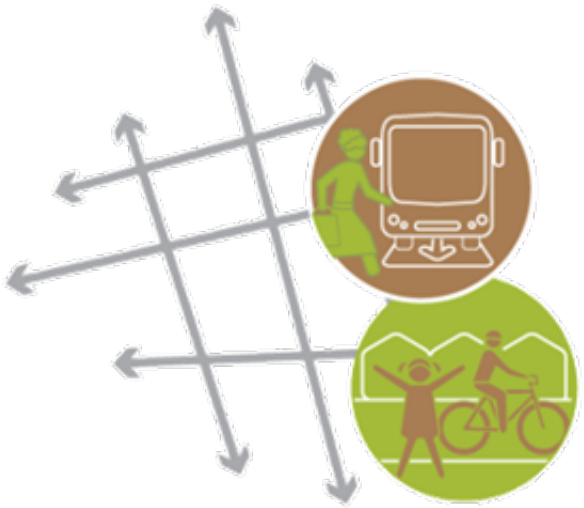

W MURDOCK AVE
E MURDOCK AVE
N MAIN ST
N MARKET ST
N BROADWAY AVE
N TOPEKA AVE
N EMPORIA AVE
N SAINT FRANCIS AVE
N SANTA FE ST
WASHINGTON
N CLEVELAND
CENTRAL AVE
W 3RD ST N
E 3RD ST N
W 2ND ST N
E 2ND ST N
W 1ST ST N
E 1ST ST N
W DOUGLAS AVE
E DOUGLAS AVE
E WILLIAM ST
E ENGLISH ST
E WATERMAN ST
W WATERMAN ST
W MAPLE ST
E KELLOGG AVE
W KELLOGG AVE
N VETERANS PKY
N WATER ST
S MAIN ST
S MARKET ST
BROADWAY
S TOPEKA AVE
S EMPORIA AVE
S LAURA ST
ELLIS S
N SENECA ST
S SENECA ST
NIMS
WACO AVE
E 8TH ST N
400

# Our Process

DISCOVERY



DESIRE

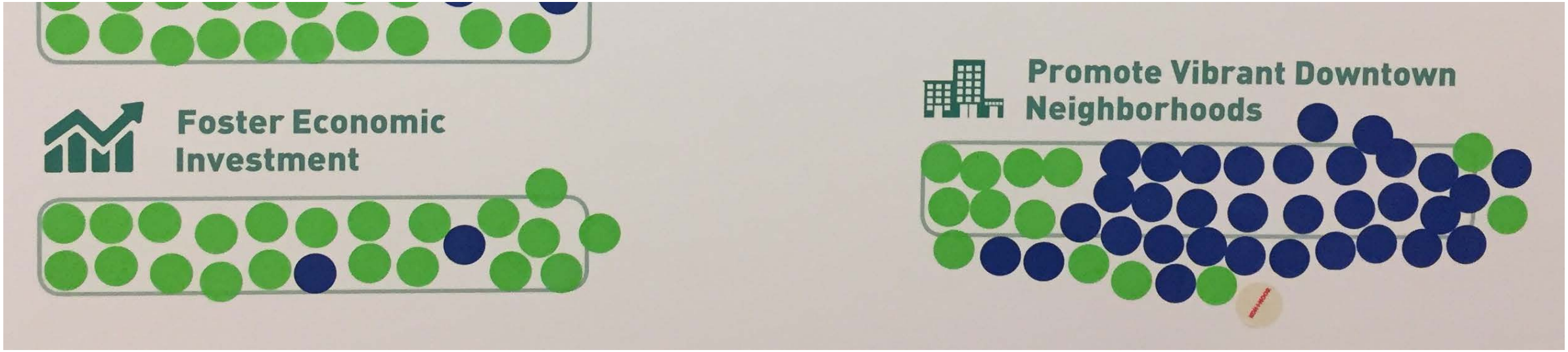


DESIGN

DOCUMENTATION

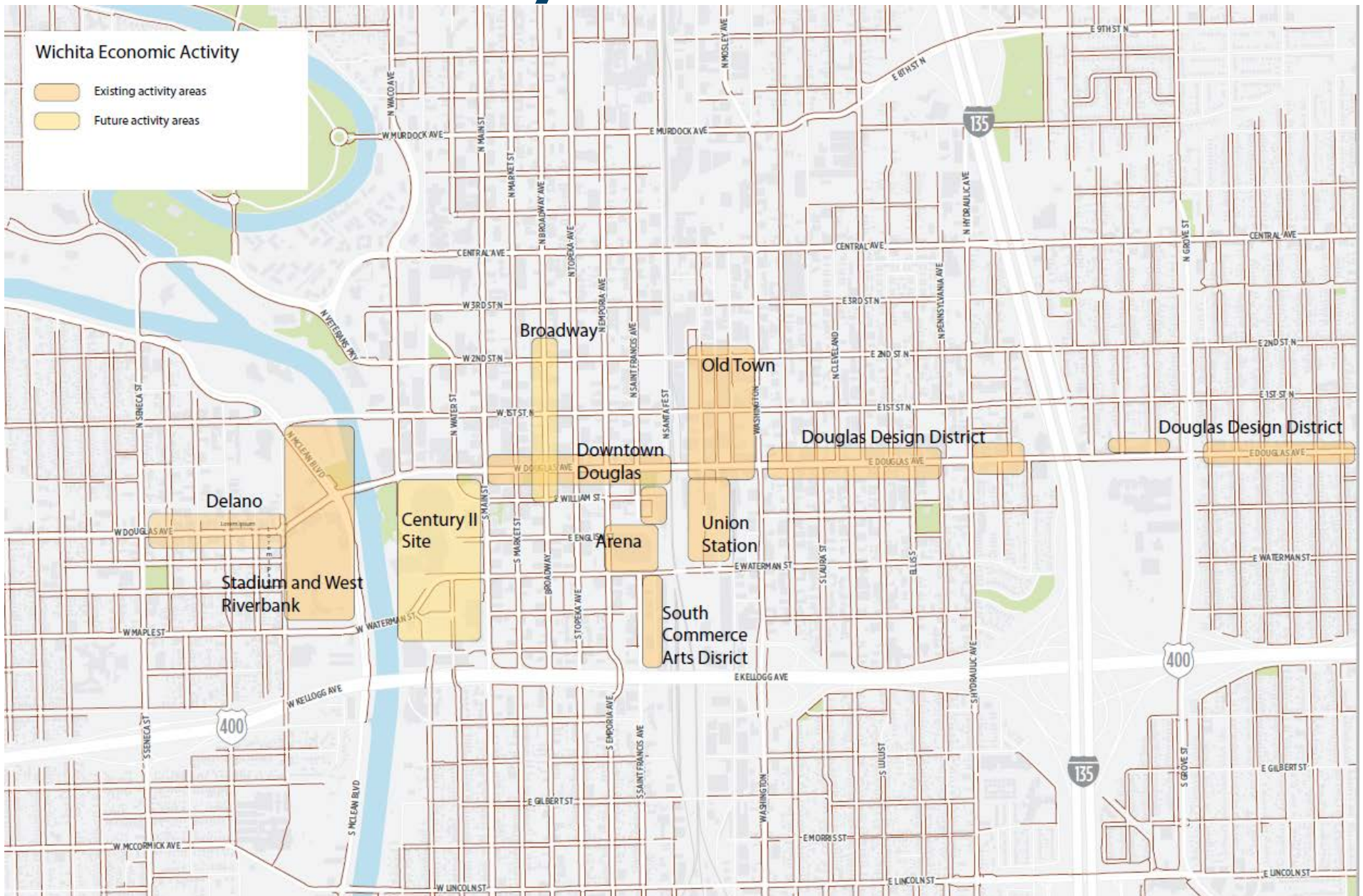
# Wichita Downtown Streets Goals

# Wichita Downtown Streets Goals



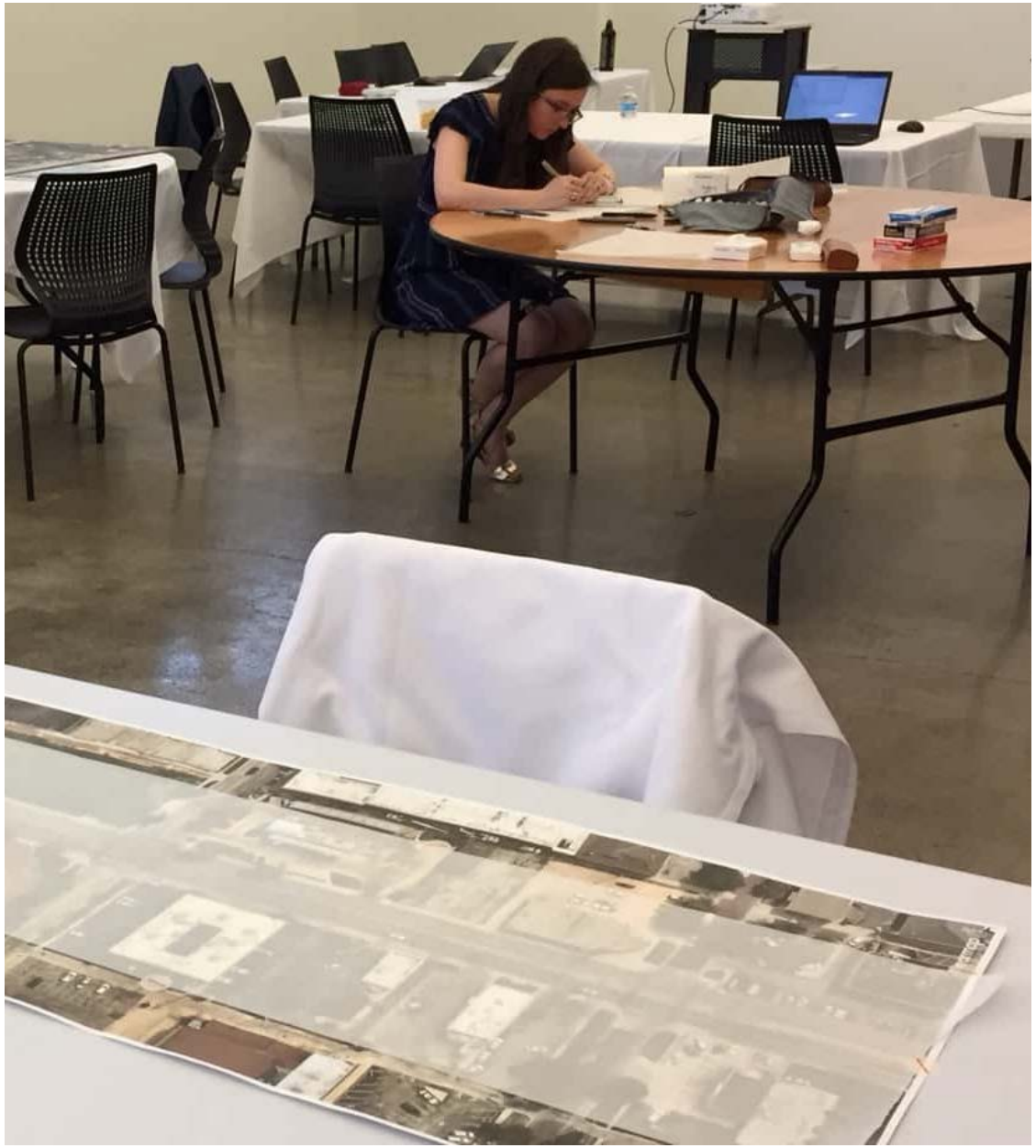
# Economy and Attraction

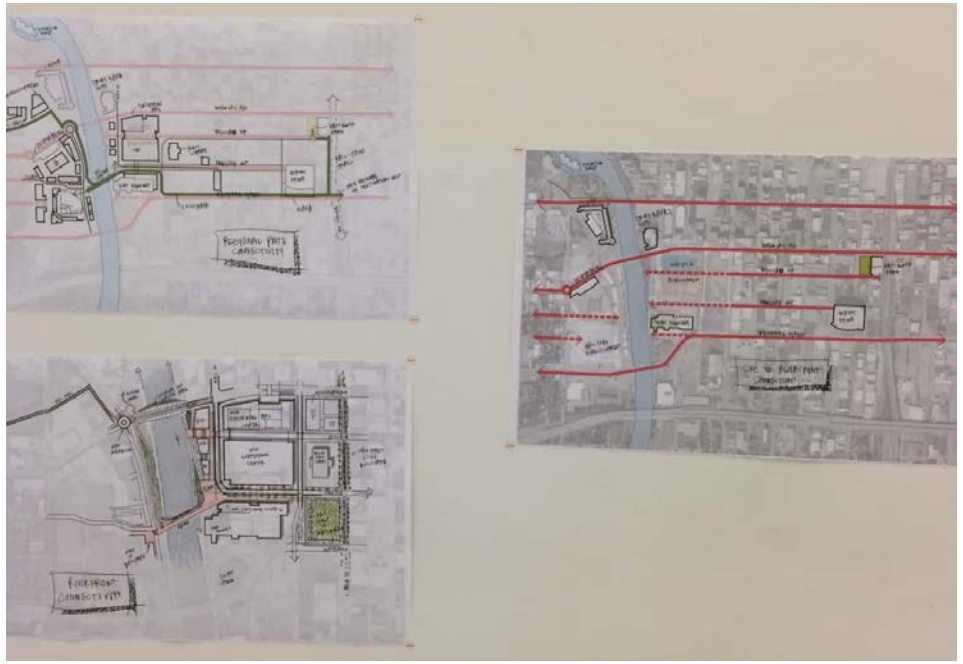
# Downtown Economy

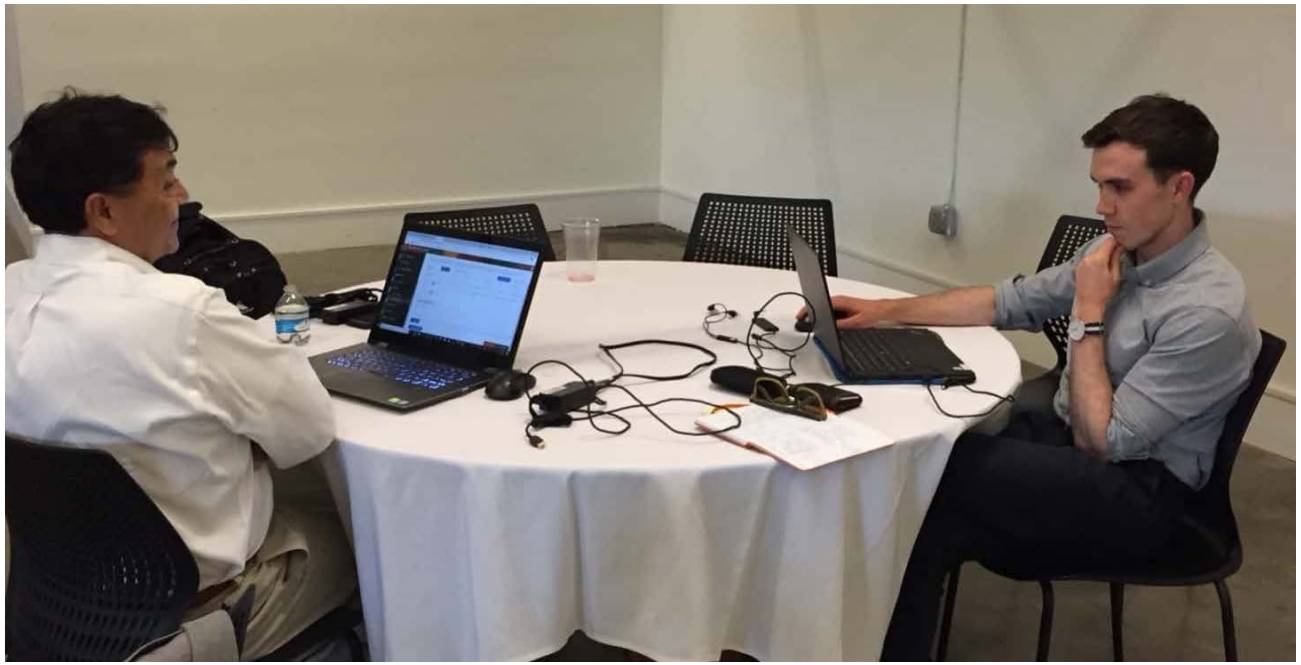


# This Week

Wichita Downtown Streets







# This Week

COMMENT CARD

Wichita Downtown Streets

Which of the following MOST REGULARLY brings you to Downtown Wichita? (choose all that apply):

☐ Live ☐ Work ☐ Shop ☑ Commute through ☐ Other Eat

What is the MOST IMPORTANT issue for this project to solve?

More A-line $ buses need to come more often

Please provide any other comments on the Downtown Streets Plan.

Protected bike lanes are important - would like downtown more.

Name [illegible] Noah

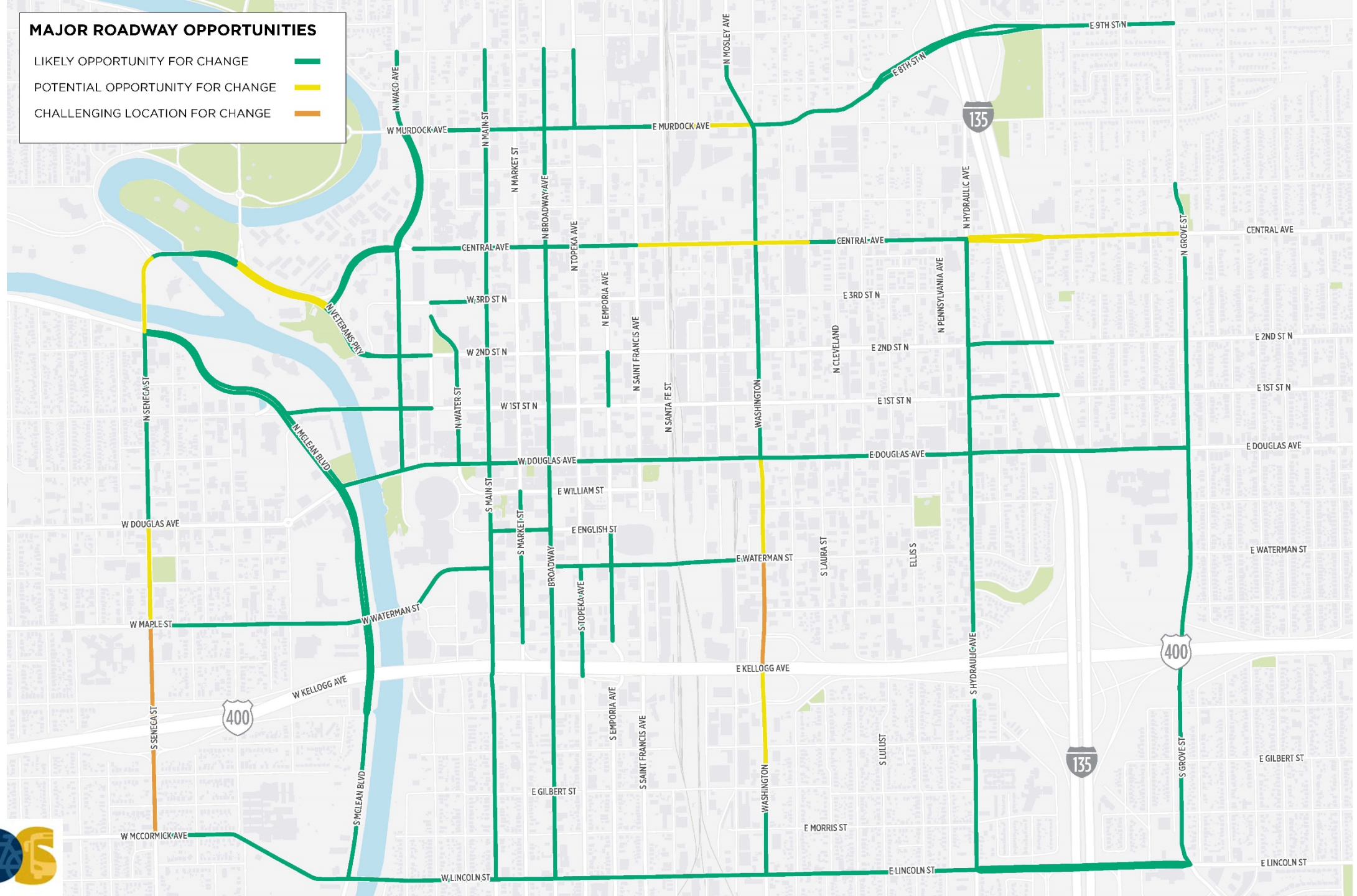
Email Address [illegible]

Phone 316-[illegible]

THANK YOU!

# Riverfest

# Downtown Ideas


MAJOR ROADWAY OPPORTUNITIES
LIKELY OPPORTUNITY FOR CHANGE
POTENTIAL OPPORTUNITY FOR CHANGE
CHALLENGING LOCATION FOR CHANGE
W MURDOCK AVE
E MURDOCK AVE
N WACO AVE
N MAIN ST
N MARKET ST
N BROADWAY AVE
N MOSLEY AVE
E 9TH ST N
E 8TH ST N
135
CENTRAL AVE
N TOPEKA AVE
N EMPORIA AVE
N SAINT FRANCIS AVE
N HYDRAULIC AVE
N GROVE ST
W 3RD ST N
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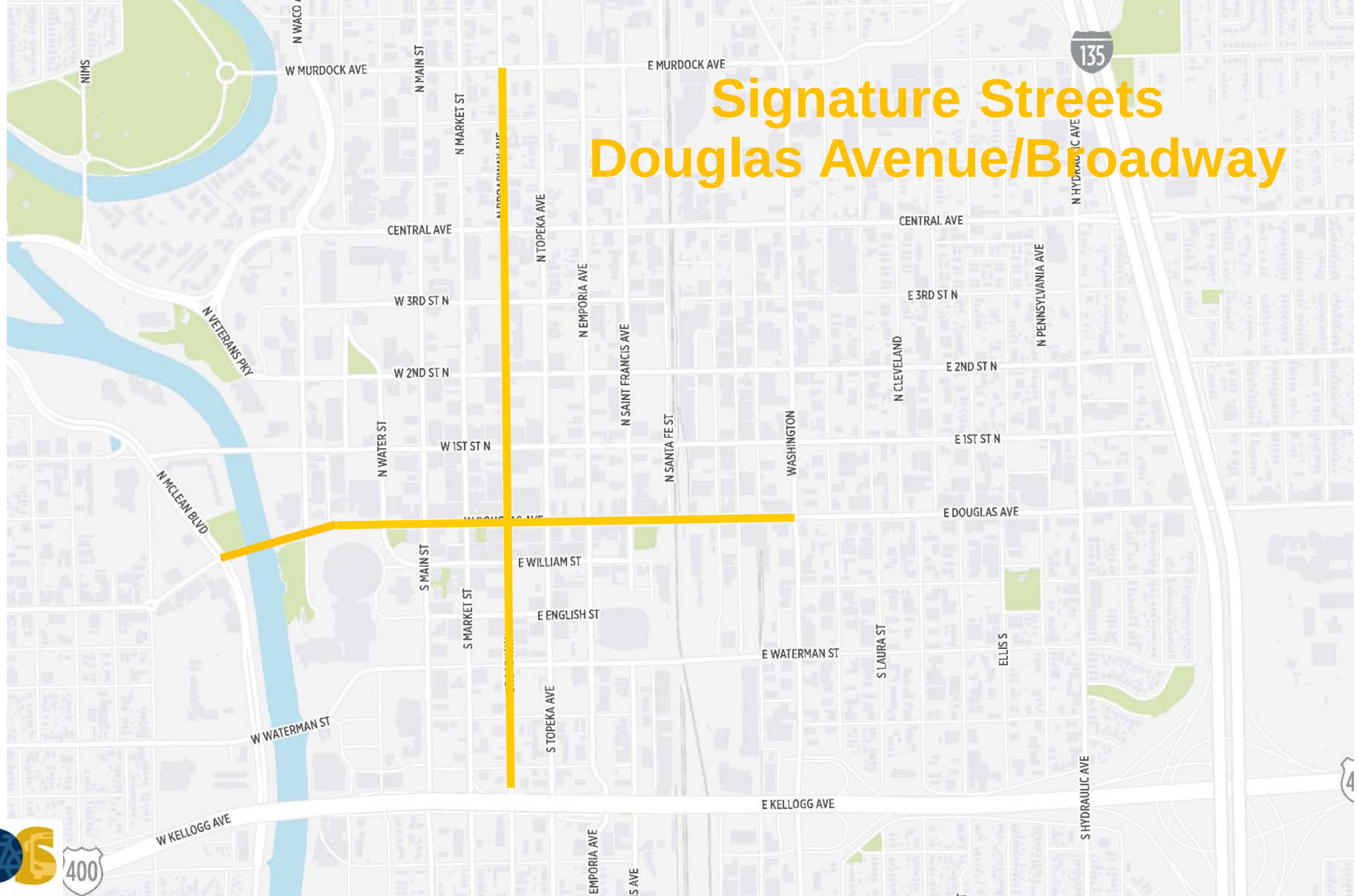
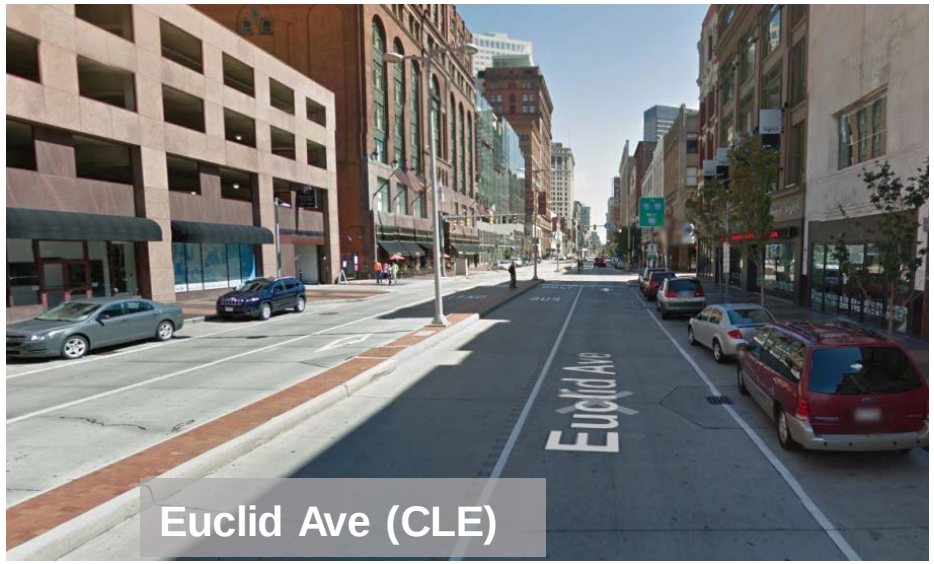
S SAINT FRANCIS AVE
S LULUST
S GROVE ST
E GILBERT ST
S MCLEAN BLVD
E MORRIS ST
W MCCORMICK AVE
W LINCOLN ST
E LINCOLN ST

# Signature Streets
# Douglas Avenue/Broadway



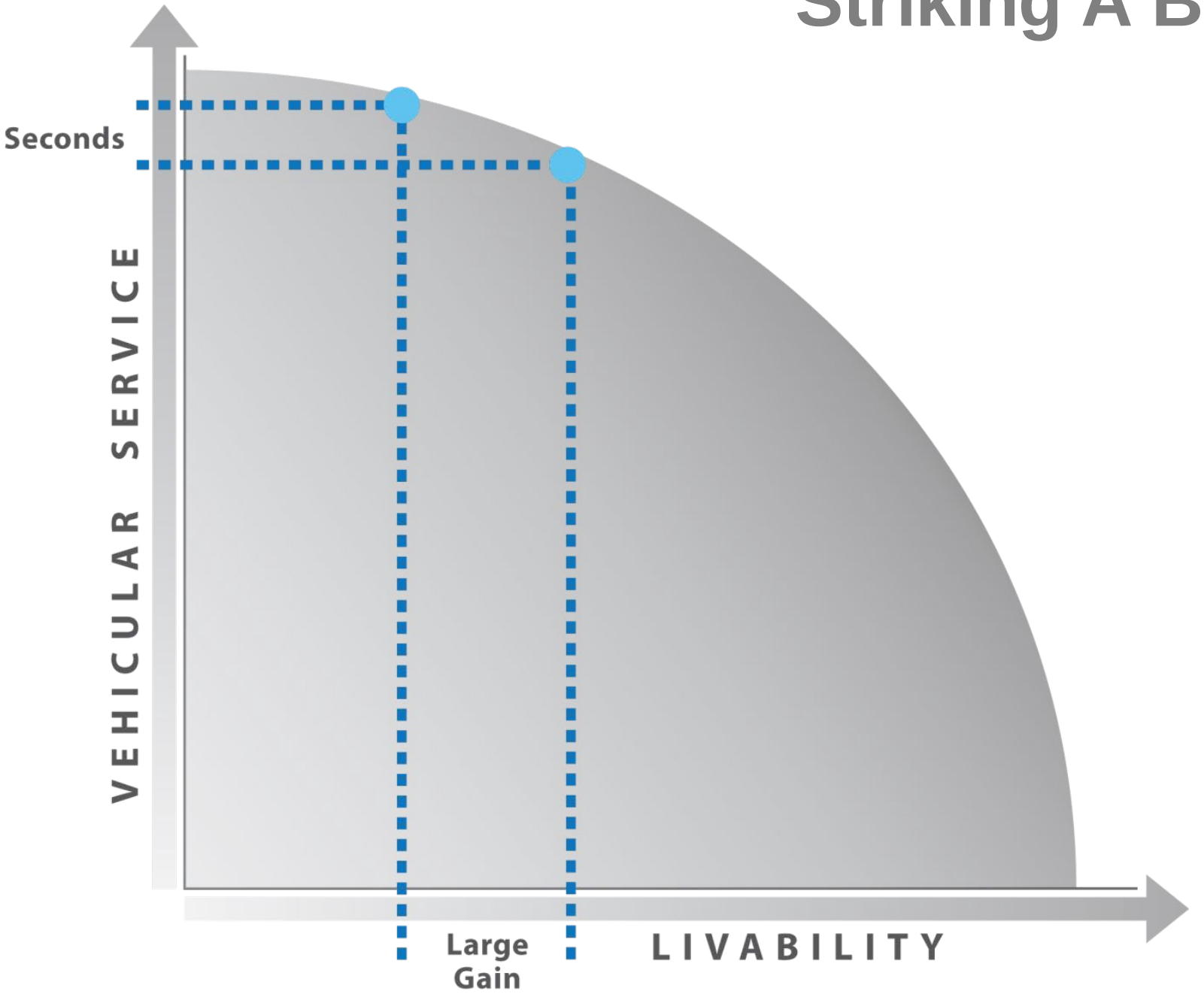
# Economic Vitality



# A Vibrant Street

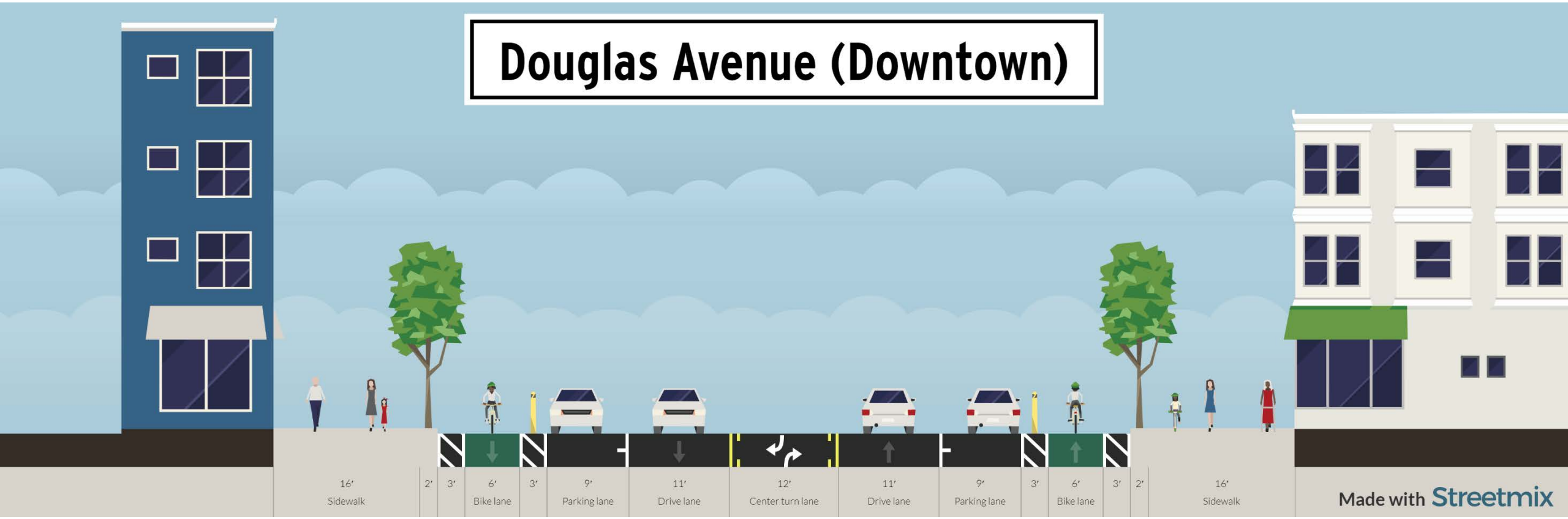
Douglas Avenue

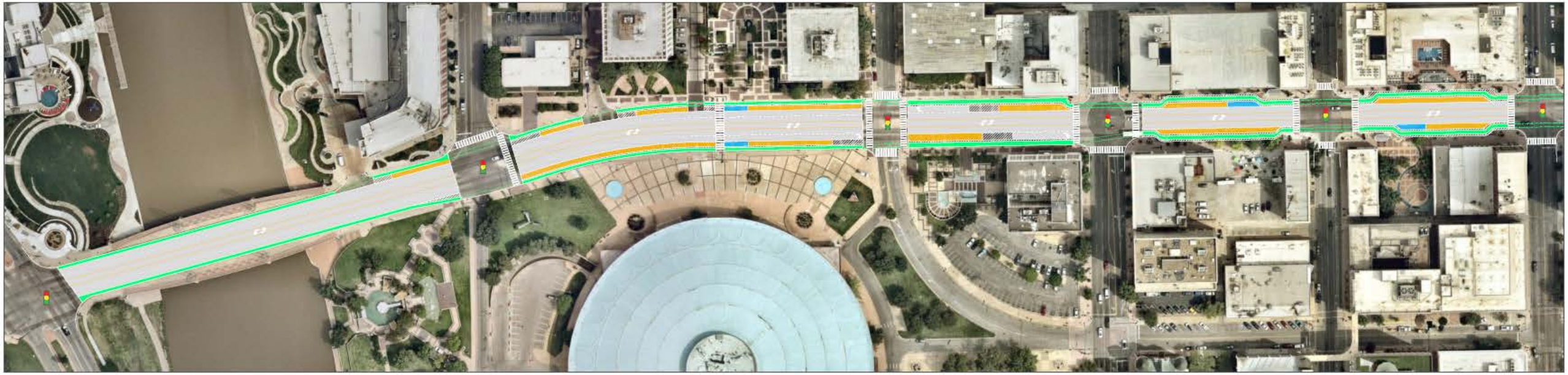
# Striking A Balance

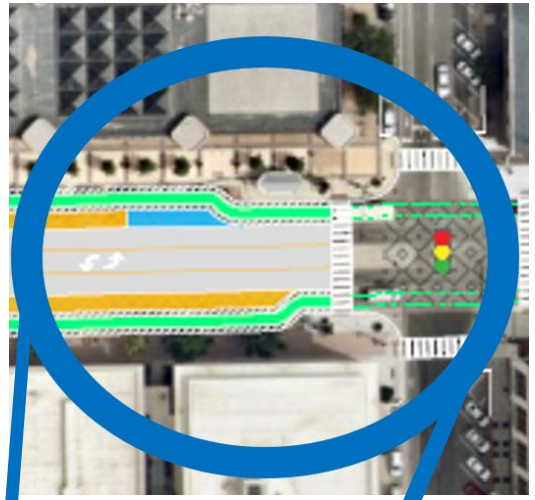


# Douglas Avenue

# Douglas Avenue Downtown





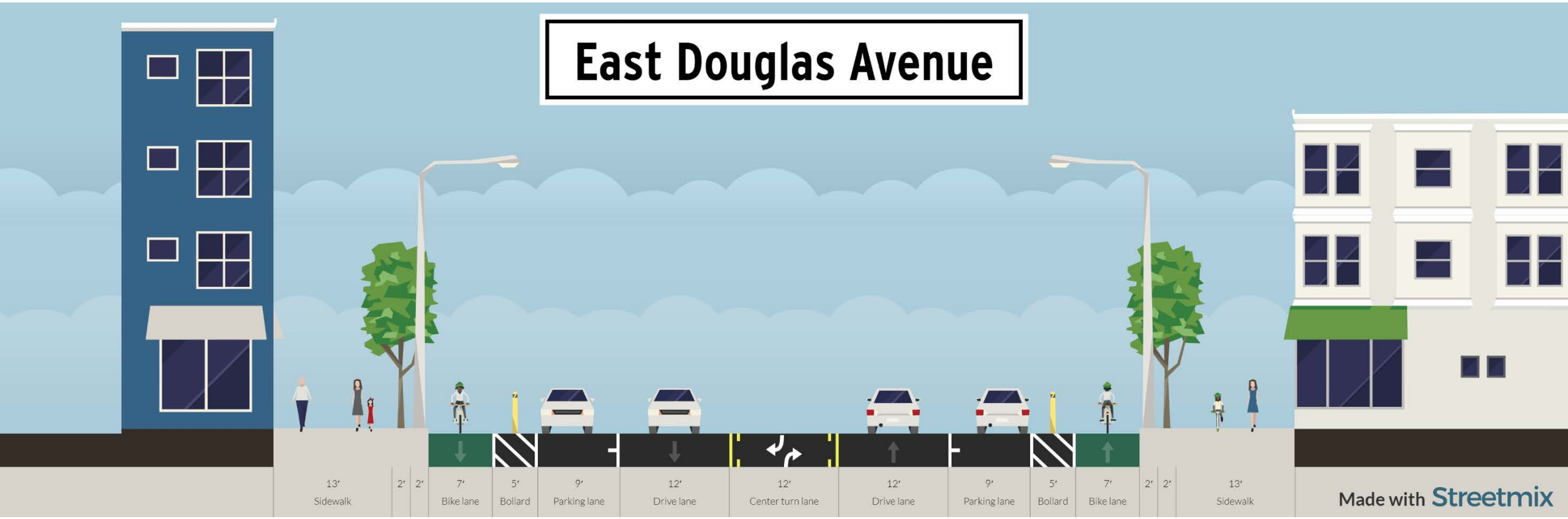


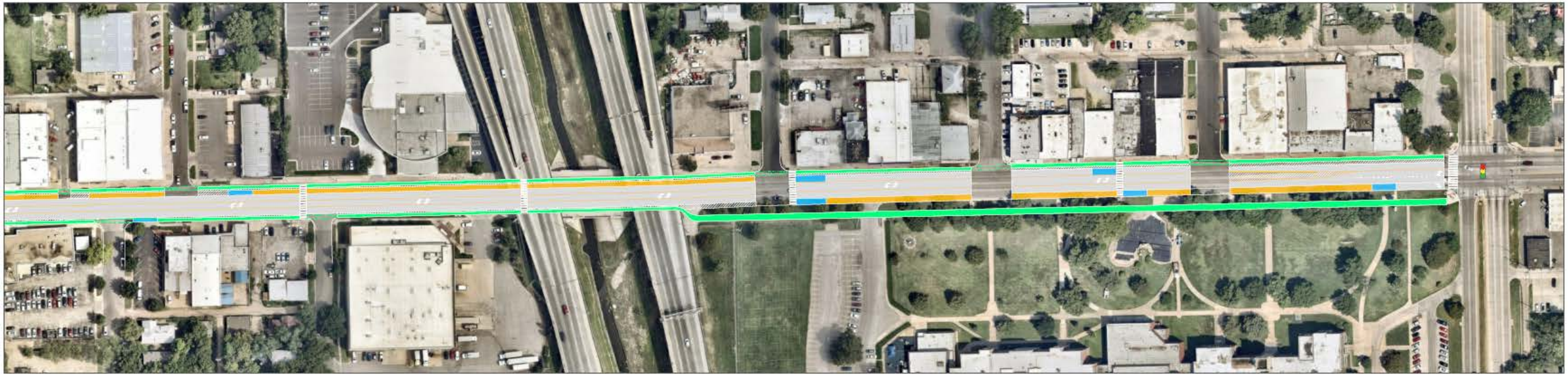
WATER
WANTS YOU
TO GIVE DRY
A TRY.
SAVE
DROP

Market

# Douglas/Washington

# East Douglas Avenue





MudBay
URGENT CARE
Capitol Hill
TOBACCO
MOTI MAHAL
206-323-9189
FREE HOME DELIVERY

ONLY

# Broadway Opportunities

A Signature Street Should Be:

- Vibrant
- Safe
- Functional For All Users

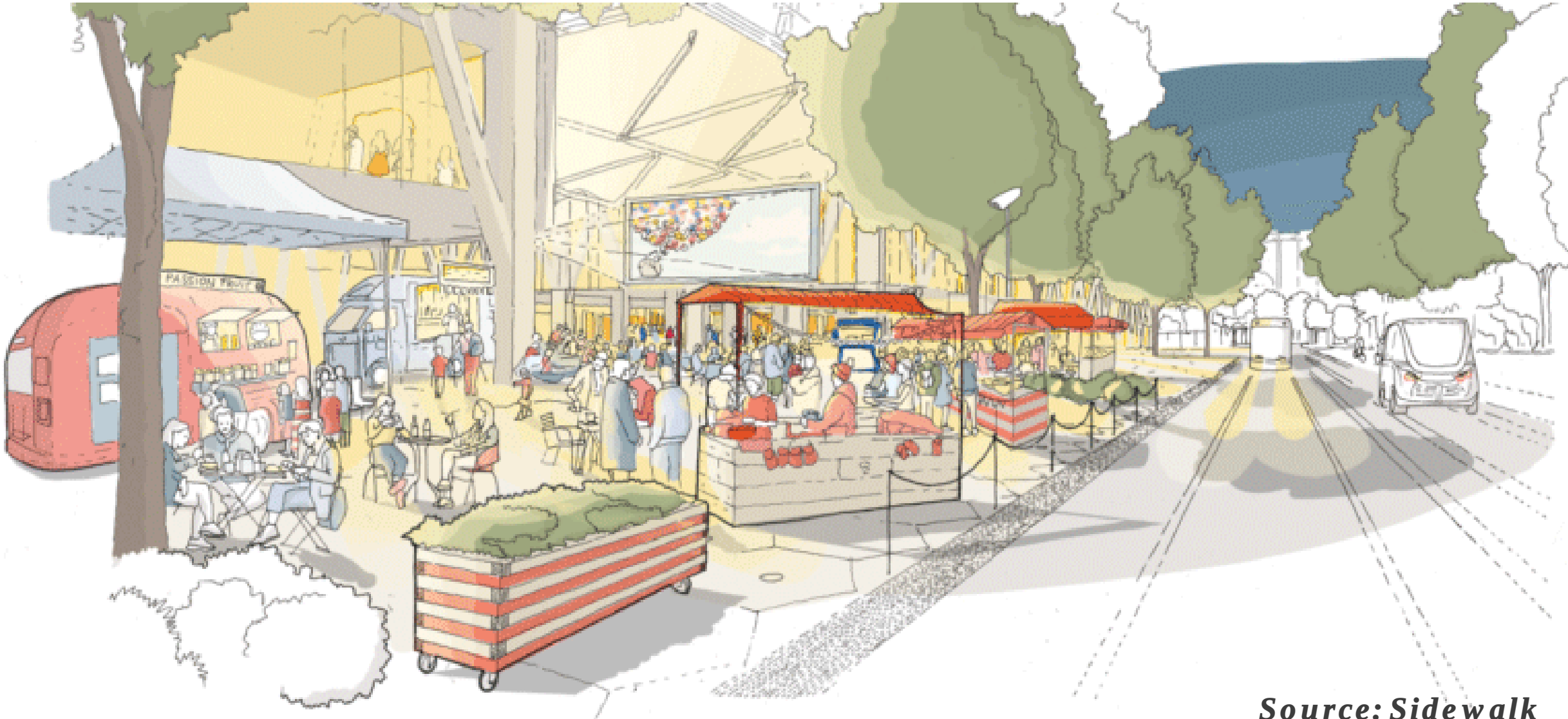
# TRADE OFFS

# Vibrant

Parking Now,
Parklets Later?

We Deliver!

# Future-Proofing



*Source: Sidewalk*

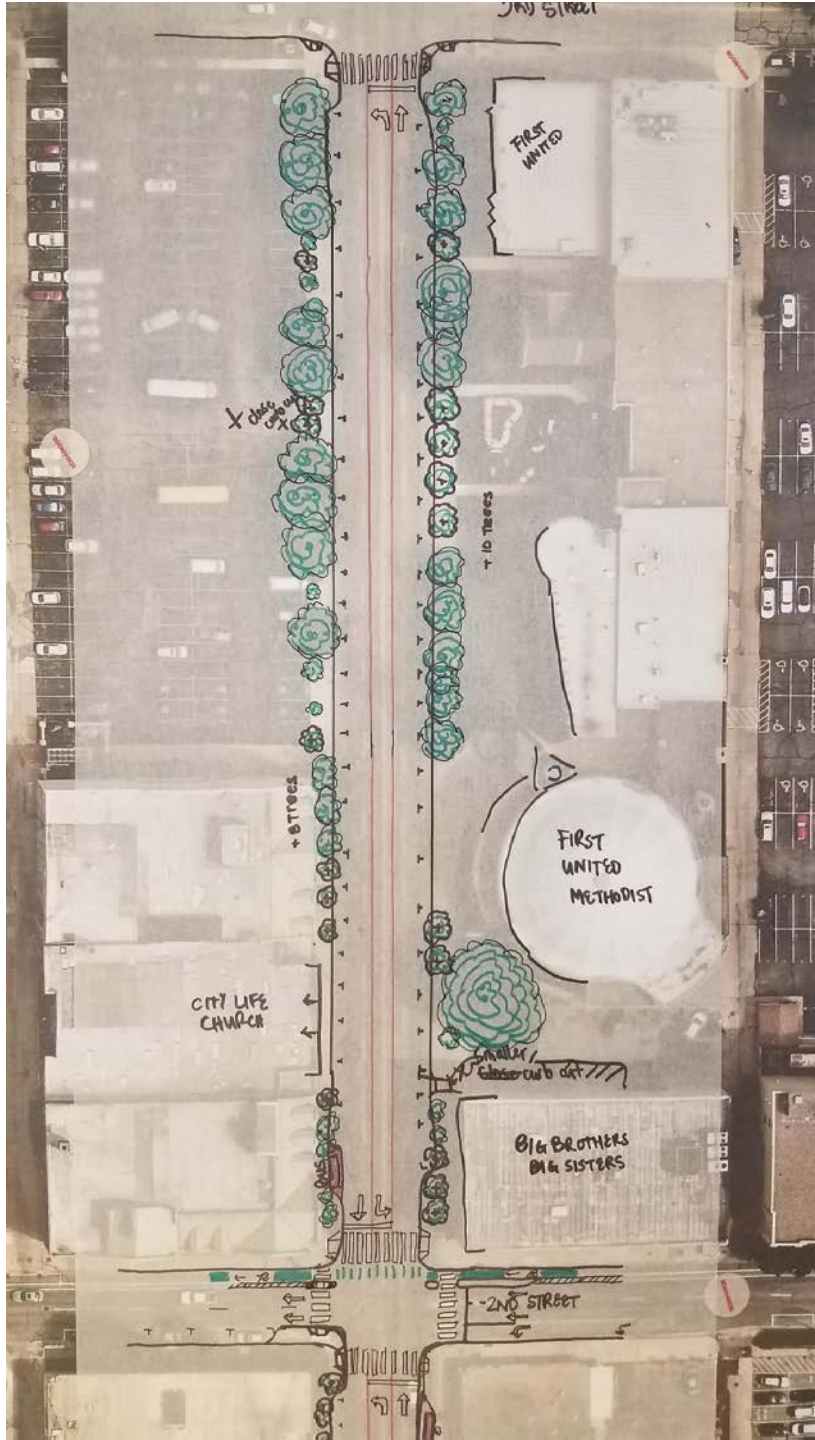
# Future-Proofing

*Source: Sidewalk*

# Safe

Broadway is one of the **top 2 corridors for crashes involving people walking**

(56 crashes over 5 years)



# 3-Lane Section Will Reduce Speeds, Increase Safety

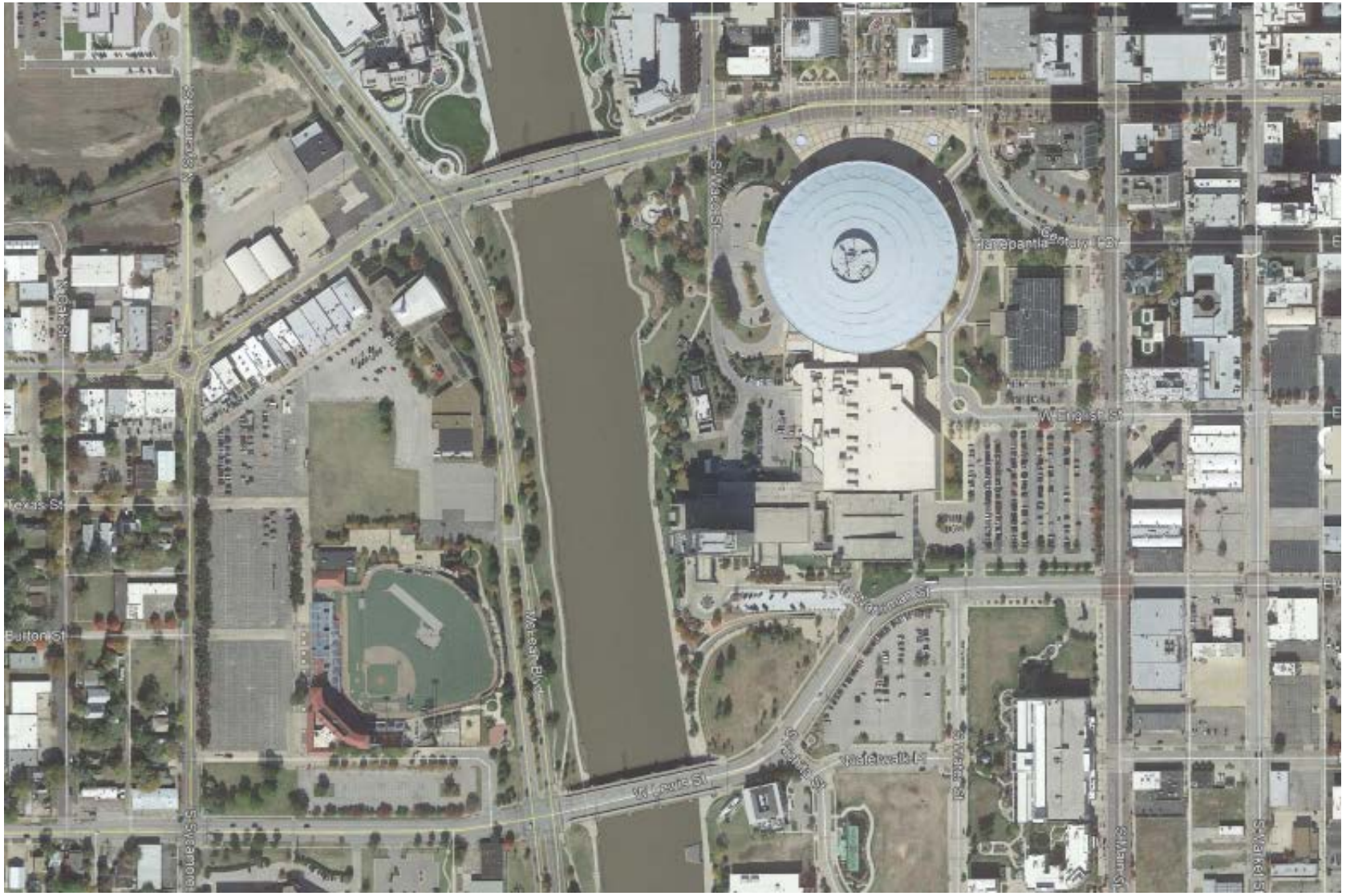
# Need for Crosswalks + Maintenance

# Functional

# Trees for Comfort and Commerce

# Broadway Bus Stops, south of 1st

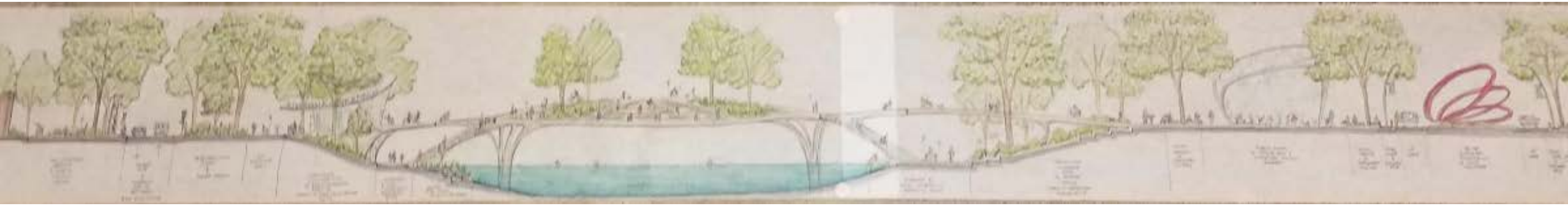
# River Access and Connectivity

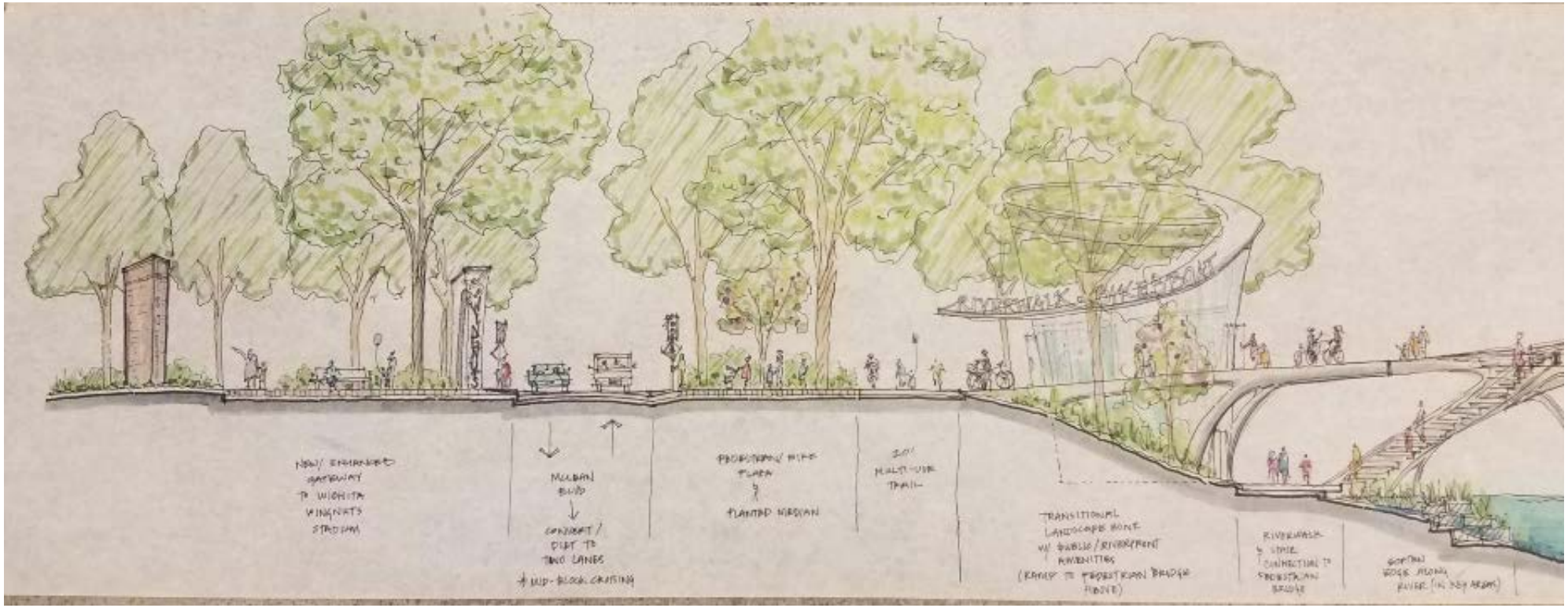


# Century II

RIVER VISTA (RV)
RAIL TRAIL
DRURY
RIVER FRONT RETAIL
WACO ST.
PERFORMING ARTS
WATER ST.
PLAZA
DOUGLAS AVE.
WILLIAM ST.
OVERLOOK
CONVENTION CENTER
PUBLIC LIBRARY
ENGLISH ST.
DELANO
NEW PARK
GATE
HOTEL + CONF. CENTER
BIKEWAY EAST
BIKE/PED BRIDGE
HYAT REGENCY
WATERMAN ST.
NEW BALLPARK
KIOSK RETAIL
MCLEAN
MAIN ST.

# Arkansas River





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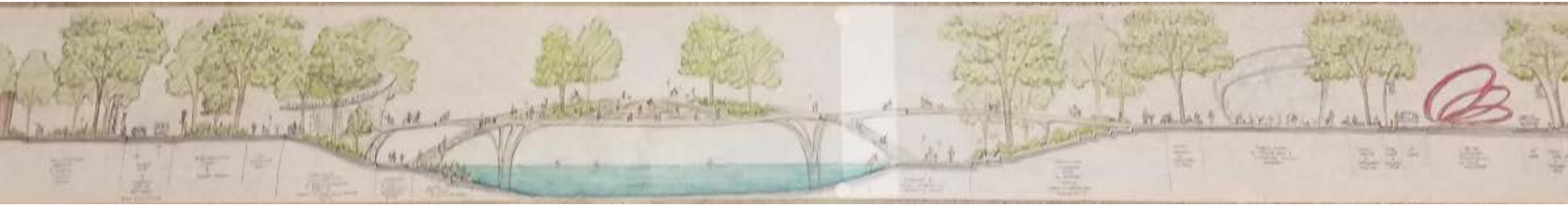
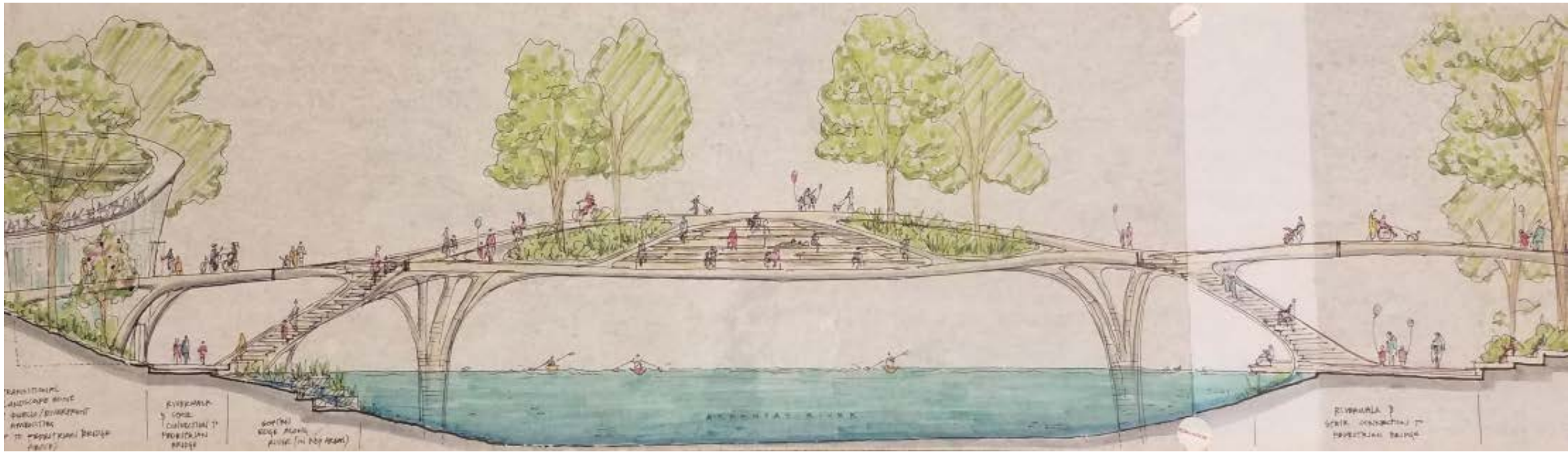
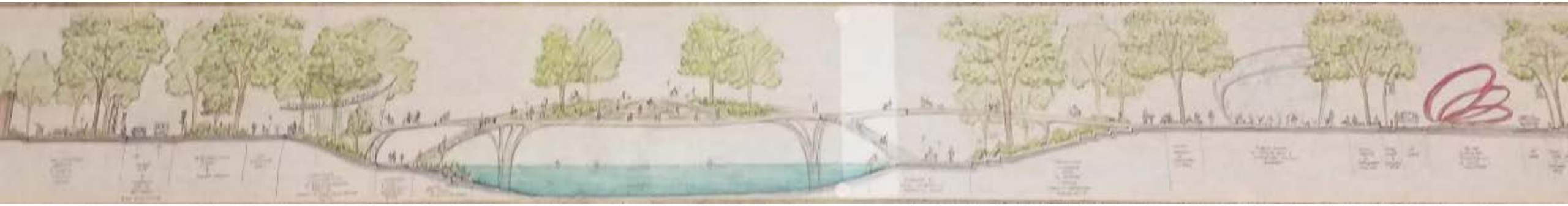
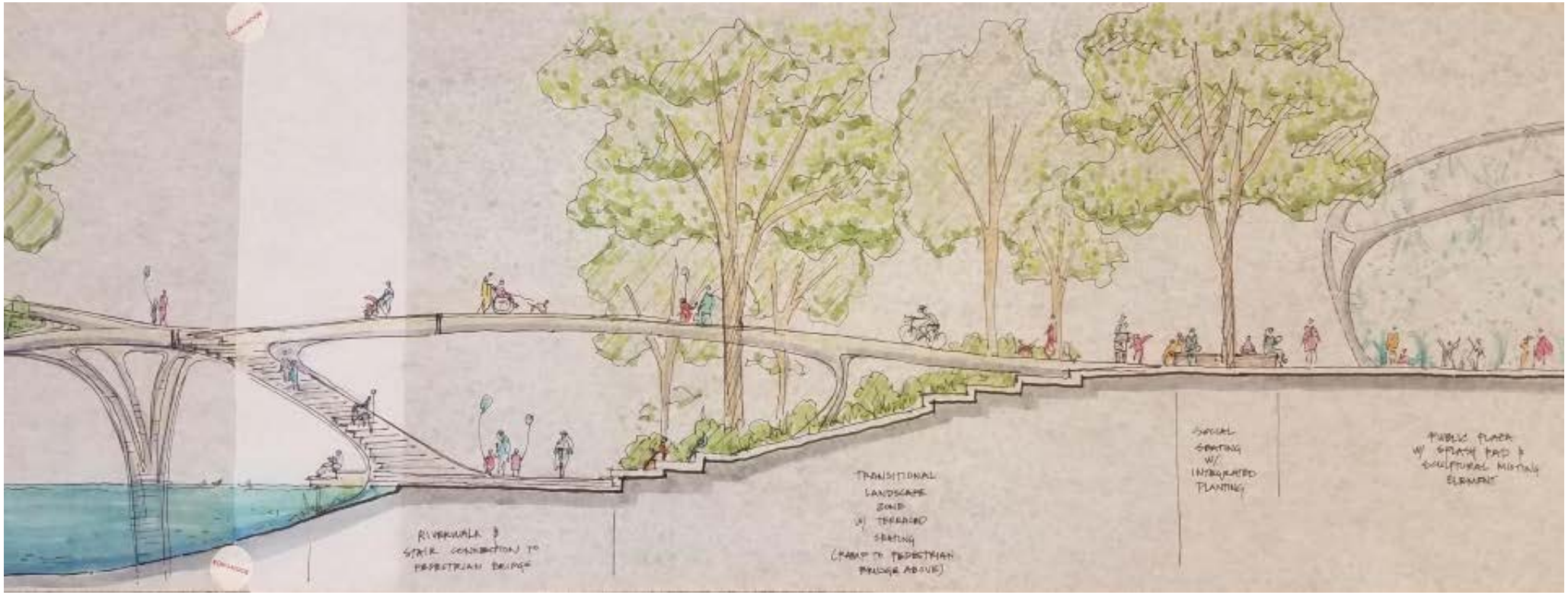


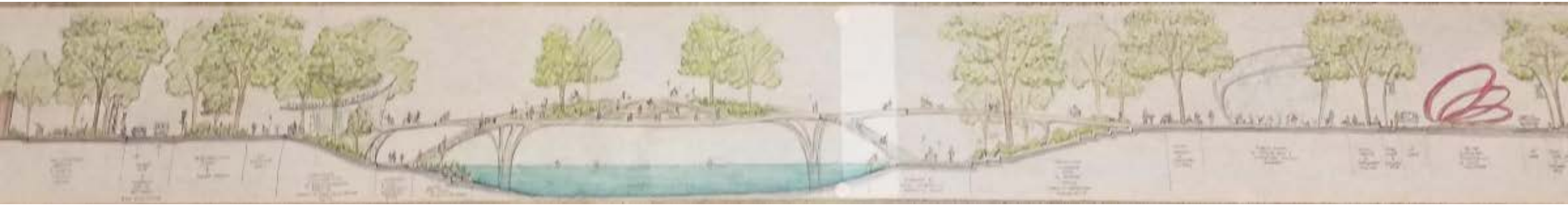


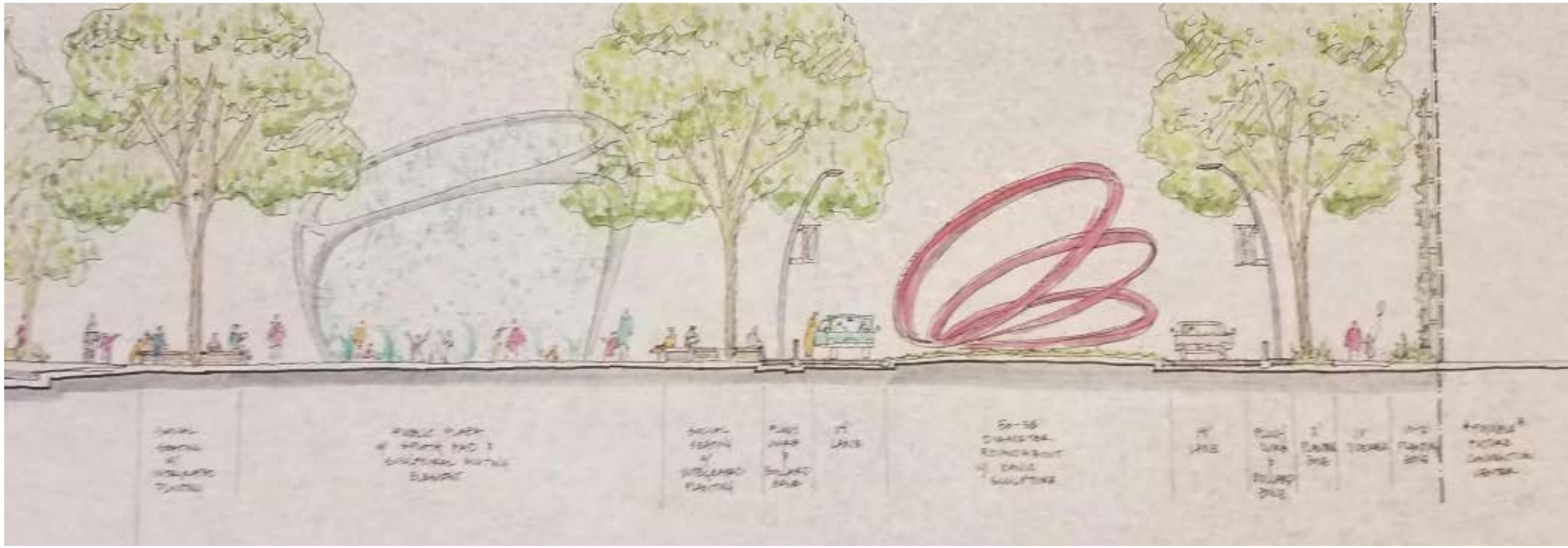
# Arkansas River



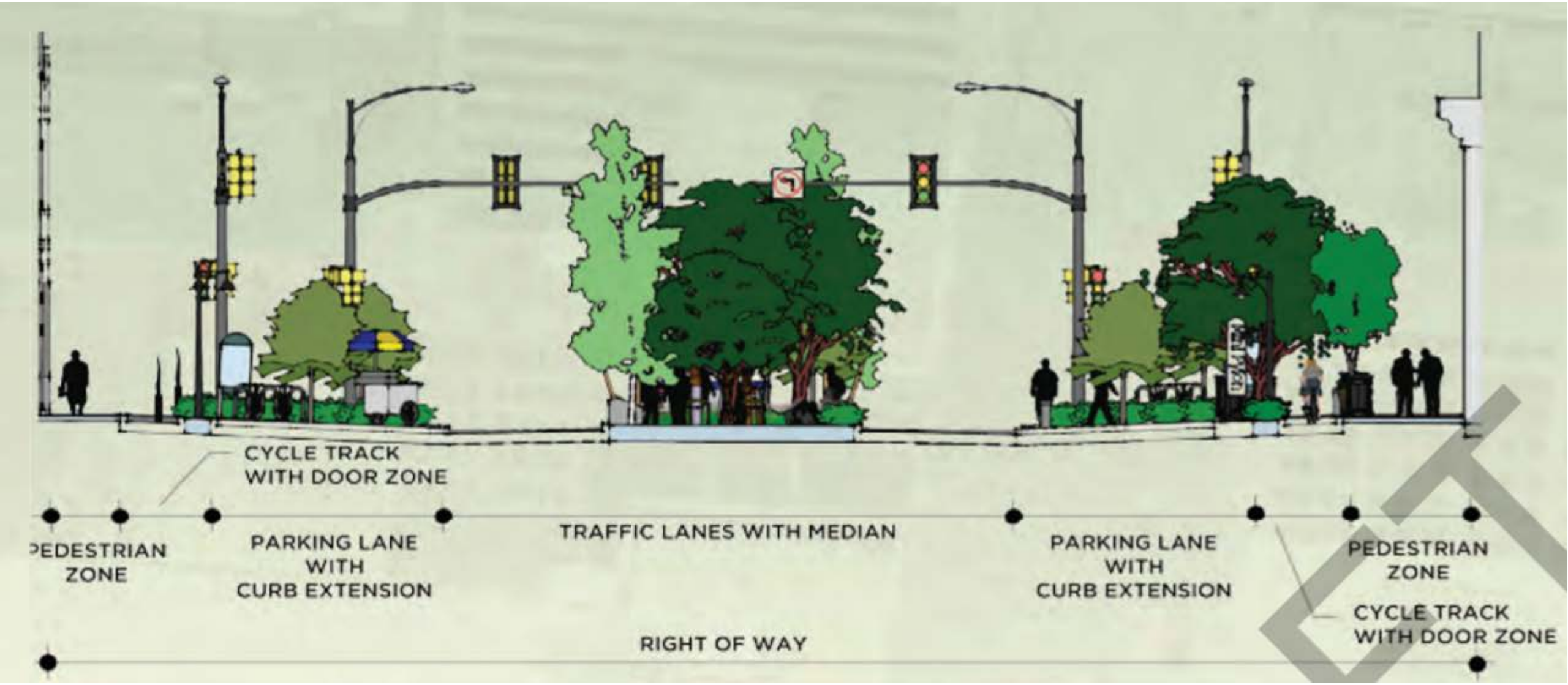


# Arkansas River

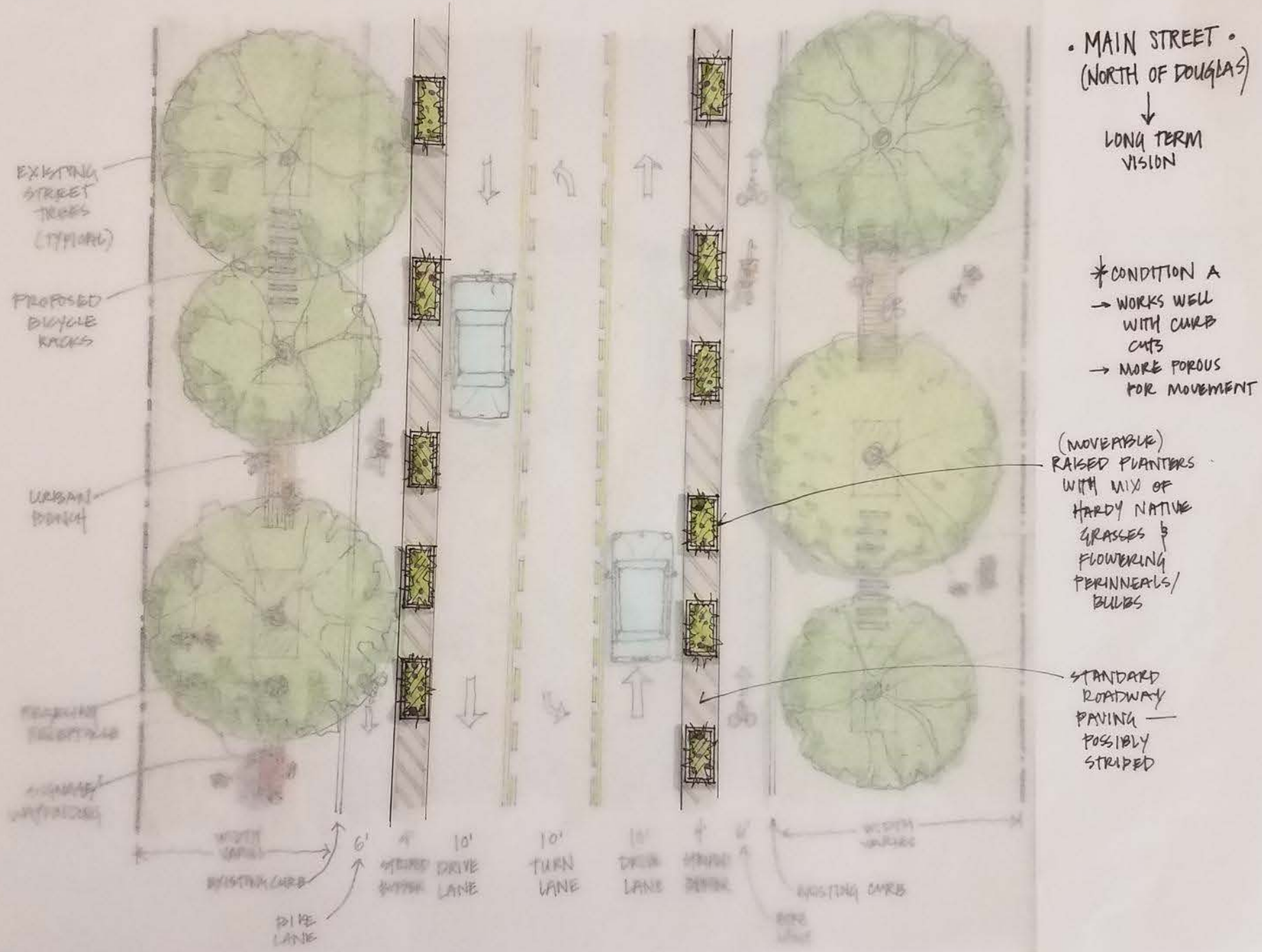




# Main Street Civic Boulevard



WICHITA PUBLIC LIBRARY
CROSSWALK

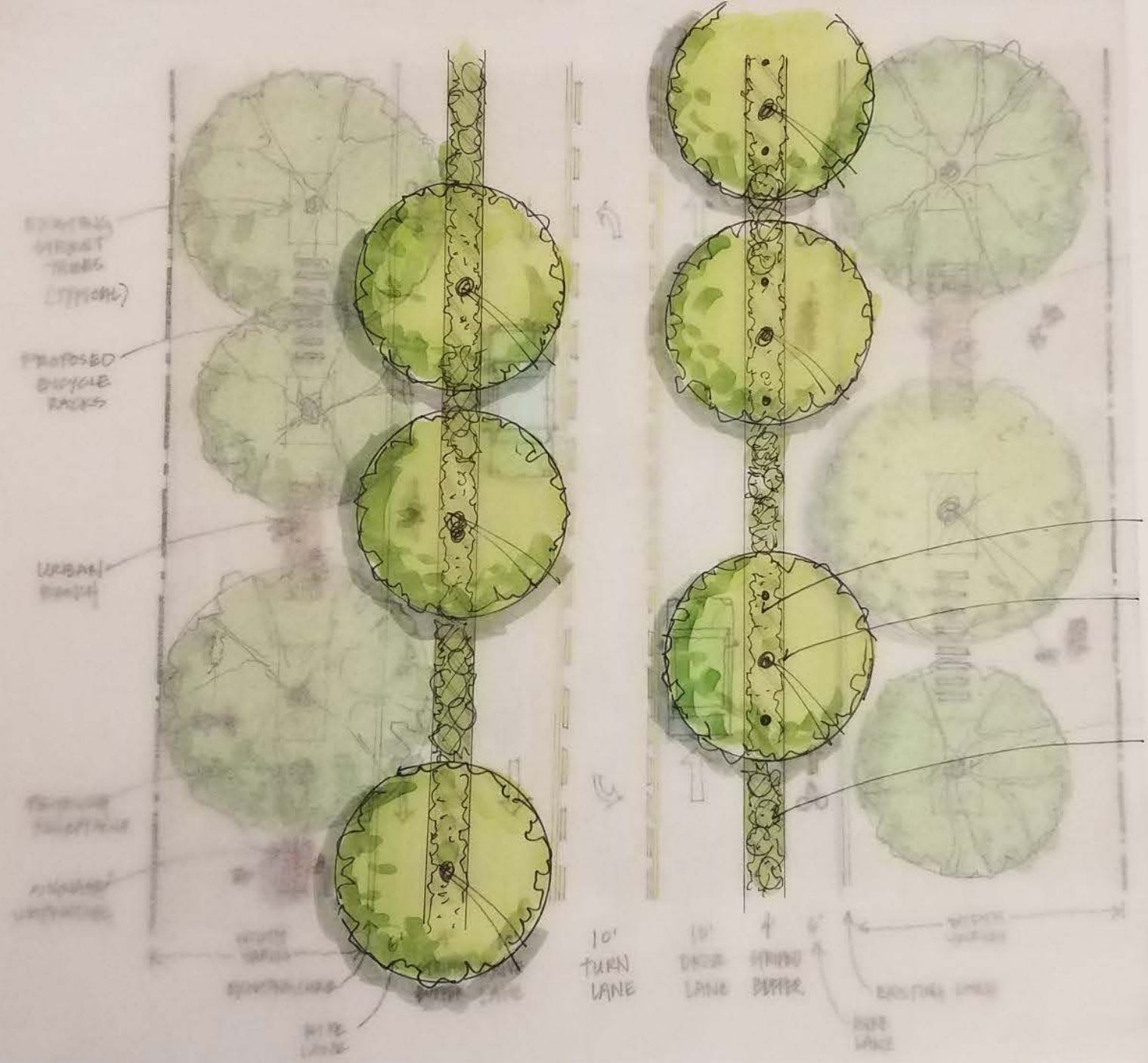



• MAIN STREET •
(NORTH OF DOUGLAS)
↓
LONG TERM VISION

* CONDITION A
→ WORKS WELL WITH CURB CUTS
→ MORE POROUS FOR MOVEMENT

(MOVEABLE) RAISED PLANTERS WITH MIX OF HARDY NATIVE GRASSES & FLOWERING PERINNEALS/ BULBS

STANDARD ROADWAY PAVING — POSSIBLY STRIPED




• MAIN STREET •
(NORTH OF DOUGLAS)
↓
LONG TERM VISION

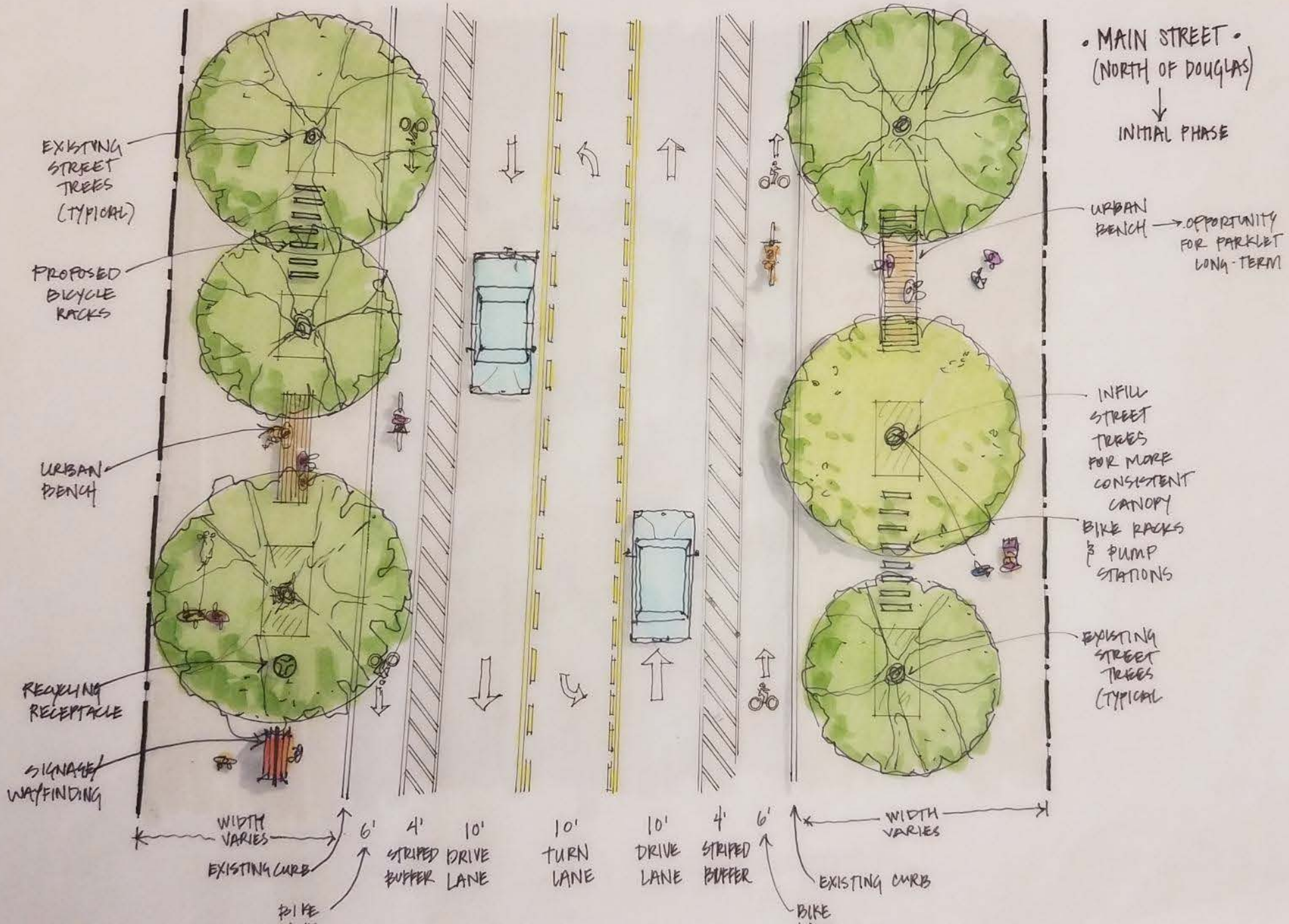
*CONDITION B
→ WORKS WELL IN AREAS THAT HAVE FEW CURB CUTS
→ CREATES A MORE LUSH, BEAUTIFULL STREET
→ PROVIDES MORE SHADE!

CONTINUOUS PLANTING AREA WITH BOLLARDS

NEW STREET TREES

MIX OF NATIVE GRASSES & DROUGHT TOLERANT FLOWERING PERINNEALS

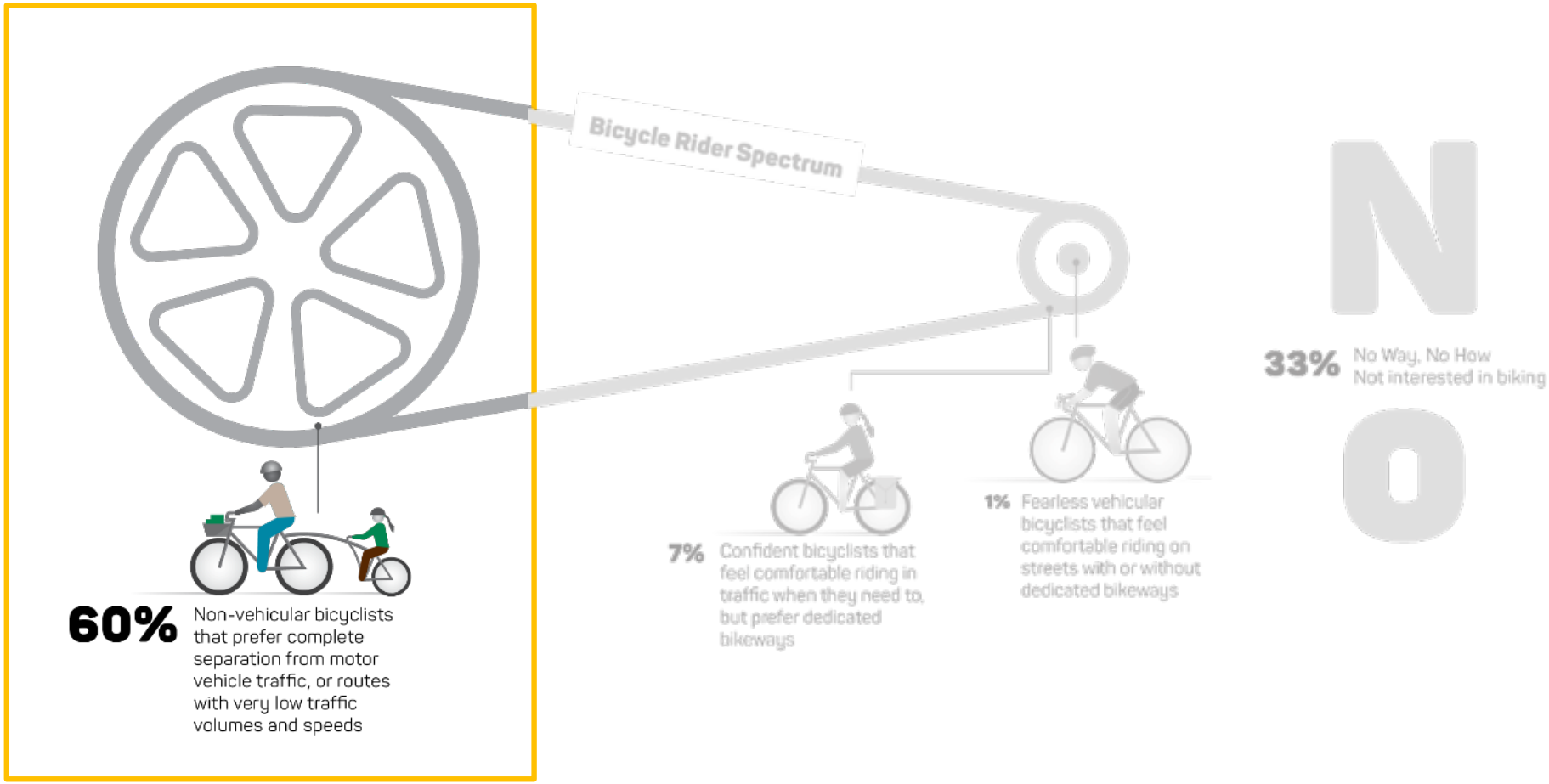
*ALSO POSSIBLE TO INTEGRATE W/ STORMWATER MANAGEMENT
⇓
GREEN STREET INITIATIVE


• MAIN STREET •
(NORTH OF DOUGLAS)
INITIAL PHASE
EXISTING STREET TREES (TYPICAL)
PROPOSED BICYCLE RACKS
URBAN BENCH
RECYCLING RECEPTACLE
SIGNAGE/ WAYFINDING
URBAN BENCH → OPPORTUNITY FOR PARKLET LONG-TERM
INFILL STREET TREES FOR MORE CONSISTENT CANOPY
BIKE RACKS & PUMP STATIONS
EXISTING STREET TREES (TYPICAL
WIDTH VARIES
EXISTING CURB
6'
4' STRIPED BUFFER
10' DRIVE LANE
10' TURN LANE
10' DRIVE LANE
4' STRIPED BUFFER
6'
WIDTH VARIES
EXISTING CURB
BIKE

# Cycle Design Is Not One-Size-Fits-All

# Understanding Potential Users

## Who is the Market?




*Data Source: Portland Department of Transportation*

# Waterman East-West Trail

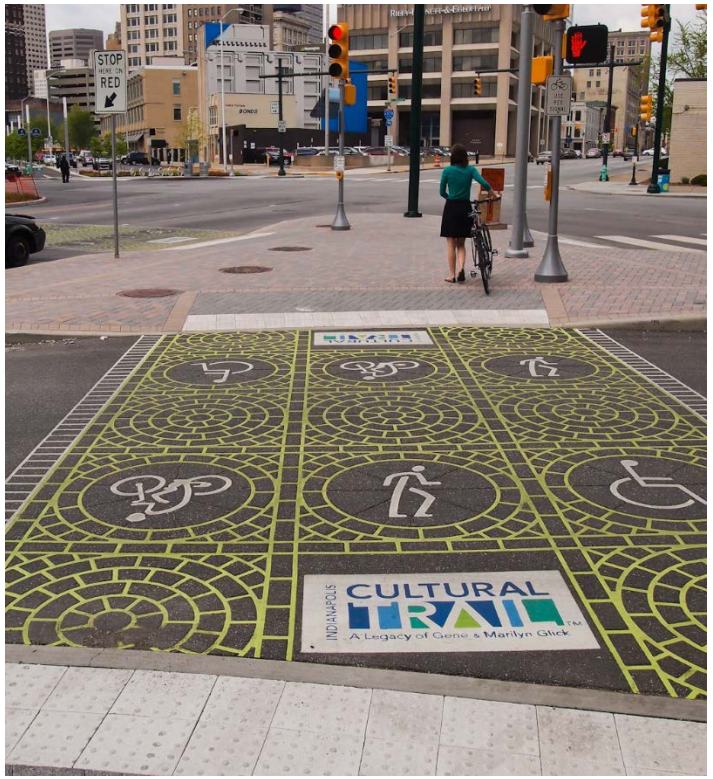
7′
Sidewalk
10′
Planting strip
6′
Bike lane
3′
8′
Parking lane
12′
Drive lane
12′
Center turn lane
12′
Drive lane
2′
6′
Bike lane
14′
Planting strip
8′
Sidewalk
Made with Streetmix

# Indianapolis Cultural Trail

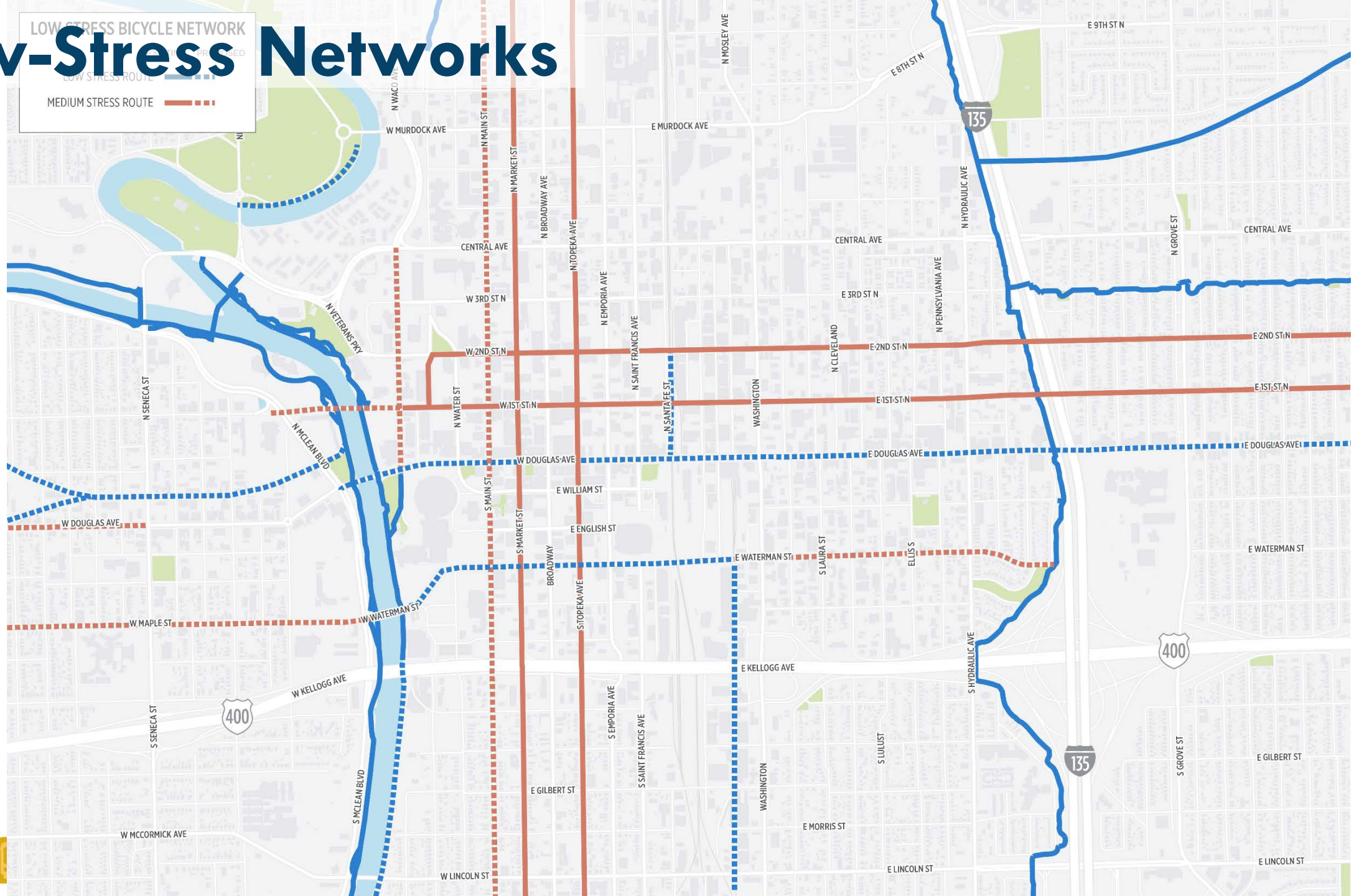
# Indianapolis Cultural Trail

# Indianapolis Cultural Trail

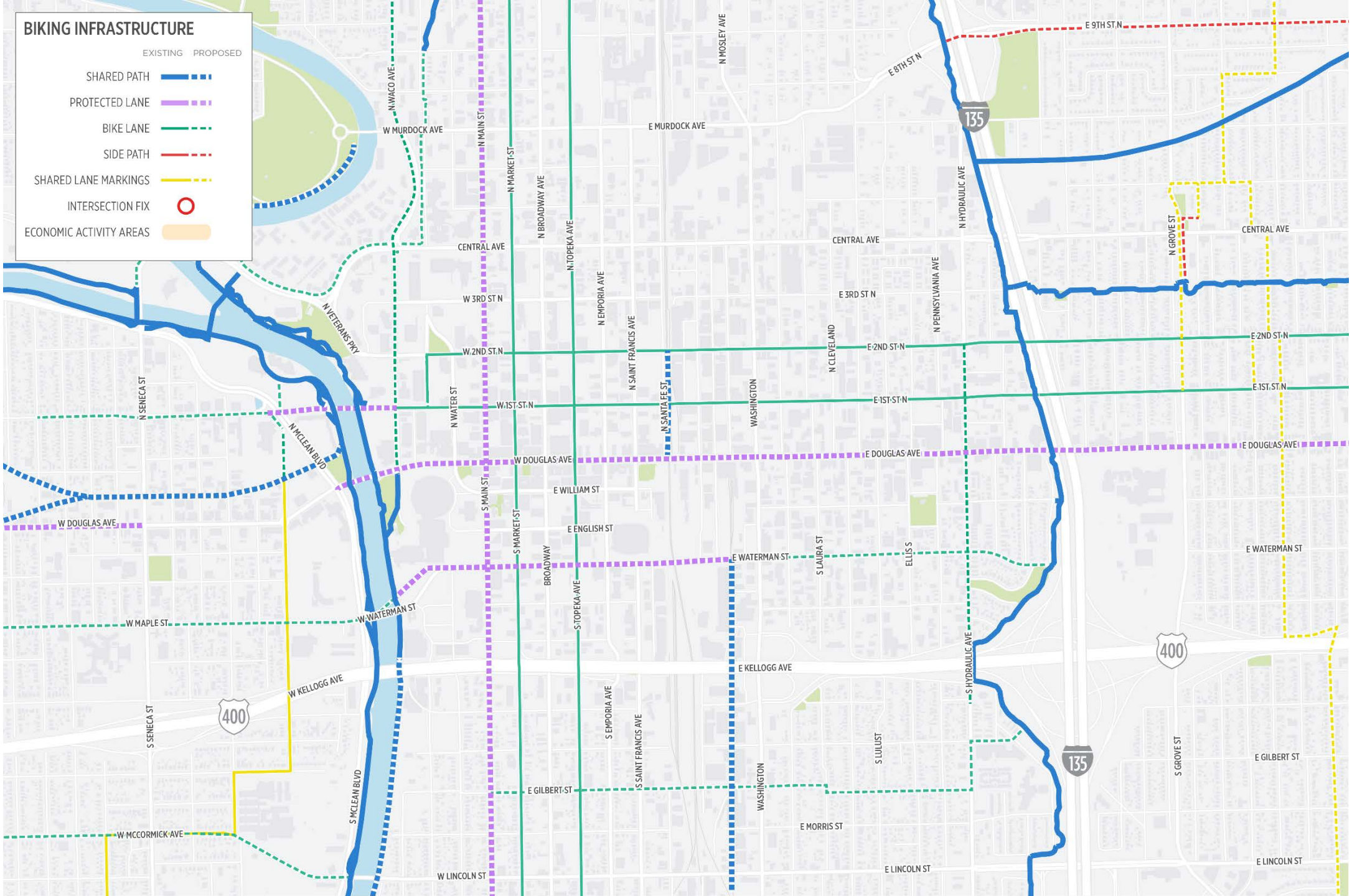
# Indianapolis Cultural Trail



# Low-Stress Networks



# Mosley Connector


BIKING INFRASTRUCTURE
EXISTING
PROPOSED
SHARED PATH
PROTECTED LANE
BIKE LANE
SIDE PATH
SHARED LANE MARKINGS
INTERSECTION FIX
ECONOMIC ACTIVITY AREAS
E 9TH ST N
E 8TH ST N
N MOSLEY AVE
N WACO AVE
W MURDOCK AVE
E MURDOCK AVE
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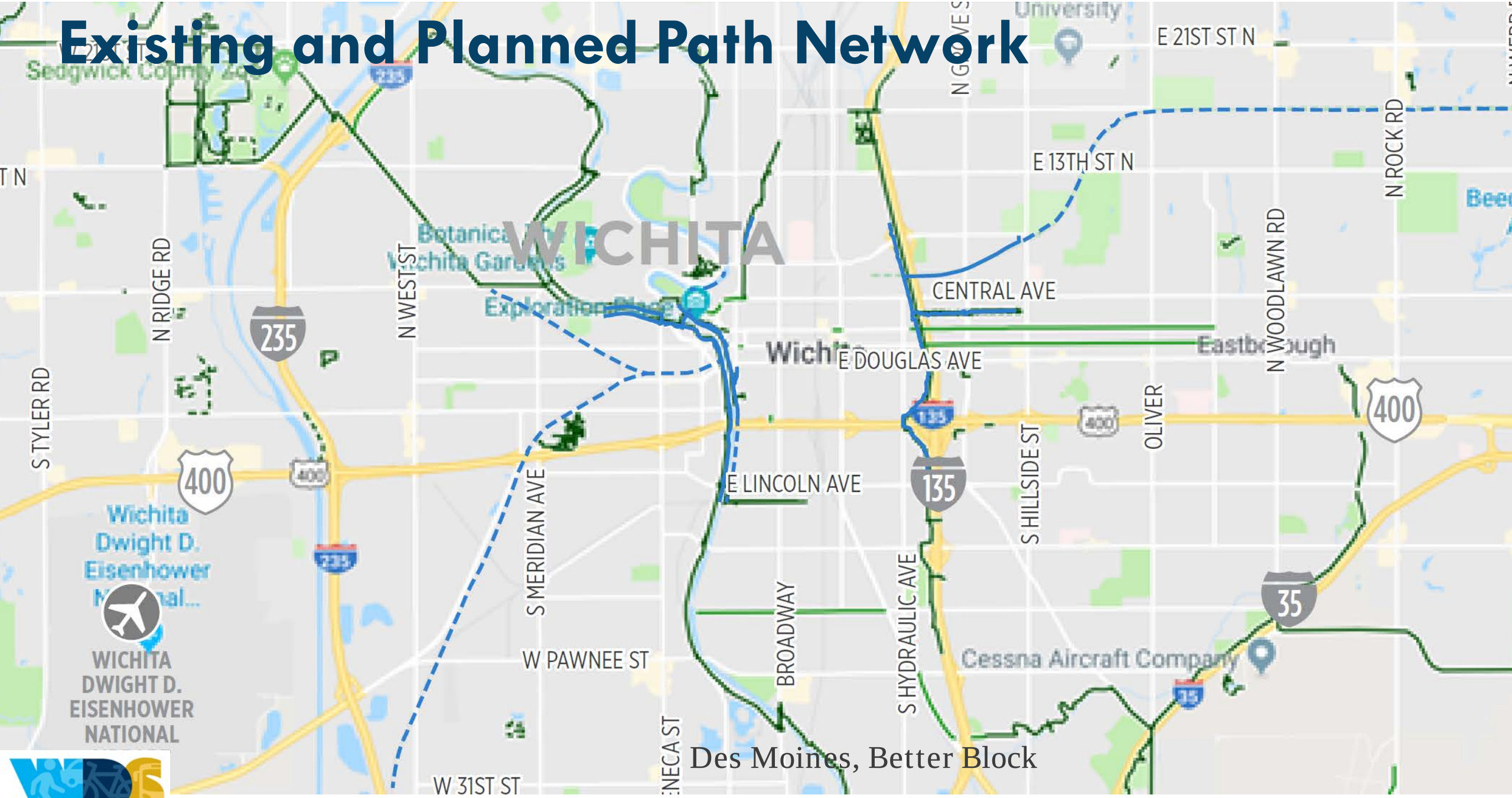
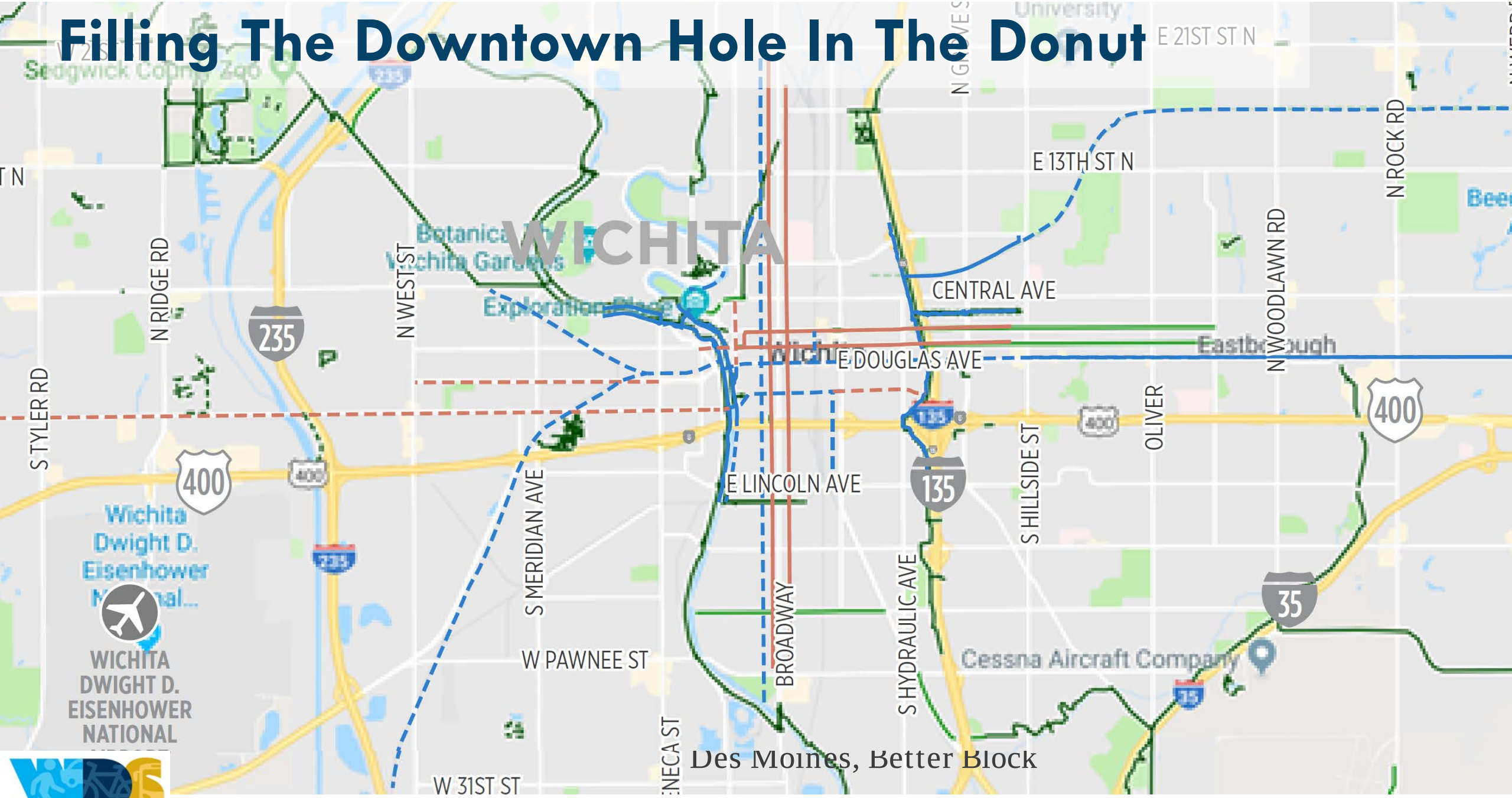
W LINCOLN ST
E LINCOLN ST
135
400

# Existing and Planned Path Network




Des Moines, Better Block

# Filling The Downtown Hole In The Donut




Des Moines, Better Block

# One-Way and Two-Way Streets

# One-Way to Two-Way Conversions

- Contemplated by 2010 Project Downtown Master Plan
  - St. Francis (Complete)
  - William (Complete)
  - English
  - Main (north of Douglas)

- Newly Recommended
  - Emporia

# One-Way to Two-Way Conversions

- **Considerations**
  - Economic opportunities
    - Local economy gain should exceed cost of implementation
  - Community Interest
  - Example
    - Signal upgrades can be about $200k per intersection
      - English's 4 traffic signals = $800k
      - Opportunities to reduce costs by removing unneeded traffic signals

# Santa Fe

San Francisco

Auckland, NZ

Pittsburgh

Seattle

# Implementation

Wichita
Downtown
Streets

# Funding

- Capital Budget

# Funding

- Capital Budget
- Business Improvement Districts
- Tax Increment Financing
- Grants (State, National, Foundation)

# Funding

- Capital Budget
- Business Improvement Districts
- Tax Increment Financing
- Grants (State, National, Foundation)
- Public Funding

# Oklahoma City

OKLAHOMA CITY
STREETCAR

# Demonstration Projects

- Short-term
- Test of ideas
- Movable parts
- National practice

# Temporary Materials and Movable Parts

Des Moines, Better Block

# Wichita Better Block, 2012

THANK YOU