

Madison Street Improvement Project

Village Board of Trustees

October 29, 2018 – Village Board Meeting

Madison Street

- Project History
- Project Overview
- Resurfacing & Road Diet Project (2019)
- Streetscape Project (2020)

Project History

Previous Board Items

- In October 2010, the Village Board adopted a Resolution supporting the “Complete Streets” concept which recommends that a Village-wide policy be crafted. The Consultant has incorporated this concept into their streetscape recommendation for Madison Street. The complete streets concept is to provide equal opportunity to all modes of transportation which includes bicycling, vehicular, pedestrian, public transportation in order to reduce traffic congestion while improving air quality and in general quality of life.
- On November 22, 2010, the Village Board approved a Resolution Authorizing the Execution of a Contract with Altamanu, Inc. to Prepare Streetscape Design Scenarios for Madison Street for Phase 1.
- In December 2010, the Consultant began work on this project. In early December 2010 staff recommended, and the Board supported, a Committee that consisted of the Madison Street Coalition members as well as various staff for a total of seventeen (17) members. On the most part, this Committee met each month, sometimes twice a month throughout the process until such a time the Consultants had a final product.
- In April 2011, the Consultants presented to the Madison Street Business Association. Their reaction was positive.
- In May and June 2011, the Committee along with the Consultant held two public input meetings at Julian Middle School. Approximately 2,500 postcards were mailed to property and business owners along the corridor. Public reaction was mixed. Some concerns were; the project would create more traffic in adjacent neighborhoods, there is a need for a wider roadway for quick trips from one end of Madison Street to the other, and there is a need for more parking for businesses. Those in favor suggest the new street would improve safety for children as many cross Madison Street, safer street for bicyclists, more green space, reduced speeds, etc.
- On November 28, 2011, the consultants, staff, and steering committee presented their findings and recommendations for street modifications. The modifications include the “complete streets” concept adopted by the Village Board, a road diet where five lanes (including a landscaped median strip and turn lanes) are reduced to three lanes (including a center turn lane) with bike lanes, as well as streetscape amenities. The streetscape amenities include new pedestrian street lighting, furniture, sidewalks and crosswalk enhancements. The Village Board had several questions for staff and the consultants from this meeting. The responses were provided in early December 2011.
- On January 3, 2012 the Village Board adopted a Complete Streets Policy for Village Capital Improvement Projects and Public Improvement Design.
- On April 4, 2012, another presentation was made to provide the Village Board with additional requested information and to solicit further direction. Staff recommended that the Village Board support the Committee’s recommendation and proceed with further discussion on streetscape development, whether full development or partial development of the corridor.
- On July 29, 2013, Staff presented three street enhancement alternatives for Village Board consideration at a Study Session.
- On April 13, 2015, staff gave a presentation to the Village Board on the Madison Street enhancement project along with an overview of the TIF District, zoning, and economic development.
- On June 29, 2015, staff gave a presentation to the Village Board on the Madison Street enhancement project and phased implementation plan.
- On September 8, 2015, the Village Board approved agreements with Christopher B. Burke Engineering, Ltd. for Design Engineering, with Altamanu, Inc. for Landscape Architectural Services, and with V3 Companies of Illinois Ltd. for Surveying Services for the Madison Street Streetscape project.
- On April 18, 2016, the Village Board approved an Amendment to the Professional Services Agreement with Christopher B. Burke Engineering, Ltd. for the design engineering for the Madison Street Streetscape and road diet project for an additional \$360,858
- On June 13, 2016 staff presented a review of the Madison Street Streetscape Corridor Design to the Village Board.

Project History – Public Involvement

Previous Board Items

- In October 2010, the Village Board adopted a Resolution supporting the “Complete Streets” concept which recommends that a Village-wide policy be crafted. The Consultant has incorporated this concept into their streetscape recommendation for Madison Street. The complete streets concept is to provide equal opportunity to all modes of transportation which includes bicycling, vehicular, pedestrian, public transportation in order to reduce traffic congestion while improving air quality and in general quality of life.
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Project History – Board Direction

Previous Board Items

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Project Overview - Scope

- VOP Board Recommended Scope - 2015
 - Streetscaping Oak Park Ave to East Ave.
 - Road Diet for entire length Madison
 - Bike lane/buffered bike lanes outside of streetscaping portion
 - Cycle tracks within streetscaping area
 - Spot Safety Improvements

Project Overview – Conformity with Complete Streets Policy

- Project's Process and Design Incorporates Complete Streets Concepts
 - Public input gathered at two public open houses in 2011, steering committee meetings, and at Village Board meetings
 - Design incorporated existing bike planning documents and recommendations where feasible
 - Designed reviewed for all users
 - Pedestrians
 - Upgrading sidewalk ramps to current ADA standards, replacing deteriorated or shifted sidewalk slabs, adding additional street crossings including some with bump outs, refuge islands, and pedestrian activated flashing beacons, and installing larger crosswalk pavement markings to highlight pedestrian crossing areas
 - Mass Transit
 - Coordinated new Pace bus stop locations
 - Passenger Cars
 - Adjusting and optimizing signal timing to mitigate increased travel time through corridor; extending left turn bays at Harlem, East Ave, and Ridgeland to improve traffic flow; creating right turn areas for high demand locations such as Harvey Ave
 - Bicyclists
 - Adding on-street bike lanes and buffered bike lanes; using colored pavement markings at areas of conflict between vehicles and cyclists; installing bike detector loops at signalized intersections

Project Overview - Timeline

- Design of streetscape and road diet in 2015 & 2016
- Potential developments and conceptual designs of “bend” in 2016
- Other geometric changes considered with potential developments
- Streetscape design paused in 2017 & 2018 until development concepts finalized
- Street resurfacing and road diet project design finalized in 2018

Resurfacing / Road Diet and Streetscape Projects



- Street Resurfacing and Road Diet Project - 2019
- Streetscape Oak Park to East Ave - 2020
- Streetscape Home Ave to Oak Park Ave - TBD

Resurfacing / Road Diet Project

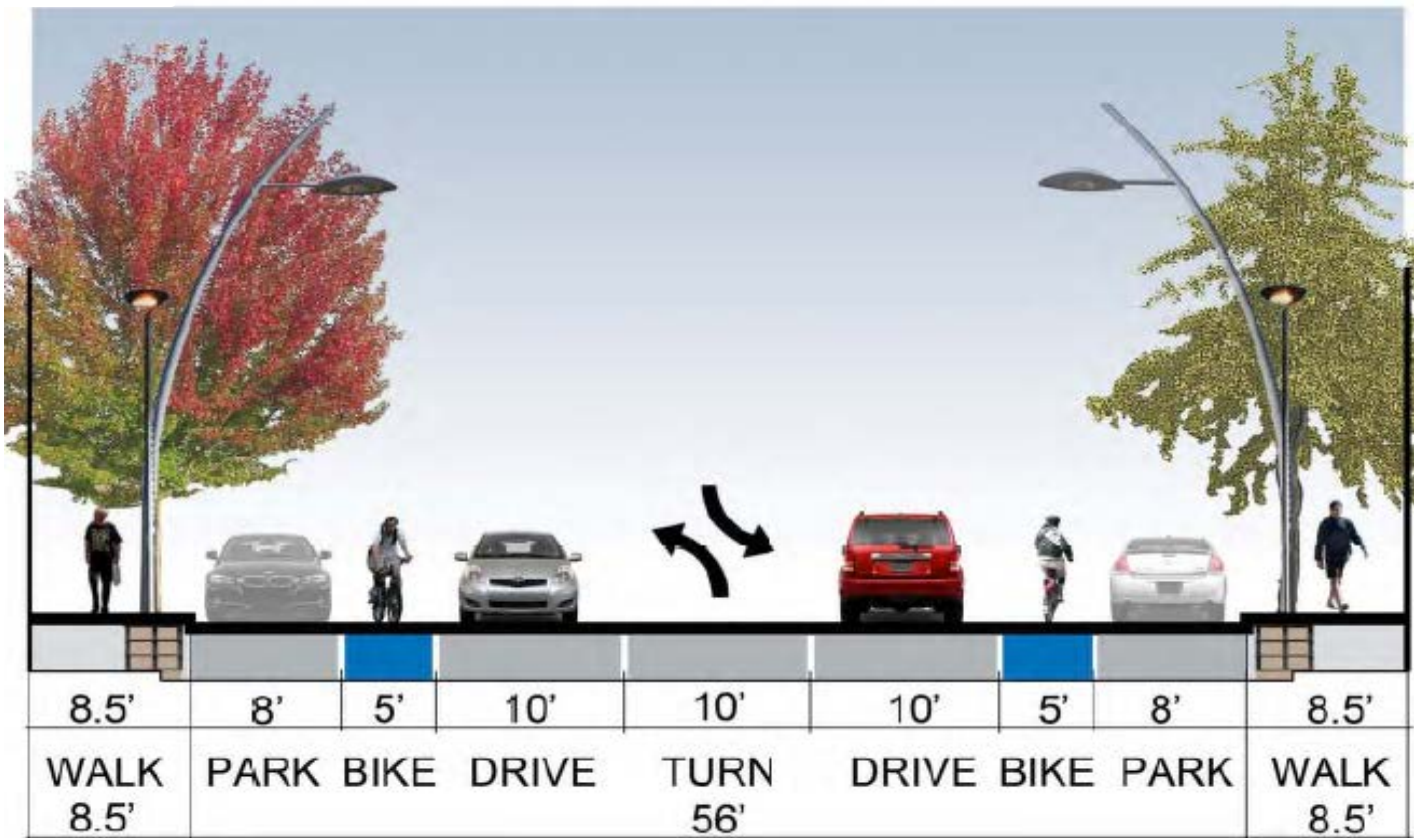


- Resurfacing / Road Diet Project Scope
 - Road Diet full length of Madison
 - No shifting of curbs (buffered bike lane)
 - Spot Safety Improvements
 - Resurfacing
 - Harlem to Oak Park and East Ave to Austin
 - Bid Alternate for resurfacing Oak Park to East Ave
 - Sewer Replacement Oak Park to Euclid
 - Bid Alternate for Sewer Lining

Resurfacing / Road Diet Project

Street Cross Section

HARLEM AVE TO OAK PARK



Striped Bike Lane – No change in overall dimensions.

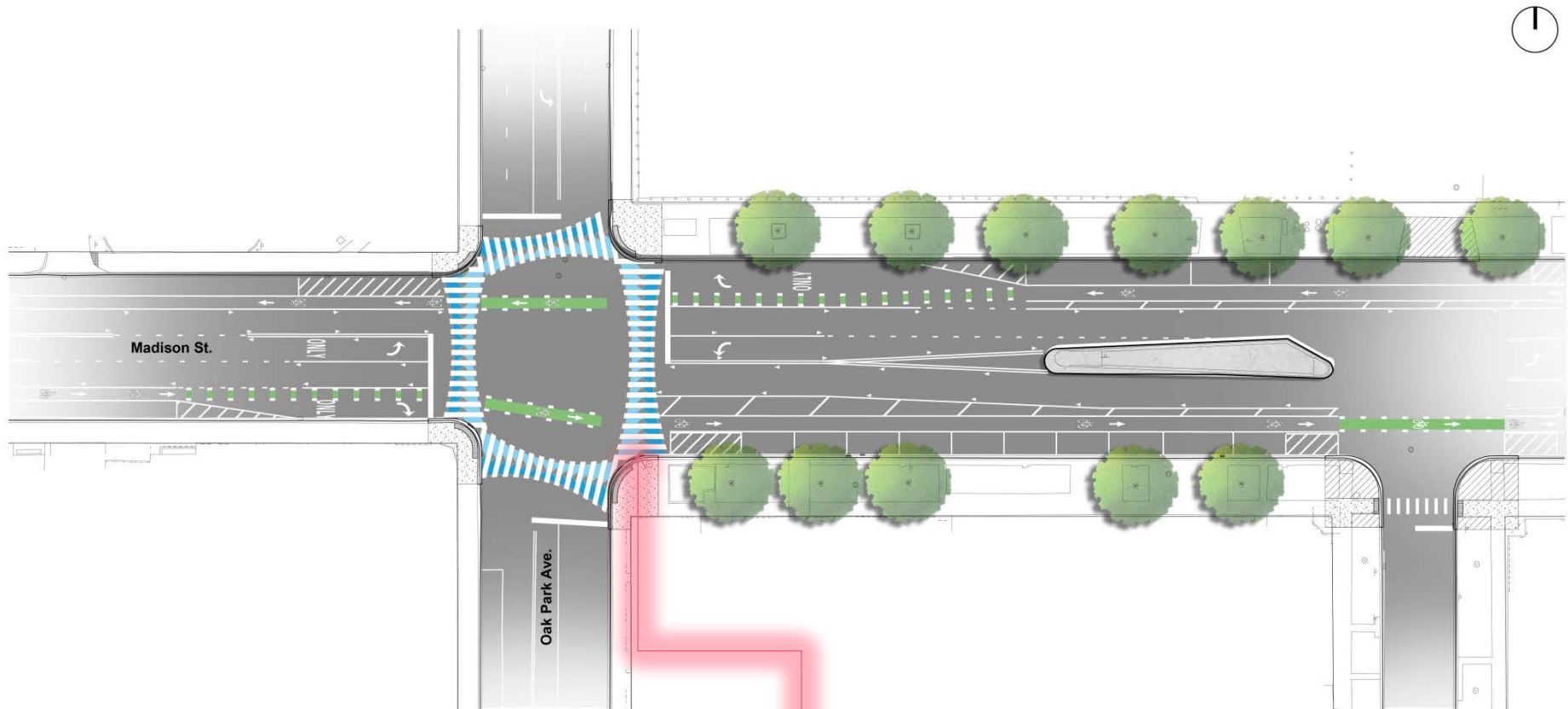
Resurfacing / Road Diet Project Street Cross Section

- Buffered Bike Lane – Oak Park to Austin Blvd
 - Adjacent to driving lane
 - Wider for enhanced safety
 - Medians can remain



Bike Lanes
Buffered Bike Lane - Travel Side Buffer

Resurfacing / Road Diet Project Design



Madison St. & Oak Park Ave. Intersection Exhibit

Altamanu Inc.
landscape architecture + urban design + planning

Decorative crosswalks not being included in scope (\$690k for all signalized intersections)

Resurfacing / Road Diet Project



- Resurfacing / Road Diet Project Schedule
 - Currently Out For Bid
 - Construction Contract and Construction Engineering Agreement to VOP Board Nov 19, 2018
 - Construction in 2019
 - April to November Construction
 - Home to Ridgeland during summer for much of work

Resurfacing / Road Diet Project



■ Resurfacing / Road Diet Project Cost

■ Total Construction (Estimated)

= \$5.6 M

■ Base Bid

= \$4.69M

(Resurfacing, Road Diet, ADA Ramps, Sewer Replacement)

■ Street Resurfacing, ADA Ramps, sewer, spot safety improvements, etc. = \$4,065,000

■ Road Diet (striping, signal modifications, signage, etc.) = \$625,000

■ Bid Alt A

= \$585 K

(Sewer Lining Home to Euclid, East to Ridgeland, Humphrey to Austin)

■ Bid Alt B

= \$355 K

(Street Resurfacing and ADA ramps Oak Park to Euclid)

■ Construction Engineering (Estimated)

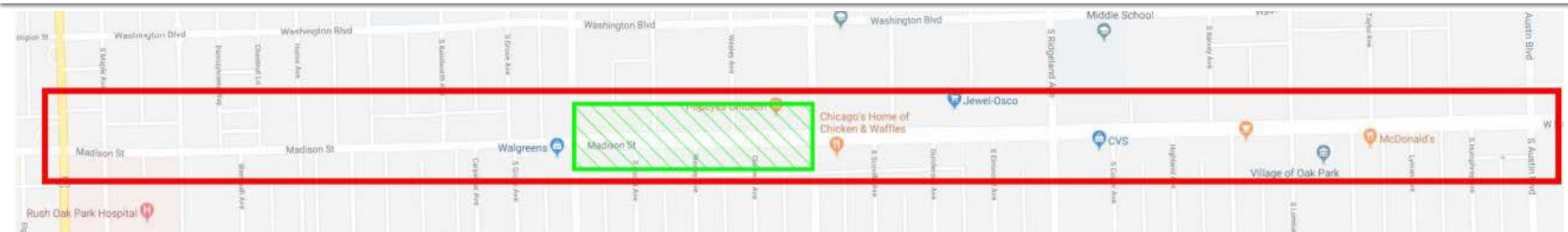
= \$560 K

Madison Street Streetscape Projects



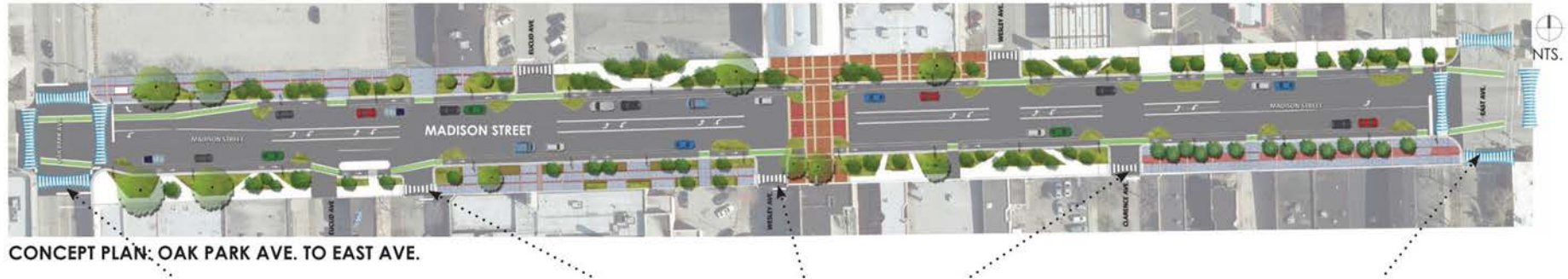
- Phased implementation
 - Oak Park Ave to East Ave
 - Design to be finalized in 2019 in coordination with development design
 - No Bend
 - Construction planned for 2020
 - Home Ave to Oak Park Ave
 - Proposed 2019 budget includes \$300k in TIF for preliminary design
 - Construction is not scheduled at this time

Madison Street Proposed Streetscape - 2020



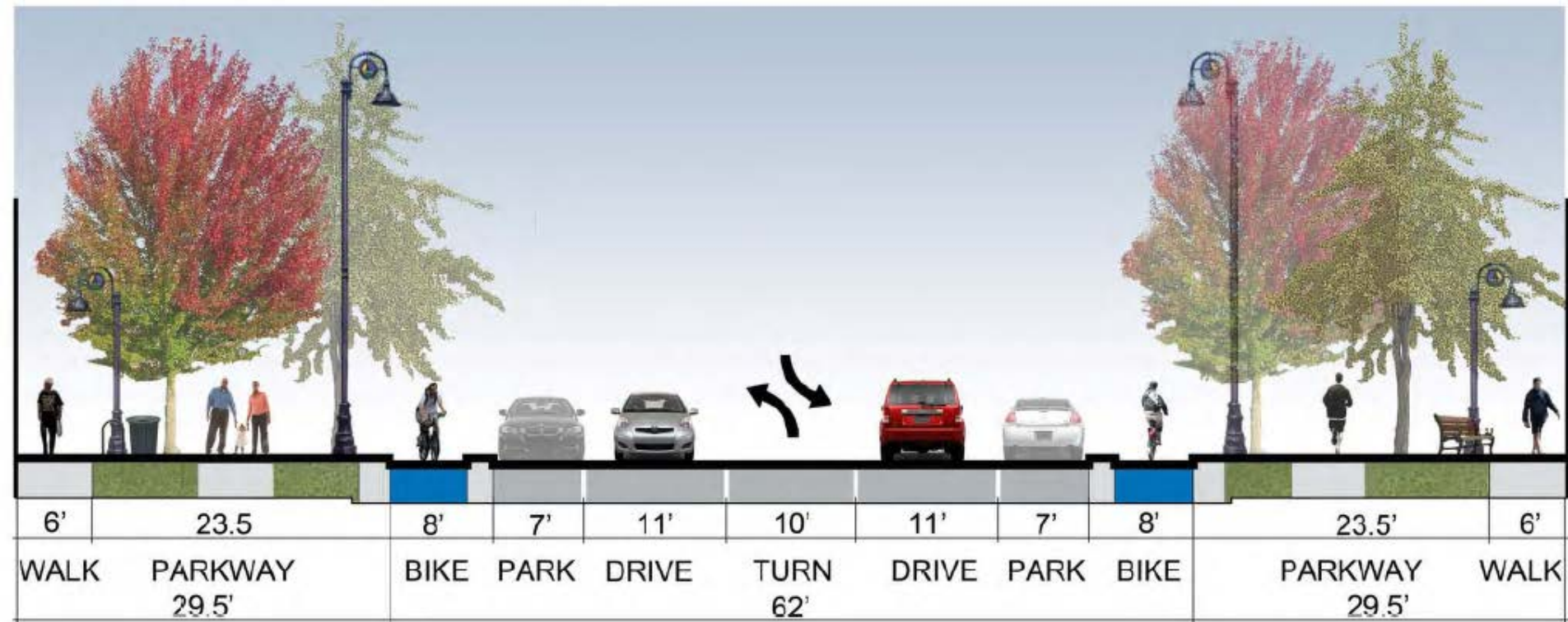
- Conceptual Design Complete
- Final design to be coordinated with future potential development (planned for 2019)
- Construction in 2020
- Construction Cost Estimate \$7 M
- Construction Engineering \$700 K

Madison Street Proposed Streetscape - 2020



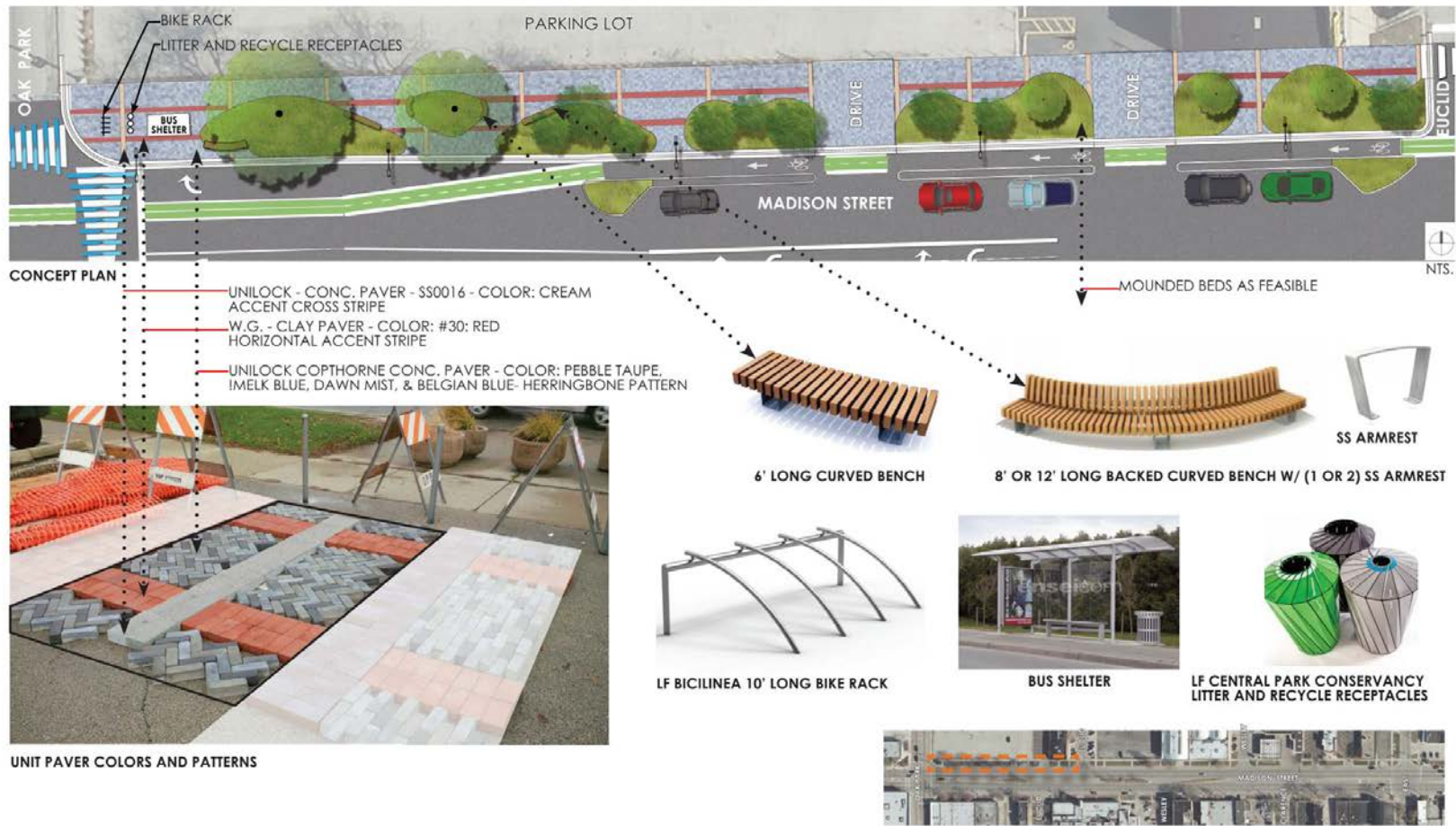
- Design concept creates series of spaces
 - Connects West to East with island & plaza areas
 - Brings down scale of Madison and divides into walkable sections
 - Intersection treatments and crossing slow traffic and improve pedestrian visibility
- Creates new image for Madison Street

Streetscape Cross Section



Median Removed – Road Diet w/ cycle track Oak Park Ave to East Ave

Madison Street Proposed Streetscape Palette



PLAZA #1 - OAK PARK AVE. TO EUCLID AVE.

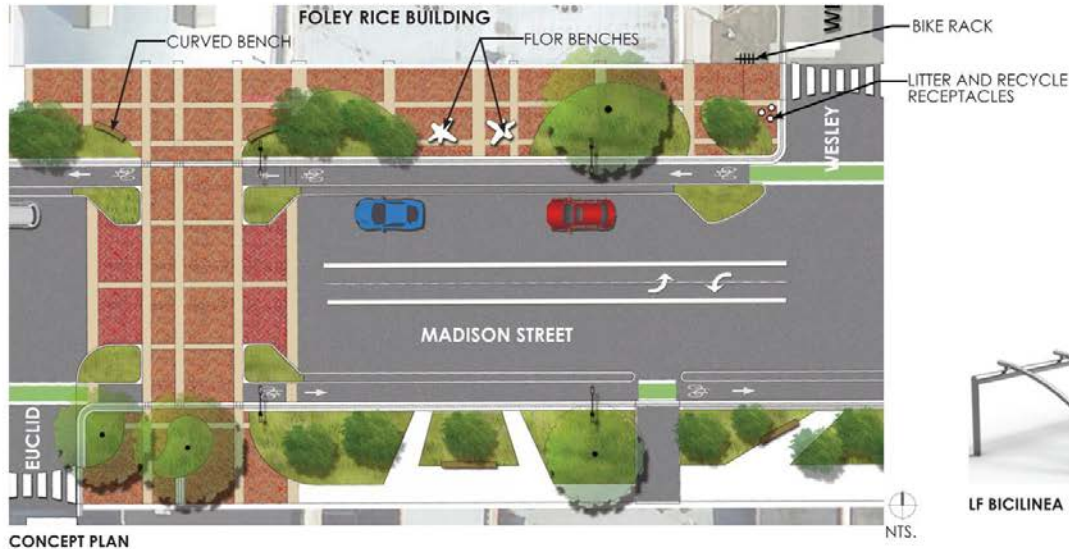
Streetscape Site Furnishings and Unit Paver Colors & Patterns

Madison St. Streetscape



12.18.2015

Madison Street Proposed Streetscape Palette



- W.G. NORTH SHORE BLEND TUMBLED CLAY PAVER - HERRINGBONE PATTERN
- BELDEN - COLOR #50 IVORY - DOUBLE RUNNING BOND
- BELDEN - COLOR: MADRID BLEND - HERRINGBONE PATTERN



PLAZA #2 FOLEY PLAZA

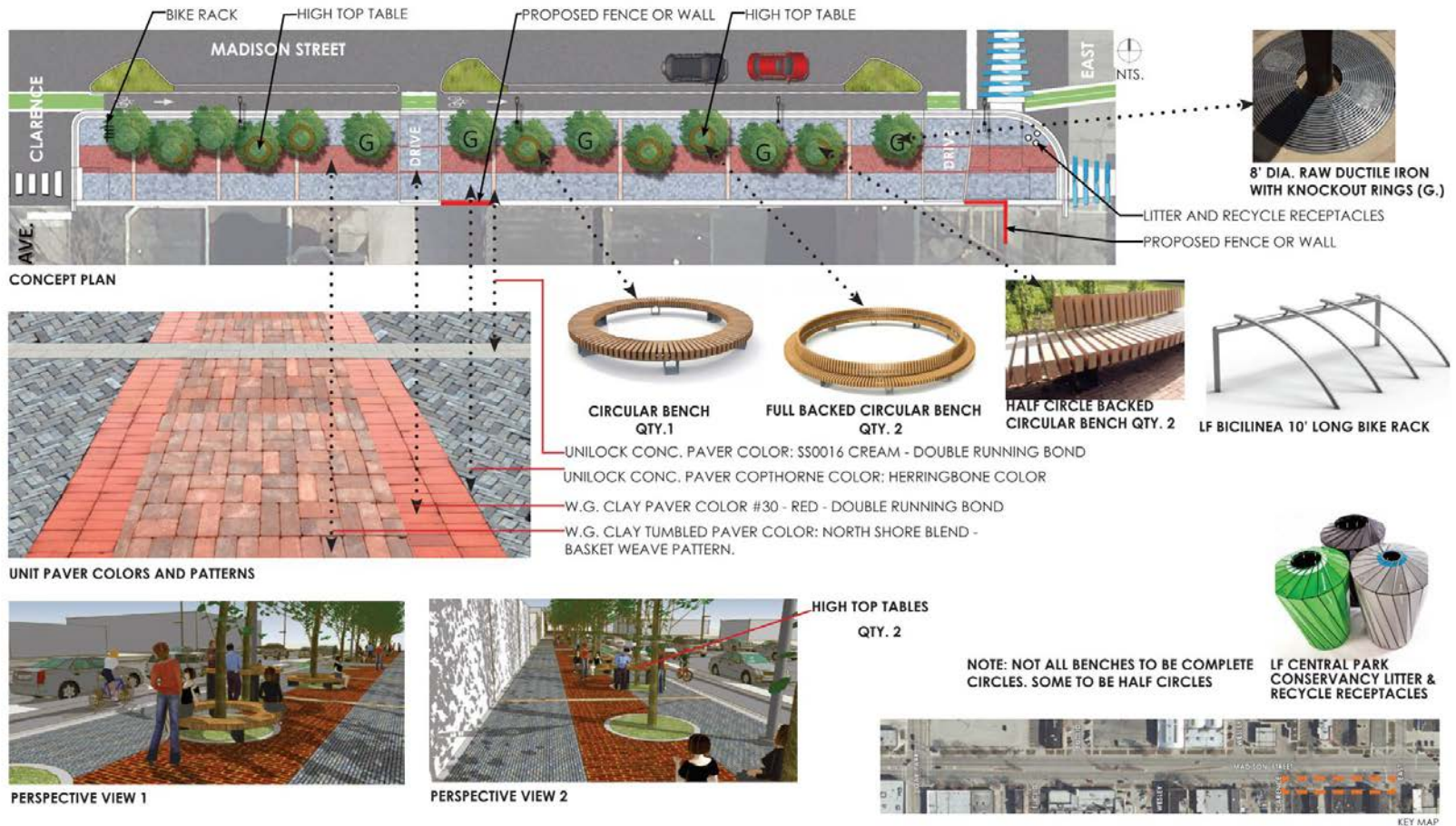
Streetscape Site Furnishings and Unit Paver Colors & Patterns

Madison St. Streetscape



12.18.2015

Madison Street Proposed Streetscape Palette



PLAZA #3 CLARENCE AVE. TO EAST AVE.

Streetscape Site Furnishings and Unit Paver Colors & Patterns

Madison St. Streetscape

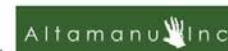


Sam Schwartz Engineering D.P.C.
CHRISTOPHER S. BURKE
12.18.2015

Madison Street Proposed Streetscape Palette



Streetscape Site Furnishings and Unit Paver Colors & Patterns
Madison St. Streetscape



12.18.2015

Madison Street Proposed Streetscape Palette



MAREA ALTA - 6' LONG

OR



EQUIPARC - 6' LONG



EQUIPARC - 10' LONG

BENCH OPTIONS

PARKWAY AREAS ADJACENT TO PLAZAS #1 - #4

Streetscape Site Furnishings and Unit Paver Colors & Patterns

Madison St. Streetscape

Dispatch by Forms+Surfaces



36 and 45 gallon with 1 liner or two half liners



KEY MAP

12.18.2015



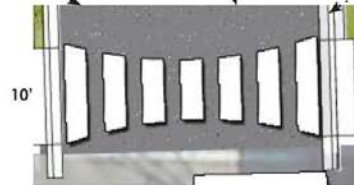
Madison Street Proposed Streetscape Palette



CONCEPT PLAN: OAK PARK AVE. TO EAST AVE.



INTERSECTIONS DECORATIVE CROSSWALK - OAK PARK AVE.



TYPICAL CROSSWALK @SIDE STREETS



INTERSECTION DECORATIVE CROSSWALK - EAST AVE.



KEY MAP

12.18.2015

CROSSWALKS (OAK PARK AVE. & EAST AVE.)

Streetscape Site Furnishings and Unit Paver Colors & Patterns

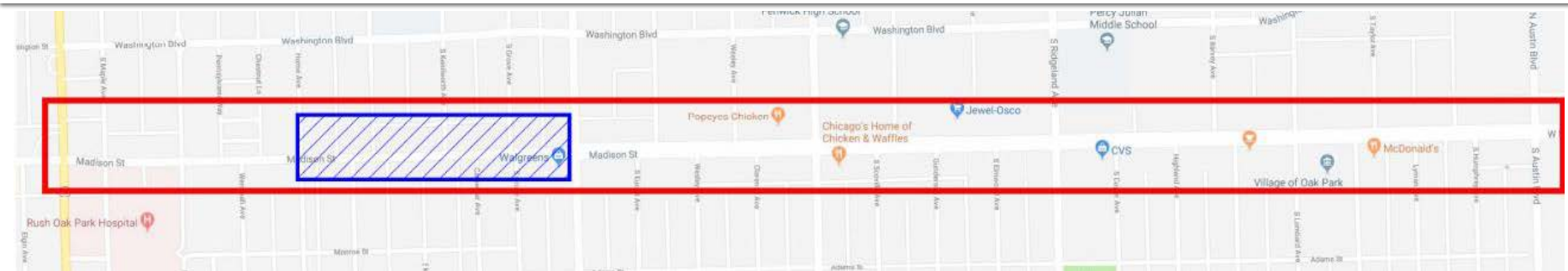
Madison St. Streetscape



Madison Street Proposed Streetscape Palette



Madison Street Streetscape Project – Future Phase



■ Future Phase

- Home Ave to Oak Park Ave

- Proposed 2019 budget includes \$300k in TIF for preliminary/conceptual design
- Construction is not scheduled at this time

Madison Street

Questions