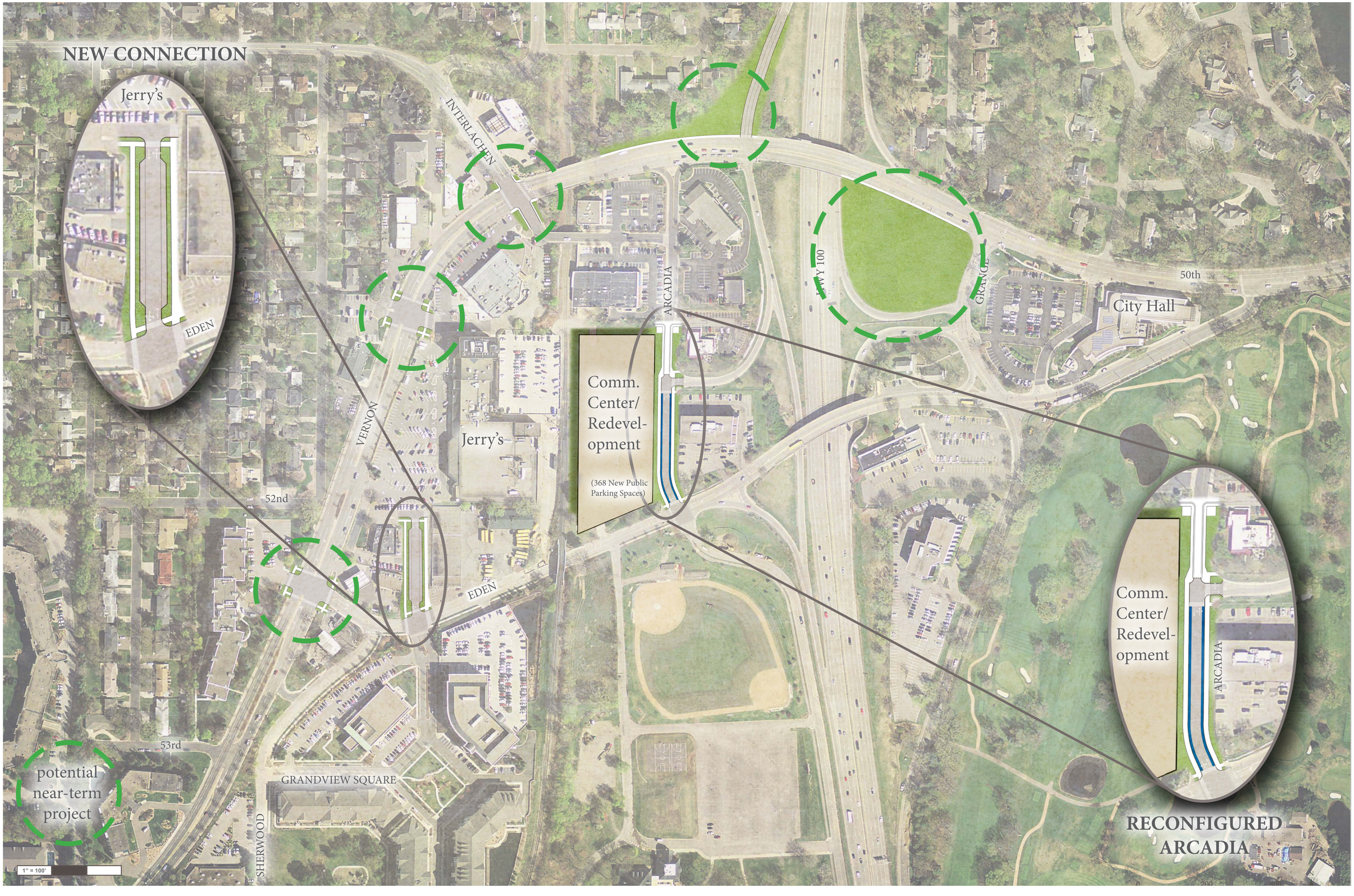
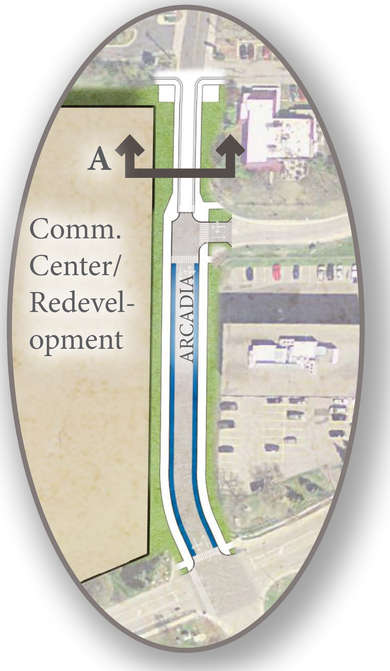
TRANSPORTATION IMPROVEMENTS

SHORT-TERM (0-5 YEARS)



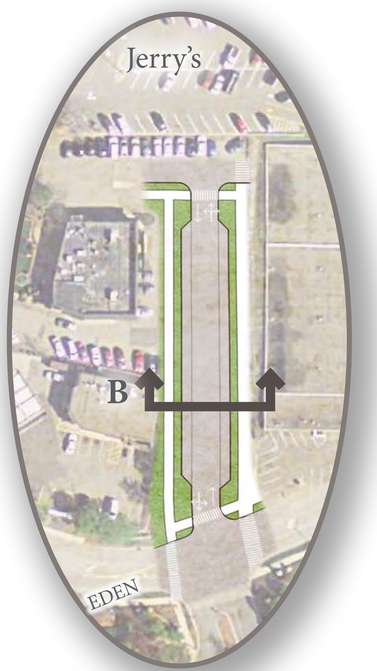
TRANSPORTATION IMPROVEMENTS

SHORT-TERM (0-5 YEARS)



RECONFIGURED ARCADIA

SECTION A: SHARED STREET (ARCADIA)



NEW CONNECTION

SECTION B: TYPICAL INTERNAL STREET

TRANSPORTATION IMPROVEMENTS

MID-TERM (5-15 YEARS)

RECONFIGURED VERNON

INTERLACHEN

ARCADIA

HWY 100

GRANGE

50th

City Hall

VERNON

(276 Existing Public Parking Spaces)

Comm. Center/ Redevel-opment

(368 New Public Parking Spaces)

Potential Transit Area

Jerry's

(200 Parking Spaces (188 existing))

(229 New Public Parking Spaces)

52nd

EDEN

Enhanced Bus Connection

53rd

GRANDVIEW SQUARE

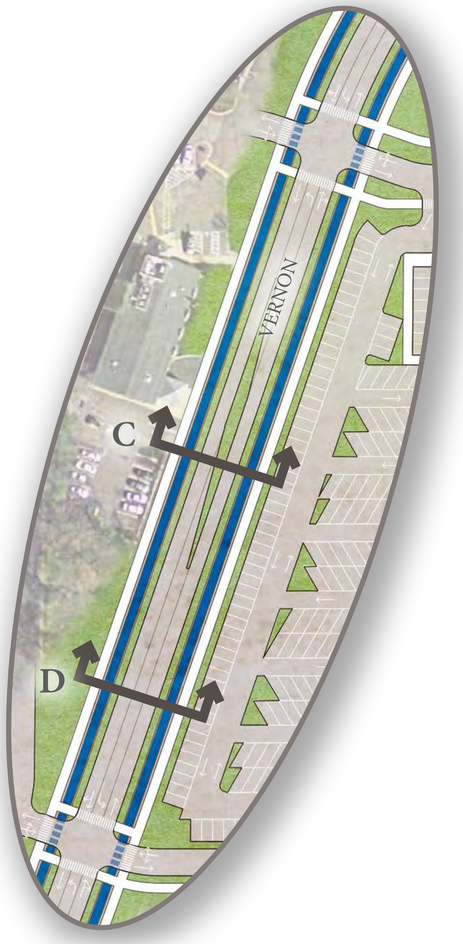
SHERWOOD

1" = 100'

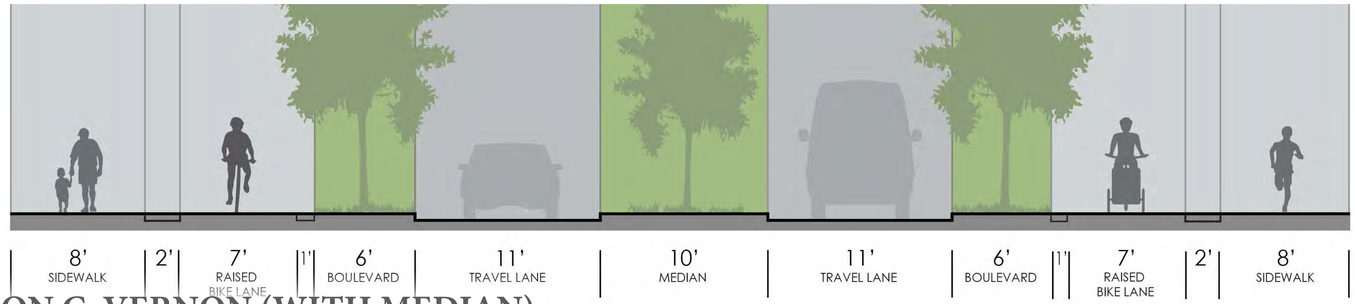
RECONFIGURED EDEN

TRANSPORTATION IMPROVEMENTS

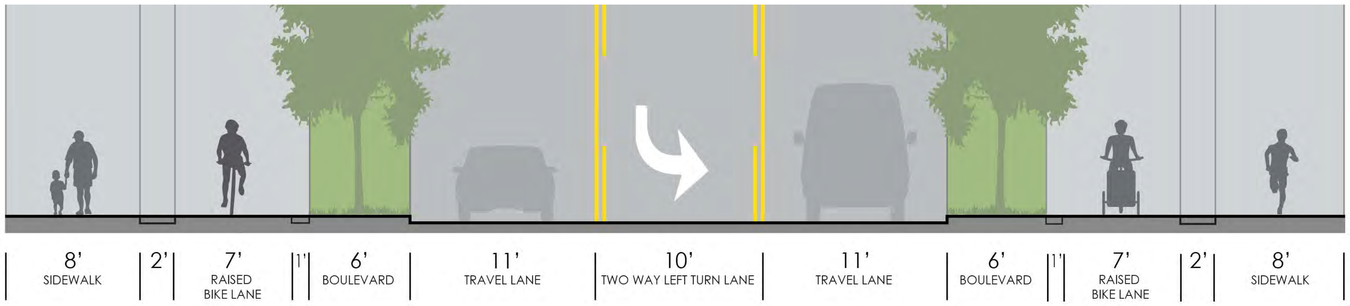
MID-TERM (5-15 YEARS)



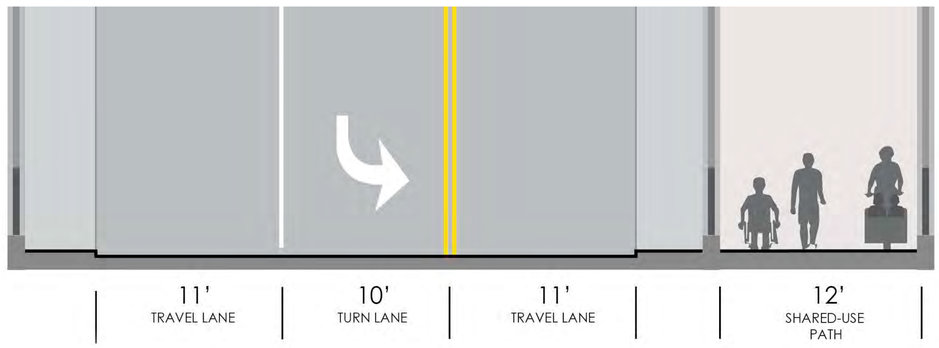
RECONFIGURED VERNON



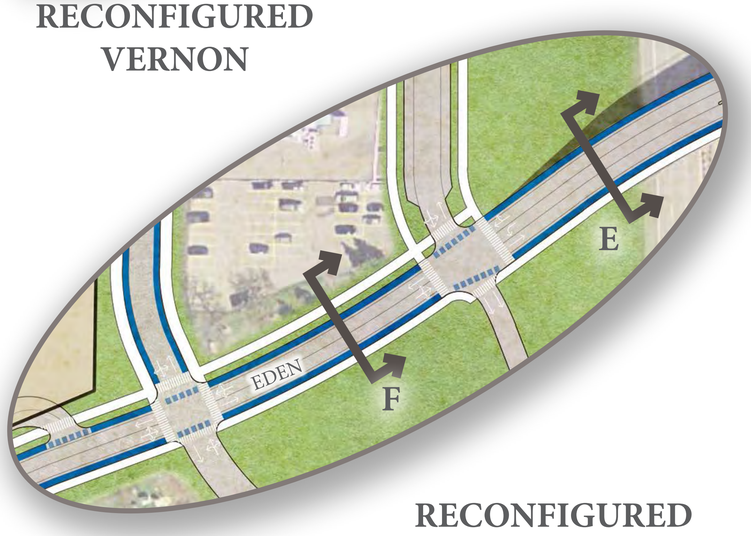
SECTION C: VERNON (WITH MEDIAN)



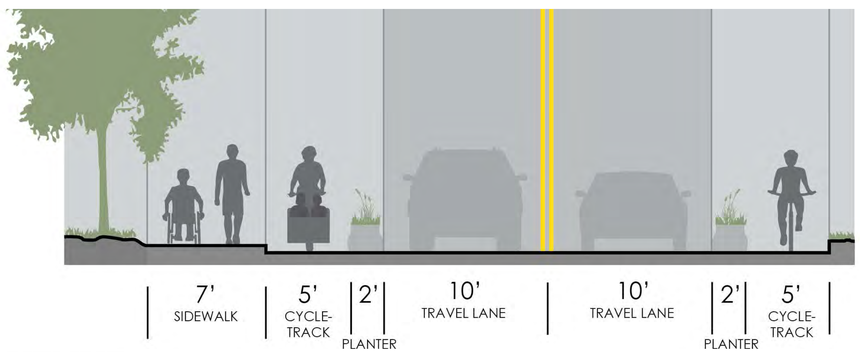
SECTION D: VERNON (WITHOUT MEDIAN)



SECTION E: EDEN AVENUE BRIDGE



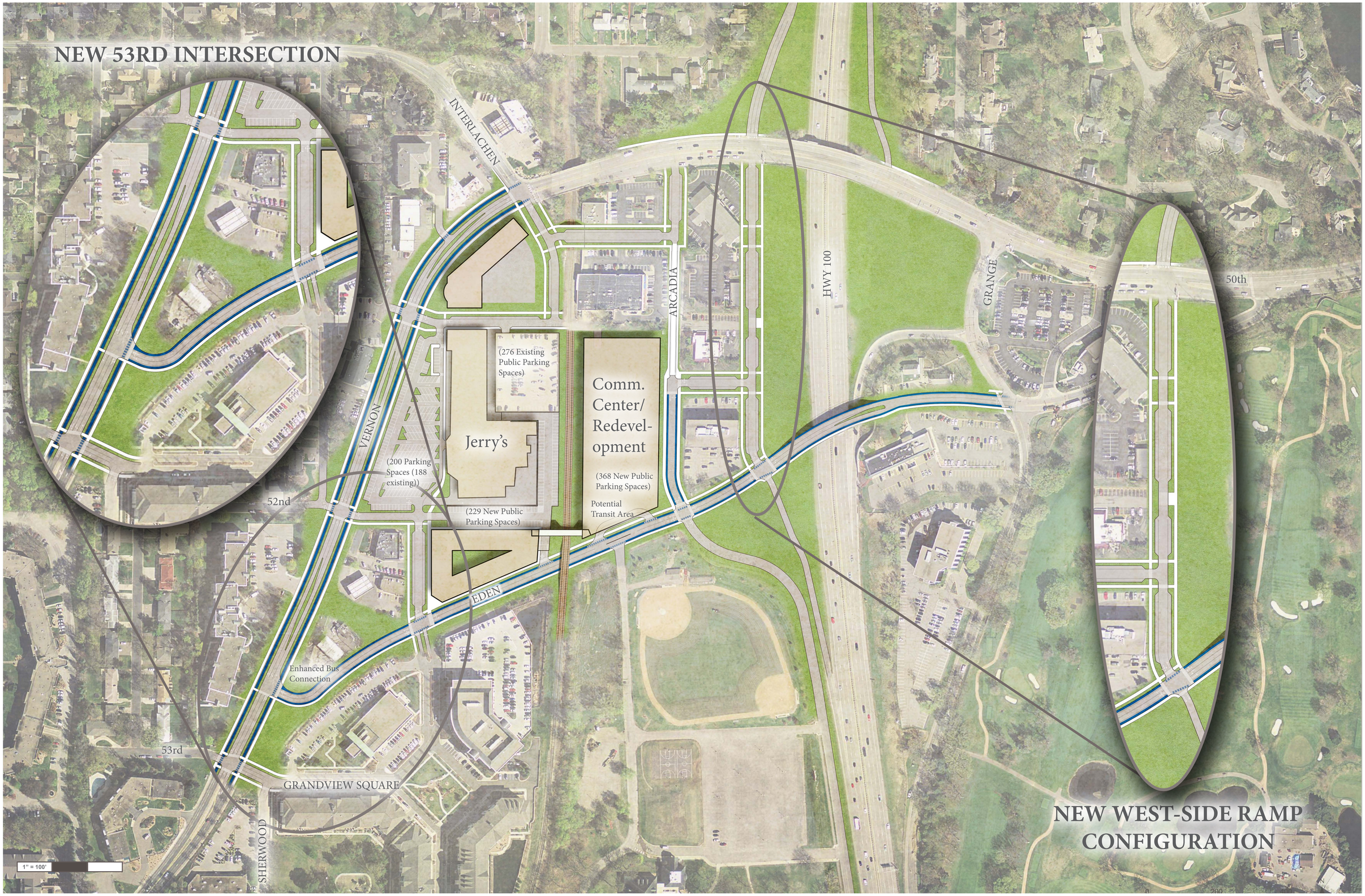
RECONFIGURED EDEN



SECTION F: EDEN AVENUE

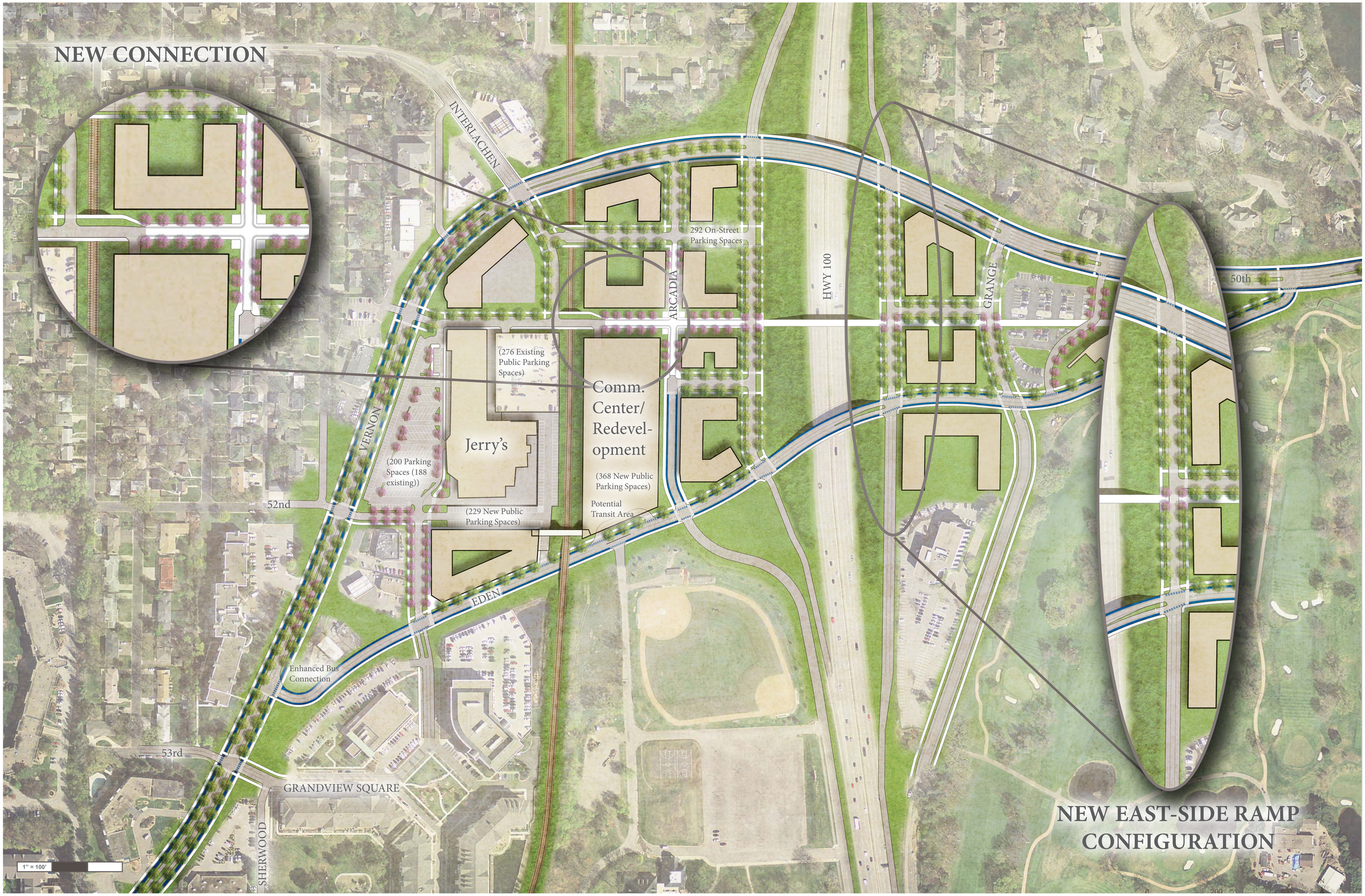
TRANSPORTATION IMPROVEMENTS

MID-TERM (5-15 YEARS)



TRANSPORTATION IMPROVEMENTS

LONG-TERM (15-30 YEARS)



TRANSPORTATION IMPROVEMENTS

LONG-TERM (15-30 YEARS)

DISTRICT PARKING

VERNON

Jerry's

INTERLACHEN

292 On-Street Parking Spaces

ARCADIA

HWY 100

GRANGE

50th

City Hall

(276 Existing Public Parking Spaces)

Comm. Center/ Redevel-opment

(368 New Public Parking Spaces)

Potential Transit Area

VERNON

(200 Parking Spaces (188 existing))

Jerry's

(229 New Public Parking Spaces)

52nd

EDEN

Enhanced Bus Connection

53rd

GRANDVIEW SQUARE

SHERWOOD

1" = 100'

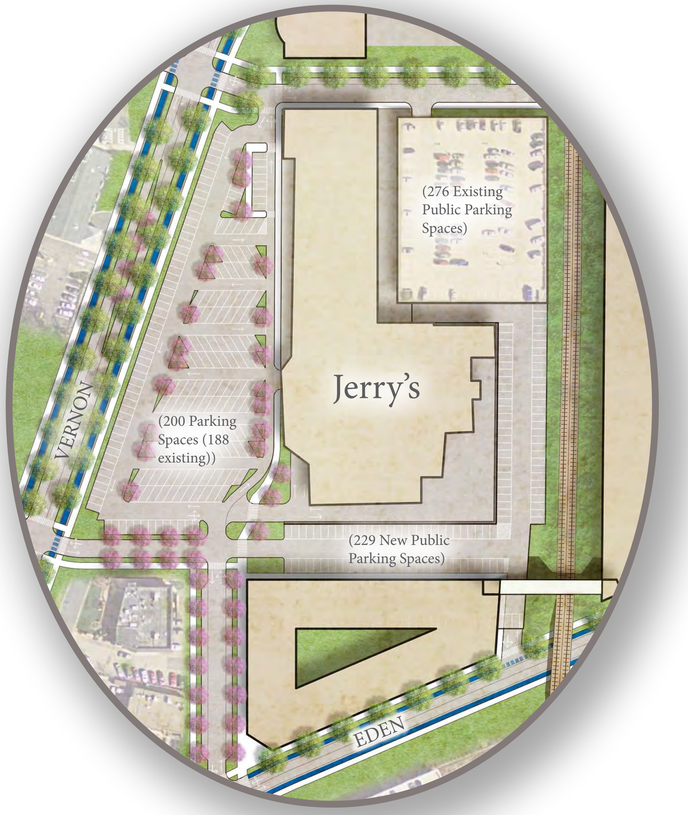
50th

GRANGE

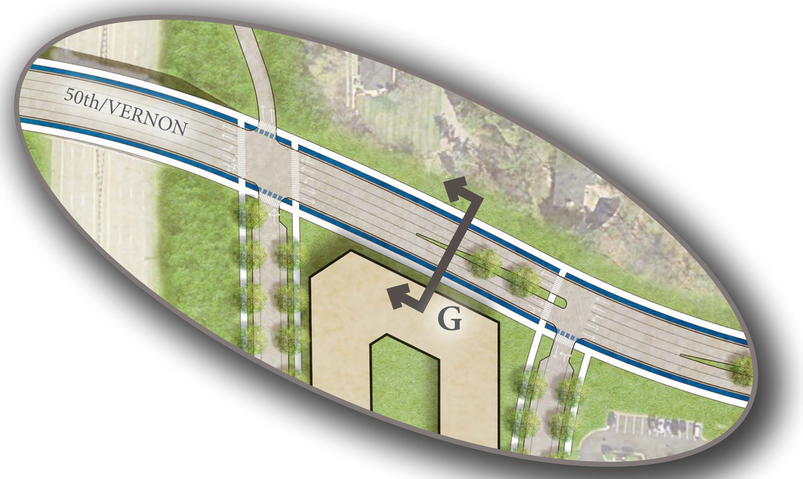
50th/VERNON RECONFIGURATION

TRANSPORTATION IMPROVEMENTS

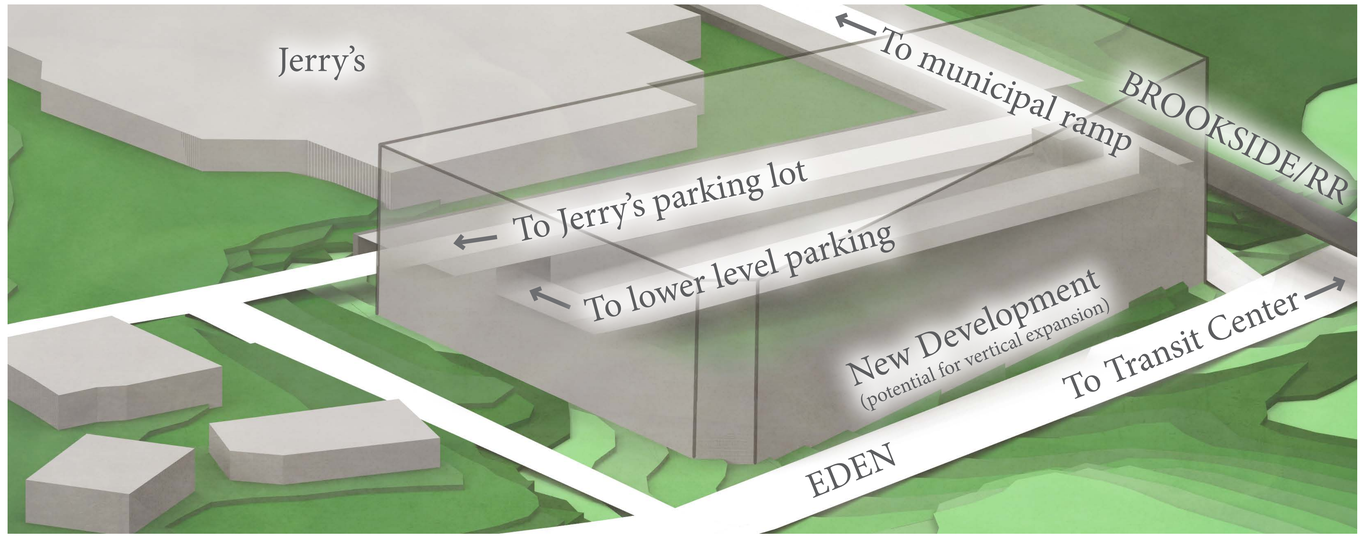
LONG-TERM (15-30 YEARS)

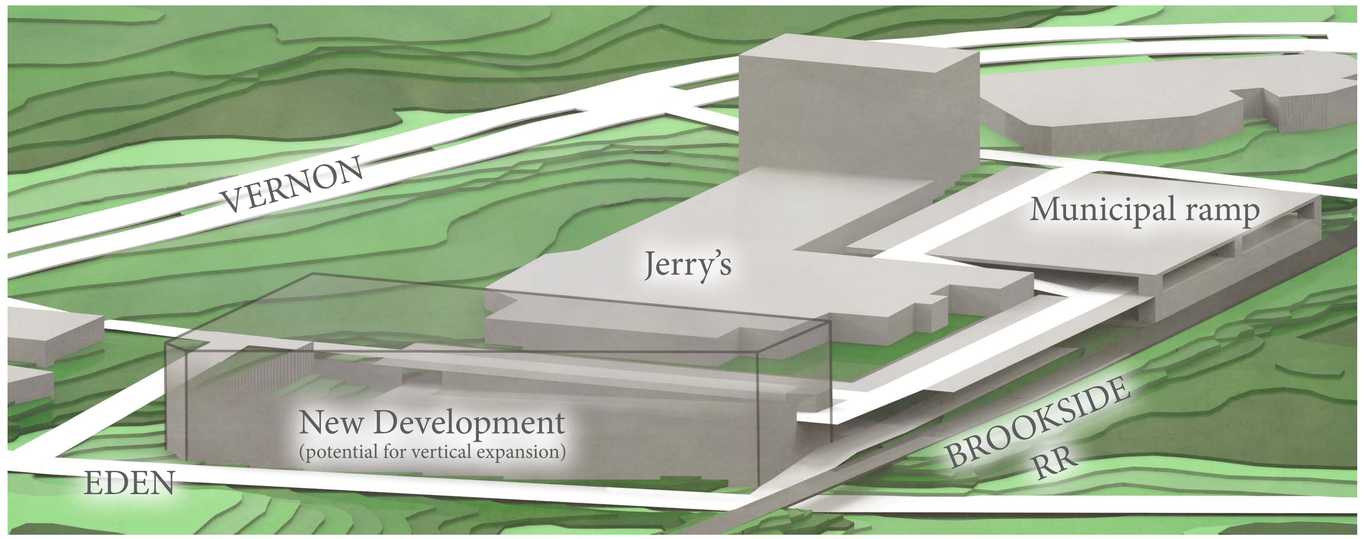


DISTRICT PARKING

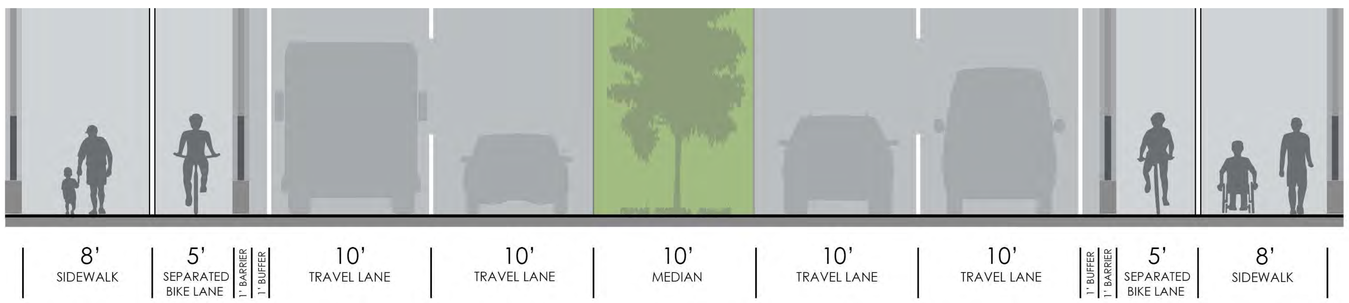


50th/VERNON RECONFIGURATION





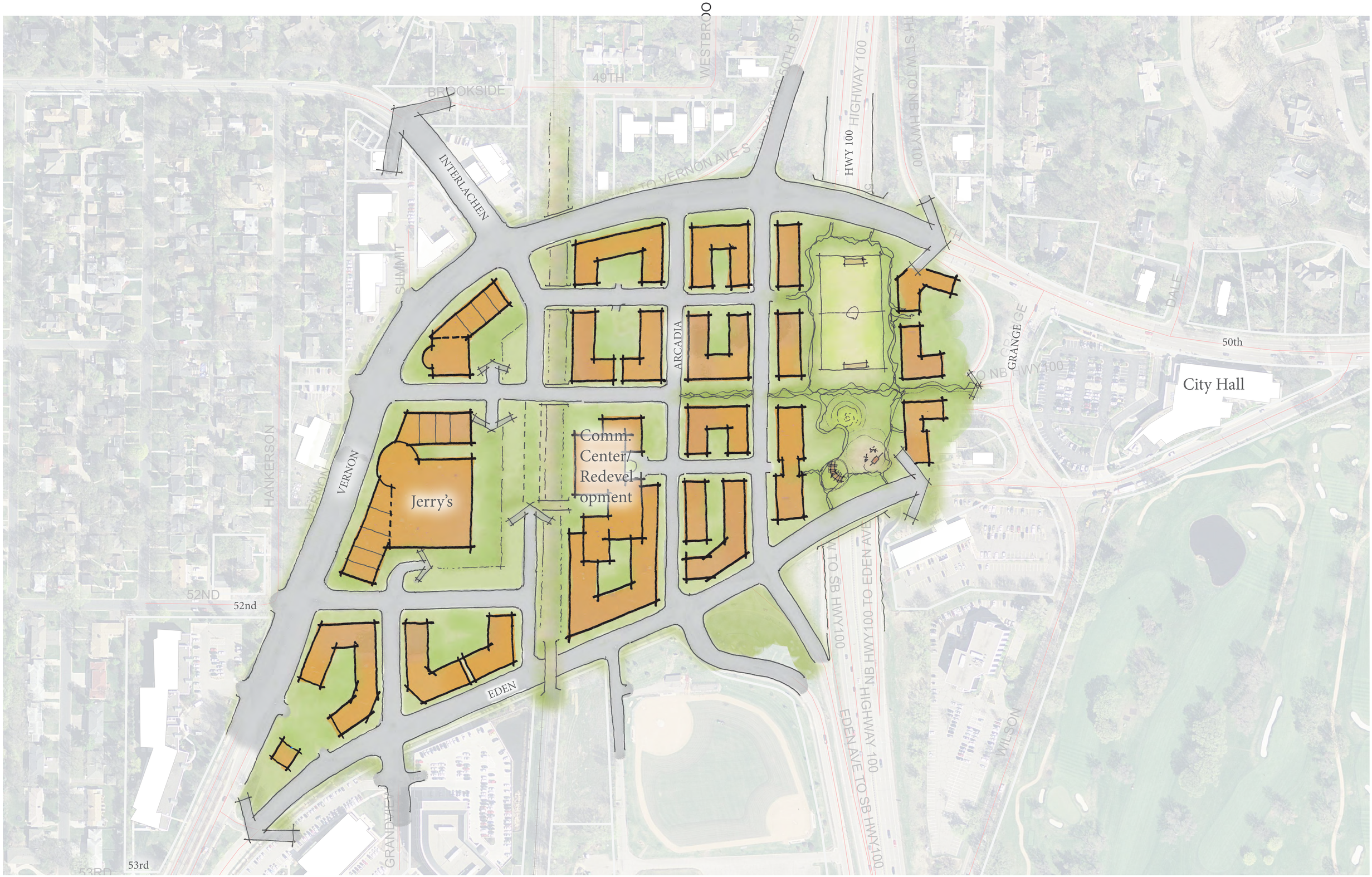
DISTRICT PARKING STRUCTURE MODEL



SECTION G: 50th/VERNON (5-LANE)

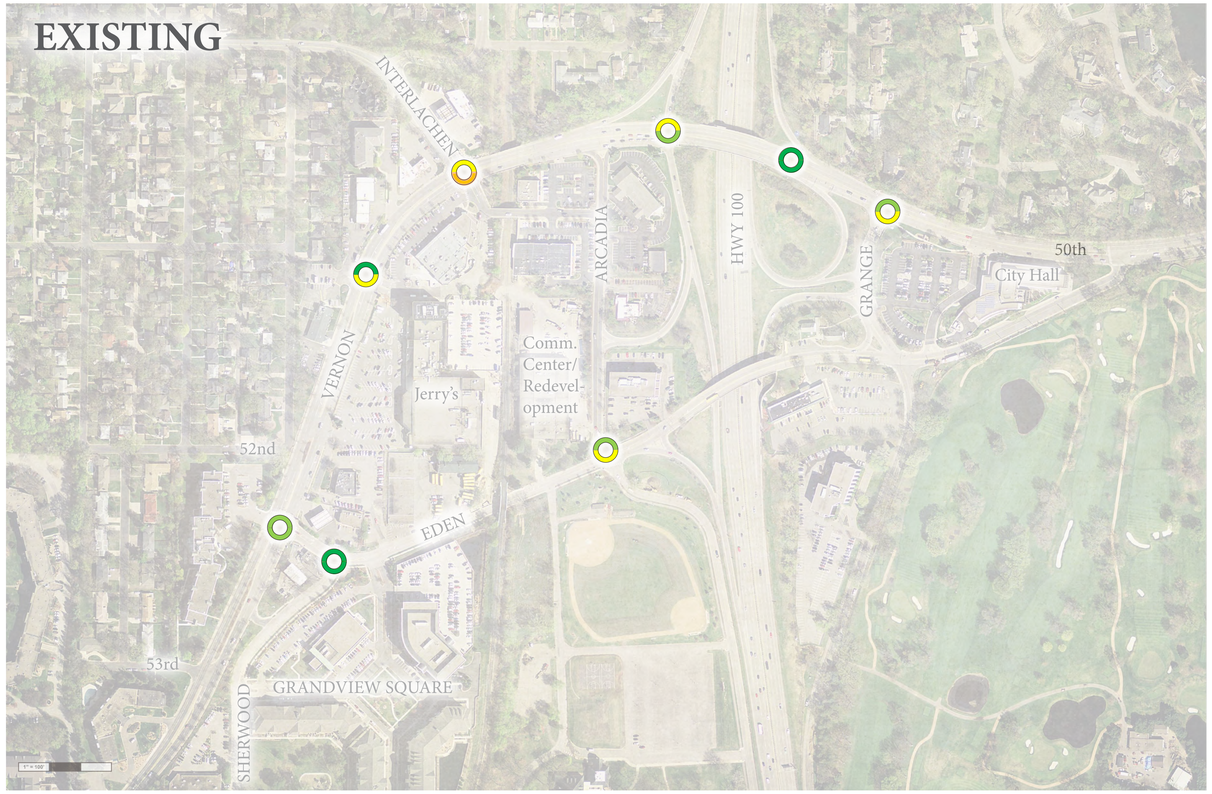
TRANSPORTATION IMPROVEMENTS

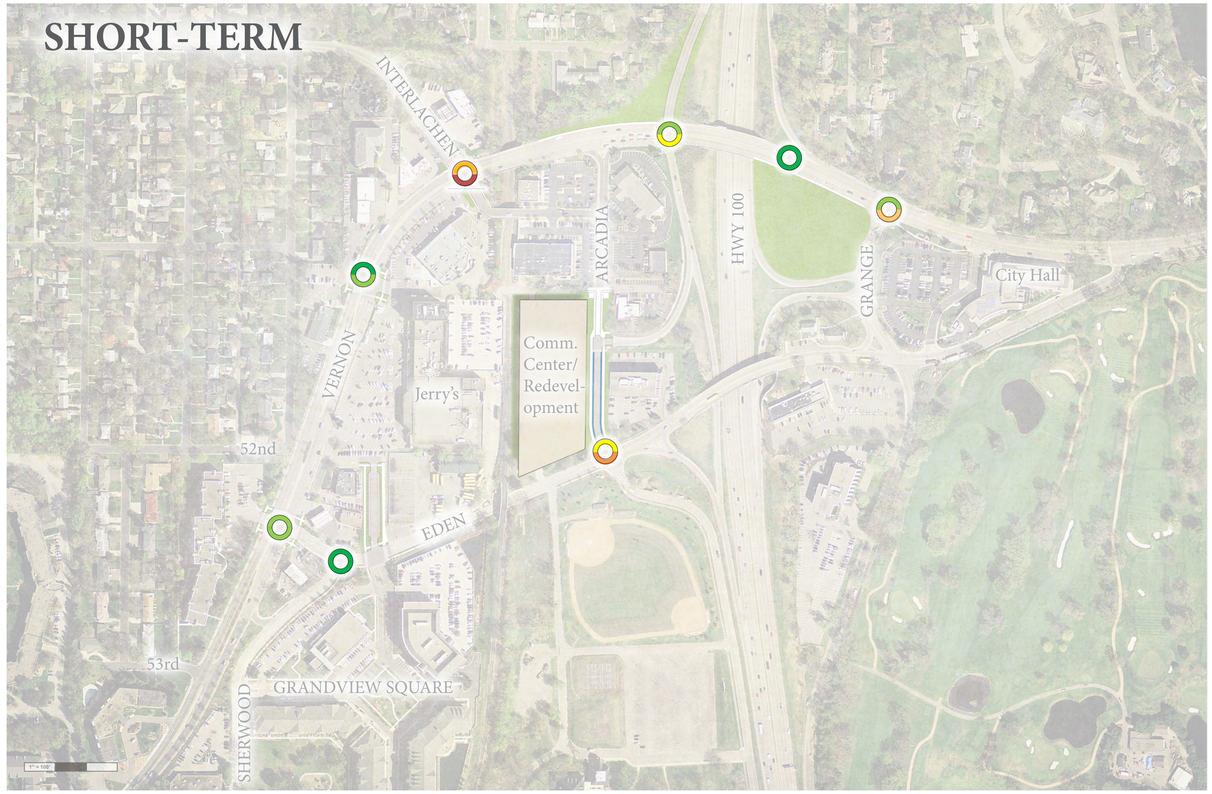
FAR-TERM CONCEPT PLAN (30+ YEARS)

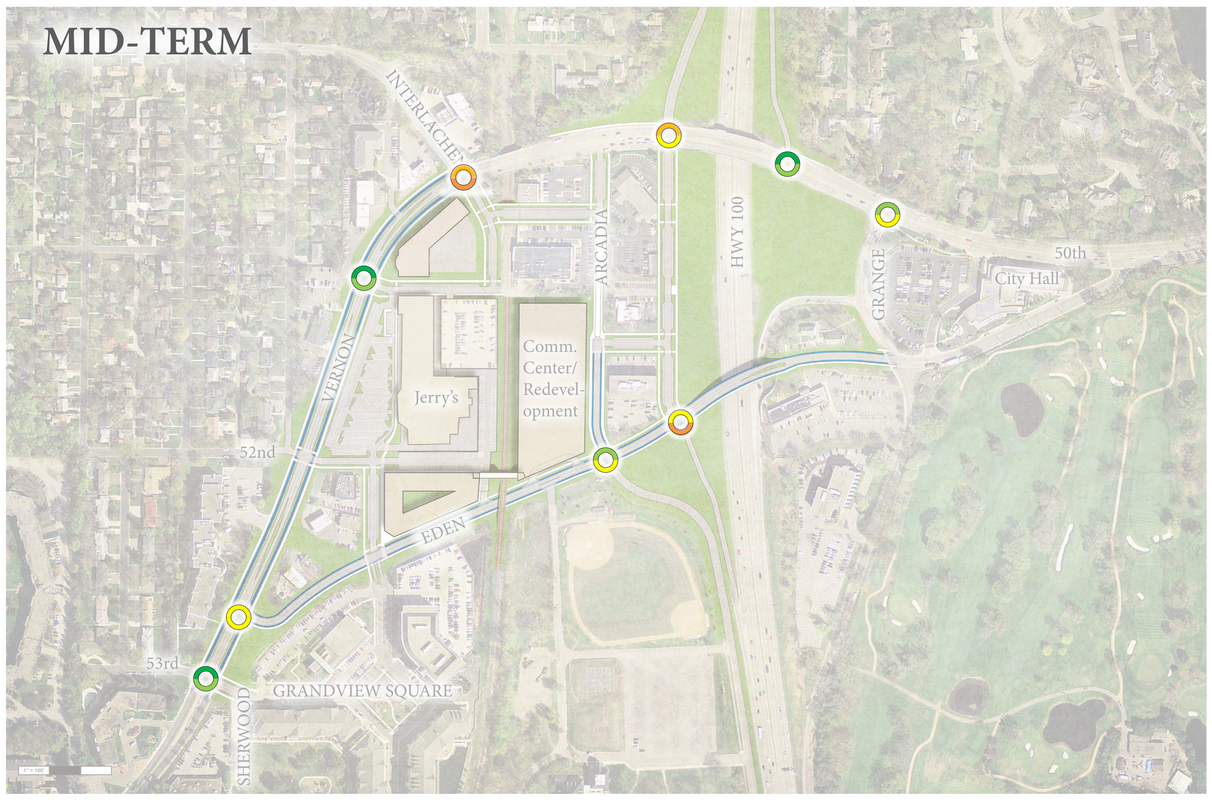


TRANSPORTATION IMPROVEMENTS

ANALYSIS RESULTS







INTERSECTION DELAY

	Existing	Short-Term	Mid-Term
50th @ SB 100			
Vernon/50th @ Interlachen			
Vernon @ Jerry's			
Vernon @ Eden			
Eden @ Sherwood			
Eden @ Arcadia/Normandale			
50th @ Grange			
Grange @ NB 100			
Vernon @ 53rd/Grandview			
Frontage Rd @ SB 100			
50th @ NB 100			

Key

A B — am / pm

C D

E F

MULTI-MODAL ANALYSIS

	Existing/ Near-Term	Short-Term (30 units/ac)	Mid-Term (60 units/ac)	Long-Term (120 units/ac)
Vehicle Trips - AM - PM	4,048 4,197	+10% +17%	+20% +34%	+40% +68%
Ave. Auto Delay * - AM - PM	42 secs 86 secs	41 secs 114 secs	82 secs 107 secs	
Ave. Auto Speed * - AM - PM	15mph 11mph	13mph 8mph	10mph 9mph	
Pedestrian Connectivity (% sidewalks continuous)	25%	25%	66%	100%
Crossing Experience (% crosswalks marked)	19%	38%	91%	100%
Bicycle Connectivity (% routes continuous)	0%	0%	66%	100%
Access to Transit	○	○	◔	●
Access to Parking	○	○	◔	●

* LONG TERM ANALYSIS RESULTS NOT SHOWN BECAUSE THEY EXCEED THE DETAILED MODELING TIME HORIZON.