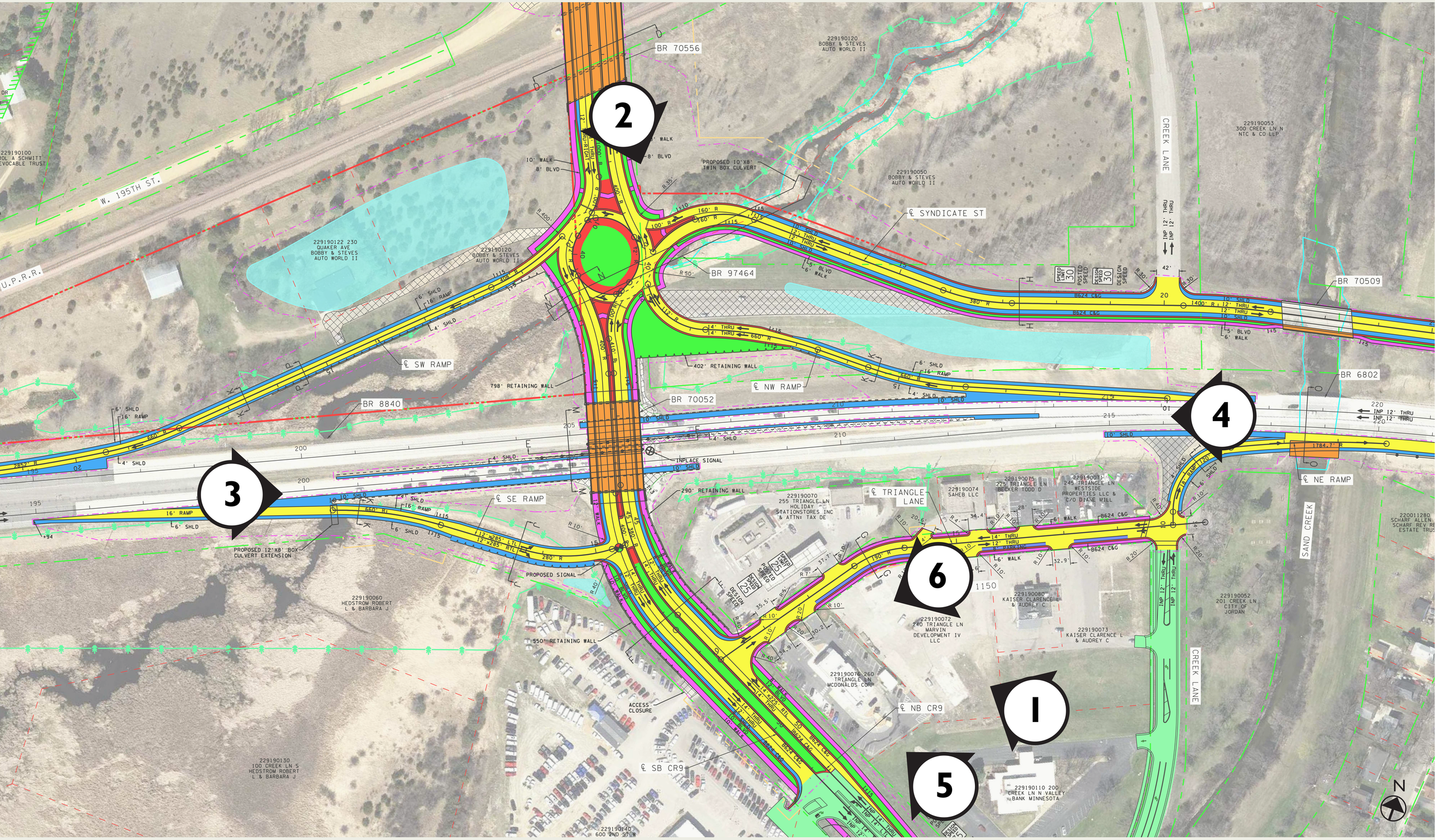
TH 169 / TH 282 / CR 9 Intersection Improvements
PRELIMINARY DESIGN AND ENVIRONMENTAL DOCUMENTATION

CITY OF JORDAN · Scott County · DEPARTMENT OF TRANSPORTATION



TH 169 / TH 282 / CR 9 Intersection Improvements
PRELIMINARY DESIGN AND ENVIRONMENTAL DOCUMENTATION

CITY OF JORDAN

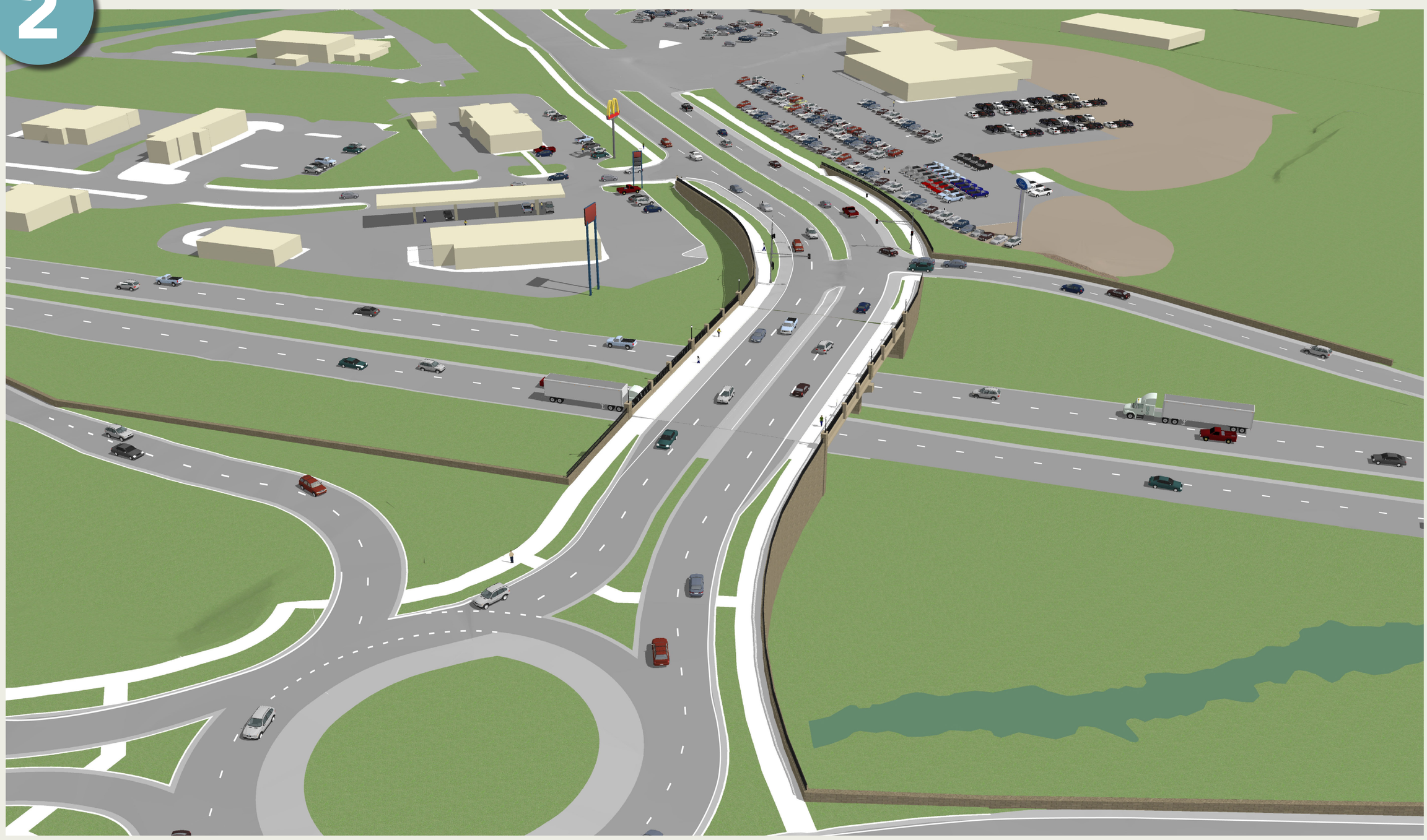
Scott County

DEPARTMENT OF TRANSPORTATION

1 OVERVIEW - FACING NORTH



2 OVERVIEW - FACING SOUTH



3 NORTHBOUND TH 169



VIEW TAKEN +/- 10' ABOVE DRIVER EYE LEVEL

4 SOUTHBOUND TH 169



VIEW TAKEN +/- 10' ABOVE DRIVER EYE LEVEL

5 NORTHBOUND TH 282



VIEW TAKEN +/- 10' ABOVE DRIVER EYE LEVEL

6 WESTBOUND TRIANGLE LANE



VIEW TAKEN +/- 10' ABOVE DRIVER EYE LEVEL

TH 169/ TH 282/ CR 9 INTERSECTION IMPROVEMENT PROJECT JORDAN, MN

LAYOUT HISTORY

DATE	DESCRIPTION
03/31/2022	The purpose of this proposal is to identify a long-term solution to improve safety and operations at the intersection of TH 169 and TH 282 in the City of Jordan, Minnesota. The proposed improvements will address the existing safety issues and provide a long-term solution to accommodate the 2040 traffic volumes.

STUDY LAYOUT COPY No. 1:

PLANS PREPARED BY:
KIMLEY-HORN AND ASSOCIATES, INC.
767 EUSTIS STREET, SUITE 100
ST. PAUL, MINNESOTA 55114
PHONE: 651-645-4197
FAX: 651-645-5116
WWW.KIMLEY-HORN.COM

Prepared by:	Kimley-Horn
Address:	767 Eustis Street, Suite 100
City, State, Zip:	St. Paul, MN 55114
Phone:	651-645-4197
Fax:	651-645-5116
Email:	
Web:	www.kimley-horn.com

Prepared for:	MnDOT
Address:	1500 West County Road B2
City, State, Zip:	Roseville, MN 55113
Phone:	651-234-7500
Fax:	
Email:	
Web:	www.dot.state.mn.us

Prepared for:	Scott County
Address:	200 Fourth Avenue West
City, State, Zip:	Shakopee, MN 55379
Phone:	952-496-8300
Fax:	
Email:	
Web:	www.co.scott.mn.us

Prepared for:	City of Jordan
Address:	210 4th Ave E
City, State, Zip:	Jordan, MN 55352
Phone:	952-492-2535
Fax:	
Email:	
Web:	www.ci.jordan.mn.us

LAYOUT NOTES:
- TH 169 IS A ONEWAY OVERPASS CROSSING CORRIDOR.
- TH 169 IS A HOUSE MOVING ROUTE.

SCALE: 1" = 5,000'

PLAN VIEW

ROUNDABOUT INSETS

LEGEND

- PROPOSED ROADWAY
- PROPOSED SHOULDER
- PROPOSED CENTERLINE
- PROPOSED GRASS MEDIAN
- PROPOSED SIDEWALK
- PROPOSED STORMWATER MAP
- PROPOSED BRIDGE
- CITY OF JORDAN TO USE CONSTRUCTION FUNDS IN CONJUNCTION WITH PROJECT
- CONSTRUCTION LIMITS
- EXISTING TRAIL
- EXISTING ROADWAY
- TRAFFIC SIGNAL
- PROPOSED TRAIL
- PROPOSED PAVEMENT
- RR TRACKS
- RIGHT-OF-WAY
- EASEMENTS
- RETAINING WALL

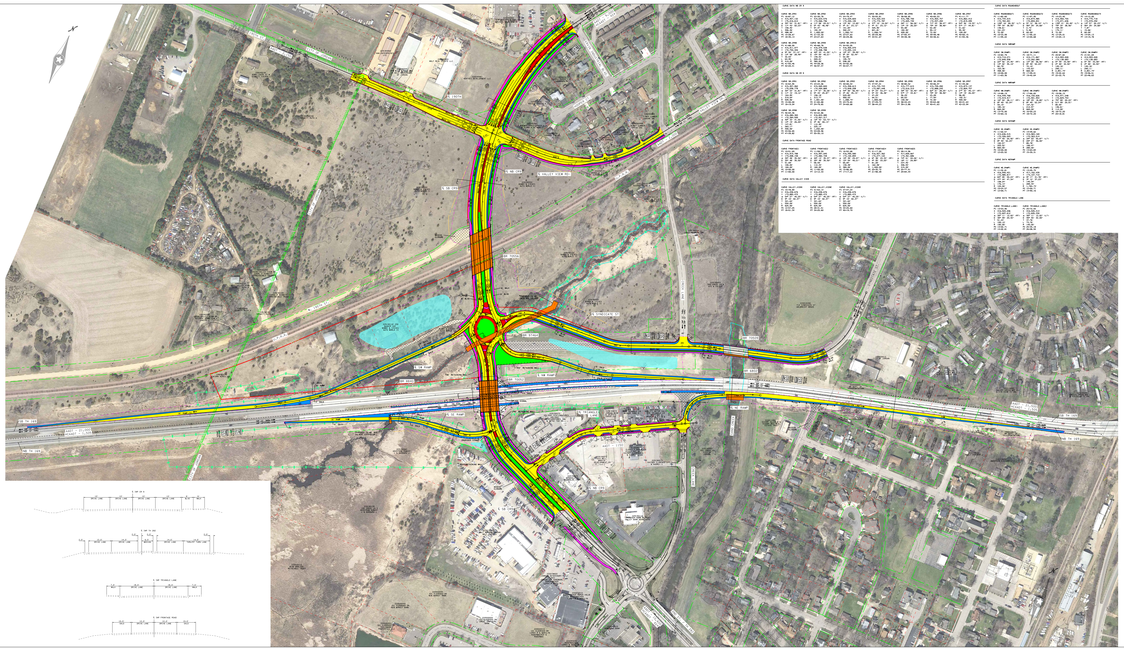
1. REMOVE SIDE WALK TYP.
2. 24 INCH CURB AND GUTTER

LAYOUT IS SUBJECT TO CHANGE AS NEEDED AND REQUIRED FOR THE CURRENT AND FUTURE ROUNDABOUT DESIGNS

Level 1 LAYOUT APPROVAL

Programmed Letting Date		
Reviewed By	MnDOT District Engineer	Date
Reviewed By	MnDOT District Traffic Engineer	Date
Reviewed By	MnDOT District Design Engineer	Date
Approved By	MnDOT District Engineer	Date
Approved By	MnDOT State Traffic Engineer	Date
Approved By	MnDOT State Aid Engineer	Date

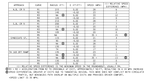
Kimley»Horn | DEPARTMENT OF TRANSPORTATION | Scott County | CITY OF JORDAN

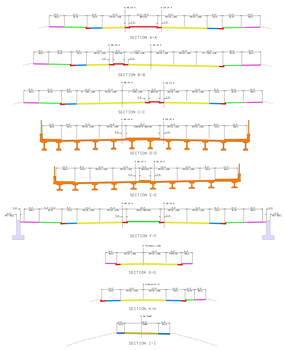


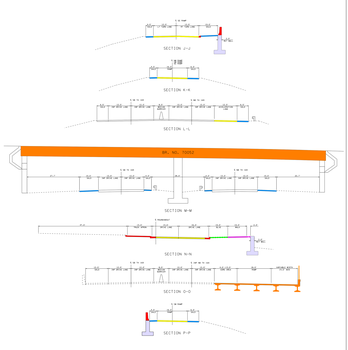








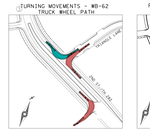




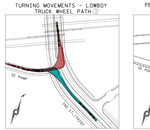












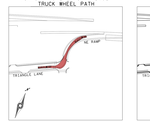




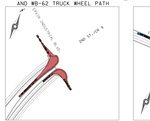






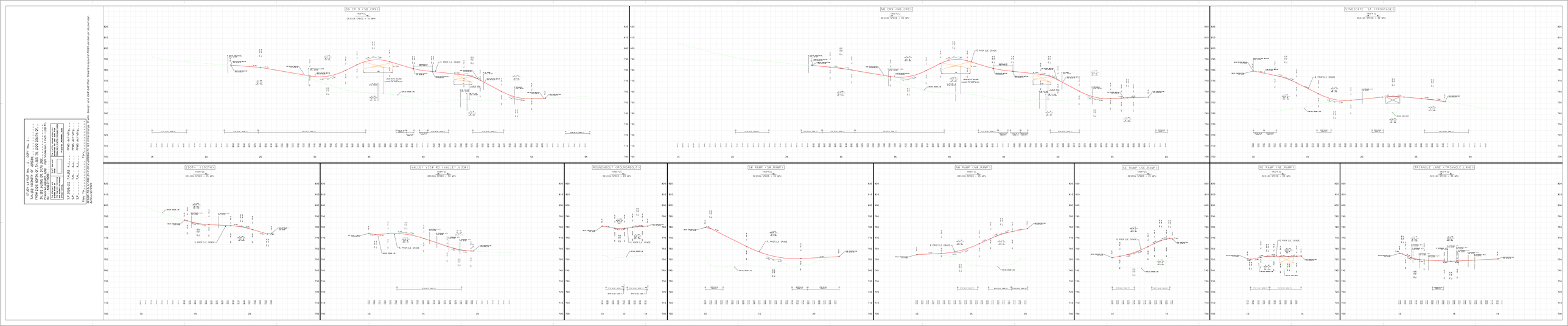











SB CR 9 (SB_CR9)
NB CR9 (NB_CR9)
SYNDICATE ST (FRONTAGE)
(SOUTH (SOUTH)
VALLEY VIEW RD (VALLEY VIEW)
ROUNDABOUT (ROUNDABOUT)
SW RAMP (SW_RAMP)
NW RAMP (NW_RAMP)
SE RAMP (SE_RAMP)
NE RAMP (NE_RAMP)
TRIANGLE LANE (TRIANGLE_LANE)
E PROFILE GRADE
DESIGN SPEED = 35 MPH
DESIGN SPEED = 50 MPH
DESIGN SPEED = 40 MPH
DESIGN SPEED = 30 MPH
DESIGN SPEED = 20 MPH

Current Project Schedule



PRELIMINARY DESIGN PROJECT MILESTONES

- Collect Data
  - Topographic Survey
  - Soil Borings
- Public Involvement
- Analyze Environmental Impacts
  - Floodplain
  - Wetlands
- Prepare Geometric Layout

Environmental Review Process

- Identify and evaluate resources and define appropriate mitigation (if needed)
  - Natural resources – e.g. wetlands, floodplains, wildlife
  - Social resources – e.g. parks, trails, historic properties

- Prepare Environmental Assessment Worksheet (EAW) according to state requirements

- Facilitate public and agency review of EAW

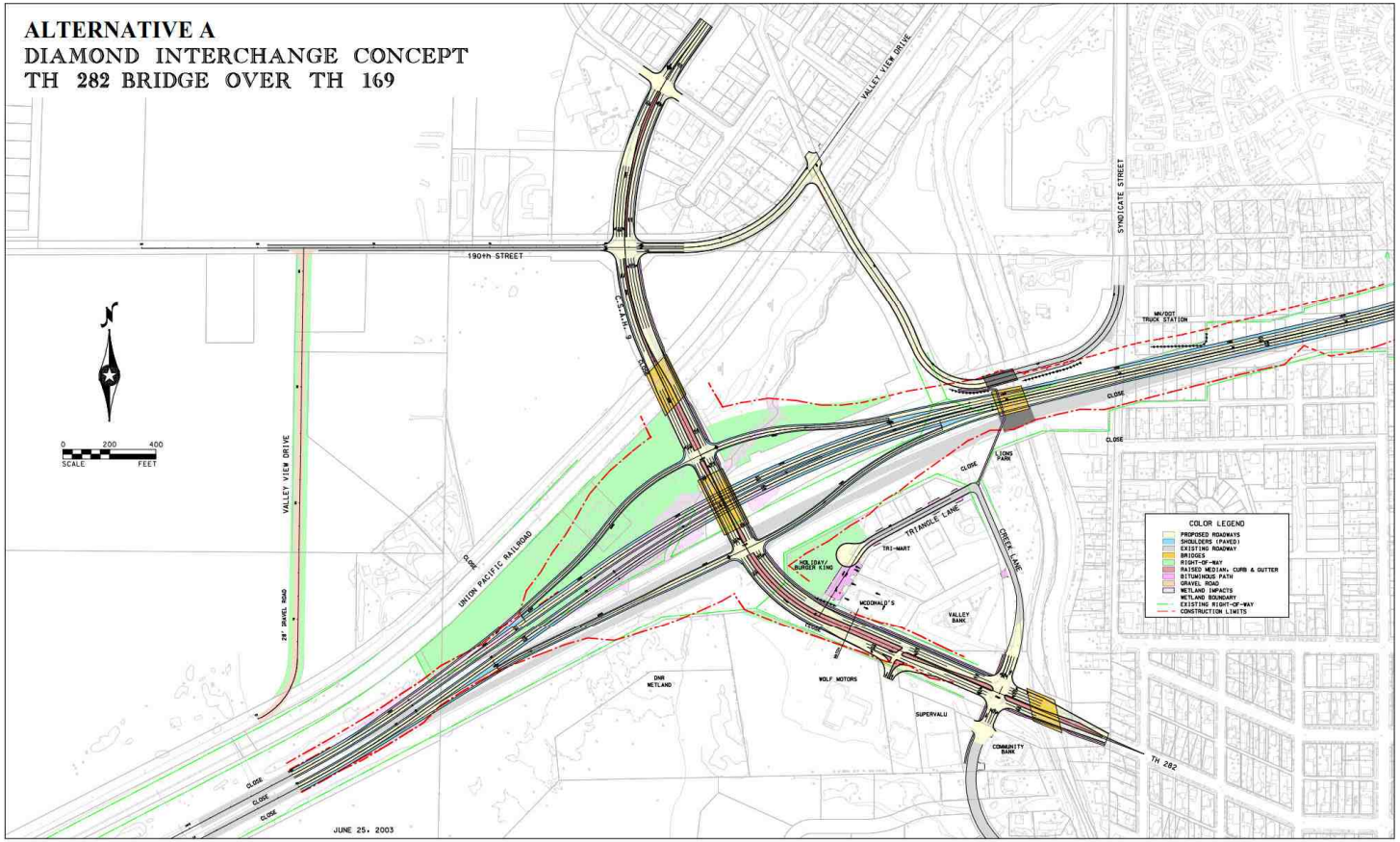
- Adequacy determination
  - Decision on whether project has potential for significant environmental effects
  - Determination of need for Environmental Impact Statement (EIS)

History/Background

- Many concepts developed and investigated over the past 20 years
- Following slides show these concepts



TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW



TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW

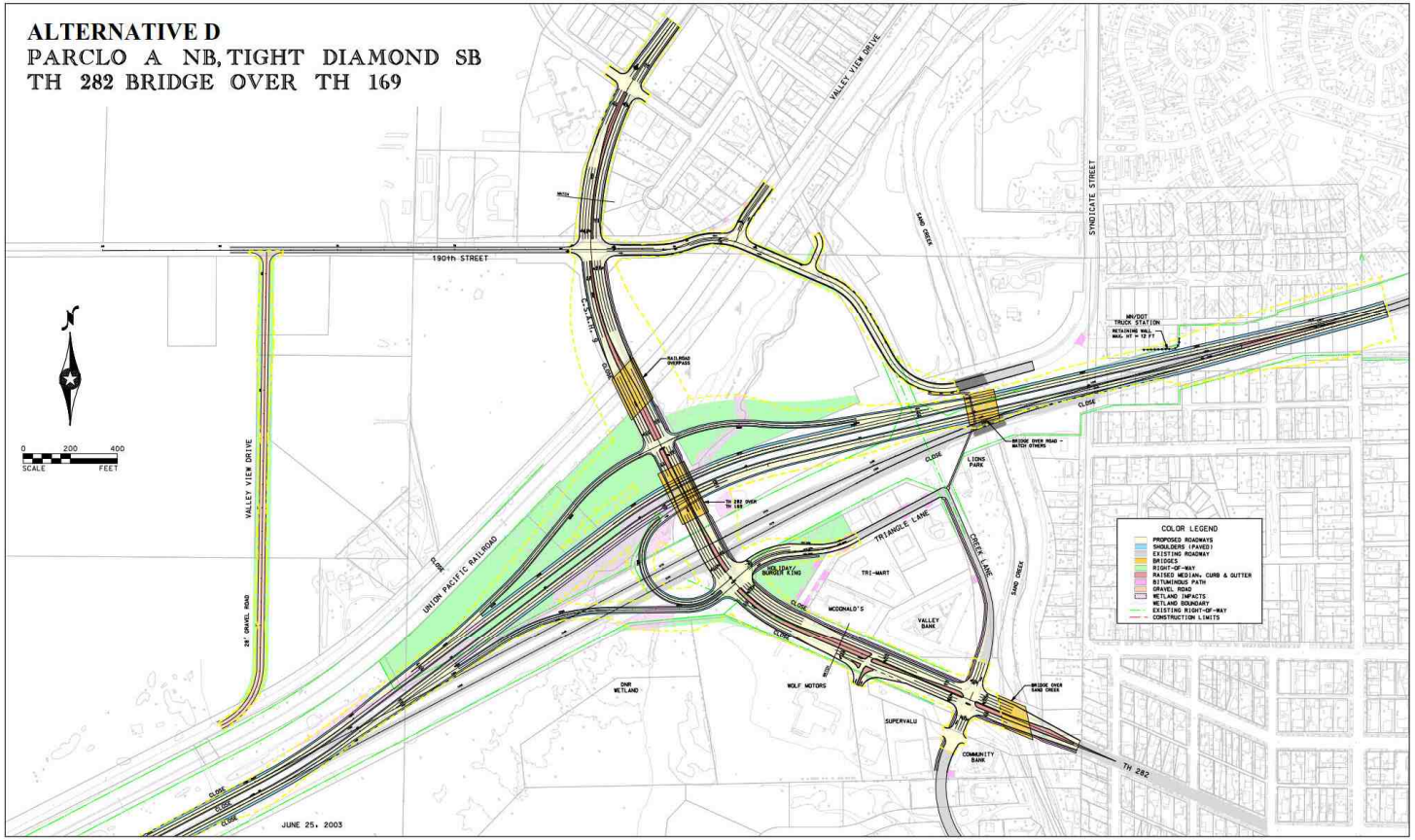


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CONSULTING ENGINEERS & SURVEYORS

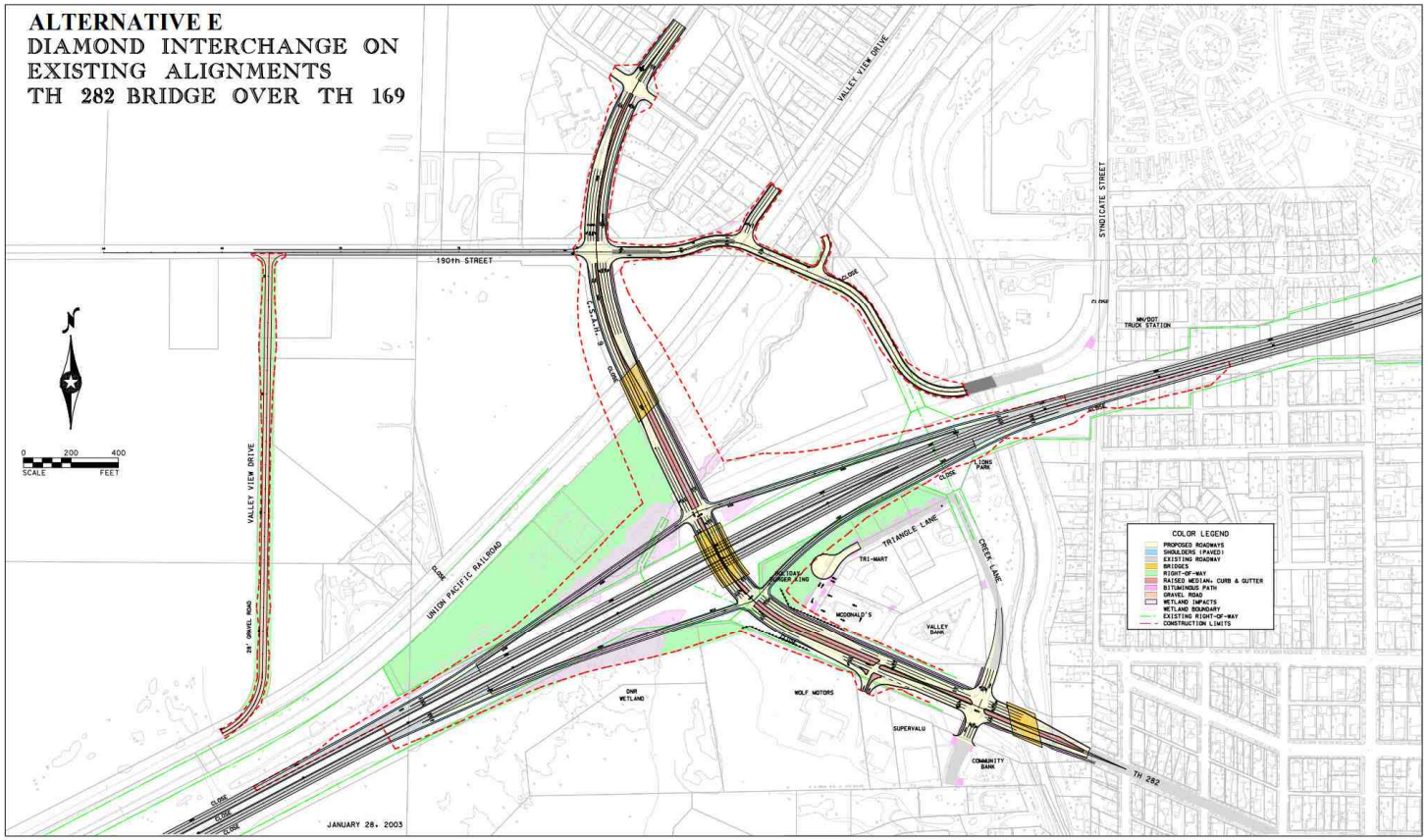
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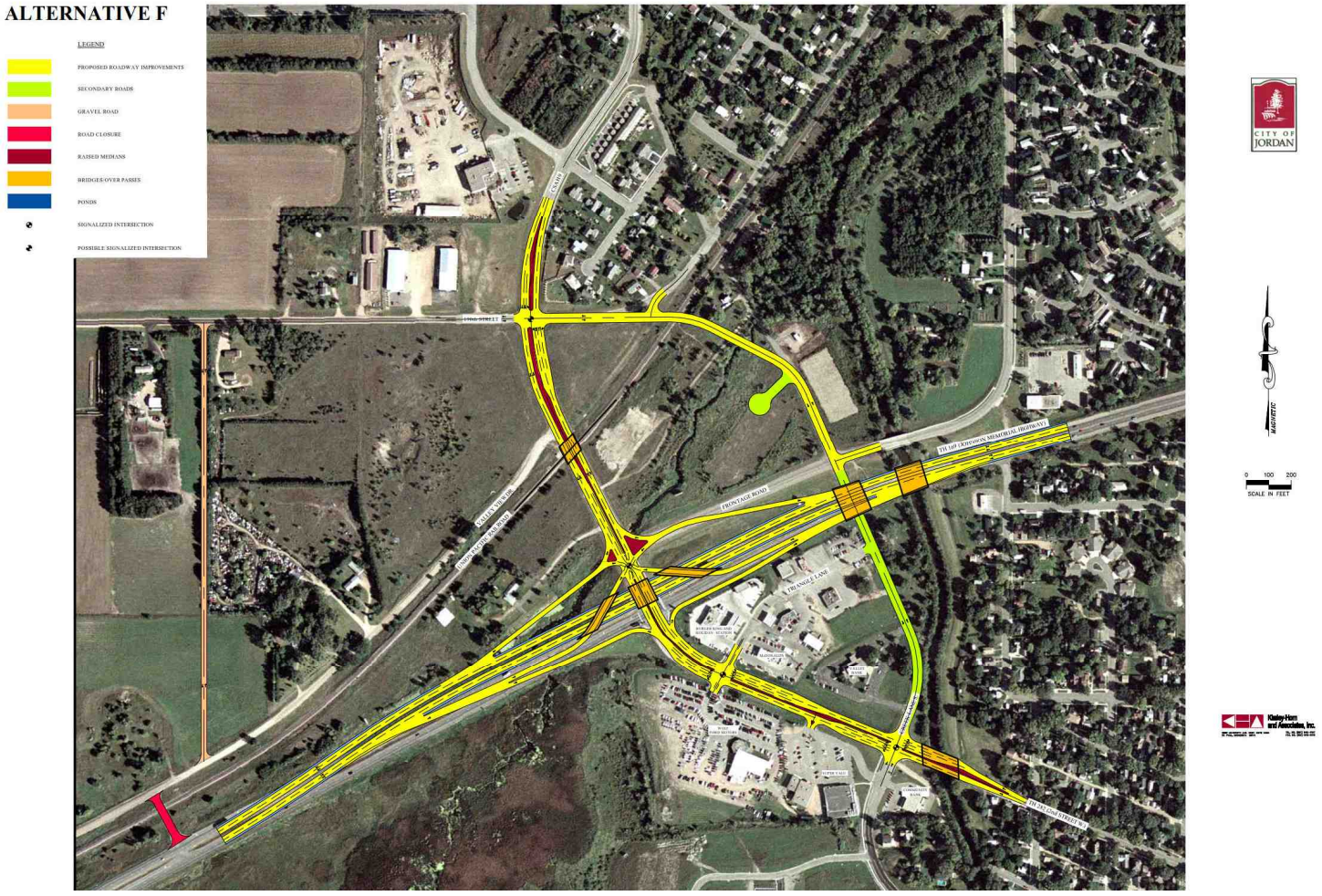


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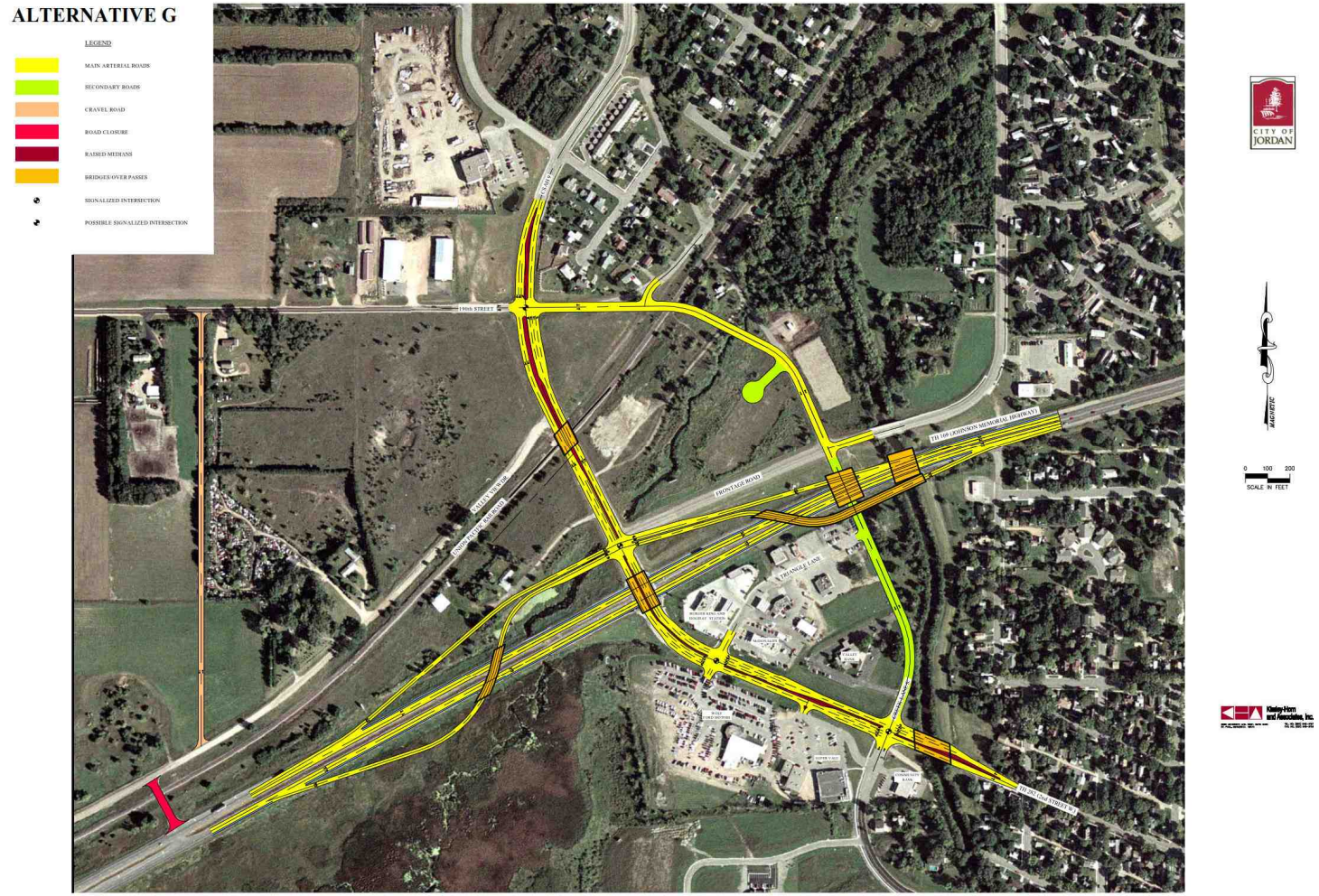


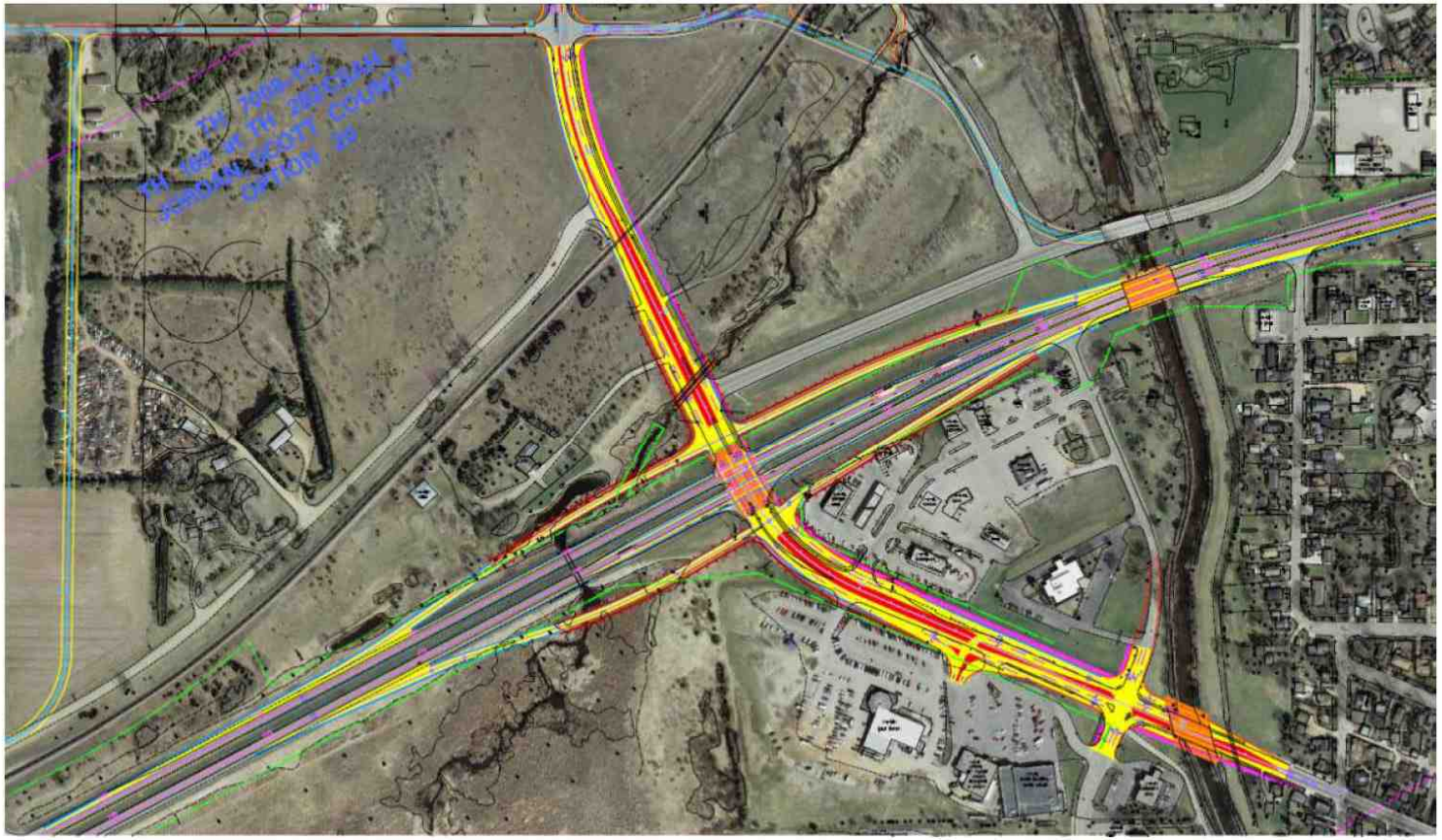
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TH 169/TH 282/CR 9
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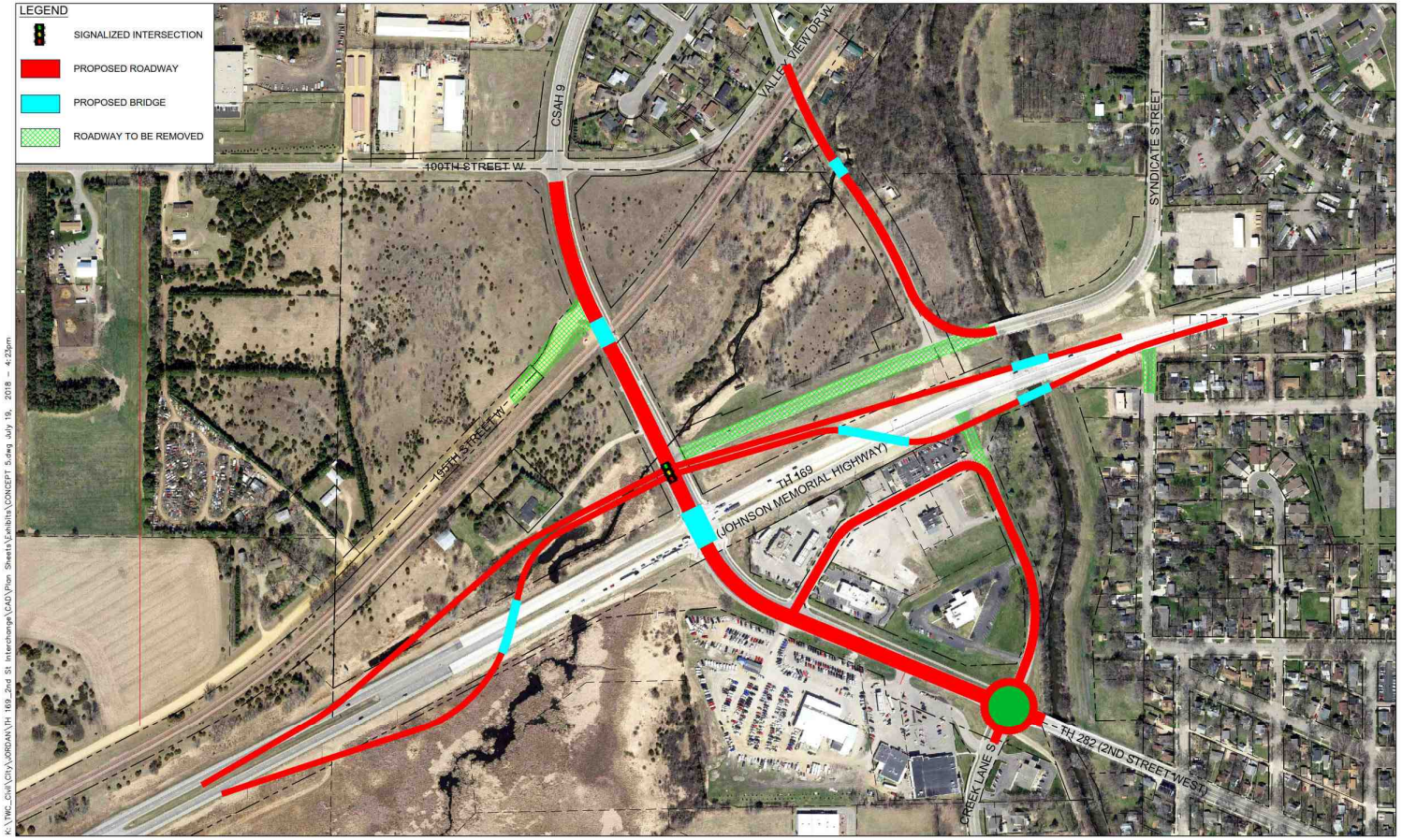
TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW





Provided by MnDOT and presented at the October 15, 2013 City of Jordan EDA meeting.

TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW

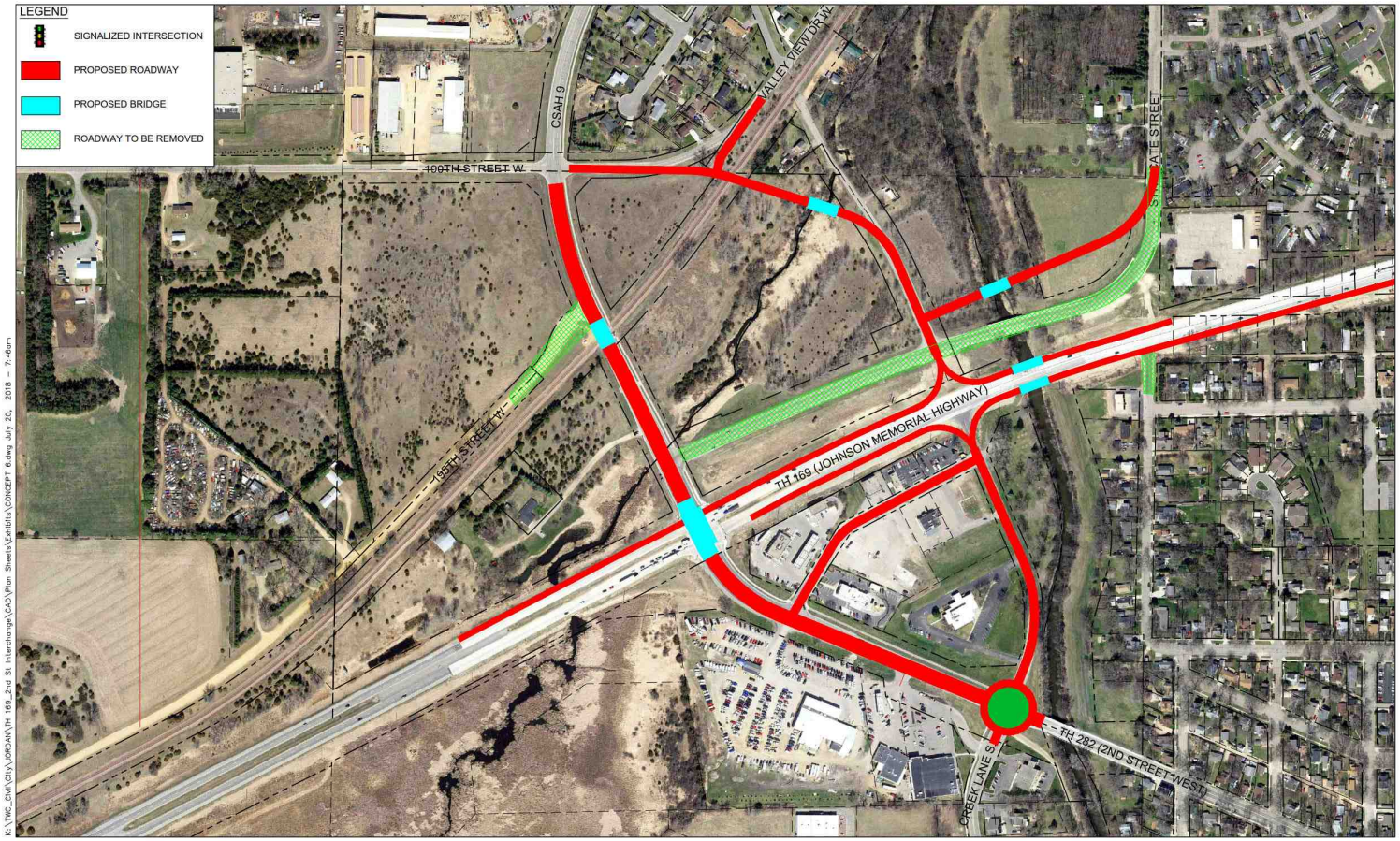


TH 169 / TH 282 / CR 9
INTERCHANGE CONCEPT 5
OFFSET SINGLE POINT URBAN INTERCHANGE

NORTH

0 150 300
HORIZONTAL SCALE IN FEET

TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW

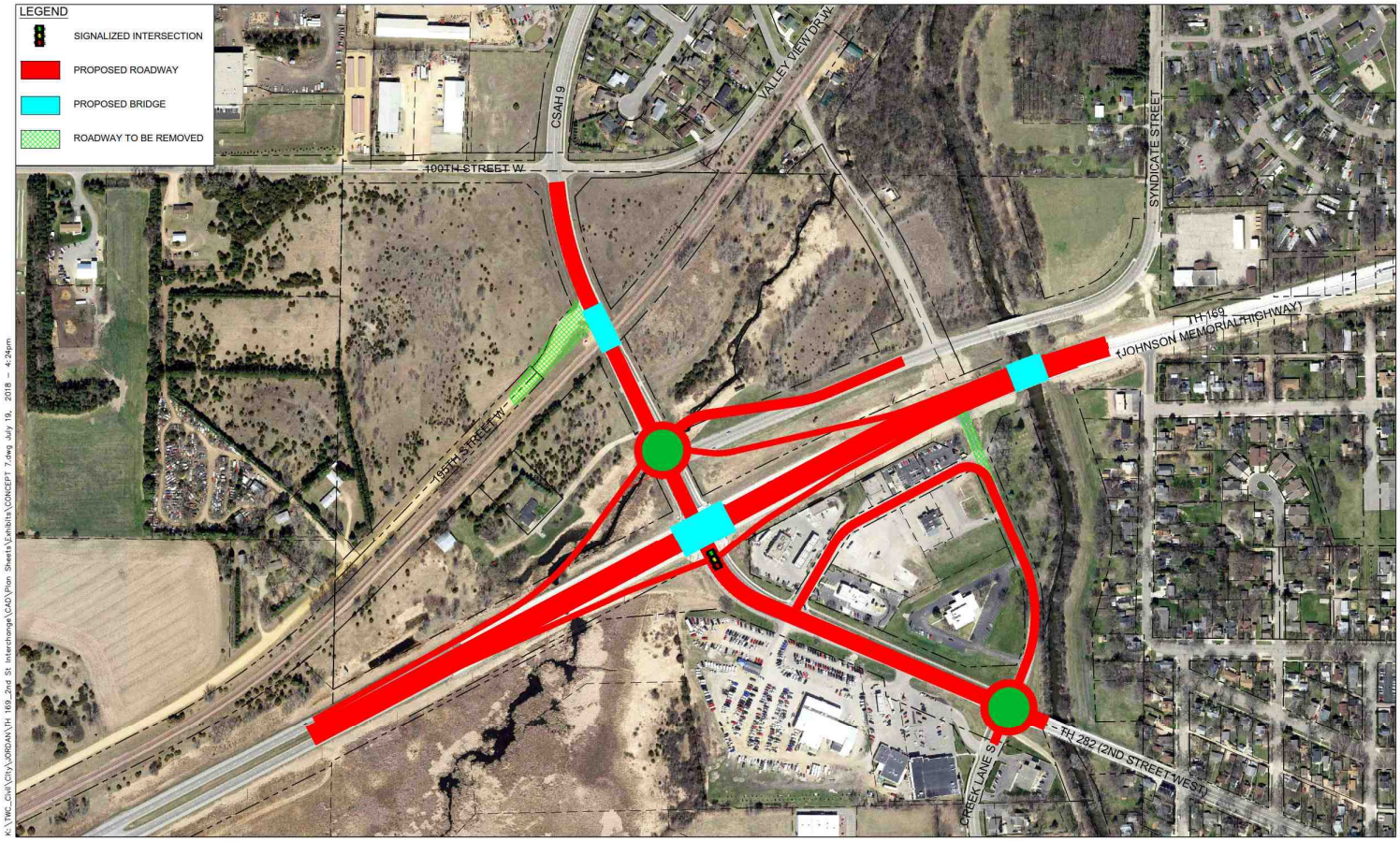


TH 169 / TH 282 / CR 9
INTERCHANGE CONCEPT 6
QUADRANT INTERCHANGE

NORTH

0 150 300
HORIZONTAL SCALE IN FEET

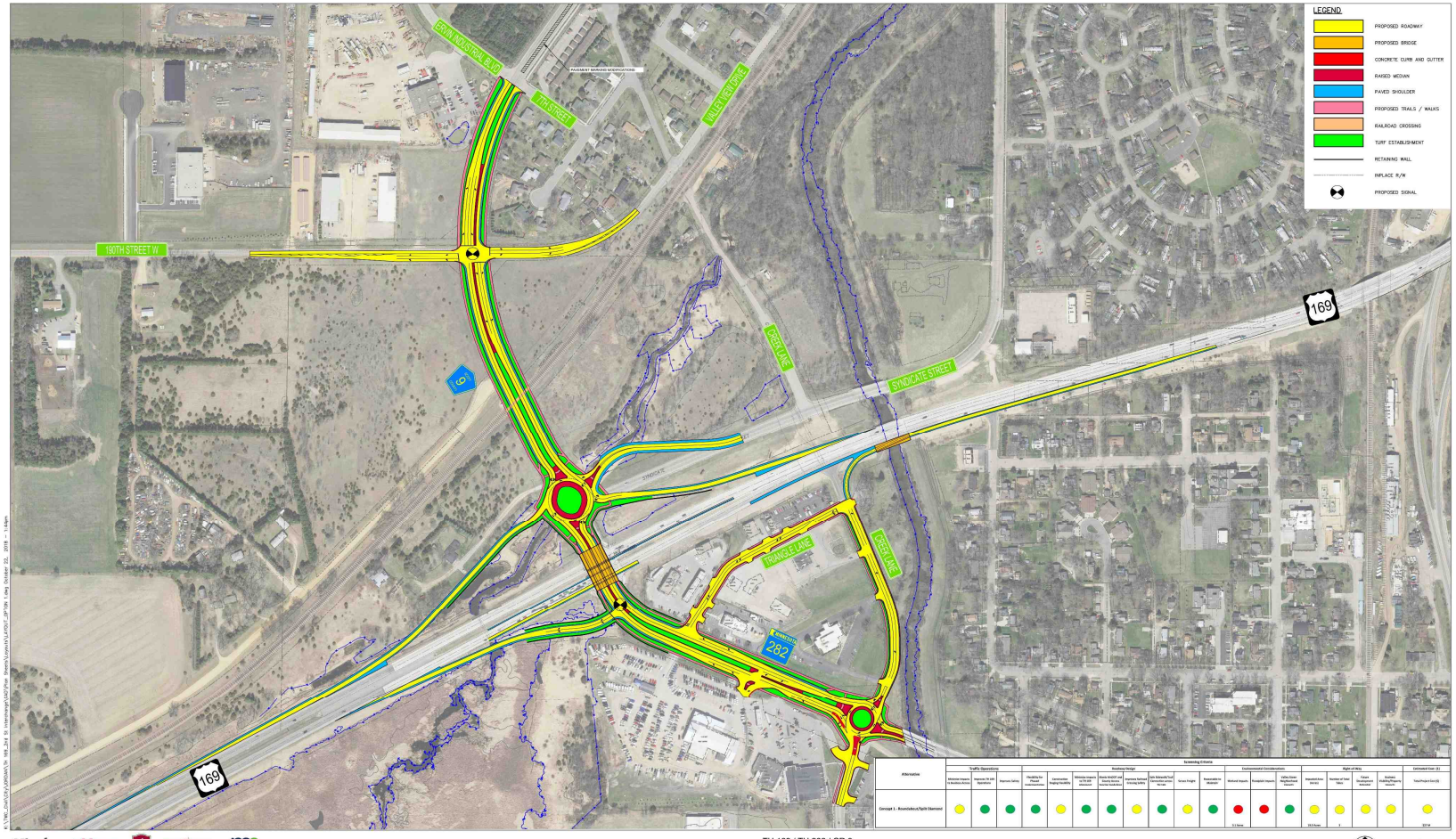
TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW



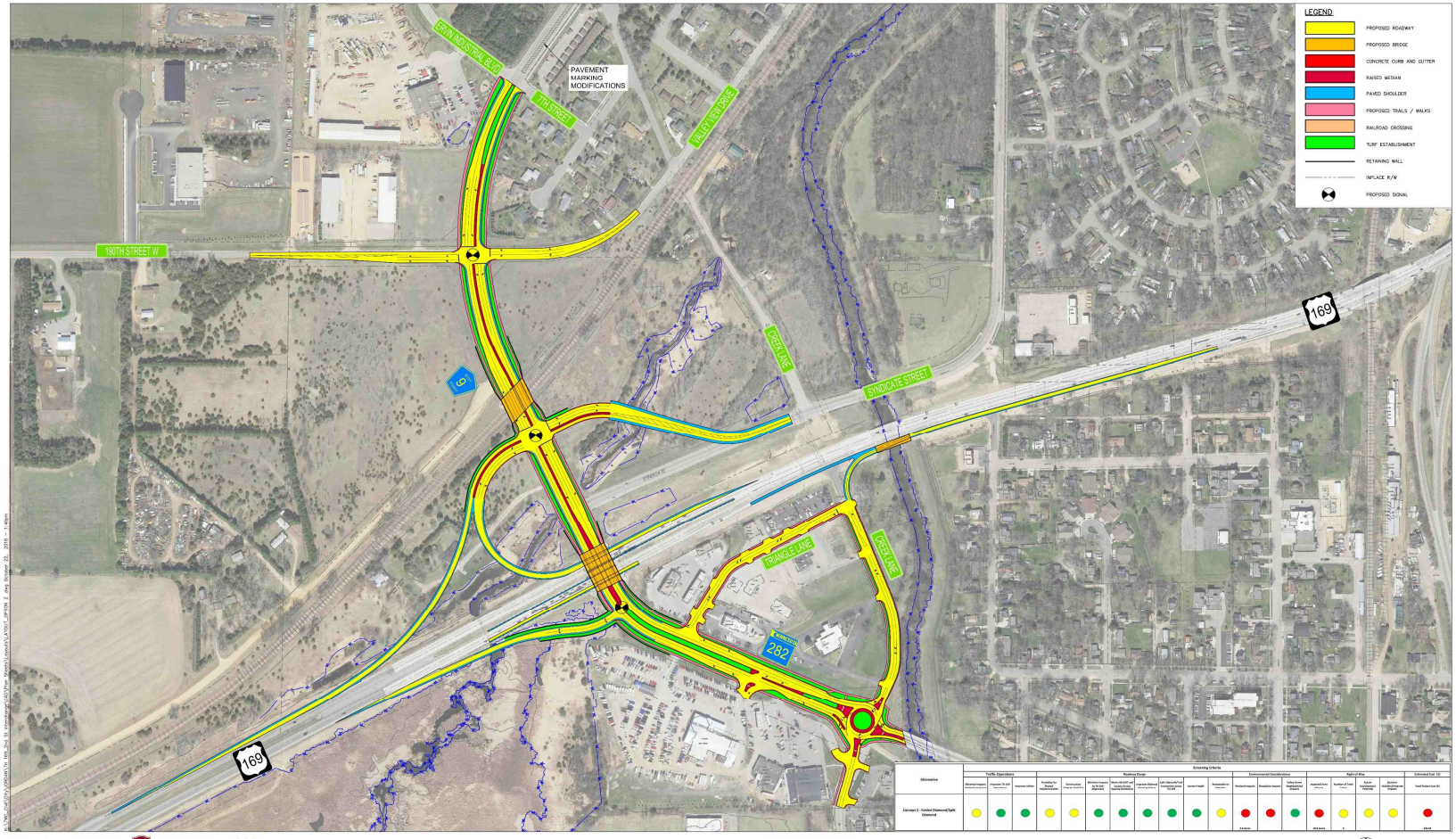
TH 169 / TH 282 / CR 9
INTERCHANGE CONCEPT 7
DIAMOND / TIGHT DIAMOND TH 169 OVER TH 282 / CR 9

NORTH
0 150 300
HORIZONTAL SCALE IN FEET

TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW

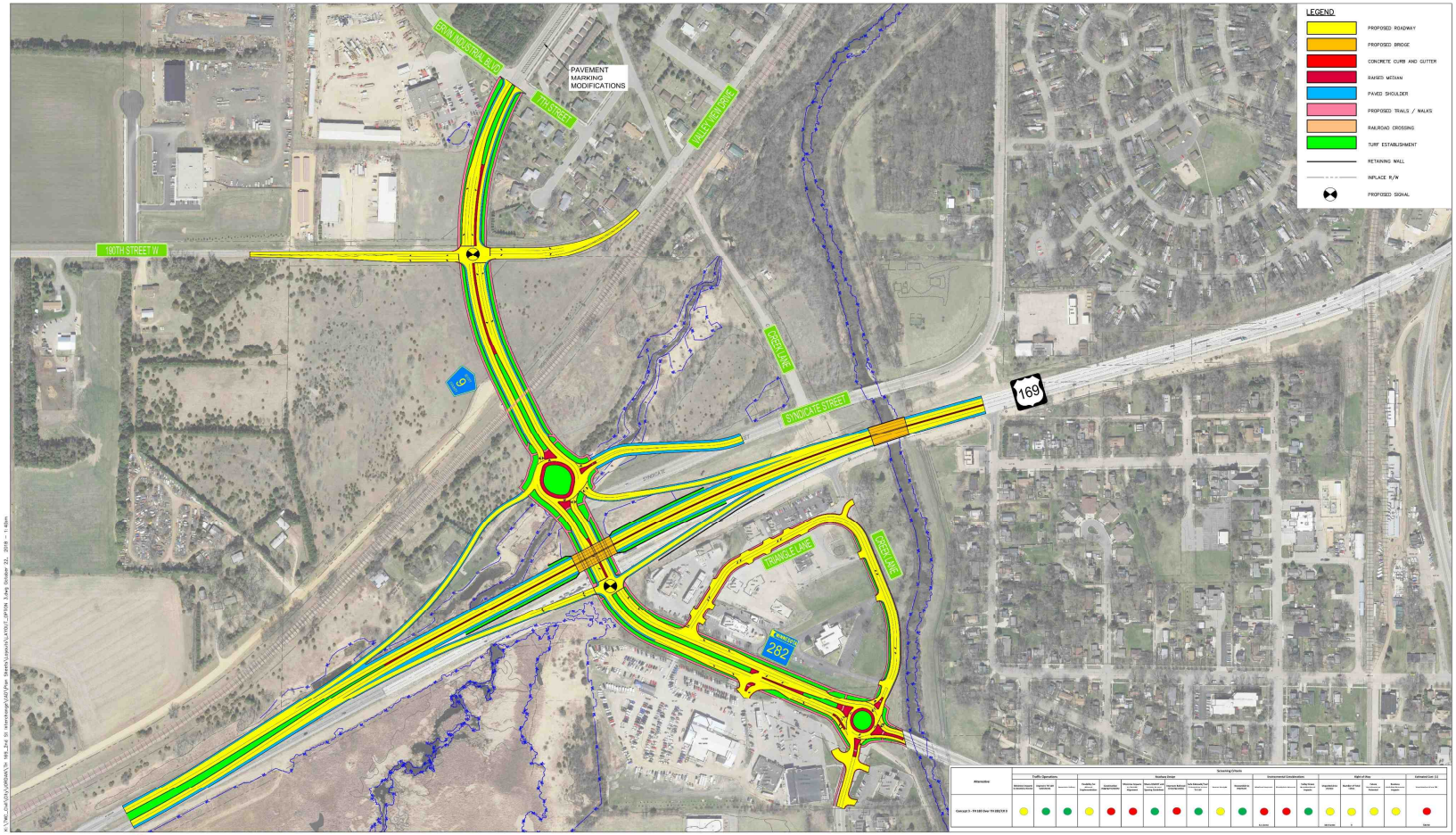


TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW



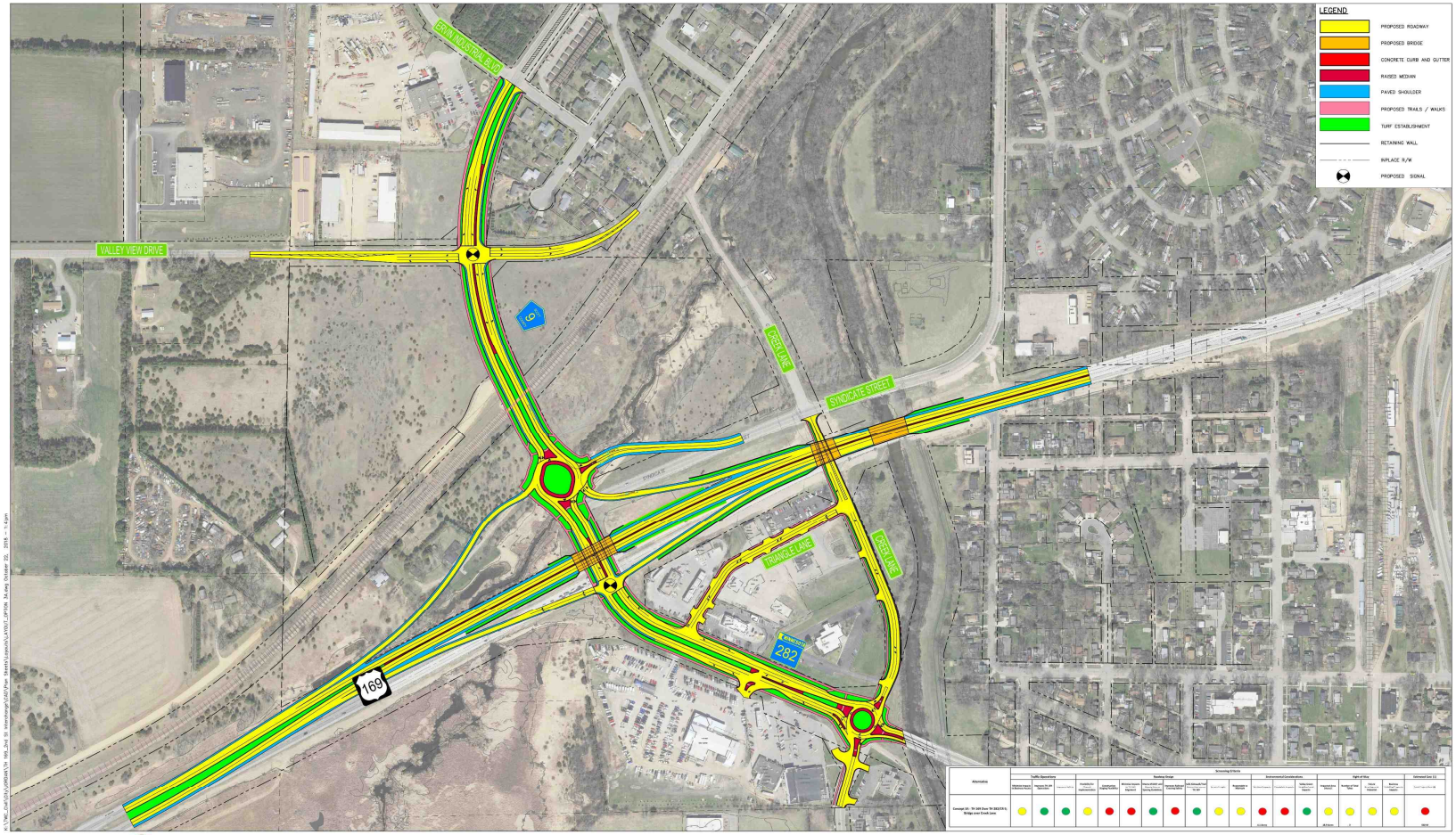
TH 169 / TH 282 / CR 9
CONCEPT 2 - FOLDED DIAMOND / SPLIT DIAMOND
10/22/2018

TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW



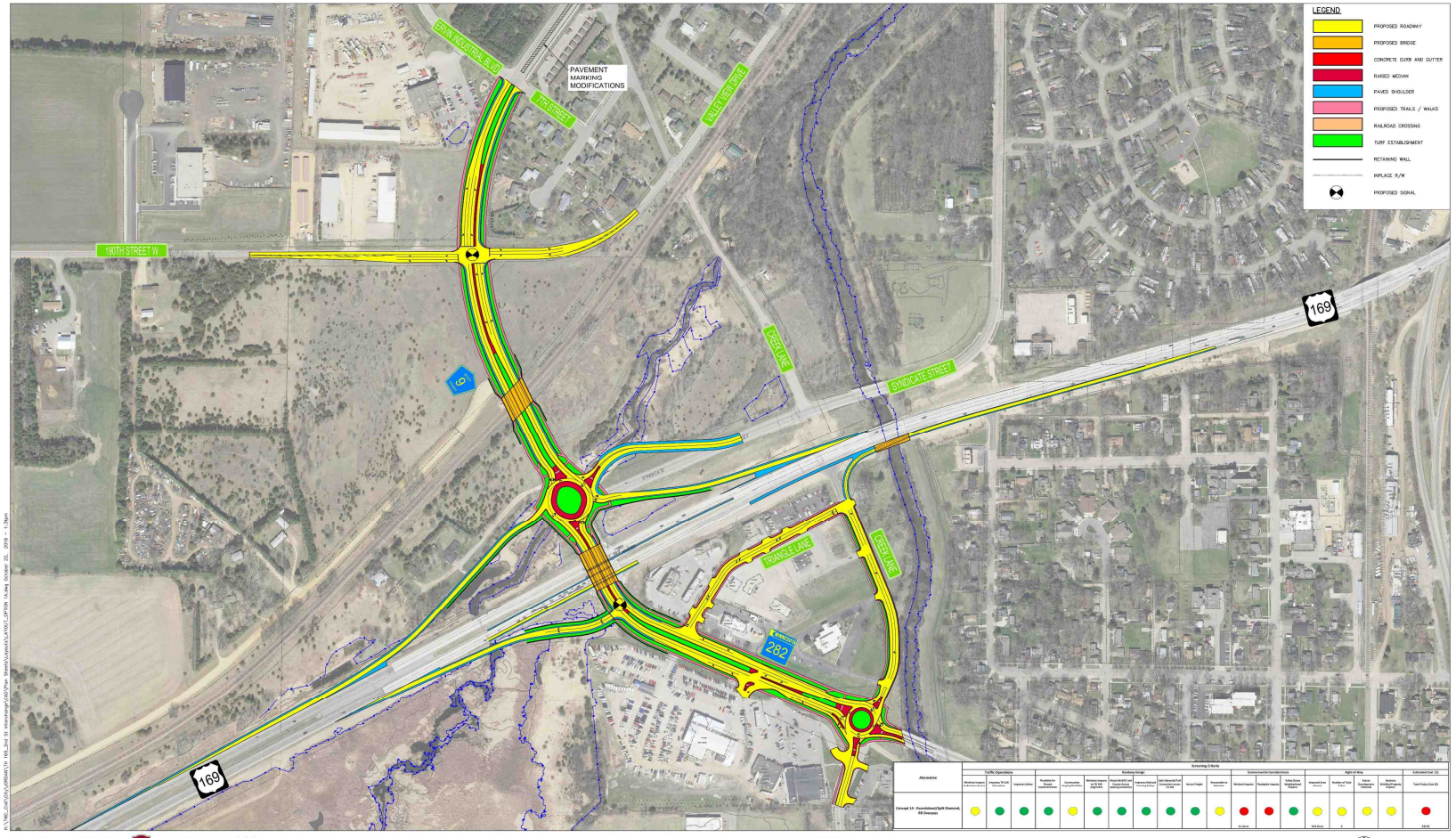
TH 169 / TH 282 / CR 9
CONCEPT 3 - TH 169 OVER TH 282 & CR 9
10/22/2018

TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW



TH 169 / TH 282 / CR 9
CONCEPT 3 A - TH 169 BRIDGE OVER CREEK LANE
10/22/2018

TH 169/TH 282/CR 9
PRELIMINARY DESIGN AND ENVIRONMENTAL REVIEW



TH 169 / TH 282 / CR 9
CONCEPT 1A - ROUNDABOUT / SPLIT DIAMOND / OVER RAILROAD
10/22/2018