

Large Figures

List of Figures

Figure 1 - Project Location.....	2:2
Figure 2 - County M Transportation Improvement Program (TIP) Approved Construction Projects.....	2:3
Figure 3 - 2006 Congestion Levels, Madison Area, Dane County.....	2:4
Figure 4 - North/South Connector Routes	2:9
Figure 5 - Madison Metro Transit Weekday Service and Supplemental School Day Service Maps	2:10
Figure 6 - Corridor Phases.....	2:15
Figure 7 - Preferred Alternative, South Phase	2:16
Figure 8 - Preferred Alternative, North Phase.....	2:17
Figure 9 - Access Changes.....	2:19
Figure 10 – Area Trails and Multi-Use Paths	2:22
Figure 11 – Option A-2: Signalized Intersection	2:24
Figure 12 – Option A-3: Continuous Flow Intersection	2:25
Figure 13 – Option A-4.1: Northeast Jug-Handle Intersection	2:26
Figure 14 - Option A-4.3: Southeast Jug-Handle Intersection	2:27
Figure 15 - Option A-4.4 Southwest Jug Handle	2:29
Figure 16 - Option A-5: Multi-Lane Roundabout	2:31
Figure 17 - Option A-6: Tight Diamond	2:33
Figure 18 - Option A-7: Westbound Underpass.....	2:35
Figure 19 - Option B-2: Continuous Flow Intersection	2:38
Figure 20 - Option B-3: Roundabout.....	2:39
Figure 21 - Option B-4: At-Grade Signalized Intersection.....	2:41
Figure 22 - Typical Section Location Overview.....	2:44
Figure 23 – Typical Sections (South and North Phases)	2:45
Figure 24 - Current Land Use: Madison Area January 2005	2:51
Figure 25 - Neighborhood Plans Adjacent to County M Project Area.....	2:53
Figure 26 - Municipalities in the Project Area	B-1:1
Figure 27 - Environmental Constraints Map	B-1:6
Figure 28 - Ice Age Junction Path Impacts - At Flagstone Drive	B-8:22
Figure 29 - Ice Age Junction Path Impacts - At Raymond Road	B-8:22
Figure 30 - Unnamed Path Impacts	B-8:25

List of Tables

Table A - Current and Projected Traffic Counts, County M Project Corridor	2:4
Table B - Signalized At-Grade Intersection Level of Service	2:6
Table C - Crash Rates 2009 - 2013, County M Project Section and Statewide Average for County Trunk Highways.....	2:7
Table D - Population, Households and Race (2010 Census)	2:57
Table H - Household Income (2010 Census)	2:58
Table F - Economic Characteristics for Dane County.....	A-1:1
Table G - University of Wisconsin Property Uses	B-8:2

Figure 1 – Project Location

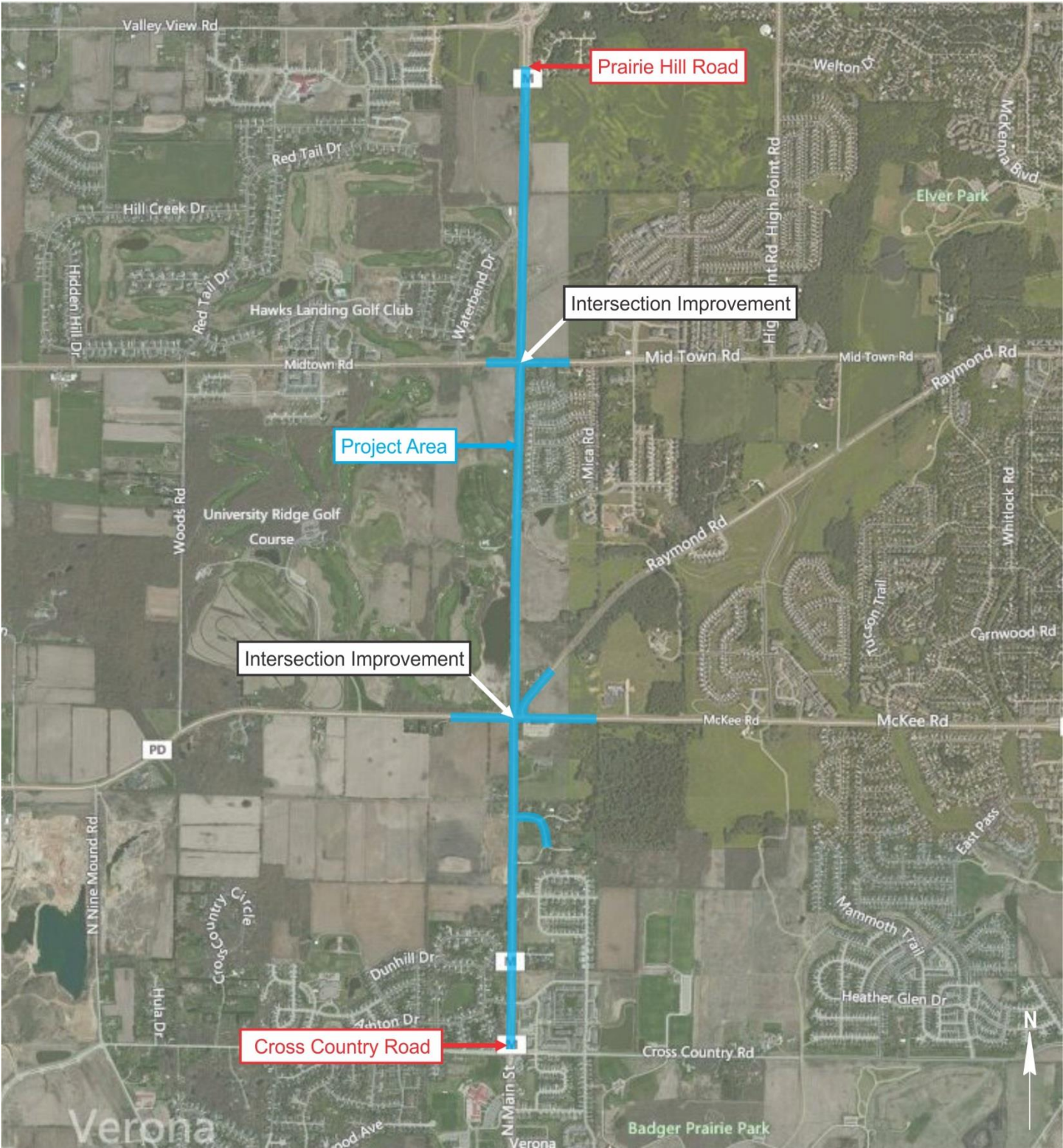


Figure 2 – CTH M Transportation Improvement Program (TIP) Approved Construction Projects

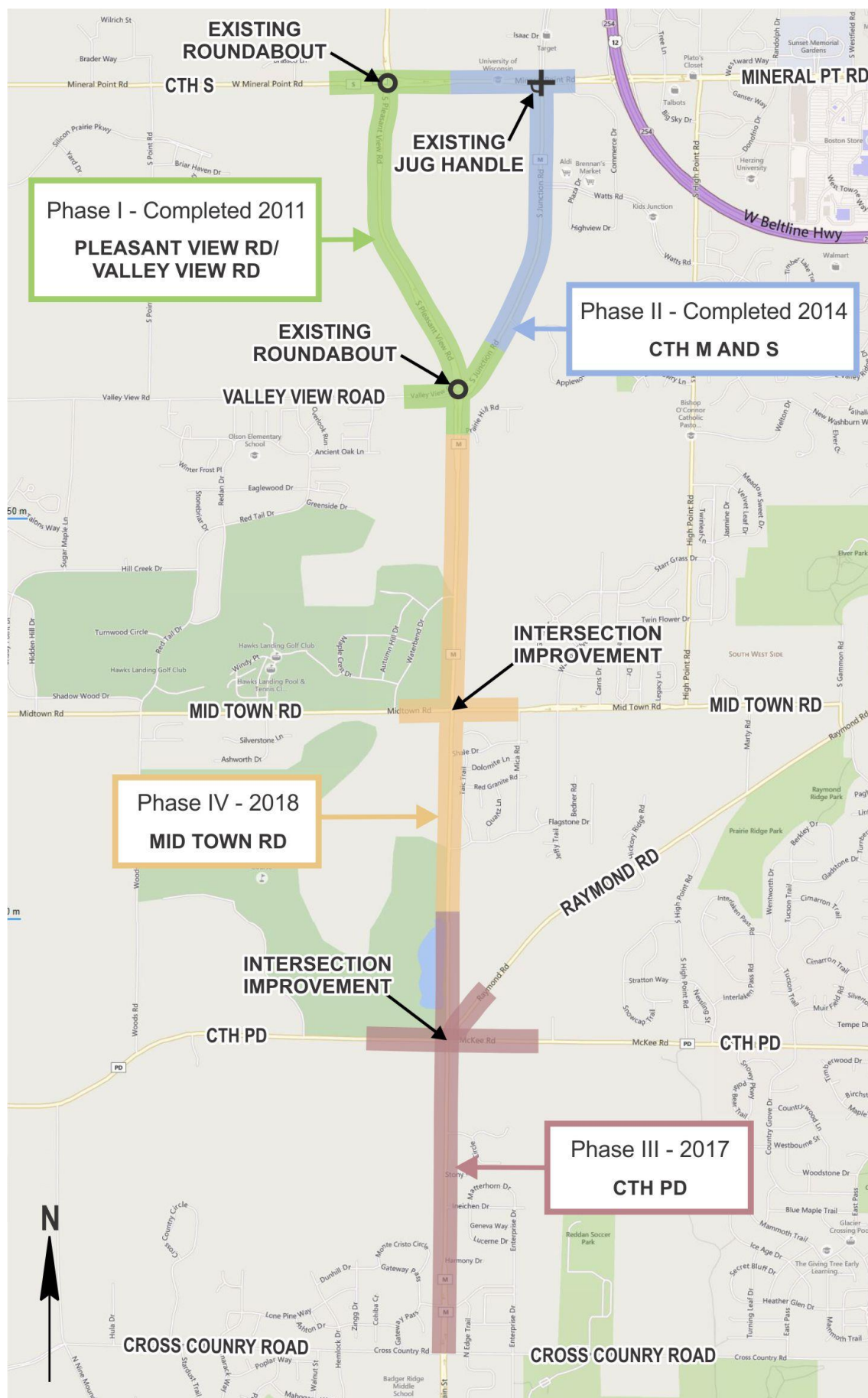


Figure 3 – 2006 Congestion Levels, Madison Area, Dane County

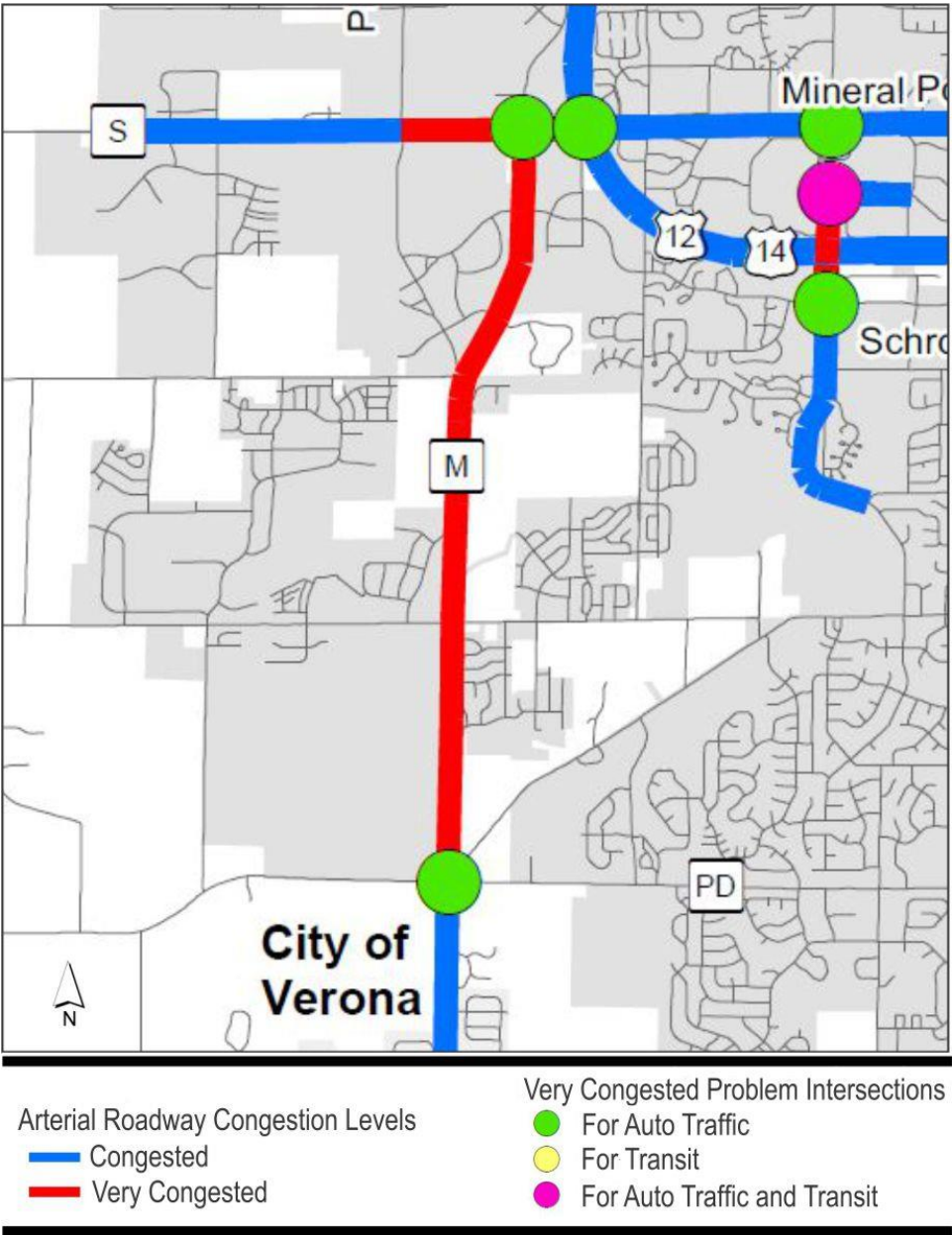


Figure 4 – North/South Connector Routes

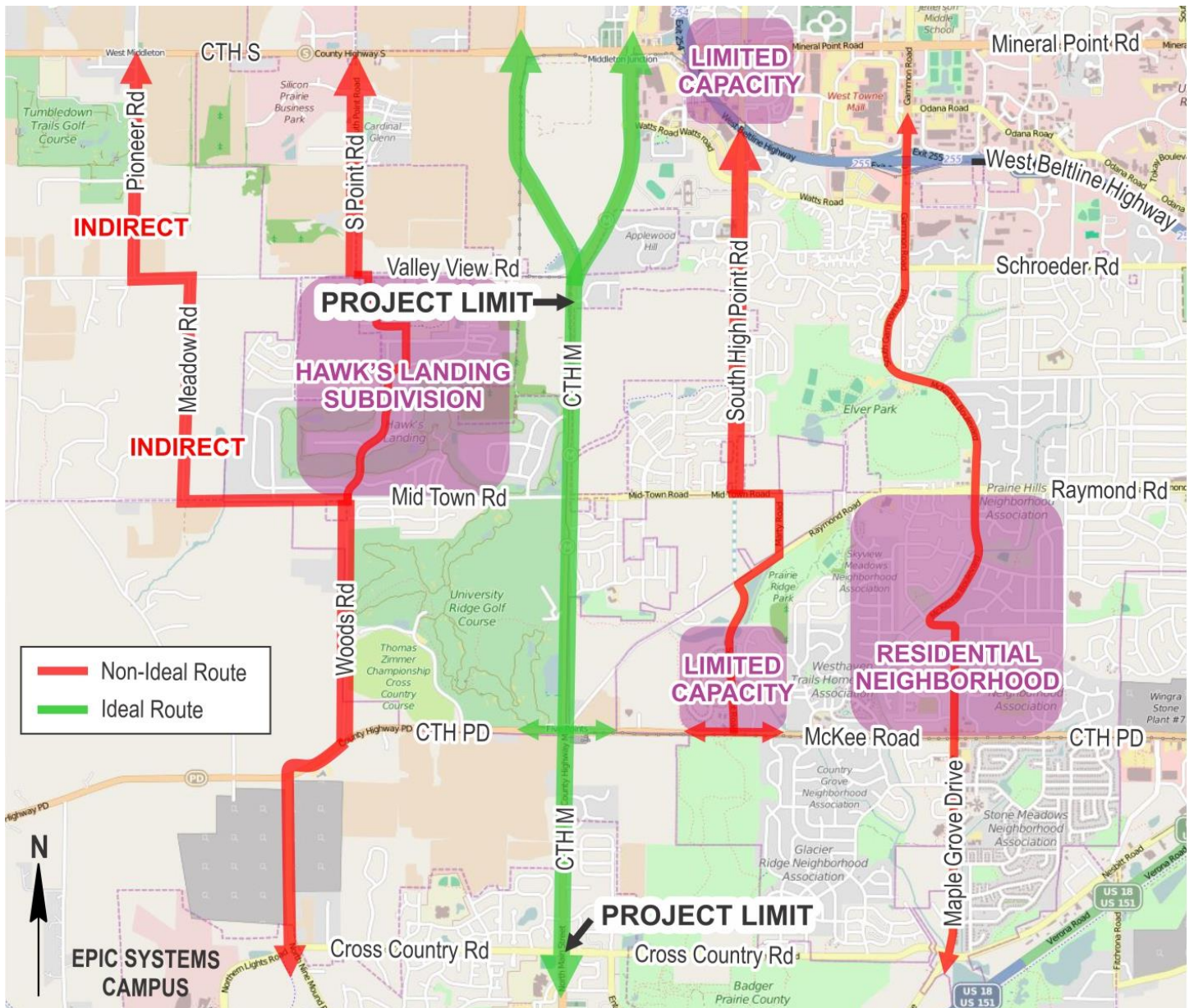
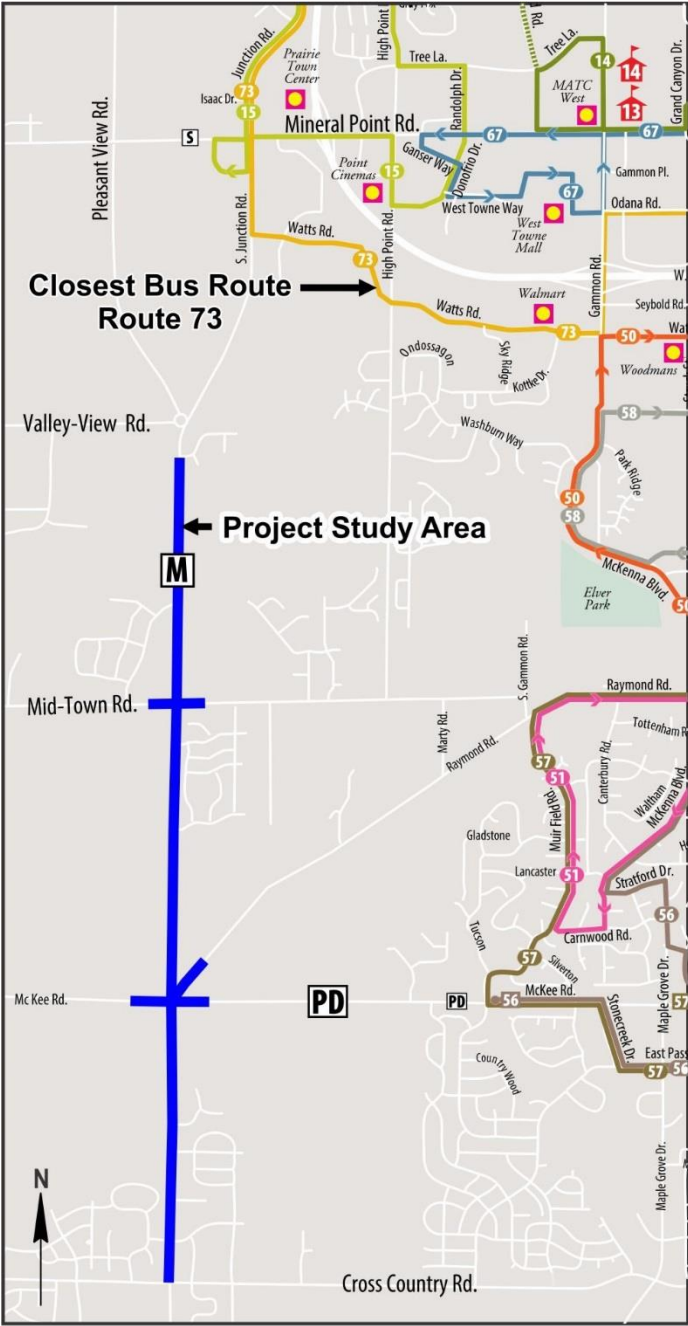


Figure 5 – Madison Metro Transit Weekday System Map – Southwest Side



Madison Metro Transit Weekday Service



Supplemental School Day Service

Figure 6 – Corridor Phases

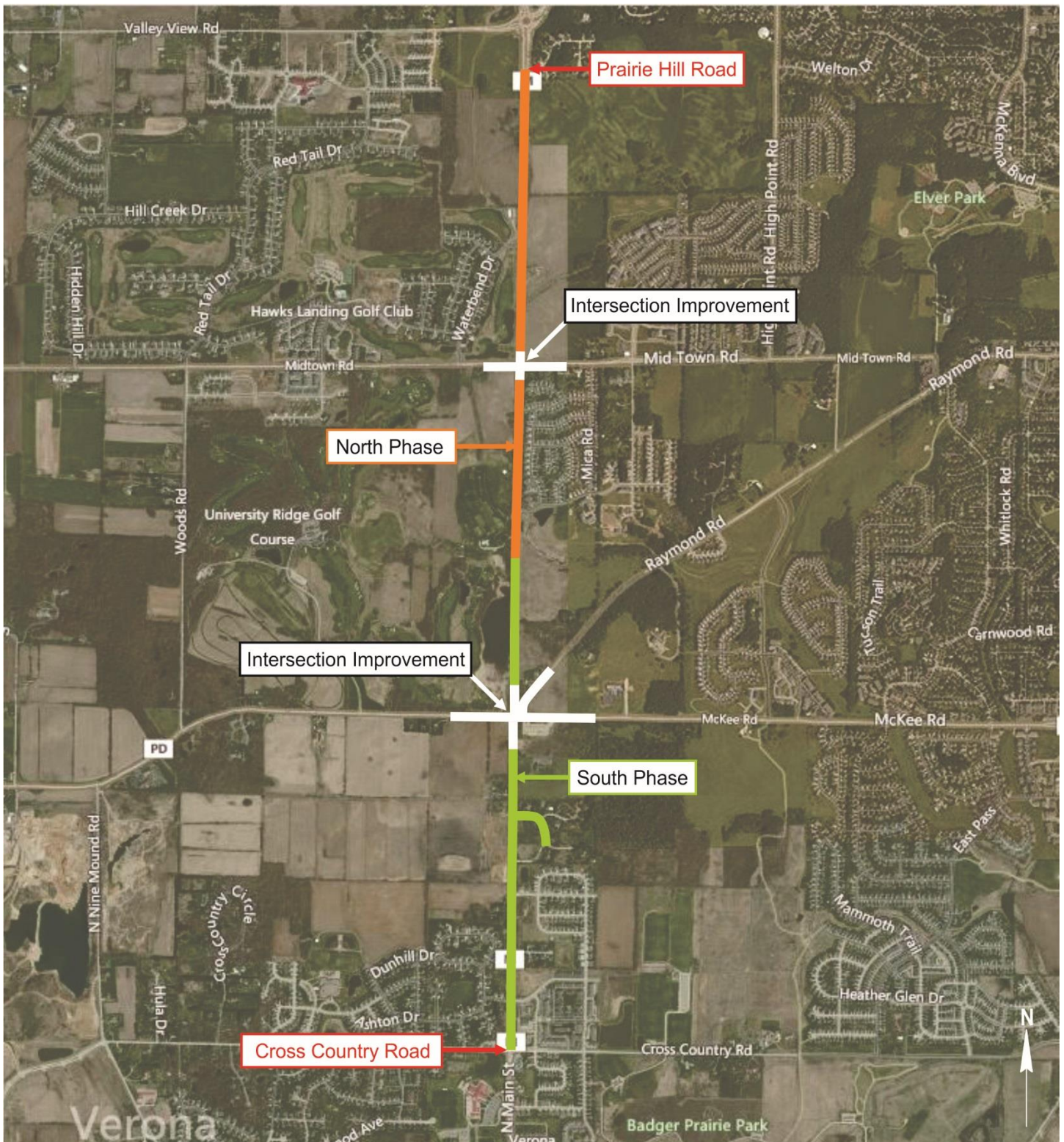


Figure 7 – Preferred Alternative, South Phase



Figure 8 – Proposed Alternative, North Phase



Figure 9 – Access Changes

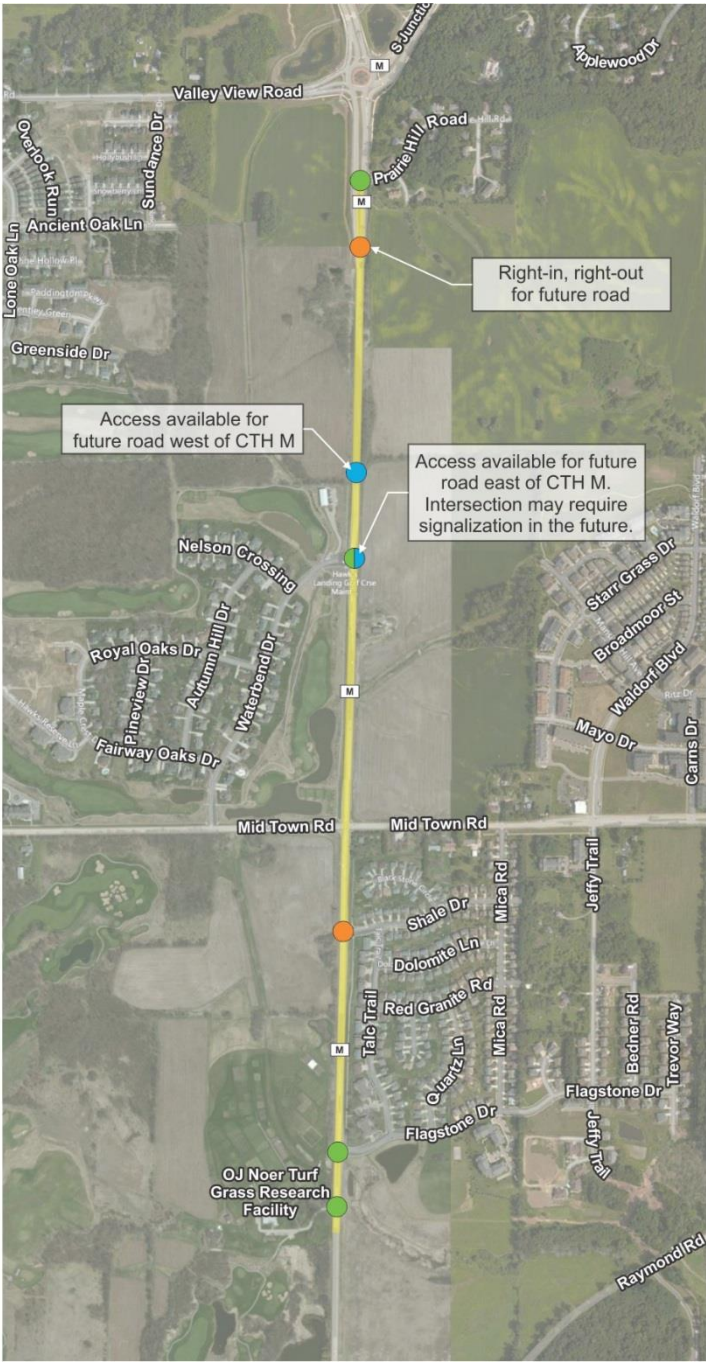


Figure 10 – Area Trails and Multi-Use Paths

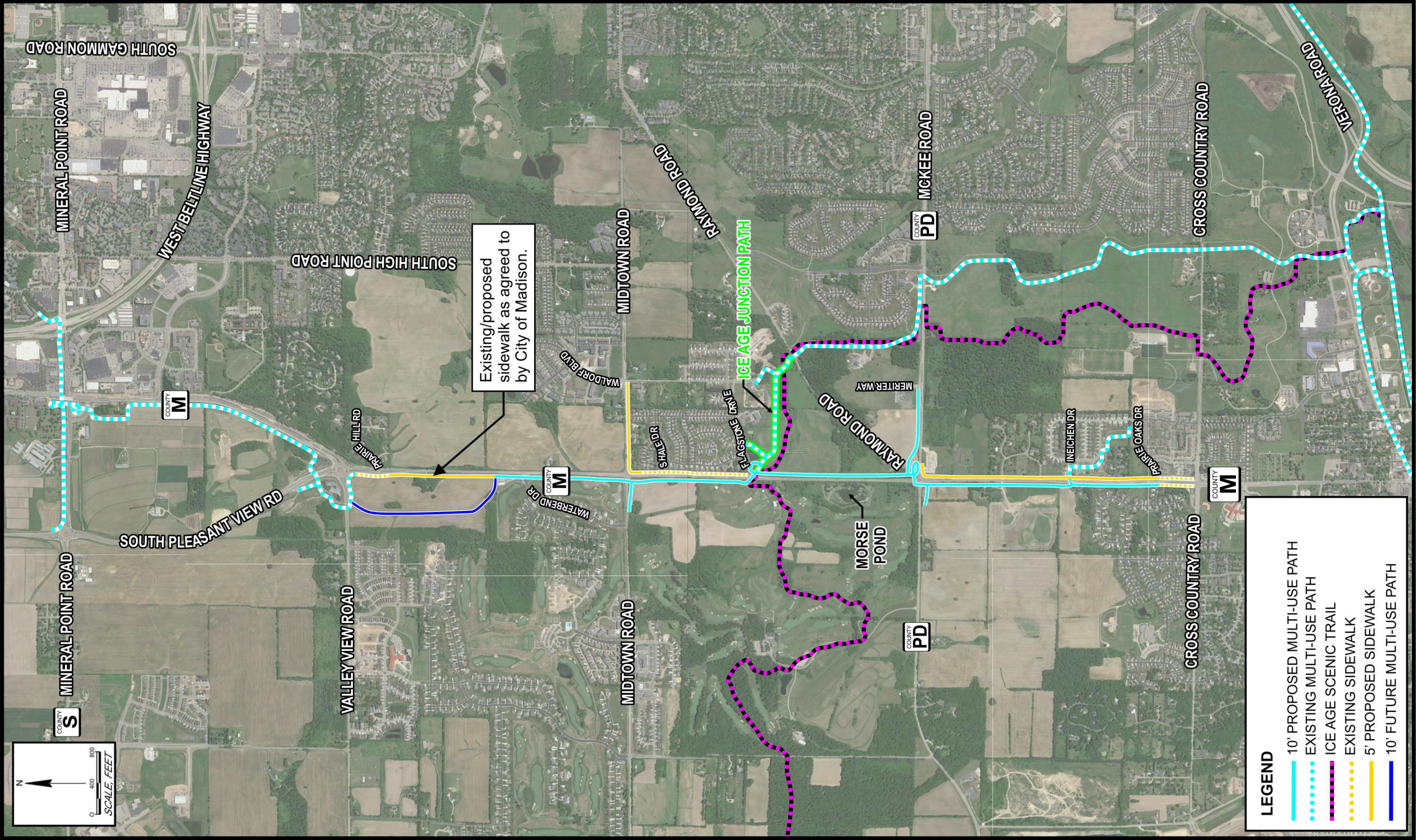


Figure 11 – Option A-2: Signalized Intersection

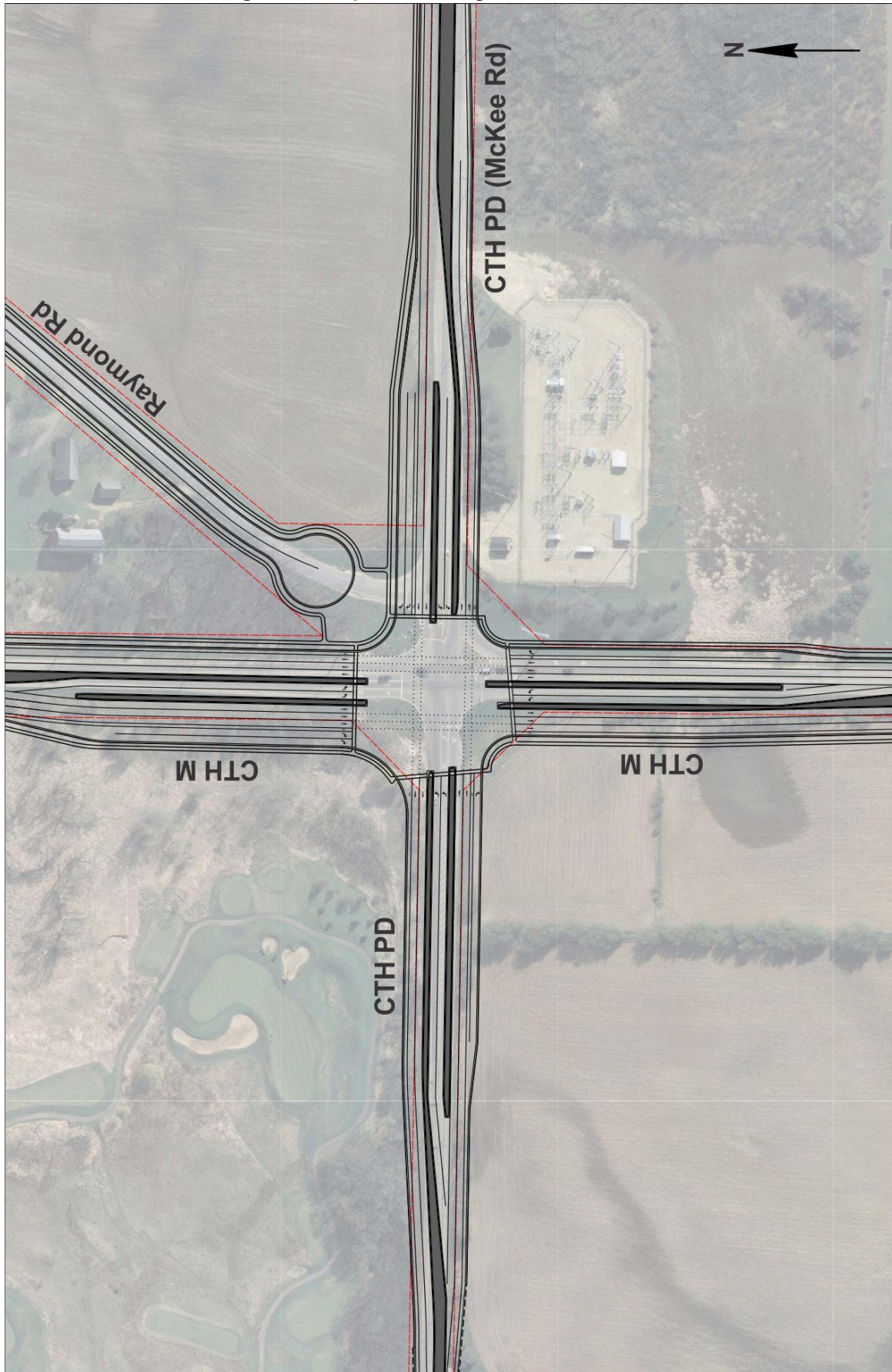


Figure 12 – Option A-3: Continuous Flow Intersection

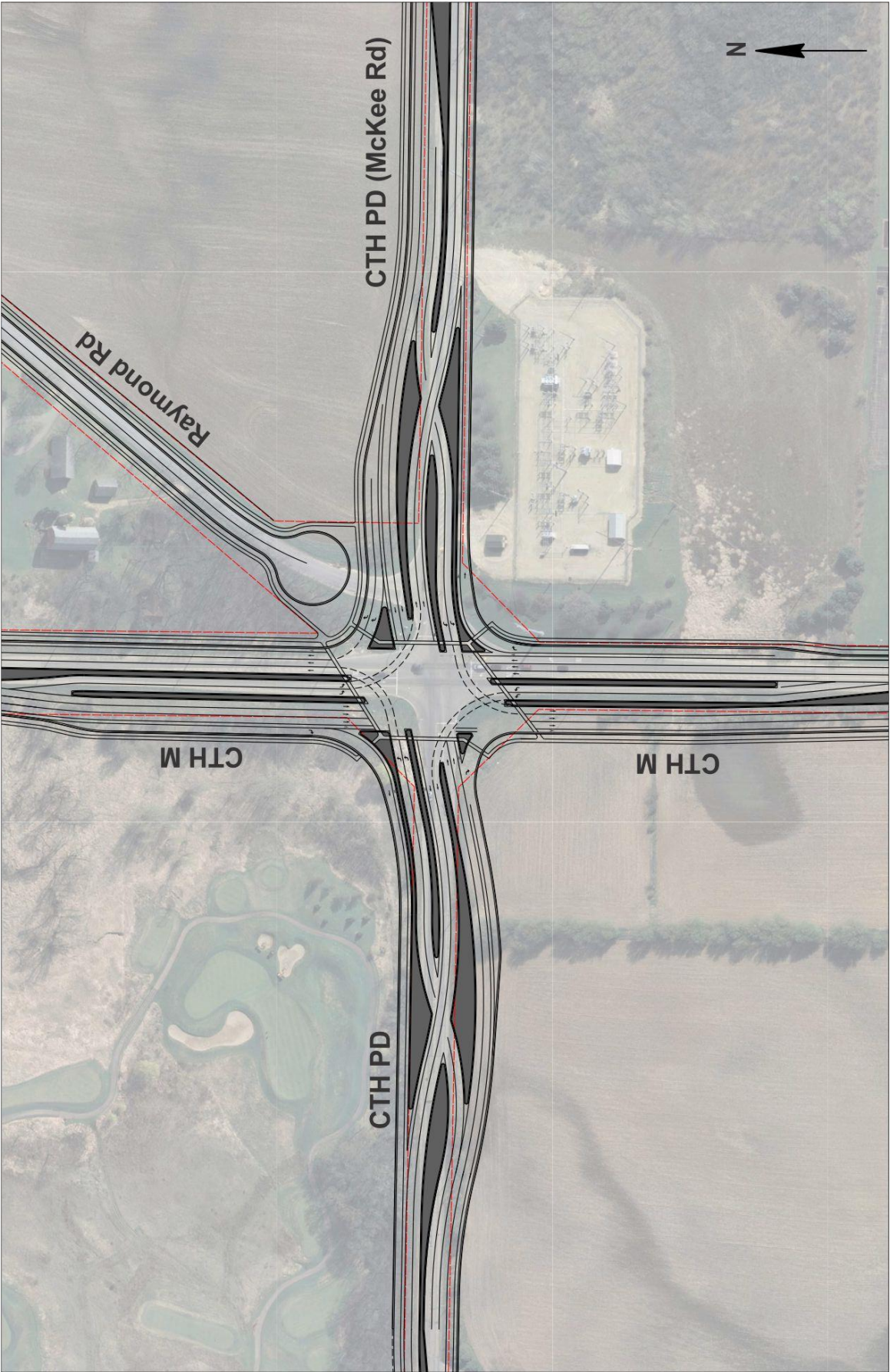


Figure 13 – Option A-4.1: Northeast Jug-Handle Intersection

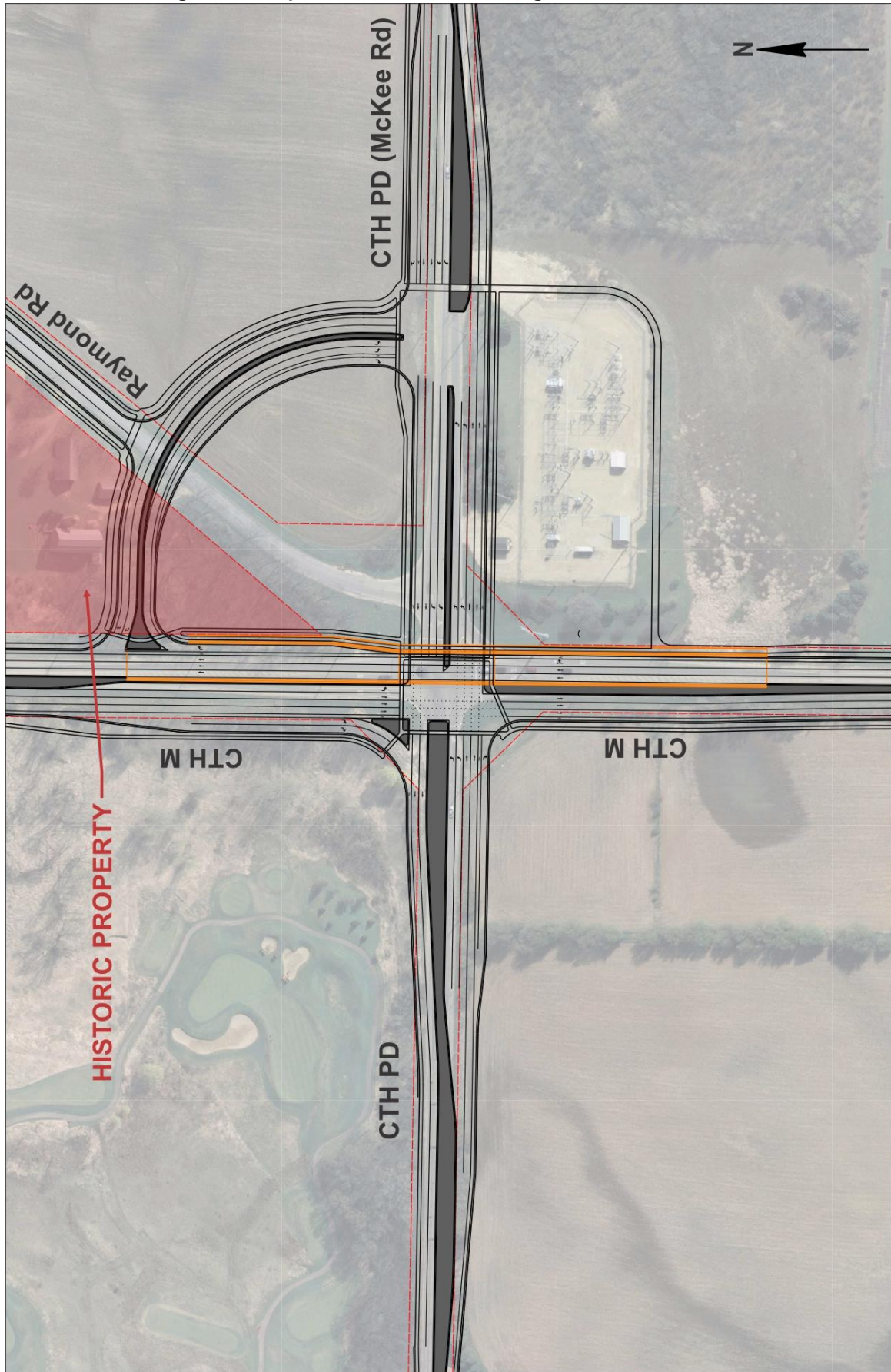


Figure 14 – Option A-4.3: Southeast Jug-Handle Intersection

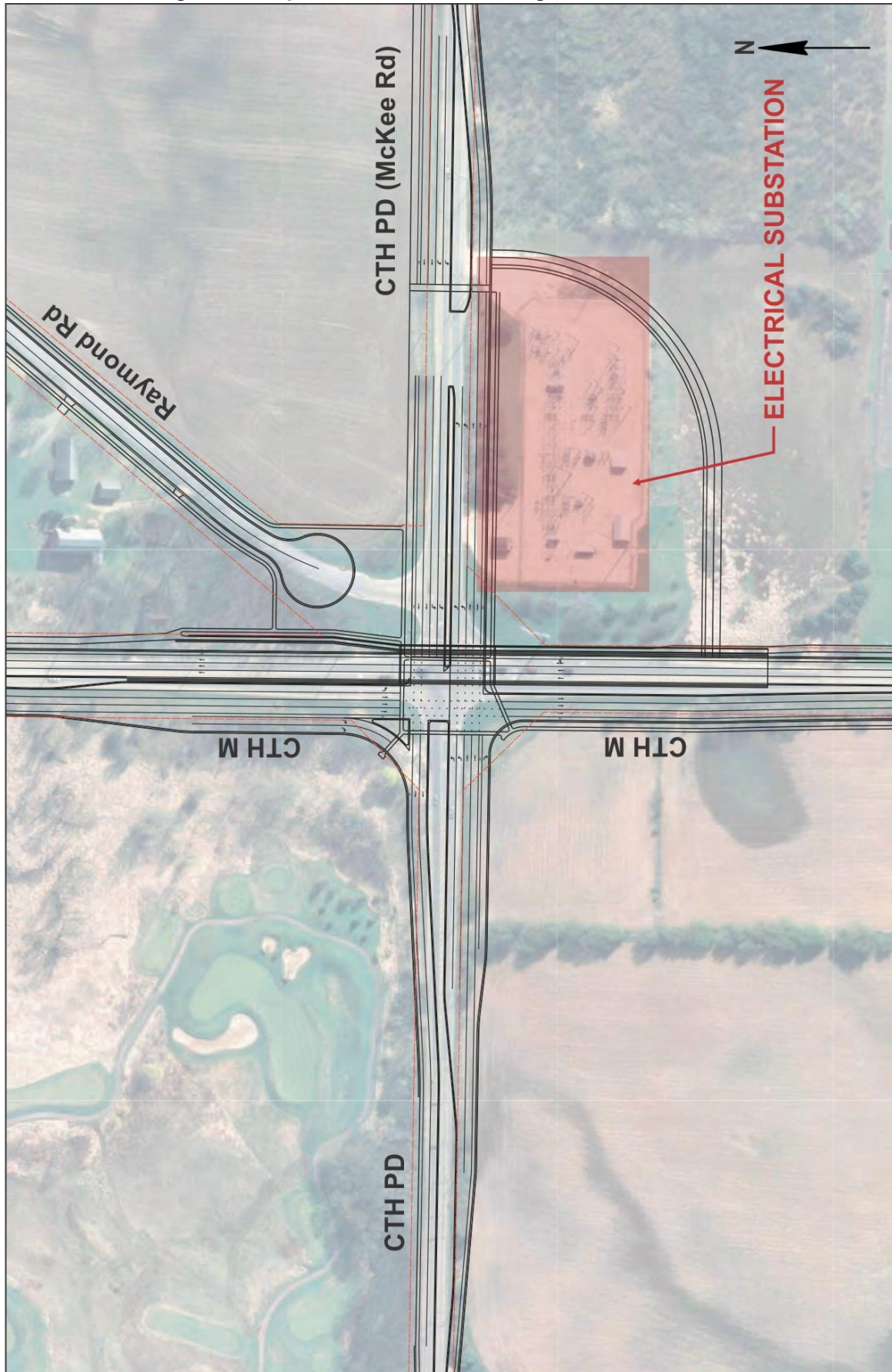


Figure 15 – Option A-4.4: Southwest Jug-Handle Intersection



Figure 16 – Option A-5: Multi-lane Roundabout

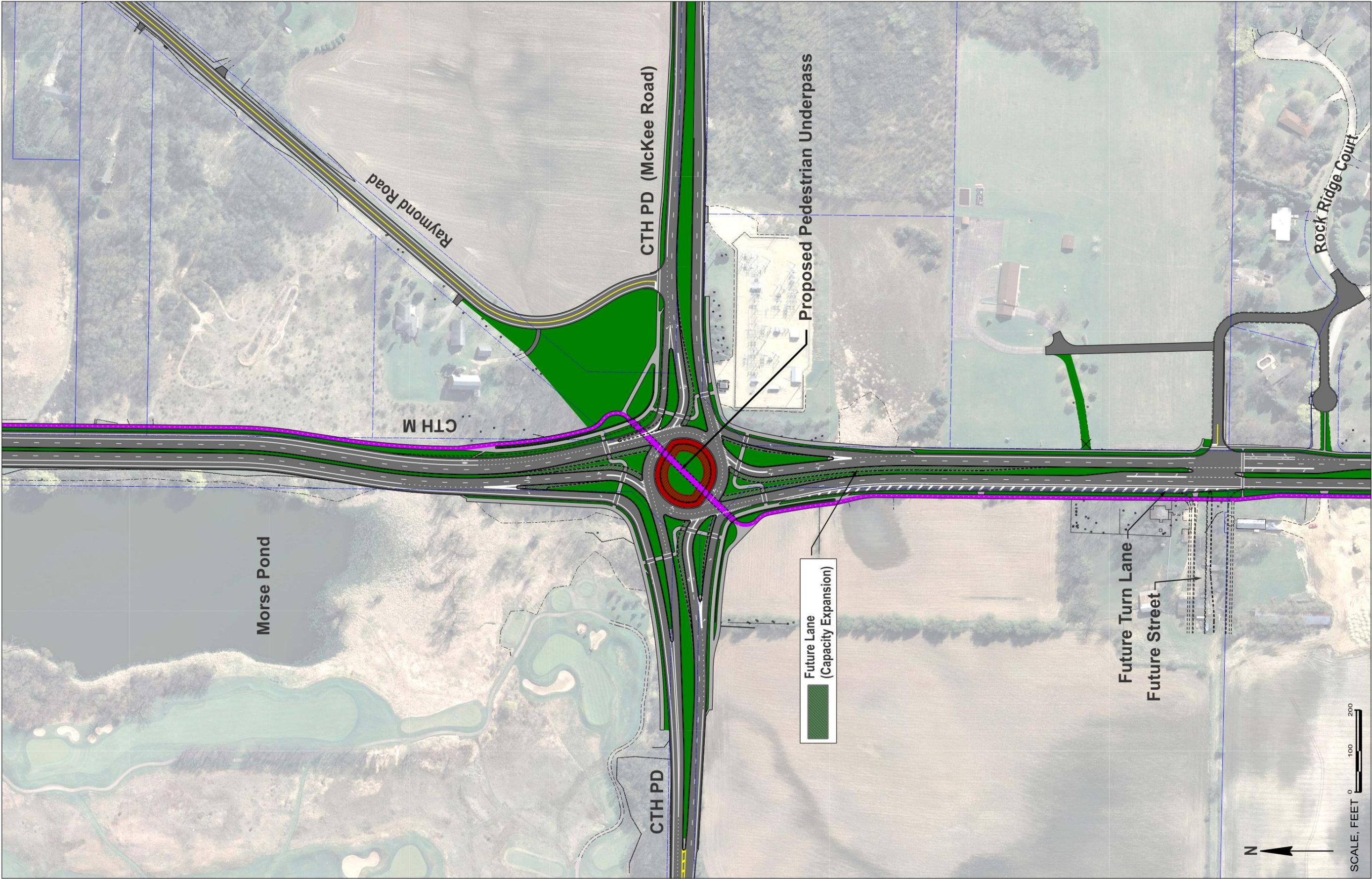


Figure 17 – Option A-6: Tight Diamond



Figure 18 – Option A-7: Westbound Underpass



Figure 19 – Option B-2: Continuous Flow Intersection

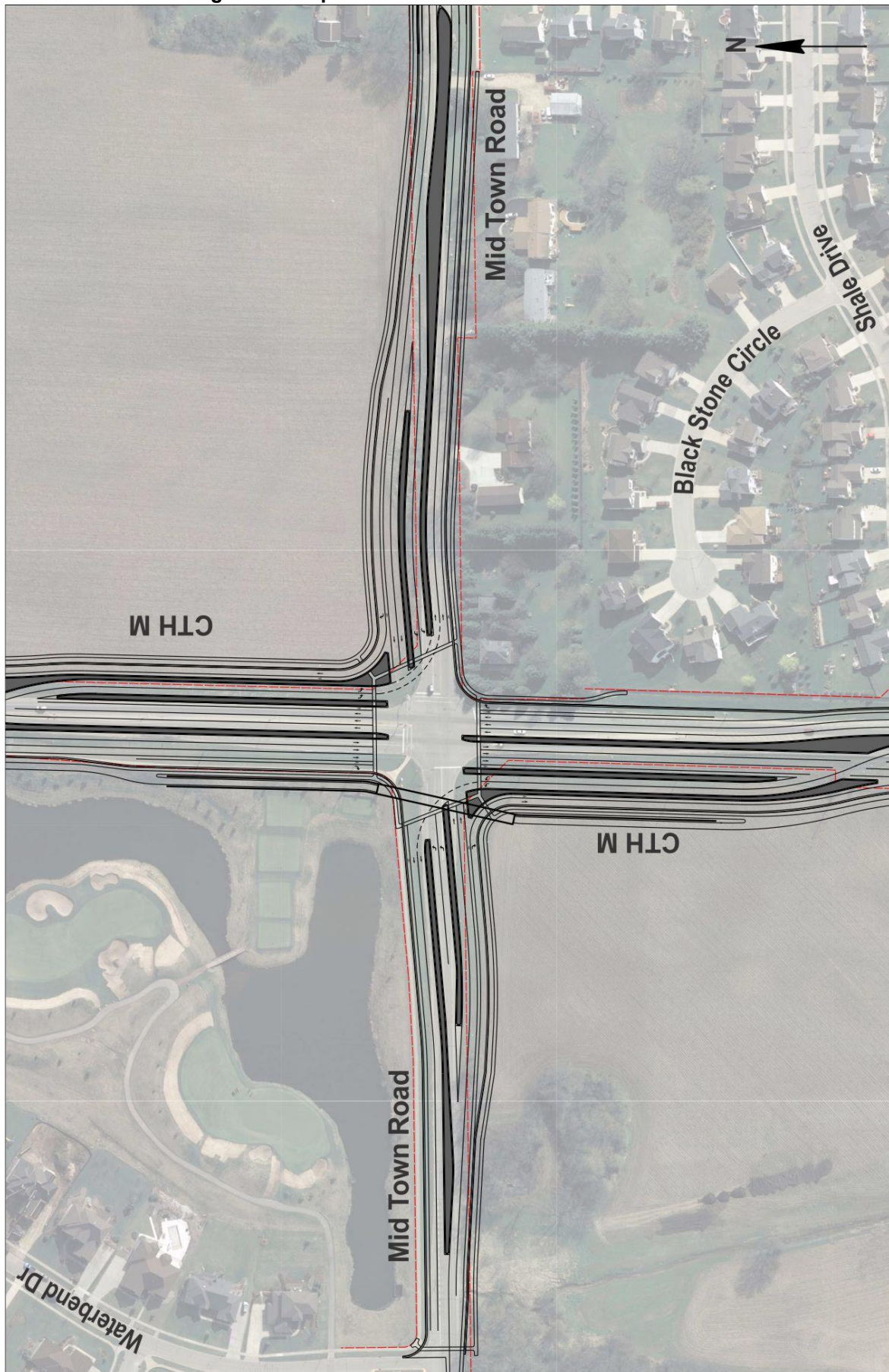


Figure 20 – Option B-3: Roundabout

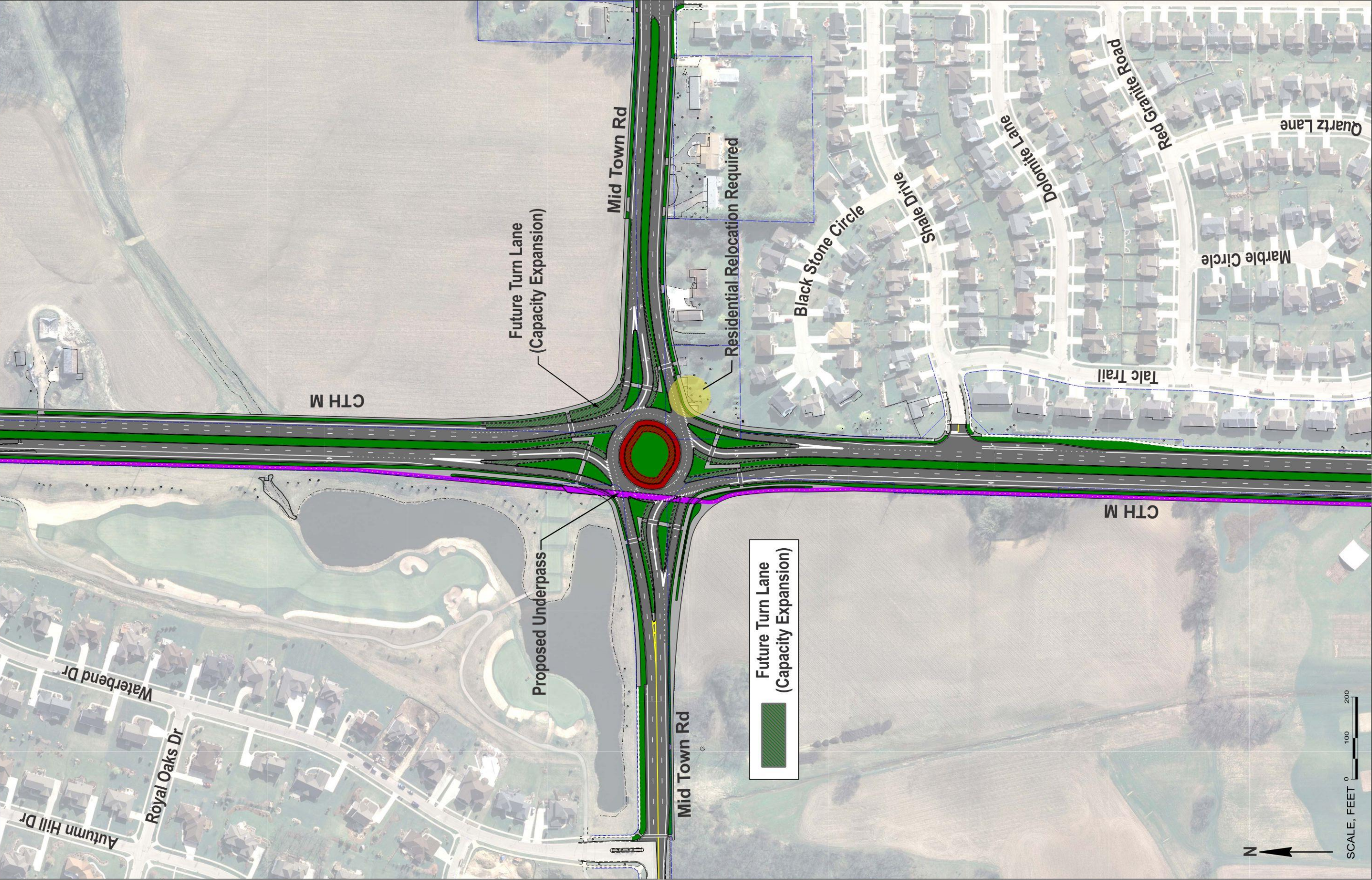


Figure 21 – Option B-4: At-Grade Signalized Intersection

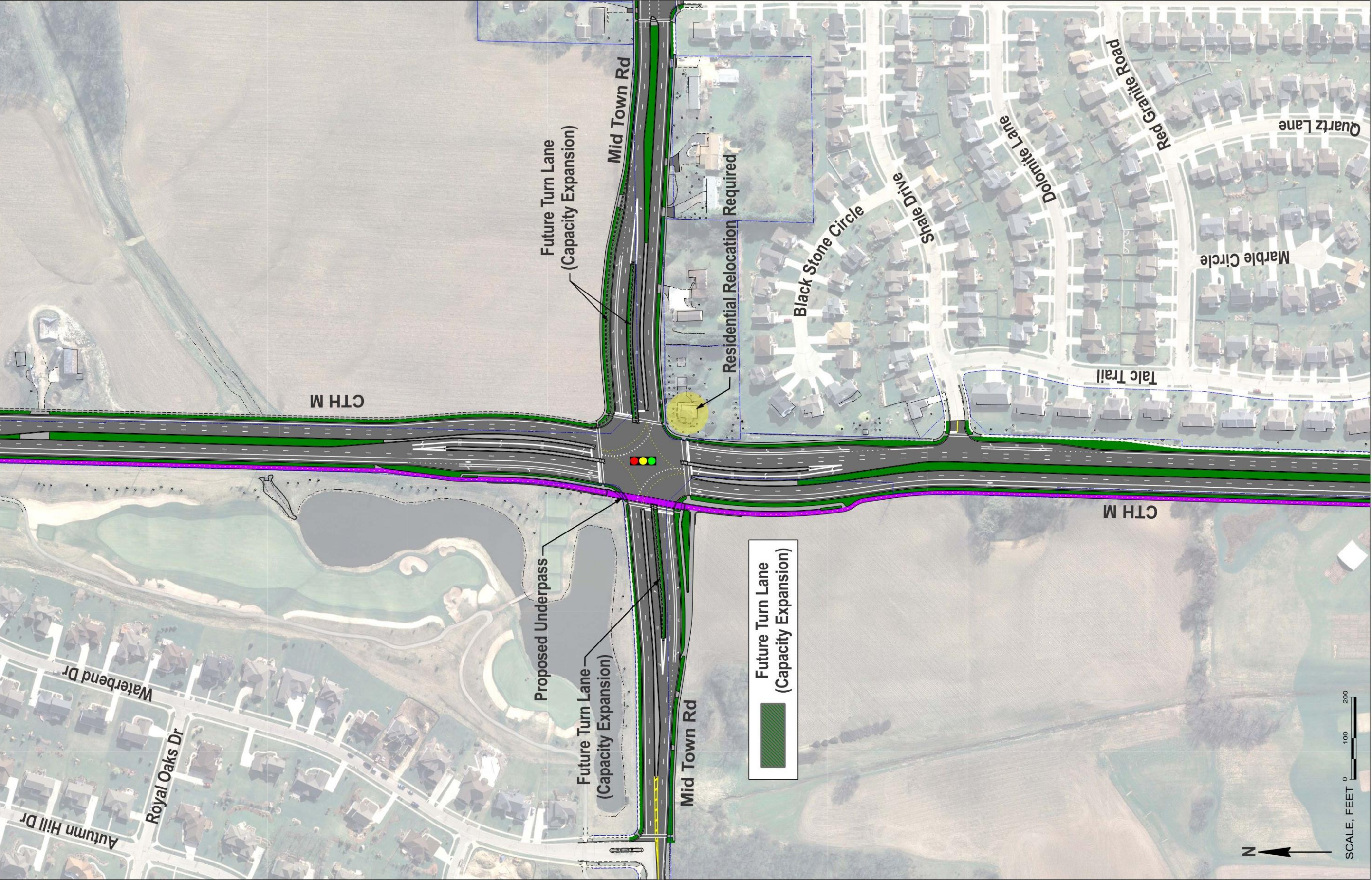


Figure 22 – Typical Section Location Overview

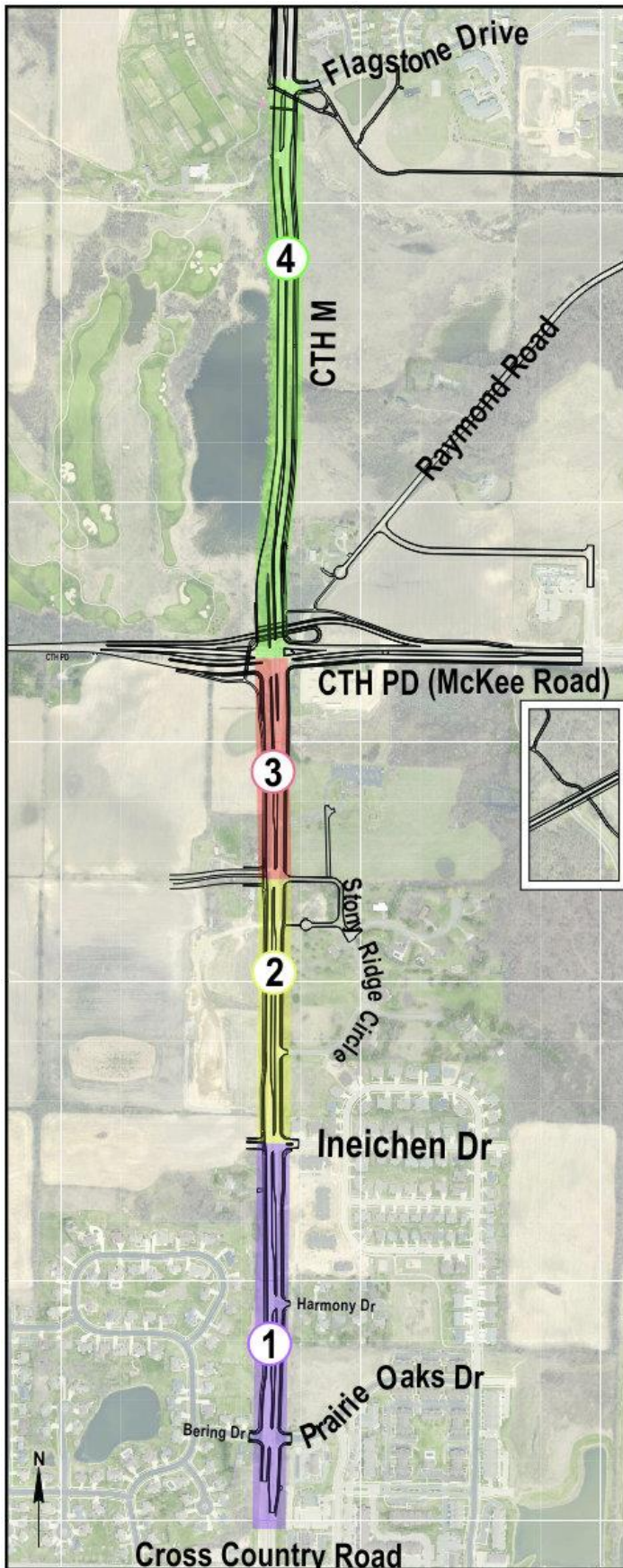


Figure 23 – Typical Sections (North and South Phases)

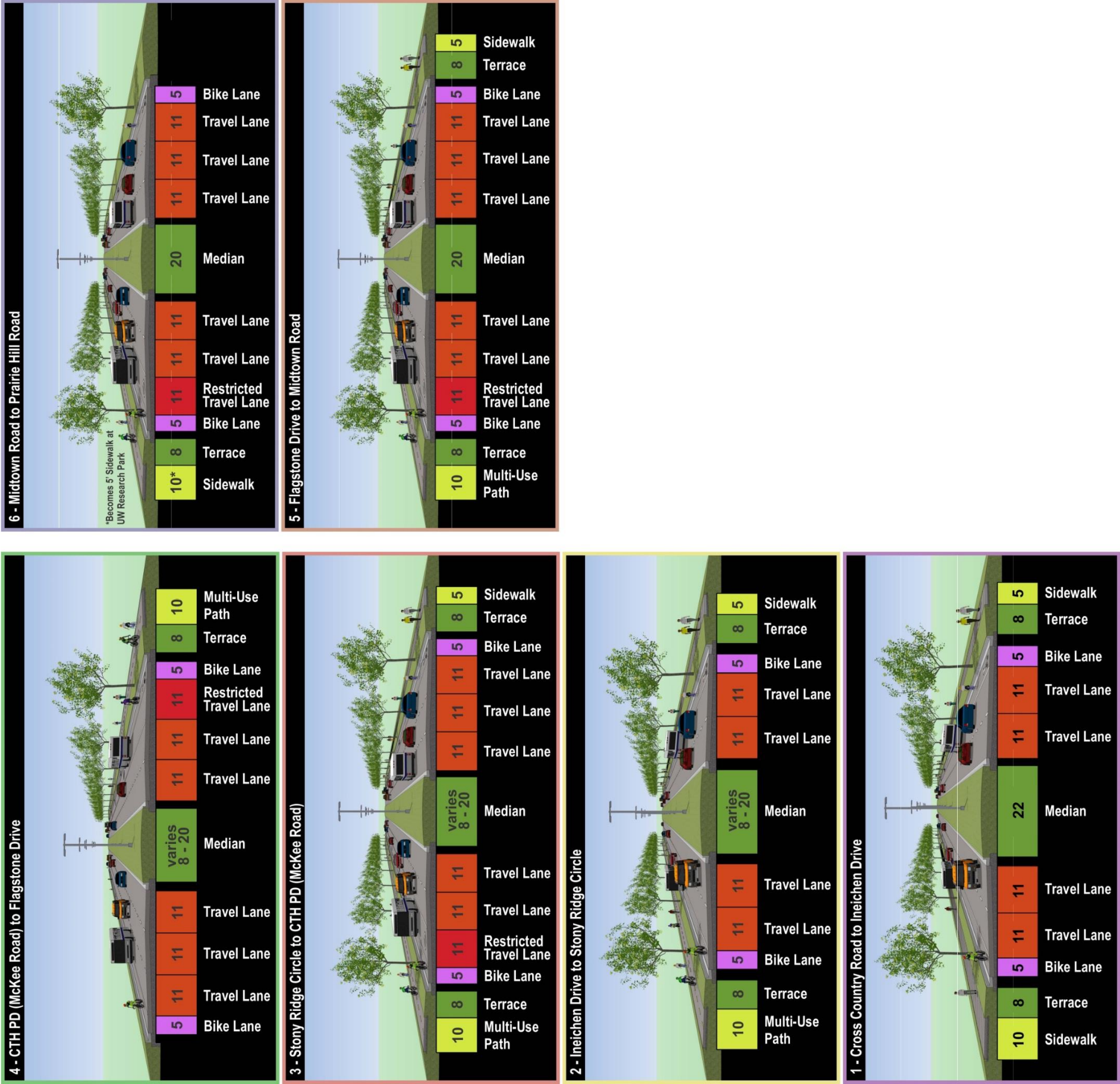


Figure 24 – Current Land Use: Madison Area January 2005

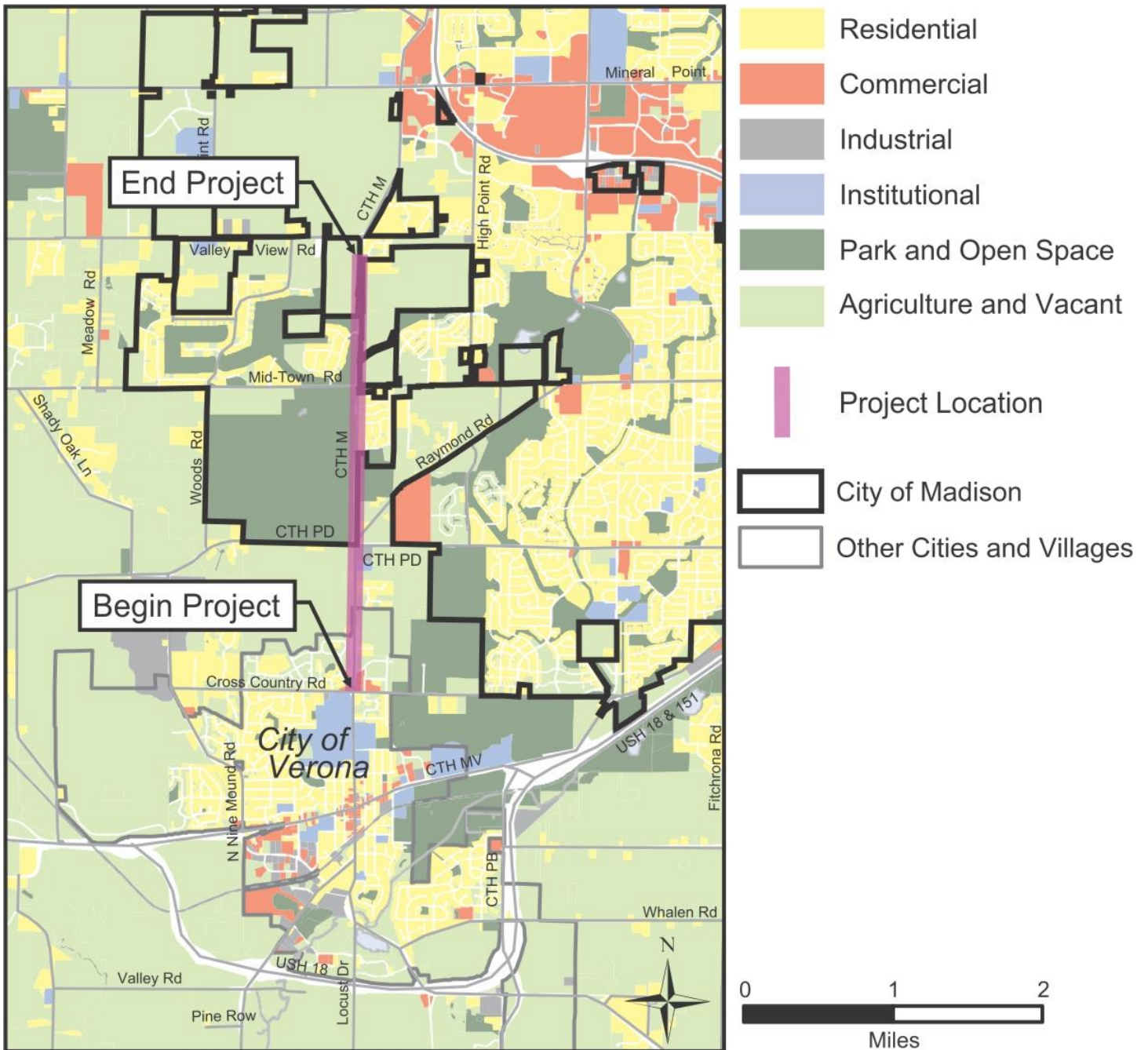


Figure 25 – Neighborhood Plans Adjacent to CTH M Project Area

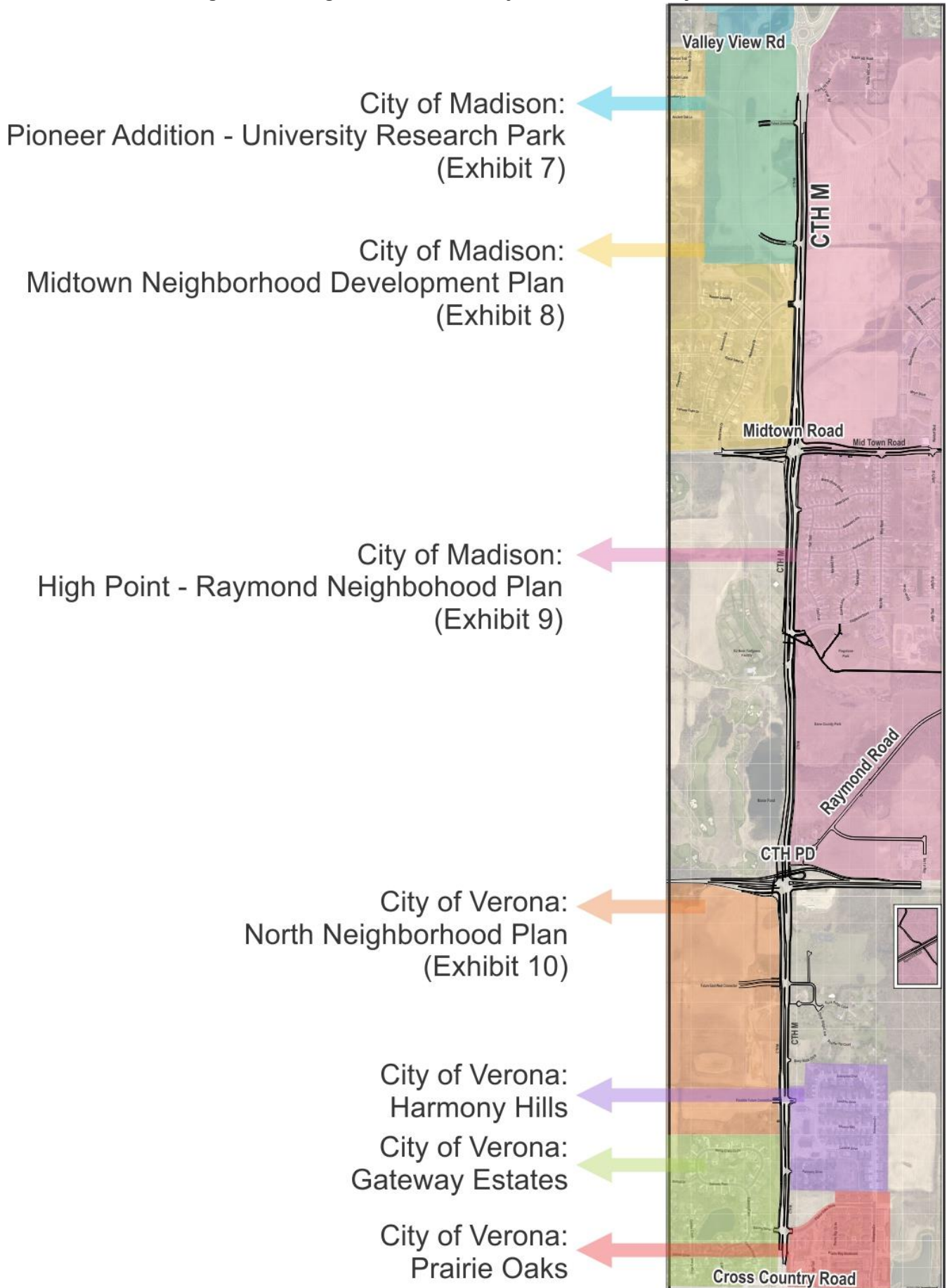


Figure 26 – Municipalities in the Project Area

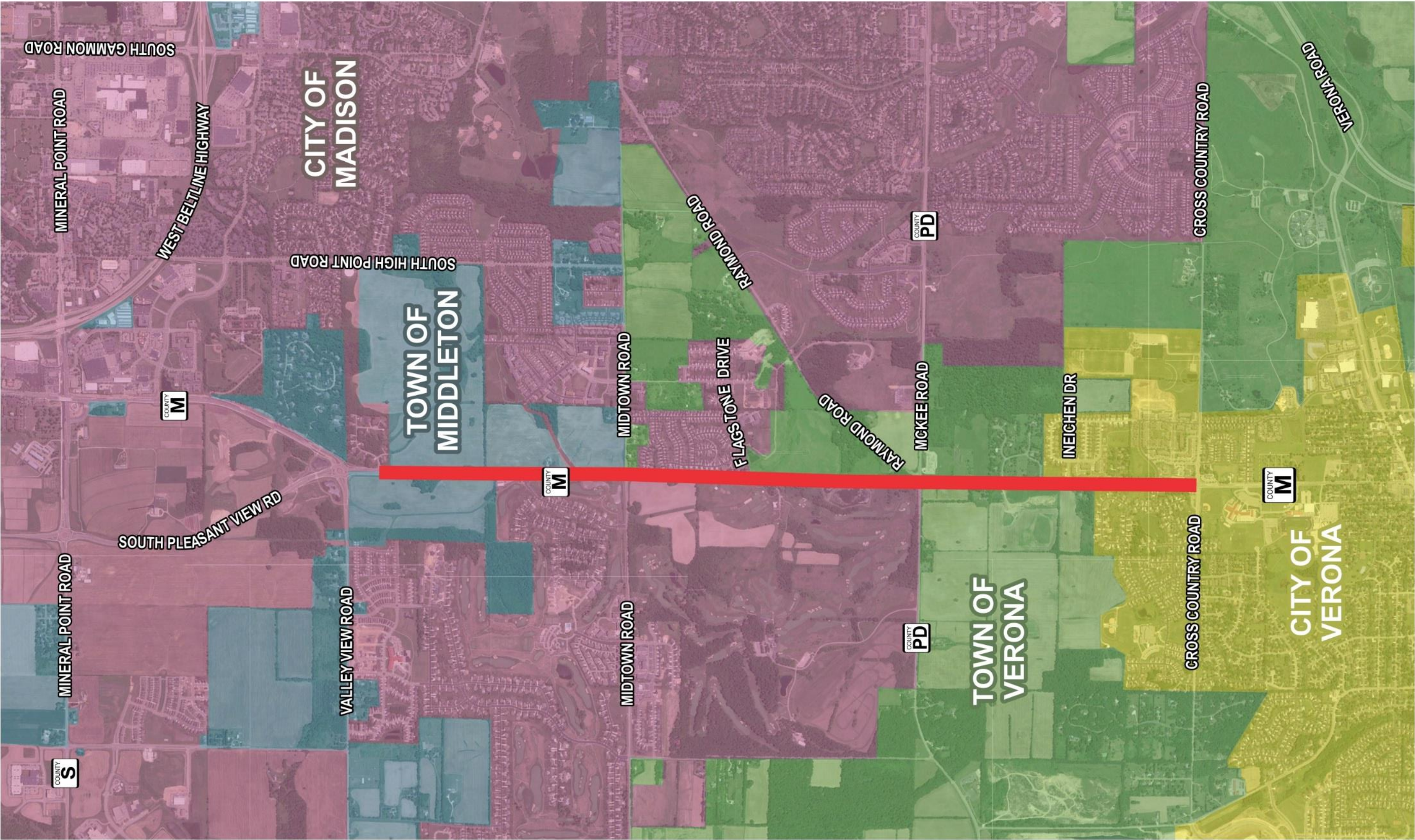
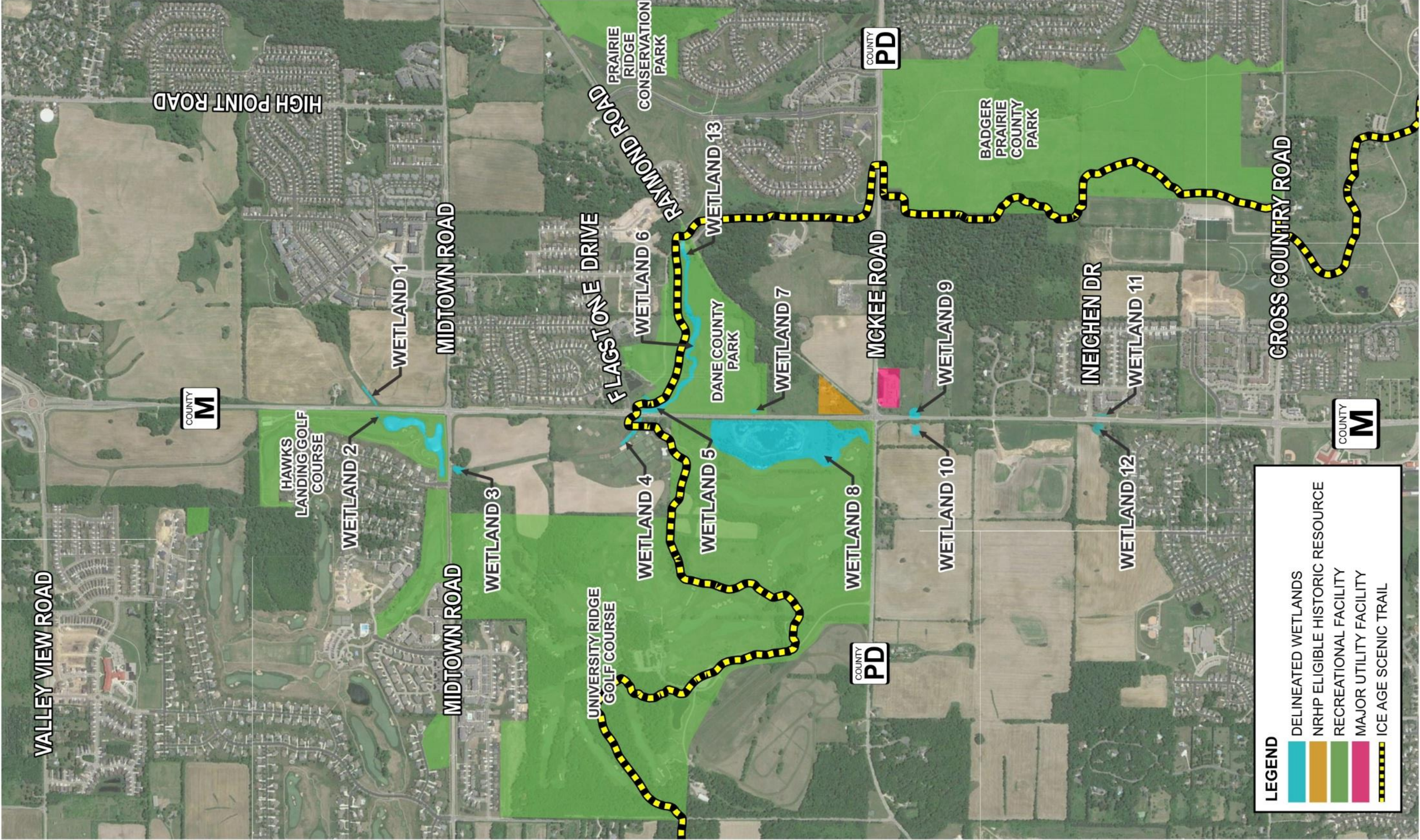


Figure 27 – Environmental Constraints Map



Exhibits

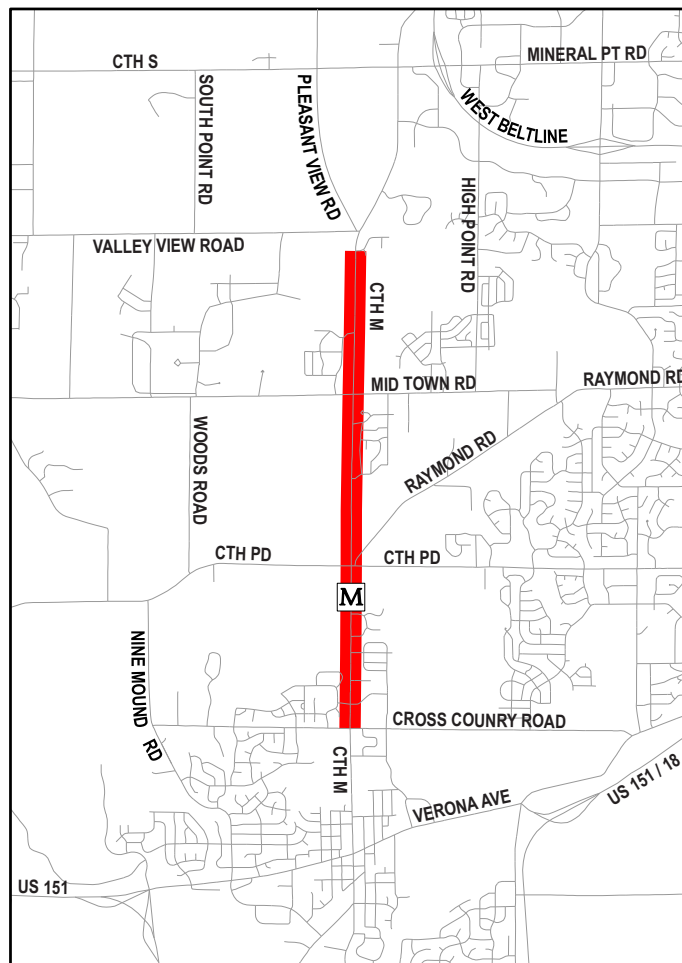
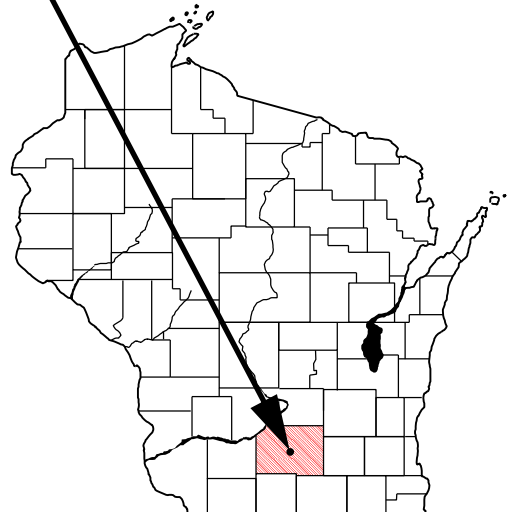
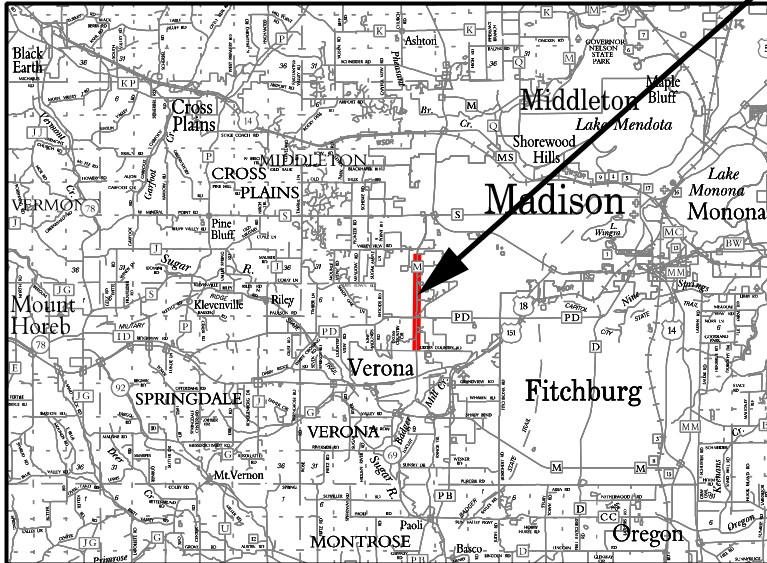
List of Exhibits

Exhibit 1	Project Location Overview
Exhibit 2	Traffic Forecast Report
Exhibit 3	2006 Congestion Levels, Madison Area, Dane County
Exhibit 4	Madison Area Bus Routes – Weekday Map
Exhibit 5	Right of Way – Cross Country Road to Flagstone Drive and Right of Way – Flagstone Drive Prairie Hill Road
Exhibit 6	Current Land Use: Madison Area
Exhibit 7	Pioneer Neighborhood Development Plan with University Research Park – City of Madison
Exhibit 8	Midtown Neighborhood Development Plan – City of Madison
Exhibit 9	High Point – Raymond Neighborhood Development Plan – City of Madison
Exhibit 10	North Neighborhood Plan – City of Verona
Exhibit 11	Section 4(f) Properties Right of way Map 11B – University Ridge Golf Course 11C – Dane County Parkland 11D – Ice Age National Scenic Trail 11E – Schroeder-Stickelberg-Thompson Farmstead 11F – Hawk’s Landing Golf Course
Exhibit 12	Delineated Wetlands Map
Exhibit 13	Badger Mill Creek Subwatersheds

Exhibit 1 - Project Location Overview

PROJECT I.D. 5992-09-81
CITY OF MADISON, S. PLEASANT VIEW ROAD
(CROSS COUNTRY ROAD - PRAIRIE HILL ROAD)
CTH M
DANE COUNTY

**PROJECT LOCATION
DANE COUNTY**



WisDOT TRAFFIC FORECAST REPORT

ROUTE(S): CTH M and CTH PD
 Region/COUNTY(IES): Dane County

COMPLETED: November 16, 2015

Developed By: D. Kanning

Phone: (608)-266-4335

FAX #: (608) 266-9967

E-Mail: dkanning@cityofmadison.com

**Design Values (%)**

Site(s)	001	004	
Routes(s)	CTH M	CTH PD	
Volume(s)	36,000	22,600	
Site Growth %	3.46%	5.54%	
K250	9.9	10.0	
K100	10.6	10.8	
K30	11.1	11.2	
P	12.3	12.5	
D(Dsgn. Hr.)	59/41	59/41	
T(DHV)	4.6	4.9	
T(PHV)	4.0	4.2	

SITE ID = Colored, **bolded**, and underlined

<000> 2011 Count	(000) 2017 AADT
000 2012 Count	[000] 2027 AADT
/000/ 2013 Count	000 2037 AADT
-000- 2015 Count	

Trucks	001	004	
AADTT	1,060	540	
2D	1.6	1.6	
3AX	1.6	1.6	
2S1+2S2	0.7	0.8	
3-S2	1.2	1.4	
DBL-BTM	0.3	0.3	
Total %	5.4%	5.7%	

NOTES ON THE FORECAST:

1. This projection assumes that no major new traffic generators will be added to the development already included in the 2010/2050 Dane County Travel Demand Model.
2. Truck classification percentages were taken from a table representative of similar facilities and locations throughout the state of Wisconsin.
3. CTH M and CTH PD are Factor Group II (Urban-Other) roadways and functionally classified as Urban Principal Arterials for count purposes.
4. The 2010/2050 Dane County Travel Demand Model was used to complete this forecast.
5. Roadway improvements coded within the existing plus committed plus planned (E+C+P) network of the 2010/2050 Dane County Travel Demand Model were assumed to be in place for the purposes of developing this forecast.

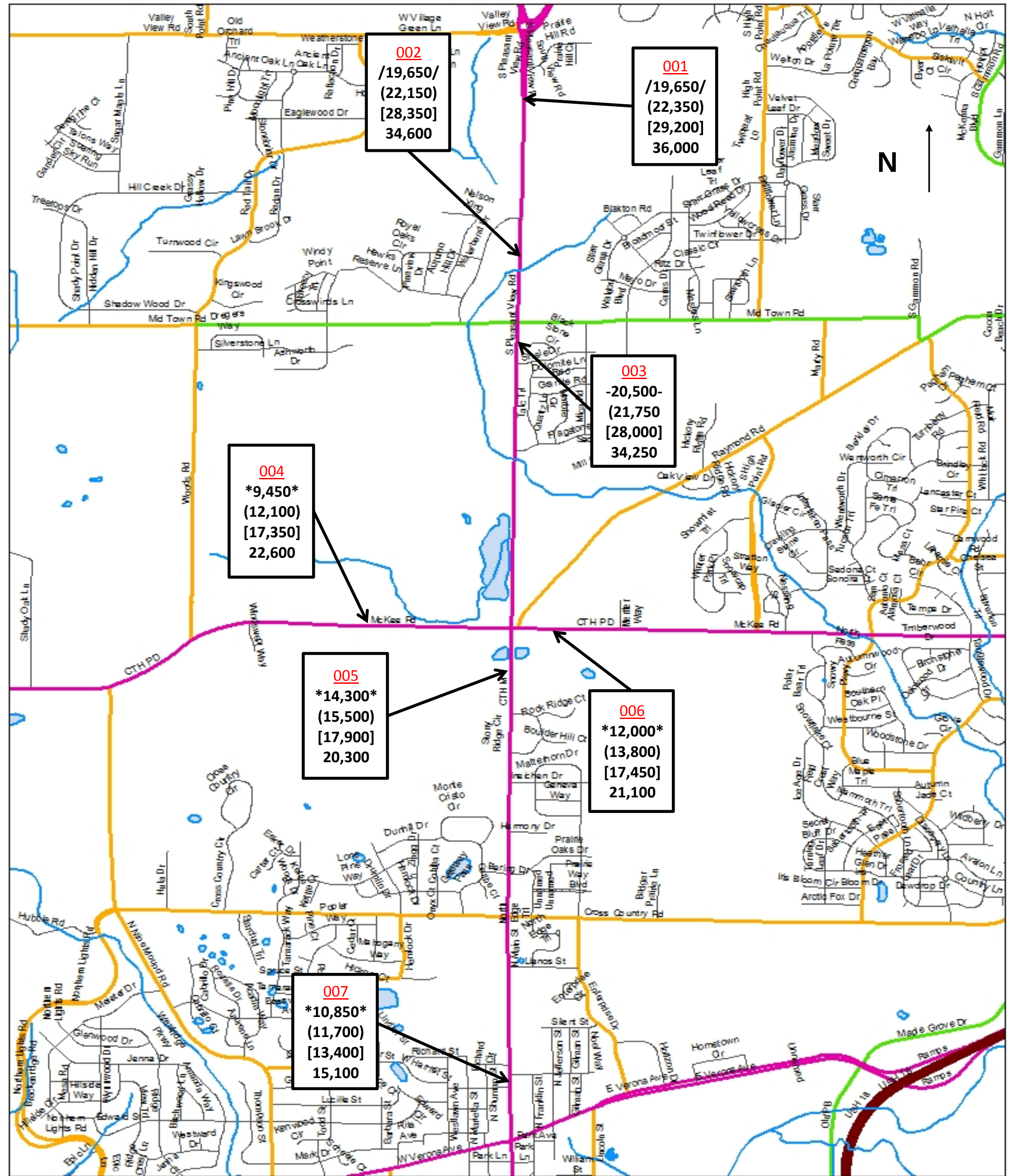
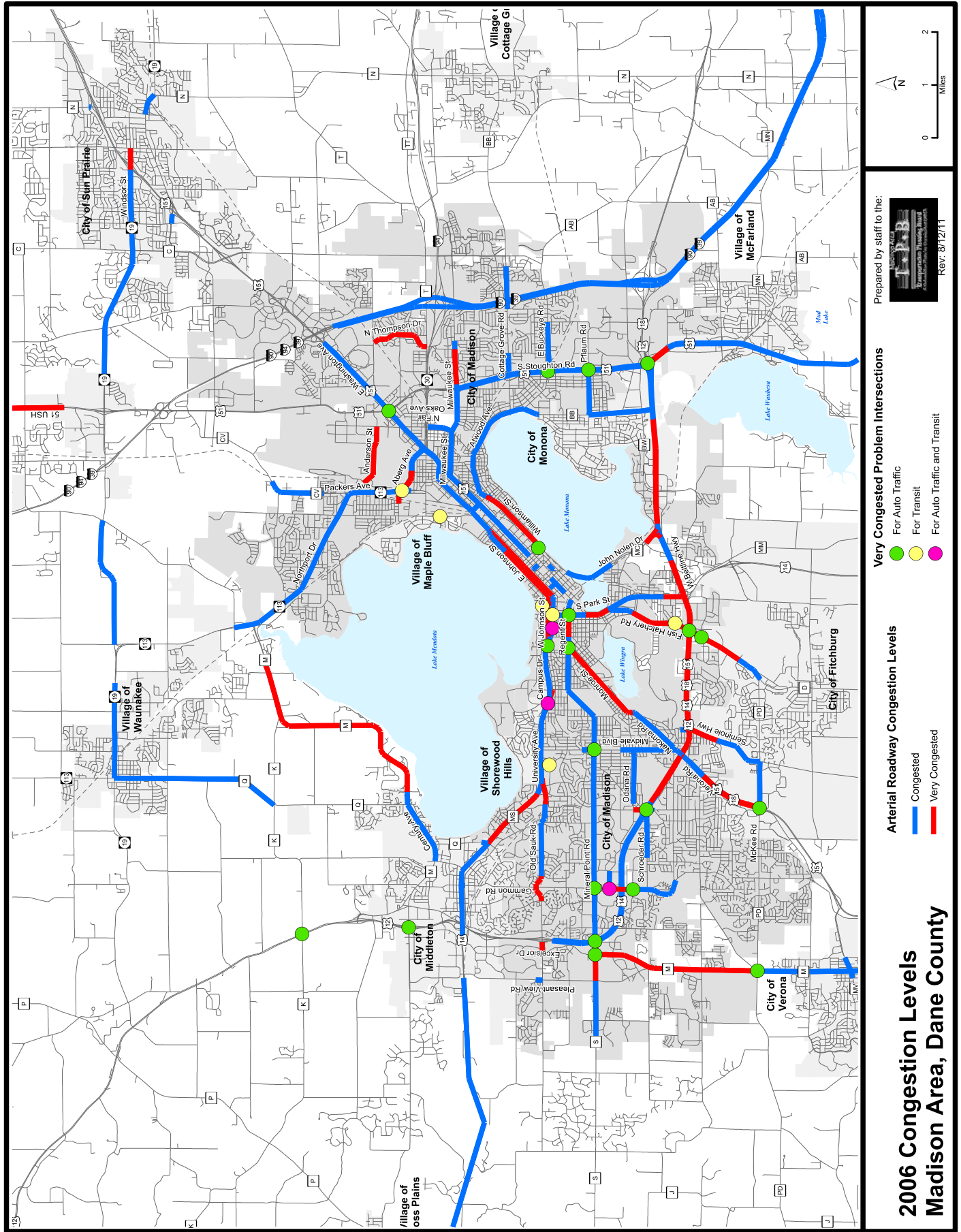


Exhibit 3 - 2006 Congestion Levels, Madison Area, Dane County



Weekday Service

Welcome Aboard!

Metro's Transfer Point System provides connections in all directions at the North, South, East, West and Middleton Transfer Points for convenient service to many destinations throughout the Madison area.

Be sure to look at both the Weekday and Supplemental School Day Service maps for weekday travel, and the Weekend and Holiday map for travel on those days. Locate the route(s) closest to your origin and destination point. Now that you've determined which route(s) you need, refer to the appropriate schedule(s) in the Ride Guide.



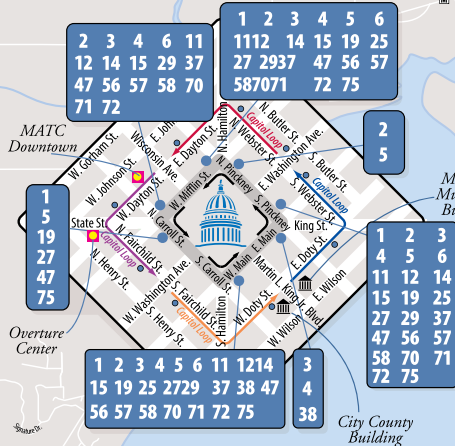
Plan your trip: (608)266-4466

www.mymetrobus.com

Weekdays: 6:15 AM 6 PM Saturdays: 8 AM 4:30 PM

Sundays & Holidays: 9:00 PM 4:30 PM

Capitol Square & Capitol Loop Detour Inset Bus Stops for Weekday Base Service



North Transfer Point
All Day Service
2 4
17 20
21 22
Peak Hour Service
27 28
56 57

East Transfer Point
All Day Service
3 5 16
17 30
Off-Peak Service
32 34 39
Peak Hour Service
14 15 31
33 34 35
39

West Transfer Point
All Day Service
2 3 6
18 50 52
Off-Peak Service
51
Peak Hour Service
11 12 28
55 56 57

South Transfer Point
All Day Service
4 5 13 16
18 40
Peak Hour Service
44 48 49

Map Legend

- N S E W** North, South, East, and West Transfer Points
- H** Hospital
- P** Free parking where riders may park their vehicles and continue their trip by bus.
- P** Free parking where you may form car/van pools. Limited bus service available.
- P** Point of interest
- M** Municipal Government Building
- V** Via or limited service
- S** Street served by many routes
- 12** Route number in a box indicates end of line
- Direction route travels on that particular street
- Capitol Square**
- Capitol Loop** (buses detour to Capitol Loop during events on the Capitol Square)

All Day Service
2 3 4 5 6 13 16 18 19 20 21
22 30 36 40 50 52 67 73 80

Off-Peak Service (9AM - 3PM - 7PM-Midnight)
1 10 14 15 17 26 32 34 39 51 70

Peak Hour Service (6AM - 9 AM and/or 3PM-7PM)
10 11 12 14 15 17 25 27 28 29
31 33 35 34 37 38 39 44 47 48
49 55 56 57 58 71 72 75 84

See UW Campus inset map on reverse for detailed comprehensive service in the campus and downtown.



Supplemental School Day Service

Supplemental School Day Service
On weekdays many area middle and high school students use Metro to get to and from school. To avoid overcrowding of buses, Metro provides additional weekday service. Routes providing supplemental weekday service are indicated with letters. These routes operate on days that the Madison Metropolitan School District classes are in session.

- Far West

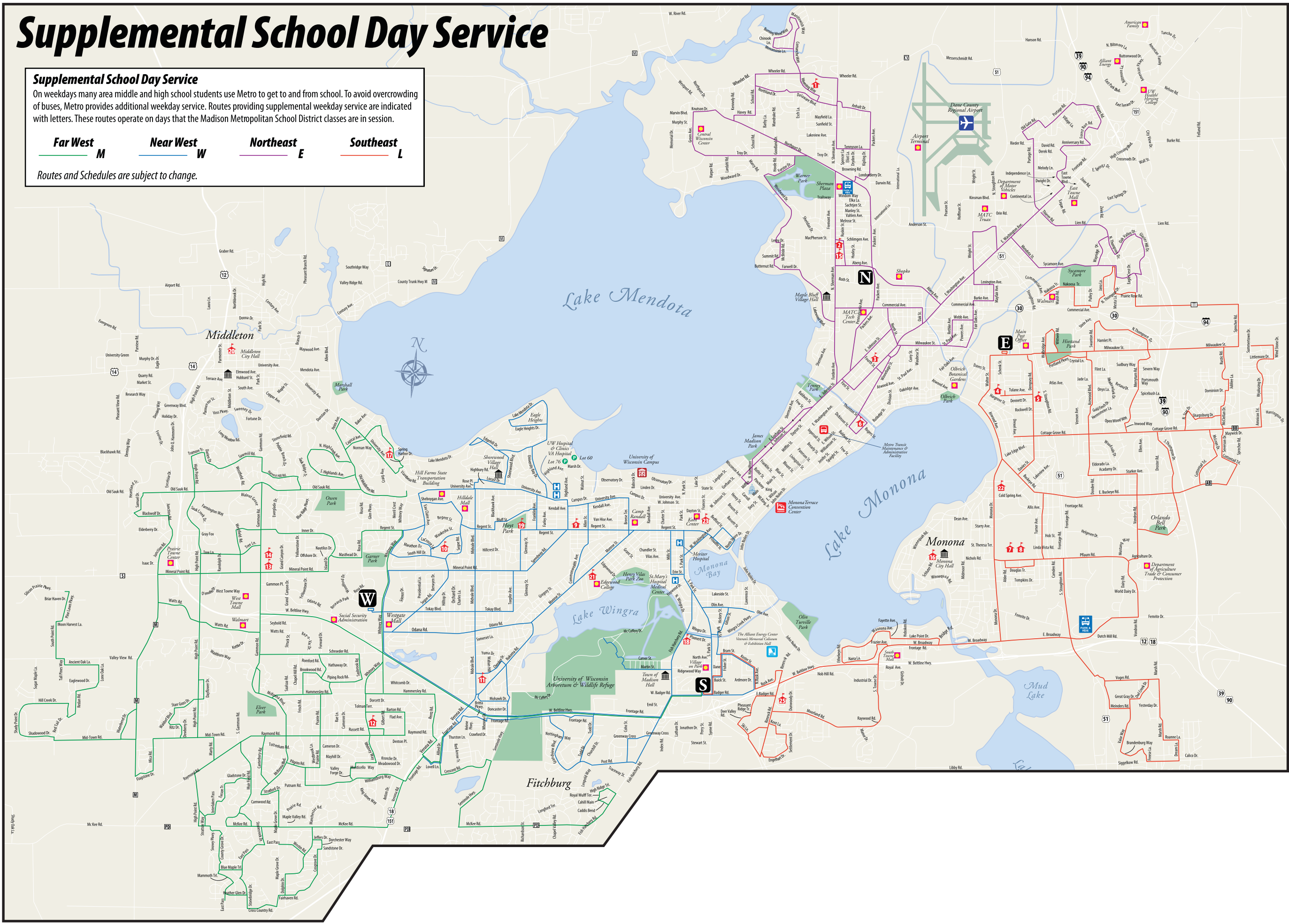
M
- Near West

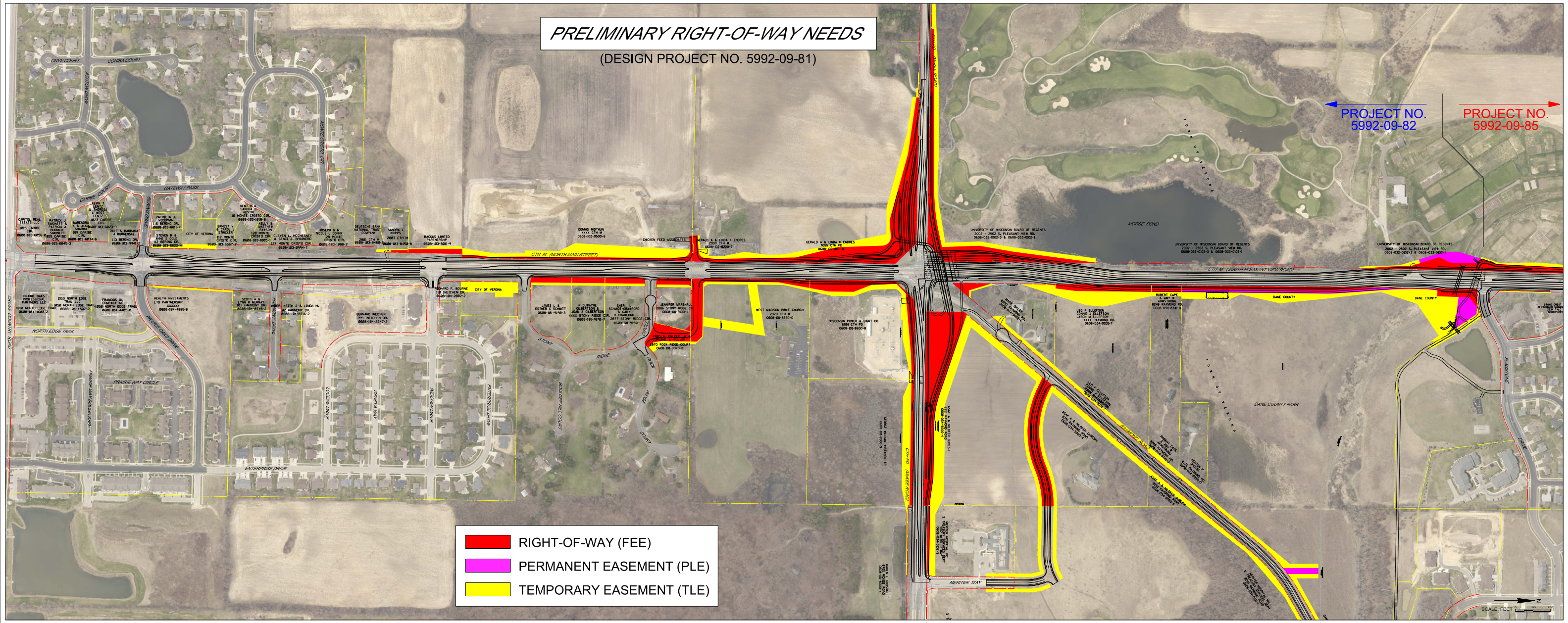
W
- Northeast

E
- Southeast

L

Routes and Schedules are subject to change.





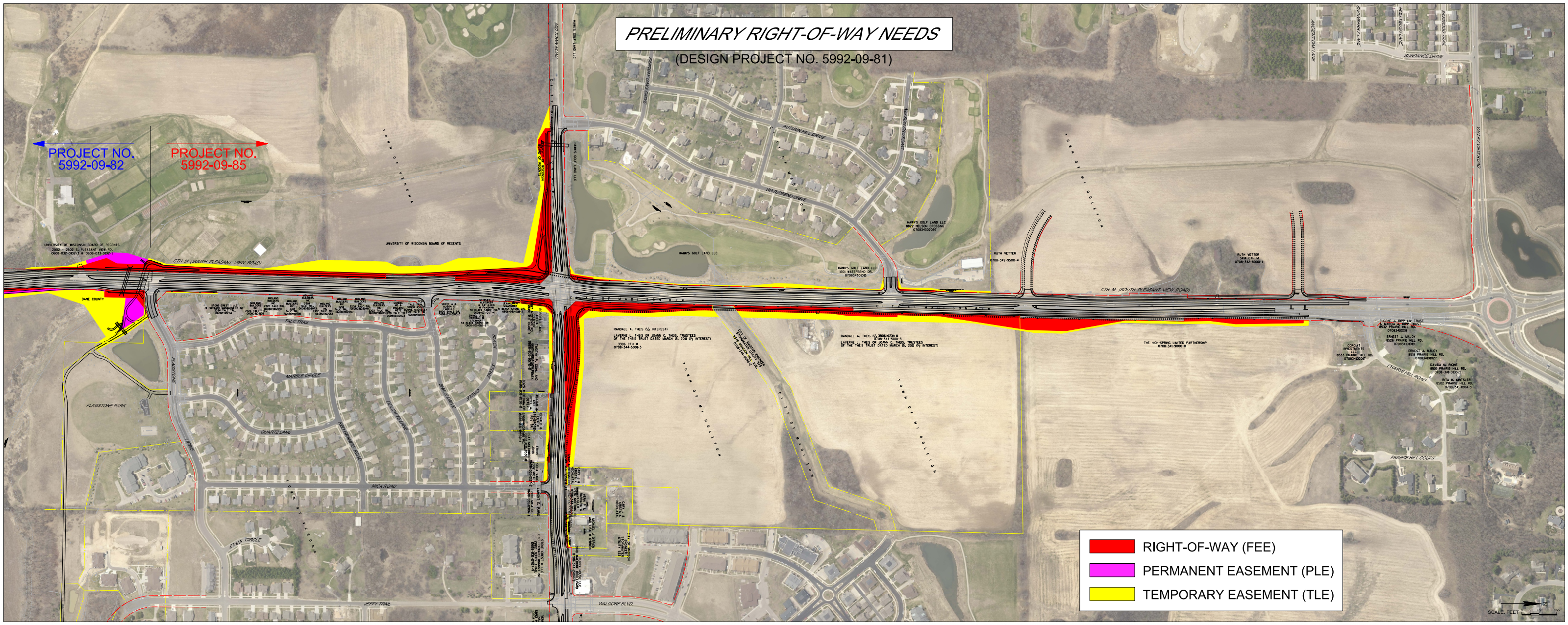
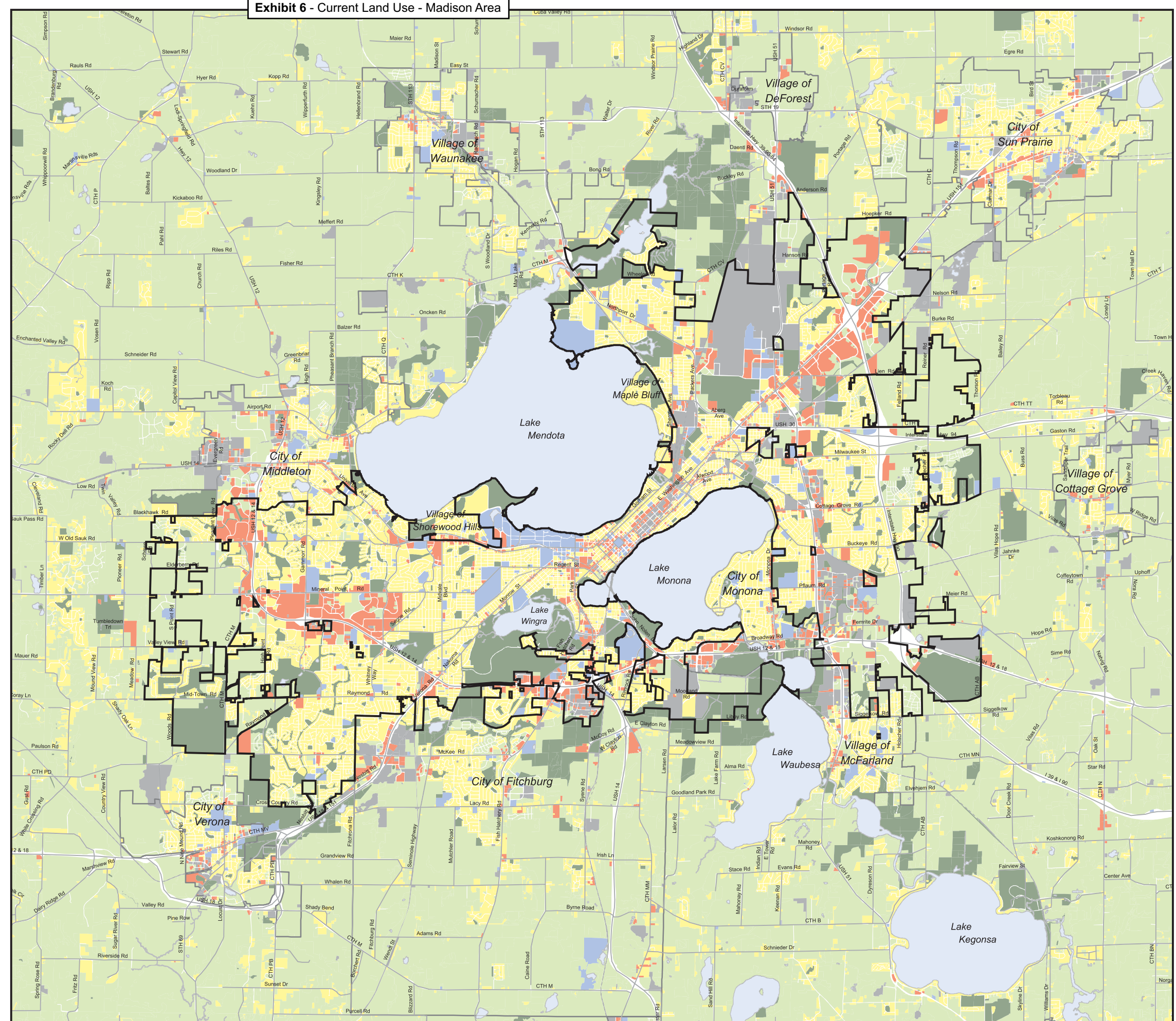


Exhibit 6 - Current Land Use - Madison Area

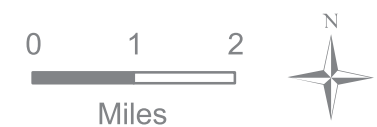


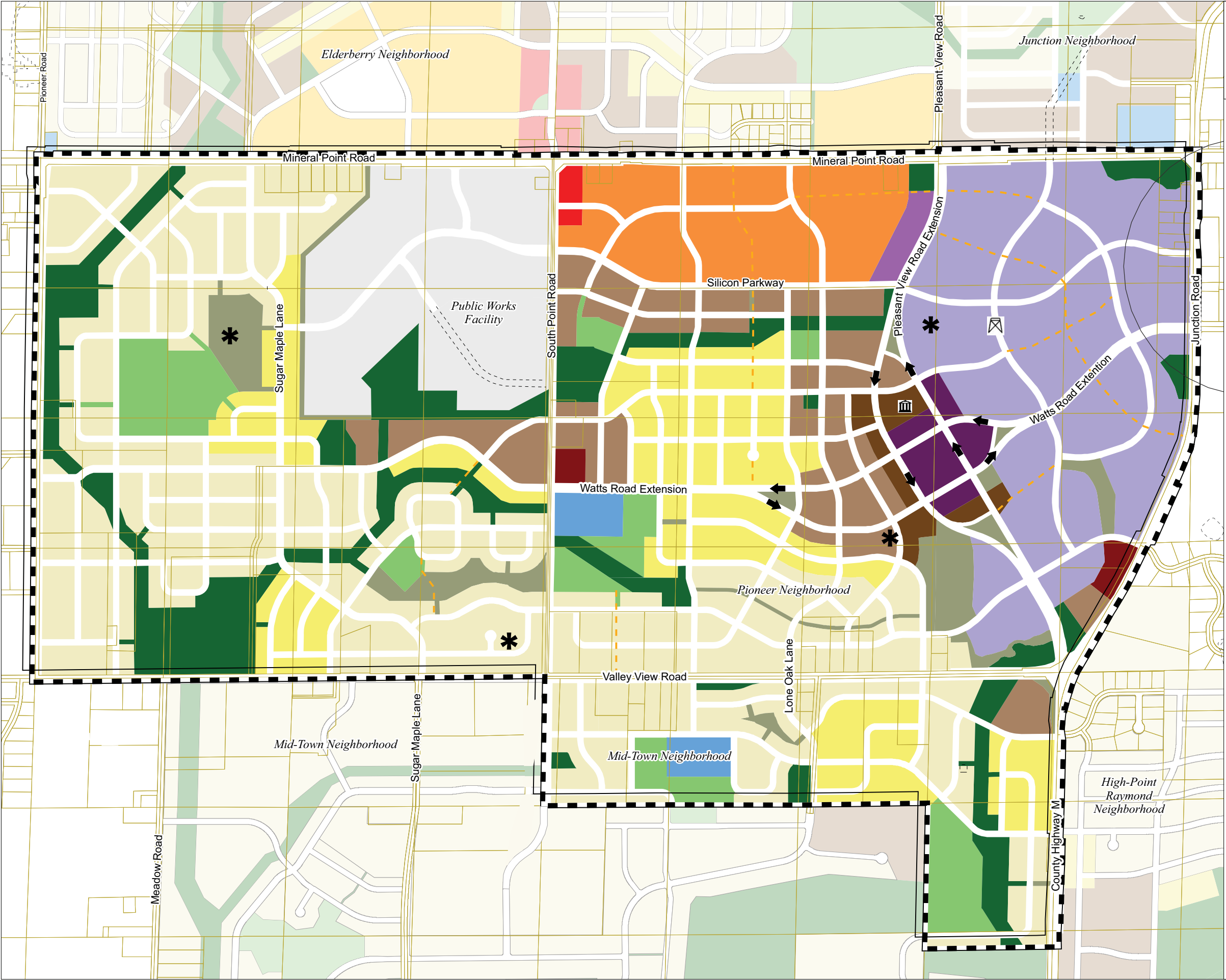
Current Land Use

Madison Area
January 2005

- Residential
- Commercial
- Industrial
- Institutional
- Park and Open Space
- Agriculture and Vacant
- City of Madison
- Other Cities and Villages

Data Source:
City of Madison Department of Planning and Development, Planning Unit
Existing Land Use January 1, 2005
Dane County Existing Land Use January 2000



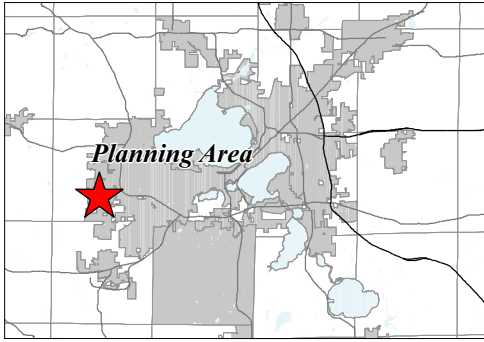


**City of Madison
Pioneer Neighborhood
Development Plan**

Planned Land Use

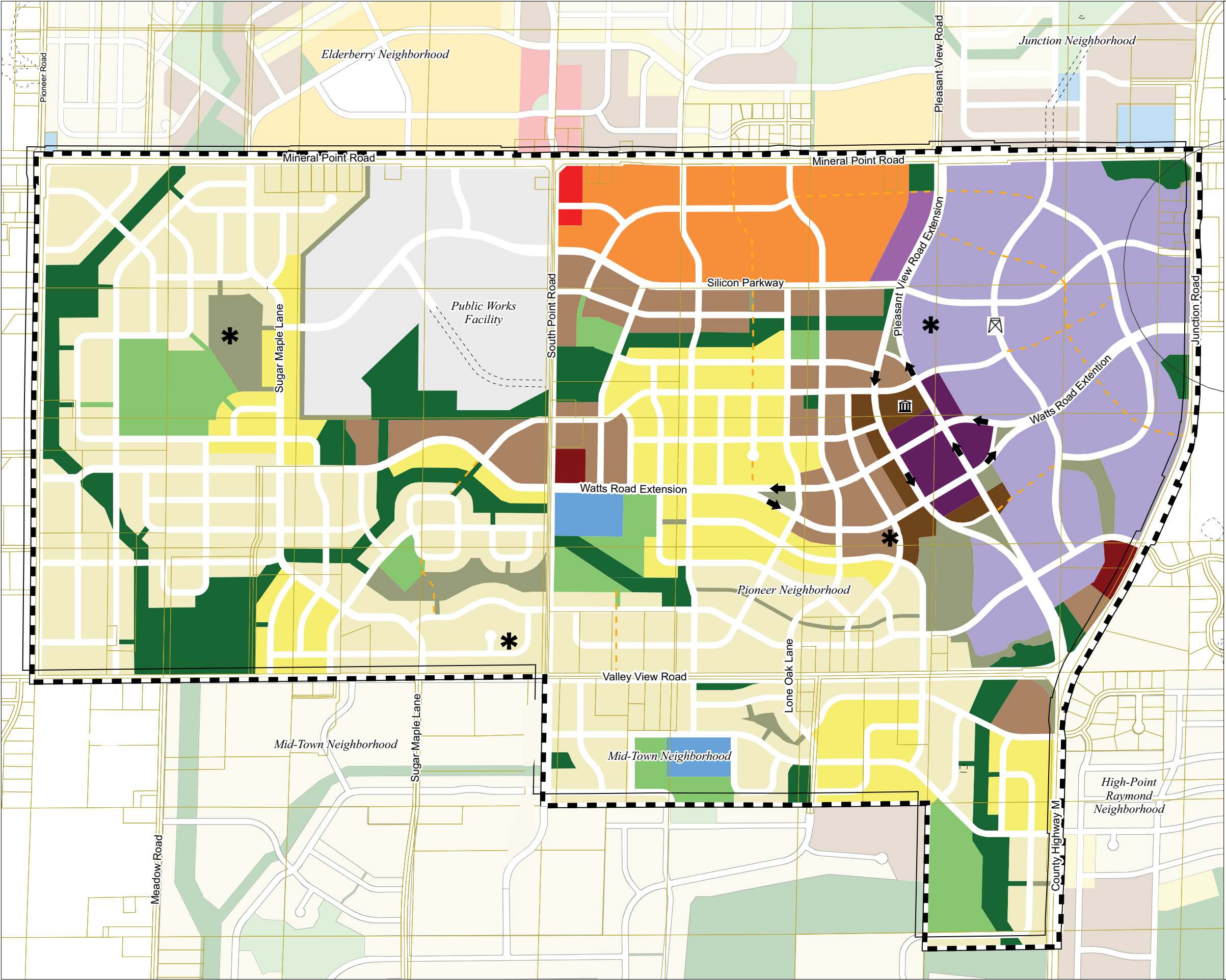
- Neighborhood Planning Area Boundaries
- Existing Parcels
- Location of UW Tower
- Mixed Use Appropriate Following Development of Other Mixed Use Areas
- High Points (Preserve as Private Open Space That is Publicly Accessible)

- Planned Land Use**
- Low Density Residential
 - Low-Medium Density Residential
 - Medium Density Residential
 - Medium High or High Density Residential
 - Research & Development Center
 - Urban Mix
 - Residential/Commercial
 - Commercial/Employment Mix
 - Neighborhood Commercial
 - Employment
 - Light Industrial
 - Institutional
 - Public Park
 - Location of UW Tower
 - Drainage (Stormwater Management)
- Existing and Planned Street Rights-of-Way
- Possible Long-Term Roads
- Key Mid Block Pedestrian Ways
- Office
Research & Development
Technology Manufacturing



1000 0 1000 Feet



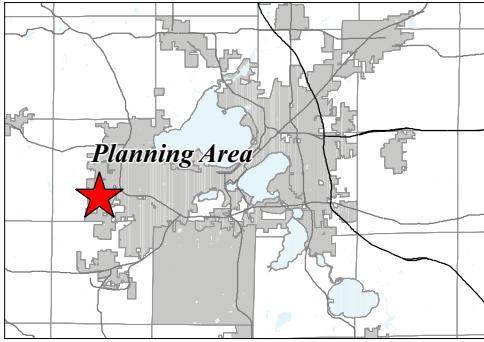


**City of Madison
Pioneer Neighborhood
Development Plan**

Planned Land Use

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- Key Mid Block Pedestrian Ways
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Research & Development
Technology Manufacturing



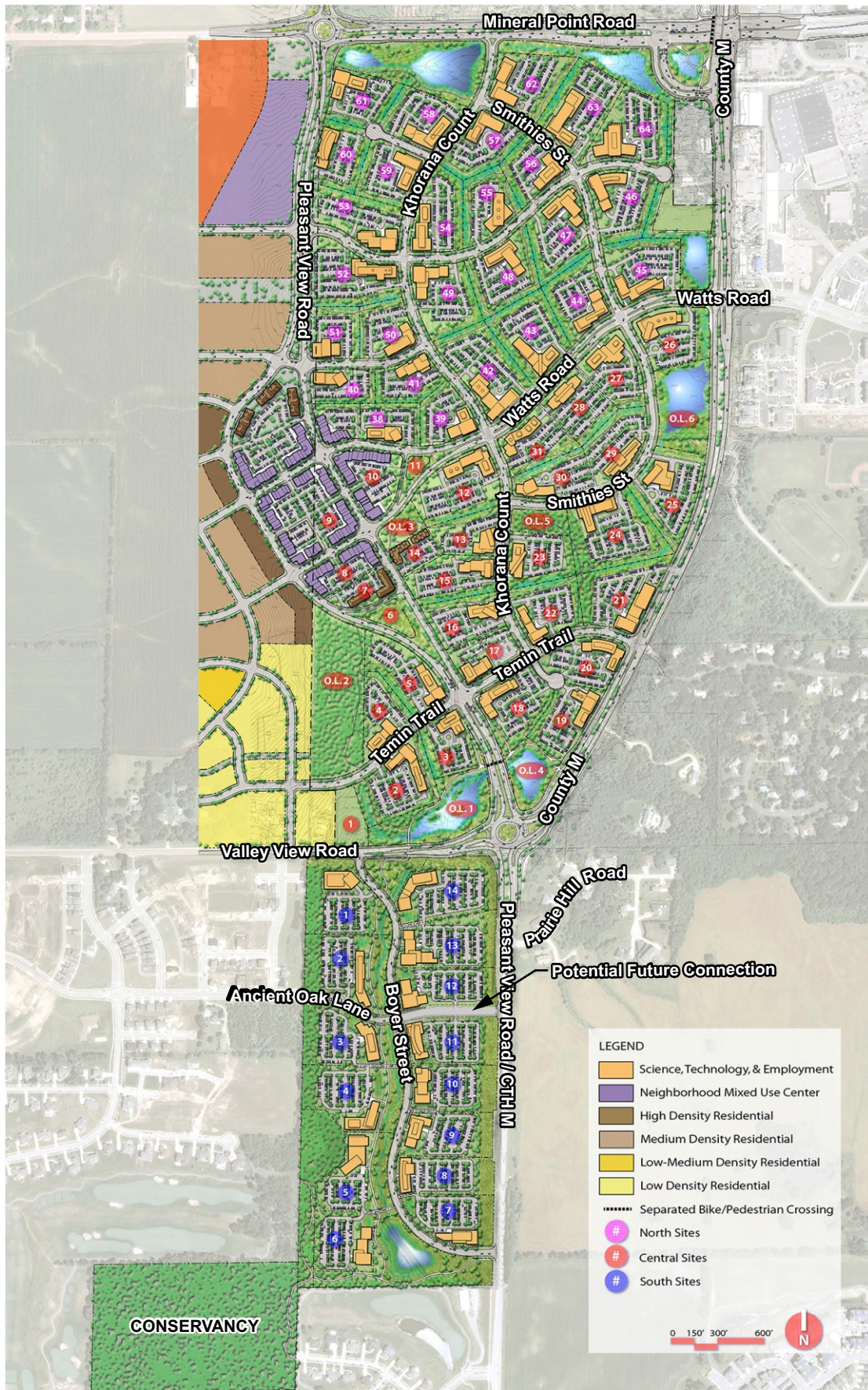
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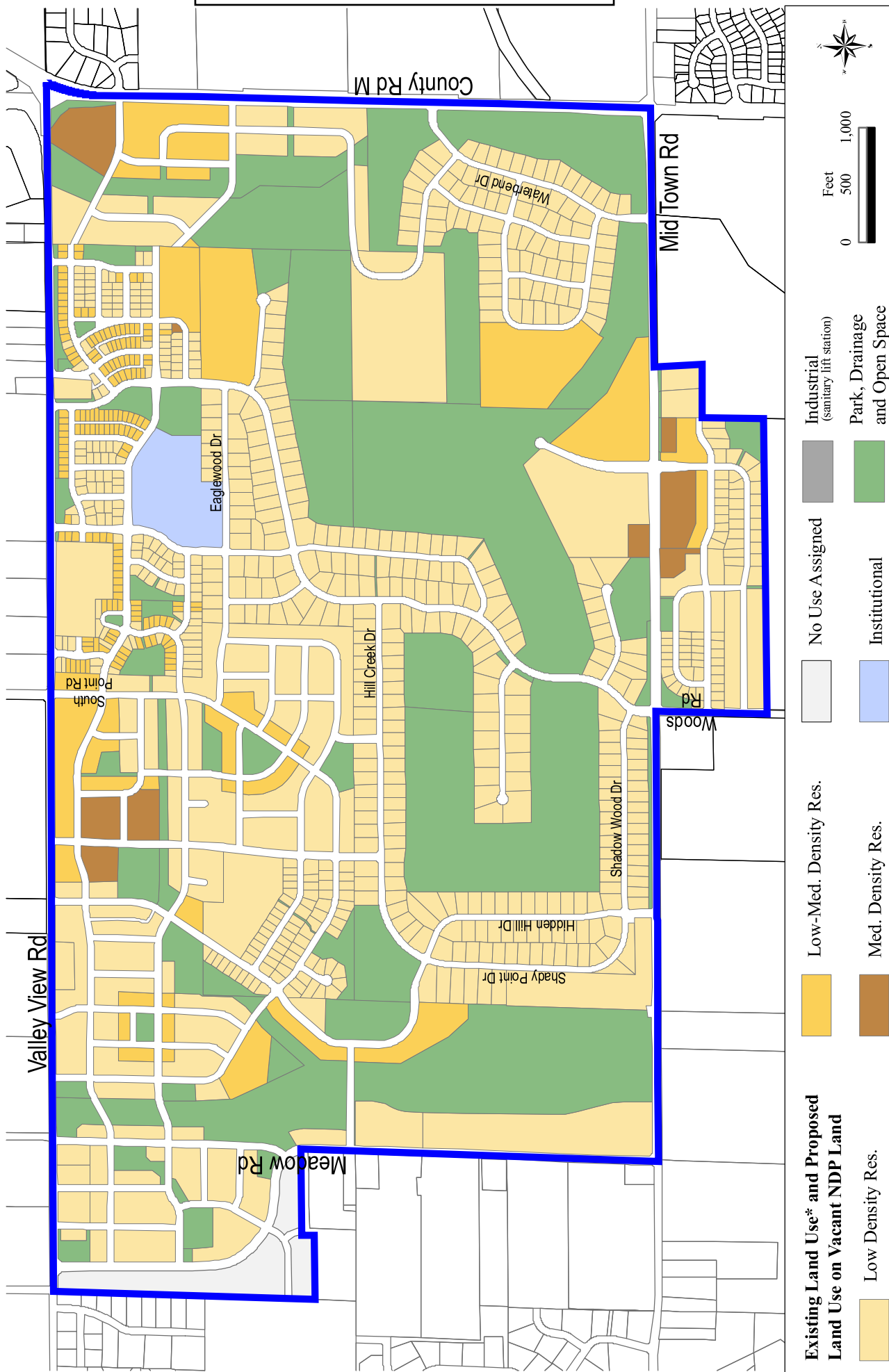
UNIVERSITY RESEARCH PARK²

UNIVERSITY OF WISCONSIN-MADISON



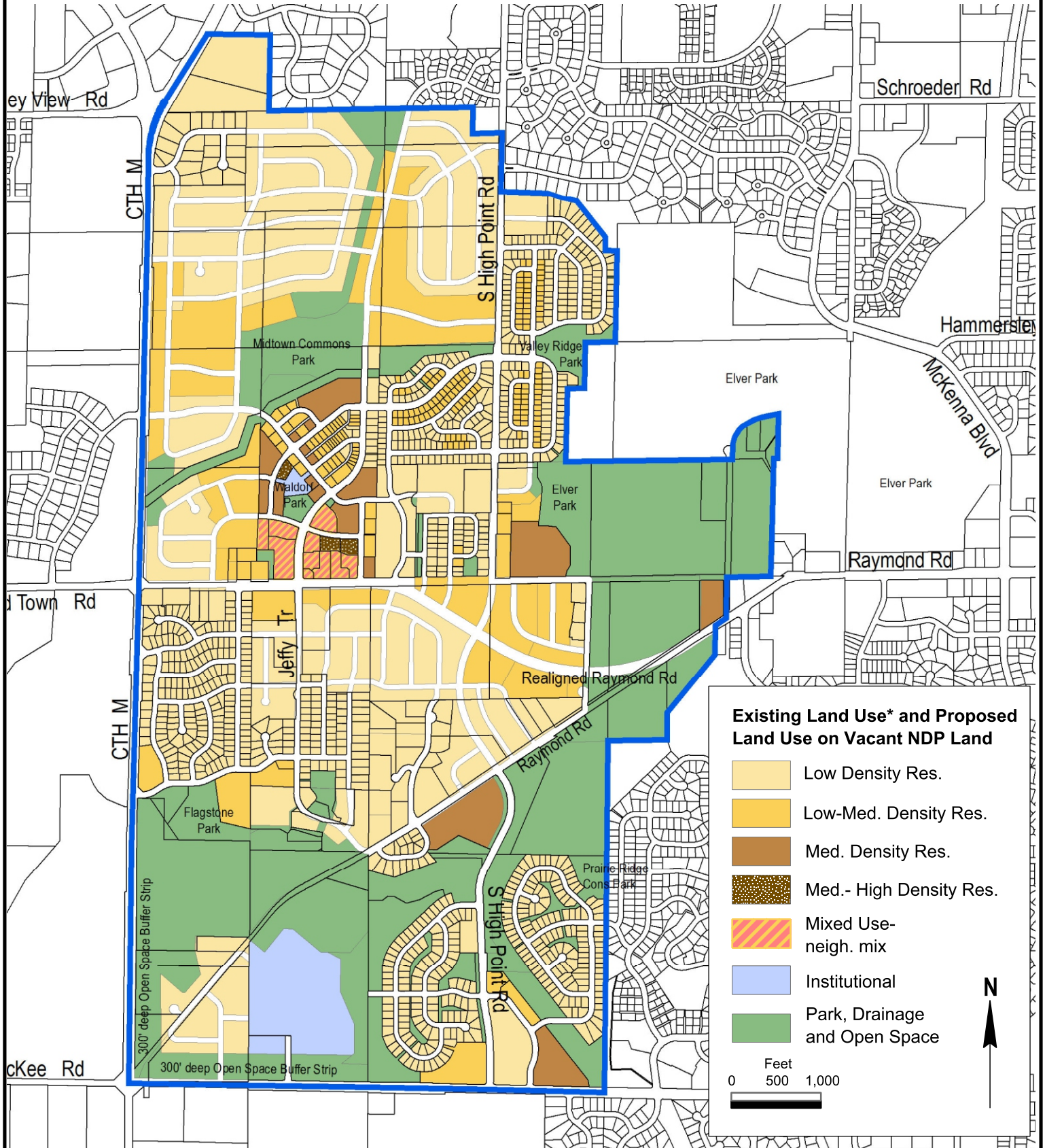
Mid-Town Neighborhood Development Plan

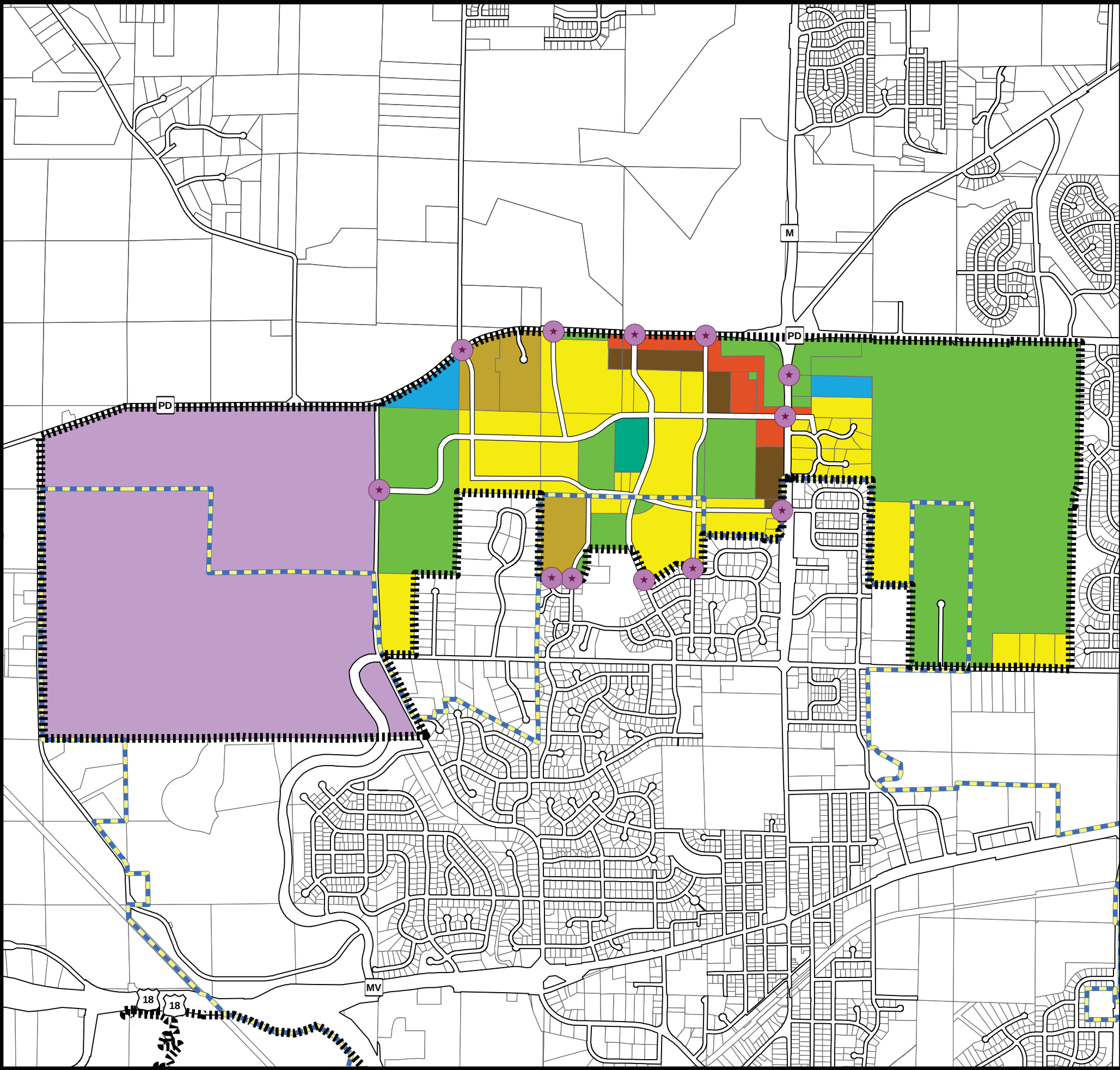
As Adopted August 1999, Amended May 2001, April 2004, July 2004, August 2010
and *implemented through subdivision and zoning approvals



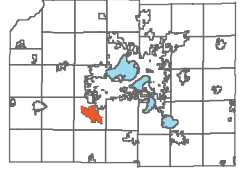
High Point - Raymond Neighborhood Development Plan

As Adopted December 1997, Amended December 2001, November 2005, March 2006
and *implemented through subdivision and zoning approvals





City of Verona North Neighborhood Plan

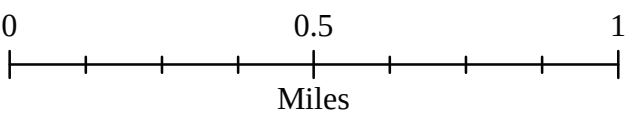


Future Land Use

Legend

- Access Points
- North Neighborhood Boundary
- Verona City Limits
- Commercial/Mixed Use
- School
- Church
- Office
- Open Space/Wooded
- Wooded Residential
- Suburban Residential
- Multi-Family Housing

November 4, 2014



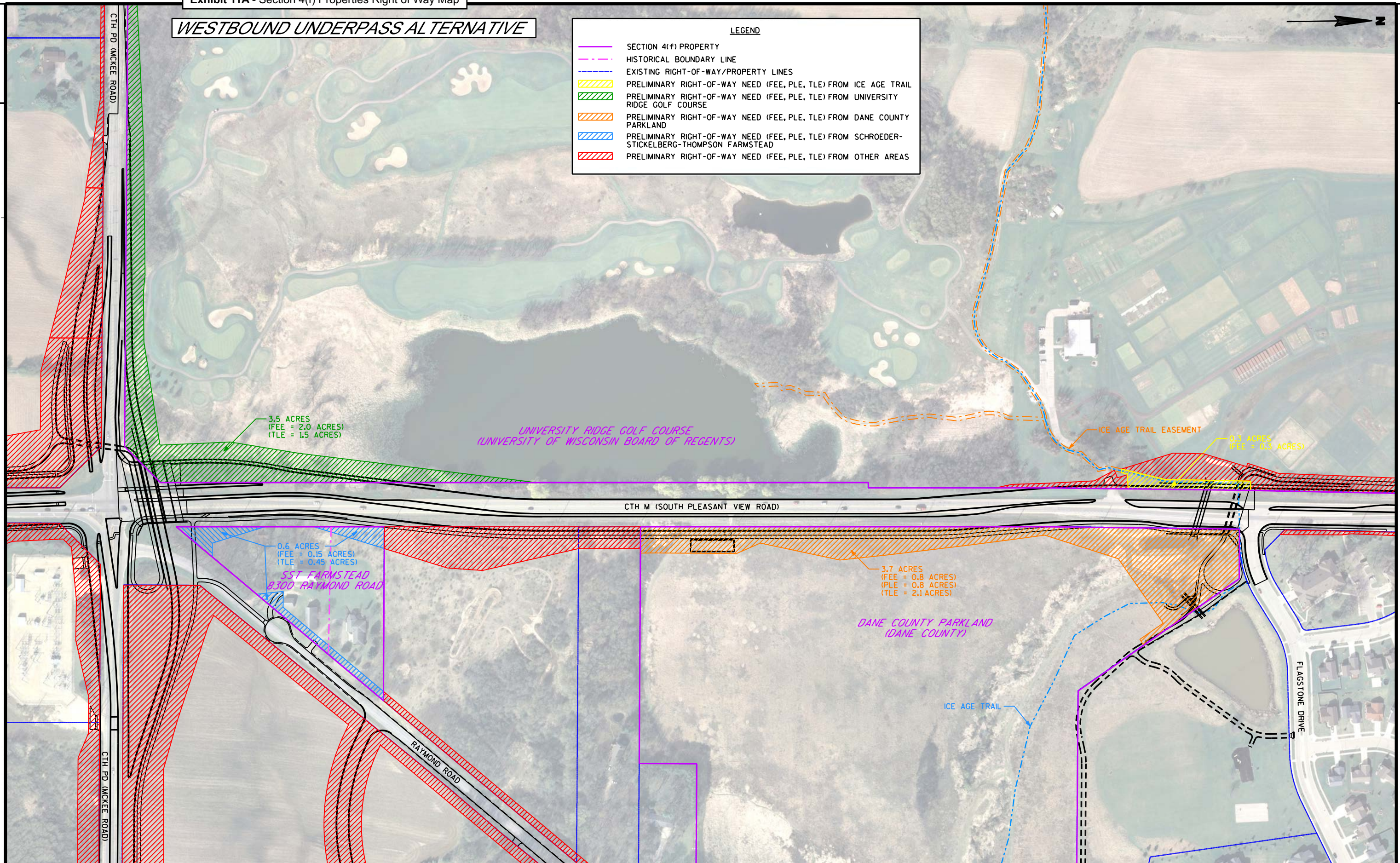
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Dane County Land Information Office
Dane County Planning and Development
Capital Area Regional Planning Commission

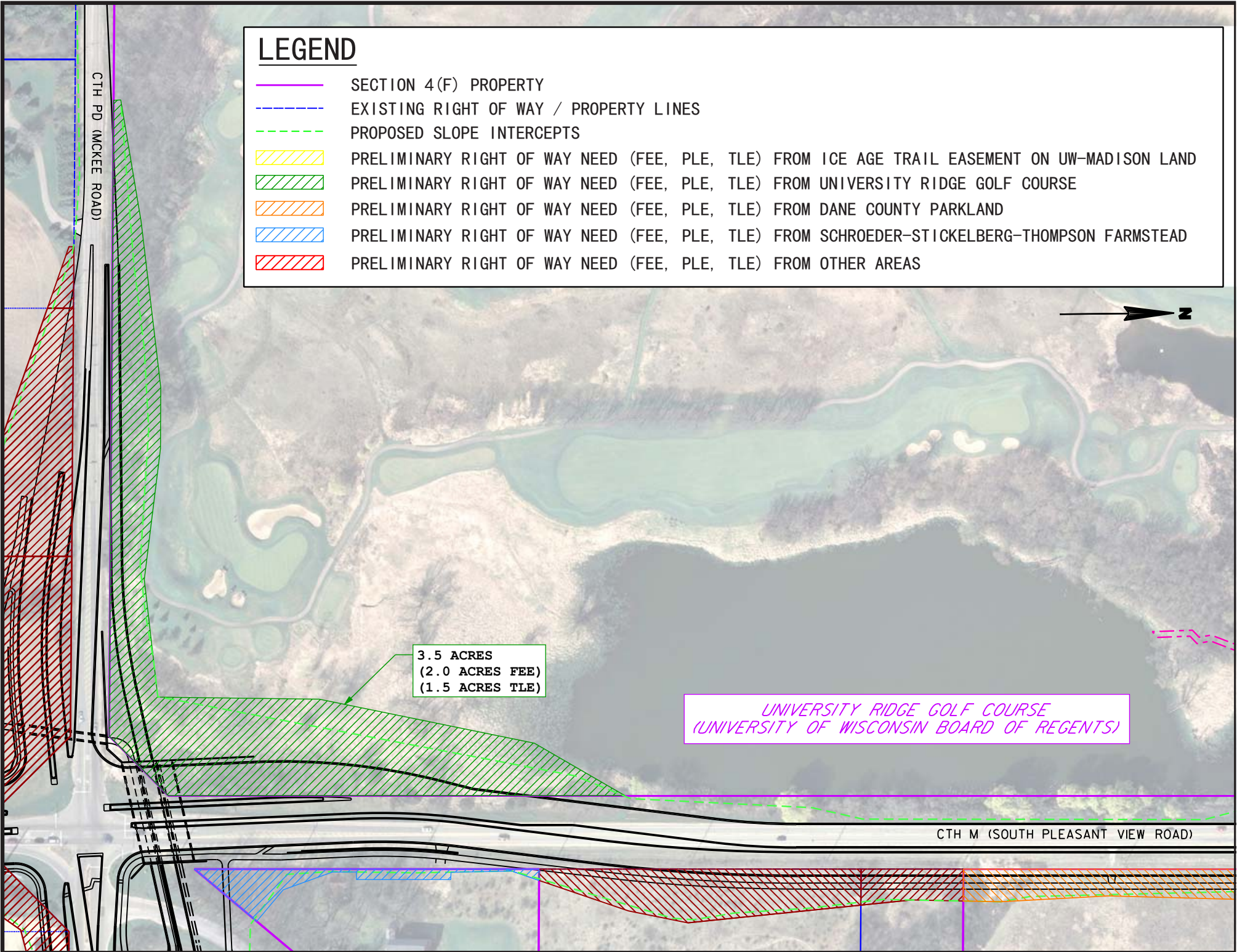
This map was prepared by the City of Verona in conjunction with the Dane County Land Information Office, Dane County Planning and Development, and the Capital Area Regional Planning Commission.

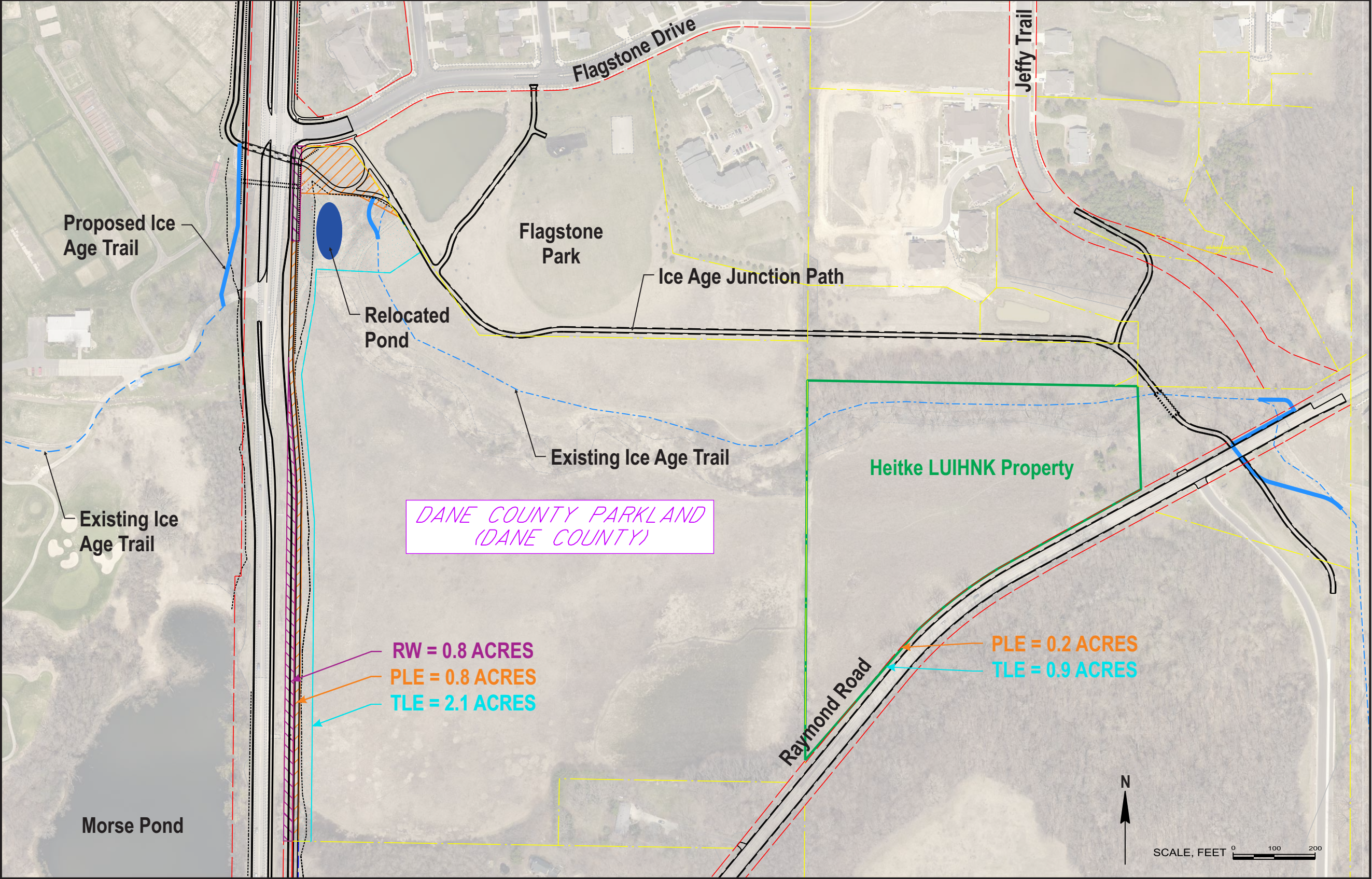
WESTBOUND UNDERPASS ALTERNATIVE

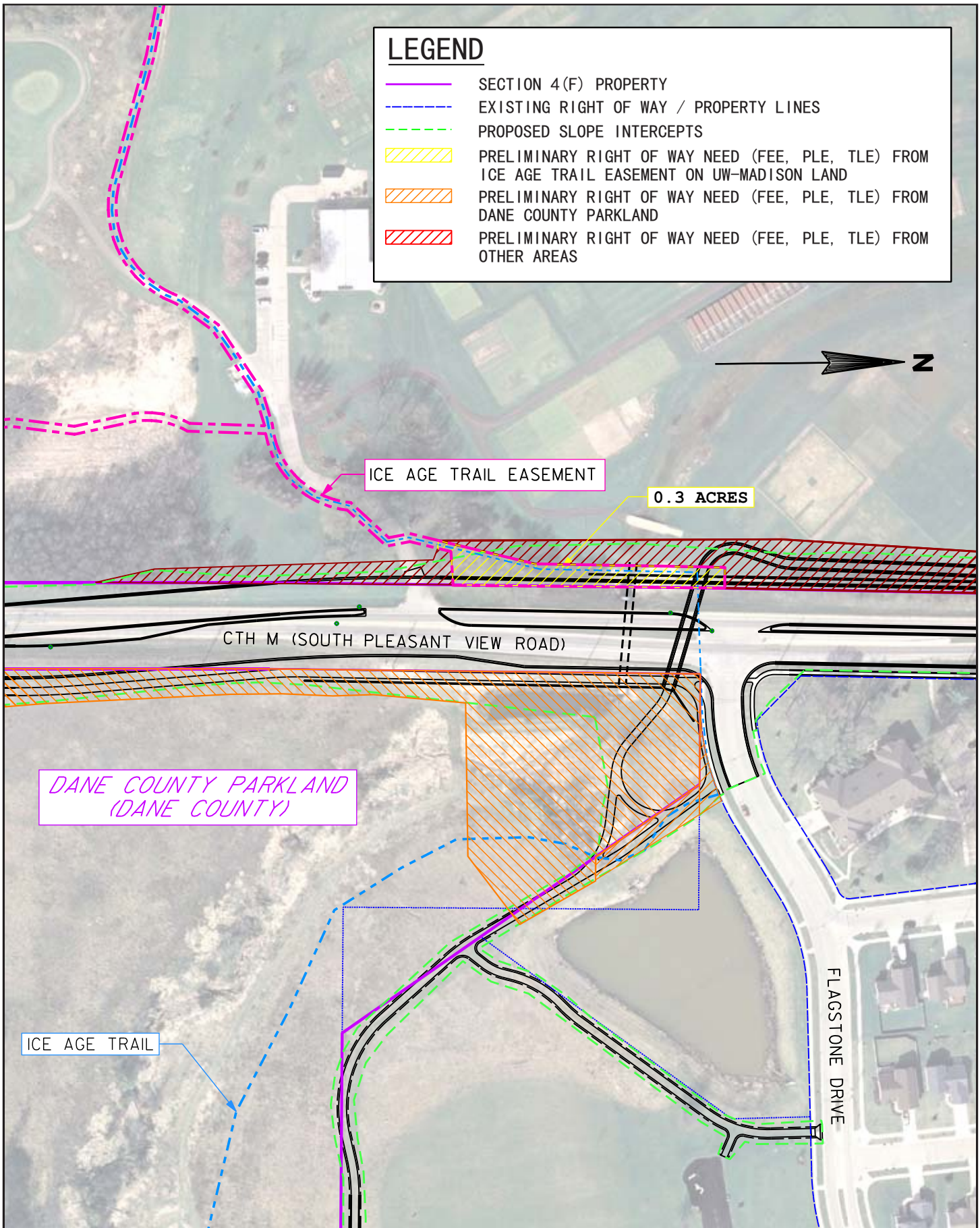
LEGEND

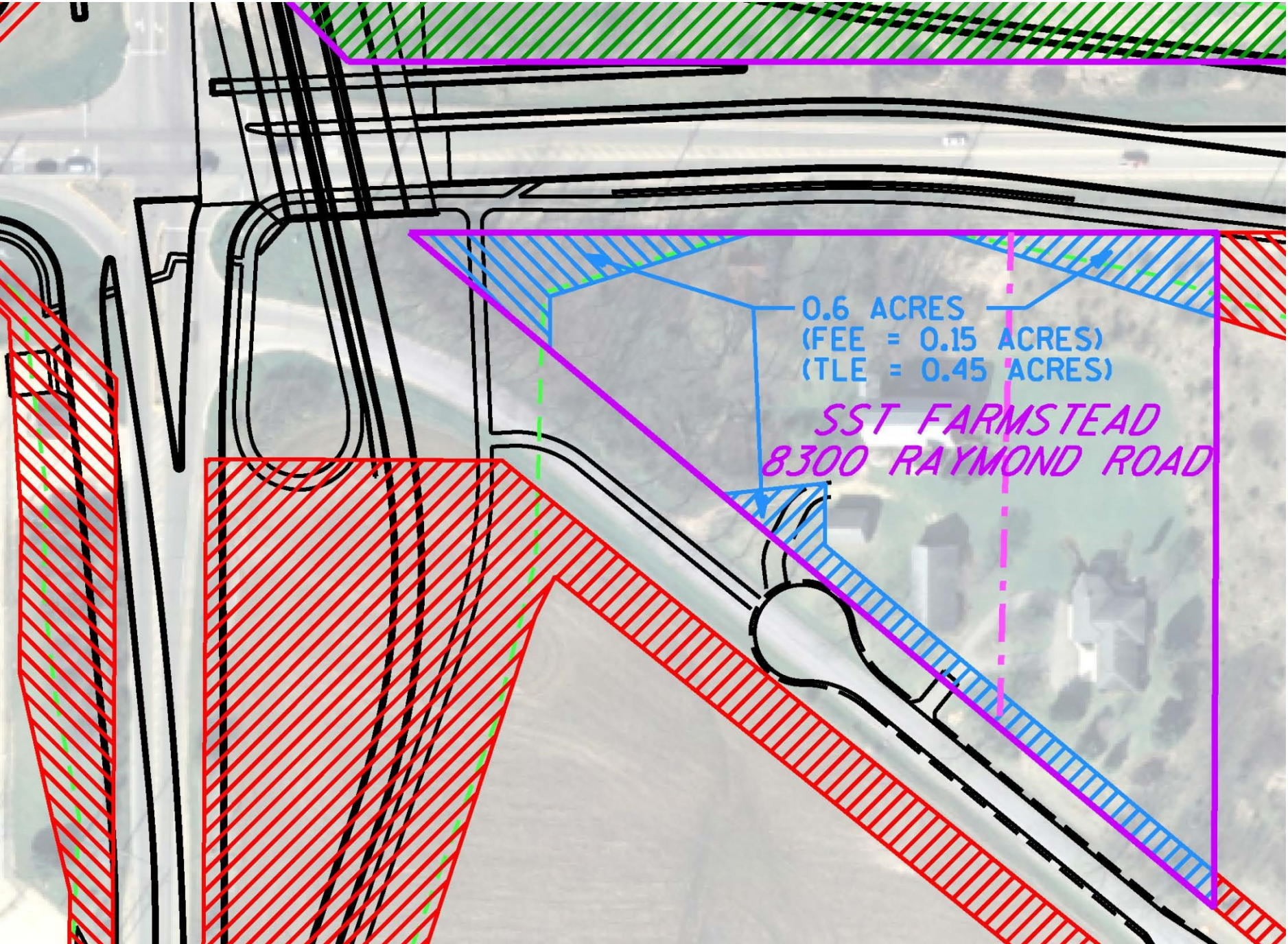
- SECTION 4(f) PROPERTY
- HISTORICAL BOUNDARY LINE
- EXISTING RIGHT-OF-WAY/PROPERTY LINES
- PRELIMINARY RIGHT-OF-WAY NEED (FEE, PLE, TLE) FROM ICE AGE TRAIL
- PRELIMINARY RIGHT-OF-WAY NEED (FEE, PLE, TLE) FROM UNIVERSITY RIDGE GOLF COURSE
- PRELIMINARY RIGHT-OF-WAY NEED (FEE, PLE, TLE) FROM DANE COUNTY PARKLAND
- PRELIMINARY RIGHT-OF-WAY NEED (FEE, PLE, TLE) FROM SCHROEDER-STICKELBERG-THOMPSON FARMSTEAD
- PRELIMINARY RIGHT-OF-WAY NEED (FEE, PLE, TLE) FROM OTHER AREAS





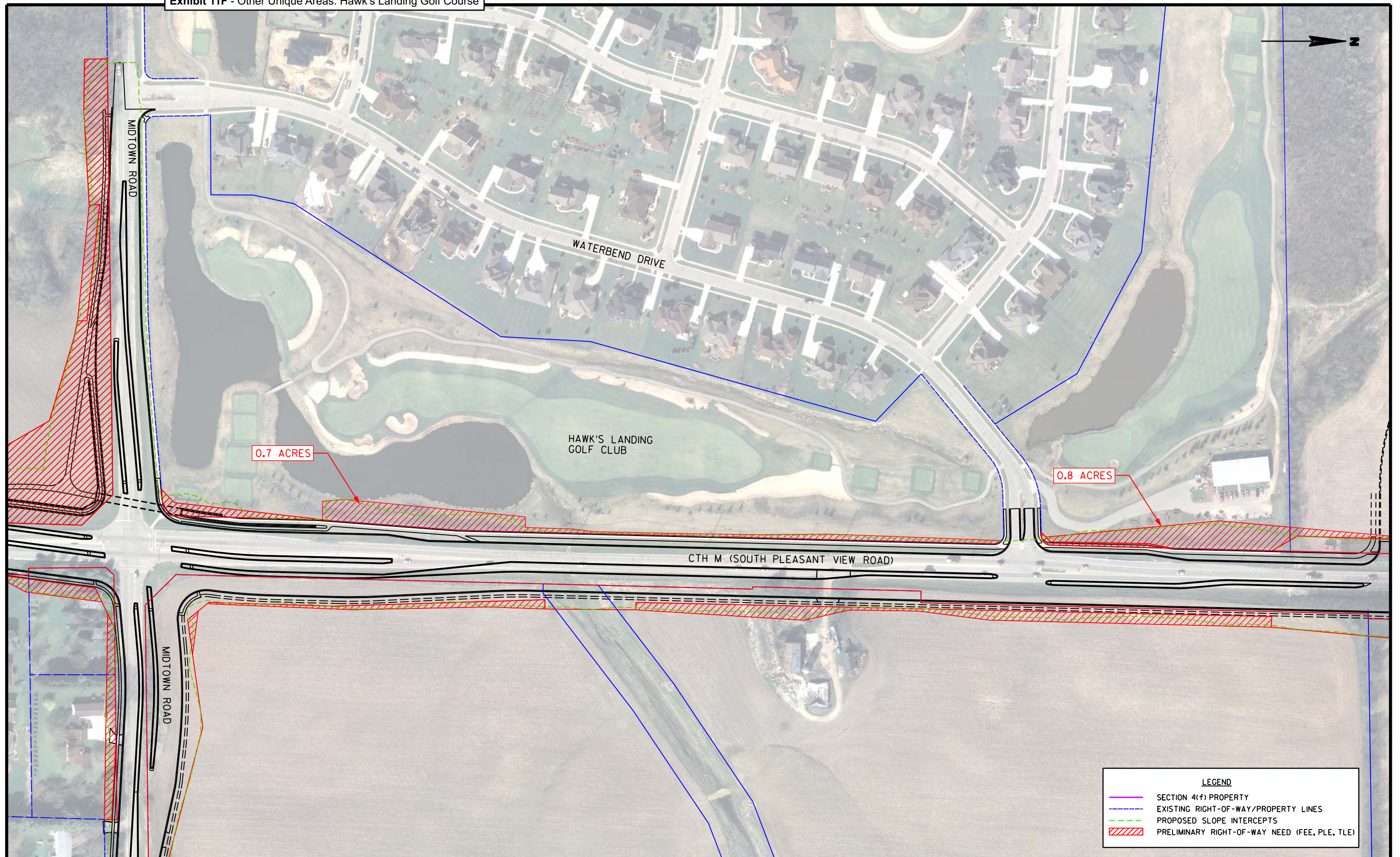






LEGEND

- SECTION 4(F) PROPERTY
- EXISTING RIGHT OF WAY / PROPERTY LINES
- PROPOSED SLOPE INTERCEPTS
- PRELIMINARY RIGHT OF WAY NEED (FEE, PLE, TLE) FROM ICE AGE TRAIL EASEMENT ON UW-MADISON LAND
- PRELIMINARY RIGHT OF WAY NEED (FEE, PLE, TLE) FROM UNIVERSITY RIDGE GOLF COURSE
- PRELIMINARY RIGHT OF WAY NEED (FEE, PLE, TLE) FROM DANE COUNTY PARKLAND
- PRELIMINARY RIGHT OF WAY NEED (FEE, PLE, TLE) FROM SCHROEDER-STICKELBERG-THOMPSON FARMSTEAD
- PRELIMINARY RIGHT OF WAY NEED (FEE, PLE, TLE) FROM OTHER AREAS



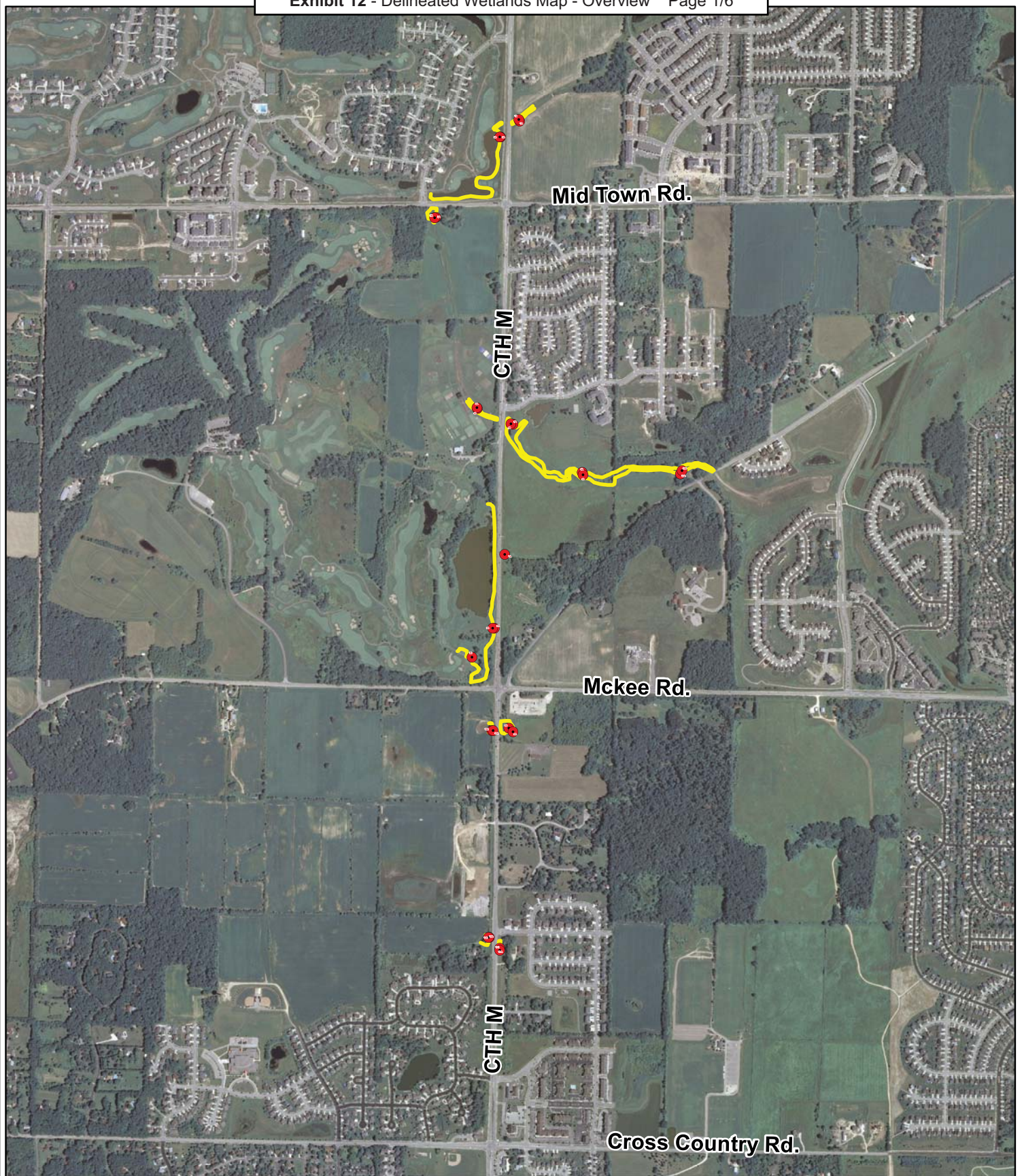
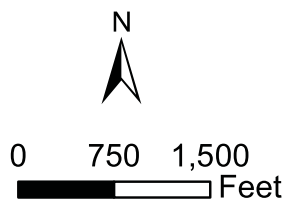


Photo Source: 2010 NAIP

Legend

- Plots
- Boundary Lines



CTH M Wetland Delineation		
Dane County, Wisconsin		
DRAWN BY: MEG	DATE: Sept. 28, 2011	
CHECKED BY: MG	SCALE: As Shown	
JOB NO: 373030	P:\370s\373\00373030	



Photo Source: 2010 NAIP

Legend

- Plots
- Boundary Lines
- X Culverts



0 100 200
Feet

CTH M Wetland Delineation

Dane County, Wisconsin

DRAWN BY: MEG DATE: Sept. 28, 2011

CHECKED BY: MG SCALE: As Shown

JOB NO: 373030 P:\370s\373\00373030

MSA

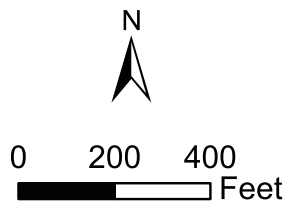
PROFESSIONAL SERVICES
More ideas. Better solutions.



Photo Source: 2010 NAIP

Legend

- Boundary Lines
- X Culverts
- Plots



CTH M Wetland Delineation

Dane County, Wisconsin

DRAWN BY: MEG DATE: Sept. 28, 2011

CHECKED BY: MG SCALE: As Shown

JOB NO: 373030 P:\370s\373\00373030



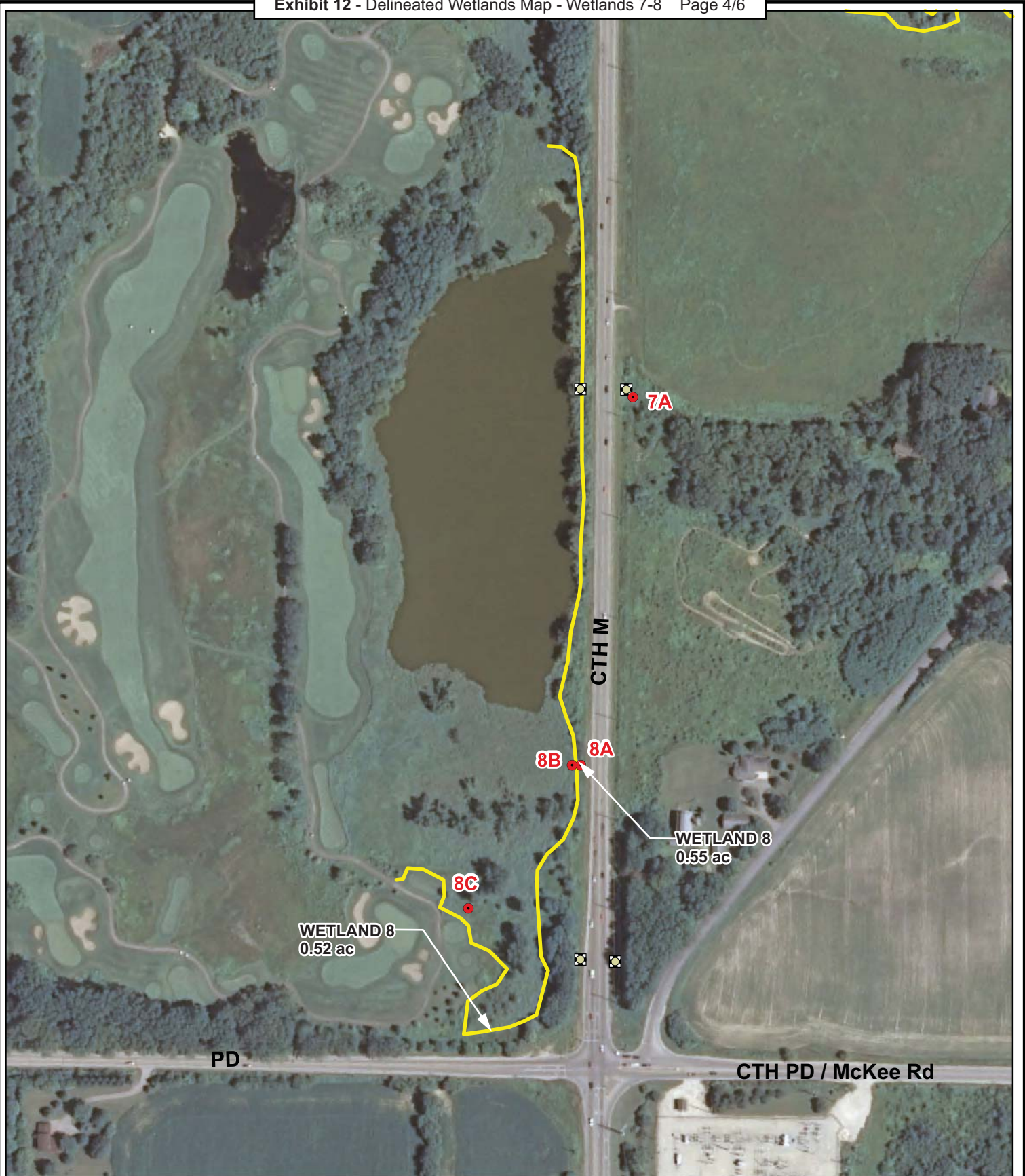
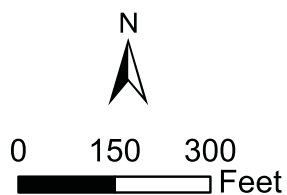


Photo Source: 2010 NAIP

Legend

- Plots
- X Culverts
- Boundary Lines



CTH M Wetland Delineation

Dane County, Wisconsin

DRAWN BY: MEG DATE: Sept. 28, 2011

CHECKED BY: MG SCALE: As Shown

JOB NO: 373030 P:\370s\373\00373030

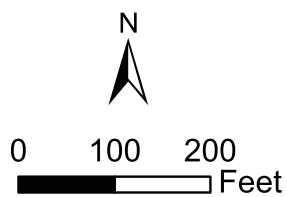




Photo Source: 2010 NAIP

Legend

- Plots
- X Culverts
- Boundary Lines



CTH M Wetland Delineation

Dane County, Wisconsin

DRAWN BY: MEG DATE: Sept. 28, 2011

CHECKED BY: MG SCALE: As Shown

JOB NO: 373030 P:\370s\373\00373030

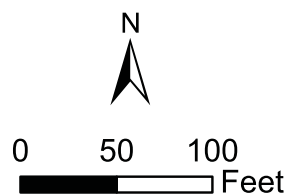




Photo Source: 2010 NAIP

Legend

- Plots
- X Culverts
- Boundary Lines



CTH M Wetland Delineation

Dane County, Wisconsin

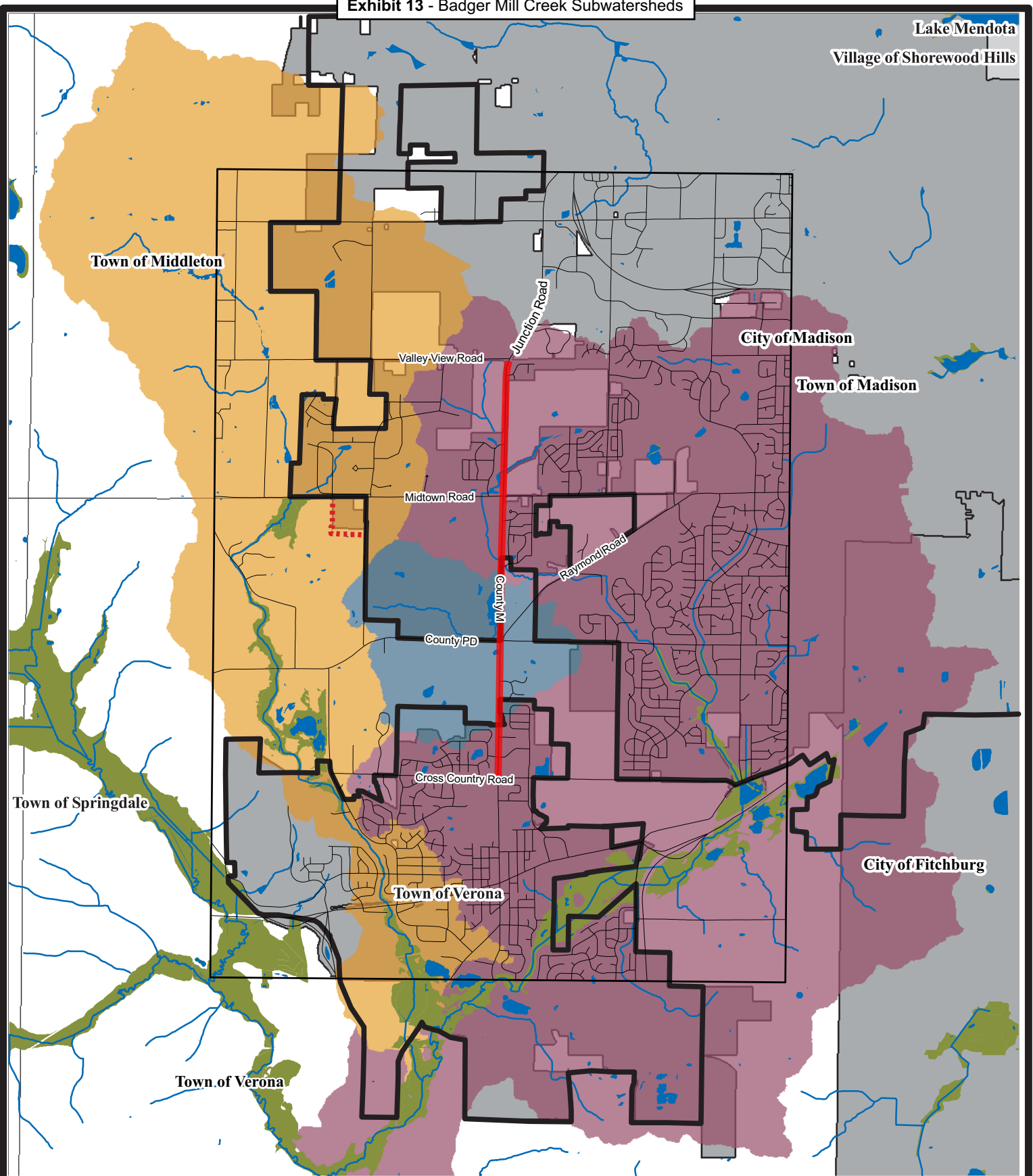
DRAWN BY: MEG DATE: Sept. 28, 2011

CHECKED BY: MG SCALE: As Shown

JOB NO: 373030 P:\370s\373\00373030



Exhibit 13 - Badger Mill Creek Subwatersheds



Badger Mill Creek Subwatersheds

Amendment to the
Central Urban Service
Area and Environmental
Corridors in the City of
Madison and the Town of Verona

- | | | |
|---|--------------------------------------|--|
|  | Existing Urban Service Area | SubWatershed Name |
|  | Service Area to be Added |  Badger Mill Creek |
|  | Natural Area (Floodplain or Wetland) |  Lower Badger Mill Creek |
|  | Municipal Boundary |  Morse Pond |

4 Nov. 2009

0 5,000

Feet

Prepared by staff of the
Capital Area Regional
Planning Commission