

Fitchrona Road Reconstruction Design

Public Information Meeting #1

Frances Huntley-Cooper Council Chambers

Thurs., May 25, 2023

6-8 pm

Rick Eilertson, PE, ENV-SP
Project Engineer/Manager
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Ross Kahler, PE
Senior Project Engineer
City of Fitchburg
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Chris Barnes, PE
Public Works Director
Town of Verona
608-807-4471
cbarnes@town.verona.wi.us

6:00pm – Open House

6:30pm - Presentations

1. Welcome & Introductions
2. Brief Update on Lacy Road Reconstruction
– Ross Kahler
3. Brief Update on Goose Lake/Fitchrona Road
Drainage Improvements
– Ben Schulte & Chris Barnes
4. Fitchrona Road Reconstruction
– Rick Eilertson
 - 4.1. Project Overview
 - 4.2. Project Schedule
 - 4.3. Project Challenges
 - 4.4. Comment Period
 - 4.5. Next Steps

7:00pm – Open House

Presentations

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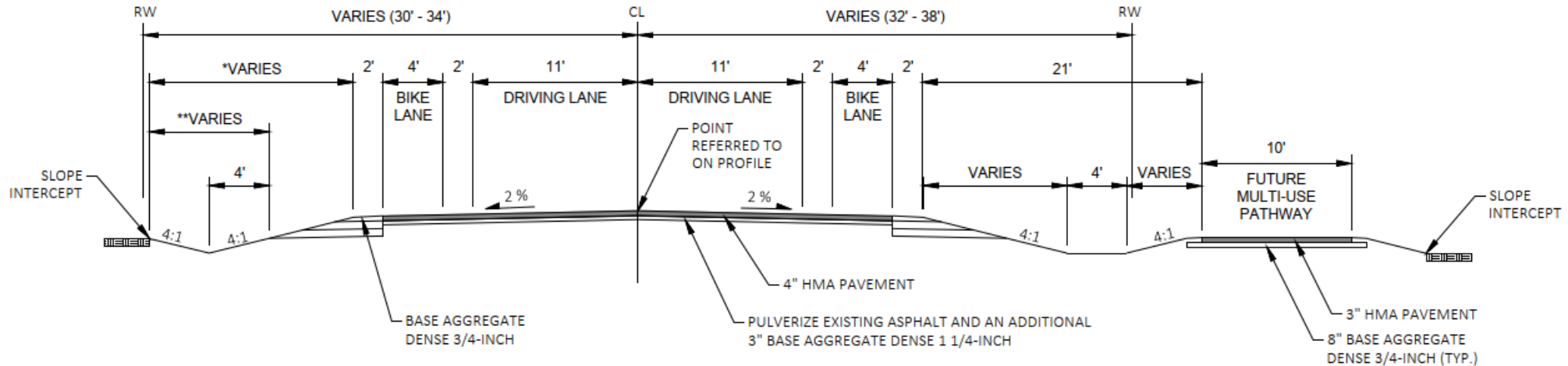
Fitchrona Road Reconstruction

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Fitchrona Road Reconstruction Design

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Fitchrona Road Typical Section (Tonto Trail to Lacy Rd)



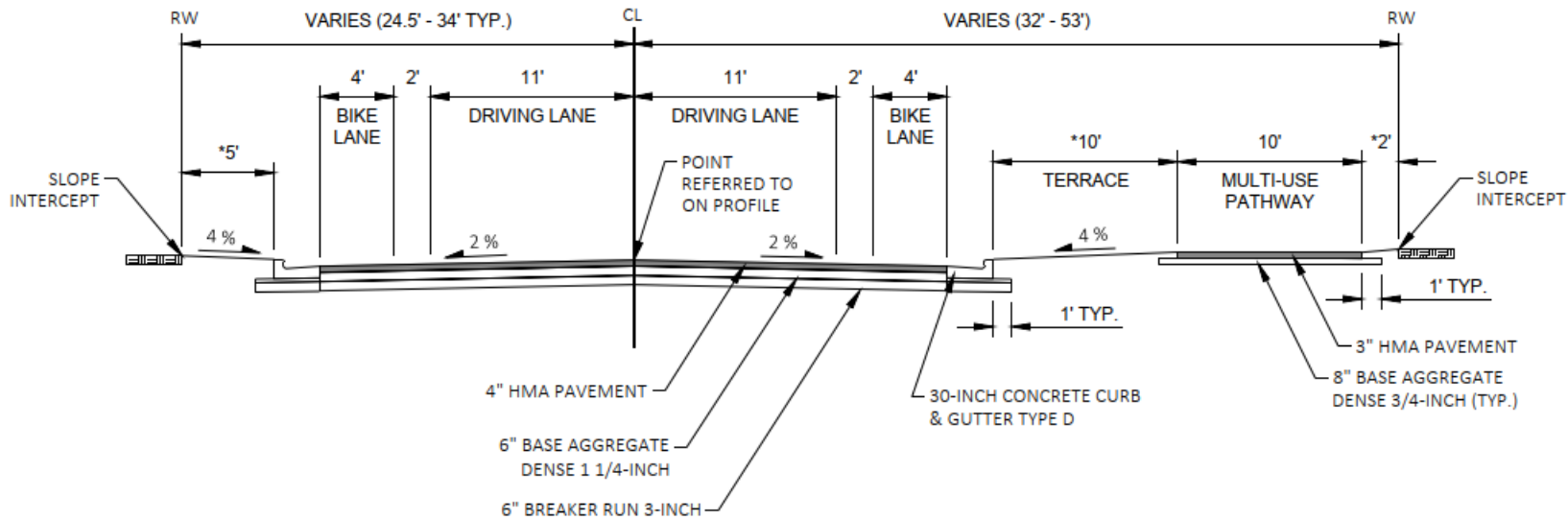
FITCHRONA ROAD
TONTO TRAIL TO LACY ROAD
STA 63+50 - STA 82+00

Looking North

Fitchrona Road Reconstruction Design

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Fitchrona Road Typical Section (Lacy Rd to Nesbitt Rd)



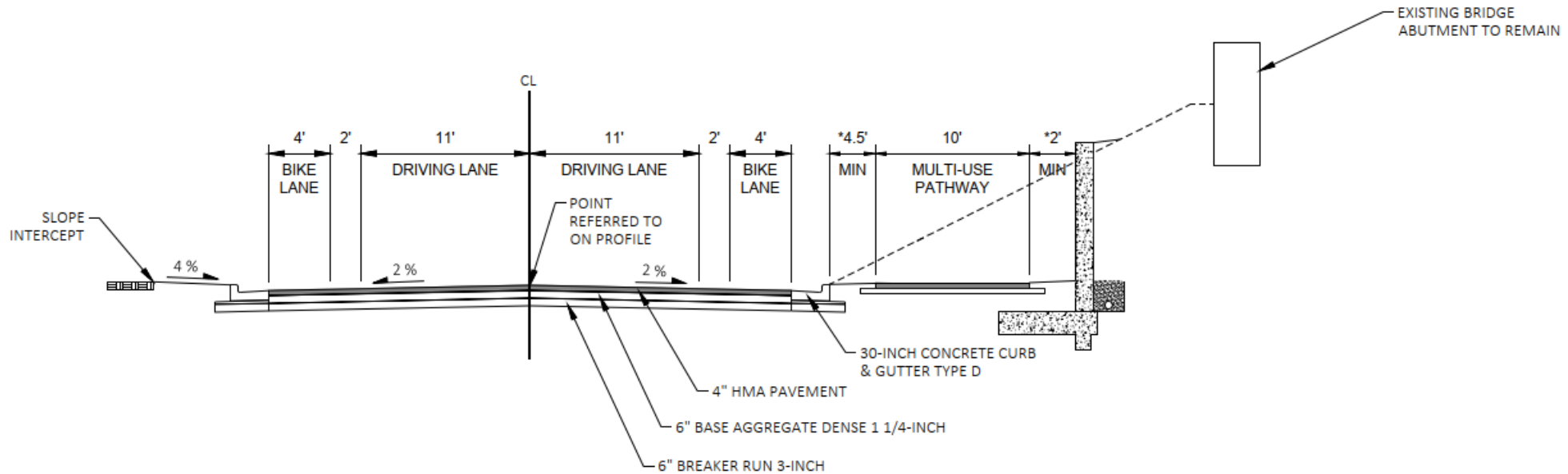
FITCHRONA ROAD
LACY ROAD TO NESBITT ROAD
STA 82+00 - STA 108+00

Looking North

Fitchrona Road Reconstruction Design

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Fitchrona Road Typical Section (Under Military Ridge Trail)



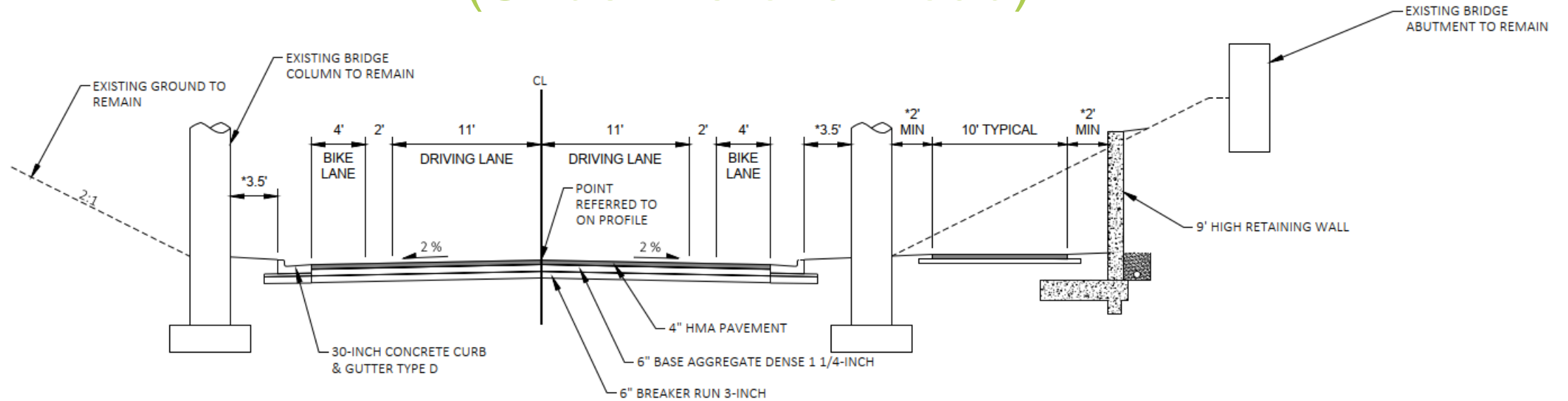
FITCHRONA ROAD
UNDER MILITARY RIDGE STATE TRAIL
STA 101+25 - STA 101+75

Looking North

Fitchrona Road Reconstruction Design

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Fitchrona Road Typical Section (Under Verona Road)



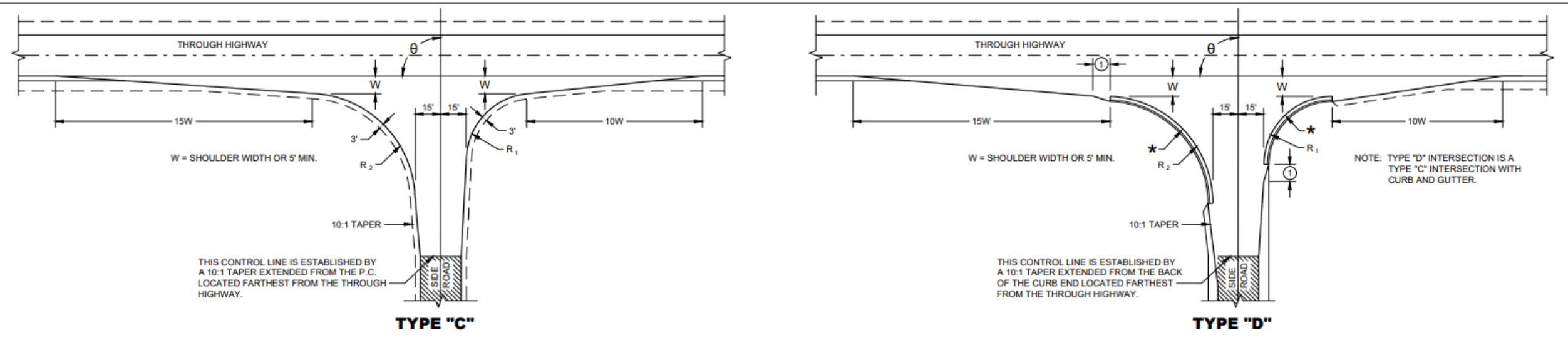
FITCHRONA ROAD
UNDER VERONA ROAD
STA 102+75 - STA 104+75

Looking North

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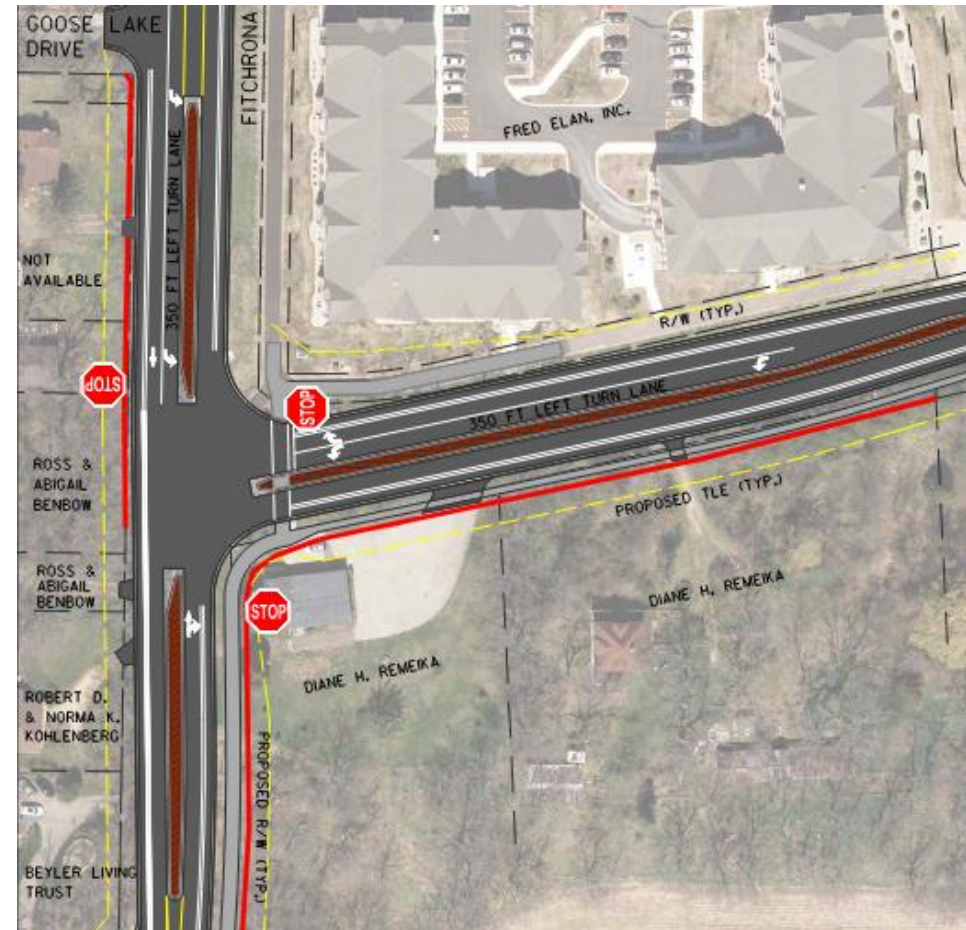
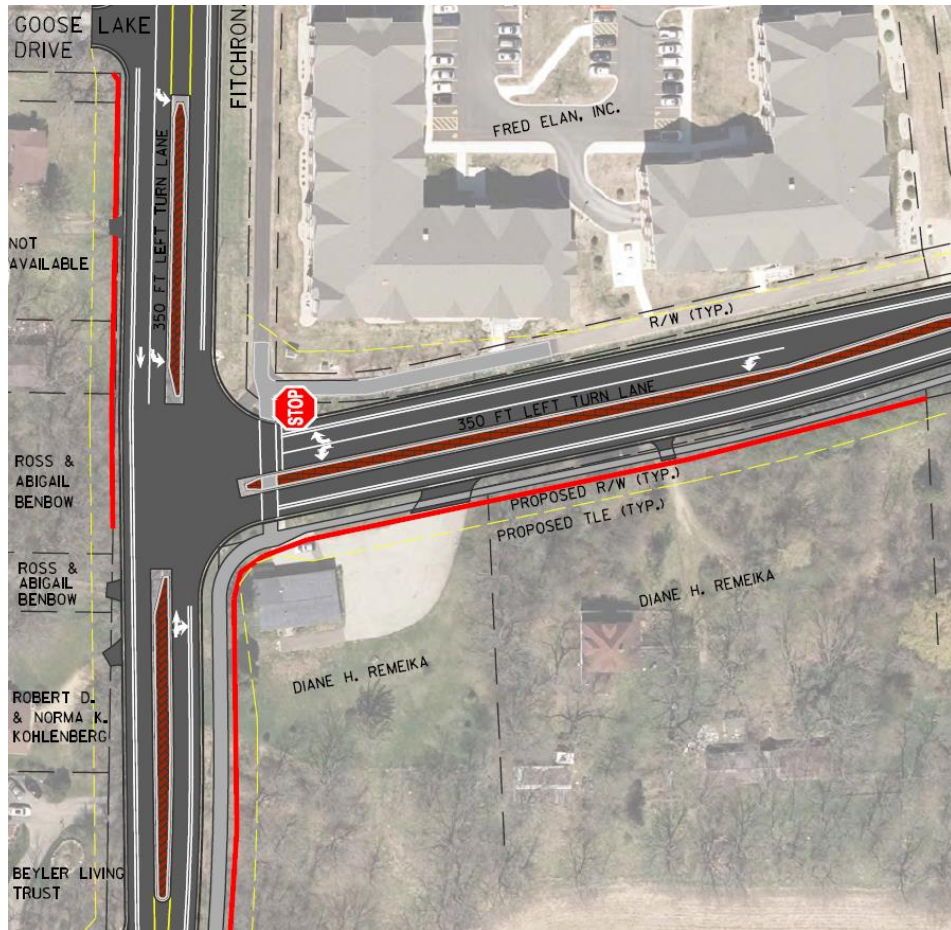
Intersection Design Options (Tonto Trail, Pheasant Ln, Goose Lake Dr.)



Fitchrona Road Reconstruction Design

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Lacy Road Intersection Design Alternatives



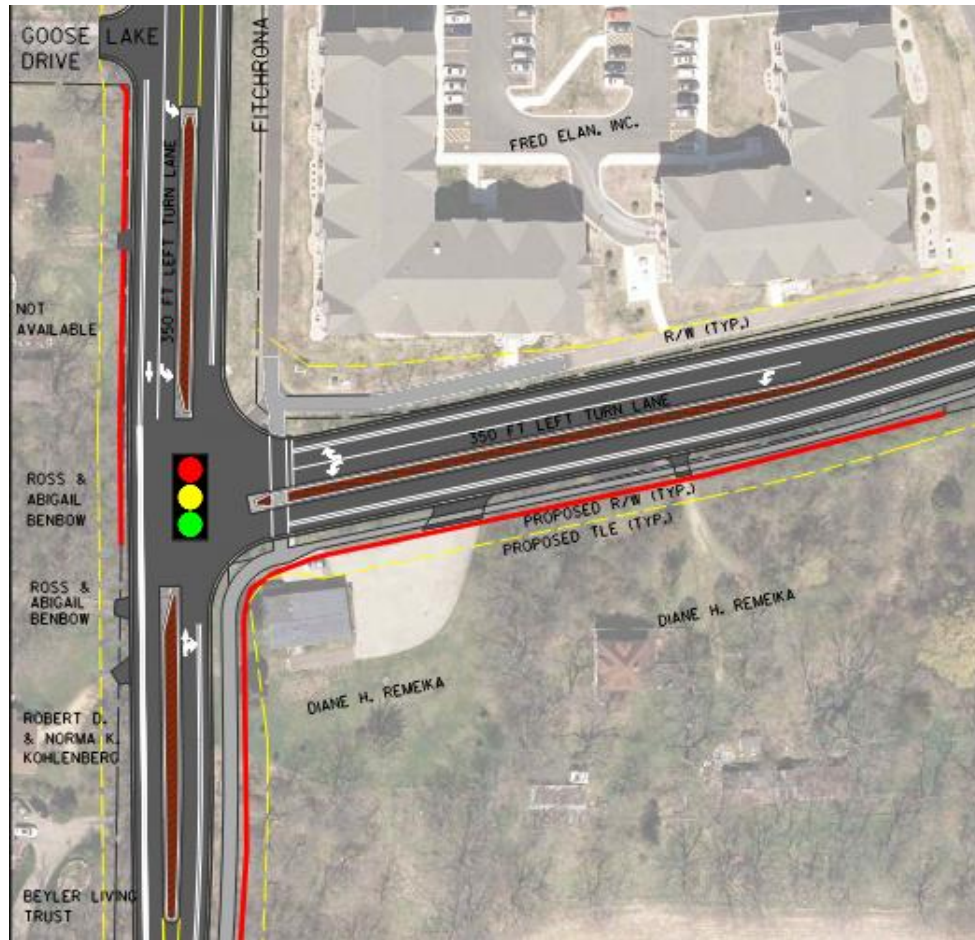
Alternative 1 – Stop Control on Lacy Rd
(LOS C-D)

Alternative 2 – All-Way Stop Control
(LOS C – Initially preferred by City)

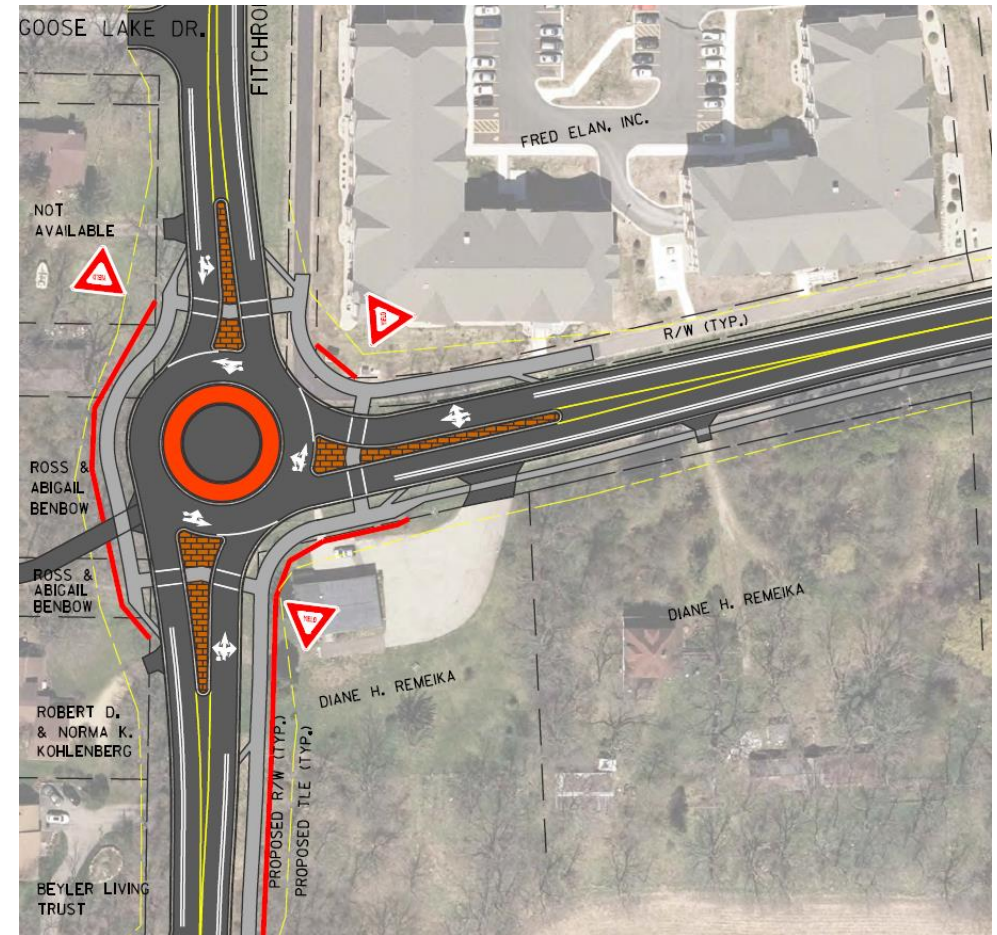
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Lacy Road Intersection Design Alternatives



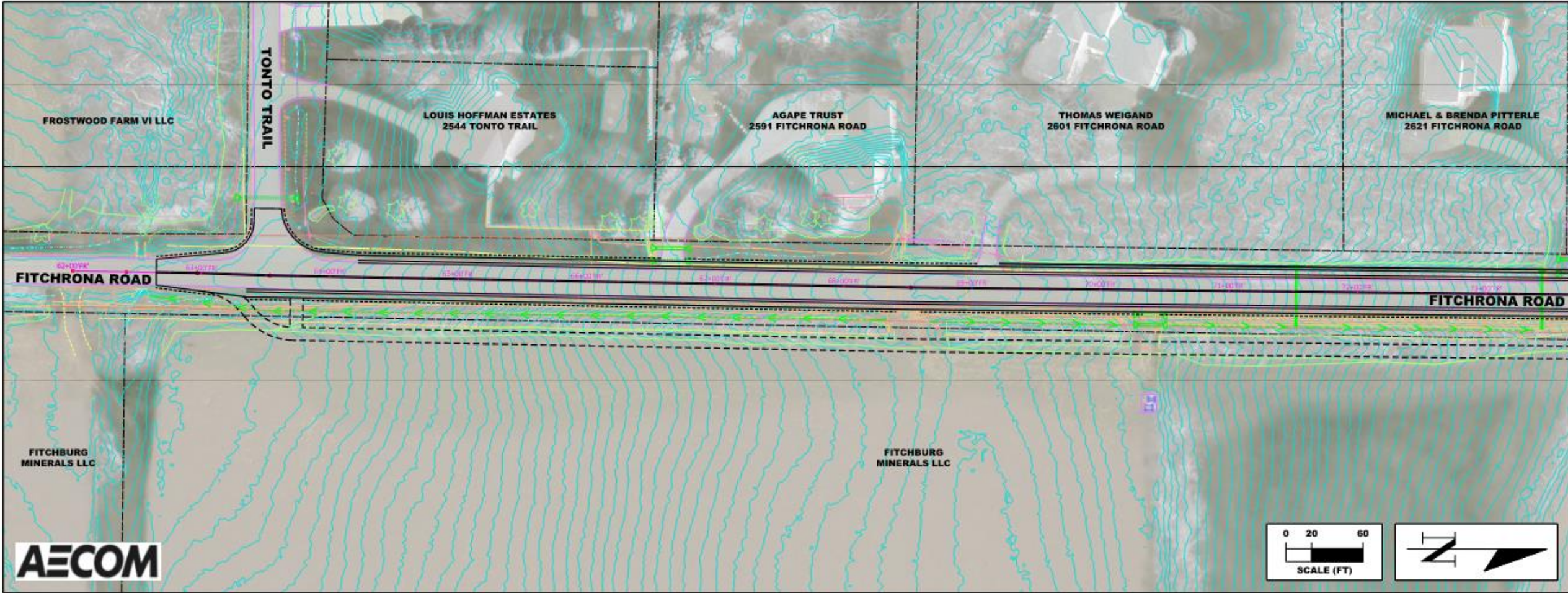
Alternative 3 – Traffic Signal
(LOS B)



Alternative 4 – Roundabout
(LOS A)

Fitchrona Road Reconstruction Design

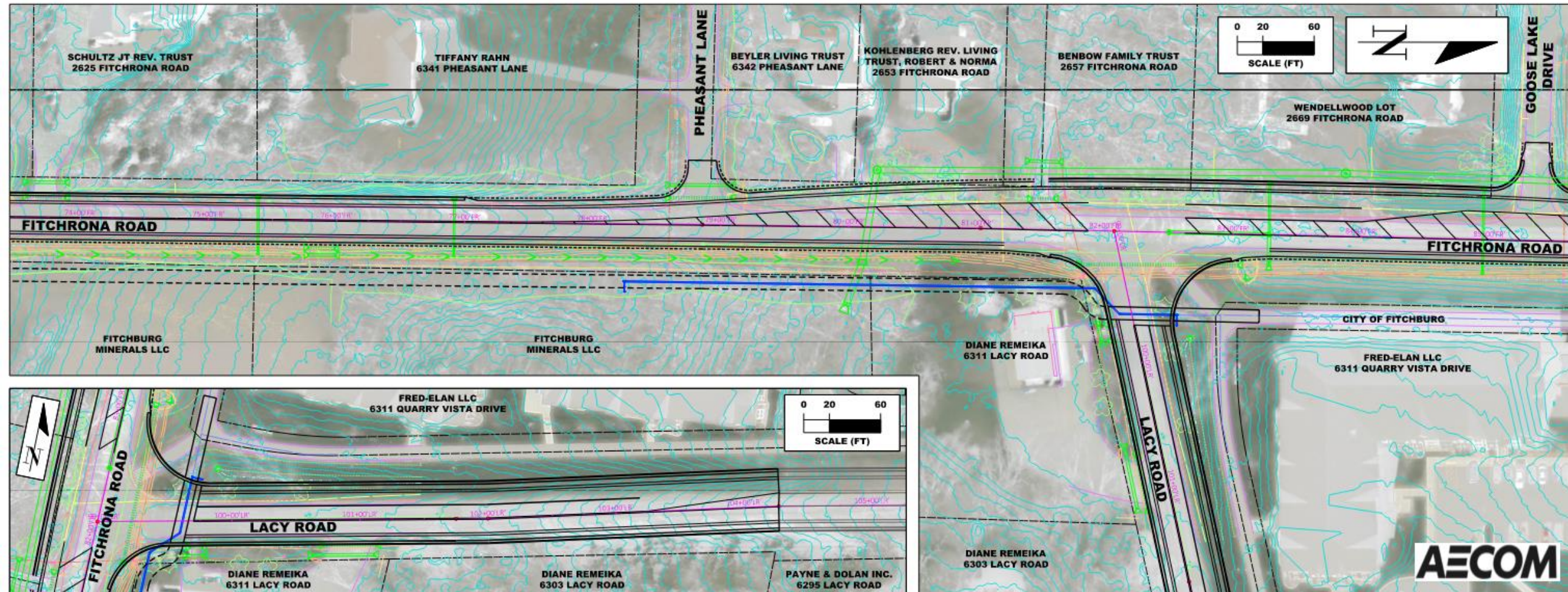
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(Tonto Trail to 500' S of Pheasant Ln)

Fitchrona Road Reconstruction Design

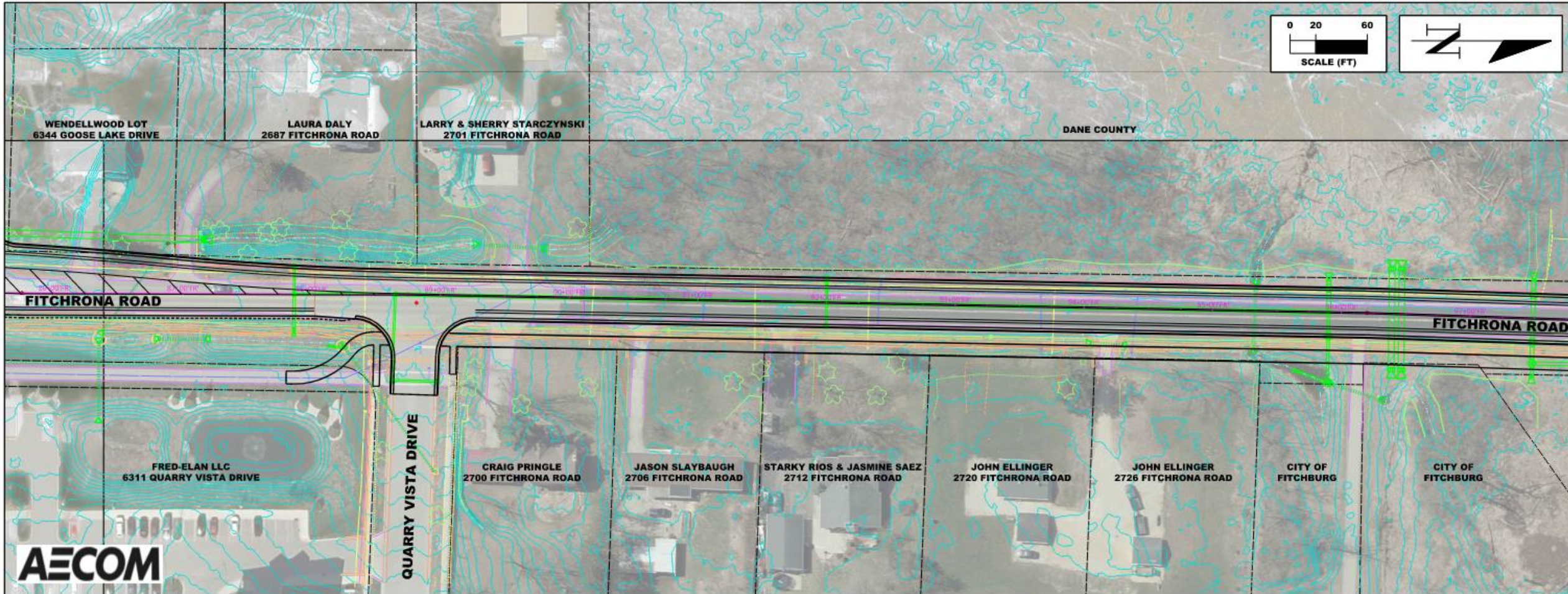
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(500' S of Pheasant Ln to Goose Lake Dr)

Fitchrona Road Reconstruction Design

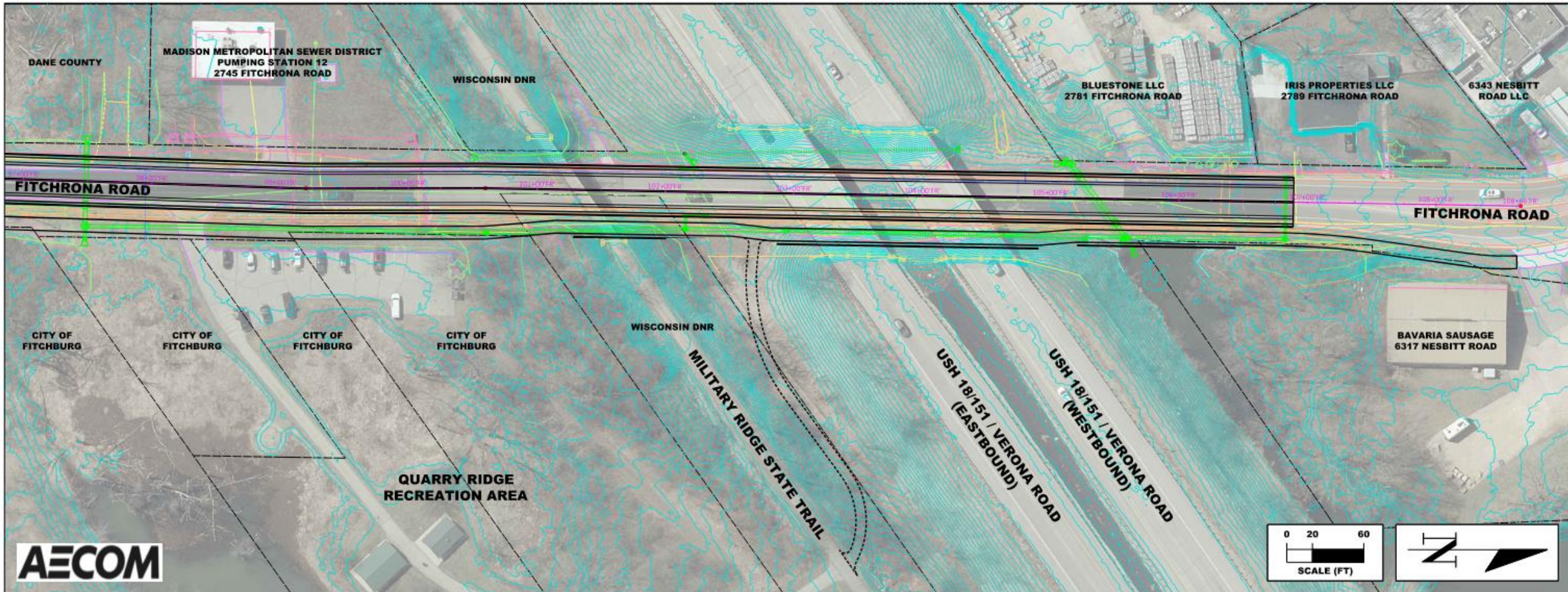
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(100' N of Goose Lake Dr to Quarry Ridge Rec Area)

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(Quarry Ridge Rec Area to Nesbitt Rd)

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Task	Activities	Project Schedule (2023)												(2024)		
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	
1.0 Field Surveying																
1.1	Office Preparation for Field Surveying															
1.2	Field Surveying															
1.3	Processing of field data, base mapping, DTM, reports, notes															
2.0 Transportation Project Plat																
2.1	Prepare Transportation Project Plat															
2.2	Prepare descriptions of individual land acquisitions															
2.3	Temporary staking of new R/W for appraisals															
2.4	Final R/W staking															
3.0 Wetland Delineations and Permit Applications																
3.1	Desktop Analysis															
3.2	Delineate Wetland Boundaries															
3.3	Prepare Wetland Delineation Report															
3.4	Prepare Wetland Permit Applications															
4.0 Plans, Specifications, and Estimates																
4.1	Utility Coordination															
4.2	Roadway Typical Sections															
4.3	Stormwater Design															
4.4	Water Main Design and Sanitary MH Adjustments															
4.5	Intersection Geometry Evaluation															
4.6	Lighting Design															
4.7	Pavement Design & Report															
4.8	Traffic Management Plan and Construction Staging Plan															
4.9/10	Retaining Walls under USH 18/151 (Verona Rd), Military Ridge State Trail, and detention pond															
4.11	Plans, Specifications, and Estimates															
4.12	WDNR NOI and WDNR Water Main Extension Permits															
5.0 Public Involvement and Project Meetings																
5.1	Two Public Information Meetings															
5.2	Two Meetings with Town of Verona															
5.3	Six Meetings with City Staff															
Total																



Project Schedule

Fitchrona Road Reconstruction Design

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Frequent Flooding of Fitchrona Rd resulting in Road Closures



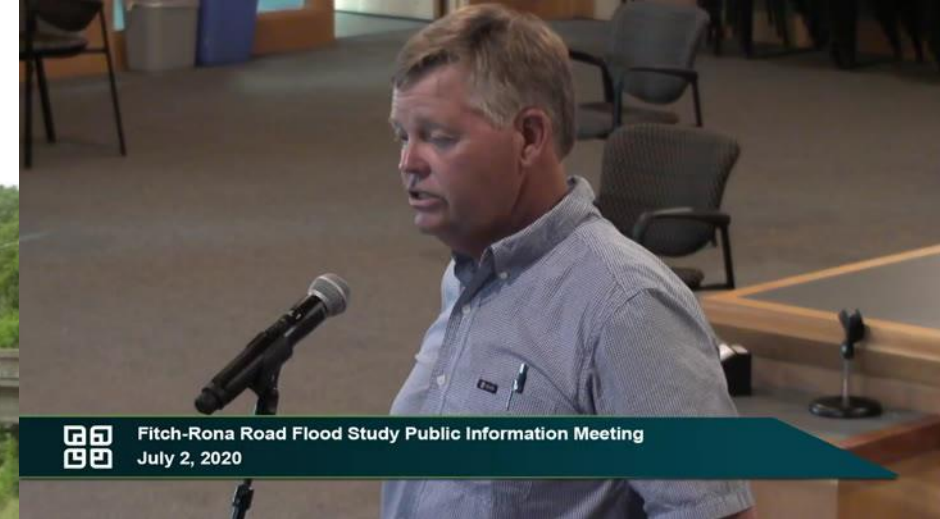
Project Challenges

PURPOSE OF REGIONAL STORMWATER PLAN

- Flooding closed Fitchrona Road to traffic in 2001, 2007, 2008, 2009, 2010, 2013, 2017, 2018, and 2019.
- Subsequent plans call for increased pipe capacity under Fitchrona Road.
- Suspected downstream “roadblocks” to adequate drainage.



Fitchrona Road, looking south to 18/151, photo taken June 26, 2013

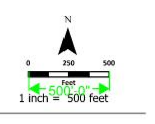
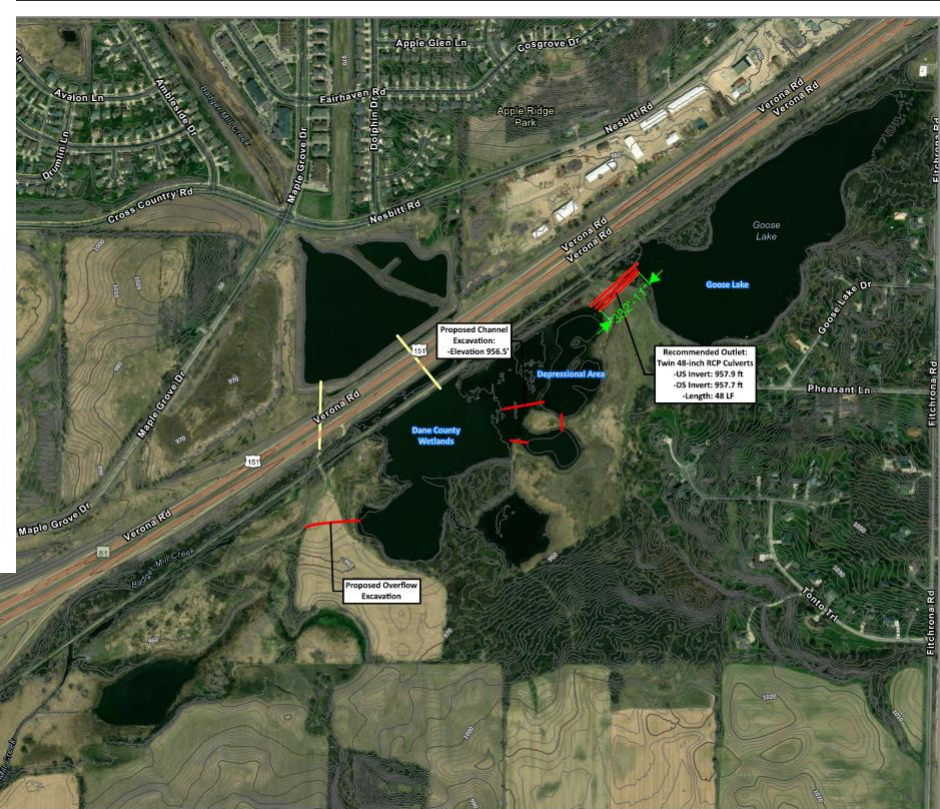
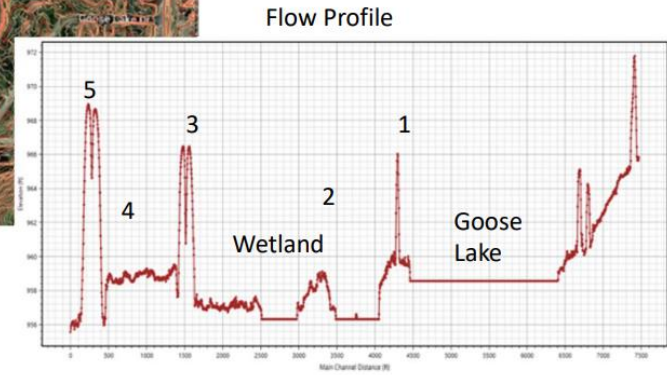
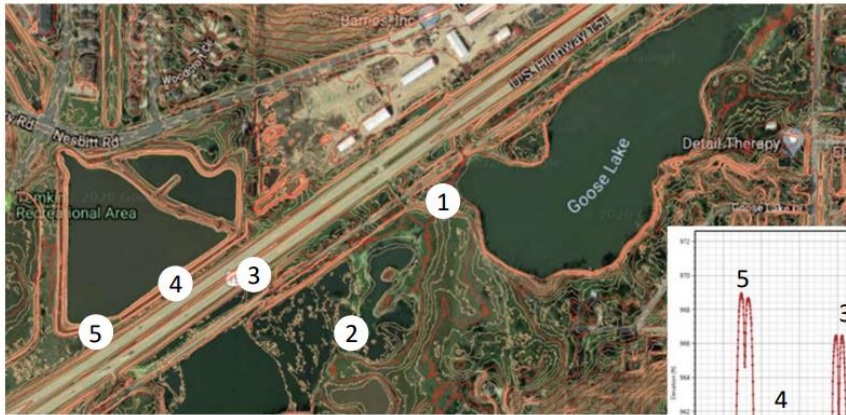


Project Challenges

Fitchrona Road Reconstruction Design

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ROADBLOCKS DOWNSTREAM OF FITCHRONA ROAD



Locator Map Not to Scale
City of Fitchburg
Dane County, WI

Figure 1
RECOMMENDED ALTERNATIVE

REGIONAL STORMWATER
MANAGEMENT STUDY AND
DESIGN- FITCHRONA ROAD
AND GOOSE LAKE
Date: 3/10/2021



Information depicted may include data unverified by AES. Any reliance upon such data is at the user's own risk. AES does not warrant this map or its features are either spatially or temporally accurate. Coordinate System: NAD 1983 HARN WISCONSIN State Plane Feet | Edited by: akirsch | W:\F\Fitchburg Public Works\14827.2019-003\GIS\Fitchburg Stormwater Improvements.aprx | Preferred Alternative

Project Challenges

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General Questions?



Open House

Please visit <https://www.fitchburgwi.gov/2874/Fitchrona-Rd-Reconstruction> for additional project information

Sign up for notifications at:
<https://www.fitchburgwi.gov/list.aspx>.
Click “Fitchrona Rd Reconstruction – Tonto Tr to Nesbitt Rd”.

Please send comments to ross.kahler@fitchburgwi.gov by June 9, 2023. Thank you!