

Project 5310-02-08

USH 14 / Deming Way intersection

Public Information Meeting

November 2022



Project contacts

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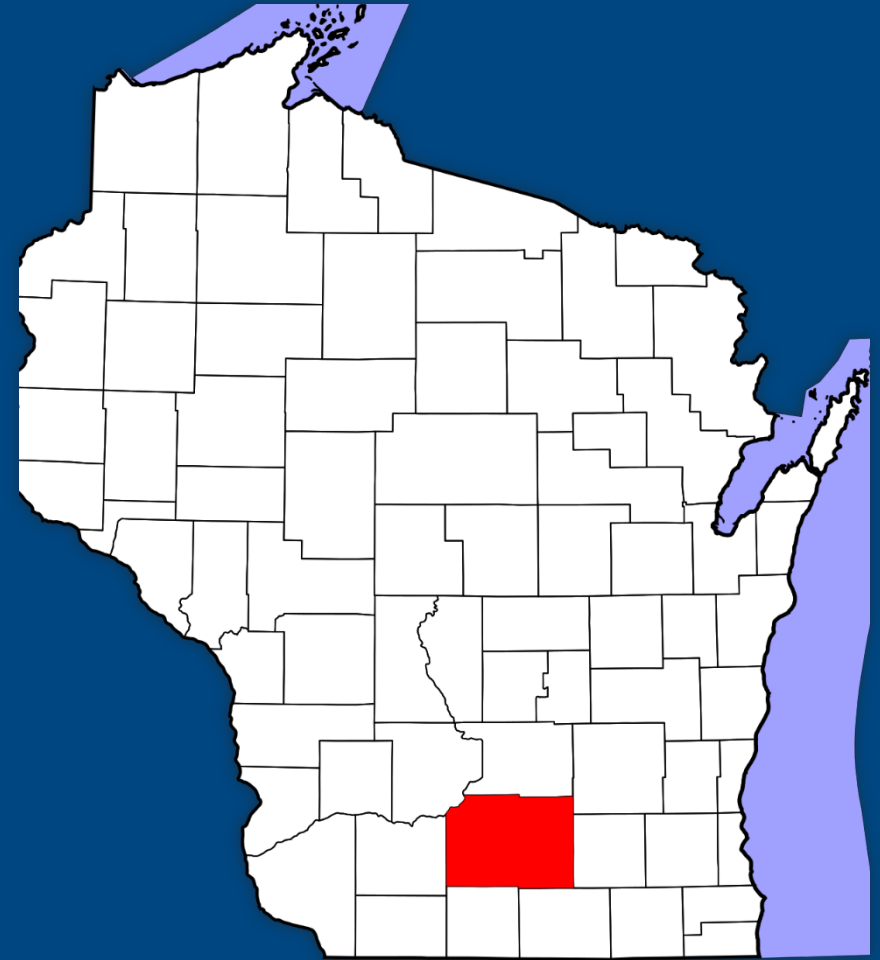
Presentation agenda

- Project location
- Project purpose & need
- Proposed design overview
- Upcoming schedule
- Contact information



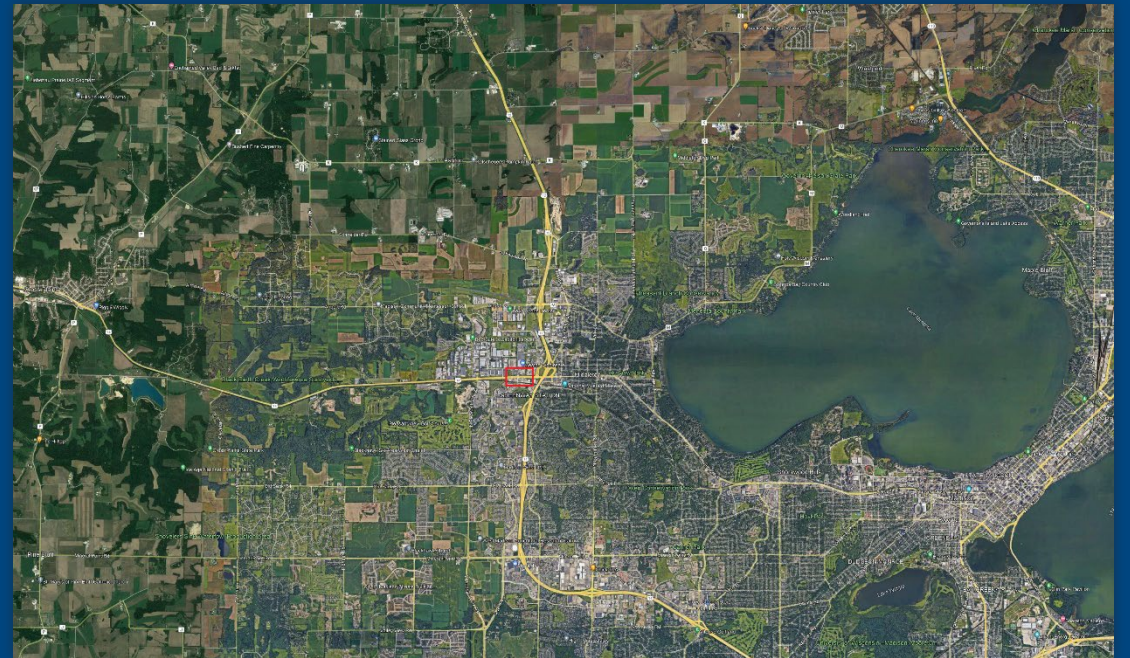
Project location

- Dane County



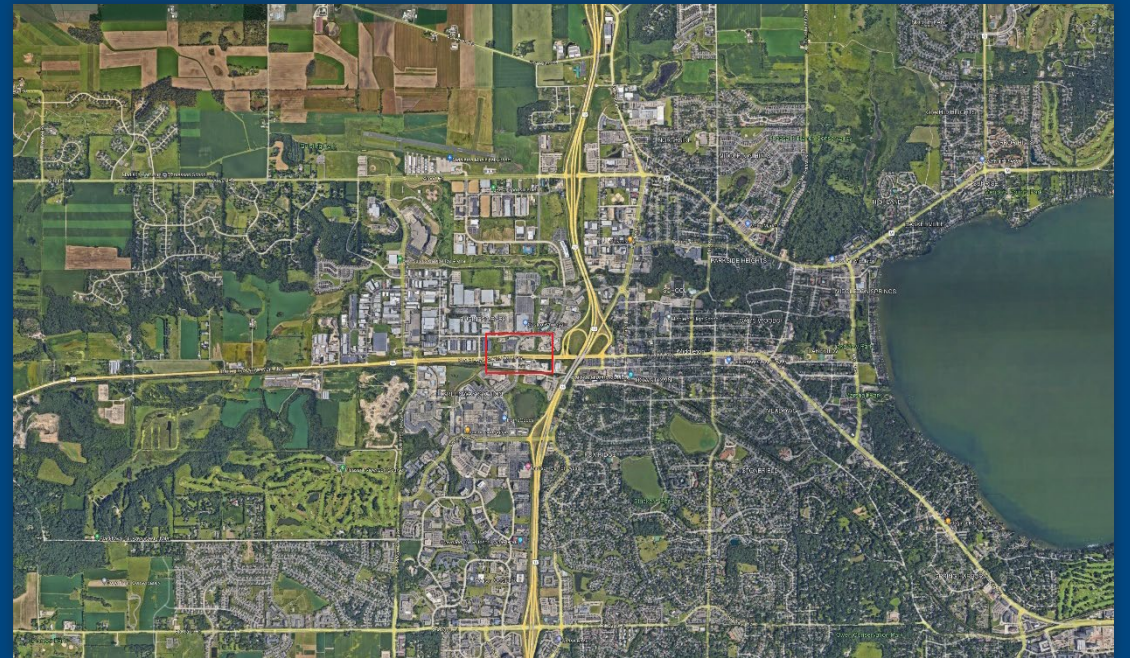
Project location

- Dane County
 - Intersection of USH 14 and Deming Way



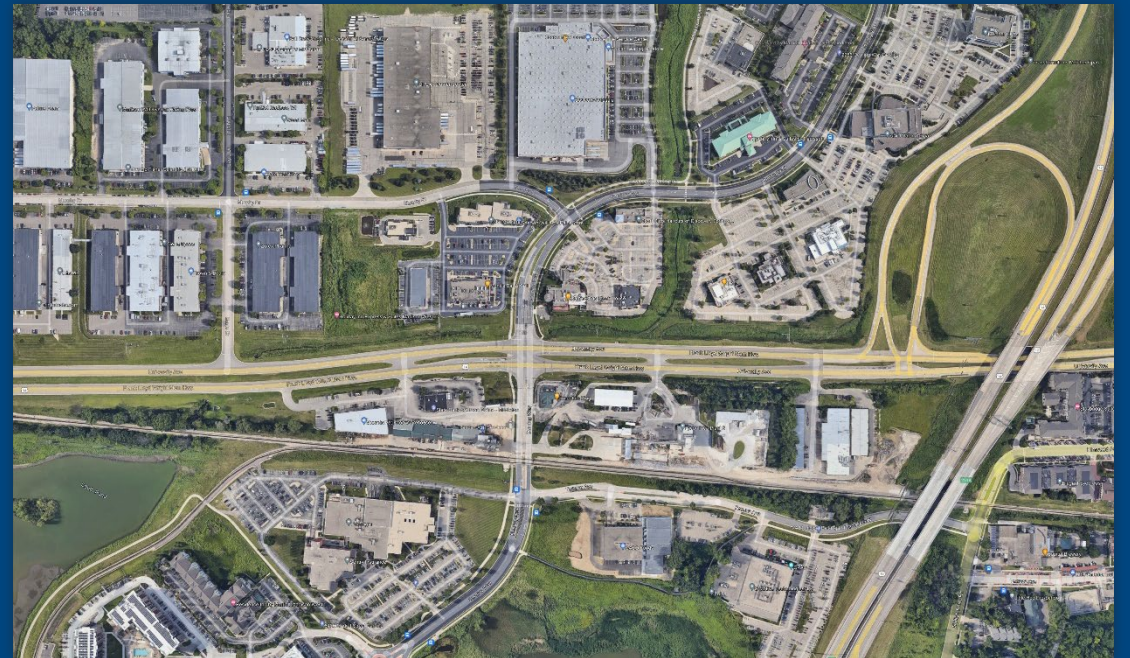
Project location

- Dane County
 - Intersection of USH 14 and Deming Way



Project location

- Dane County
 - Intersection of USH 14 and Deming Way



Project purpose & need

- High crash rate prior to June 2020
 - Lack of a protected left-turn-only phase (protected left-turn-only phase was added in June 2020).
 - Poor visibility for left turning traffic due to the negative offsets of the left turn lanes. Left turning vehicles obstruct the view of oncoming through traffic for left-turning vehicles on the opposite approach.



Highway Safety Improvement Program

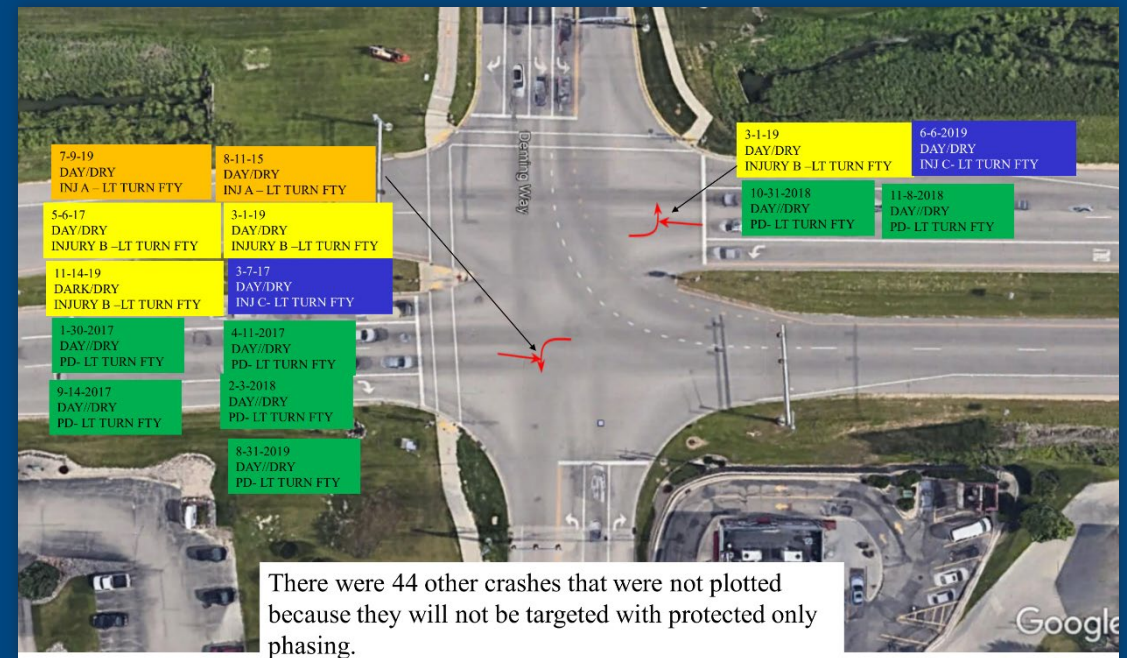
- What is it?
 - Program goal – achieve significant reduction in traffic fatalities and serious injuries on public roads
 - Requires data-driven, strategic approach to improve the safety of the road while maintaining performance for years to come
 - Federal-aid program that funds projects with quick timeframes and smaller budgets



Crash data

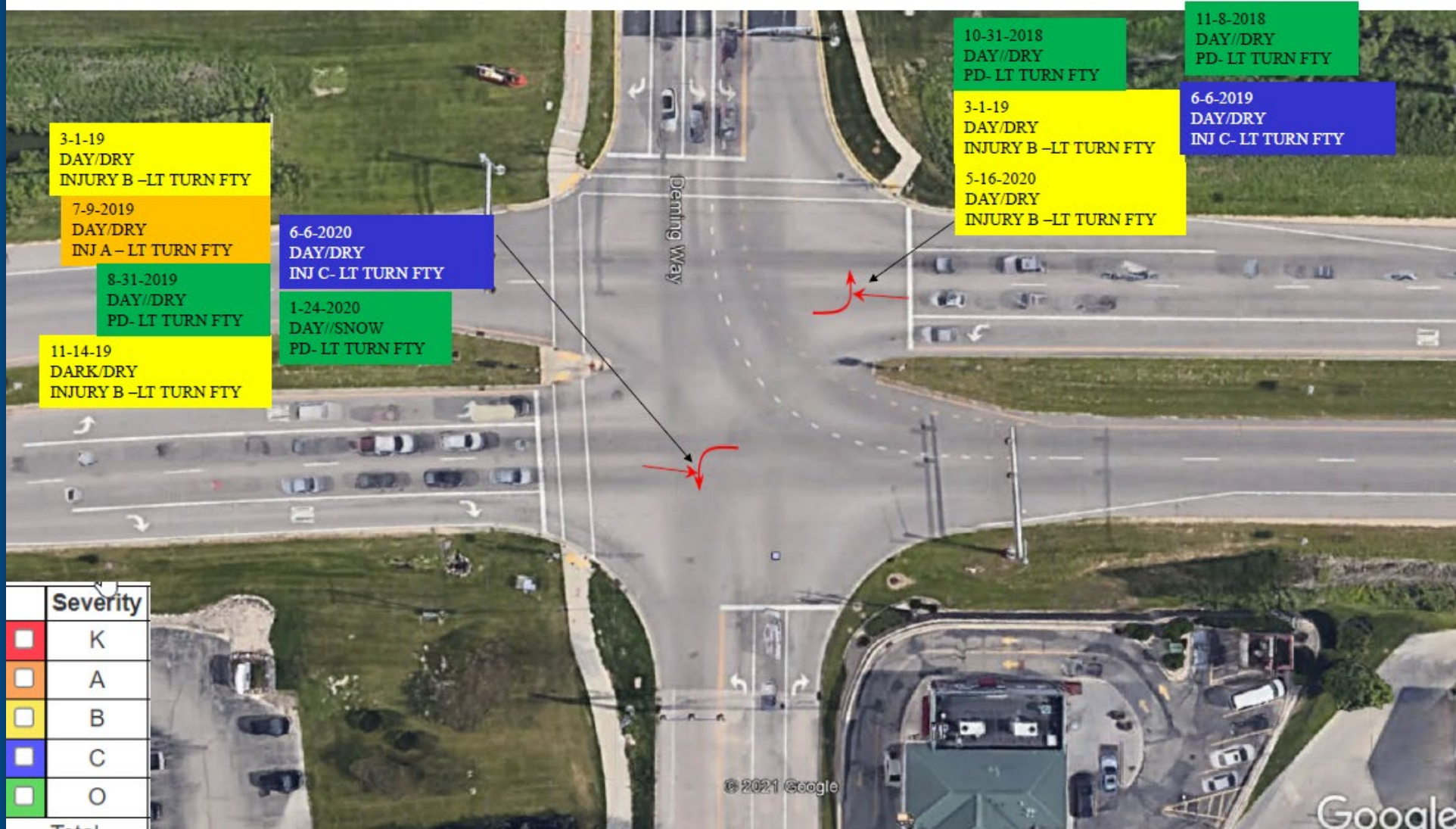
Intersection safety

- Project proposed to eliminate left turn crashes on US 14
 - Without protected only left turns, the left turners were failing to yield to oncoming vehicles
 - 15 permissive left turn crashes between 2015 and 2019
 - 8 injuries were recorded during this time



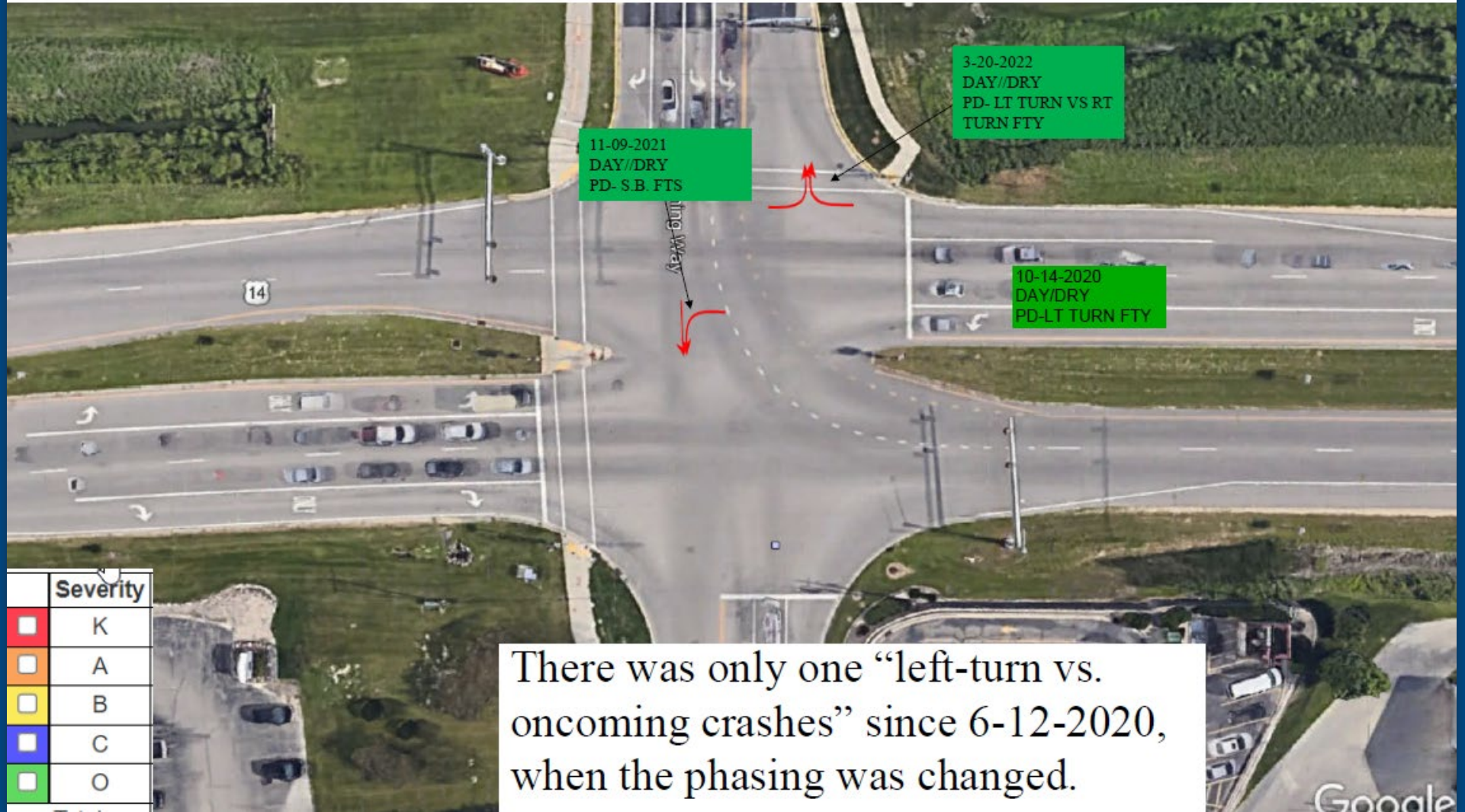
6-12-2018 to 6-12-2020

- There were 12 left turn crashes during the two years before signal was changed to protected only left turns.



- Left turn crashes for two years after signal changed to protected only left turns.

6-13-2020 to 6-13-2022



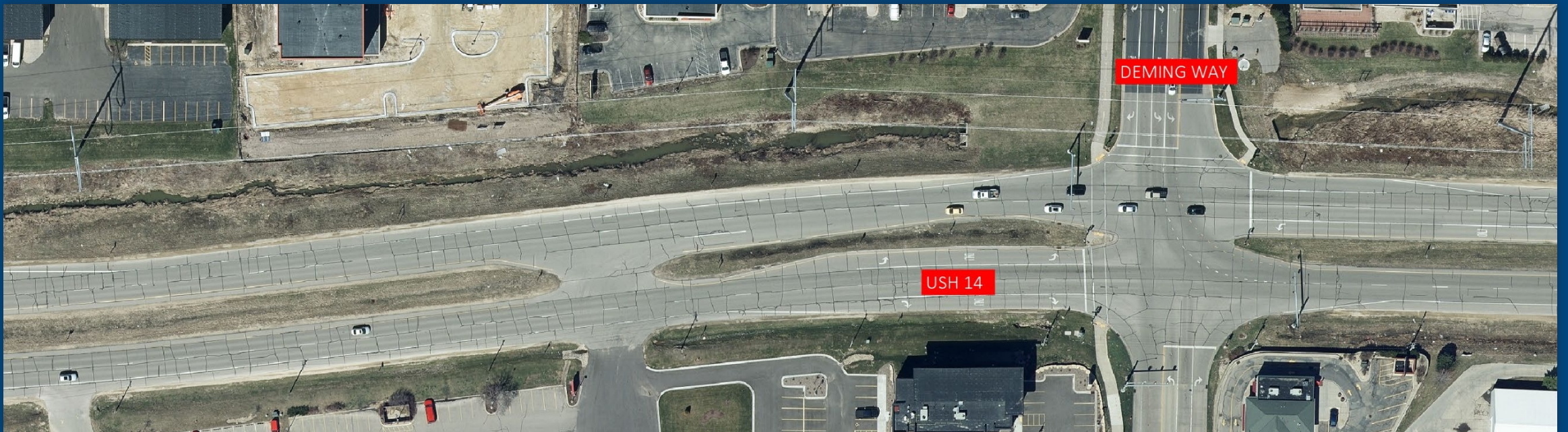
Proposed design overview

- Part of the proposed solution was already implemented. Signal phasing was changed to protected only left-turn signal phasing in June 2020
- Left turn lanes will be extended on US 14 and the north leg of Deming Way for additional left turn queue storage
- There is no opportunity to extend the left turn lane on the south leg of Deming Way
- Existing pedestrian curb ramps will be reconstructed to bring them up to ADA standards



Proposed design overview

Lengthen left turn lanes to accommodate new signal phases



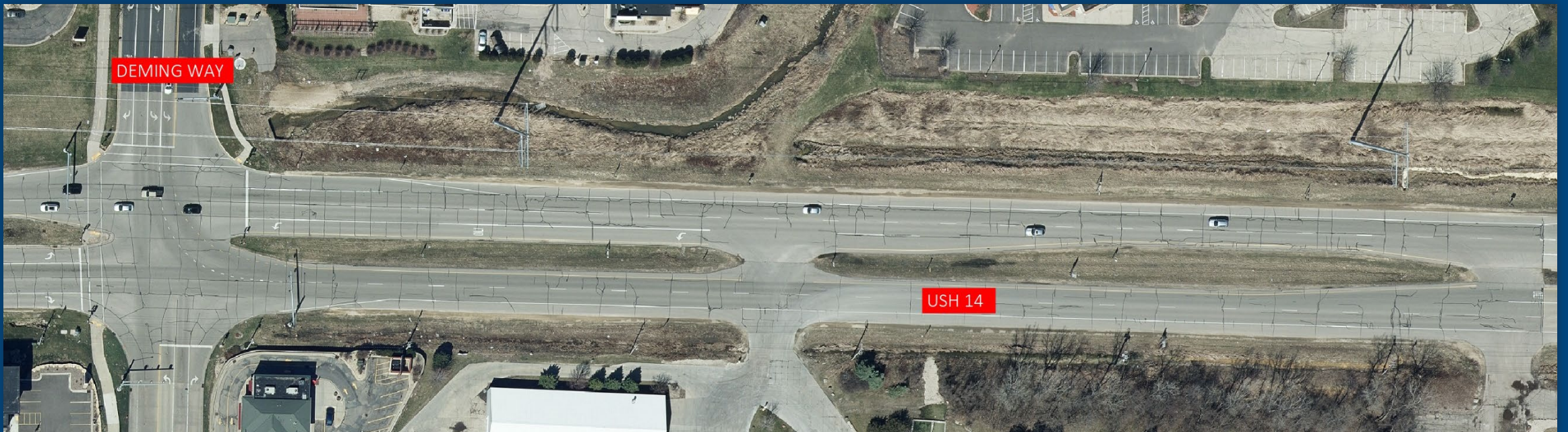
Proposed design overview

Lengthen left turn lanes to accommodate new signal phases



Proposed design overview

Lengthen left turn lanes to accommodate new signal phases



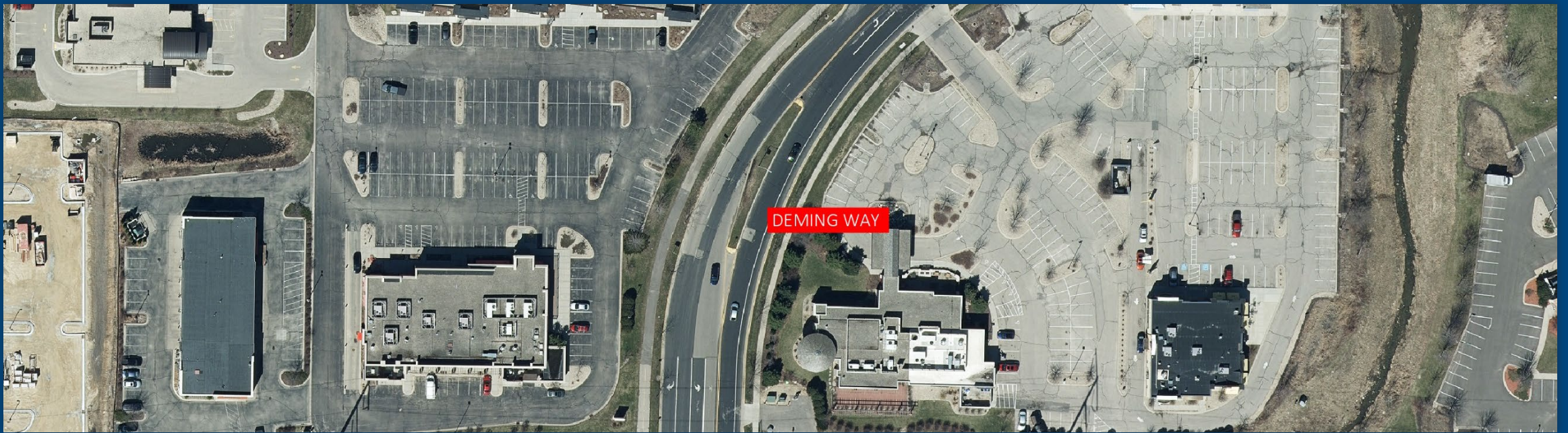
Proposed design overview

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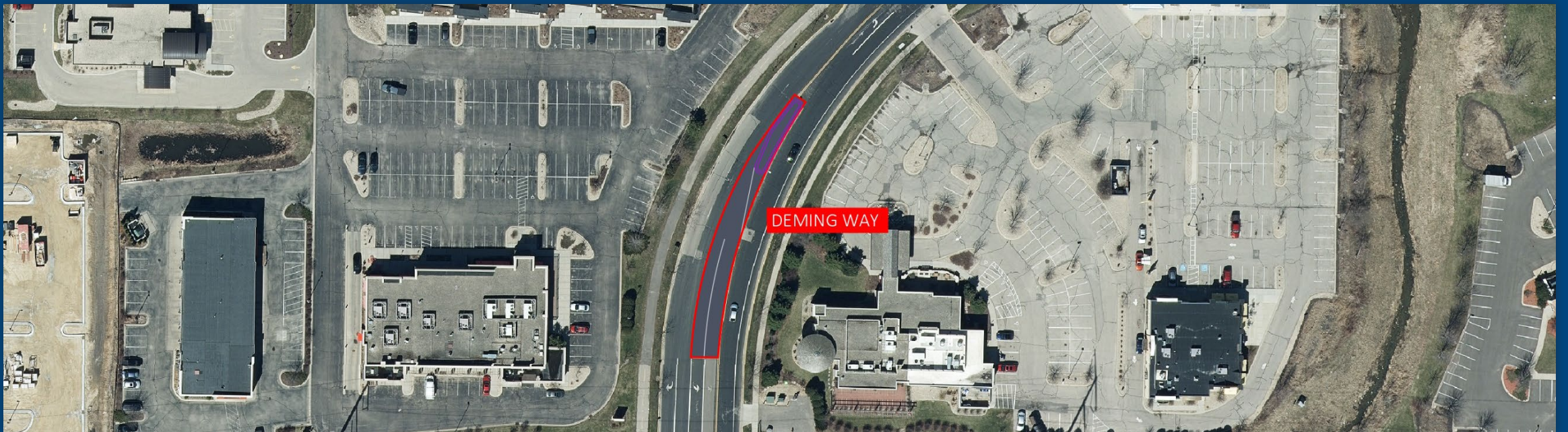
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Lengthen left turn lanes to accommodate new signal phases



Proposed design overview

Lengthen left turn lanes to accommodate new signal phases



Upcoming schedule

- Environmental report signed – Winter 2022
- 60% Plans – Winter 2022
- Final Plans – Fall 2023
- Construction – 2024



Thank you for your time

If you have any comments, questions, or concerns please
send us an email, give us a call, or send us mail at
2101 Wright Street, Madison, WI 53704



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