

# Public Information Meeting #1

## CTH F

Lindsay Road Intersection  
City of Pewaukee  
Project I.D. 2754-05-00



December 2, 2021

Welcome to today's public information meeting for the **County Trunk Highway (CTH) F at Lindsay Road intersection project** in the City of Pewaukee.

Here you'll meet representatives from Waukesha County for an overview of this intersection improvement project. We welcome your questions regarding the improvements being considered.

Please review the exhibits, ask questions, and share your comments, suggestions, or concerns with the project team members.

Written comments are appreciated. Please fill out a comment sheet and leave it with us today or return it via mail or email at the below address by December 24, 2021.

### History

The County Trunk Highway F (Redford Blvd) intersection with Lindsay Road in the City of Pewaukee has one of highest intersection collision rates along Waukesha County Trunk Highways. 31 crashes were reported here from January 2015 to June 2020 (5.5 years) for an average of 5.64 accidents per year. Ten of these crashes reported involved severe injuries. Both of these rates are significantly greater than both the statewide average and upper control limits for a multilane highway posted at 55MPH.

A significant majority of these 31 collisions at the CTH F/Lindsay Road intersection have been angular, caused by Lindsay Road vehicles failing to yield to CTH F traffic:

- 14 were caused by westbound Lindsay Rd vehicles hitting southbound CTH F vehicles

- Seven were caused by westbound Lindsay Rd vehicles hitting northbound CTH F vehicles
- Three were caused by eastbound Lindsay Rd vehicles hitting CTH F vehicles.

At this location there are no visibility restrictions, highway curves or hills. CTH F has a 55-MPH posted speed limit and Lindsay Road has a 35-MPH posted speed limit. Lindsay Road's 1,400 vehicles per day two-way traffic volume is growing with local business and residential development. However, this remains significantly less than the 22,500 vehicles per day two-way traffic on CTH F therefore a new traffic signal is not warranted at this intersection.

### Proposed

Modifying the existing CTH F/Lindsay Road intersection to a "Restricted Crossing U-Turn Intersection" (RCUT) is proposed for prohibiting left turns and thru traffic across CTH F from both eastbound and westbound Lindsay Road. This intersection's safety improvement include:

1. Add a raised median island along CTH F at center of intersection. Configure it for allowing only left turns from northbound and southbound CTH F.
2. Add raised islands at the eastbound and westbound approaches to intersection for requiring all Lindsay Road traffic to turn right only onto CTH F.
3. Modify the CTH F median 1,450-feet north of intersection for accommodating U-turns by all westbound Lindsay Road traffic seeking to go south along CTH F or to continue going west along Lindsay Road. Add paved area loon along west side of CTH F here for accommodating U-turns by trucks.
4. Modify the CTH F median 1,735-feet south of intersection for accommodating U-turns by all eastbound Lindsay Road traffic seeking to go



north along CTH F or to continue going east along Lindsay Road. Add paved area loon along east side of CTH F here for accommodating U-turns by trucks.

5. Add highway lights at this RCUT intersection as well as both U-turn areas.
6. Standard marked and signed crosswalks with sidewalks are part of this new RCUT intersection which will accommodate pedestrians and bicyclists crossing CTH F from new sidewalks along Lindsay Road.

### Funding Sources

#### Design and Construction

- 90% budget: Federal Highway Safety Improvement Program (HSIP)
- 10% budget: City of Pewaukee
- Over budget: City of Pewaukee 100%

#### Real estate

- 100% - City of Pewaukee

### Project Schedule

Winter 2021	Establish Improvements Layout
Spring 2022	Real Estate Acquisition
November 2022	Complete Design
Spring 2023	Public Information Meeting
Summer 2023	Construction

### Thank You

*Thank you for attending today's public information meeting. Waukesha County values your opinions and will take into account your comments as we continue designing the improvements in the coming weeks.*

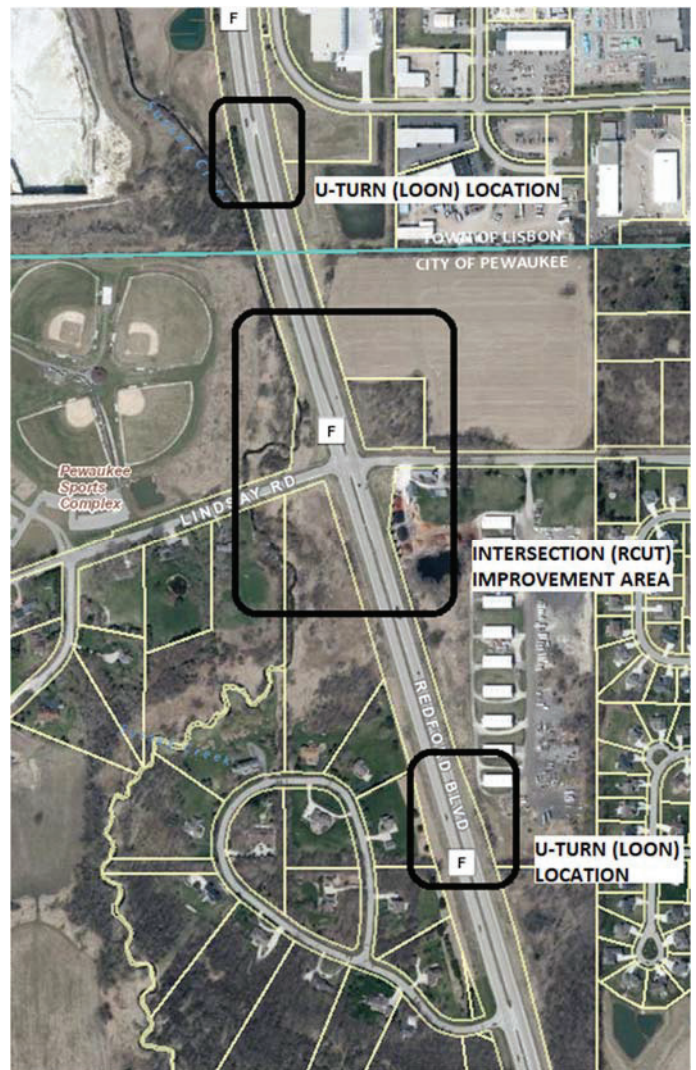


### Contact Project Managers:

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City of Pewaukee Director of Public Works  
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View meeting exhibits and more information:

[www.WaukeshaCounty.gov/RoadProjects](http://www.WaukeshaCounty.gov/RoadProjects)





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### CTH F

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### Project Purpose / Need / Alternatives Considered

#### PROJECT PURPOSE

1. Improve safety at this intersection by reducing the number of accidents.

#### PROJECT NEED

1. This intersection has one of the highest intersection crash rates along Waukesha County Highways.
  - a. 31 crashes were reported between January 2015 until June 2020 (5.5 years)
  - b. Ten accidents had injuries that were considered severe.
  - c. 24 out of 31 accidents were caused by traffic either taking a left turn from Lindsay Road or crossing CTH F on Lindsay Road.
2. Currently no pedestrian or bike accommodations exist on CTH F or Lindsay Road.

#### ALTERNATIVES CONSIDERED

1. Roundabout at CTH F & Lindsay Road
  - a. This alternative was found to be not feasible due to the large footprint of the roundabout
    - i. Large areas of wetlands would be affected
    - ii. More land acquisition would need to take place
2. Signalized Intersection
  - a. This alternative was found to be not warranted due to the limited traffic volume on Lindsay Road.
    - i. 22,500 vehicles per day on CTH F
    - ii. 1,400 vehicles per day on Lindsay Road
3. Do Nothing
  - a. This alternative was not selected because there is a definite need to improve the public safety and reduce accidents at this intersection.



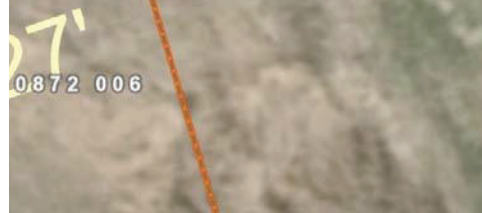
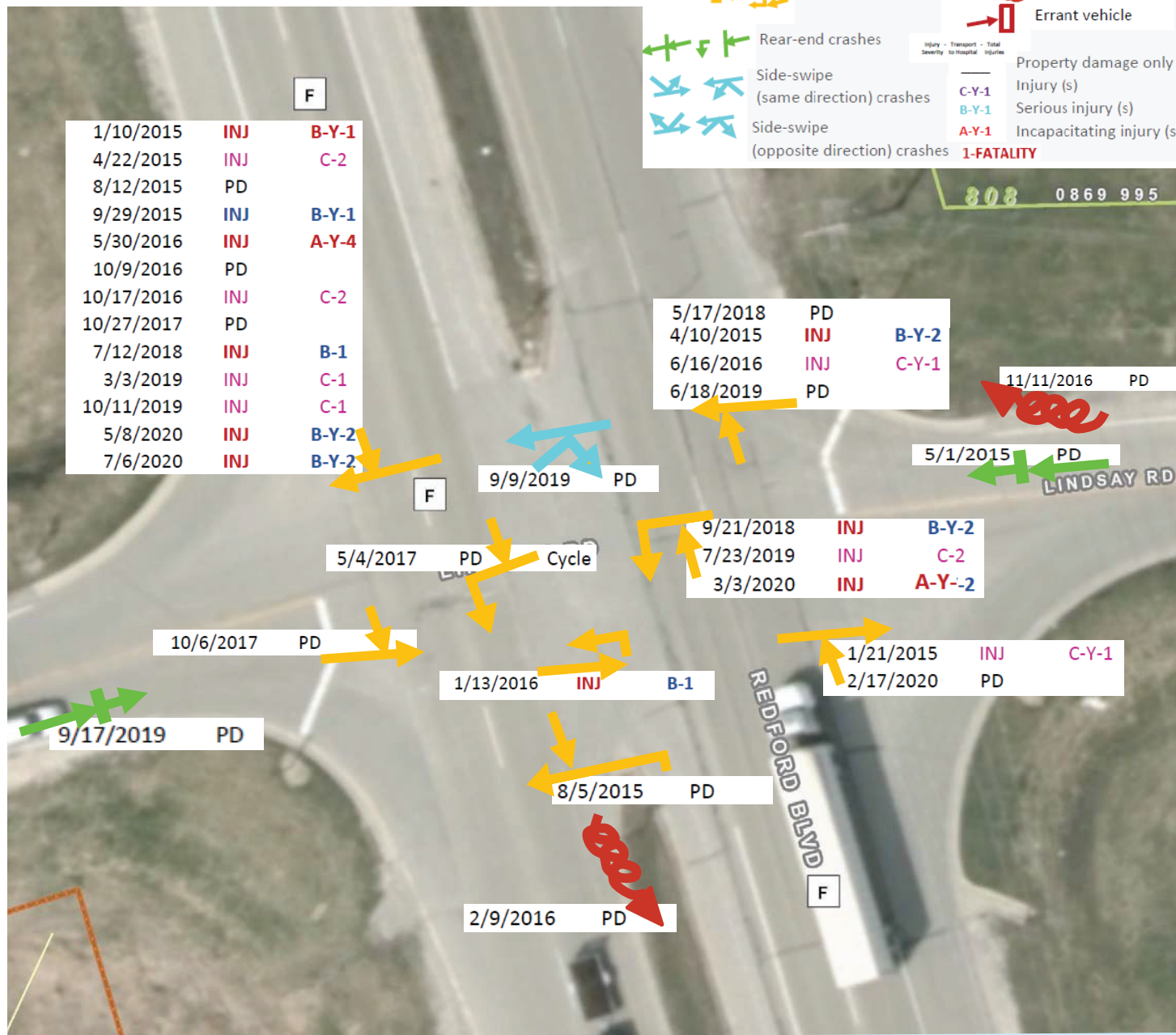


### CTH F - Lindsay Rd collision locations: Jan 2015 - June 2020

Angle crashes  
Rear-end crashes  
Side-swipe (same direction) crashes  
Side-swipe (opposite direction) crashes  
Head-on crashes  
Errant vehicle  
Property damage only  
Injury (s)  
Serious injury (s)  
Incapacitating injury (s)  
1-FATALITY

Injury - Transport - Total  
Severity to Hospital  
Injuries

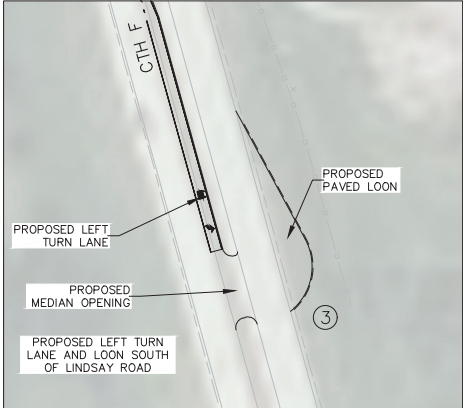
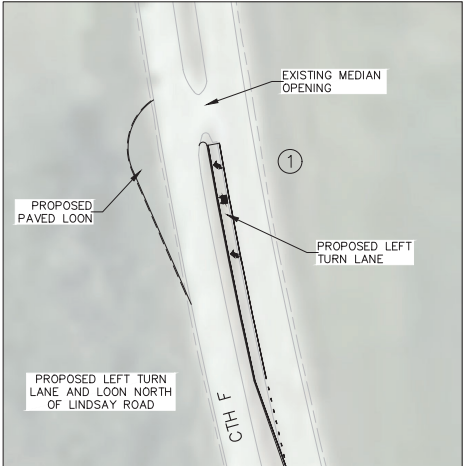
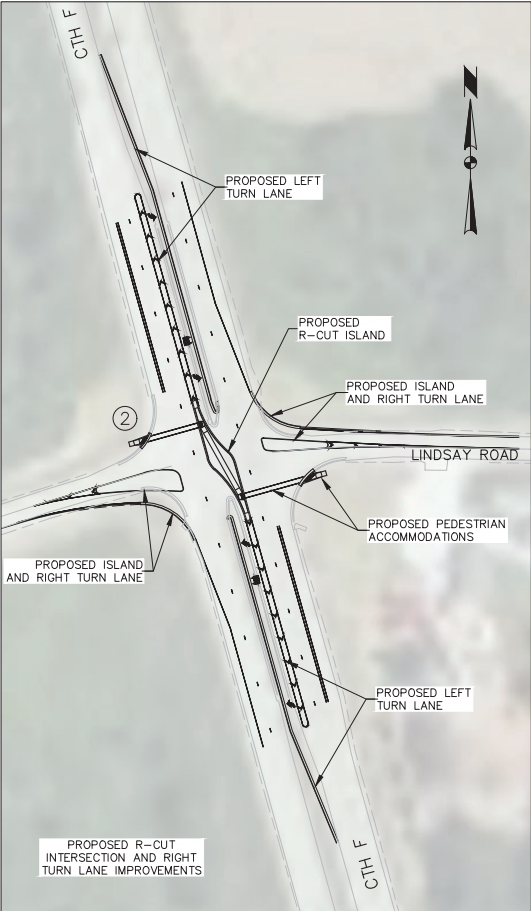
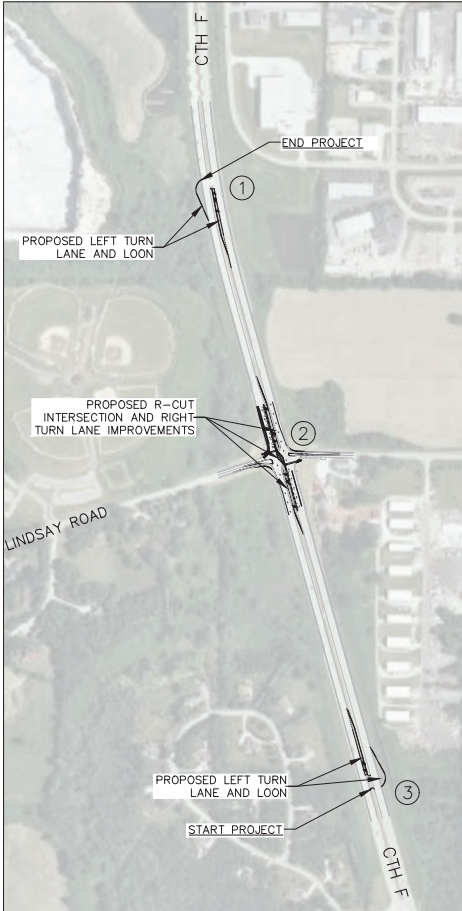
C-Y-1  
B-Y-1  
A-Y-1



**Intersection average crash rate**  
 = (Avg # of crashes \* 10<sup>6</sup>)/(365\*ADT)  
 = crashes/million vehicles entering intersection  
 ADT: 22,500 (CTH F) + 1,400 (Lindsay Rd)  
 = 23,900  
**Crash Rate: 6.461 per MEV**  
**% Fatal/Injury: 0.0 %**

Year	Crashes
2015	8
2016	7
2017	3
2018	3
2019	6
Jan-June 2020	4
<b>TOTAL</b>	<b>31</b>
Annual Average	5.64

# CTH F & LINDSAY ROAD R-CUT INTERSECTION PROJECT (12/2/21)



# CTH F & LINDSAY ROAD TURNING MOVEMENTS (12/2/21)

