

Wisconsin Dells Parkway (US 12) WIS 13 to E. Adam Street

WisDOT Southwest Region

Public Involvement Meeting #1
Village of Lake Delton & City of Wisconsin Dells, Sauk County, WI

December 14, 2021



Meeting Agenda

- Project Background
- Project Limits & Definition
 - Safety Assessment
 - Highway Safety Improvement Project Components
- Purpose & Need
- Study Alternatives & Project Improvements
- Project Schedule
- Newsletter & Database
- Outreach Opportunities
- Project Contacts
- Question & Answers



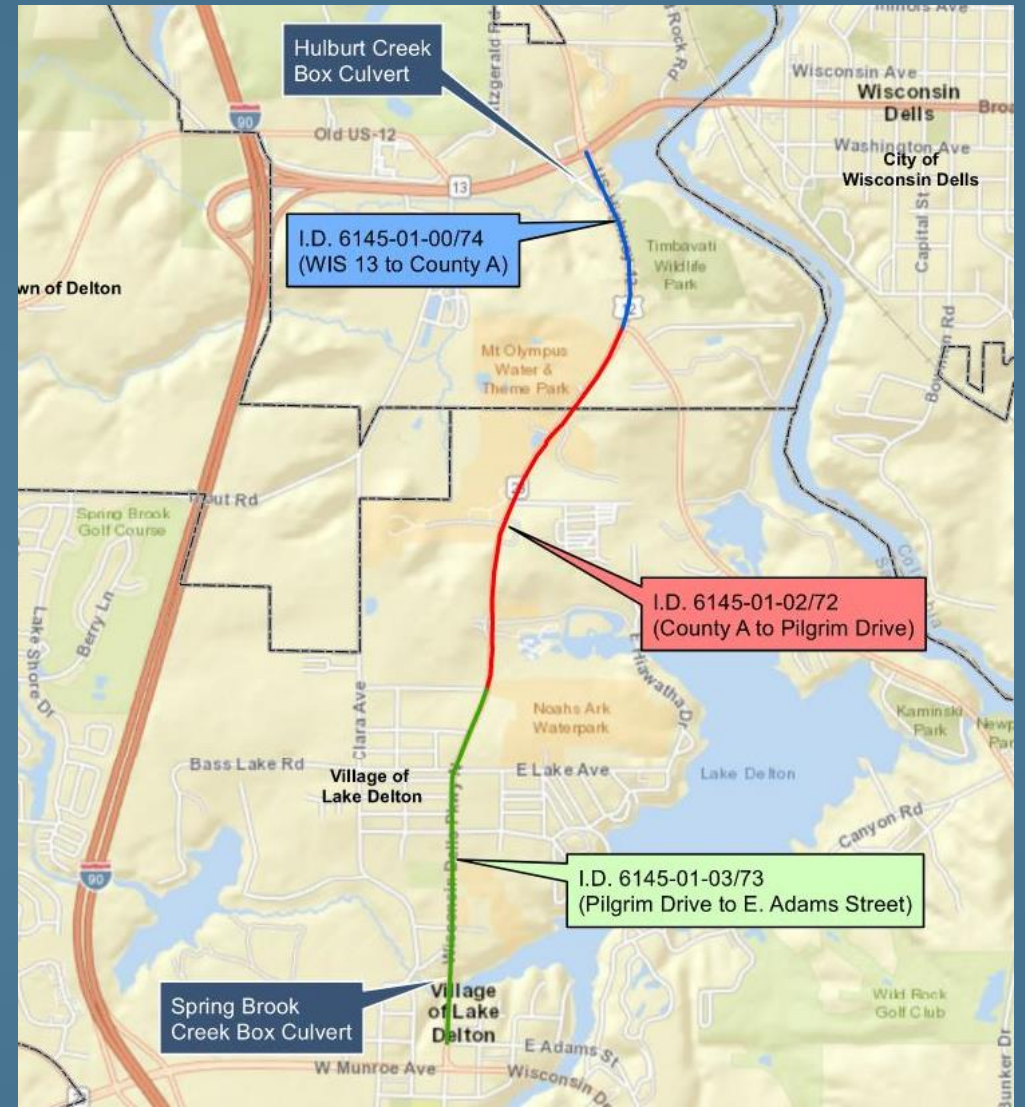
Project Background

- 2011 Corridor Study 2011
 - Impacts of study alternatives too severe or costly for advancement
 - Business relocations and real estate impacts, (\$44-\$61 M)
 - 2016 – Study activity halted
- 2021 Project Kick-Off
 - WisDOT prepared application and secured funding for County A to E. Adams Street through the FHWA Highway Safety Improvement Program (HSIP)
 - Application outlined strategy for improving safety along the corridor



Project Limits & Definition

- Project I.D. 6145-01-00/74
 - WIS 13 to County A
 - Built in conjunction with (tied to) project 6145-01-72
- Project I.D. 6145-01-02/72 (HSIP)
 - County A to Pilgrim Drive
- Project I.D. 6145-01-03/73 (HSIP)
 - Pilgrim Drive to E. Adams St.



Safety Assessment

US 12 is 4-lane undivided, with high driveway density

- In summer, when weekend traffic often exceeds 30,000 VPD, rear-end crashes become the dominant crash pattern, accounting for approx. 50% of crashes
- Under heavy traffic, every stopped left-turn generates a queue, requiring all trailing vehicles to change lanes



Safety Assessment

314 Crashes, 2016-2020

Type

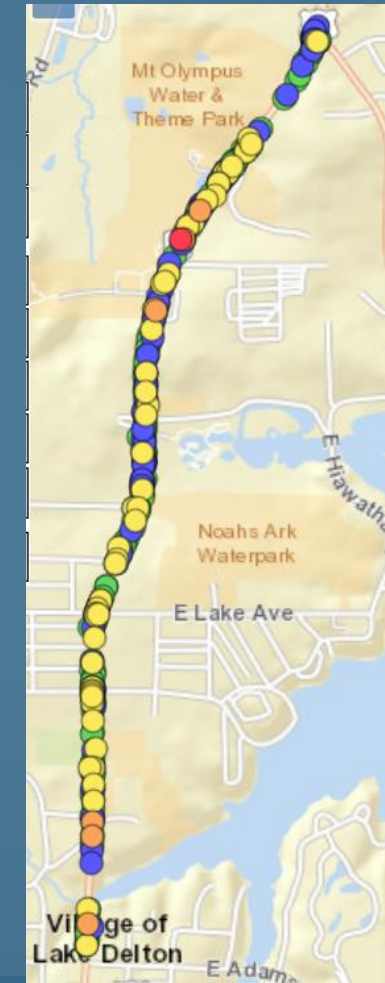
- 65 angle crashes (incl. bikes & peds)
- 162 rear end crashes (19 intersection/143 non-intersection)
- 43 sideswipe
- 11 head on/sideswipe opposite
- 33 single vehicle

Severity

- 1 fatal (9/2020)
- 6 injury A's
- 61 injury B's
- 60 injury C's
- 186 PDO's

Location

- 62 intersection crashes
- 252 non-intersection crashes



HSIP Project Components

- 5-lane roadway with Two Way Left Turn Lane (TWLTL) from County A to East Durkee Street
 - 4 (ten foot) through lanes separated by an 11-foot TWLTL
- Signal improvements at County A and at Lake Avenue
 - Monotubes and flashing yellow arrows
 - Left-turn lane modifications
- Shared use path
 - County A to Bonanza Drive on the west side of the road
- Evaluate driveways
 - Currently there are \approx 110 private access points for \approx 60 businesses



Project Purpose and Need

- Purpose

- The purpose of the proposed improvements is to address safety concerns; accommodate current and future traffic demand; improve traffic operations and mobility on the roadway; manage access; preserve the local business/tourism environment; and improve bicycle and pedestrian travel.

- Need

- The roadway serves a variety of users and is an essential transportation link in the area and is nearing the end of its serviceable pavement life. The roadway has deteriorated pavement, suffers significant congestion during the summer vacation season, accommodates multi-modal traffic in a limited manner, and is experiencing a crash rate that is at least twice the statewide average, including pedestrian and bicycle related collisions.

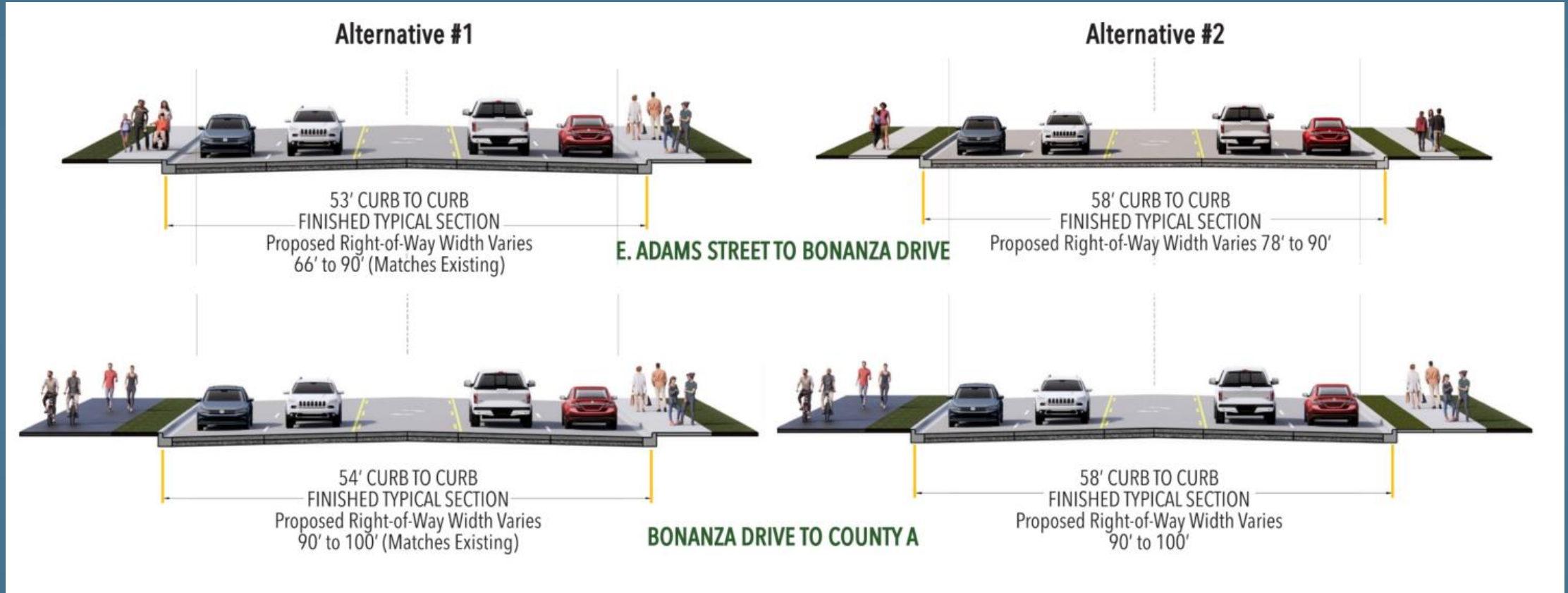


Planned Improvements: Pavement Condition

- Replacement of the roadway pavement from WIS 13 to County A.
 - New roadway pavement and curb & gutter
 - Median section to remain
 - Shift of southbound lanes to the east to allow for new sidewalk on west side
 - Minimal to no real estate anticipated
- Reconstruction of the roadway as a 5-lane facility with a Two-Way-Left-Turn-Lane (TWLTL) from County A to E. Adams Street.
 - Two alternatives under study, right-of-way impacts alternative dependant
 - Public utilities are considering relocating underground and the Village is considering lighting upgrades for the roadway corridor.



Study Alternatives: E. Adams St to County A



Planned Improvements: Safety & Operations

- Bicycle & Pedestrian Improvements
 - Shared use path will be constructed between County A to Bonanza Drive on the west side of the roadway.
 - New sidewalk may be added to the west side of US 12 from County A to WIS 13.
- Access Management Strategies
 - Removal of driveway/curb cuts that do not serve a business or residence
 - Eliminate/combine access on parcels with multiple driveways
 - Eliminate/combine access between parcels where shared access is possible
 - Eliminate direct access where reasonable alternative access exists to a side street



Project Components: Safety & Operations

- Signal improvements at County A & Lake Avenue
 - Monotubes and flashing yellow arrows
 - Left-turn lane modifications.
- Pedestrian crossing
 - Raised pedestrian islands to be added mid-crossing
 - Rectangular Rapid Flashing Beacons (RRFB's) under consideration
- Potential new roadway connection – Olympus Drive
 - Village of Lake Delton studying a new roadway connecting Clara Avenue to US 12.



Olympus Drive Planning

- Village of Lake Delton in coordination with Mt. Olympus
- Location just north of B-Lux Grill & Bar
- Traffic Impact Analysis Study for review by WisDOT
 - Proposed traffic signal at US 12 to potentially replace existing HAWK signal
 - Intersection construction prior to or included with US 12 project (2025)



US 12 Project Improvement Highlights

- Estimated 52% reduction in non-intersection crashes
- Pavement, curb & gutter replaced
- No business buyouts
- Real estate acquisition alternative dependent, but looking to minimize impacts to US 12 property owners
- Removes left-turners from traffic
- Pedestrian refuge islands constructed to provide two-stage pedestrian crossings at existing HAWK locations
- New roadway with construction to take place outside the summer peak period, over a 2-year span



Project Schedule

— I.D. 6145-01-00/74
— I.D. 6145-01-02/72
— I.D. 6145-01-03/73

- PIM #1: Dec '21
- PIM #2: Spring '22
- Environmental Document Approval: Summer '22
- PIM #3: Fall '22
- Design Completion: 2024-25
- Possible Utility Work: 2024-25
- Construction: 2025-26

| | 2021 | 2022 | | | | 2023 | | | | 2024 | | | | 2025 | | | | 2026 | | | |
|--|------|------|--|--|--|------|--|--|--|------|--|--|--|------|--|--|--|------|--|--|--|
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| WIS 113 to E. Adams Street | | | | | | | | | | | | | | | | | | | | | |
| Public Involvement Meeting #1 | | | | | | | | | | | | | | | | | | | | | |
| Environmental Analysis | | | | | | | | | | | | | | | | | | | | | |
| Public Involvement Meeting #2 | | | | | | | | | | | | | | | | | | | | | |
| Preliminary Engineering & Design | | | | | | | | | | | | | | | | | | | | | |
| Public Involvement Meeting #3 | | | | | | | | | | | | | | | | | | | | | |
| WIS 13 to Pilgrim Dr. & Cnty A to Pilgrim Dr. | | | | | | | | | | | | | | | | | | | | | |
| Final Design & Right-of-Way Acquisition | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | |
| Pilgrim Drive to E. Adams Street | | | | | | | | | | | | | | | | | | | | | |
| Final Design & Right-of-Way Acquisition | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | |



Outreach Opportunities

- Exhibits posted to website on Wednesday, December 15th
 - <https://wisconsindot.gov/Pages/projects/by-region/sw/us12-dellspkwy/default.aspx>
- WisDOT will be available for 1-on-1 meetings with property owners to discuss individual concerns. 1-hour meeting windows are available
 - Wednesday, December 15th, 9:00 am – 1:00 pm
- Contact Mary Beth Pettit directly to schedule a meeting



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