

# WIS 23 Improvement Project

5245-02-02, 73

WIS 23

WIS 11– Mineral Point

County Shop Road to County Road F

Lafayette County

Public Involvement Meeting #2

November 15, 2016

5:30 p.m. to 7:30 p.m.



# Overview

- ▶ Project Location
- ▶ Project Needs
- ▶ Possible Alternatives
- ▶ Project Schedule
- ▶ Open House



# Project Location

## PROJECT MAP

PROJECT ID 5245-02-02  
WIS 11 - MINERAL POINT  
COUNTY SHOP ROAD TO MINERVA STREET  
WIS 23  
LAFAYETTE COUNTY  
CONSTRUCTION PROJECT IDS: 5245-02-73



# Existing Facility

- ▶ 0.82-mile roadway section
- ▶ Two-lane urban roadway
  - Parking lanes
  - Original concrete from 1966
- ▶ Residential Area
- ▶ Variable Land Terrain
- ▶ 66' wide right-of-way (typical)



# Project Needs

- ▶ Pavement Deterioration
- ▶ Substandard Roadway Features
- ▶ Pedestrian Accommodations
- ▶ Cul-de-Sac at Huntington Court (south) Intersection
- ▶ Utility Replacements
  - Water
  - Sanitary
  - Lighting
  - Storm Sewer

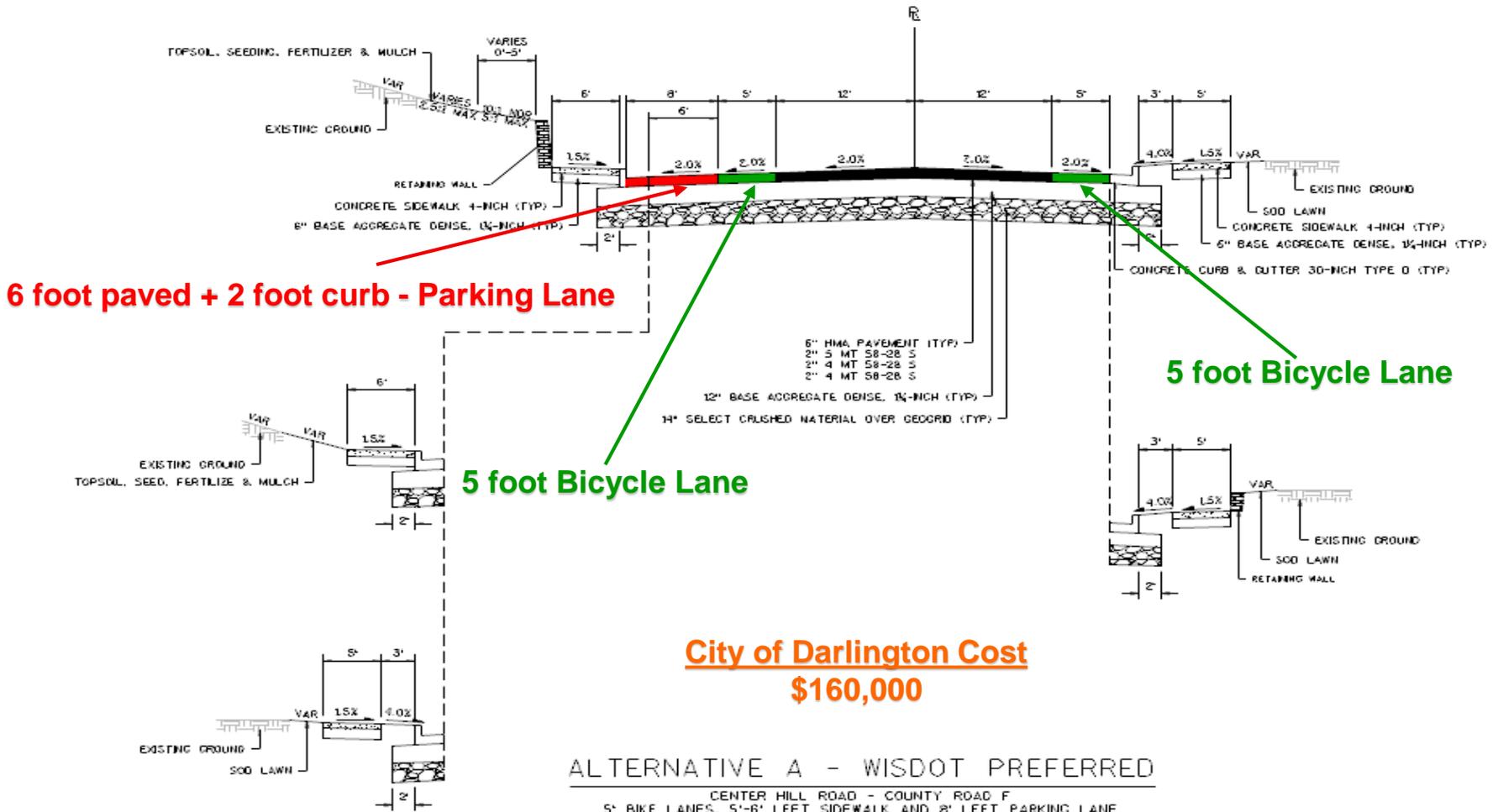


# Possible Alternatives

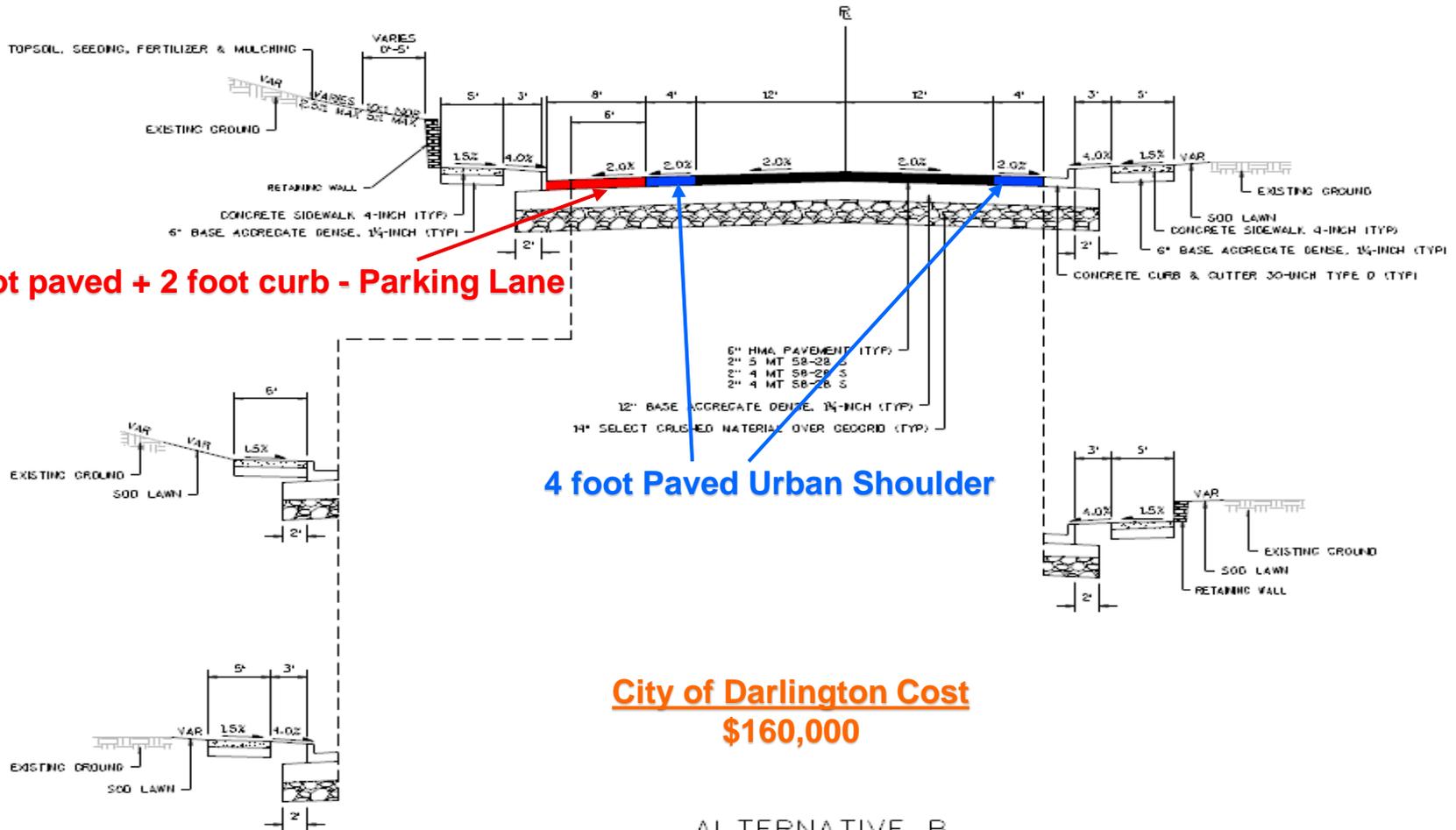
- ▶ Alternative A - WisDOT Preferred
  - One 8 foot parking lane and two bicycle lanes
  
- ▶ Alternative B
  - One 8 foot parking lane and no bicycle lanes
  - Paved urban shoulder
  
- ▶ Alternative C
  - Two 8 foot parking lanes and no bicycle lanes
  - Paved urban shoulder



# Alternative A – WisDOT Preferred



# Alternative B



**6 foot paved + 2 foot curb - Parking Lane**

**4 foot Paved Urban Shoulder**

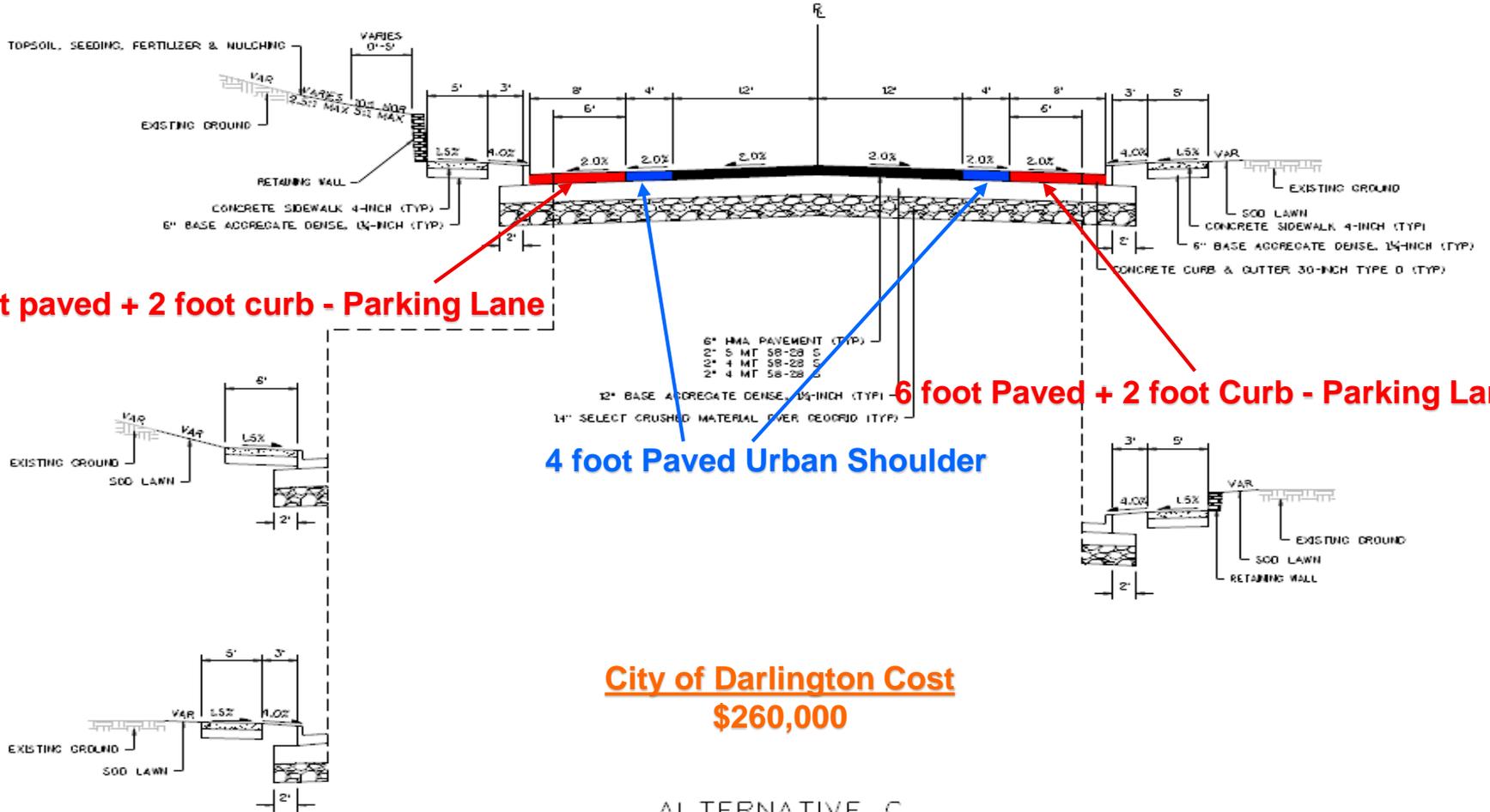
**City of Darlington Cost  
\$160,000**

## ALTERNATIVE B

CENTER HILL ROAD - COUNTY ROAD F  
NO BIKE LANES, 5'-6' LEFT SIDEWALK AND 8' LEFT PARKING LANE  
LANDING AREA BEHIND TOP OF RETAINING WALL



# Alternative C



6 foot paved + 2 foot curb - Parking Lane

6 foot Paved + 2 foot Curb - Parking Lane

4 foot Paved Urban Shoulder

**City of Darlington Cost**  
**\$260,000**

## ALTERNATIVE C

CENTER HILL ROAD - COUNTY ROAD F  
NO BIKE LANES, 5'-6' LEFT SIDEWALK AND 8' PARKING LANES  
LANDING AREA BEHIND TOP OF RETAINING WALL



# Possible Alternatives Summary

## ▶ City Cost Breakdown

- Alternative A – WisDOT Preferred - **\$160,000**
  - One 8 foot parking lane and two bicycle lanes
- Alternative B - **\$160,000**
  - One 8 foot parking lane and no bicycle lanes
- Alternative C - **\$260,000**
  - Two 8 foot parking lanes, no bicycle lanes
- City of Darlington responsible for 6 foot parking lane costs

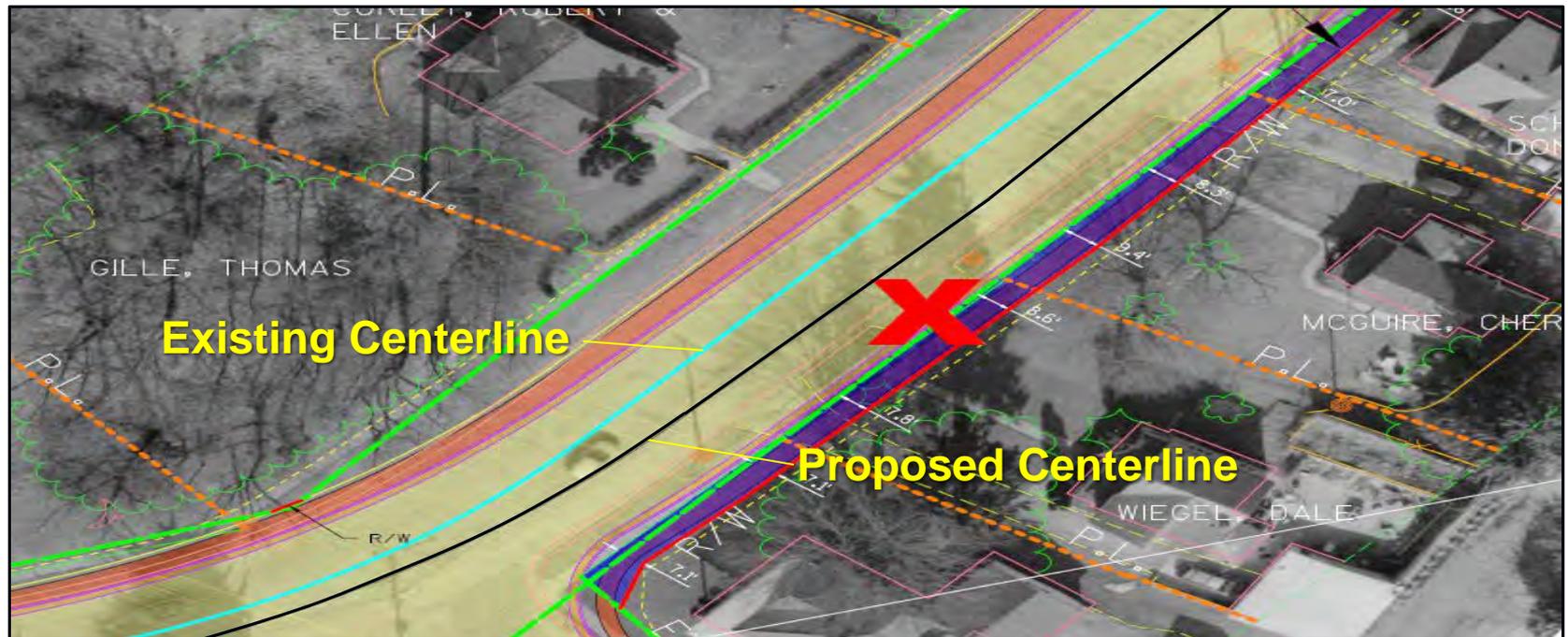


# Preferred WIS 23 Model

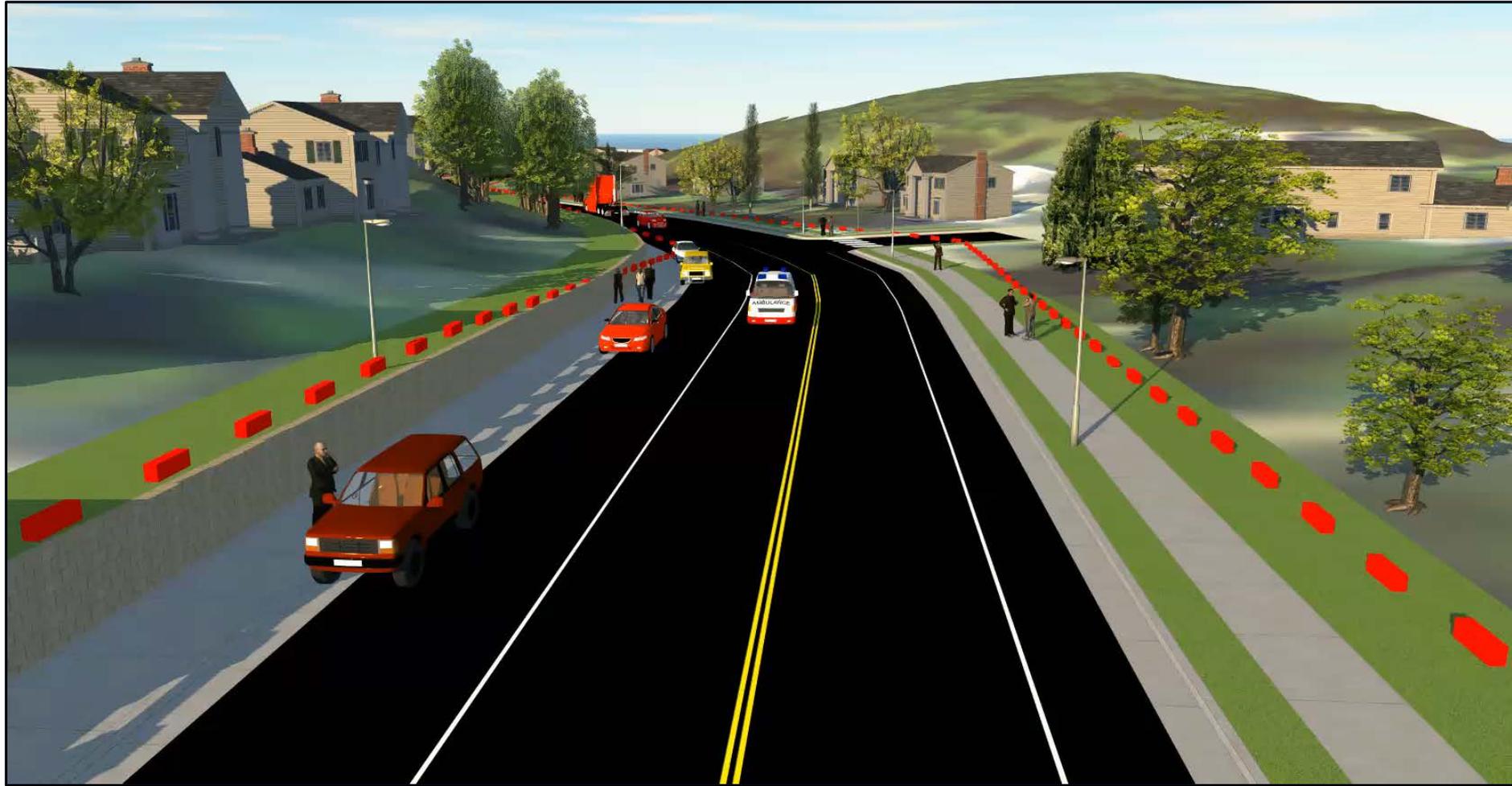


# Roadway Shift

- ▶ Existing Land Terrain
  - Steep west of WIS 23
  - Flat east of WIS 23



# On Existing Centerline Model



# Cost Analysis

## ▶ Roadway Shift

- **\$178,000**
  - 0.07 Acres Permanent Right-of-Way

## ▶ Existing Roadway

- **\$434,000**
  - 0.17 Acres Permanent Right-of-Way

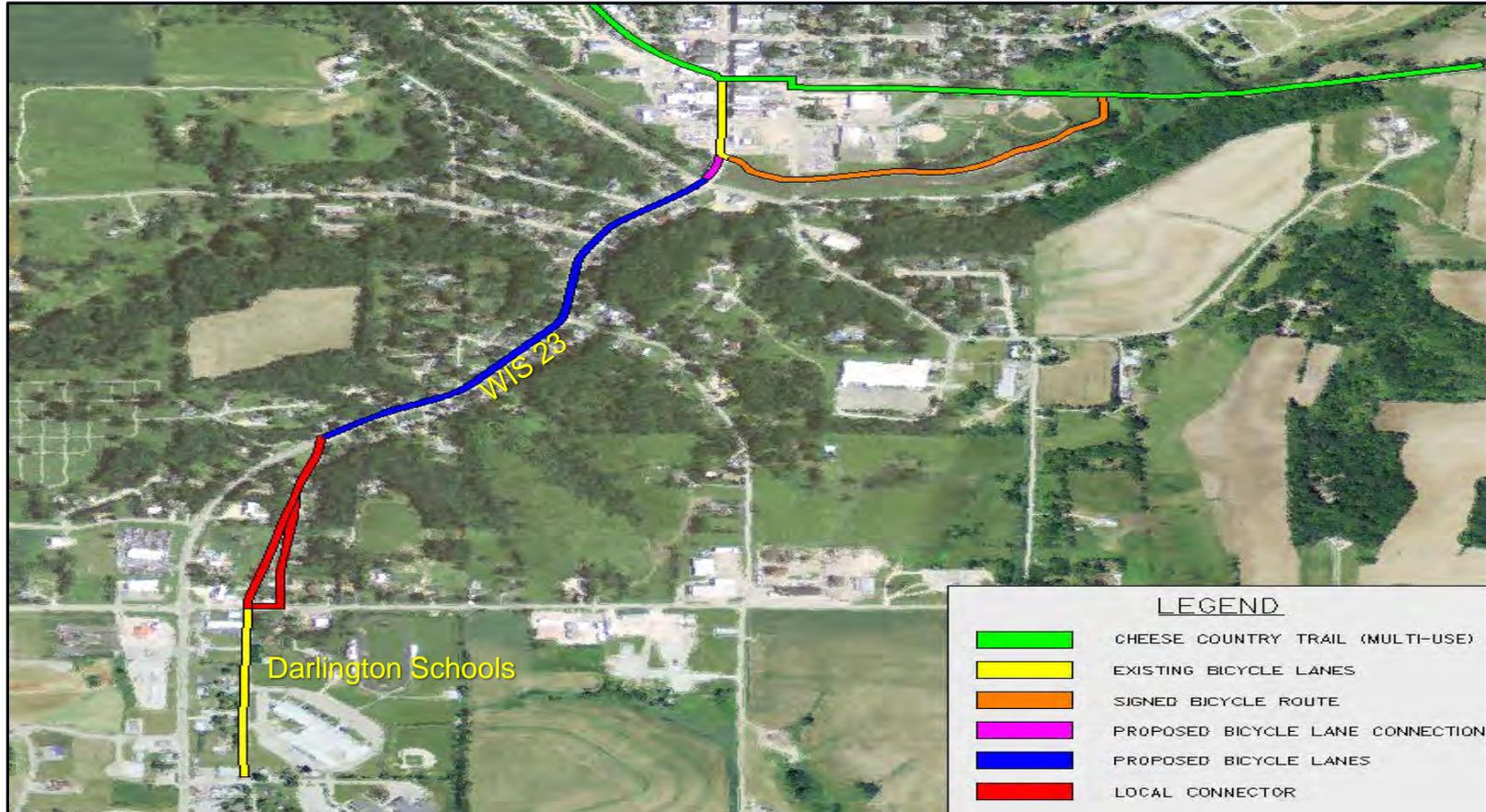
## ▶ Results

- Cost Savings - **\$256,000**
- Less Right-of-Way Impacts



# Bicycle Lanes

## ► Networks



# Bicycle Lanes

- ▶ State Statute 84.01(35)
  - Evaluation required
  - “Due consideration” given for accommodations
- ▶ Benefits
  - Increased Travel Area
    - Bicyclists, pedestrians and motorists
    - Additional width on the roadway
      - 20% of WIS 23 traffic: **Large vehicles**
  - Pedestrian Safety Improved
    - Bicyclists use lane vs. sidewalk
  - Emergency Vehicle Access Improved
    - Easier passing movements
  - Safer Connection
    - Downtown to Darlington Schools
- ▶ Costs to City of Darlington
  - **\$0**
  - Bicycle lanes included in WisDOT project costs



# Parking Lanes

- ▶ Parking Lanes
  - Permitted by the WisDOT
  - WIS 23 – West Side
    - Parking lanes remain
  - ▶ WIS 23 – East Side
    - Parking removed
  
- ▶ City of Darlington responsible for 6 foot parking lane costs\*\*



# Retaining Walls

## ▶ Preferred Wall Type



## ▶ Other Wall Type



# Project Schedule

- ▶ Public Involvement Meeting #1 May 2016
- ▶ Archeological Survey May 2016
- ▶ Historical Survey May 2016
- ▶ Hydrology Study May 2016
- ▶ Soil Testing Summer 2016
- ▶ Public Involvement Meeting #2 November 2016  
(South section only)
- ▶ Environmental Report Submittal Fall 2017
- ▶ Public Involvement Meeting #3 Fall 2017
- ▶ Survey, Plat Spring 2018
- ▶ Public Involvement Meeting #4 TBD
- ▶ Agency Scoping/Coordination Ongoing
- ▶ Final Plans May 2020
- ▶ Construction Summer 2021



# Input 'Dot' Exercise

STEP 1 – Place number on the map.

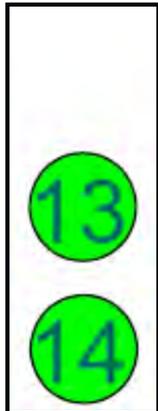
STEP 2 – Write number and comment on form and submit in comment box.



 **WIS 23 Project**  
County Shop Road to County Road F  
Lafayette County  
Input Form  
November 30, 2016

Place a numbered sticker on the map near the location for which you would like to comment. Write the sticker number in the box below, comment in the adjacent space and submit in comment box:

**3D Model Survey (please circle):**  
Were these 3D models and videos helpful?  
Yes No Undecided  
Did you like these 3D models and videos?  
Yes No Undecided  
Comments:



Place a numbered sticker on the map near the location for which you would like to comment. Write the sticker number in the box below and comment in the adjacent spaces:

12

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Please fill out survey and submit in comment box.



# Project Team

## ▶ WisDOT Project Development Supervisor

- Bill Strobel, PE



## ▶ WisDOT Project Manager

- Matt Dapp, PE



## ▶ Design Team

- James Rinzel



- Kyle Bartowitz



- Brad Groh, PE



- Dylan Douglas, PE



**Thank you for your time.**

**Please fill out a comment form,  
survey and place in comment  
box. If you have any questions  
or stop by and talk to us.**



