



Reichs Ford Road

Phase II Improvements



Community Meeting
Frederick County Public Safety Training Facility,
Room 117
November 19, 2025, 6:00 pm

Frederick County Division of Public Works
Dept. of Engineering and Construction Management
Office of Transportation Engineering



Project Team

Leo Miller – Frederick County Project Manager

Elbert Maravilla – Assistant Chief, Office of Transportation Engineering

Greenman-Pedersen, Inc. (GPI) – Engineering Consultants



Project Overview

- Improvements will address:
 - Roadway Alignment Deficiencies
 - Replacement and Upgrade of Two Temporary Bridges
 - Roadside Stream Stabilization and Cross Culvert Repair
 - Intersection Adjustments at Bartonsville Road
- This project is funded by County and Federal Grant Funds

Project History

Reichs Ford Road Phase I Improvements

- From Reels Mill Road to Bartonsville Road
 - ~1.9 miles long
 - Completed 2011

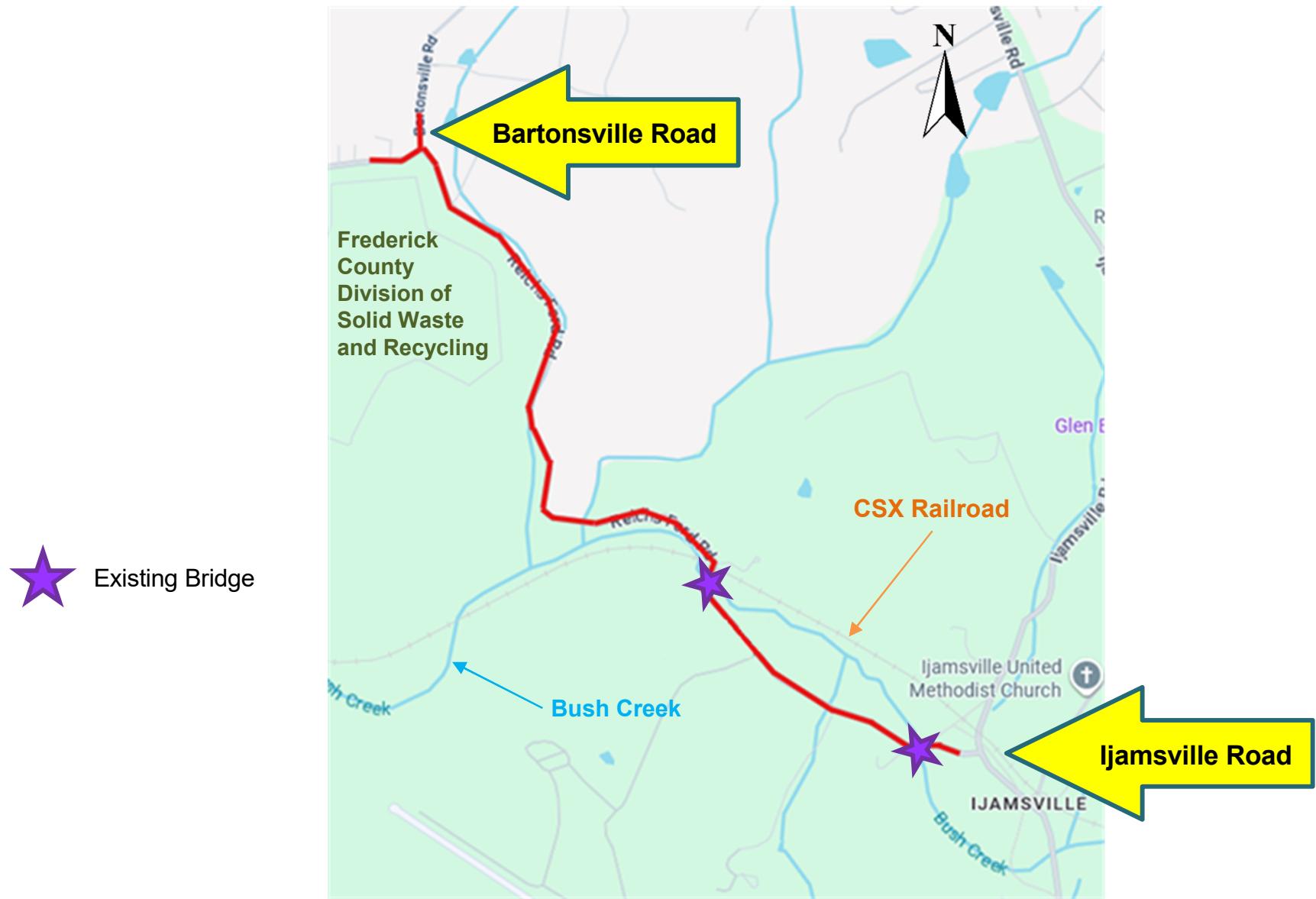
Improvement of Ijamsville Road and Bridge Over Bush Creek

- ~1.4 miles long
- Completed 2013

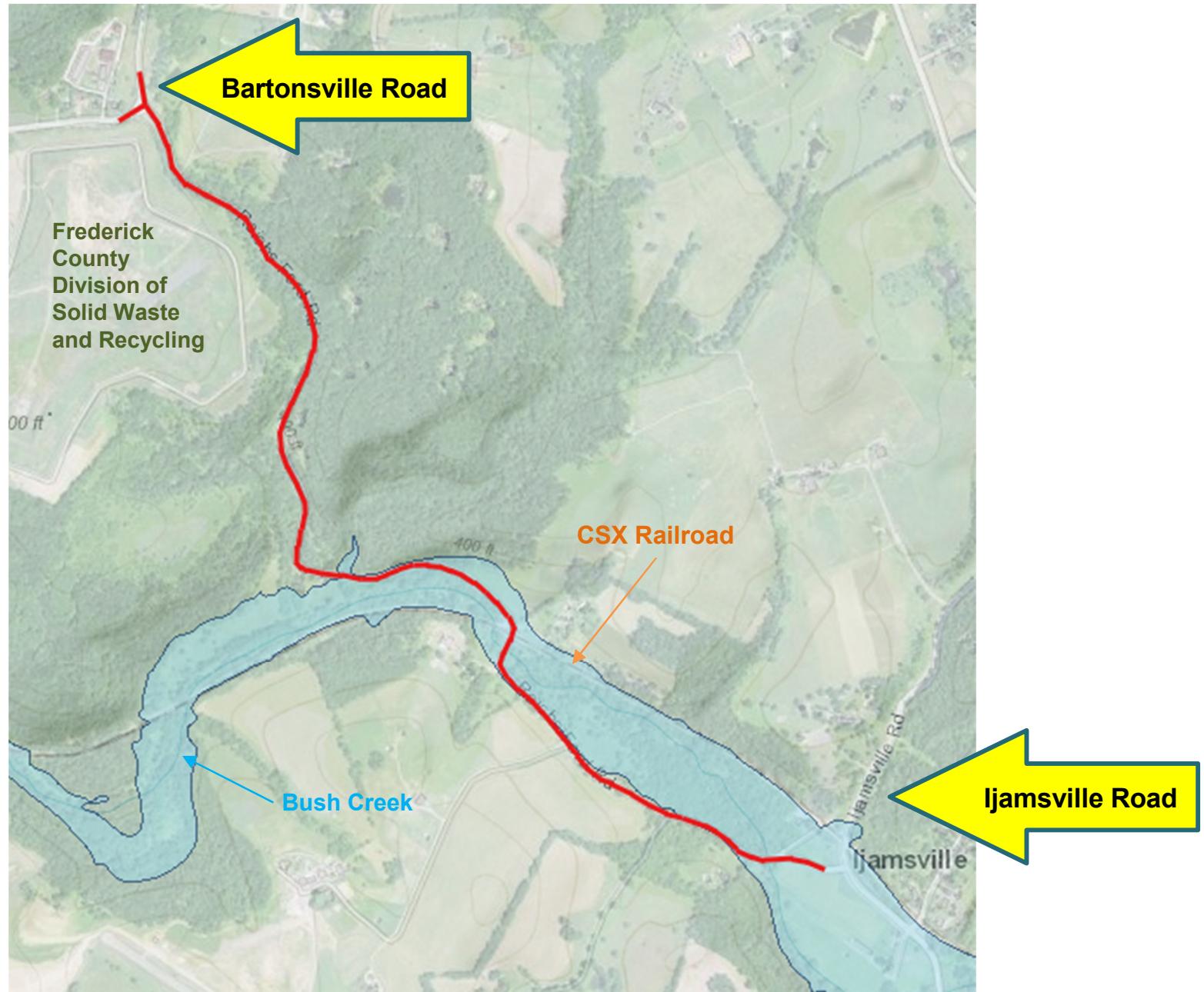


Reichs Ford Road

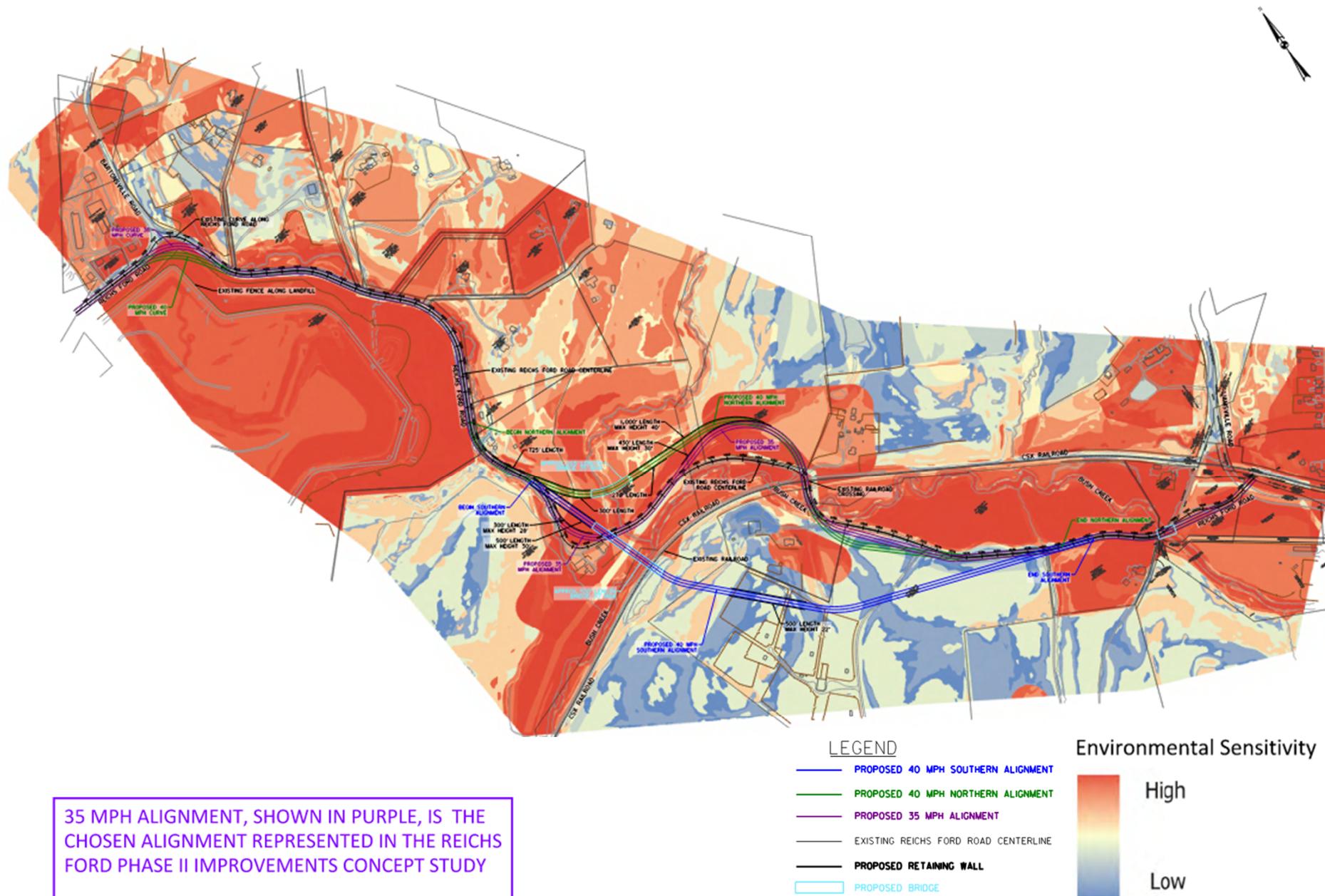
Phase II Project Limits



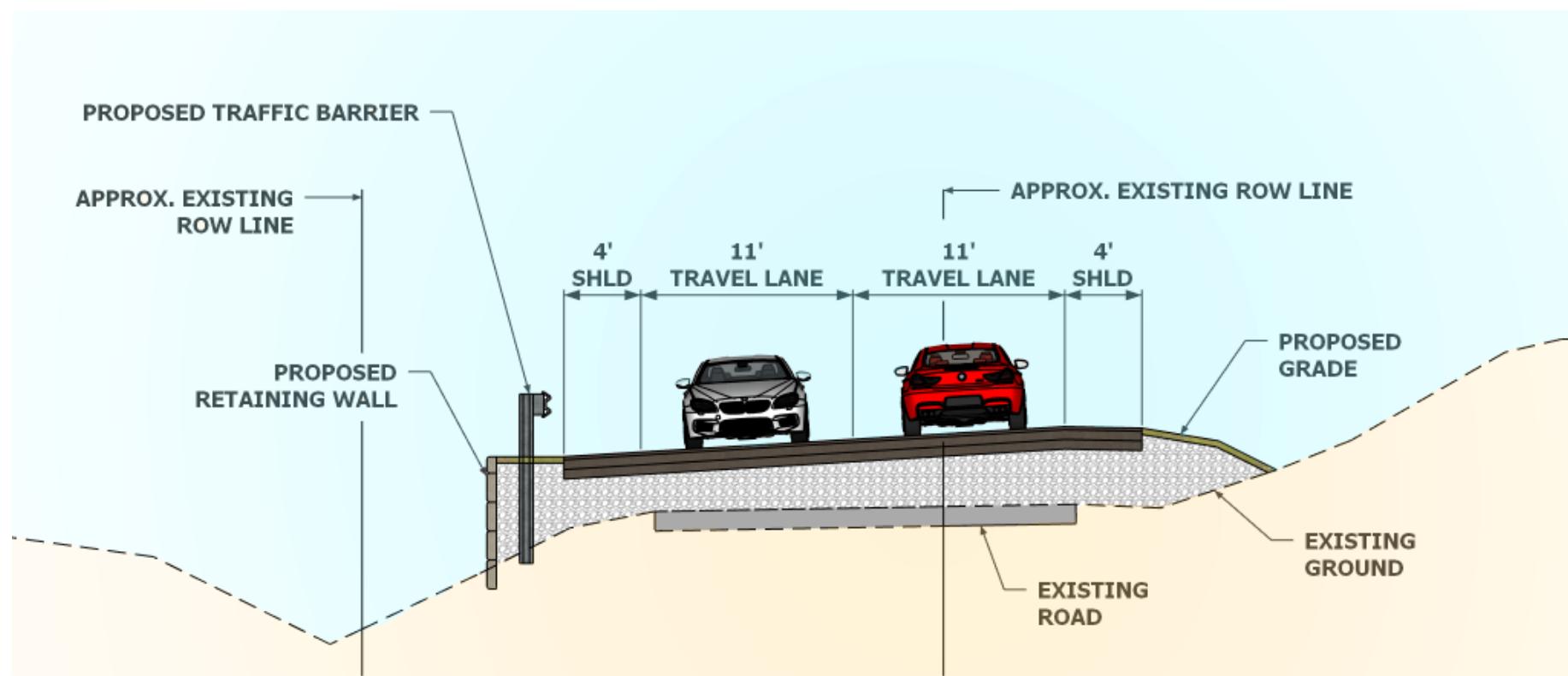
Existing Floodplain



Feasibility Study



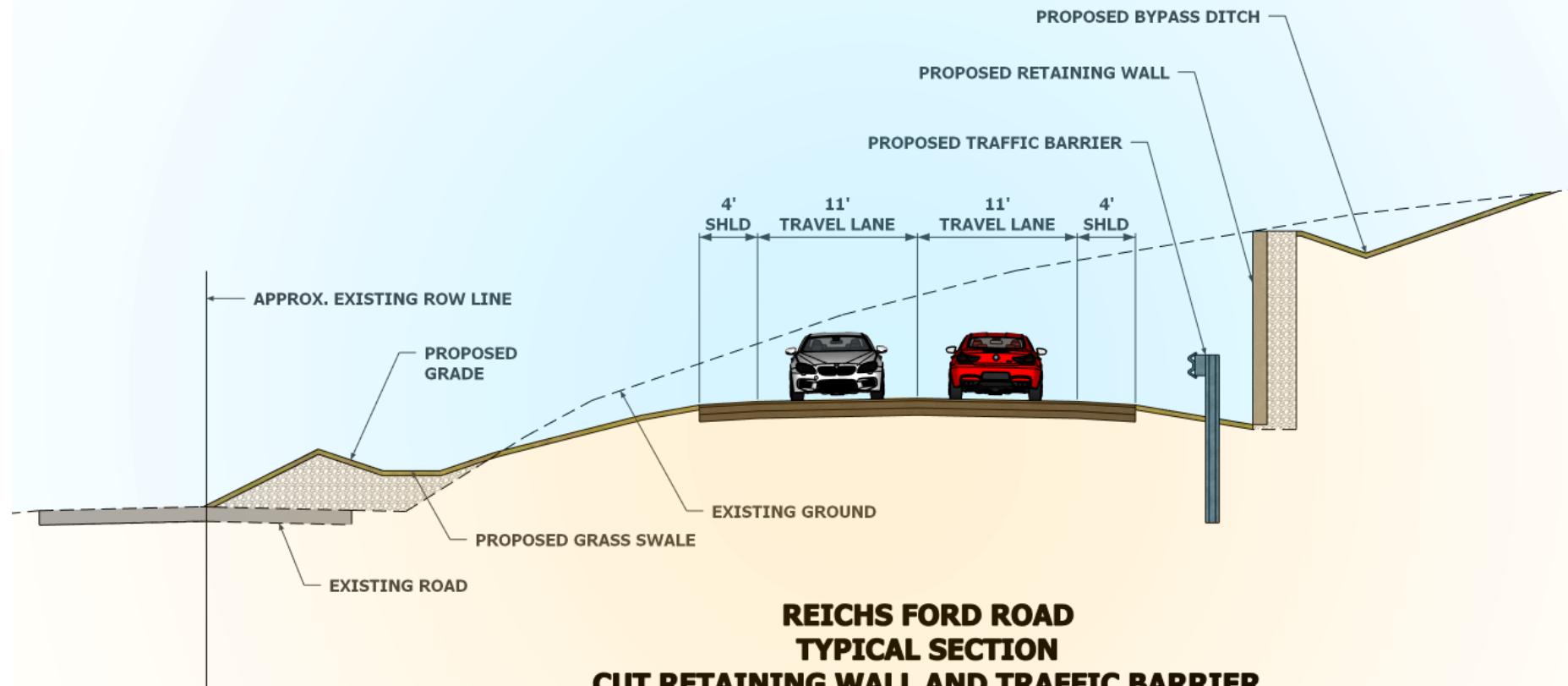
Typical Sections



**REICH'S FORD ROAD
TYPICAL SECTION
SUPERELEVATED WITH FILL RETAINING WALL**

- Two 11-foot-wide travel lanes
- 4-foot-wide paved shoulders
- Areas of roadside ditches
- Walls in fill and w-beam traffic barrier

Typical Sections



- Two 11-foot-wide travel lanes
- 4-foot-wide paved shoulders
- Areas of roadside ditches
- Retaining walls in cut sections

Roadway Design

- **Roadway Classification:** Collector
- **Posted Speed:** 30/35 mph
- **Design Speed Met Per Existing Geometry:** As low as 20 mph
- **Design Speed Met Per Proposed Alignment:** 35 mph



Structure Design

Bridge F-0707 – Near Railroad Crossing

Existing Bridge

- **Type:** Single Span Steel Acrow Truss
- **Age:** ~5 years
- **Length:** 90 ft
- **Width:** 14 ft
- **Restrictions:** 60,000 lb.



Existing Bridge

Proposed Bridge

- **Type:** Steel Girder Single Span with Cast-in-Place Concrete Deck
- **Length:** 100 ft
- **Width:** Total clear roadway width of 30 ft



Example of Proposed Bridge

Structure Design

Bridge F-0706 – Near Ijamsville Road

Existing Bridge

- **Type:** Single Span Steel Acrow Truss
- **Age:** ~50 years
- **Length:** 65 ft
- **Width:** 14 ft
- **Restrictions:** None Posted



Existing Bridge

Proposed Bridge

- **Type:** Steel Girder Single Span with Cast-in-Place Concrete Deck
- **Length:** 80 ft
- **Width:** Total clear roadway width of 30 ft



Example of Proposed Bridge

Drainage Design

- **Existing Conditions**

- 15 Roadway and 3 Driveway Culverts
- Deteriorating pipes and rusted inverts
- Sediment buildup and restricted flow

- **Proposed Improvements**

- Select culvert replacements and outfall stabilization
- Storm drain inlets and conveyance systems as needed
- Roadside ditches and bypass ditches
- Stormwater Management Facilities
- Roadside stream stabilization and potential realignment



Bartonsville Road Intersection Design

- **Existing Deficiencies**

- High Crash Location
- Limited sight distance and nighttime visibility
- Restrictive geometry



- **Proposed Improvements**

- Improve signage along Reichs Ford Road eastbound to notify of stop ahead
- Add intersection lighting to increase visibility at night
- Applying high-friction surface treatment at approach to stop sign
- Preliminary investigation and traffic study underway to consider other geometric changes at this intersection

Additional Design Considerations

- Maintenance of Traffic
- Railroad Crossing
- Property Impacts
- Environmental Permitting
- Utility Coordination
- Cultural Resources



Project Schedule

Study Phase

- **2024 - 2025**

Design Phase

- **2026 - 2029**

Construction Phase

- **2030 - 2032**





Questions

- We will now open the meeting for questions.
- Meeting minutes from this meeting, including comments and responses, will be uploaded to our website.

Thank you!

*For any further questions, please contact the Project Manager Leo Miller at
LMiller3@FrederickCountyMD.gov*