

OAK DRIVE / MD 27 SIDEWALKS ADDITIONS

PHASE 2 (NORTH)

AND

PHASE 3 (SOUTH)

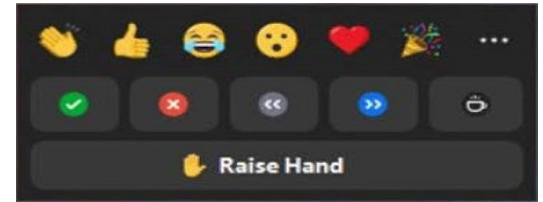
Public Meeting January 30, 2025



Hybrid Virtual Public Meeting

- Zoom Instructions

- Stay on mute
- Turn off camera to ensure adequate bandwidth.
- To ask a question
 - Click “Reactions” icon at the bottom your screen then click the “Raise Hand” button
 - If you’ve called in by phone, press *9 to raise your hand and *6 to unmute yourself



- Please note that this meeting is being recorded.

- The video will be posted on the project website after the meeting
- If you do not wish to have your voice or likeness recorded, please keep your camera off, and refrain from asking questions using the audio option. Instead, you can send your questions via the chat option.



Introduction

- **Montgomery County Department of Transportation DOT**
 - Rebecca Park, PE, Transportation Engineering Unit Manager
 - Kevin Minn, Project Manager
- **SHELADIA Associates, Inc.**
 - Moyassar Mohammed, PE, Engineer of Records, Project Manager
 - Norman Miksic, PE, Sr. Engineer, Assistant Project Manager
 - Francisco Ramirez, EIT, Civil and Structural Engineer





Outline

- Project Purpose
- Project Background
- Project Overview
- Design Considerations
- Project Cost Estimate
- Project Schedule
- Questions & Answers



Project Purpose



- **Phase 2:** Extends from northern intersection at Oak Drive to the existing sidewalk near Damascus High School
- **Phase 3:** Extends from the southern intersection at Oak Drive to the existing sidewalk near Ridge Landing Place
- Provide continuous and safe pedestrian access to existing sidewalks
- Identify additional safety improvement needs



Project Overview



- Scope of study:
- Master Plan recommendation
 - Damascus Master Plan (2006)
 - Montgomery County Bicycle Master Plan (November 2018)
- Project Scope and Design
 - Phase 1: (Oak Drive) was designed in 2020 and constructed in 2022
 - Phase 2 and Phase 3 (MD 27- Ridge Rd) Preliminary (35%) Design was completed in Fall 2024.
- Funded for final design and construction



Project Overview

We Are Here



Planning & Conceptual Engineering
(Facility Planning Phase 1)

- Existing Condition
- Purpose and Need
- Conceptual Alternatives
- Traffic Analysis
- Conceptual Impacts & Costs



**Council Identifies
Recommended
Alternatives**



Preliminary Engineering
(Facility Planning Phase 2)

- Topography survey and Geotechnical
- Right-of-way
- 35% Design
- Environmental Assessment
- Scope, Schedule, Cost Estimate



Final Design



Construction



Existing Conditions

- Ridge Road (MD 27) – State owned road, two-lane with average width of 11 to 12 feet, 6 to 8 feet shoulder/no-safe bike lane
- Right of Way width: varies 40' to 140'
- 40 Miles Per Hour speed limit
- Sidewalk exists intermittently
 - Discontinuous sidewalk
 - Lack of crosswalk
 - Substandard shoulder to accommodate existing signed on-road bike lanes
- Zoning: Mixed use



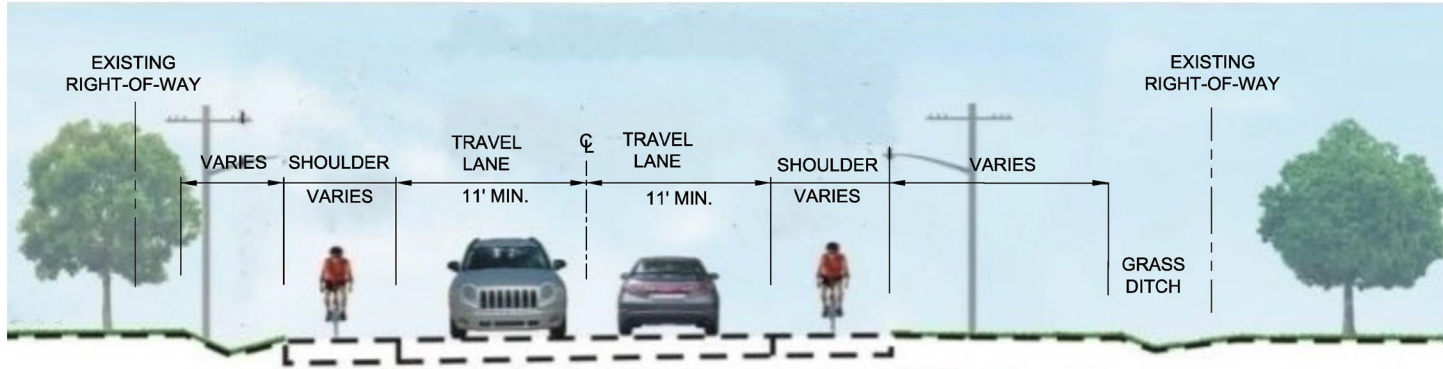
Design Considerations



- Roadway Category – Country Connector according to Complete Street Design Guideline (CSDG)
- Target Speed – 40 mph
- Travel Lane – 11 feet (min.)
- Sidewalk
- Safety – All users (Peds, including cyclists of all age and most importantly students, drivers)
- Retaining walls to minimize steep slopes that impacts to adjacent properties
- Stormwater Management
- Utilities
- Landscaping
- Drainage

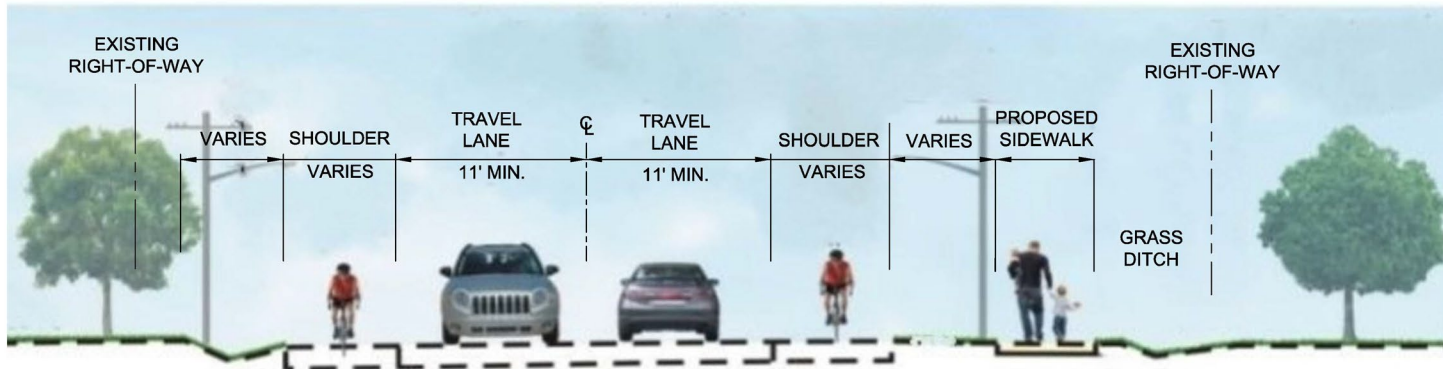


RIDGE ROAD (MD 27) NORTH – TYPICAL SECTIONS



**EXISTING CONDITION SECTION -
RIDGE ROAD (MD 27) NORTH**

NOT TO SCALE

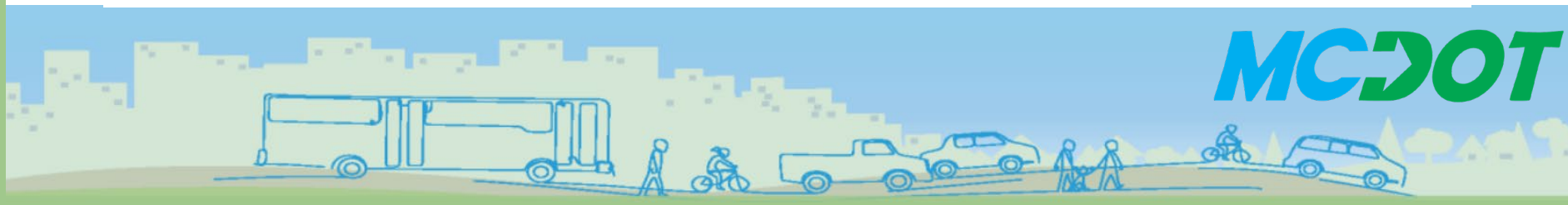
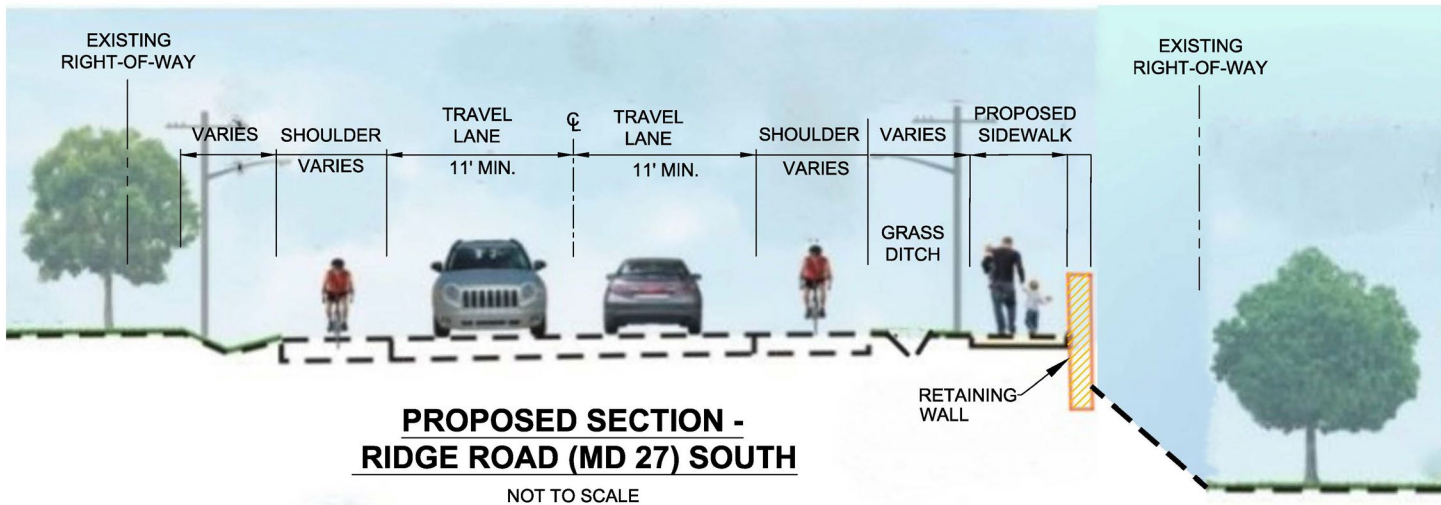
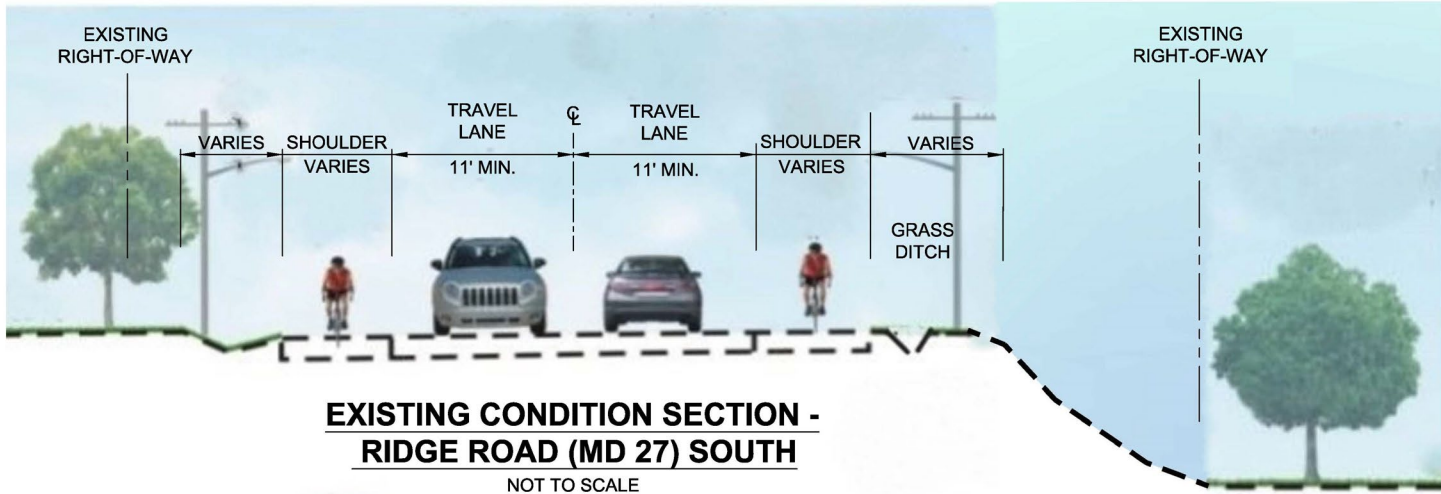


**PROPOSED SECTION -
RIDGE ROAD (MD 27) NORTH**

NOT TO SCALE



RIDGE ROAD (MD 27) SOUTH – TYPICAL SECTION



**N
O
R
T
H

1
O
f
2**

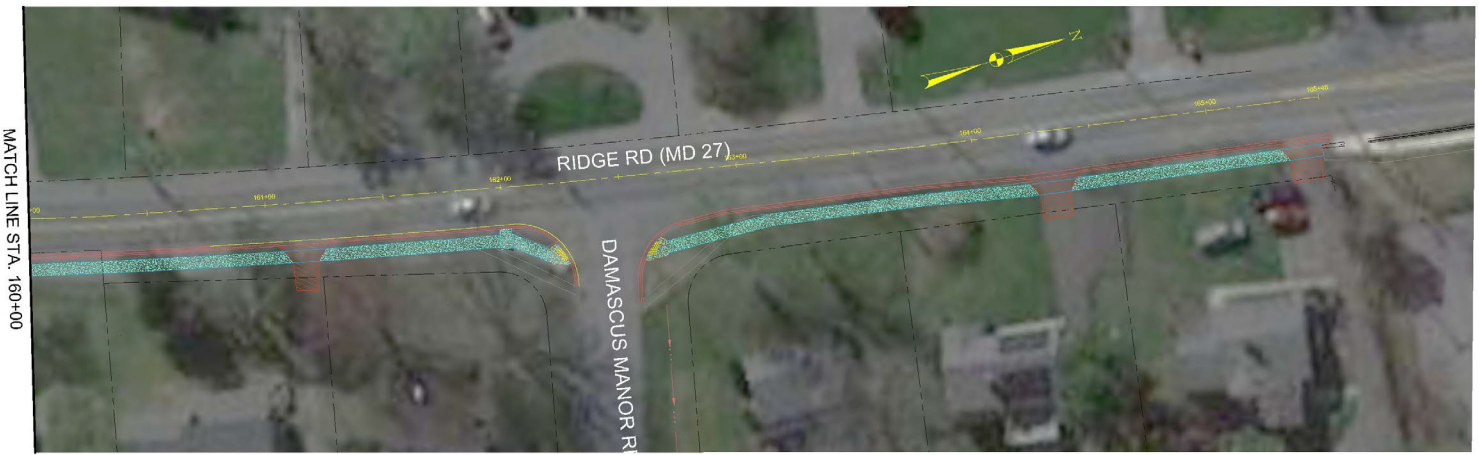


**PHASE 2 RIDGE ROAD (MD27)
NORTH 1 OF 2**



**N
O
R
T
H

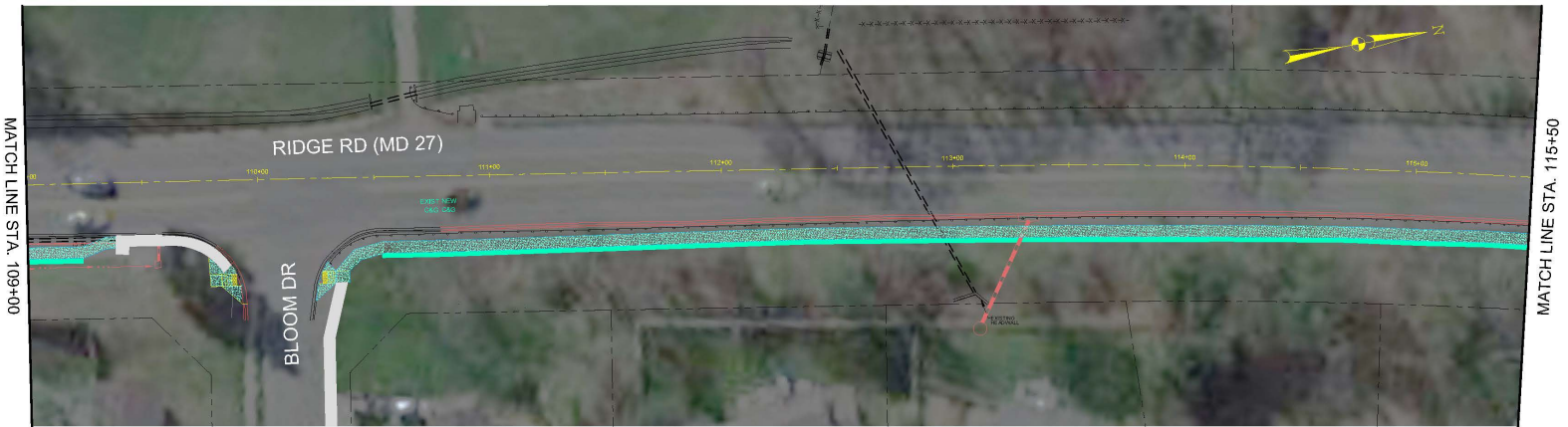
2
O
f
2**



**PHASE 2 RIDGE ROAD (MD27)
NORTH 2 OF 2**



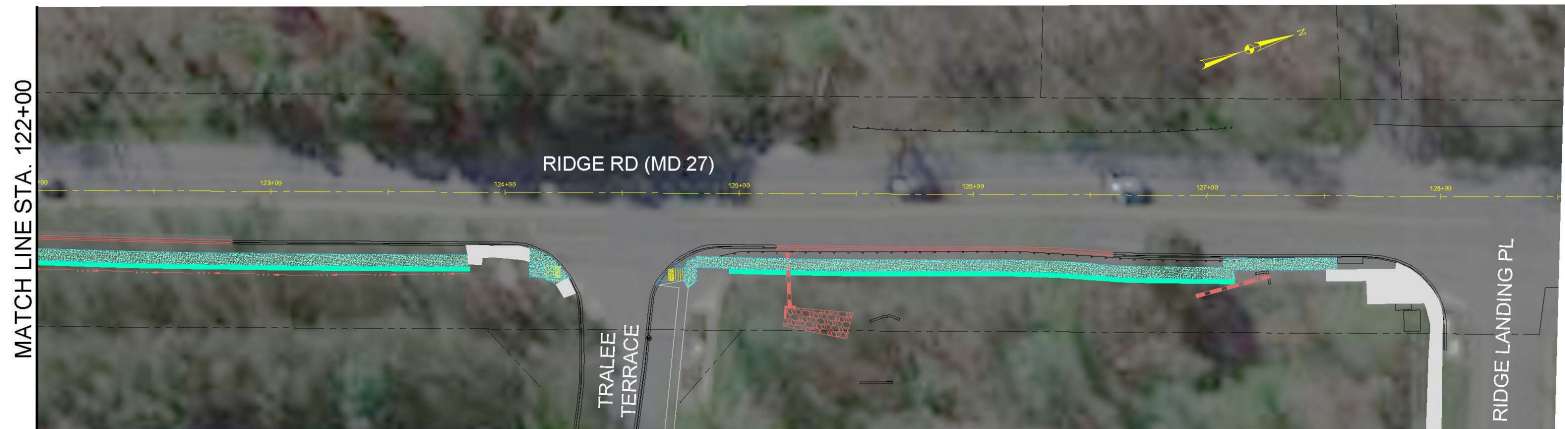
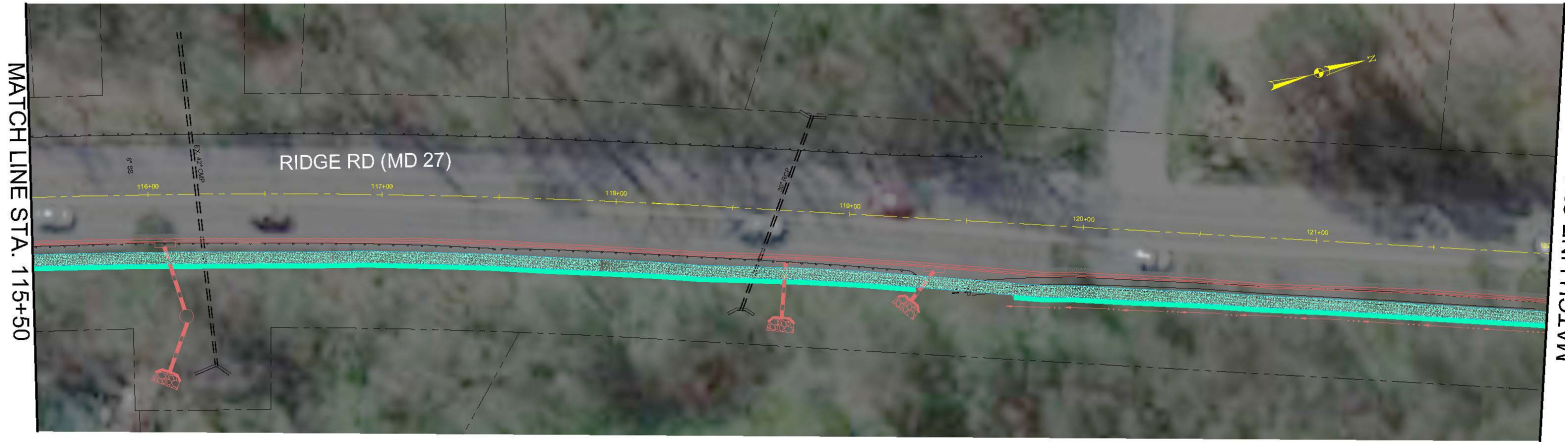
SOUTH
1
Of
2



PHASE 3 RIDGE ROAD (MD27)
SOUTH 1 OF 2



**SOUTH
2
Of
2**



**PHASE 3 RIDGE ROAD (MD27)
SOUTH 2 OF 2**





Project Cost Estimate

Phase 2

Engineering Design Cost	\$1.5M
Land Acquisition Cost	\$1.5M
Utility Relocation Cost	\$500K
<u>Construction Cost</u>	<u>\$2.0M</u>
Total Project Estimate	\$5.5M

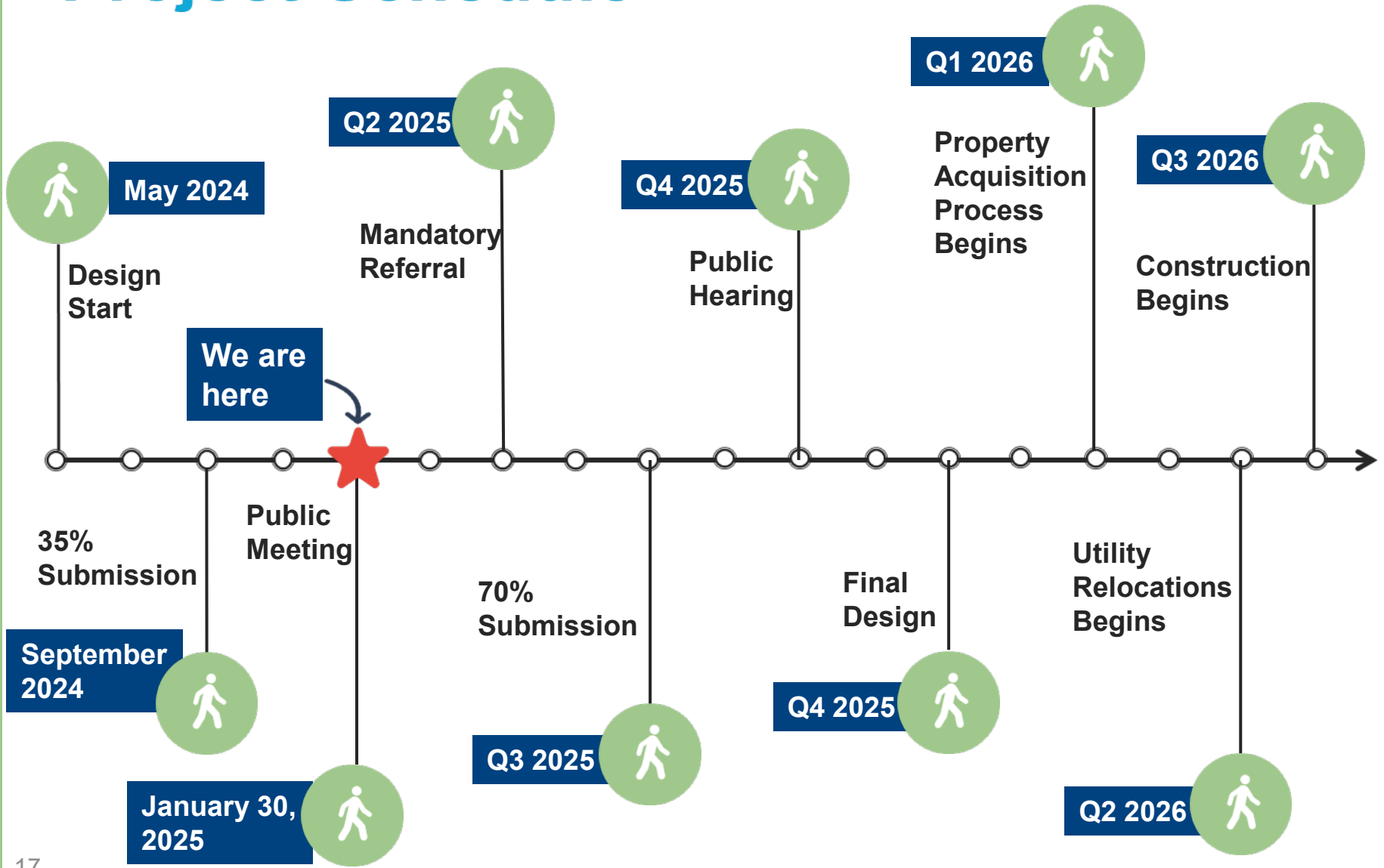
Phase 3

Engineering Design Cost	\$2.0M
Land Acquisition Cost	\$500K
Utility Relocation Cost	\$1.0M
<u>Construction Cost</u>	<u>\$6.5M</u>
Total Project Estimate	\$10.0M

Total Project Cost Estimate for Phase 2 & 3 \$15.5M



Project Schedule



Contact



Kevin Minn
Project Manager



240-777-7228



Kevin.Minn@montgomerycountymd.gov



<https://www.montgomerycountymd.gov/dot-dte/projects/oak/index.html>



Questions?



References

- Project Website - <https://montgomerycountymd.gov/dot-dte/projects/oak/Index.html>
- MC Vision Zero Plan - <https://www.montgomerycountymd.gov/visionzero/>
- MC Complete Streets Guide - <https://montgomeryplanning.org/planning/transportation/complete-streets/>
- Comment Form - <https://tinyurl.com/Oak-Comments>

