



**COLD SPRING CREAMERY ROAD
OVER BRANCH OF PINE RUN
BRIDGE REPLACEMENT PROJECT
SR 1004 SECTION BB2
BUCKS COUNTY**

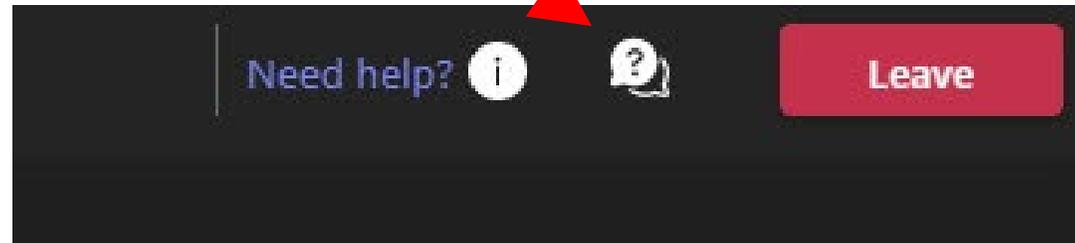
**PENNSYLVANIA DEPARTMENT OF TRANSPORTATION
ENGINEERING DISTRICT 6-0**

MAHMOUD A. ABDELRAHEEM

MAY 2024

QUESTIONS?

Questions can be submitted by clicking on the Q&A feature located at the top of your screen



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MEETING AGENDA

Project Location

Project Description

Project Purpose and Need

Environmental Resources

Project Improvements

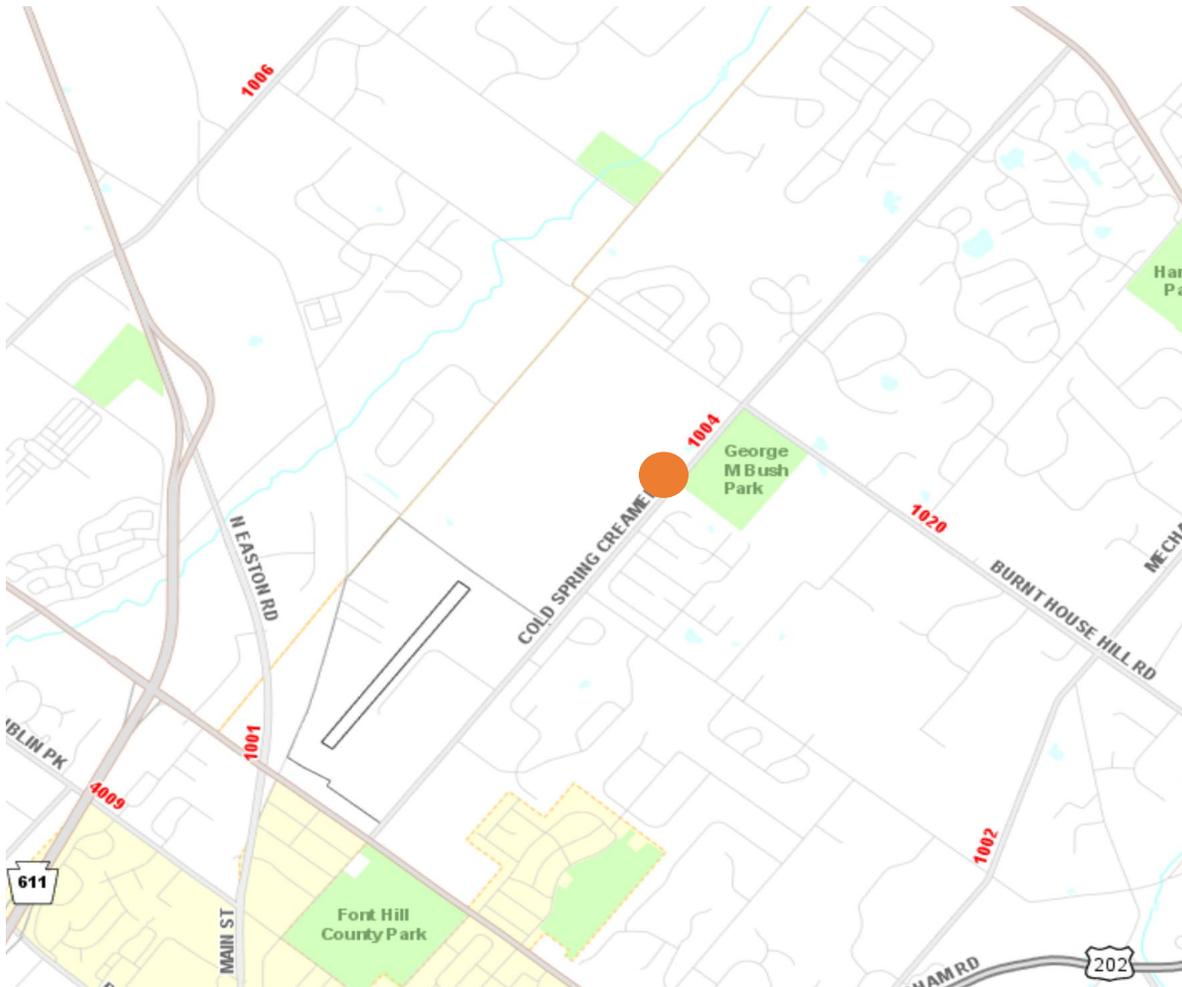
Traffic Control

Next Steps

Questions



PROJECT LOCATION



PROJECT DESCRIPTION

Cold Spring Creamery Road bridge replacement over Branch of Pine Run

Existing Bridge:

- Reinforced Concrete Slab
- 12 ft length and 23 ft width
- Two lanes with no shoulder
- Built in 1954.



PROJECT PURPOSE



The purpose of the project is to provide a structure that is capable of efficiently and safely handling the existing and expected traffic on Cold Spring Creamery Road while maintaining an approved hydraulic opening for Branch of Pine Run.



PROJECT NEEDS

The most recent inspection report detailed the deteriorated condition of the structure as listed below:

- Superstructure
- Bridge deck
- Substructure



ENVIRONMENTAL RESOURCES

Section 2002 of the Administrative Code of 1929, as Amended

- Section 2002 protects parks, recreation areas, natural areas, and historic sites from impacts due to transportation projects unless:
 - ✓ There is no feasible and prudent alternative; the project is constructed to minimize impacts; and the project will not alter the characteristics of the resource.
- George M. Bush Park qualifies as a Section 2002 resource.



ENVIRONMENTAL RESOURCES

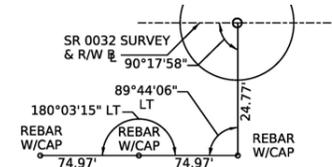
- The project converts a portion of the George M. Bush Park to a transportation land use. The impacted area is maintained roadway shoulder and wooded areas along Branch of Pine Run.
 - ✓ Permanent ROW acquisition will be 0.04 Acres (1,745 sf).
 - ✓ Temporary Construction Easements require 0.015 Acres (650 sf).
- The walking trail and pedestrian bridge over the branch of Pine Run will not be impacted. Park users will have full access throughout project construction.



ENVIRONMENTAL RESOURCES

SR 1004 SURVEY
& R/W

POT STA 73+00



POT STA 78+00



STRUCTURE DATA

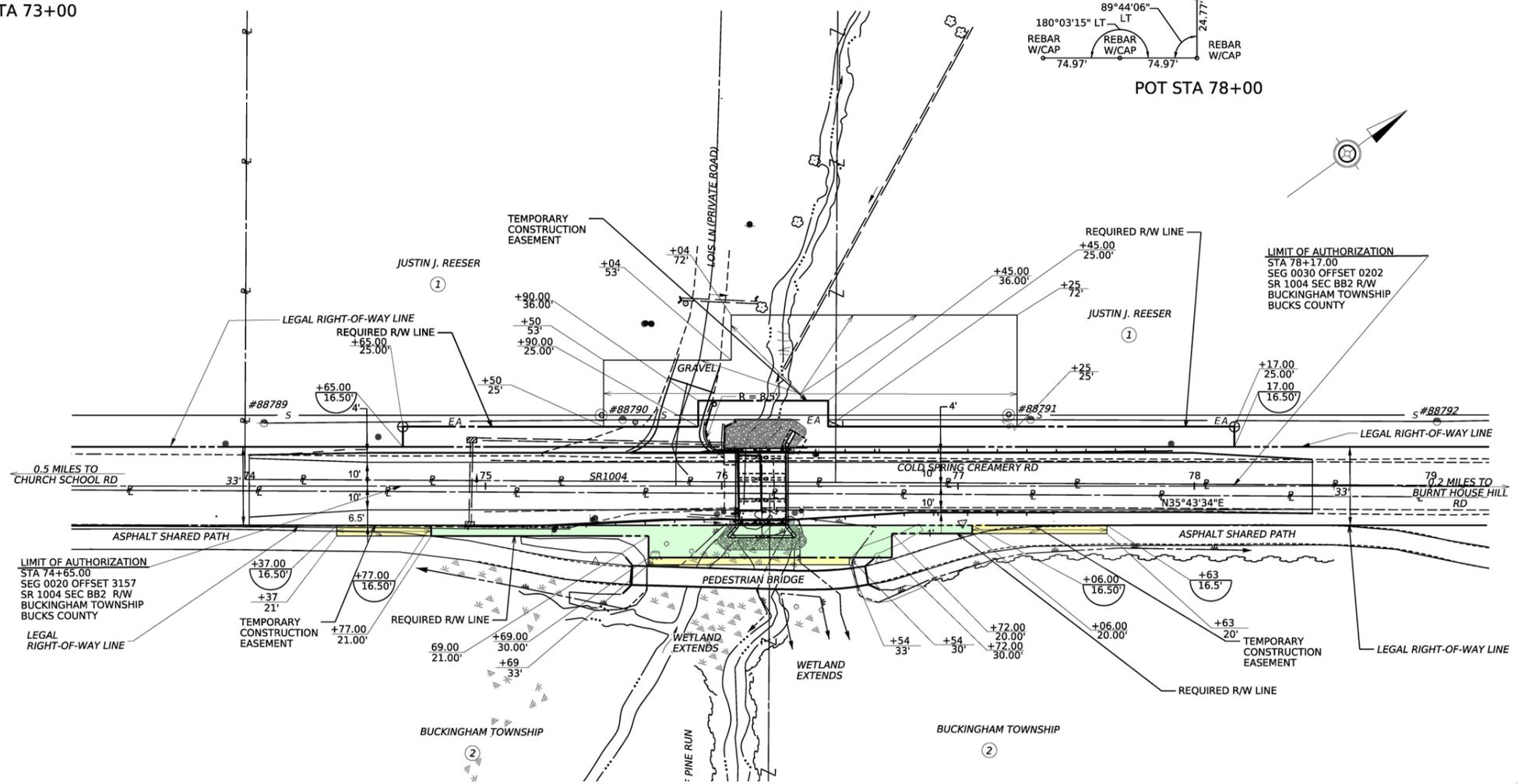
EXISTING
 STRUCTURE TYPE: REINFORCED CONCRETE SLAB BRIDGE
 SPAN LENGTH: 9'-0"
 UNDER CLEARANCE: 3'-0"
 LATERAL CLEARANCE: 90°00'00"
 SKEW: 25'-0" Curb-to-Curb
 BRIDGE WIDTH: H20
 LIVE LOADING: 1952
 YEAR BUILT:

PROPOSED
 STRUCTURE TYPE: PRECAST REINFORCED CONCRETE BOX CULVERT
 SPAN LENGTH: 20'-0"
 UNDER CLEARANCE: 4'-3"
 LATERAL CLEARANCE: 90°00'00"
 SKEW: 31'-9 1/2" Out-to-Out
 BRIDGE WIDTH: 28'-0" Curb-to-Curb
 LIVE LOADING: PHL-93, P-82, and P2016-13
 STRUCTURE NO.:

HYDRAULIC DATA

DRAINAGE AREA = 0.84 SQ MI

	EXISTING	PROPOSED
WATERWAY OPENING (SQ FT)	24.1	85
LOW MEMBER ELEVATION	350	350.47
10 YEAR FLOOD (DESIGN)	---	---

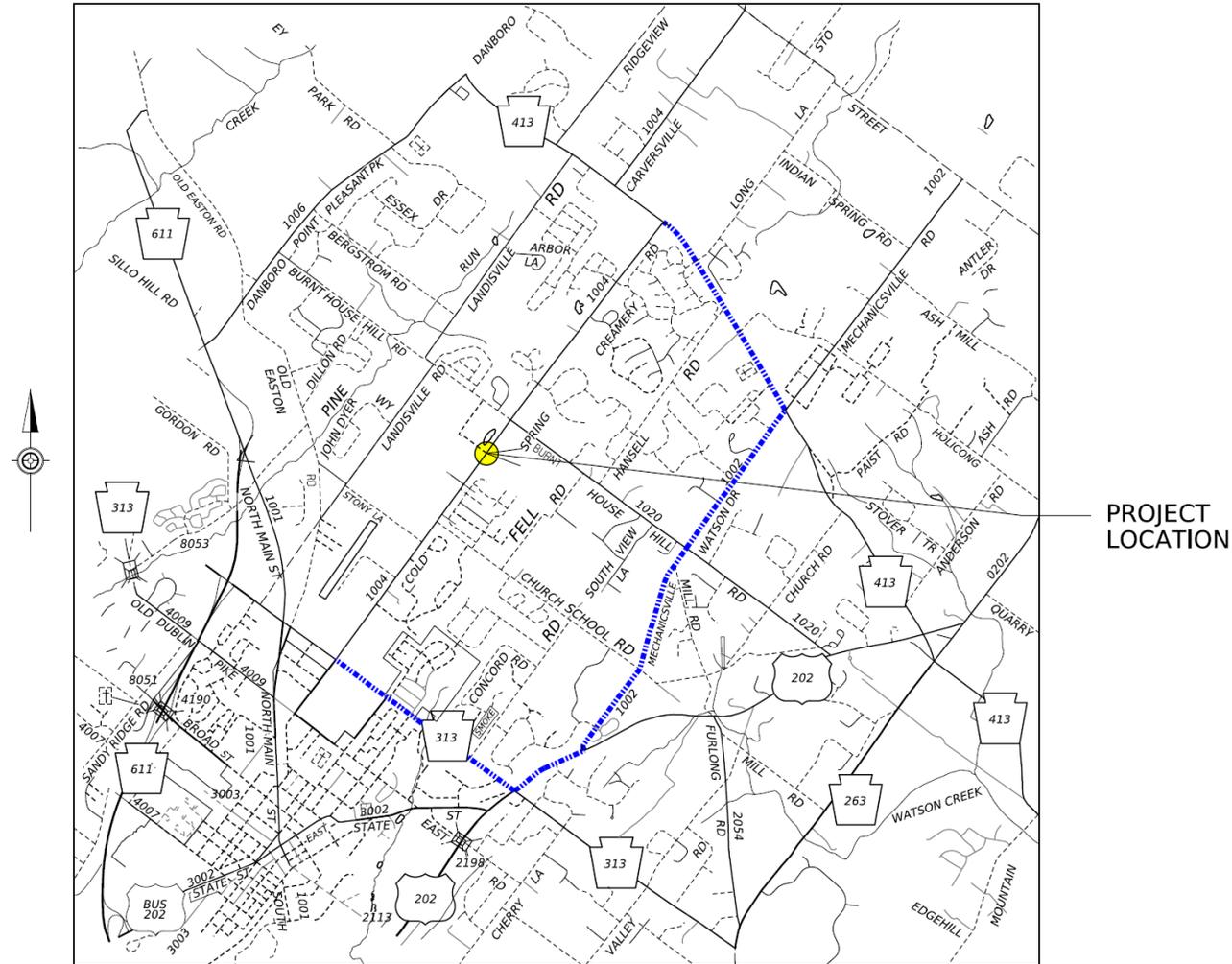


ENVIRONMENTAL RESOURCES

- PennDOT intends to make a No Adverse Use finding as the project impacts to the park will not adversely affect the features, attributes, or activities qualifying the park as a Section 2002 resource.
- PennDOT is requesting input from the public regarding the Section 2002 No Adverse Use finding.



TRAFFIC CONTROL



PROJECT LOCATION

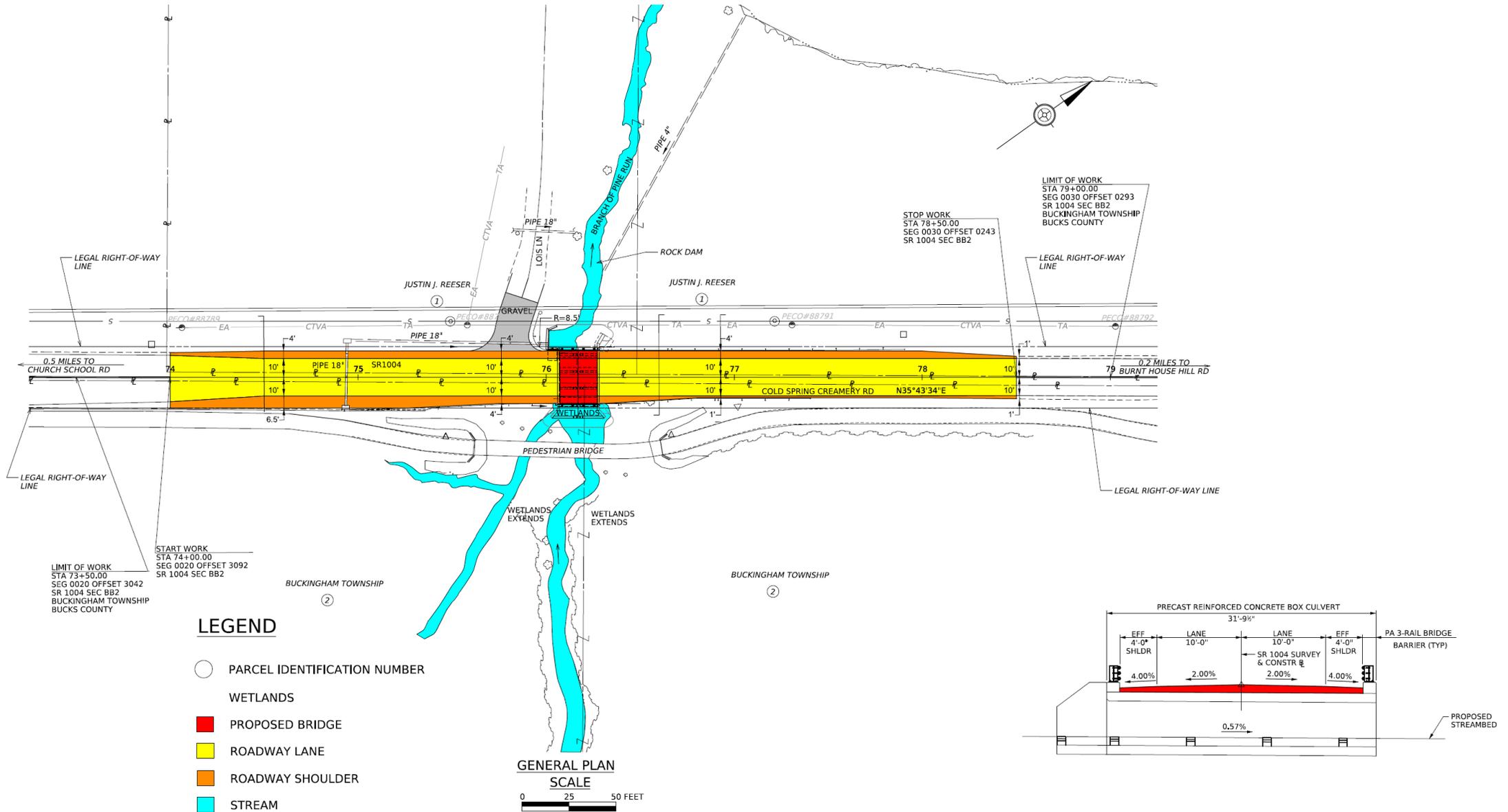
LEGEND

-  STATE ROUTE
-  TOWNSHIP ROAD
-  DETOUR ROUTE (5.2 MILES)
-  PROJECT LOCATION

SCALE



PROJECT IMPROVEMENT



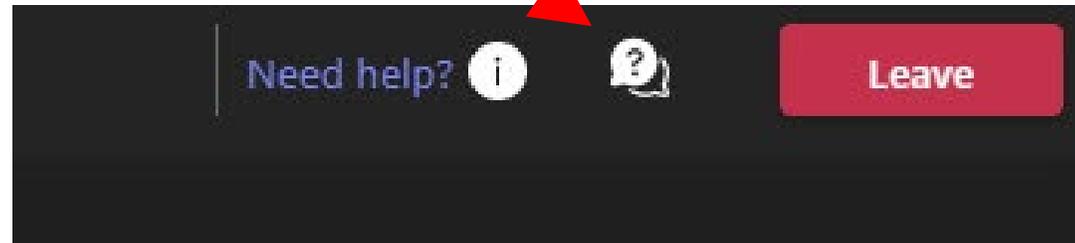
PROJECT SCHEDULE

	2024				2025				2026			
Task	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
NEPA Studies	■	■										
Geotechnical Studies	■	■	■									
ROW Acquisition			■	■	■	■						
Utility Relocate Coordination			■	■	■	■						
Section 404/105 Permitting			■	■	■	■						
Final Design			■	■	■	■	■	■				
Contracting								■				
Construction									■	■	■	■



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THANK YOU FOR PARTICIPATING!

FOR MORE INFORMATION, VISIT THE PENNDOT DISTRICT 6 WEBSITE

WWW.PENNDOT.PA.GOV/REGIONALOFFICES/DISTRICT-6

PROJECT LINK

[HTTPS://BIT.LY/COLDSRINGCREAMERYROAD](https://bit.ly/coldspringcreameryroad)