

Town of Amenia Highway Garage Engineering Report

Community Presentation



Overview

- **Amenia Highway Department**
- **Existing Site Conditions**
- **Identified Issues**
- **New Site Design Considerations**
- **New Site Location & Layout**
- **New Site Concept Designs**
- **Estimate of Probable Cost**
- **Funding Sources**
- **Projected Timeline**

Amenia Highway Department

Responsible for the maintenance of all town roads; insuring they are accessible for vehicular traffic every day, in all kinds of weather.

- 58 town roads
- 31 miles (62 lane-miles) of road
- 7 bridges, numerous catch basins & countless culverts
- grading, paving and sealing of roadway
- clearing, cleaning and grading ditches
- tree and brush trimming in the town rights of way
- mowing roadsides
- plowing, salting and sanding during winter months
- overseen by an elected and working Highway Superintendent who manages 5 crew members and a part-time office manager

Amenia Highway Department

Amenia Town Roads

- 58 Roads
- 31 miles
- 7 bridges
- catch basins
- culverts

Maintenance Jurisdiction

Maintenance Jurisdiction

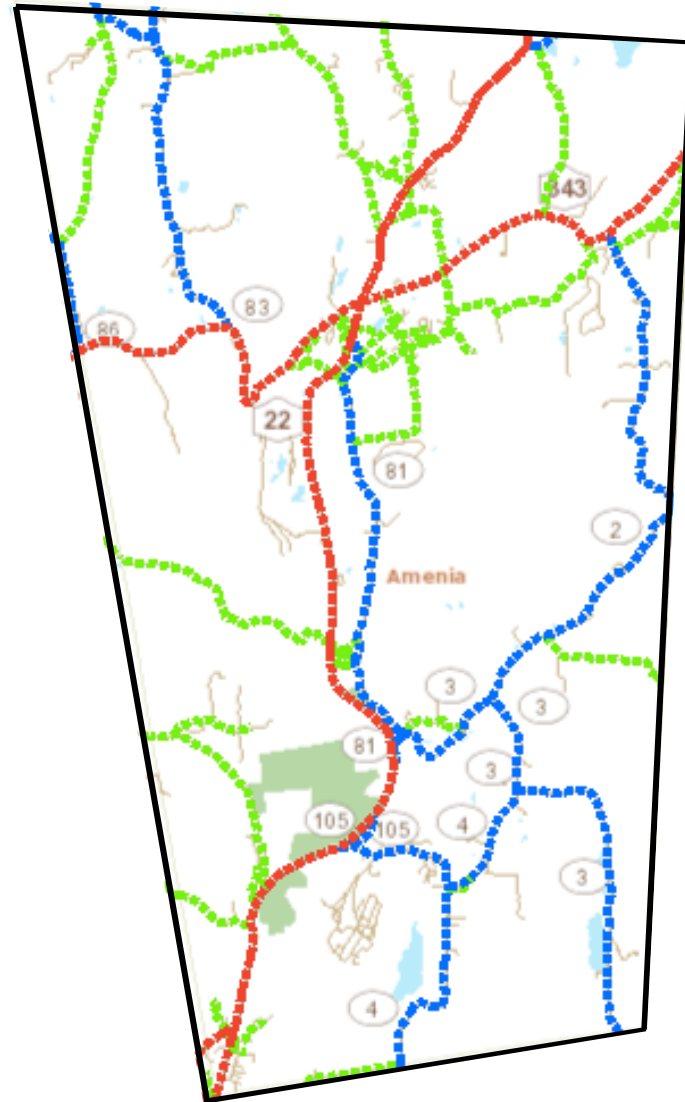
01 NYSDOT

02 County

03 Town

04 City or village

31 NYS Thruway



Existing Site Conditions

The Existing Site is outdated and past its useful life. It consists of:

- 80' x 50' concrete block garage building erected prior to 1955
- temporary 20' x 40' salt shed built in 2006
- pole barn structure for equipment storage
- located on approximately 2.5 acres of usable land
- partially in a federal wetland and flood plain
- portions built on an abandoned landfill

Existing Site Conditions



Existing Site Conditions



Maintenance Garage



Maintenance Garage

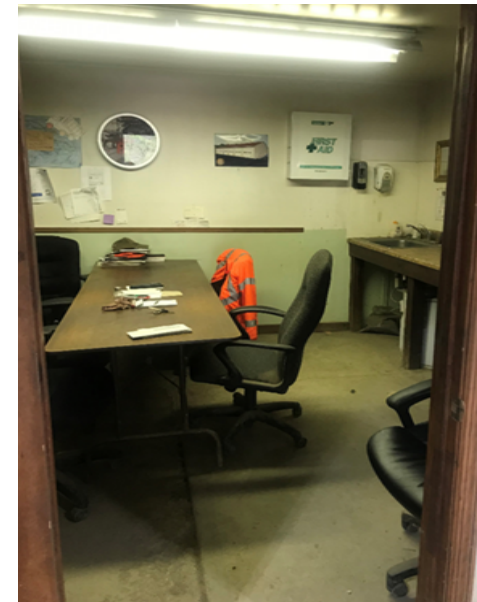


Salt Shed

Existing Site Conditions



Inside Garage Shown Empty



Identified Issues

A review of the current site produced the following identified issues:

- unsafe and outdated
- past its useful life
- 2.5 acres of usable land
- built on abandoned landfill
- partially in federal wetland and flood plain
- 80' x 50' concrete block garage building erected prior to 1955
- temporary 20' x 40' salt shed built in 2006
- pole barn equipment storage structure
- limited fuel storage
- no backup generator
- no fire suppression system

New Site Location

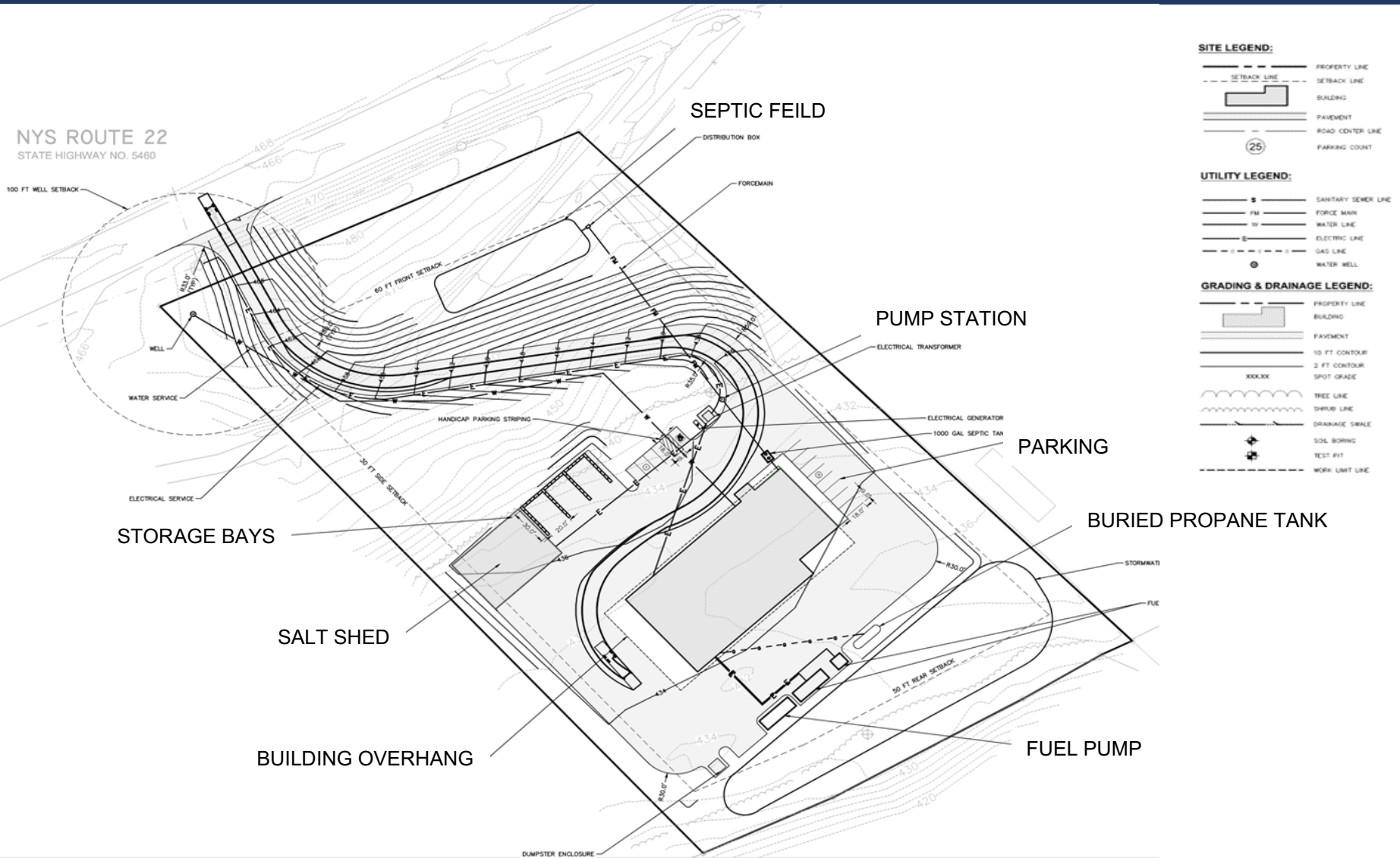


New Site Specs

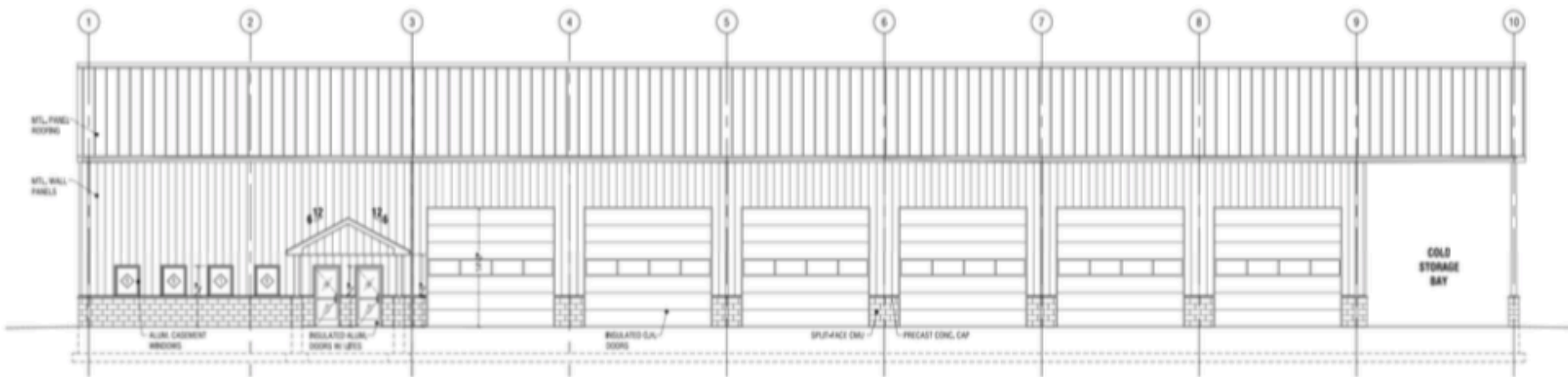
The New Site specifications:

- 5 acre lot
- 13,000 SF highway facility
- 2,300 SF covered storage
- 6 double loaded drive thru bays
- 1 administration bay with toilet room facilities, office space, break room, locker-room/shower space and storage
- 80 feet deep building allows for two plow trucks in each bay
- 50'x70' salt shed - accommodate salt / sand mixer
- well and on-site septic
- increased fuel storage
- backup generator
- fire suppression system

New Site Layout



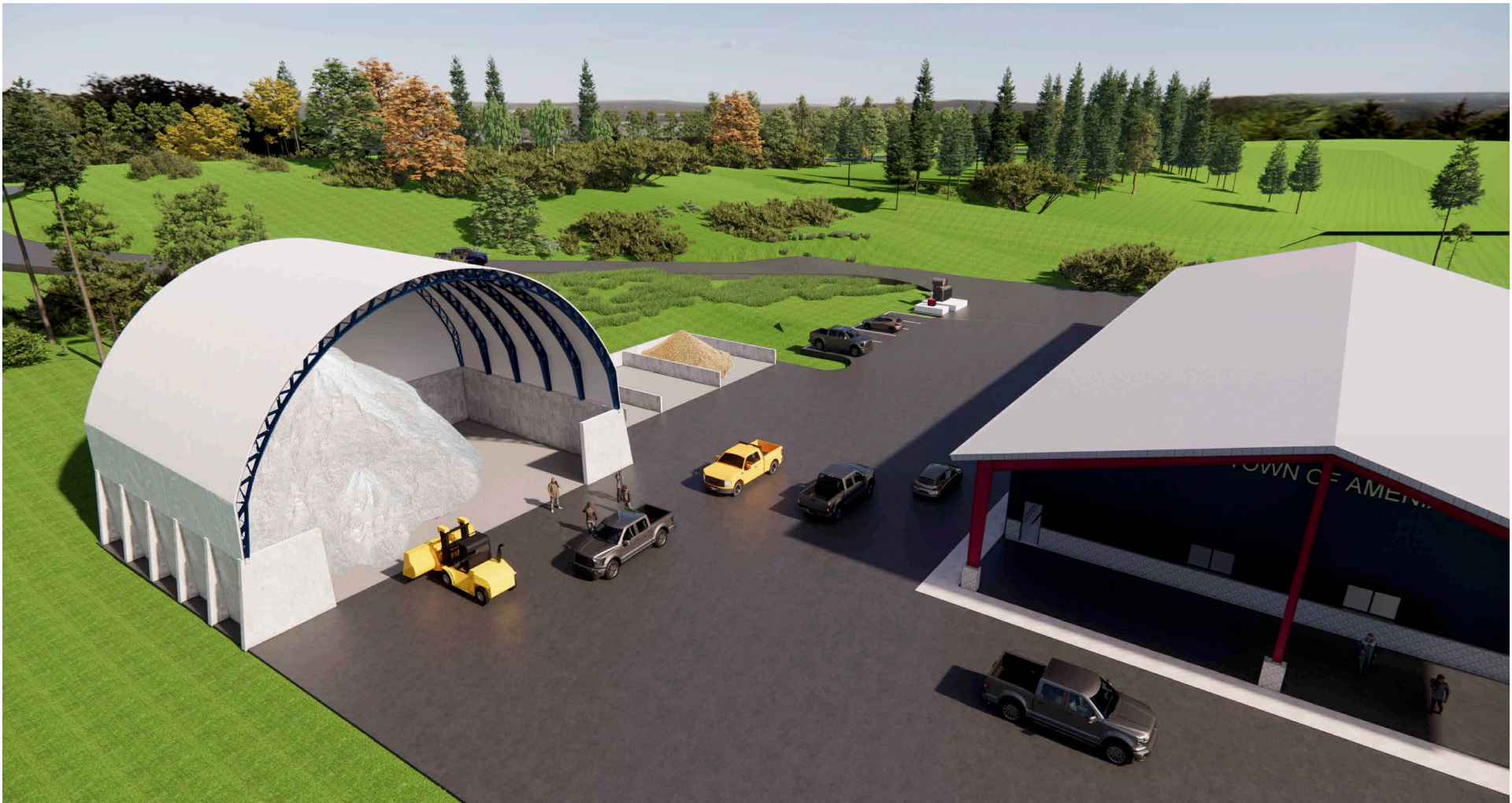
New Site - Site Plan



New Site Concept Designs



New Site Concept Designs



New Site Concept Designs



Estimate of Probable Cost

ITEM	DESCRIPTION	BASE COST	4% ESCA-2 Yrs.	CONTINGENCY			TOTAL COST	% Total
				10% DESIGN	10% CONSTRUCTION	10% INCIDENTAL		
Site	Improvements Clean-up Erosion & Sediment Control Earthmoving Pavement Septic Well Underground Utilities Conduit	\$ 701,050	\$ 56,084	\$ 70,105	\$ 70,105	\$ 70,105	\$ 967,449	15%
Building	Main Building Foundations Building Shell (Doors & Windows) Interior Work (Office-Bathrooms) Interior Work (Breakroom-Rest Area) Plumbing Electrical (including generator) Mechanical	\$ 2,750,000	\$ 220,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 3,795,000	60%
Salt Shed	Pre-Engineered Salt/Sand Storage Shed	\$ 185,000	\$ 14,800	\$ 18,500	\$ 18,500	\$ 18,500	\$ 255,300	4%
Fuel Island	Town Vehicle Fuel Island Pumps	\$ 395,000	\$ 31,600	\$ 39,500	\$ 39,500	\$ 39,500	\$ 545,100	9%
Fire Suppression	Fire Suppression Tank	\$ 220,000	\$ 17,600	\$ 22,000	\$ 22,000	\$ 22,000	\$ 303,600	5%
Solar	Roof Mounted Solar Panels	\$ 100,000	\$ 8,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 138,000	2%
Design Fee	Engineering / Architect Services	\$ 329,000					\$ 329,000	5%
Project Total		\$ 4,680,050	\$ 348,084	\$ 435,105	\$ 435,105	\$ 435,105	\$ 6,333,449	100%

Funding Sources

The following sources of funding will be applied to the total project budget:

- Potential Grants:
 - American Rescue Plan Act (ARPA)
 - Community Development Block Grant
 - NY Water Quality Improvement Act (WQIP) - (salt shed)
 - USDA - Community Facilities Direct Loan & Grant Program
 - EPA – solar panels
- BAN / Bond (debit financing)

Projected Timeline

PHASE	DAYS	START	FINISH
Architect/Engineer Bib			
Document out for bid	45	7/22/24	9/5/24
Pre-Bids Meeting	1	8/6/24	8/6/24
BIDS received	1	9/5/24	9/5/24
Award Architect/Engineer	1	10/3/24	10/3/24
Contract Negotiations	15	10/4/24	10/19/24
Design			
Schematics	60	10/15/24	12/14/24
Design Development	90	12/15/24	3/15/25
Construction Documents	60	3/16/25	5/15/25
SEQRA & Agency Permits	30	5/16/25	6/15/25
Construction Management	436	5/16/25	7/26/26
Construction Bib			
Document out for bid	60	5/16/25	7/15/25
Pre-Bids Meeting	1	6/30/25	6/30/25
BIDS received	1	7/15/25	7/15/25
Award Contractors	1	8/14/25	8/14/25
Contract Negotiations	15	8/15/25	8/30/25
Construction			
Mobilization	30	8/30/25	9/29/25
Site Work	90	9/30/25	12/29/25
Building	150	12/29/25	5/28/26
Substantial Construction	240	9/29/25	5/27/26
Close-out and Final Completion	60	5/27/26	7/26/26
Project End	1	7/26/26	7/26/26
Start to Finish (days)	649	10/15/24	7/26/26

Next Steps: Community Engagement

- Report Released (4/4)
- Information Boards in Town Hall (4/4)
- Funding Presentation (4/18)
- Project Post Card Mailing (4/22)
- Millerton News Op Ed (4/25)
- Garage Open House (5/4)
- Bond Resolution (5/16)