

DPW Capital Improvement Plan Objectives

- The Ayer DPW continues to be committed to the ongoing maintenance and repair of capital assets, recognizing the critical value of civic infrastructure to the economic, aesthetic and functional viability of the Town.
- The proposed capital projects are requested to continue major rehabilitation of Town infrastructure and improving our community.

Thank You for Your Consideration of These Important Town Infrastructure Projects

**PUBLIC
WORKS**
MAKES IT HAPPEN

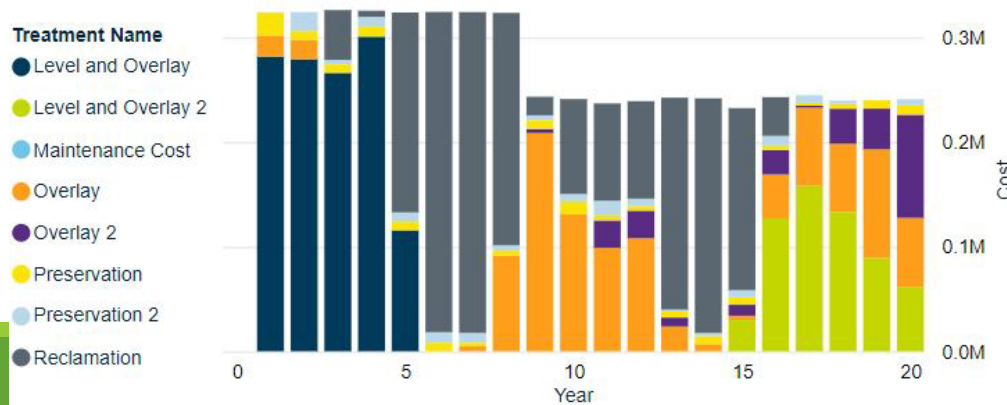


Article 13 – Capital Budget Requests Highway

- Road Paving
- Barnum Road Bridge Repairs
- 1-Ton Pickup with Plow

Road Paving \$85,000

- Road Paving funding is currently from MassDOT Chapter 90 and Town Capital Appropriation
- Annual Chapter 90 amount \approx \$240K
- Ayer Pavement Management Model (Predictor)
 - Town wide PCI = 72 (out of 100)
 - Predictor Pavement Model indicates a budget of \$325,000 will raise PCI to 80 (acceptable) after 8 years and then likely maintain via Chapter 90
- Additional funding allows us to keep up with the Town's needs



Barnum Road Bridge Repairs

- Bridge is owned by the Town and inspected every two years by MassDOT. (Note: Span is 62-ft = Bridge)
- Recent reports identify deficiencies:
 - Abutments, wingwalls, timber piles, scour, bridge slab, sidewalk beam
- Price is for engineering and permitting based on proposals. Note: \$30,000 previously allocated to design via Capital.
- Repair, not replacement
- Potential construction funding through IIJA?

Barnum Road Bridge Repairs



Photo 24: Rot to the battered brace pile at the North end of bent #2.



Photo 6: Spall to the center longitudinal joint in span #1 looking East.



Photo 22: Severe undermining of the East breastwall/wingwall exposing the pile.



Photo 19: Spalls to the underside of the North sidewalk beam in span #3.

1-ton Pickup with Plow- \$60,000

- Replaces 2006 Chevy Silverado
- Continues plan to maintain and upgrade fleet
- Front-line vehicle for snow plowing operations
- Price based on State Bid for similar vehicles and recent quote



Article 13 – Capital Budget Requests Sewer Enterprise

- Portable Generator (50% Split with Water)

Trailer Mounted Emergency Generator – Split with Wastewater

- Water and Wastewater have 6 large generators for emergency power. In the past 3 years, we've had generator failures requiring rental of emergency generators.
- Maintain ability to continue to provide water/wastewater service.
- Generator rental requires lead time, causes service interruption.
- Price based on dealer costs. Grant opportunities would be sought.



Article 13 – Capital Budget Requests Water Enterprise

- New Well Source Approval
- Portable Generator (50% Split with Sewer)

Spec Pond Well 3 New Source Approval

- DPW-Water owns parcel Off Nemco Way
- Test well data indicates location is favorable for municipal water supply
- Request is for New Source Approval through MassDEP

