Pine Road over Pennypack Creek

Bridge Superstructure Replacement
Project Location
Pine Rd over Pennypack Cr Bridge

- Constructed in 1977
- Located in Pennypack Park
- Carries vehicular and pedestrian traffic
- ADT: 8,220 vehicles/day
- Awarded “Most Beautiful Short Span Bridge in the United States” - AISC 1978
- Blends into the park atmosphere
Purpose and Need
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Proposed Solution

- **Superstructure Replacement**
  - Replace deck/sidewalk/barriers
  - Replace steel beams
  - Minor repairs to abutments

- **Improvements**
  - Increase sidewalk width from 6’ to 9’
  - Elevated trail crossing
  - Crashworthy barrier with stone façade re-using existing stone
  - Remove weight restriction
Cross Section - Existing

- SIDEWALK: 6'
- SHOULDER: 11'
- LANE: 11'
- LANE: 11'
- SHOULDER: 11'
- SIDEWALK: 6'

20" DIA WATER LINE (TO BE REPLACED)
Cross Section - Proposed

- Sidewalk: 9'
- Shoulder: 8'
- Lane: 11'
- Proposed 12" Dia. Water Line
- Proposed 16" Dia. Water Line
- Reconstructed Masonry Barrier
- New Deck and Superstructure
Existing Appearance
Proposed Repairs
Existing Appearance
Proposed Repairs
Existing Trail Crossing
Proposed Trail Crossing
Thank you!