Patriots’ Path Great Morristown Greenway

Town of Morristown, Morris County, NJ

New Jersey Department of Transportation Local Aid Transportation Alternatives Design Assistance Program

TAP – 2014 – Patriots Path on Great Morristown Greenway Grant
Local Public Agency (LPA): Morris County Park Commission (MCPC)
Preliminary Engineering (PE) Phase

Virtual Public Information Center (PIC)
Thursday, August 26, 2021 - 6:00PM – 8:00PM
Meeting Agenda

• Panelist Introductions
  • Morris County Park Commission, NJDOT Local Aid and NV5 Team
• Brief Presentation at 6:05PM and 7:05PM
• Question and Answer periods (following presentations)
  • Please use the Chat Box or Question Box during the GoToWebinar
Post Meeting Comments and Questions:

During the meeting, please use the chat box to ask questions or provide comments.

To submit questions & comments after the meeting, please contact Denise Chaplick by September 9, 2021.

(Meeting summary will be posted on the MCPC Website)

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Project Purpose & Background

• The purpose of this project is to enhance pedestrian and bicycle access and safety along a 0.9 mile section / gap of the Patriots’ Path within the Town of Morristown, Morris County.

• MCPC received two grants to fund the Design and Construction costs via federal funds administered through NJDOT Local Aid Transportation Alternatives Program (TAP).

Morris County Park Commission – Patriots’ Path East map
https://www.morrisparks.net/assets/images/PDFs/Park_Maps/PPEASTmap.pdf
Project Location / Limits

1. TOWN OF MORRISTOWN
2. CENTERLINE SHARED USE PATH
3. POCAHONTAS LAKE
4. NJ TRANSIT RAILROAD MORRIS & ESSEX LINE
5. NJ TRANSIT RAILYARD
6. NJ TRANSIT ELECTRIC SUBSTATION
7. US ROUTE 202 SPEEDWELL AVENUE
8. COPE ROAD

1. [Image of trail entrance]
2. [Image of wooded area]
3. [Image of trail with lake]
4. [Image of road and sign]
5. [Image of trail entrance]

NV5 | SLIDE # 5
Proposed Improvements

Improvements include:

• 0.9 mile, 8’ Wide Paved Shared Use Path
• Proposed path will include both porous pavement, to minimize impacts, and asphalt pavement sections. A section of the path will allow occasional shared authorized vehicle access for MCPC, Town of Morristown and NJ Transit access needs
• Amenity Areas, including benches and interpretative signage
• Replacement of a pedestrian bridge on Cory Road
• Fencing and guide rail
• Concrete Curb Ramp at US Route 202 Speedwell Avenue
Typical Sections

TYPICAL SECTION - A - POROUS PAVEMENT

SHARED USE PATH @ STA. 5+00 TO STA. 29+00
(Looking North)
N.T.S.

OPEN GRADED STONE
(4% CROSS SLOPE)
2:1 TIE IN

JOHN STREET

WHIPPANY RIVER

NJ TRANSIT
MORRIS & ESSEX LINE

8' TALL CHAIN LINK FENCE BETWEEN PATH AND NJ TRANSIT RAILROAD
(WHERE SHOWN ON PLANS)

6' TO 8' FENCE OFFSET
(WHERE SHOWN ON PLANS)

EXISTING PATH
(VARIABLE WIDTH)

2' PATH

SHARED USE PATH
(REFERENCE TYPICAL TRAIL SECTION - POROUS PAVEMENT)
Typical Sections

- Lake Pocahontas
- Proposed 8' chain-link fence between path and NJ Transit gravel driveway
- 2:1 tie-in
- Open graded stone (4% cross slope)
- Shared use path (reference typical trail section - porous pavement)

**Typical Section B**

- Porous pavement
- Shared use path & STA 29+00 to STA 37+16 (looking north N.T.S.)

NJ Transit four (4) siding tracks

Existing (Grain) Area to remain
Typical Sections

TYPICAL SECTION -C-

ASPHALT PAVEMENT
NJ TRANSIT SHARED USE PATH @ STA NJT10+00 TO STA NJT16+95
(LOOKING NORTH)
N.T.S.

PROPOSED 4' POST-AND-RAIL ALONG SHARED USE PATH (WHERE SHOWN ON PLANS)
TIE-IN TO EXISTING SLOPE

NJ TRANSIT ACCESS TO TRAIN YARD AND ELECTRICAL SUBSTATION
8' TO 12' AND VARIABLE WIDTH.

TIE-IN TO EXISTING SLOPE
PROPOSED FULL DEPTH PAVEMENT DETAIL
2' HMA SURFACE COURSE
3' HMA BASE COURSE
8' DENSE-GRATED AGGREGATE
(REFERENCE PROPOSED FULL DEPTH PAVEMENT DETAIL)

BICYCLISTS AND PEDESTRIANS TO USE EXISTING AREA FOR ACCESS

LAKE POCAHONTAS

NJ TRANSIT MORRIS & ESSEX LINE
Typical Sections

- **3’ AREA FOR GUIDE RAIL (WHERE SHOWN ON PLANS)**
- **5’ MINIMUM BUFFER - GRASS AREA OR GUIDE RAIL (WHERE SHOWN ON PLANS)**

- **GUIDE RAIL SEGMENT**
- **EXISTING GUIDE RAIL TO BE REPLACED USING CURRENT NDOT STANDARDS**
- **POTENTIAL LANDSCAPE / RETAINING WALL (WHERE SHOWN ON PLANS)**
- **APPROX. 1:1 SLOPE (TOWARDS WATER)**

- **PATH**
- **CORY ROAD**
- **VARIABLE WIDTH**
- **VARIABLE CENTERLINE**

- **GRASS BUFFER**
- **SHARED USE PATH (REFERENCE TYPICAL TRAIL SECTION - POROUS PAVEMENT)**

- **LAKE POCOHONTAS**

- **TYPICAL SECTION - P**
- **ASPHALT PAVEMENT**
- **SHARED USE PATH @ STA. 106+25 TO STA. 109+08 (LOOKING NORTHWEST)**
- **N.T.S.**
Review of Progress PE Plans
GENERAL NOTES

1. DESIGN SPECIFICATIONS:
   AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, EIGHTH EDITION WITH INHERENT REVISIONS THROUGH 2007 AS MODIFIED BY SECTION 3 OF THE NEXT EDITION.
   MANUAL FOR BRIDGES AND STRUCTURES, EIGHTH EDITION.
2. CONSTRUCTION SPECIFICATIONS:
   D.O.T. NEW JERSEY SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. LOAD:
   LIVE LOAD:
   LIVE LOAD SURCHARGE EQUAL TO 2'0" OF EARTH PRESSURE.
4. TRACINGS:
   1. LOCATES LOCATION OF BORINGS.

RETAINING WALL 1 - PLAN

T = 5'5"
TOTAL LENGTH OF WALL = 80'-0"
MEASURED ALONG FRONT FACE

DETECTOR AT FRONT FACE OF WALL
EXISTING CURBHEAD IN SILL-LOW
EXISTING MEADOWLAND
DETECTOR AT FRONT FACE OF WALL
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DETERMINATION OF WALL TYPE AND SUBSTRUCTURE.

DETERMINATION OF WALL TYPE AND SUBSTRUCTURE.
Amenity Areas & Treatments

- Benches
  - Similar to MLK Avenue Trailhead
- Interpretive Signage
- Stone Dust Surface Treatment
- Fencing
Environmental Services & Other Approvals

• Categorical Exclusion Document (CED)
  • Prepared by NJDOT Bureau of Environmental Program Resources (BEPR)
  • Addresses any potential environmental issues: Deforestation; Cultural Resources; ecology, threatened and endangered species; Wetlands; Air & Noise; Hazardous; Public Reaction; Socioeconomics; and Environmental Permits

• NJ Department of Environmental Protection (NJDEP)
  • NJDEP Freshwater Wetlands GP17A or Individual Permit
  • NJDEP Flood Hazard Area Individual Permit
  • NJDEP Stormwater Management Compliance
    • To be addressed for total increase in impervious area

• NJ State Historic Preservation Office (NJSHPO) Coordination

• New Jersey Pollutant Discharge Elimination System (NJPDES) 5G3

• Morris County Soil Conservation District (MCSCD) Certification
Environmental Services & Other Approvals

• Cultural Resources
  Federal and State regulations pertaining to the protection of cultural resources, referred to, respectively, as the Section 106 and the NJ Register of Historic Places Act processes, require MCPC and NJDOT to take into account the effect of proposed projects upon cultural resources listed on, or eligible for listing on, the NJ and National Registers of Historic Places. These processes require coordination between the NJDOT and the New Jersey Historic Preservation Office, along with other appropriate consulting and interested parties.

• The project is located within two historic districts – the Speedwell Ironworks Historic District, which was listed on the New Jersey and National Registers of Historic Places, and the Old Main Delaware, Lackawanna and Western Railroad Historic District.

• Two archaeological resources within these historic districts are located within the project area – the Speedwell Ironworks Storehouse/Pattern Shop/Saw Mill Site and the Delaware, Lackawanna and Western Railroad Morristown Roundhouse.
Anticipated Right-of-Way & Agreements

- Proposed easement or license agreement between Morris County Park Commission and Town of Morristown
  - Work within Morristown properties
- License agreement between Morris County Park Commission and New Jersey Transit
  - Work within NJ Transit owned property
Next Steps

• Project Next Steps:
  • Review Comments from this Public Information Center
  • Complete PE Plans, Categorical Exclusion Document (CED) [Environmental document]
  • Reassess Environmental Needs / Stormwater Management
  • Finalize Preliminary Engineering Phase

• Anticipated Project Schedule:
  • Preliminary Engineering Phase Completion: Fall 2021
  • Final Design Phase Completion: 2022
  • Anticipated Construction Start 2023
Questions & Open Discussion

Please use the chat box to ask questions or provide comments.

To submit questions & comments after the meeting, please contact Denise Chaplick by September 9, 2021. (Meeting summary will be posted on the MCPC Website)

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Thank you!