

THE TWO RIVERS GREENWAY TRAIL MAINTENANCE PLAN  
JULY-AUGUST 2019  
BINGHAMTON METROPOLITAN TRANSPORTATION STUDY



APPENDIX & TRAIL ASSESSMENTS



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## APPENDIX

### Two Rivers Greenway Trail Maintenance Assessment

#### 1.1 METHODOLOGY

Site assessments were performed with a form document that included the categories:

- Design and usage
- Access and visibility
- Community attitudes toward site
- Site amenities (quantity and condition)
- General site condition
- Any identified corrective actions needed
- Any planned capital improvements
- Strengths, weaknesses, and opportunities

Park conditions were rated using a differential scale of excellent, good, fair, or poor. The table below provides the condition descriptions utilized in this analysis.

#### Scale of Conditions

Assessment Finding	General Description
Excellent	<ul style="list-style-type: none"><li>• Park/amenities are in excellent condition with little or no maintenance problems noted.</li><li>• Park/amenities do not have any major design issues that contribute to diminished use or maintenance.</li></ul>
Good	<ul style="list-style-type: none"><li>• Park/amenities are in good condition and feature only minor maintenance problems.</li><li>• Generally, most maintenance issues with these park/amenities appear to be the result of age and/or heavy use but do not significantly affect usability.</li><li>• Park/amenities may only have minor design issues that contribute to diminished use or maintenance (i.e. drainage, structural, utilities, etc.).</li></ul>
Fair	<ul style="list-style-type: none"><li>• Park/amenities are in fair condition and indicate ongoing maintenance problems.</li><li>• Generally, most maintenance issues with these park/amenities appear to be the result of age and heavy use resulting in some loss of usability.</li><li>• Some maintenance issues may be compounded over time due to deferred maintenance as a result of budget and/or resource limitations.</li></ul>
Poor	<ul style="list-style-type: none"><li>• Park/amenities are in poor condition and clearly show ongoing maintenance problems that ultimately may result in suspended use for repair/replacement.</li></ul>

	<ul style="list-style-type: none"> <li>• Maintenance issues with these park/amenities are the result of age and heavy use, and generally are compounded over time due to chronic deferred maintenance as a result of budget and/or resource limitations resulting in significant loss of usability.</li> <li>• Park/amenities may feature major design or safety issues that contribute to diminished use or maintenance (i.e. drainage, structural, utilities, etc.).</li> </ul>
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As noted in the Executive Summary, it is intended that on-site trail assessments will be done every two years. Any new trail segments will be added during the next scheduled year for the trail assessments.

**1.2 SYSTEM SUMMARY**

**1.2.1 Areas Covered**

Pennsylvania Avenue Bike Loop.....21

South Washington Street Bridge.....27

Confluence Park.....30

River Walk: North Shore Drive to Susquehanna Street.....36

River Walk: Susquehanna Street to Mosaic Area preceding Court Street.....40

River Walk: Court Street to East Clinton Street.....47

River Walk: Pedestrian and Bike Path Along Water Street to Ramp Past Eldredge Street.....50

River Walk: Ramp to Cheri Lindsey Park.....53

Cheri Lindsey Park to Bevier Street.....56

Otsiningo Park.....59

Port Dickinson Community Park Loop.....62

Vestal Rail Trail.....65

Vestal Rail Trail Extension.....69

Chugnut Trail.....72

Owego Riverwalk.....77

### 1.2.2 STRENGTHS

Trail paths are in generally good condition. No condition impairments that would affect the safety of users. Most trail surface conditions are fit to receive preventive maintenance pavement treatments. Signage is generally clear, and signs are in good condition.

### 1.2.3 WEAKNESSES

Trails consistently had weeds growing through cracks in the trail surface and along the trail edges. Frequently vegetation on the trails was severely overgrown. Severe cracks and dips in the trail surface were occasionally noticed.

### 1.2.4 RECOMMENDATIONS

A schedule for more frequent vegetation trimming should be implemented. Responsible municipalities should consider preventive maintenance pavement treatments for their trails that are in good or excellent condition.

### 1.3 PARK ASSESSMENTS

#### 1.3.1 Pennsylvania Ave Bike Loop

**Location:** Vestal Avenue to Pennsylvania Avenue to South Washington Bridge Crossing

**Length:** 0.40 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Cement and Asphalt Loop

**Design and Usage:** Pedestrian and Bike Path

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input checked="" type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

#### Access and Visibility:

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		

Notes: The primary access points are northbound through Pennsylvania avenue. Unofficial access points exist to the west through Zane Road and Ronin Road.



Figure 1 Ronin Road Entryway, Adjacent Closed Gas Station, Facing West



Figure 2 Zane Road Entryway, Perpendicular to the Beginning of Bike Loop Path, Facing West

**Community Attitudes:**

Site Access		Access Conditions	
<input checked="" type="checkbox"/> Highly supportive		<input type="checkbox"/> Highly controversial	
<input type="checkbox"/> Moderately supportive		<input checked="" type="checkbox"/> Moderately controversial	
<input type="checkbox"/> Not supportive		<input type="checkbox"/> Not controversial	

Notes:

**Site Amenities:**

Amenity	Quantity	Condition			
		Poor	Fair	Good	Excellent
Lights	~27	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Signs for Road	N/A	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input checked="" type="checkbox"/> Excellent
Trees and Plants	~40	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input checked="" type="checkbox"/> Excellent
Fences	N/A	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input checked="" type="checkbox"/> Excellent
Shed	N/A	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input checked="" type="checkbox"/> Excellent

Notes: Amenities are relatively new and well maintained

**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: Slight dead grass residue from mowing, encroachment of grass along edges, weeds along the side, some puddling in indented trail areas





Figure 3 Examples of Puddling on Pennsylvania Avenue Bridge



Figure 4 Dead Grass Residue Along Cement Trail Portion



Figure 5 Weeds and Dead Grass Residue Along Cement Trail Portion



Figure 6 Puddling Near Tunnel



Figure 7 Puddling Near Tunnel Close-Up



Figure 8 Bike Loop and Rotary Club Shed

**Corrective Actions Needed:**

Action	Urgency			
Improved Cleanup After Lawn Maintenance	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Weeding	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Address Puddling	<input type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input checked="" type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

## Planned Capital Improvement

Improvement	Timeline			
Route 434 Greenway Extension to Murray Hill Road	<input type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input checked="" type="checkbox"/> 24+ months

### STRENGTHS

- Well paved smooth path
- Well maintained planted trees and garden in the loop center
- Well-designed crosswalk with four pedestrian lights and signs connecting the Pennsylvania Avenue bike and pedestrian loop to the South Washington Street bridge

### WEAKNESSES

- On the north side of the crossing between the Pennsylvania Avenue bike and pedestrian loop to the South Washington Street bridge there is a worn path through a garden that separates the two crossing lanes

### OPPORTUNITIES

- Multiple connections to the south end of the Pennsylvania Avenue bike and pedestrian loop for bikers and pedestrians through Ronin Road and Zane Road

### 1.3.2 South Washington Street Bridge

**Location:** North of South Washington Street

**Length:** 0.13 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Cement, Asphalt, and Wood Walkways

**Design and Usage:** Bike and Pedestrian

Seasonal Usage	Usage Level
<input checked="" type="checkbox"/> Winter	<input checked="" type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring	<input type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer	<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall	<input type="checkbox"/> Rare

#### Access and Visibility:

Site Access	Access Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well Maintained / Reliable Access	<input checked="" type="checkbox"/> High Visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately Maintained / Variable Access	<input type="checkbox"/> Moderate/Variable Visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly Maintained / Unreliable Access	<input type="checkbox"/> Poor Visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

#### Community Attitudes:

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

#### Site Amenities:

Amenity	Quantity	Condition				Notes
Lampposts	7	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	On South Side of Bridge. In Old Condition
Pedestrian Crossing Signs	4	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input checked="" type="checkbox"/> Excellent	With Button Activated Visibility Lights
Memorials and Monuments	3	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	World War II Memorial,



						Polish Massacre Memorial, 1779 Routes Memorial, Skirmisher
Greenway Signs	2	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Located Next to Skirmisher and at North End of North Shore Drive Crossing
Garden	1	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	Worn Path Through the Middle Evidently from Pedestrian Use. See Photo.
EcoCounter	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Pedestrian and Bike Counter. Recently Installed

Photos:



Figure 9 Informal Walking Path Through Garden

**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: Natural Wear and Tear on Amenities

**Corrective Actions Needed:**

Action	Timeline			
Replace Lampposts	<input type="checkbox"/> <6 months	<input checked="" type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Replanting Worn Garden Path	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

## STRENGTHS

- Key Binghamton landmark
- Popular location for photos

## WEAKNESSES

- Some paint chipping
- Weeds growing along pavement edges

## OPPORTUNITIES

- Evidence of citizens taking ownership of the site through unsanctioned memorials and advertising



Figure 10 Eddie Memorial



Figure 11 Food Rescue Sticker Advertisement

### 1.3.3 Confluence Park

**Location:** Between South Washington Street Bridge and North Shore Drive

**Length:** 0.13 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Asphalt

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input checked="" type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

#### Access and Visibility:

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

#### Community Attitudes:

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

#### Site Amenities:

Amenity	Quantity	Condition				Notes
Lights	8	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Benches	9	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Vegetation	N/A	<input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	Vegetation is overgrown and obscures viewing areas
Signs	9	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	



Memorials	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Bike Rack	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Garbage Cans	5	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Water Pump	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
EcoCounter	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Pedestrian and Bike Counter. Recently Installed

**General Condition:**

<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: rusting, weeds in cracks

**Corrective Actions Needed:**

Action	Urgency			
	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Bike-walkway to riverfront area has large holes in pavement	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Weeding and trimming overgrown plants that obscure designed viewing areas	<input type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input checked="" type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Remove Graffiti	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Repaint Railings	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 14 Hole in Paved Bike Walkway



Figure 15 Hole in Paved Bike Walkway Close-up



Figure 16 Overgrown Vegetation Blocking View





Figure 17 Chipped Paint and Rust



Figure 18 Scratches from Skateboards





Figure 19 Memorial Graffiti



Figure 20 Greenway Sign Graffiti



Figure 21 Tunnel Graffiti

#### **STRENGTHS**

- Popular destination and location for photos
- Well maintained garden by Sierra Gardens

#### **WEAKNESSES**

- Overgrown vegetation
- Graffiti
- Chipped paint and rust on railings
- Scratches from skateboards along trail edges
- Holes in pavement along bike walkway

#### **OPPORTUNITIES**

- Pavement can receive a seal coating for preventive maintenance
- Location for community events

1.3.4 River Walk: North Shore Drive to Susquehanna Street

**Location:** North Shore Drive to Susquehanna Street

**Length:** 0.13 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Asphalt

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input checked="" type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility and Signage
<input type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Quantity	Condition				Notes
Outlook Platform	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Benches	9	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Plants	N/A	<input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	Severely overgrown vegetation
Signs	2	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	

Memorials	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Bike Rack	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Garbage Cans	2	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	

**General Condition:**

<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: Debris, weeds in cracks, overgrown vegetation

**Corrective Actions Needed:**

Action	Urgency			
Clean Debris from Floodwall	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Design schedule for more frequent trimming of vegetation along the trail and weeds along the floodwall	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Replace informal outlook ramp with an ADA compliant formal ramp	<input type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input checked="" type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 22 Severely Overgrown Vegetation and Weeds on the Side of the Floodwall





Figure 23 Trail After Vegetation was Cut Down



Figure 24 Trail After Vegetation was Cut Down





Figure 25 Rock Debris from Floodwall Adjacent to Outlook Platform



Figure 26 Abrupt Asphalt Ramp to Outlook Platform

#### **STRENGTHS**

- Smooth pavement with only a few cracks

#### **WEAKNESSES**

- Overgrown vegetation

#### **OPPORTUNITIES**

- Better integration of outlook platform into trail
- Potential for preventive maintenance treatments on the pavement

1.3.5 River Walk: Susquehanna Street to Mosaic Area preceding Court Street

**Location:** Susquehanna Street to Mosaic Area preceding Court Street

**Length:** 0.26 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Asphalt

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input checked="" type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility and Signage
<input type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Quantity	Condition				Notes
Benches	9	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Vegetation	N/A	<input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	Overgrown
Signs	3	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Memorials	1	<input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	Missing Plaques and Graffiti
Bike Rack	2	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	

Garbage Cans	5	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
EcoCounter	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Pedestrian and Bike Counter. Recently Installed

**General Condition:**

<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: weeds in cracks, overgrown vegetation, ageing pavement

**Corrective Actions Needed:**

Action	Urgency			
Fix Puddling in Mosaic Area	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Weeding and trimming overgrown plants	<input type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input checked="" type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Repaint worn and rusting areas	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Repair Mosaic Area Bench	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Fill Pavement Hole next to EcoCounter	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 27 Puddling in Mosaic Area





Figure 28 Weeds in Stairs/Seating Area



Figure 29 Prevalent Weeds in Walkway, Rest Area, and Low Path



Figure 30 Mud Around Stairwell



Figure 31 Deep Hole in Pavement Near Traffic Counter





Figure 32 Worn Paint and Weeds Along the Edges



Figure 33 Rust on Railings and Cigarette Butts Along the Edge



Figure 34 Wear, Rust, and Weeds in Mosaic Area



Figure 35 Bench Bent Out of Place





Figure 36 New Court Street Crossing

### **STRENGTHS**

- Large steps separating lower and upper path is a popular seating area
- Mosaics are popular landmark and photo location
- Well maintained mosaics

### **WEAKNESSES**

- Weeds along edges and in cracks in pavement
- Rust and chipped paint around mosaic area
- Dips in pavement cause puddling

### **OPPORTUNITIES**

- Potential for preventive maintenance pavement treatment
- Student art posted beneath “Inspire Binghamton” mosaic



Figure 37 University Student Art Posted Beneath “Inspire Binghamton” Mosaic



1.3.6 River Walk: Court Street to East Clinton Street

**Location:** Court Street to East Clinton Street

**Length:** 0.28 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Cement

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input checked="" type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Quantity	Condition				Notes
Benches	10	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Garbage Cans	11	<input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	Plastic garbage cans do not fit properly in their metal shells
Lampposts	20	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Planters	4	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Bike Rack	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	

EcoCounter	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Pedestrian and Bike Counter. Recently Installed
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**General Condition:**

<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes:

**Corrective Actions Needed:**

Action	Urgency			
Fix Garbage Cans	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Weeding and Trimming Overgrown Plants	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Remove Graffiti	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Replace Missing Plaques	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 38 Unfit Garbage Cans



Figure 39 Graffiti and Missing Plaque

**STRENGTHS**

- Generally smooth pavement, sidewalks, and brick walking areas
- Numerous areas for seating
- Outside seating at adjacent restaurants

**WEAKNESSES**

- Plastic garbage cans do not fit in their metal shells
- Graffiti
- Missing plaques

**OPPORTUNITIES**

- Potential for preventive maintenance pavement treatment

1.3.7 Riverwalk: Pedestrian and Bike Path Along Water Street to Ramp Past Eldredge Street

**Location:** East Clinton Street to Eldredge Street

**Length:** 0.70 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Asphalt

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input checked="" type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input checked="" type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input type="checkbox"/> Not controversial

Notes: The trail was not constructed as designed

**Site Amenities:**

Amenity	Quantity	Condition				Notes
Benches	2	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Bike Rack	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Greenway Signs	2	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
EcoCounter	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Pedestrian and Bike Counter. Recently Installed

**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: Some pavement degradation near parking lots. Some paint cracking and rust on metal railings.

**Corrective Actions Needed:**

Action	Urgency			
Repave degraded sections	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Repaint railings	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Notes:

**Planned Capital Improvement:**

Improvement	Timeline			
Cracked Cement Next to Driveways	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Small Pavement Cracks	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Repaint Pedestrian Cyclist Indicators	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 40 Non-Ideal Pedestrian and Cyclist Divisions



Figure 41 Cracked Cement Next to Driveways

**STRENGTHS**

- Generally smooth pavement

**WEAKNESSES**

- Pedestrian and Bike path divisions were not constructed as designed
- Significant pavement cracking next parking lots

**OPPORTUNITIES**

- Potential for preventive maintenance pavement treatment

1.3.8 River Walk: Ramp to Cheri Lindsey Park

**Location:** Eldredge Street to Cheri Lindsey Park

**Length:** 0.90 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Asphalt

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input checked="" type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Quantity	Condition				Notes
Lamppost	Every 20 ft.	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Benches	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	

**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: Cracking along edges. Plants growing through cracks in the middle of pavement and along both sides of the trail.



**Corrective Actions Needed:**

Action	Urgency			
Weeding	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Corrective pavement treatment along trail edge	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 42 Severe Pavement Cracks at Trail Edge



Figure 43 Worn Bike Path Marking





Figure 44 Weathered Sign



Figure 45 Damaged Two Rivers Greenway Sign

#### **STRENGTHS**

- Generally smooth pavement

#### **WEAKNESSES**

- Severely cracked pavement along trail edge
- Overgrown weeds

#### **OPPORTUNITIES**

- Potential for preventative maintenance pavement treatment

1.3.9 Cheri Lindsey Park to Bevier Street

**Location:** Cheri Lindsey Park to Bevier Street

**Length:** 0.41 miles

**Responsible Municipality:** City of Binghamton

**Trail Materials:** Cement sidewalk and roadway improvements

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input checked="" type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Access	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Quantity	Condition				Notes
Greenway Signs		<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Park Signs		<input checked="" type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Bike Lane		<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	

**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: Two Rivers Greenway sign is damaged.

**Corrective Actions Needed:**

Action	Urgency			
	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Weeding	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Repair Park Signs	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Repaint Bike Lane Marks	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 46 Worn Park Sign



Figure 47 Bike Marking



Figure 48 Greenway Sign

#### **STRENGTHS**

- Generally smooth pavement
- Pedestrian and bike path extension leading to the end of Cheri Lindsay Park

#### **WEAKNESSES**

- Severely worn out Cheri Lindsay Memorial Park signs

#### **OPPORTUNITIES**

- Potential for preventative maintenance pavement treatment



1.3.10 Otsiningo Park

**Location:** Perpendicular to Bevier Street

**Length:** 3.6 miles

**Responsible Municipality:** Broome County

**Trail Materials:** Asphalt

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input checked="" type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input checked="" type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Condition				Notes
Benches	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Garbage cans	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Lights	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	

**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: Some cracked pavement. Did not affect the smoothness of pavement or impede the trail way.

**Corrective Actions Needed:**

Action	Urgency			
Crack filling	<input type="checkbox"/> <6 months	<input checked="" type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 49 Bike Path from Cheri Lindsay to Otsiningo



Figure 50 Cracks on Side of Pavement



Figure 51 Semi-regular Cracks Across Pavement

**Planned Capital Improvement:**

Improvement	Timeline			
EcoCounter Installment	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Notes:

**STRENGTHS**

- Generally smooth pavement

**WEAKNESSES**

- Cracks in pavement roughly every 30 feet. Not Severe
- Significant cracking along trail edges

**OPPORTUNITIES**

- Potential for preventative maintenance pavement treatment

1.3.11 Port Dickinson Community Park Trail Loop

**Location:** Chenango Street to West Service Street

**Length:** 0.75 miles

**Responsible Municipality:** Village of Port Dickinson

**Trail Materials:** Asphalt

**Design and Usage:** Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input checked="" type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input checked="" type="checkbox"/> Waterfront Access		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Condition				Notes
Signs	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Memorials	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Benches	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Picnic Tables	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	

**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes:



**Corrective Actions Needed:**

Action	Urgency			
Seal Pavement Cracks	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Address Puddling	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Address Tree Root Infiltration	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Remove Fallen Branches and Trees	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 71 Fallen Tree Branch



Figure 72 Fallen Tree



Figure 73 Cracked Pavement

**STRENGTHS**

- Well maintained trail area
- Well placed benches along trail
- Path is well shaded by trees and bridges overhead

**WEAKNESSES**

- Puddling occurs in dips in pavement
- Significant cracking across pavement

**OPPORTUNITIES**

- Area for community events

1.3.12 Vestal Rail Trail

**Location:** Stage Road to African Road

**Length:** 2.09 miles

**Responsible Municipality:** Vestal

**Trail Materials:** Asphalt

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input checked="" type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall		<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Condition				Notes
Signs	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Benches	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Garbage Cans	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Bike Rack	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Pavilion	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
EcoCounter	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Pedestrian and bike counter. Recently installed



**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes:

**Corrective Actions Needed:**

Action	Urgency			
Address Tree Root Infiltration	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Seal Pavement Cracks	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Address Puddling and Trail Drainage	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input checked="" type="checkbox"/> 24+ months

Photos:



Figure 52 Vestal Rail Trail Sign, Some Cracks





Figure 53 Puddling in Dip in Pavement



Figure 54 Significant Bumps and Cracks



Figure 55 Slight Cracks

**Planned Capital Improvement:**

Improvement	Timeline			
	<6 months	6-12 months	12-24 months	24+ months
Address Significant Bumps and Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fill Smaller Pavement Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repair Signs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notes:

**STRENGTHS**

- Generally smooth pavement

**WEAKNESSES**

- Dips in pavement cause puddling
- Significant humps and cracks in pavement caused by tree roots underneath

**OPPORTUNITIES**

- Potential for preventative maintenance pavement treatment

1.3.13 Vestal Rail Trail Extension

**Location:** North Main Street to Castle Gardens Road

**Length:** 1.82 miles

**Responsible Municipality:** Town of Vestal

**Trail Materials:** Asphalt

**Design and Usage:** Bike and Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input checked="" type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall	<input checked="" type="checkbox"/> Fall	<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input checked="" type="checkbox"/> Moderate/variable visibility
<input type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Condition				Notes
Benches	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Garbage Cans	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	
EcoCounter	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Pedestrian Counter. Recently Installed

**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes:

**Corrective Actions Needed:**

Action	Urgency			
Fill Pavement Cracks	<input type="checkbox"/> <6 months	<input checked="" type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Address Edge Cracking	<input type="checkbox"/> <6 months	<input checked="" type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Photos:



Figure 56 Slight Cracks in Pavement





Figure 57 Bench and Garbage Can



Figure 58 Smooth Pavement

**STRENGTHS**

- Smooth pavement
- Well maintained vegetation

**WEAKNESSES**

- Edge cracking in some areas

**OPPORTUNITIES**

- Potential for preventative maintenance pavement treatment

### 1.3.14 Chugnut Trail

**Location:** Adjacent Susquehanna River and Union Endicott High School

**Length:** 0.75 miles

**Responsible Municipality:** Endicott

**Trail Materials:** Asphalt

**Design and Usage:** Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input checked="" type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall	<input checked="" type="checkbox"/> Fall	<input type="checkbox"/> Rare

#### Access and Visibility:

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input type="checkbox"/> Well maintained / Reliable Access	<input type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input checked="" type="checkbox"/> Moderately maintained / Variable Access	<input checked="" type="checkbox"/> Moderate/variable visibility
<input type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

#### Community Attitudes:

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

#### Site Amenities:

Amenity	Quantity	Condition				Notes
Benches	2	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Picnic Table	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
EcoCounter	1	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	Pedestrian counter at west entrance. Recently installed

**General Condition:**

<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes: Severe Pavement Degradation, Overgrown Vegetation

**Corrective Actions Needed:**

Action	Urgency			
	<6 months	6-12 months	12-24 months	24+ months
Repave Trail	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Trim Vegetation Especially Surrounding Benches	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Notes:



Figure 59 Greenway Sign and Chugnut Trail Sign





Figure 60 Cracked and Patchy Pavement



Figure 61 Plant Growth in Pavement Cracks





Figure 62 Graffiti Along the Floodwall



Figure 63 Severe Edge Cracking



Figure 64 Cracked Pavement Especially Along the Side

**Planned Capital Improvement:**

Improvement	Timeline			
West Trail Extension Connecting to Mercer Row, Roundtop, and Grippen Parks	<input type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input checked="" type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Notes:

**STRENGTHS**

- Connections to Endicott High School

**WEAKNESSES**

- Severely cracked pavement throughout the trail caused by, plants and tree roots underneath and aging

**OPPORTUNITIES**

- Potential for sanctioned graffiti or art mural along floodwall
- Replace damaged pavement sections in patches or larger sections before beginning preventive maintenance treatments

1.3.15 Owego Riverwalk

**Location:** Village of Owego along Chenango River and Front Street

**Length:** 0.25 miles

**Responsible Municipality:** Owego

**Trail Materials:** Stamped Cement and Stone

**Design and Usage:** Pedestrian

Seasonal Usage		Usage Level
<input checked="" type="checkbox"/> Winter		<input type="checkbox"/> Heavy
<input checked="" type="checkbox"/> Spring		<input checked="" type="checkbox"/> Moderate
<input checked="" type="checkbox"/> Summer		<input type="checkbox"/> Light
<input checked="" type="checkbox"/> Fall	<input checked="" type="checkbox"/> Fall	<input type="checkbox"/> Rare

**Access and Visibility:**

Site Access	Conditions	Visibility and Signage
<input checked="" type="checkbox"/> Public Road	<input checked="" type="checkbox"/> Well maintained / Reliable Access	<input checked="" type="checkbox"/> High visibility
<input type="checkbox"/> Private Easement	<input type="checkbox"/> Moderately maintained / Variable Access	<input type="checkbox"/> Moderate/variable visibility
<input type="checkbox"/> Trail Connection	<input type="checkbox"/> Poorly maintained / Unreliable Access	<input type="checkbox"/> Poor visibility
<input type="checkbox"/> Waterfront Access		
<input type="checkbox"/> Other:		

Notes:

**Community Attitudes:**

Site Access	Access Conditions
<input checked="" type="checkbox"/> Highly supportive	<input type="checkbox"/> Highly controversial
<input type="checkbox"/> Moderately supportive	<input type="checkbox"/> Moderately controversial
<input type="checkbox"/> Not supportive	<input checked="" type="checkbox"/> Not controversial

Notes:

**Site Amenities:**

Amenity	Condition				Notes
Signs	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Benches	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent	Some benches are damaged and in the process of repair
Garbage Cans	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Memorials	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	
Lampposts	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent	



**General Condition:**

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Notes:

**Corrective Actions Needed:**

Action	Urgency			
Clean Signs	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Weeding	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Address Puddling Sources	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months
Repair Benches	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Notes:



Figure 65 Dirty Sign



Figure 66 Overgrown Weeds





Figure 67 Puddling Under Overhanging Buildings and Trees



Figure 68 Puddling from Overhanging Trees



Figure 69 Broken Bench Leg



Figure 70 Damaged Bench

**Planned Capital Improvement:**

Improvement	Timeline			
EcoCounter Installment	<input checked="" type="checkbox"/> <6 months	<input type="checkbox"/> 6-12 months	<input type="checkbox"/> 12-24 months	<input type="checkbox"/> 24+ months

Notes:

**STRENGTHS**

- Well maintained trail area
- Trail surface, stamped concrete and stone, in good condition

**WEAKNESSES**

- Puddling occurs where branches or building drip water onto concentrated spots on the trail
- Weeds growing through cracks in trail path and step/seating area
- Signs need to be cleaned of debris from nearby trees

**OPPORTUNITIES**

- Location for community events