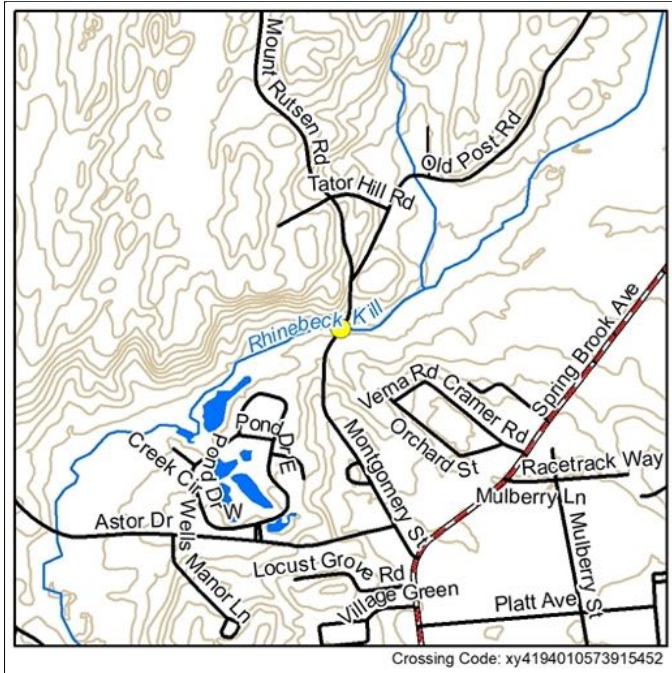


# Village-Managed Crossings

Entries are organized geographically by Map  
Index Key, beginning with A1



**RESULTS**

Barrier Evaluation: Insignificant barrier  
 Aquatic Organism Passage Score: 0.83  
 Current Maximum Return Period: 2  
 Future Maximum Return Period: 1

**LOCATION**

Coordinates: 41.93987,-73.91553  
 Reference Map Grid: C3  
 Date Observed: 2015-10-20  
 Survey ID: 28497  
 Protocol: NAACC

**STREAM AND CROSSING**

**CROSSING CHARACTERISTICS**

Crossing Type: Culvert  
 Length (feet): 33  
 Constriction: Spans Only Bankfull/Active Channel  
 Condition: OK  
 Alignment: Skewed (>45??)

**STREAM CHARACTERISTICS**

Scour Pool: Large  
 Water Depth/Velocity Matches Stream: No-Shallower  
 Substrate Matches Stream: Comparable  
 Substrate Type: Cobble  
 Substrate Coverage: 100%



## ROAD

Road Type/Surface: Paved

Road Fill Height (feet): 3

Road Ownership: Village

Return Interval (Years)	Peak Flow (cfs)	Culvert Capacity (cfs)	Pass/Fail
2	453	582.2	PASS
5	1165.7	582.2	FAIL
10	2053.6	582.2	FAIL
25	3819.2	582.2	FAIL
50	3819.2	582.2	FAIL
100	5663.4	582.2	FAIL

## STRUCTURE 1 OF 1

Material: Rock/Stone

Physical Barrier(s)/Severity: None

Internal Features/Structures: Other

Slope (%): 0.8

Outlet Armoring: None



### INLET

Inlet Shape/Type: Headwall

Inlet Drop/Grade: At Stream Grade

Width: 16 Height: 7.5

Substrate/Water Width: 16

Water Depth: 1.2

Abutment Height: No data



### OUTLET

Outlet Shape: Open Bottom Arch Bridge/Culvert

Outlet Drop/Grade: At Stream Grade

Drop to Stream Surface/Bottom: 0

Width: 14 Height: 7

Substrate/Water Width: 14

Water Depth: 1.2

---

## STRUCTURE 2 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%): 0

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom: 0  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0

---

## STRUCTURE 3 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:

---

## STRUCTURE 4 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

---

---

## STRUCTURE 5 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
Width: , Height:  
Substrate/Water Width:  
Water Depth:  
Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
Width: , Height:  
Substrate/Water Width:  
Water Depth:

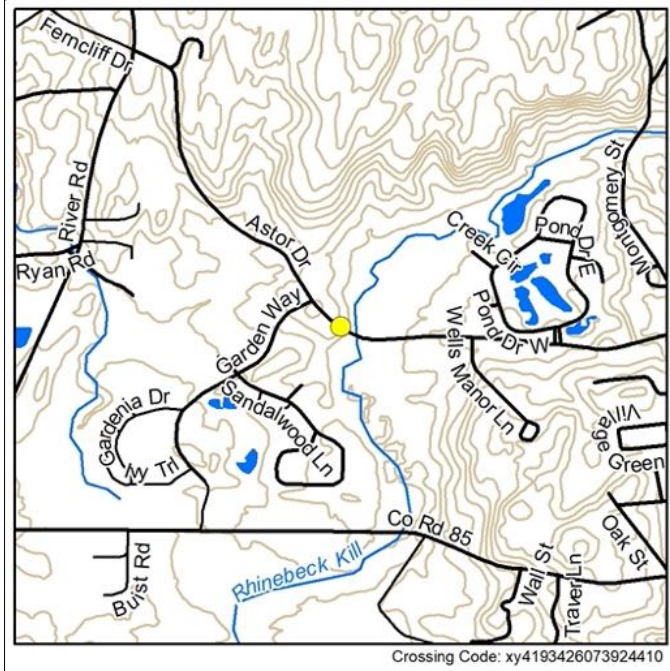
---

## ADDITIONAL PHOTOS

...	

...	





**RESULTS**

Barrier Evaluation: no score - missing data  
 Aquatic Organism Passage Score: 0  
 Current Maximum Return Period: No data  
 Future Maximum Return Period: No data

**LOCATION**

Coordinates: 41.93426,-73.92441  
 Reference Map Grid: C3  
 Date Observed: 2016-07-28  
 Survey ID: 34819  
 Protocol: NAACC

**STREAM AND CROSSING**

**CROSSING CHARACTERISTICS**

Crossing Type: Inaccessible  
 Length (feet): -1  
 Constriction: No data  
 Condition: No data  
 Alignment: No data

**STREAM CHARACTERISTICS**

Scour Pool: No data  
 Water Depth/Velocity Matches Stream:  
 Substrate Matches Stream:  
 Substrate Type:  
 Substrate Coverage:

<i>Upstream</i>	

<i>Downstream</i>	

**ROAD**

Road Type/Surface: Paved

Road Fill Height (feet): -1

Road Ownership: Village

Return Interval (Years)	Peak Flow (cfs)	Culvert Capacity (cfs)	Pass/Fail
2	No data	No data	PASS
5	No data	No data	PASS
10	No data	No data	PASS
25	No data	No data	PASS
50	No data	No data	PASS
100	No data	No data	PASS

**STRUCTURE 1 OF 1**

Material: No data

Physical Barrier(s)/Severity:

Internal Features/Structures: No data

Slope (%): -1

Outlet Armoring:

<b><i>Inlet</i></b>
---------------------

**INLET**

Inlet Shape/Type:

Inlet Drop/Grade:

Width: 0 Height: 0

Substrate/Water Width: 0

Water Depth: 0

Abutment Height: No data

<b><i>Outlet</i></b>
----------------------

**OUTLET**

Outlet Shape:

Outlet Drop/Grade:

Drop to Stream Surface/Bottom: 0

Width: 0 Height: 0

Substrate/Water Width: 0

Water Depth: 0

---

## STRUCTURE 2 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%): 0

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom: 0  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0

---

## STRUCTURE 3 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:

---

## STRUCTURE 4 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

---



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## STRUCTURE 5 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

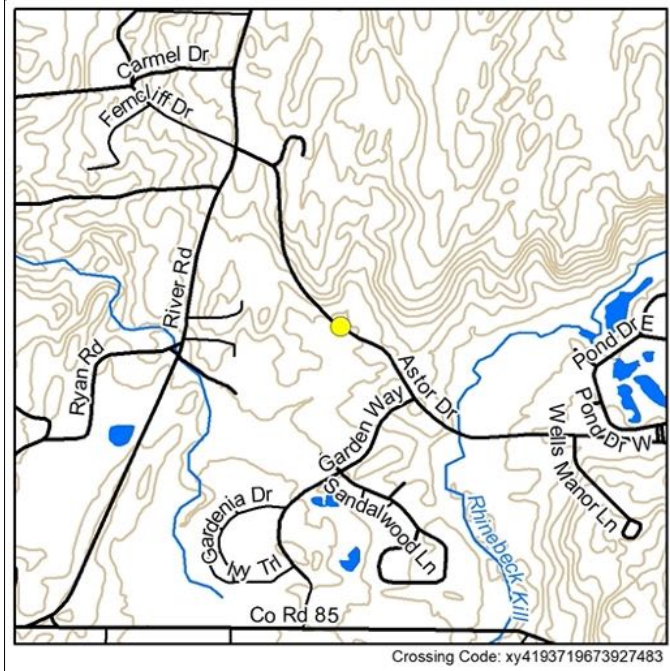
Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

---

## ADDITIONAL PHOTOS

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...	



**RESULTS**

Barrier Evaluation: no score - missing data  
 Aquatic Organism Passage Score: 0  
 Current Maximum Return Period: No data  
 Future Maximum Return Period: No data

**LOCATION**

Coordinates: 41.9372,-73.92748  
 Reference Map Grid: C3  
 Date Observed: 2018-09-14  
 Survey ID: 64857  
 Protocol: NAACC

**STREAM AND CROSSING**

**CROSSING CHARACTERISTICS**

Crossing Type: Inaccessible  
 Length (feet): 0  
 Constriction: Unknown  
 Condition: Unknown  
 Alignment: Flow-Aligned

**STREAM CHARACTERISTICS**

Scour Pool: Large  
 Water Depth/Velocity Matches Stream:  
 Substrate Matches Stream:  
 Substrate Type:  
 Substrate Coverage:

<b><i>Upstream</i></b>	

<b><i>Downstream</i></b>	

## ROAD

Road Type/Surface: Paved

Road Fill Height (feet): -1

Road Ownership: Village

Return Interval (Years)	Peak Flow (cfs)	Culvert Capacity (cfs)	Pass/Fail
2	No data	No data	PASS
5	No data	No data	PASS
10	No data	No data	PASS
25	No data	No data	PASS
50	No data	No data	PASS
100	No data	No data	PASS

---

## STRUCTURE 1 OF -1

Material:

Physical Barrier(s)/Severity: No culvert

Internal Features/Structures:

Slope (%): 0

Outlet Armoring:

<b><i>Inlet</i></b>	

### INLET

Inlet Shape/Type:

Inlet Drop/Grade:

Width: 0 Height: 0

Substrate/Water Width: 0

Water Depth: 0

Abutment Height: 0

<b><i>Outlet</i></b>	

### OUTLET

Outlet Shape:

Outlet Drop/Grade:

Drop to Stream Surface/Bottom: 0

Width: 0 Height: 0

Substrate/Water Width: 0

Water Depth: 0

---

## STRUCTURE 2 OF -1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%): 0

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom: 0  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0

---

## STRUCTURE 3 OF -1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:

---

## STRUCTURE 4 OF -1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

---

---

## STRUCTURE 5 OF -1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

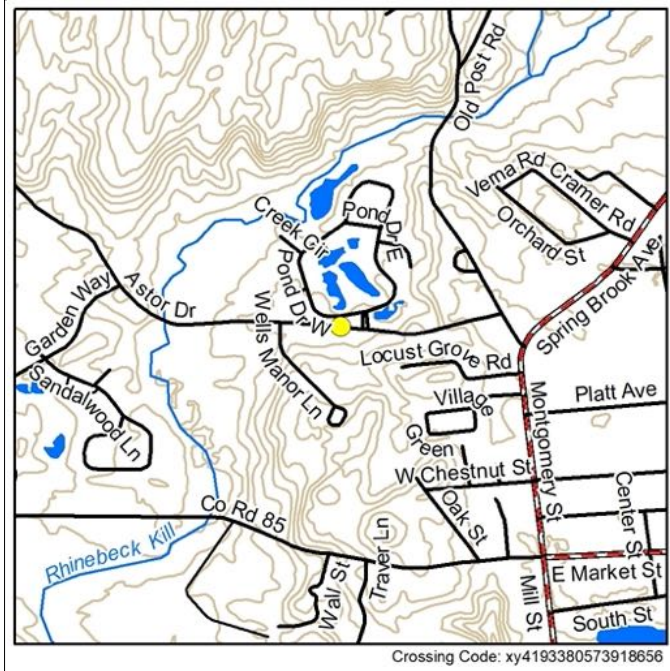
Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

---

## ADDITIONAL PHOTOS

...	

...	



**RESULTS**

Barrier Evaluation: Severe barrier  
 Aquatic Organism Passage Score: 0.11  
 Current Maximum Return Period: 0  
 Future Maximum Return Period: 0

**LOCATION**

Coordinates: 41.93376,-73.91848  
 Reference Map Grid: C4  
 Date Observed: 2015-07-29  
 Survey ID: 27816  
 Protocol: NAACC

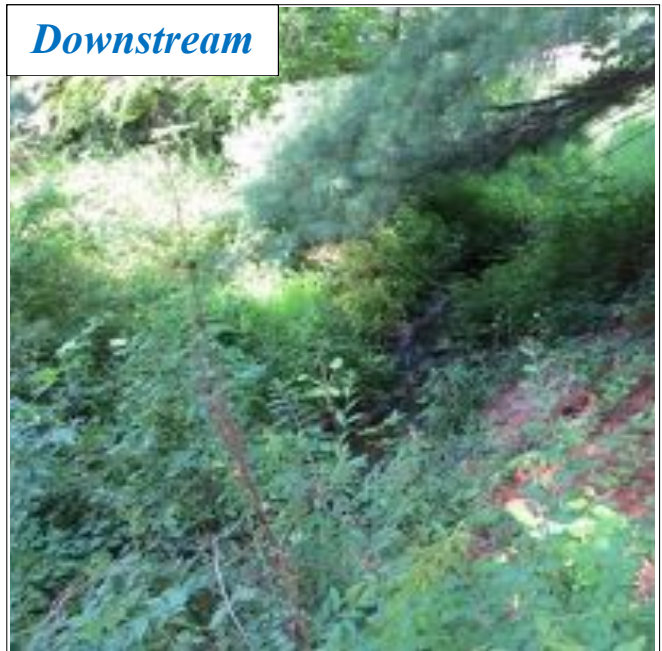
**STREAM AND CROSSING**

**CROSSING CHARACTERISTICS**

Crossing Type: Culvert  
 Length (feet): 25  
 Constriction: Moderate  
 Condition: OK  
 Alignment: Skewed (>45??)

**STREAM CHARACTERISTICS**

Scour Pool: None  
 Water Depth/Velocity Matches Stream:  
 Yes  
 Substrate Matches Stream: None  
 Substrate Type: None  
 Substrate Coverage: None





## ROAD

Road Type/Surface: Paved

Road Fill Height (feet): 4

Road Ownership: Village

Return Interval (Years)	Peak Flow (cfs)	Culvert Capacity (cfs)	Pass/Fail
2	22.6	1.6	FAIL
5	46	1.6	FAIL
10	71.1	1.6	FAIL
25	115.7	1.6	FAIL
50	115.7	1.6	FAIL
100	158.7	1.6	FAIL

## STRUCTURE 1 OF 1

Material: Combination

Physical Barrier(s)/Severity: None

Internal Features/Structures: None

Slope (%): 2.3

Outlet Armoring: Extensive



### INLET

Inlet Shape/Type: Projecting

Inlet Drop/Grade: At Stream Grade

Width: 1 Height: 1

Substrate/Water Width: 0.7

Water Depth: 0.1

Abutment Height: No data



### OUTLET

Outlet Shape: Round Culvert

Outlet Drop/Grade: Cascade

Drop to Stream Surface/Bottom: 1.5

Width: 1 Height: 1

Substrate/Water Width: 0.5

Water Depth: 0.2

---

## STRUCTURE 2 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%): 0

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom: 0  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0

---

## STRUCTURE 3 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:

---

## STRUCTURE 4 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

---

---

## STRUCTURE 5 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

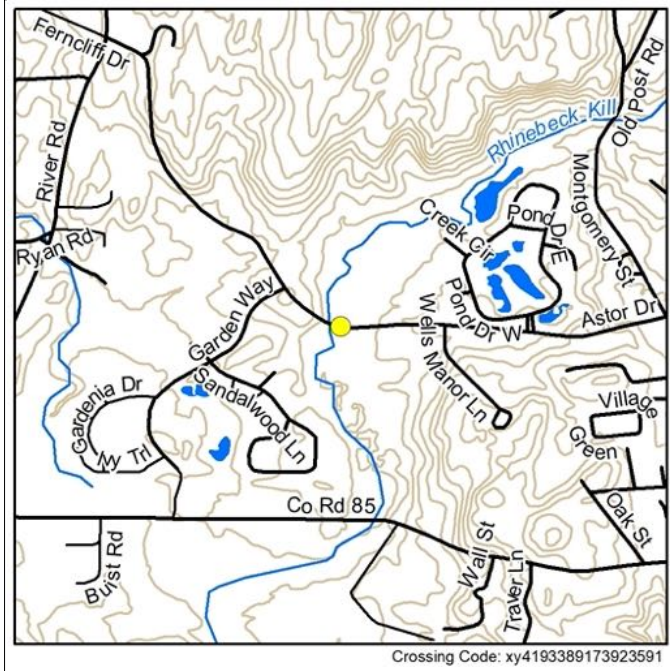
Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

---

## ADDITIONAL PHOTOS

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...	



**RESULTS**

Barrier Evaluation: Minor barrier  
 Aquatic Organism Passage Score: 0.75  
 Current Maximum Return Period: 2  
 Future Maximum Return Period: 1

**LOCATION**

Coordinates: 41.93393,-73.92359  
 Reference Map Grid: C4  
 Date Observed: 2015-07-29  
 Survey ID: 27817  
 Protocol: NAACC

**STREAM AND CROSSING**

**CROSSING CHARACTERISTICS**

Crossing Type: Culvert  
 Length (feet): 30  
 Constriction: Spans Only Bankfull/Active Channel  
 Condition: OK  
 Alignment: Flow-Aligned

**STREAM CHARACTERISTICS**

Scour Pool: Large  
 Water Depth/Velocity Matches Stream: Yes  
 Substrate Matches Stream: Comparable  
 Substrate Type: Silt  
 Substrate Coverage: 100%





## ROAD

Road Type/Surface: Paved

Road Fill Height (feet): 4

Road Ownership: Village

Return Interval (Years)	Peak Flow (cfs)	Culvert Capacity (cfs)	Pass/Fail
2	464.9	799	PASS
5	1186.4	799	FAIL
10	2083	799	FAIL
25	3865.7	799	FAIL
50	3865.7	799	FAIL
100	5729.2	799	FAIL

## STRUCTURE 1 OF 1

Material: Concrete

Physical Barrier(s)/Severity: None

Internal Features/Structures: None

Slope (%): 1.1

Outlet Armoring: None



### INLET

Inlet Shape/Type: Wingwalls

Inlet Drop/Grade: Inlet Drop

Width: 10 Height: 7

Substrate/Water Width: 10

Water Depth: 1

Abutment Height: No data



### OUTLET

Outlet Shape: Box Culvert

Outlet Drop/Grade: At Stream Grade

Drop to Stream Surface/Bottom: 0

Width: 10 Height: 7

Substrate/Water Width: 10

Water Depth: 1

---

## STRUCTURE 2 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%): 0

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom: 0  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0

---

## STRUCTURE 3 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:

---

## STRUCTURE 4 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

---



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## STRUCTURE 5 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
Width: , Height:  
Substrate/Water Width:  
Water Depth:  
Abutment Height:

### OUTLET

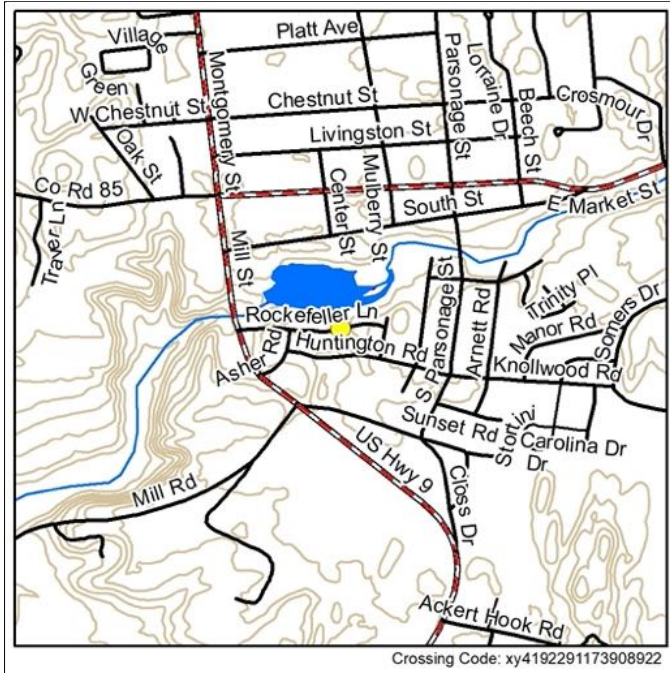
Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
Width: , Height:  
Substrate/Water Width:  
Water Depth:

---

## ADDITIONAL PHOTOS



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**RESULTS**

Barrier Evaluation: Insignificant barrier  
 Aquatic Organism Passage Score: 0.82  
 Current Maximum Return Period: 2  
 Future Maximum Return Period: 1

**LOCATION**

Coordinates: 41.92287,-73.90896  
 Reference Map Grid: C4  
 Date Observed: 2015-07-29  
 Survey ID: 27858  
 Protocol: NAACC

**STREAM AND CROSSING**

**CROSSING CHARACTERISTICS**

Crossing Type: Culvert  
 Length (feet): 41  
 Constriction: Moderate  
 Condition: OK  
 Alignment: Flow-Aligned

**STREAM CHARACTERISTICS**

Scour Pool: Small  
 Water Depth/Velocity Matches Stream: Yes  
 Substrate Matches Stream: Contrasting  
 Substrate Type: Sand  
 Substrate Coverage: 75%

<i>Upstream</i>	

<i>Downstream</i>	

---

## ROAD

Road Type/Surface: Paved

Road Fill Height (feet): 0.5

Road Ownership: Village

Return Interval (Years)	Peak Flow (cfs)	Culvert Capacity (cfs)	Pass/Fail
2	11.2	18.7	PASS
5	33.1	18.7	FAIL
10	68.3	18.7	FAIL
25	145.2	18.7	FAIL
50	145.2	18.7	FAIL
100	229.2	18.7	FAIL

---

## STRUCTURE 1 OF 1

Material: Concrete

Physical Barrier(s)/Severity: None

Internal Features/Structures: None

Slope (%): 1.8

Outlet Armoring: None



### INLET

Inlet Shape/Type: Projecting

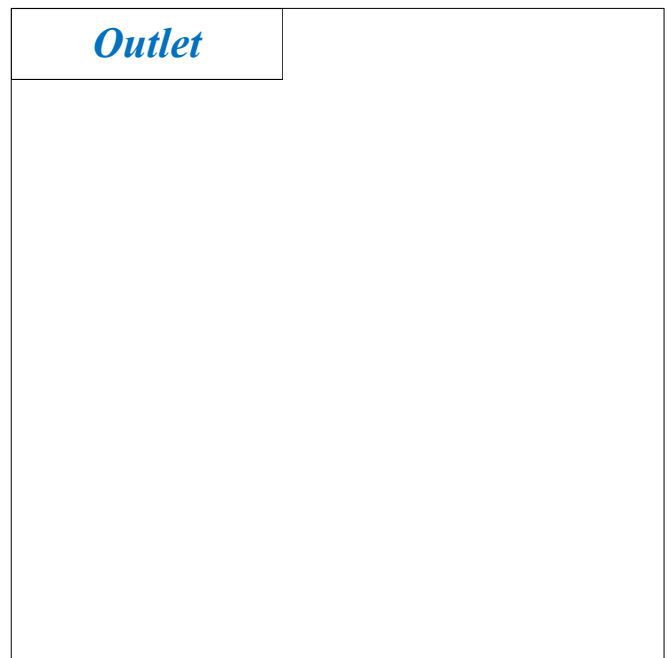
Inlet Drop/Grade: At Stream Grade

Width: 2 Height: 2

Substrate/Water Width: 1.5

Water Depth: 0.1

Abutment Height: No data



### OUTLET

Outlet Shape: Round Culvert

Outlet Drop/Grade: Free Fall

Drop to Stream Surface/Bottom: 0.6

Width: 2 Height: 2

Substrate/Water Width: 0.8

Water Depth: 0.2

---

## STRUCTURE 2 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%): 0

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom: 0  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0

---

## STRUCTURE 3 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:

---

## STRUCTURE 4 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

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## STRUCTURE 5 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

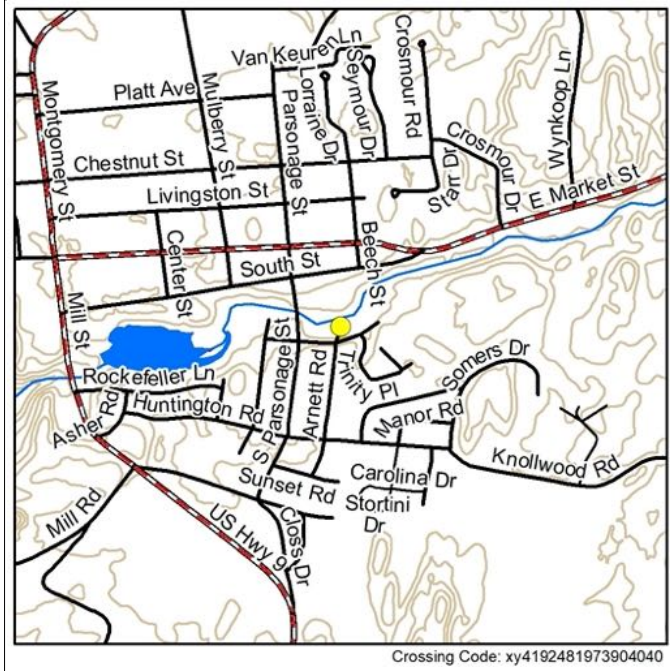
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## ADDITIONAL PHOTOS

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**RESULTS**

Barrier Evaluation: Insignificant barrier  
 Aquatic Organism Passage Score: 0.93  
 Current Maximum Return Period: No data  
 Future Maximum Return Period: No data

**LOCATION**

Coordinates: 41.92485,-73.90339  
 Reference Map Grid: C4  
 Date Observed: 2015-07-29  
 Survey ID: 27859  
 Protocol: NAACC

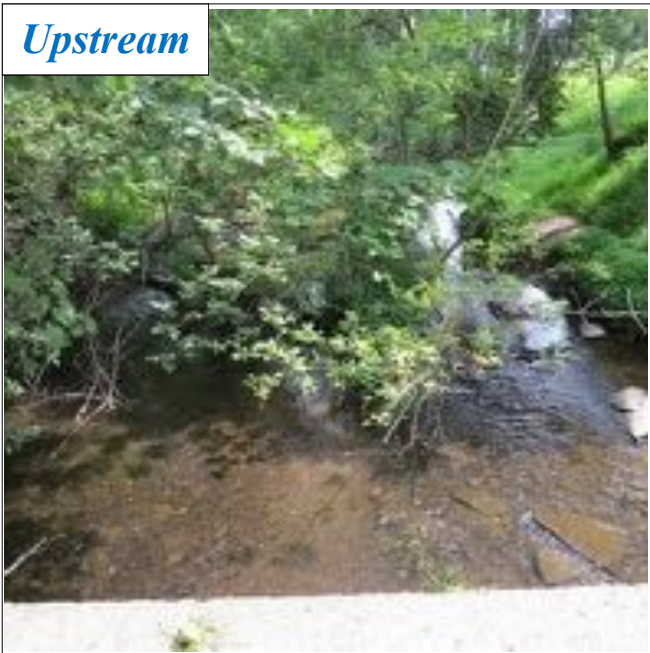
**STREAM AND CROSSING**

**CROSSING CHARACTERISTICS**

Crossing Type: Bridge  
 Length (feet): 12  
 Constriction: Spans Only Bankfull/Active Channel  
 Condition: OK  
 Alignment: Flow-Aligned

**STREAM CHARACTERISTICS**

Scour Pool: Small  
 Water Depth/Velocity Matches Stream: Yes  
 Substrate Matches Stream: Comparable  
 Substrate Type: Cobble  
 Substrate Coverage: 50%





## ROAD

Road Type/Surface: Trail

Road Fill Height (feet): 1

Road Ownership: Village

Return Interval (Years)	Peak Flow (cfs)	Culvert Capacity (cfs)	Pass/Fail
2	No data	No data	PASS
5	No data	No data	PASS
10	No data	No data	PASS
25	No data	No data	PASS
50	No data	No data	PASS
100	No data	No data	PASS

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## STRUCTURE 1 OF 1

Material: Concrete

Physical Barrier(s)/Severity: None

Internal Features/Structures: None

Slope (%): 1.1

Outlet Armoring: None



### INLET

Inlet Shape/Type: None

Inlet Drop/Grade: At Stream Grade

Width: 22 Height: 33.9

Substrate/Water Width: 22

Water Depth: 0.6

Abutment Height: No data



### OUTLET

Outlet Shape: Box/Bridge with Abutments

Outlet Drop/Grade: At Stream Grade

Drop to Stream Surface/Bottom: 0

Width: 22 Height: 3.9

Substrate/Water Width: 20

Water Depth: 0.6

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## STRUCTURE 2 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%): 0

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom: 0  
Dimensions:  
    Width: 0 Height: 0  
    Substrate/Water Width: 0  
    Water Depth: 0

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## STRUCTURE 3 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: Height:  
    Substrate/Water Width:  
    Water Depth:

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## STRUCTURE 4 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

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## STRUCTURE 5 OF 1

Material:  
Physical Barrier(s)/Severity:  
Internal Features/Structures:

Slope Matches Stream (%):

### INLET

Inlet Shape/Type:  
Inlet Drop/Grade:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:  
    Abutment Height:

### OUTLET

Outlet Shape:  
Outlet Drop/Grade:  
Drop to Stream Bottom:  
Dimensions:  
    Width: , Height:  
    Substrate/Water Width:  
    Water Depth:

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## ADDITIONAL PHOTOS

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