

RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.664200, -73.551770
 Location Description: 86 Reagan's Mill Rd.
 Date Observed: 2017-11-03
 Crossing Code: xy4166416073551900

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Multiple Culvert
 Number of structures/cells: 2
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 5
 Bankfull Width Confidence: Low/
 Estimated



Upstream



Downstream

Crossing Comments: Stormwater outfall at inlet and outlet

Road



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 2.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	11.86	4.32	0.89	No
5	13.29		1.09	No
10	14.13		1.22	No
25	15.08		1.37	No
50	15.72		1.47	No
100	16.3		1.57	No

STRUCTURE 1 OF 2

Material: Metal
Length (feet): 61.4
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 4.9%
Structure Comments: No data

Inlet



INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 2.4, Height: 2.3
Substrate/Water Width: 1.8
Water Depth: 0.2
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 2.6, Height: 2.6
Substrate/Water Width: 0.8
Water Depth: 0.1

STRUCTURE 2 OF 2

Material: Metal
Length (feet): 61.4
Dry Passage/Height (feet): No

Slope: 4.9%
Physical Barrier(s)/Severity: None
Structure Comments: No data

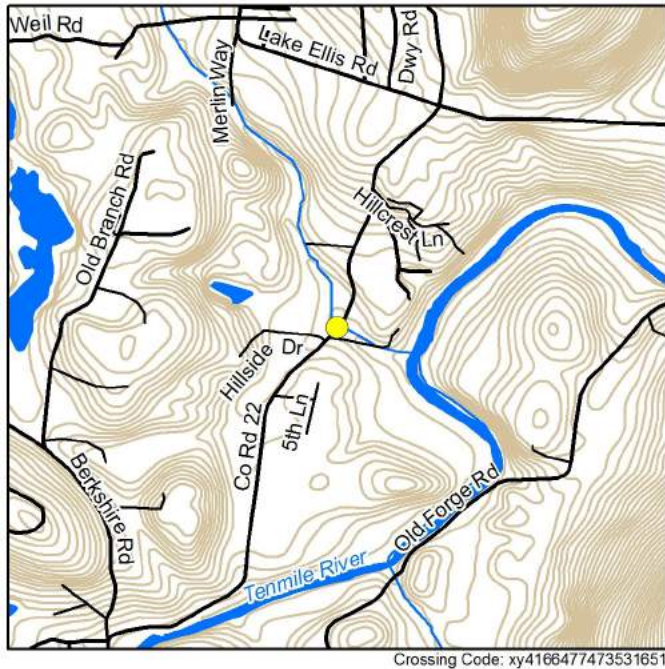
INLET

Inlet Shape/Type: Round Culvert/ Projecting
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 2.4 , Height: 2.3
Substrate/Water Width: 1.8
Water Depth: 0.2

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom (feet): 0.2/0.4
Dimensions (feet):
Width: 2.6, Height: 2.6
Substrate/Water Width: 0.8
Water Depth: 0.10

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RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.664770, -73.531670
 Location Description: Local ID TM-62
 Date Observed: 2016-05-31
 Crossing Code: xy4166477473531651

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: There is another stormwater outlet culvert dropping water into the inlet



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 2.8

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	N/A	N/A	N/A	N/A
5	N/A			
10	N/A			
25	N/A			
50	N/A			
100	N/A			

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 29.6
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: No data
Structure Comments: No data



Inlet

INLET

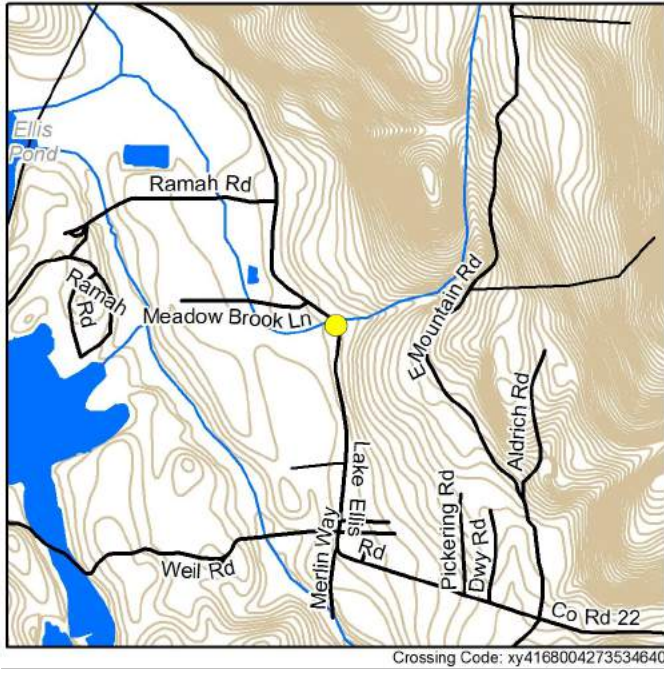
Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 10.6, Height: 6.5
Substrate/Water Width: 10.6
Water Depth: 2.6
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 8.0, Height: 5.4
Substrate/Water Width: 8.0
Water Depth: 1.5



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.679920, -73.534550
 Location Description: Local ID TM-72
 Date Observed: 2016-05-31
 Crossing Code: xy4168004273534640

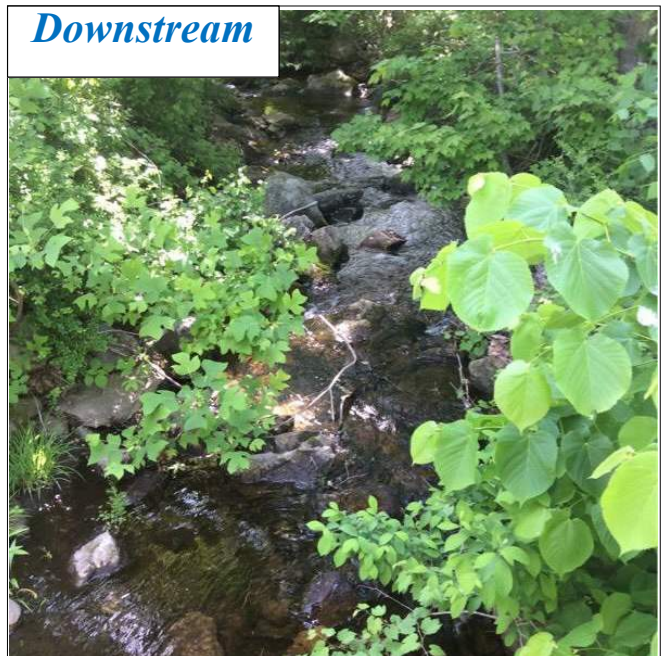
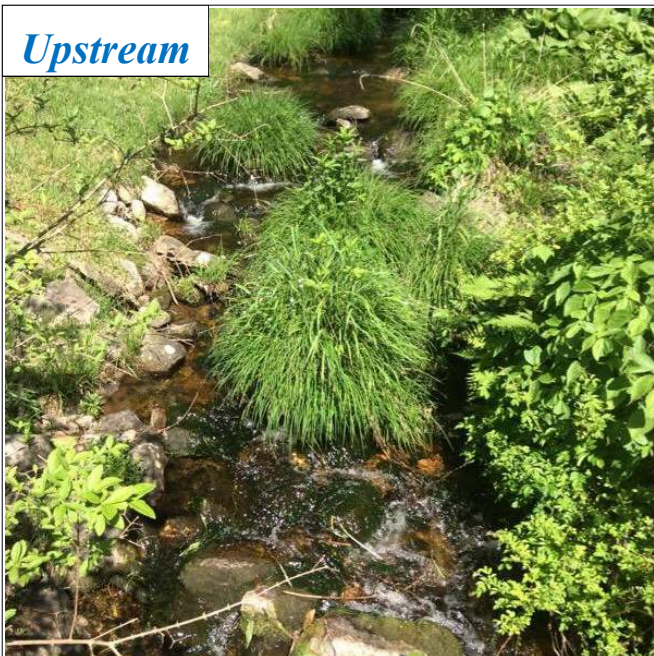
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 1.4

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	N/A	N/A	N/A	N/A
5	N/A			
10	N/A			
25	N/A			
50	N/A			
100	N/A			

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 19.2
 Internal Features/Structures: None
 Dry Passage/Height: No

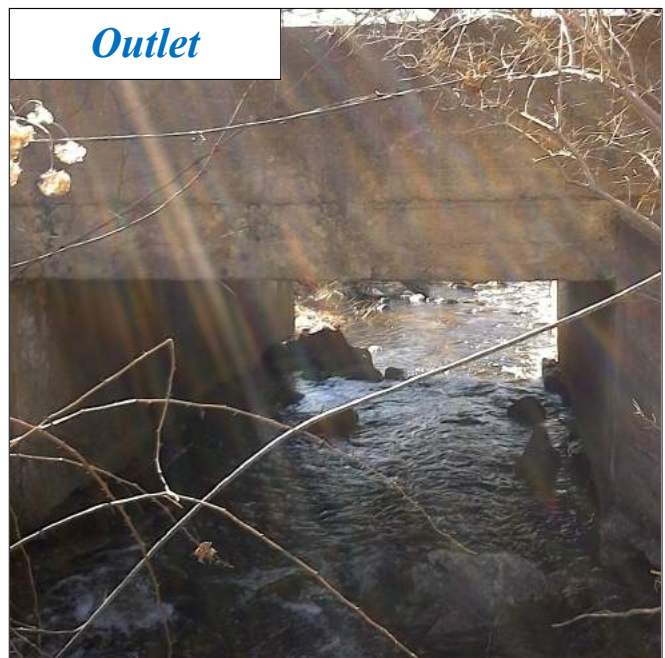
Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



Inlet

INLET

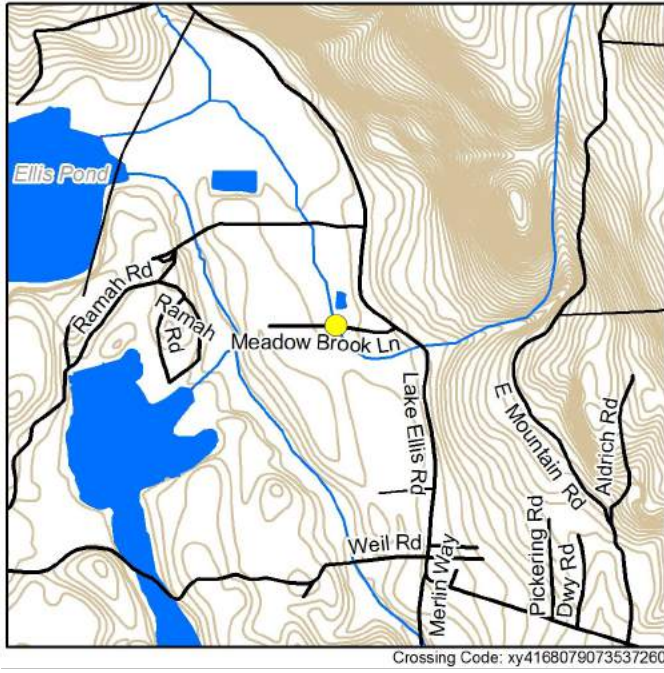
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 8.0, Height: 4.9
 Substrate/Water Width: 8.0
 Water Depth: 0.5
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 8.0, Height: 4.9
 Substrate/Water Width: 8.0
 Water Depth: 0.4



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.680790, -73.537260
 Location Description: Local ID TM-73
 Date Observed: 2016-06-01
 Crossing Code: xy4168079073537260

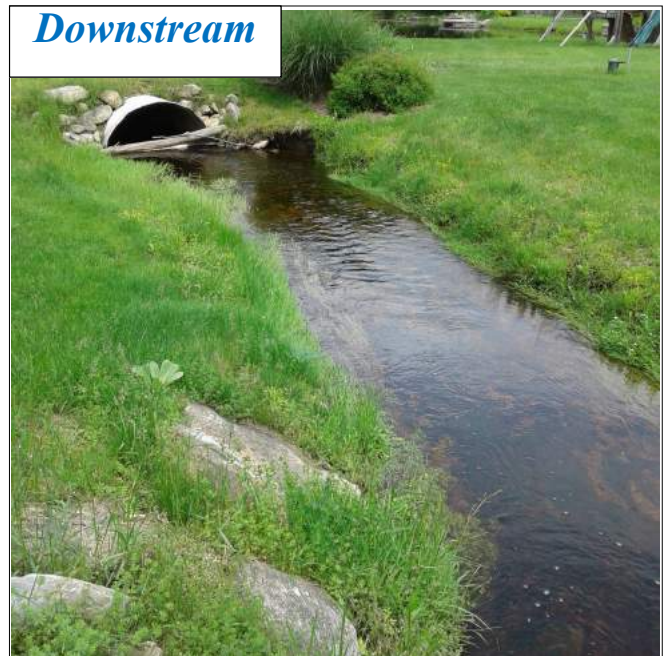
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 5.4

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	178.53	10.02	3.15	No
5	194.67		3.34	No
10	204.63		3.46	No
25	216.29		3.59	No
50	224.37		3.69	No
100	232.02		3.77	No

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 43.6
Internal Features/Structures: None
Dry Passage/Height: No

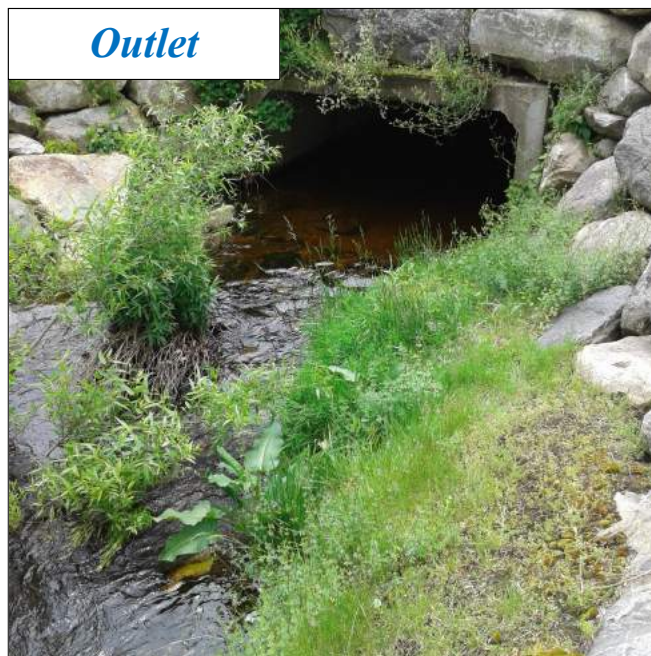
Physical Barrier(s)/Severity: None
Slope: No data
Structure Comments: No data



Inlet

INLET

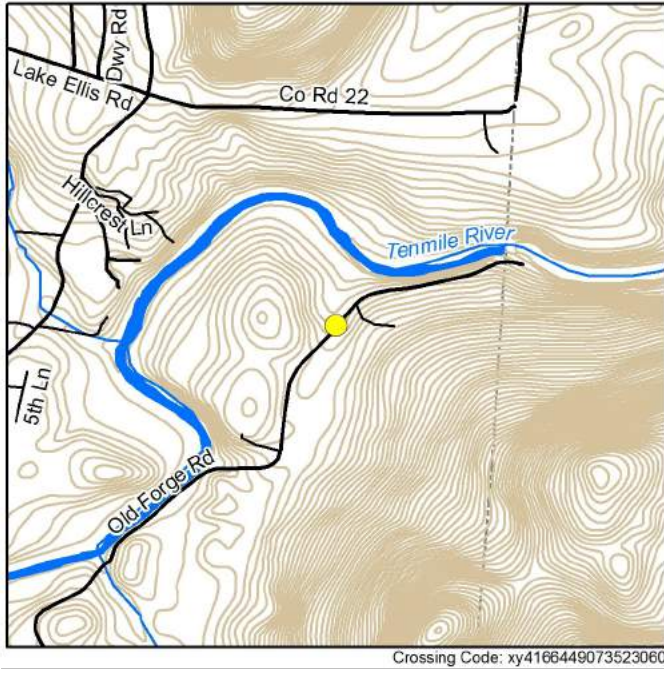
Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 7.6, Height: 5.1
Substrate/Water Width: 7.6
Water Depth: 1.4
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 8.0, Height: 4.2
Substrate/Water Width: 8.0
Water Depth: 1.0



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.664490, -73.523060
 Location Description: local ID TM-69
 Date Observed: 2016-05-31
 Crossing Code: xy4166449073523060

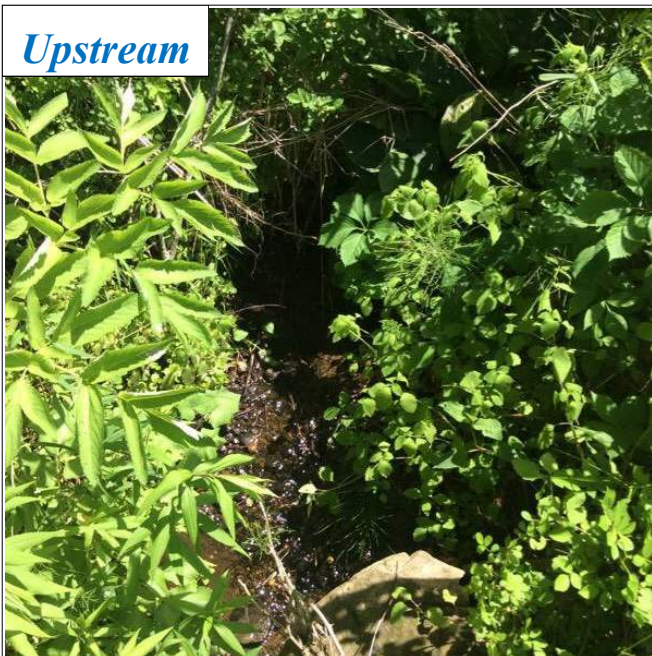
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Unpaved
 Road Fill Height (feet): 1.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	11.17	2.63	0.52	No
5	13.38		0.73	No
10	14.83		0.88	No
25	16.62		1.09	No
50	17.92		1.25	No
100	19.19		1.42	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 23.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: Deformation (Moderate)
 Slope: 2.4%
 Structure Comments: No data



Inlet

INLET

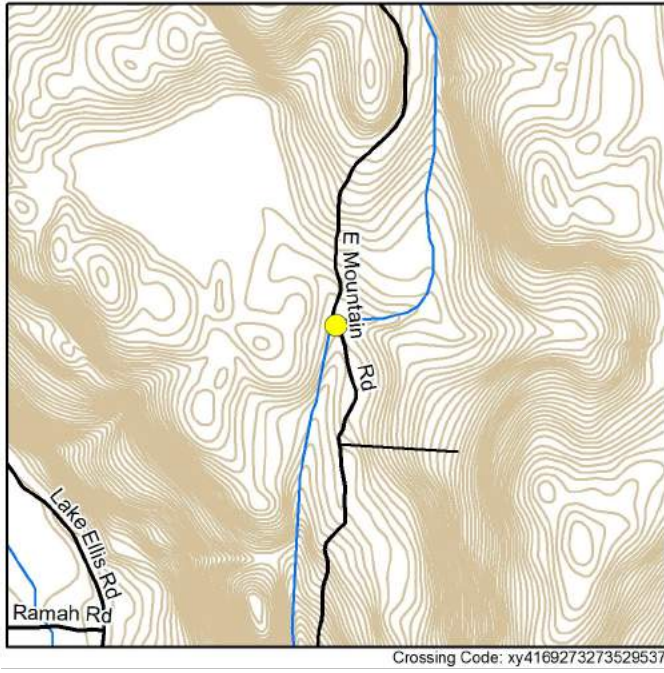
Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 1.3, Height: 1.3
 Substrate/Water Width: 0.8
 Water Depth: 0.1
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: Clogged/Collapsed/Submerged
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 1.2, Height: 1.0
 Substrate/Water Width: 1.2
 Water Depth: 0.5



RESULTS

Barrier Evaluation: Moderate barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 6 (Ranked 14 of 86)

LOCATION

Coordinates: 41.692730, -73.529580
 Location Description: Local ID TM-76
 Date Observed: 2016-06-01
 Crossing Code: xy4169273273529537

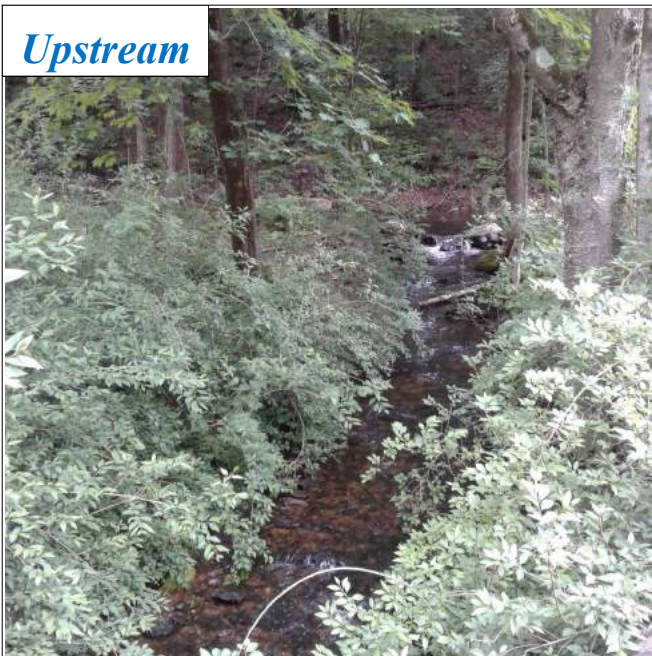
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Unpaved

Road Fill Height (feet): 0.3

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	99.86	6.07	3.07	No
5	108.4		3.3	No
10	113.85		3.45	No
25	120.38		3.62	No
50	124.99		3.74	No
100	129.42		3.86	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 23.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 1.4%
 Structure Comments: No data

Inlet



INLET

Inlet Shape/Type: Pipe Arch/Elliptical Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:

Width: 7.5, Height: 6.0
 Substrate/Water Width: 4.2
 Water Depth: 0.4
 Abutment Height: No data

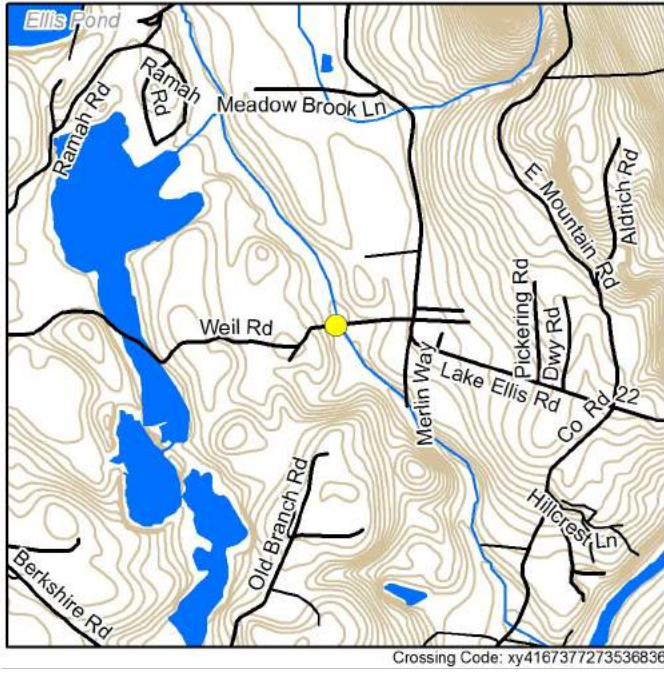
Outlet



OUTLET

Outlet Shape: Pipe Arch/Elliptical Culvert
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 0.5/ 2.3
 Dimensions:

Width: 7.5, Height: 6.0
 Substrate/Water Width: 4.2
 Water Depth: 0.2



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance: Town wants to widen the structure (no flooding issues, other than Irene)
 Overall Ranking: Tier 2 (Ranked 4 of 86)

LOCATION

Coordinates: 41.673760, -73.536860
 Location Description: Local ID TM-61
 Date Observed: 2016-05-31
 Crossing Code: xy4167377273536836

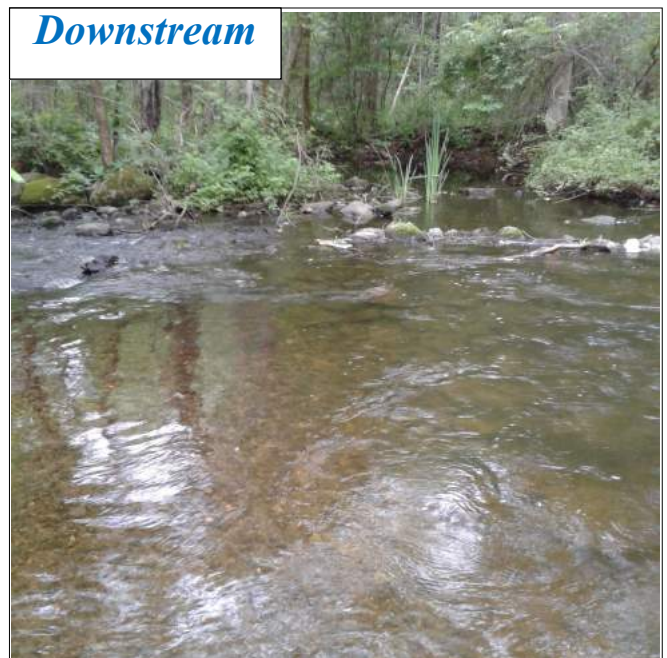
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Moderate
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Unpaved
Road Fill Height (feet): 2.6

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	475.64	6.89	2.9	No
5	523.8		3.39	No
10	554.58		3.72	No
25	591.5		4.13	No
50	617.56		4.43	No
100	642.66		4.73	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 19.5
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 3.0%
Structure Comments: No data



Inlet

INLET

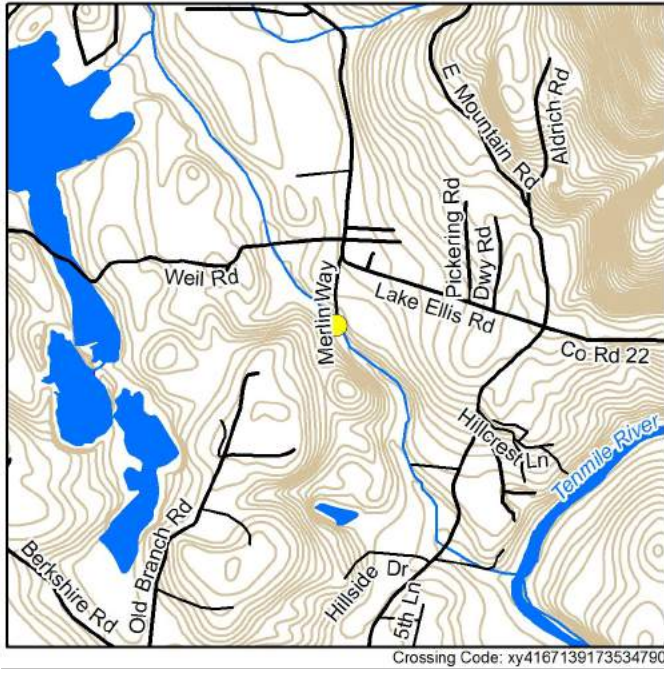
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 5.9, Height: 4.3
Substrate/Water Width: 5.3
Water Depth: 0.4
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 6.0, Height: 5.1
Substrate/Water Width: 5.0
Water Depth: 0.7



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 10 (Ranked 47 of 86)

LOCATION

Coordinates: 41.671282, -73.534666
 Location Description: Directly below power lines
 Date Observed: 2017-06-29
 Crossing Code: xy4167139173534790

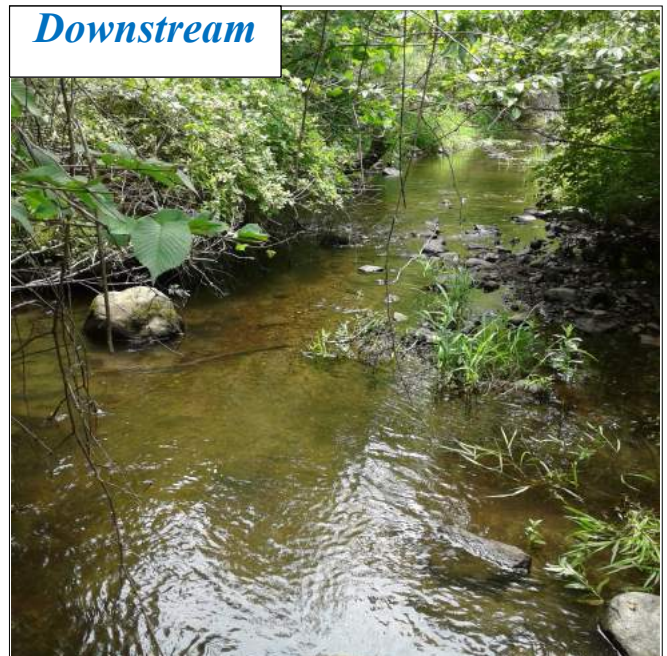
STREAM AND CROSSING

CROSSING CHARACTERISTICS

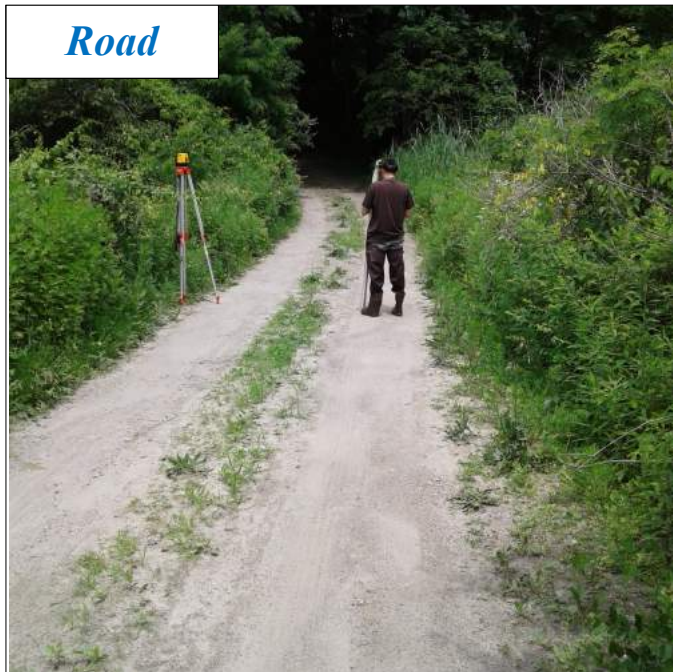
Crossing Type: Multiple Culvert
 Number of structures/cells: 2
 Condition: OK
 Constriction: Severe
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): 24.9
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Unpaved

Road Fill Height (feet): 2.7

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	483.94	8.5	3.9	No
5	532.76		4.55	No
10	563.98		4.99	No
25	601.49		5.54	No
50	627.98		5.94	No
100	653.51		6.34	No

STRUCTURE 1 OF 2

Material: Metal
 Length (feet): 30.5
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: Debris/Sediment/
 Rock (Minor)
 Slope: 2.3%
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: Unknown
 Dimensions:
 Width: 4.8, Height: 4.9
 Substrate/Water Width: 2.4
 Water Depth: 0.4
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.2/ 0.4
 Dimensions:
 Width: 4.8, Height: 4.9
 Substrate/Water Width: 2.4
 Water Depth: 0.4

STRUCTURE 2 OF 2

Material: Metal
Length (feet): 30.5
Dry Passage/Height (feet): No

Slope: 4.4%
Physical Barrier(s)/Severity: None
Structure Comments: No data

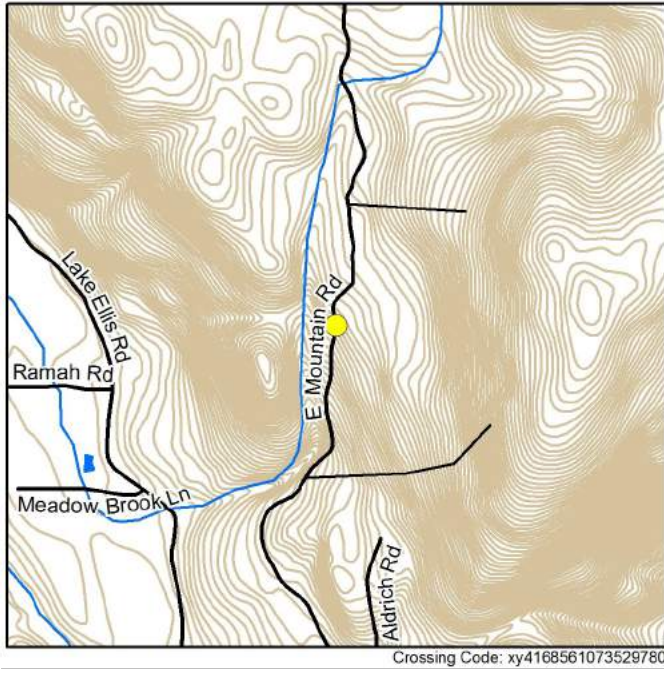
INLET

Inlet Shape/Type: Round Culvert/ Mitered to
Slope
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 4.9 , Height: 4.9
Substrate/Water Width: 2.8
Water Depth: 0.45

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom (feet): 0.0/0.5
Dimensions (feet):
Width: 4.8, Height: 4.9
Substrate/Water Width: 2.9
Water Depth: 0.40

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RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 8 (Ranked 33 of 86)

LOCATION

Coordinates: 41.685610, -73.529780
 Location Description: Local ID TM-75
 Date Observed: 2016-06-01
 Crossing Code: xy4168561073529780

STREAM AND CROSSING

CROSSING CHARACTERISTICS

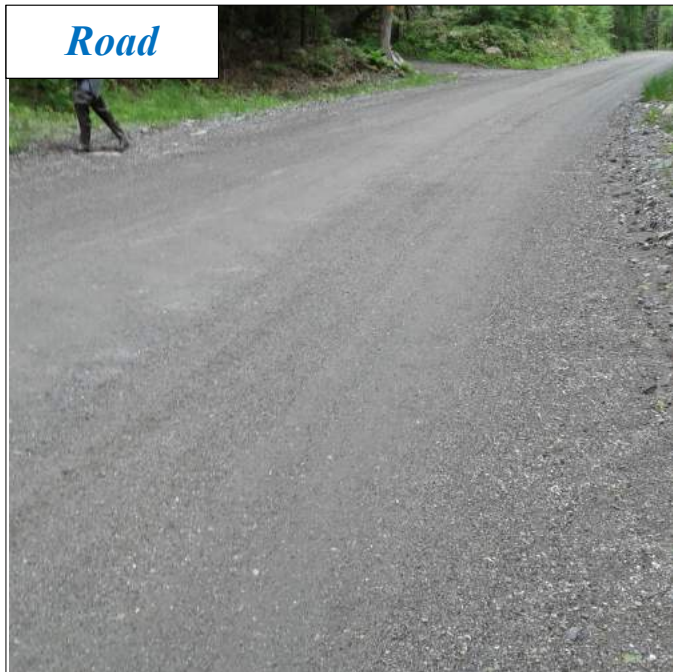
Crossing Type: Multiple Culvert
 Number of structures/cells: 2
 Condition: Poor
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Unpaved
Road Fill Height (feet): 1.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	4.19	2.66	0.64	No
5	4.61		0.79	No
10	4.88		0.89	No
25	5.21		1.01	No
50	5.44		1.11	No
100	5.66		1.2	No

STRUCTURE 1 OF 2

Material: Plastic
Length (feet): 38.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 9.3%
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: Inlet Drop
Dimensions:
Width: 1.1, Height: 1.3
Substrate/Water Width: 0.8
Water Depth: 0.1
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall Onto Cascade
Drop to Stream Surface/Bottom: 8.0/ 8.1
Dimensions:
Width: 1.2, Height: 1.3
Substrate/Water Width: 0.3
Water Depth: 0.1

STRUCTURE 2 OF 2

Material: Plastic
Length (feet): 38.5
Dry Passage/Height (feet): Yes

Slope: 8.9%
Physical Barrier(s)/Severity: Dry (Minor)
Structure Comments: No data

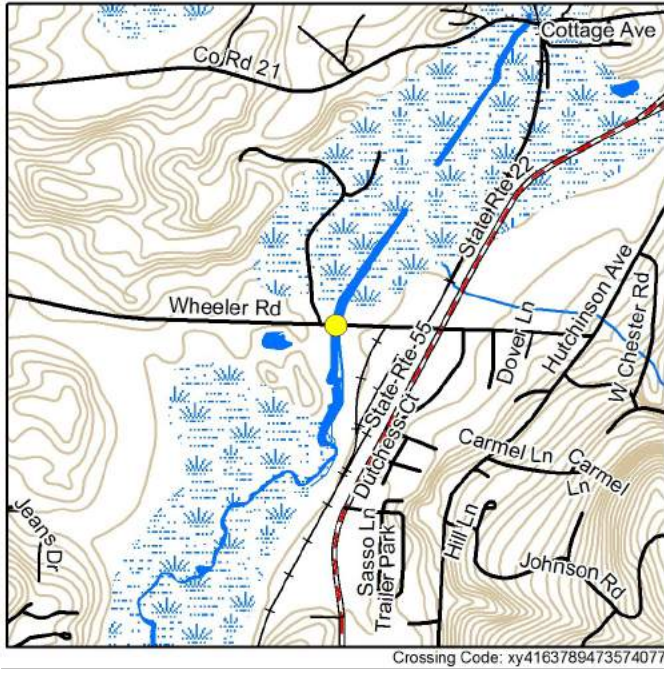
INLET

Inlet Shape/Type: Round Culvert/ Projecting
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 1.3 , Height: 0.9
Substrate/Water Width: 1.3
Water Depth: 0

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Clogged/Collapsed/Submerged
Drop to Stream Surface/Bottom (feet): 0.0/0.0
Dimensions (feet):
Width: 1.5, Height: 1.6
Substrate/Water Width: 0.0
Water Depth: 0.00

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RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.638040, -73.574070
 Location Description: 500 feet from Olivet golf
 Academy sign
 Date Observed: 2017-11-03
 Crossing Code: xy4163789473574077

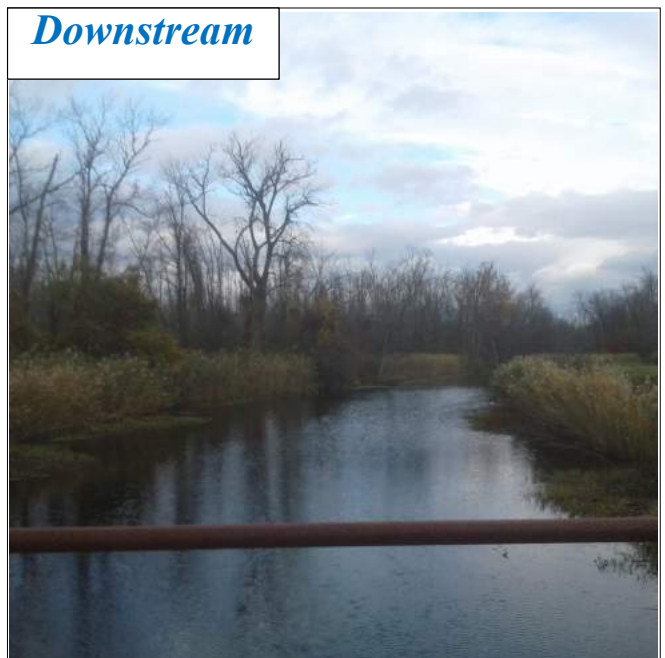
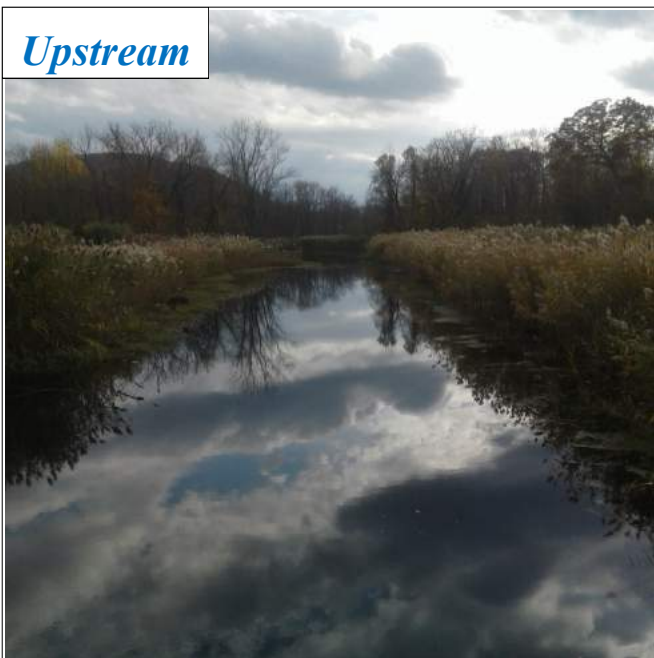
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 2
 Condition: Poor
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 15
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	1221.47	N/A	N/A	N/A
5	1388.39			
10	1494.28			
25	1620.92			
50	1710.42			
100	1796.3			

STRUCTURE 1 OF 2

Material: Concrete
 Length (feet): 29.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data

Inlet



INLET

Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 30.2, Height: 9.0
 Substrate/Water Width: 30.2
 Water Depth: 5.0
 Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 30.0, Height: 9.5
 Substrate/Water Width: 30.0
 Water Depth: 5.0

STRUCTURE 2 OF 2

Material: Concrete
Length (feet): 29.0
Dry Passage/Height (feet): No

Slope:
Physical Barrier(s)/Severity: None
Structure Comments: No data

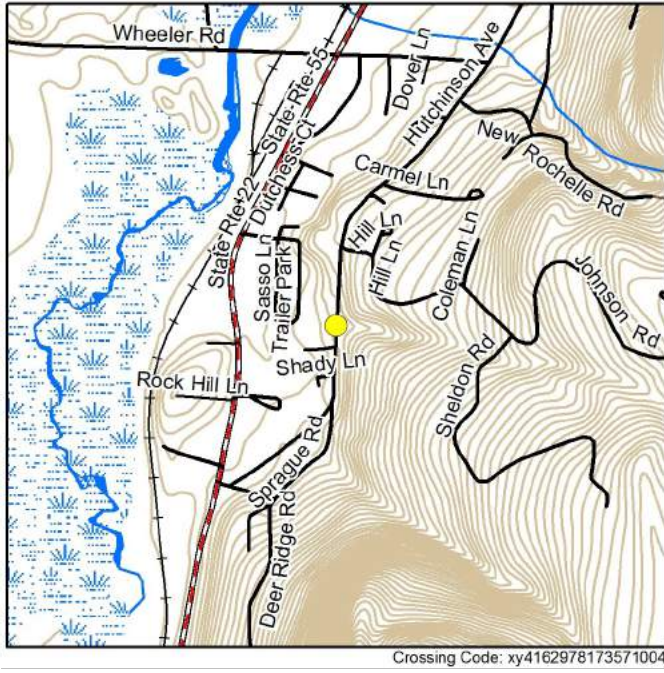
INLET

Inlet Shape/Type: Box/Bridge with Abutments/
Headwall
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 30.2 , Height: 8.7
Substrate/Water Width: 30.2
Water Depth: 4.5

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom (feet): 0.0/0.0
Dimensions (feet):
Width: 30.2, Height: 10.0
Substrate/Water Width: 30.2
Water Depth: 5.40

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RESULTS

Barrier Evaluation: Severe barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 6 (Ranked 14 of 86)

LOCATION

Coordinates: 41.629991, -73.570834
 Location Description: Directly near "5 ton" sign
 Date Observed: 2017-06-13
 Crossing Code: xy4162978173571004

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): 9.5
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	29.03	7.82	2.37	No
5	32.37		2.55	No
10	34.46		2.66	No
25	36.93		2.79	No
50	38.66		2.87	No
100	40.31		2.96	No

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 29.8
Internal Features/Structures: None
Dry Passage/Height: Yes

Physical Barrier(s)/Severity: None
Slope: 1.9%
Structure Comments: No data



Inlet

INLET

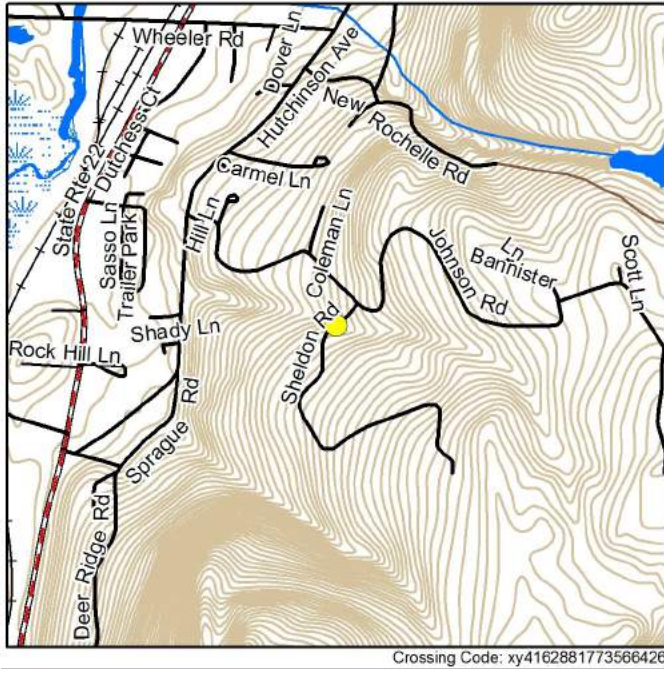
Inlet Shape/Type: Box Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 7.8, Height: 5.4
Substrate/Water Width: 4.4
Water Depth: 0.1
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box Culvert
Outlet Drop/Grade: Cascade
Drop to Stream Surface/Bottom: 2.0/ 2.1
Dimensions:
Width: 7.8, Height: 5.5
Substrate/Water Width: 1.5
Water Depth: 0.1



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 7 (Ranked 22 of 86)

LOCATION

Coordinates: 41.627220, -73.566350
 Location Description: 200' from corner of Johnson Hill and Sheldon
 Date Observed: 2017-10-12
 Crossing Code: xy4162881773566426

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): 12.8
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: Tree fell onto section near out creating hole

Road



ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 9.2

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	23.61	14.88	0.44	No
5	26.22		0.47	No
10	27.84		0.49	No
25	29.76		0.52	No
50	31.1		0.53	No
100	32.37		0.55	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 68.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 6.6%
 Structure Comments: No data

Inlet



INLET

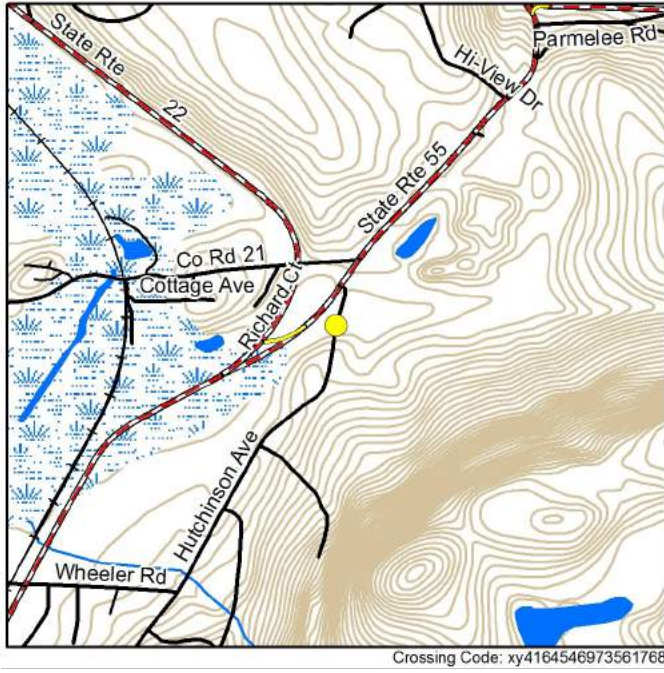
Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 5.7, Height: 6.1
 Substrate/Water Width: 1.2
 Water Depth: 0.0
 Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 5.8, Height: 6.1
 Substrate/Water Width: 1.6
 Water Depth: 0.0



Crossing Code: xy4164546973561768

RESULTS

Barrier Evaluation: Minor barrier
Town Comments on Condition/Maintenance:
Not Ranked
Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.645410, -73.561790
Location Description: 700 feet from Route 55
across from mobile station
Date Observed: 2017-11-03
Crossing Code: xy4164546973561768

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
Number of structures/cells: 1
Condition: Poor
Constriction: Severe
Alignment: Flow-Aligned
Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
Bankfull Width (feet): 15
Bankfull Width Confidence: Low/
Estimated



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	49.12	N/A	N/A	N/A
5	55.09			
10	58.58			
25	62.51			
50	65.15			
100	67.57			

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 30.2
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: Debris/Sediment/
 Rock (Minor)
 Slope: No data
 Structure Comments: Debris in front of inlet.

Inlet



INLET

Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 5.1, Height: 2.4
 Substrate/Water Width: 5.1
 Water Depth: 0.4
 Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 5.1, Height: 5.1
 Substrate/Water Width: 5.1
 Water Depth: 1.1



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.629750, -73.544150
 Location Description: 100' from Deuel Hollow Rd.
 Date Observed: 2017-10-12
 Crossing Code: xy4162971473543863

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 15
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Unpaved
Road Fill Height (feet): 0.9

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	326.94	9.19	2.72	No
5	367.69		3	No
10	393.86		3.17	No
25	425.41		3.38	No
50	447.8		3.53	No
100	469.46		3.67	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 20.4
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 1.3%
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Pipe Arch/Elliptical Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 12.7, Height: 8.3
Substrate/Water Width: 12.7
Water Depth: 2.8
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Pipe Arch/Elliptical Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 12.7, Height: 8.3
Substrate/Water Width: 12.7
Water Depth: 2.9



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.631248, -73.544132
 Location Description: telephone pole NYSEG E 6042
 Date Observed: 2018-03-23
 Crossing Code: xy4163120073544170

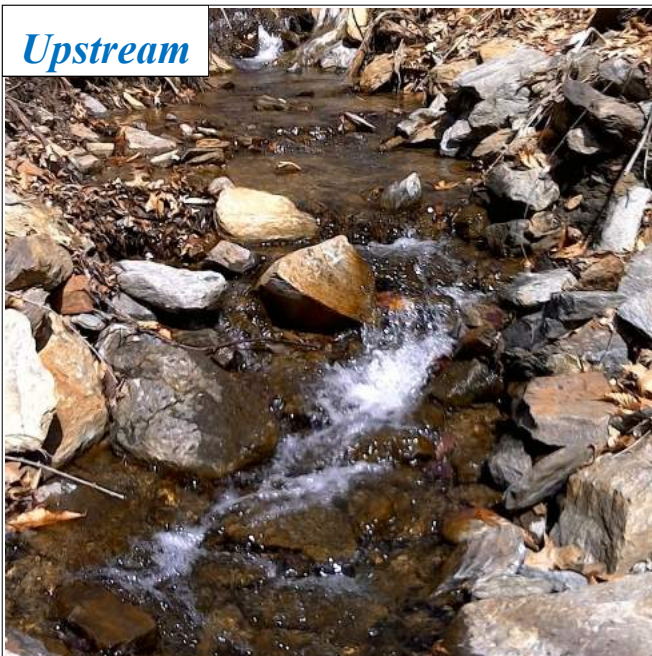
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: New
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 14
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Unpaved
Road Fill Height (feet): 1.6

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	20.92	1.7	0.93	No
5	22.96		1.13	No
10	24.24		1.26	No
25	25.75		1.42	No
50	26.81		1.53	No
100	27.82		1.65	No

STRUCTURE 1 OF 1

Material: Combination
Length (feet): 39.2
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 7.2%
Structure Comments: No data

Inlet



INLET

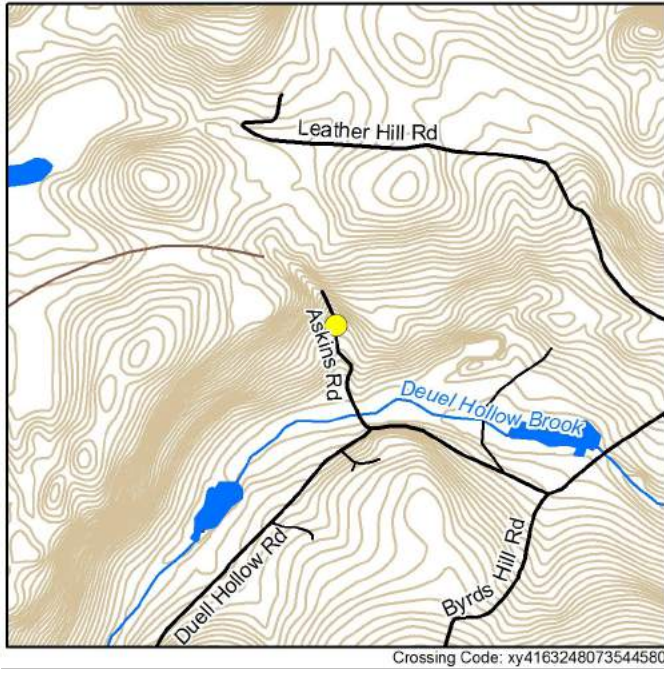
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 2.7, Height: 4.0
Substrate/Water Width: 1.7
Water Depth: 0.1
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 3.9, Height: 4.0
Substrate/Water Width: 1.1
Water Depth: 0.05



RESULTS

Barrier Evaluation: Moderate barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.632474, -73.544558
 Location Description: 300ft from 34 Askins Rd.
 Date Observed: 2018-03-23
 Crossing Code: xy4163248073544580

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: New
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 24
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Unpaved
Road Fill Height (feet): 0.4

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	20.14	1.34	0.91	No
5	22.09		1.15	No
10	23.31		1.31	No
25	24.75		1.51	No
50	25.76		1.65	No
100	26.72		1.79	No

STRUCTURE 1 OF 1

Material: Plastic
Length (feet): 71.4
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 5.1%
Structure Comments: No data

Inlet



INLET

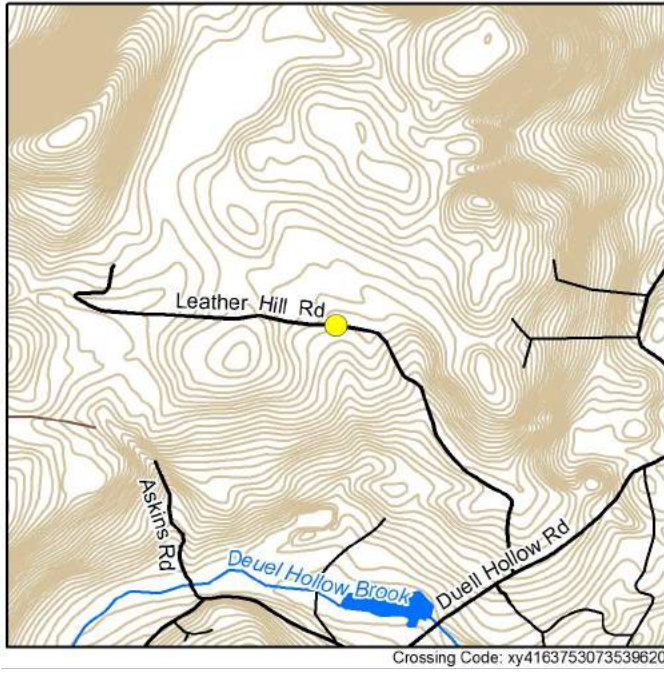
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 3.9, Height: 4.0
Substrate/Water Width: 1.5
Water Depth: 0.2
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall Onto Cascade
Drop to Stream Surface/Bottom: 0.5/ 0.9
Dimensions:
Width: 3.9, Height: 4.0
Substrate/Water Width: 1.3
Water Depth: 0.1



RESULTS

Barrier Evaluation: Moderate barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.637403, -73.539794
 Location Description: just past 122 leather hill road
 Date Observed: 2018-03-23
 Crossing Code: xy4163753073539620

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 7
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



ROAD

Road Type/Surface: Unpaved
 Road Fill Height (feet): 0.4

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	8.95	0.64	0.68	No
5	9.93		0.82	No
10	10.57		0.92	No
25	11.36		1.05	No
50	11.93		1.14	No
100	12.48		1.24	No

STRUCTURE 1 OF 1

Material: Plastic
 Length (feet): 38.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



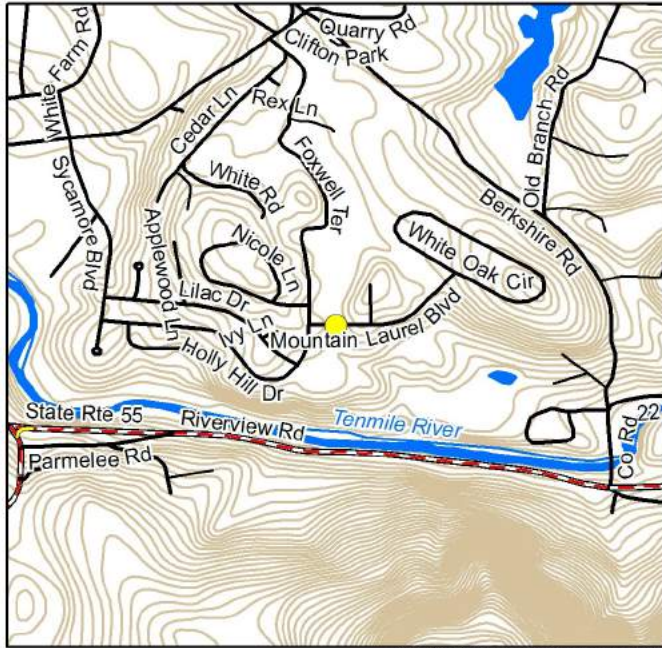
INLET

Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 1.3, Height: 1.4
 Substrate/Water Width: 0.9
 Water Depth: 0.3
 Abutment Height: No data



OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 0.1/ 0.2
 Dimensions:
 Width: 1.3, Height: 1.3
 Substrate/Water Width: 0.5
 Water Depth: 0.0



Crossing Code: xy4165799373546494

RESULTS

Barrier Evaluation: Minor barrier

Town Comments on Condition/Maintenance:

Not Ranked

Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.657984, -73.546437

Location Description: as soon as you turn onto mountain laurel blvd

Date Observed: 2018-03-23

Crossing Code: xy4165799373546494

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Multiple Culvert

Number of structures/cells: 2

Condition: OK

Constriction: Severe

Alignment: Flow-Aligned

Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None

Bankfull Width (feet): 16

Bankfull Width Confidence: Low/
Estimated



Upstream



Downstream

Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 13.6

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	11.43	5.37	0.11	No
5	12.83		0.12	No
10	13.73		0.13	No
25	14.83		0.14	No
50	15.61		0.15	No
100	16.37		0.16	No

STRUCTURE 1 OF 2

Material: Concrete
 Length (feet): 68.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope:
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 4.0, Height: 4.0
 Substrate/Water Width: 2.5
 Water Depth: 0.5
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 0.4/ 0.5
 Dimensions:
 Width: 4.0, Height: 4.0
 Substrate/Water Width: 3.0
 Water Depth: 0.5

STRUCTURE 2 OF 2

Material: Concrete
Length (feet): 39.0
Dry Passage/Height (feet): Yes

Slope: 1.1%
Physical Barrier(s)/Severity: Debris/Sediment/
Rock,Dry (Severe)

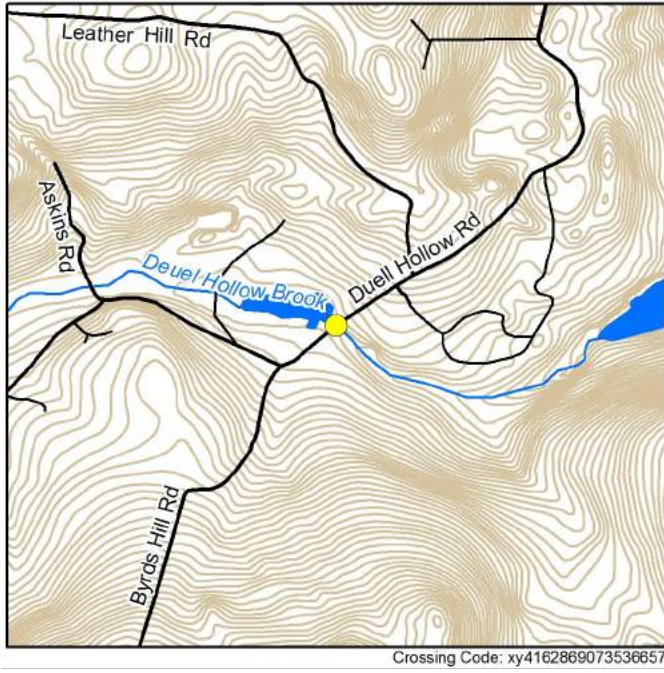
INLET

Inlet Shape/Type: Round Culvert/ Headwall and
Wingwalls
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 4.0 , Height: 4.0
Substrate/Water Width: No data
Water Depth: No data

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom (feet): 0.5/0.5
Dimensions (feet):
Width: 3.9, Height: 4.0
Substrate/Water Width: 1.8
Water Depth: 0.00

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RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.628730, -73.536660
 Location Description: Local ID TM-11
 Date Observed: 2016-05-23
 Crossing Code: xy4162869073536657

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	386.94	N/A	N/A	N/A
5	433.5			
10	463.48			
25	499.71			
50	525.45			
100	550.37			

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 28.0
 Internal Features/Structures: None
 Dry Passage/Height: Yes

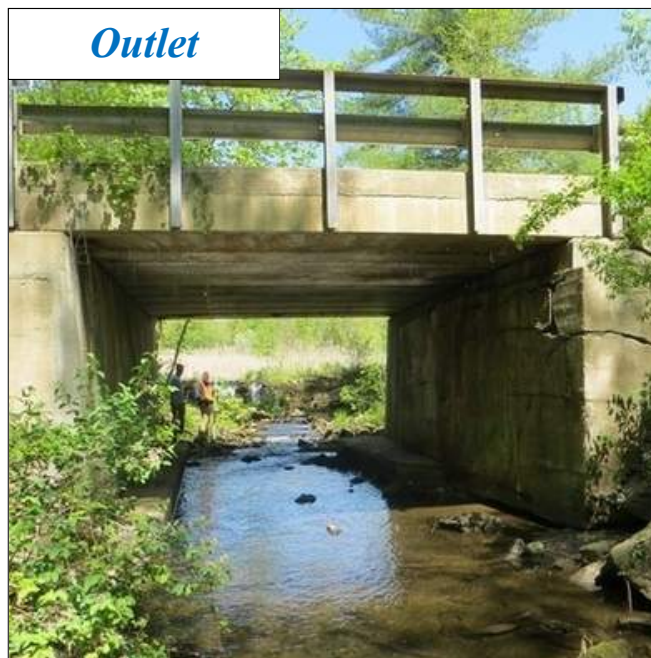
Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 11.5, Height: 11.8
 Substrate/Water Width: 11.5
 Water Depth: 0.5
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 14.0, Height: 11.8
 Substrate/Water Width: 14.0
 Water Depth: 1.4



RESULTS

Barrier Evaluation: No barrier

Town Comments on Condition/Maintenance:
Not Ranked

Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.653770, -73.538250

Location Description: Local ID TM-67

Date Observed: 2016-05-31

Crossing Code: xy4165384473538414

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge Adequate

Number of structures/cells: 1

Condition: OK

Constriction: Spans Only Bankfull/Active Channel

Alignment: Flow-Aligned

Internal Features/Structures:

STREAM CHARACTERISTICS

Scour Pool: None

Bankfull Width (feet): No data

Bankfull Width Confidence: No data



Crossing Comments: Bridge Adequate

Road



ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	2638.86	N/A	N/A	
5	3711.39			
10	4627.95			
25	6033.29			
50	7265.56			
100	8671.95			

STRUCTURE 1 OF 1

Material:
 Length (feet): 0.0
 Internal Features/Structures:
 Dry Passage/Height:

Physical Barrier(s)/Severity: No culvert
 Slope: No data
 Structure Comments:

Inlet



INLET

Inlet Shape/Type:
 Inlet Drop/Grade:
 Dimensions:
 Width: 0.0, Height: 0.0
 Substrate/Water Width: 0.0
 Water Depth: 0.0
 Abutment Height:

Outlet



OUTLET

Outlet Shape:
 Outlet Drop/Grade:
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 0.0, Height: 0.0
 Substrate/Water Width: 0.0
 Water Depth: 0.0



RESULTS

Barrier Evaluation: Insignificant barrier
Town Comments on Condition/Maintenance:
Not Ranked
Overall Ranking: Tier 11 (Ranked 52 of 86)

LOCATION

Coordinates: 41.654870, -73.538740
Location Description: Local ID TM-66
Date Observed: 2016-05-31
Crossing Code: xy4165489073538440

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
Number of structures/cells: 1
Condition: OK
Constriction: Moderate
Alignment: Skewed (>45°)
Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
Bankfull Width (feet): No data
Bankfull Width Confidence: No data



Crossing Comments: Poor Condition. Spoke to resident who believes guardrail should be added and said many accidents occur at this turn and the cars flip into the stream. Usually



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 3.3

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	1.21	4.3	0.34	No
5	1.41		0.38	No
10	1.54		0.4	No
25	1.68		0.42	No
50	1.77		0.44	No
100	1.86		0.46	No

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 23.0
Internal Features/Structures: None
Dry Passage/Height: Yes

Physical Barrier(s)/Severity: None
Slope: 1.3%
Structure Comments: No data



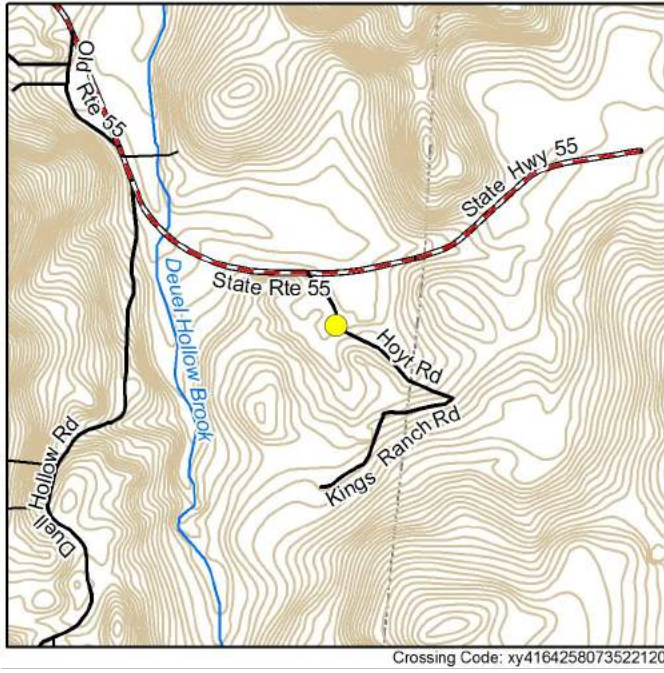
INLET

Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 3.0, Height: 1.5
Substrate/Water Width: 3.0
Water Depth: 0.3
Abutment Height: No data



OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 4.0, Height: 1.7
Substrate/Water Width: 4.0
Water Depth: 0.1



RESULTS

Barrier Evaluation: Severe barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 7 (Ranked 22 of 86)

LOCATION

Coordinates: 41.642580, -73.522120
 Location Description: local id tm-71
 Date Observed: 2016-05-31
 Crossing Code: xy4164258073522120

STREAM AND CROSSING

CROSSING CHARACTERISTICS

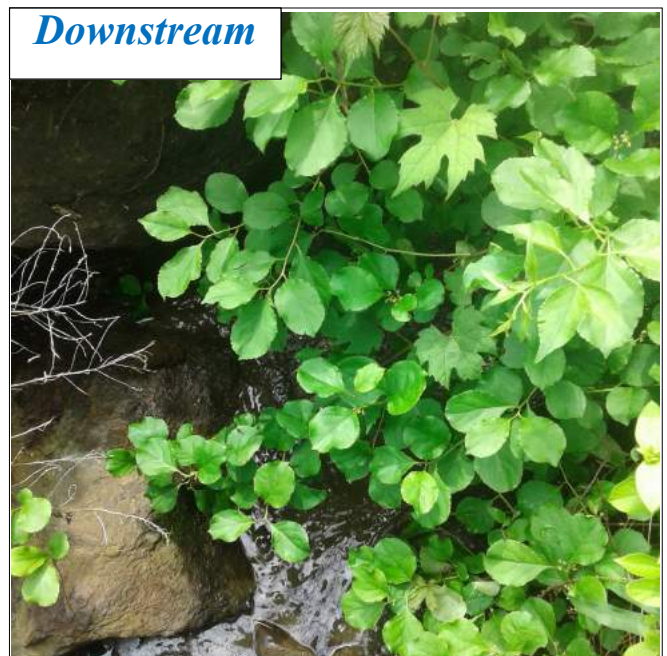
Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Upstream



Downstream

Crossing Comments: No data



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 0.2

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	9.93	2.19	1.24	No
5	10.98		1.51	No
10	11.64		1.7	No
25	12.42		1.93	No
50	12.96		2.1	No
100	13.48		2.26	Yes

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 28.5
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 2.3%
Structure Comments: No data



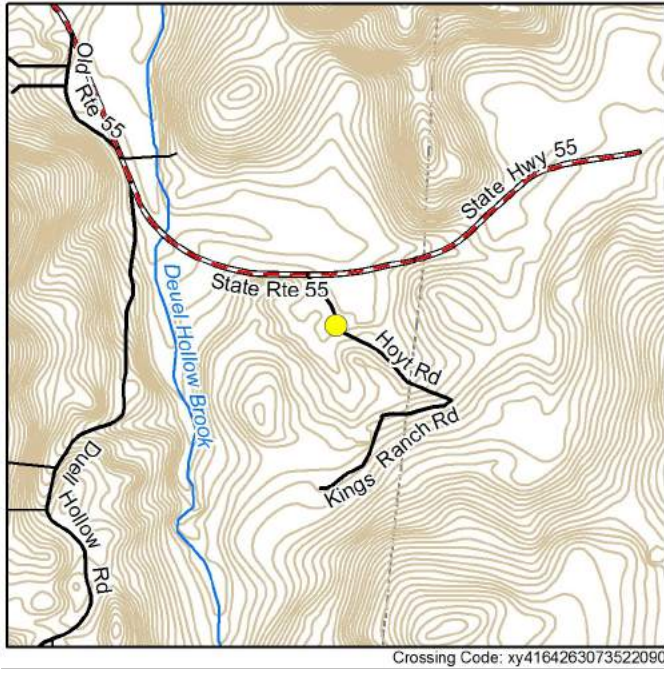
INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 1.5, Height: 1.5
Substrate/Water Width: 0.7
Water Depth: 0.1
Abutment Height: No data



OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall Onto Cascade
Drop to Stream Surface/Bottom: 1.5/ 1.6
Dimensions:
Width: 1.5, Height: 1.6
Substrate/Water Width: 0.4
Water Depth: 0.1



RESULTS

Barrier Evaluation: Significant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 9 (Ranked 43 of 86)

LOCATION

Coordinates: 41.642630, -73.522090
 Location Description: Local ID TM-70
 Date Observed: 2016-05-31
 Crossing Code: xy4164263073522090

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 2.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	9.93	3.32	0.22	No
5	10.98		0.27	No
10	11.64		0.31	No
25	12.42		0.36	No
50	12.96		0.39	No
100	13.48		0.42	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 30.5
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: Debris/Sediment/
 Rock (Minor)
 Slope: 4.5%
 Structure Comments: No data



Inlet

INLET

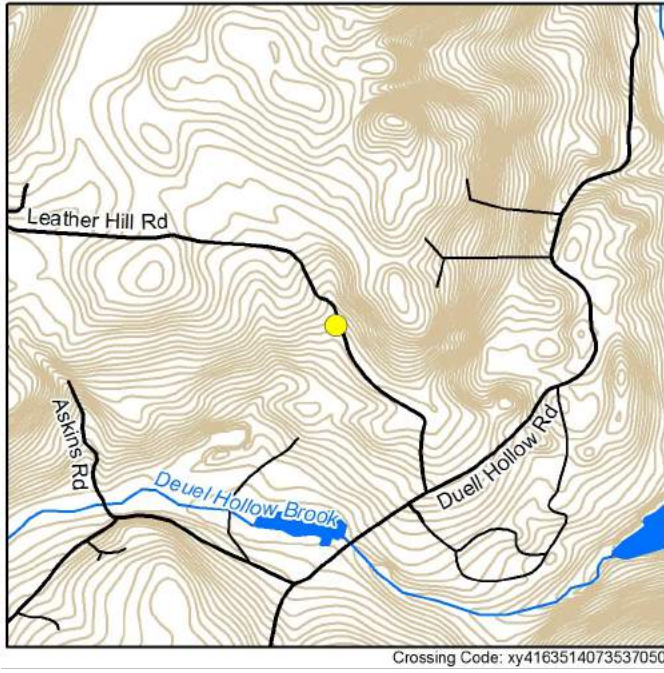
Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: Perched
 Dimensions:
 Width: 2.5, Height: 2.5
 Substrate/Water Width: 1.0
 Water Depth: 0.1
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 0.8/ 0.9
 Dimensions:
 Width: 2.5, Height: 2.5
 Substrate/Water Width: 0.9
 Water Depth: 0.1



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 11 (Ranked 52 of 86)

LOCATION

Coordinates: 41.635139, -73.536940
 Location Description: Next to AT trail across
 Leather Rd.
 Date Observed: 2018-03-23
 Crossing Code: xy4163514073537050

STREAM AND CROSSING

CROSSING CHARACTERISTICS

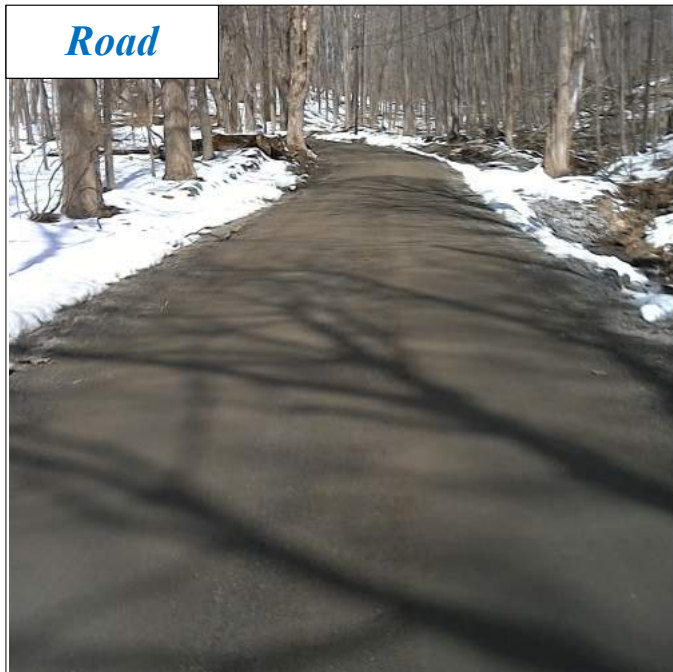
Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Severe
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): 15
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Unpaved

Road Fill Height (feet): 1.9

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	8.91	1.5	0.13	No
5	9.81		0.15	No
10	10.36		0.17	No
25	11.02		0.19	No
50	11.48		0.21	No
100	11.91		0.23	No

STRUCTURE 1 OF 1

Material: Plastic
 Length (feet): 29.1
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 2.6%
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 2.9, Height: 3.0
 Substrate/Water Width: 1.3
 Water Depth: 0.2
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 2.8, Height: 3.0
 Substrate/Water Width: 2.2
 Water Depth: 0.4



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance: #3
 Priority for Public Safety: Public safety issue, narrow and pipe is deteriorating (would cut off people if it failed)
 Overall Ranking: Tier 11 (Ranked 52 of 86)

LOCATION

Coordinates: 41.657490, -73.530350
 Location Description: Local ID TM-68
 Date Observed: 2016-05-31
 Crossing Code: xy4165742273529925

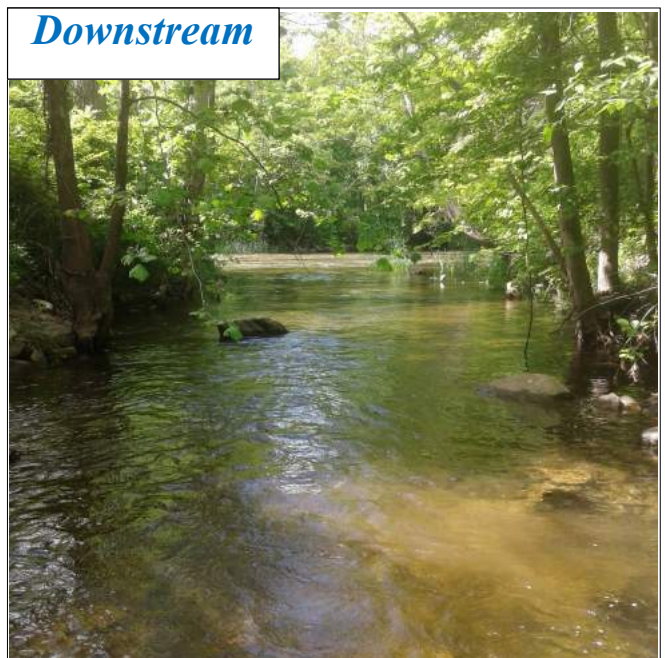
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Unpaved

Road Fill Height (feet): 1.7

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	633.18	12.05	1.53	No
5	706.08		1.91	No
10	752.91		2.18	No
25	809.37		2.53	No
50	849.4		2.79	No
100	888.11		3.05	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 26.2
 Internal Features/Structures: None
 Dry Passage/Height: Yes

Physical Barrier(s)/Severity: Debris/Sediment/
 Rock (Moderate)
 Slope: 0.8%
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Pipe Arch/Elliptical Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:

Width: 15.5, Height: 9.3
 Substrate/Water Width: 14.5
 Water Depth: 0.6
 Abutment Height: No data

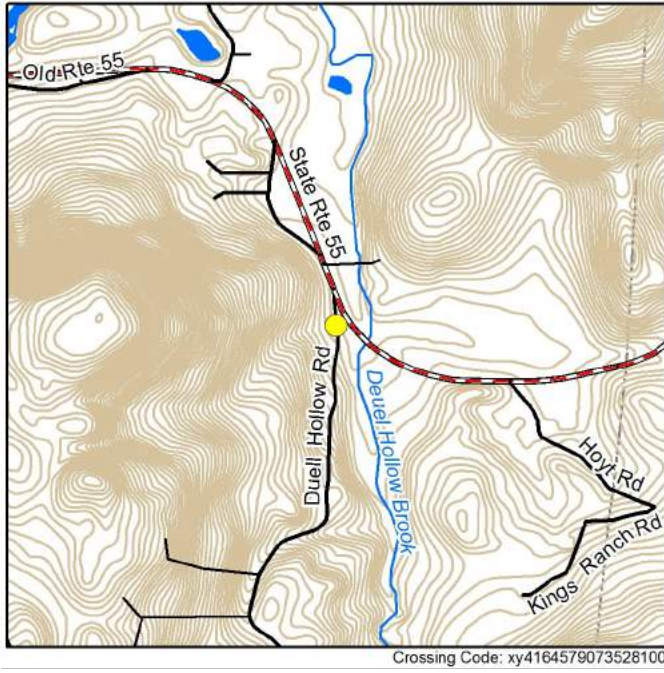


Outlet

OUTLET

Outlet Shape: Pipe Arch/Elliptical Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:

Width: 15.5, Height: 9.0
 Substrate/Water Width: 14.5
 Water Depth: 0.6



RESULTS

Barrier Evaluation: Significant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 9 (Ranked 43 of 86)

LOCATION

Coordinates: 41.645790, -73.528100
 Location Description: Local ID TM-21, inter-
 section of Duell Hollow and Route 55
 Date Observed: 2016-05-23
 Crossing Code: xy4164579073528100

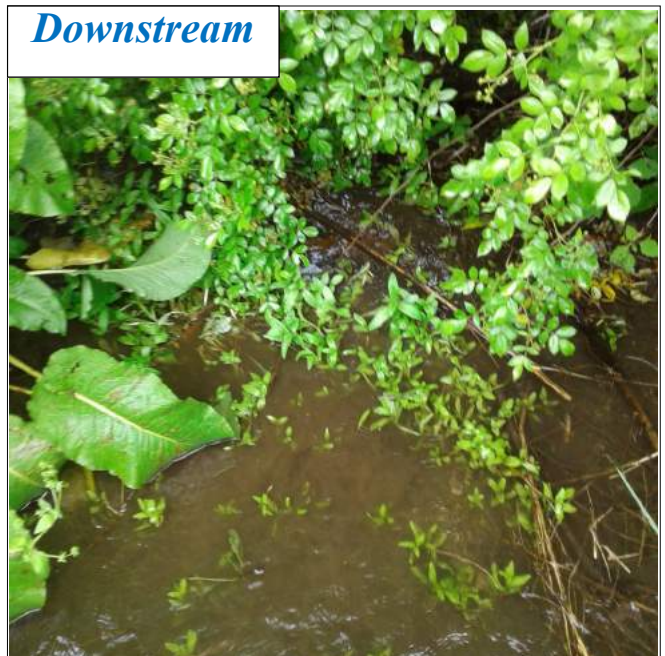
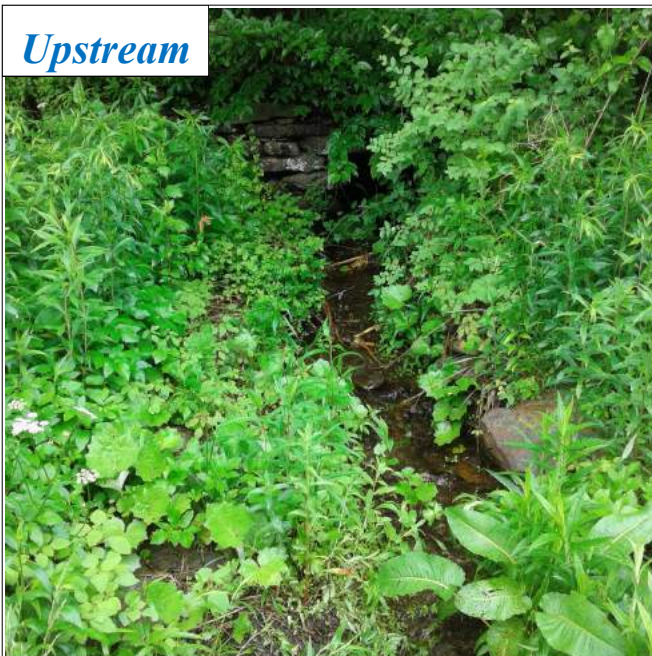
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Multiple Culvert
 Number of structures/cells: 2
 Condition: OK
 Constriction: Spans Only Bankfull/Active Chan-
 nel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: Upstream structure



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 1.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	10.64	2.33	1.05	No
5	11.73		1.29	No
10	12.42		1.46	No
25	13.23		1.66	No
50	13.8		1.82	No
100	14.35		1.97	No

STRUCTURE 1 OF 2

Material: Concrete
 Length (feet): 24.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 8.4%
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 1.2, Height: 1.2
 Substrate/Water Width: 1.2
 Water Depth: 0.2
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 0.9/ 1.3
 Dimensions:
 Width: 1.1, Height: 1.2
 Substrate/Water Width: 0.5
 Water Depth: 0.1

STRUCTURE 2 OF 2

Material: Concrete
Length (feet): 24.0
Dry Passage/Height (feet): No

Slope: 8.7%
Physical Barrier(s)/Severity: None
Structure Comments: No data

INLET

Inlet Shape/Type: Round Culvert/ Headwall
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 1.2 , Height: 1.2
Substrate/Water Width: 1.1
Water Depth: 0.2

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom (feet): 0.8/1.0
Dimensions (feet):
Width: 1.2, Height: 1.1
Substrate/Water Width: 0.5
Water Depth: 0.10

ADDITIONAL PHOTOS

Crumbling Headwall





RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 8 (Ranked 33 of 86)

LOCATION

Coordinates: 41.626225, -73.625314
 Location Description: Telephone pole number 5,
 near no parking sign
 Date Observed: 2017-06-27
 Crossing Code: xy4162619773625367

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 15
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: Due to dense vegetation and deep mud, bankfull width was estimated



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 4.7

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	68.42	7.18	0.98	No
5	75.76		1.2	No
10	80.9		1.37	No
25	87.53		1.6	No
50	92.48		1.78	No
100	97.45		1.98	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 35.4
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 0.6%
Structure Comments: Bottom of structure is completely rusted out



Inlet

INLET

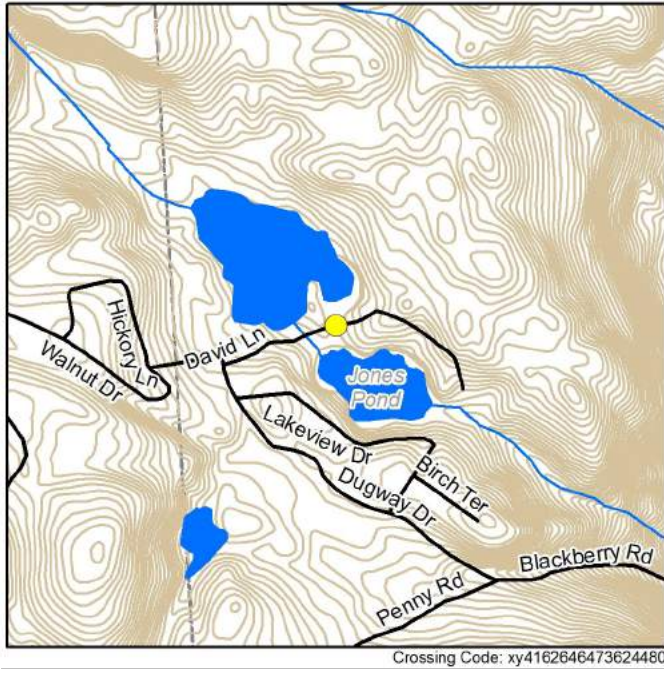
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 2.5, Height: 2.5
Substrate/Water Width: 2.0
Water Depth: 0.3
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 3.2, Height: 3.0
Substrate/Water Width: 0.0
Water Depth: 0.0



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 11 (Ranked 52 of 86)

LOCATION

Coordinates: 41.626470, -73.624488
 Location Description: 50 feet east of telephone pole number 6
 Date Observed: 2017-06-27
 Crossing Code: xy4162646473624480

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Severe
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

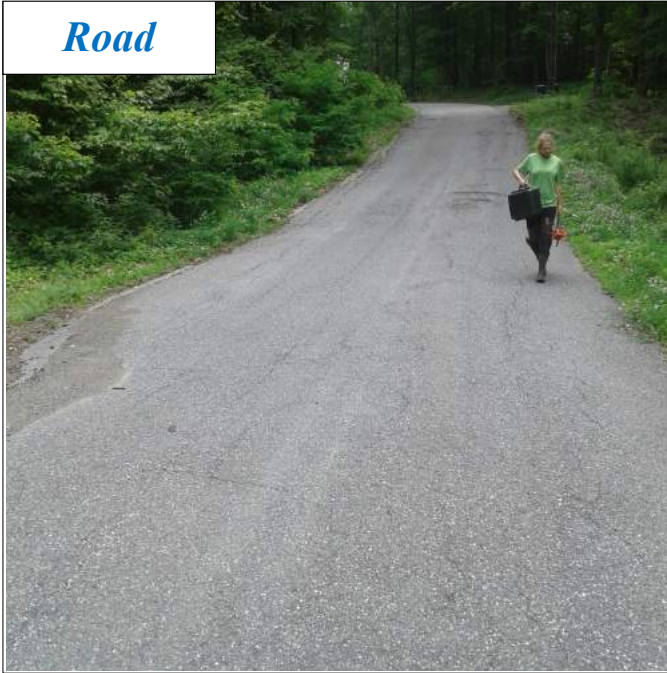
STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): 13.5
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 3.3

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	68.84	7.13	4.67	No
5	76.23		5.13	No
10	81.4		5.46	No
25	88.06		5.88	No
50	93.04		6.2	No
100	98.04		6.52	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 38.6
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 2.9%
Structure Comments: Bottom of culvert is completely rusted out the length of the pipe

Inlet



INLET

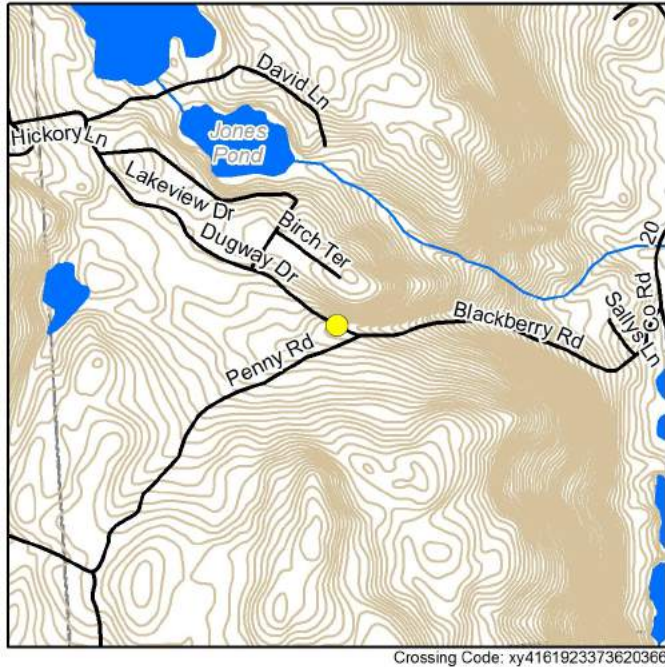
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 2.9, Height: 3.6
Substrate/Water Width: 2.5
Water Depth: 0.6
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.3
Dimensions:
Width: 3.2, Height: 3.0
Substrate/Water Width: 1.9
Water Depth: 0.0



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 10 (Ranked 47 of 86)

LOCATION

Coordinates: 41.619140, -73.620410
 Location Description: 200' East of Penny Road
 Date Observed: 2017-05-17
 Crossing Code: xy4161923373620366

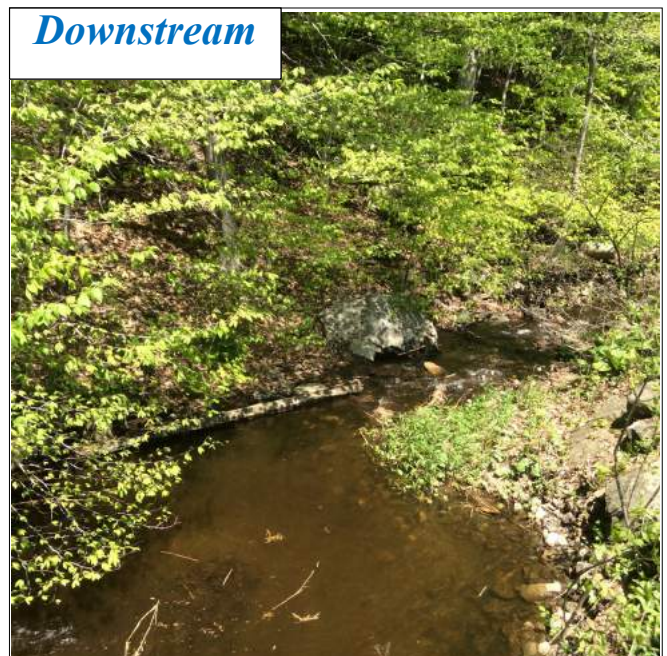
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Multiple Culvert
 Number of structures/cells: 2
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: Road Fill Height Estimated

Road



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 2.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	37.4	4.95	0.62	No
5	40.98		0.71	No
10	43.56		0.78	No
25	46.95		0.87	No
50	49.52		0.94	No
100	52.11		1.02	No

STRUCTURE 1 OF 2

Material: Plastic
Length (feet): 59.5
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 5.3%
Structure Comments: No data

Inlet



INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 4.1, Height: 4.1
Substrate/Water Width: 1.7
Water Depth: 0.2
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom: 0.0/ 0.9
Dimensions:
Width: 4.0, Height: 4.1
Substrate/Water Width: 0.8
Water Depth: 0.05

STRUCTURE 2 OF 2

Material: Plastic
Length (feet): 60.0
Dry Passage/Height (feet): No

Slope: 5.0%
Physical Barrier(s)/Severity: None
Structure Comments: No data

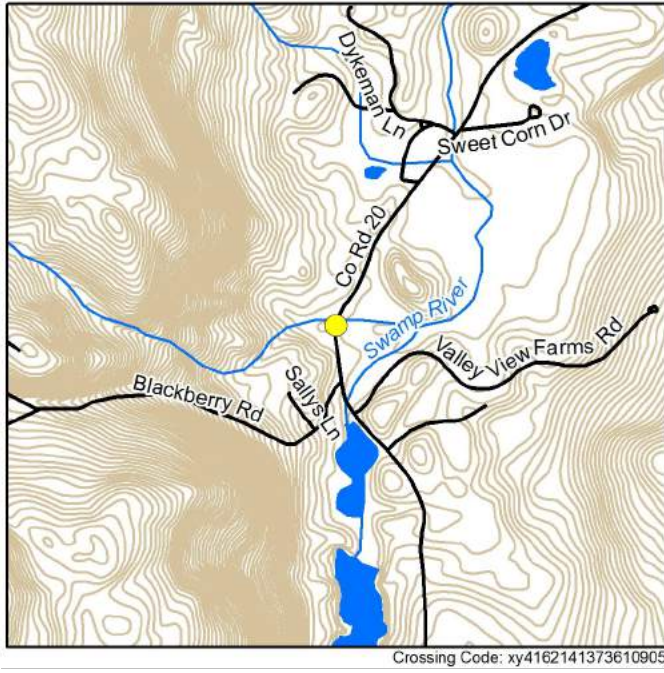
INLET

Inlet Shape/Type: Round Culvert/ Projecting
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 4.4 , Height: 3.6
Substrate/Water Width: 2.6
Water Depth: 0.3

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom (feet): 0.0/0.9
Dimensions (feet):
Width: 4.0, Height: 4.2
Substrate/Water Width: 2.1
Water Depth: 0.20

.....



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.621248, -73.610918
 Location Description: 699 West Dover Road
 Date Observed: 2017-06-27
 Crossing Code: xy4162141373610905

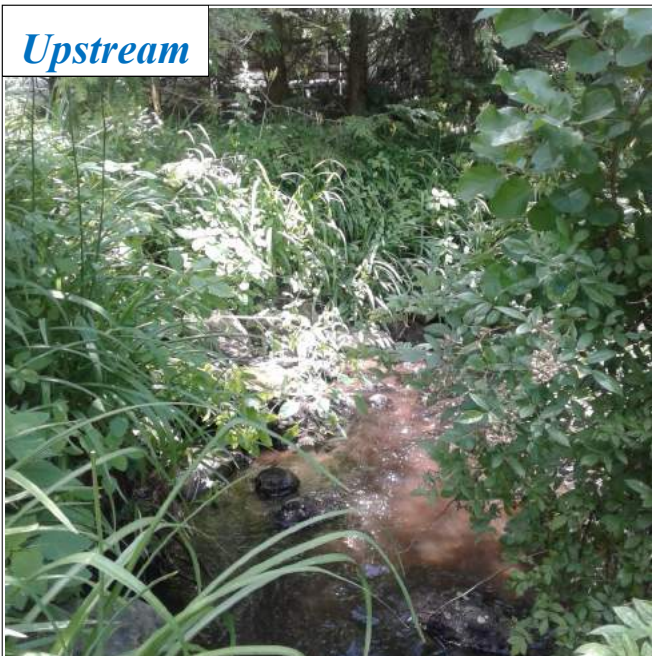
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): 9.6
 Bankfull Width Confidence: High



Crossing Comments: Build up of sediment throughout structure causing water to pool at the inlet



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	139.39	N/A	N/A	N/A
5	151.21			
10	159.2			
25	169.16			
50	176.45			
100	183.6			

STRUCTURE 1 OF 1

Material: Combination
 Length (feet): 32.1
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: Debris/Sediment/
 Rock (Moderate)
 Slope: No data
 Structure Comments: No data



Inlet

INLET

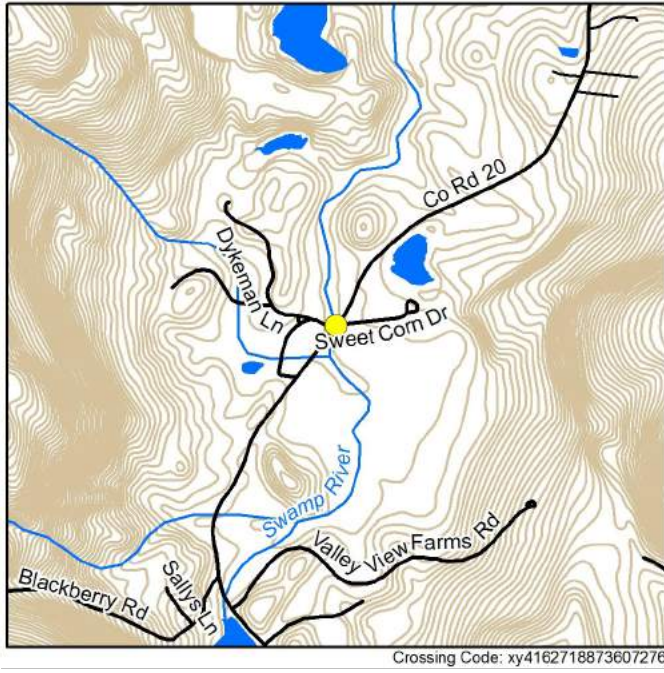
Inlet Shape/Type: Open Bottom Arch Bridge/
 Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 9.0, Height: 5.4
 Substrate/Water Width: 9.0
 Water Depth: 2.0
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Open Bottom Arch Bridge/Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 8.3, Height: 3.8
 Substrate/Water Width: 8.3
 Water Depth: 1.0



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.627202, -73.607391
 Location Description: Located along Dykemans Farm at intersection of Dykeman and Sweetcorn Road. Water too deep to enter.
 Date Observed: 2017-06-09
 Crossing Code: xy4162718873607276

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): 12
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: Limited access to property, spoke to adjacent landowners who noted beaver damage, bridge did flood in 1955



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	341.21	N/A		
5	371.92			
10	391.12			
25	413.79			
50	429.58			
100	444.63			

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 29.8
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



Inlet

INLET

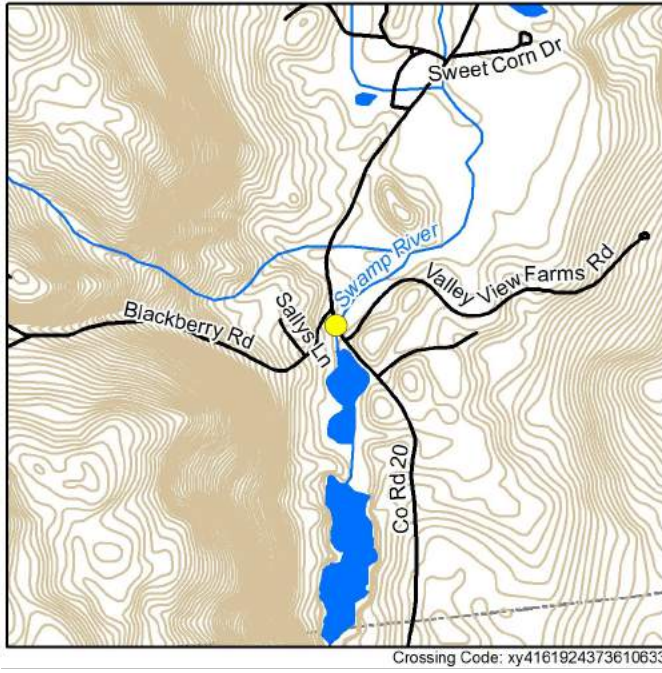
Inlet Shape/Type: Open Bottom Arch Bridge/
 Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 11.1, Height: 6.9
 Substrate/Water Width: 11.1
 Water Depth: 3.3
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Open Bottom Arch Bridge/
 Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 12.4, Height: 6.6
 Substrate/Water Width: 12.4
 Water Depth: 3.6



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 10 (Ranked 47 of 86)

LOCATION

Coordinates: 41.619430, -73.610800
 Location Description: Intersection of West Dover and Blackberry
 Date Observed: 2017-05-17
 Crossing Code: xy4161924373610633

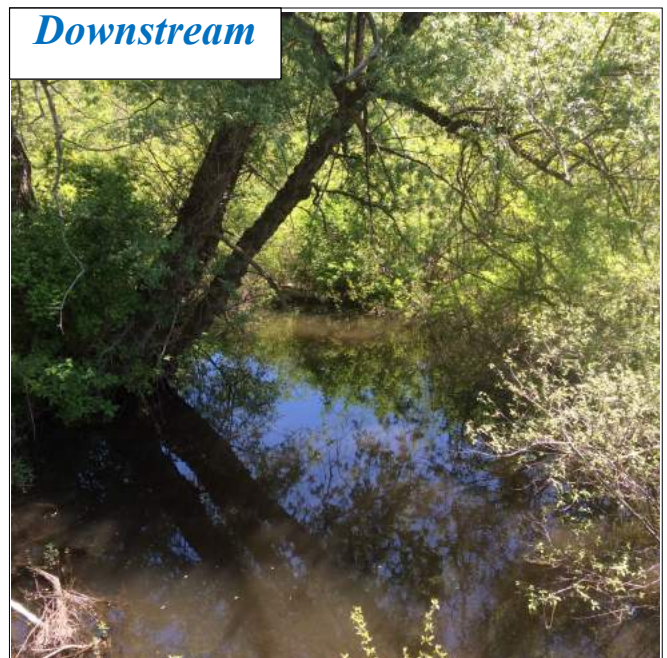
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: Downstream beaver dam pounding at outlet



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 3.1

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	103.27	8.96	1.11	No
5	114.41		1.32	No
10	121.24		1.45	No
25	129.22		1.62	No
50	134.74		1.74	No
100	139.95		1.86	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 48.0
Internal Features/Structures: None
Dry Passage/Height: No

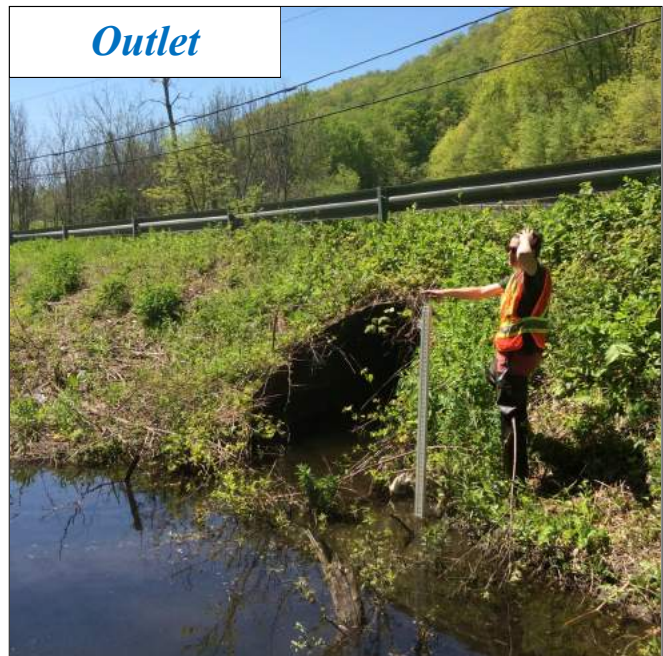
Physical Barrier(s)/Severity: None
Slope: 0.5%
Structure Comments: No data



Inlet

INLET

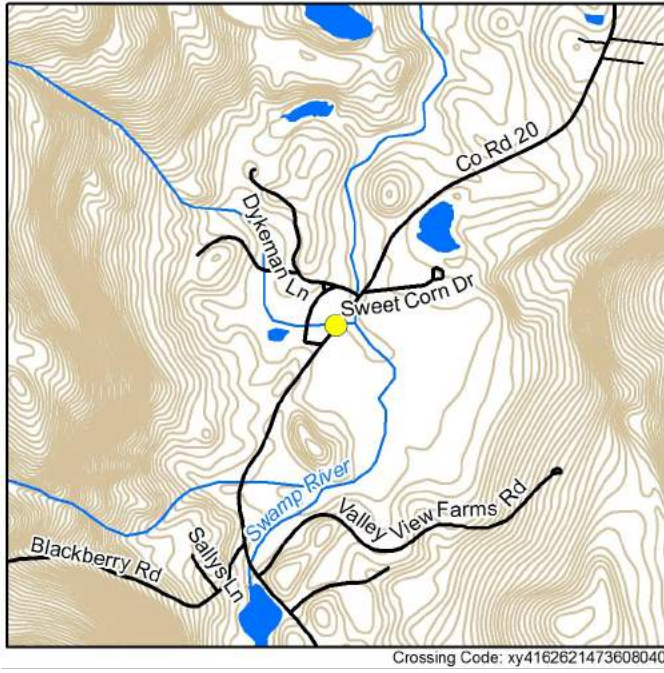
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 5.9, Height: 5.9
Substrate/Water Width: 5.3
Water Depth: 1.5
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 6.0, Height: 5.9
Substrate/Water Width: 5.7
Water Depth: 1.7



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 10 (Ranked 47 of 86)

LOCATION

Coordinates: 41.625940, -73.608290
 Location Description: 50 yards from Dykeman Lane
 Date Observed: 2017-10-16
 Crossing Code: xy4162621473608040

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 5
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 3.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	59.16	6.44	1.43	No
5	66.15		1.59	No
10	70.66		1.71	No
25	76.12		1.84	No
50	80		1.94	No
100	83.76		2.04	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 50.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: No data
Structure Comments: No data



Inlet

INLET

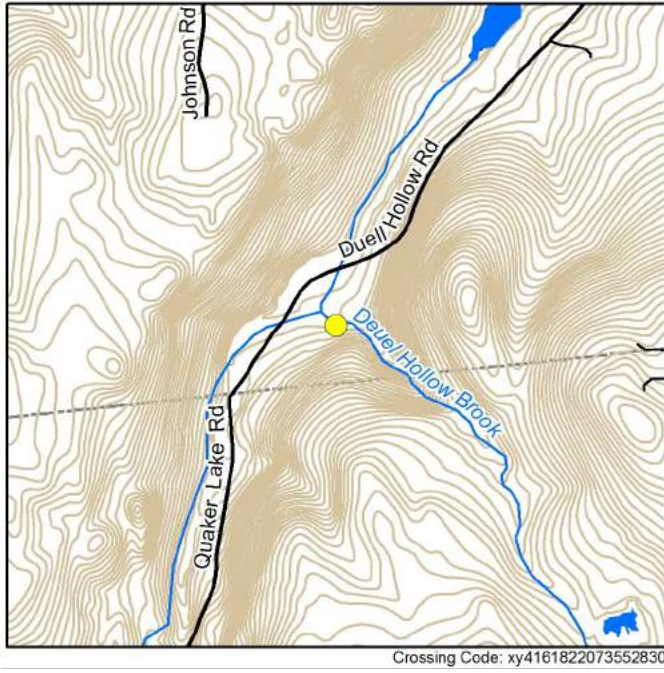
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 5.6, Height: 3.5
Substrate/Water Width: 5.6
Water Depth: 1.1
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 6.0, Height: 3.6
Substrate/Water Width: 6.0
Water Depth: 0.8



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.618220, -73.552830
 Location Description: Local ID TM-9
 Date Observed: 2016-05-20
 Crossing Code: xy4161822073552830

STREAM AND CROSSING

CROSSING CHARACTERISTICS

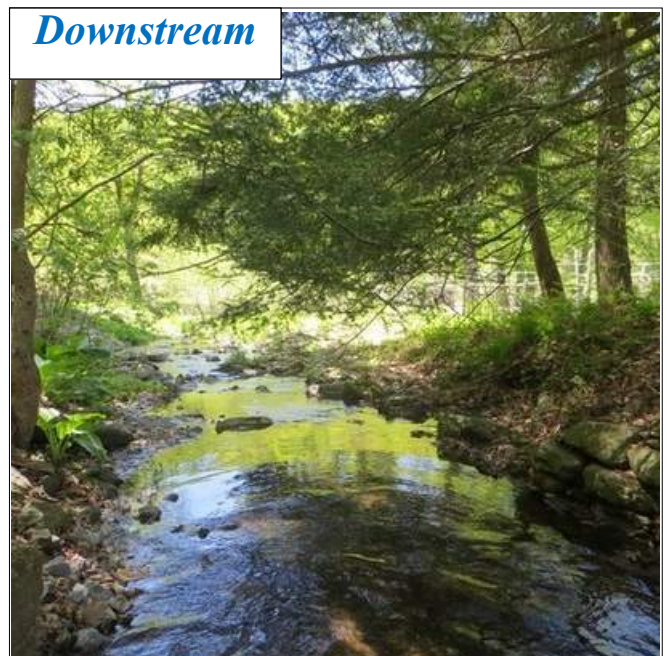
Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Upstream



Downstream

Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 0.7

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	54.77	N/A		
5	59.75			
10	62.96			
25	66.85			
50	69.63			
100	72.3			

STRUCTURE 1 OF 1

Material: Combination
Length (feet): 19.4
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: No data
Structure Comments: concrete abutments and wood

Inlet



Outlet

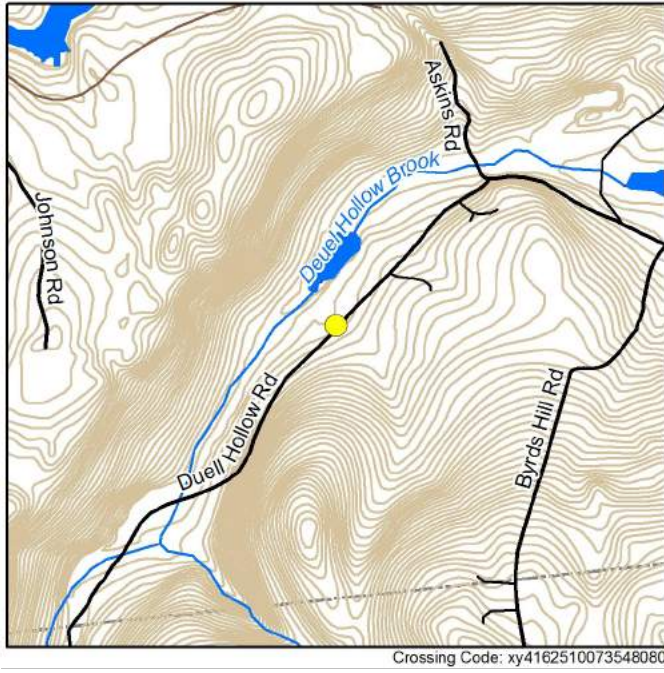


INLET

Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 8.0, Height: 6.7
Substrate/Water Width: 5.4
Water Depth: 0.2
Abutment Height: No data

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 7.8, Height: 7.2
Substrate/Water Width: 7.8
Water Depth: 0.9



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 8 (Ranked 33 of 86)

LOCATION

Coordinates: 41.625100, -73.548080
 Location Description: Local ID TM-10
 Date Observed: 2016-05-20
 Crossing Code: xy4162510073548080

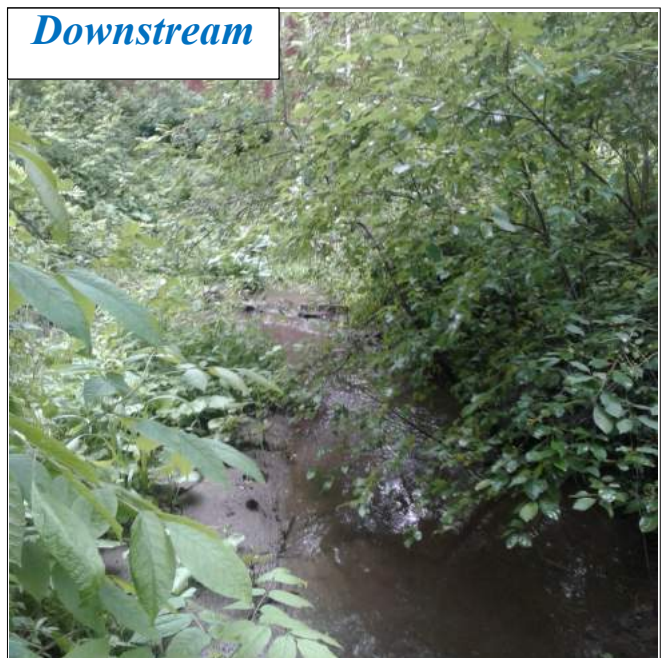
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 1.9

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	17.41	4.94	0.43	No
5	18.76		0.48	No
10	19.64		0.51	No
25	20.73		0.56	No
50	21.52		0.59	No
100	22.28		0.63	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 26.6
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 6.0%
 Structure Comments: No data



Inlet

INLET

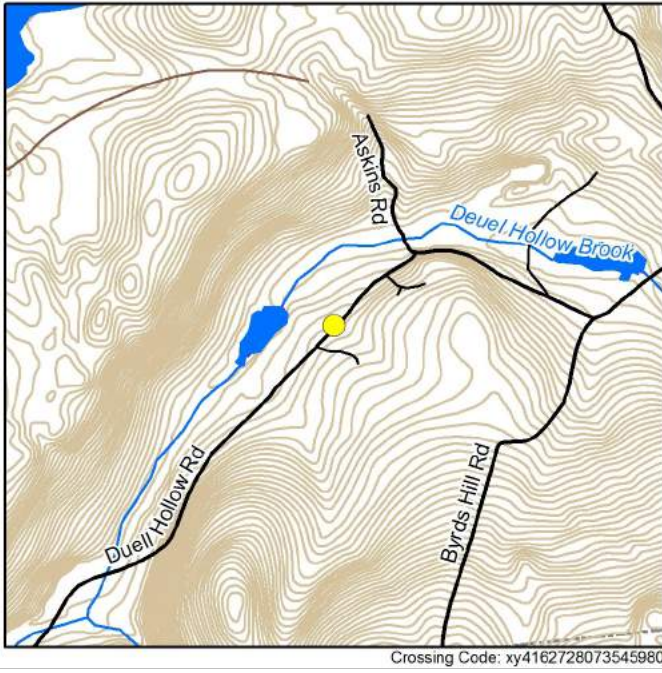
Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 3.0, Height: 3.0
 Substrate/Water Width: 2.0
 Water Depth: 0.4
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 0.1/ 0.3
 Dimensions:
 Width: 3.0, Height: 3.0
 Substrate/Water Width: 1.2
 Water Depth: 0.2



RESULTS

Barrier Evaluation: Significant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 1 (Ranked 3 of 86)

LOCATION

Coordinates: 41.627280, -73.545980
 Location Description: Local ID TM-17
 Date Observed: 2016-05-23
 Crossing Code: xy4162728073545980

STREAM AND CROSSING

CROSSING CHARACTERISTICS

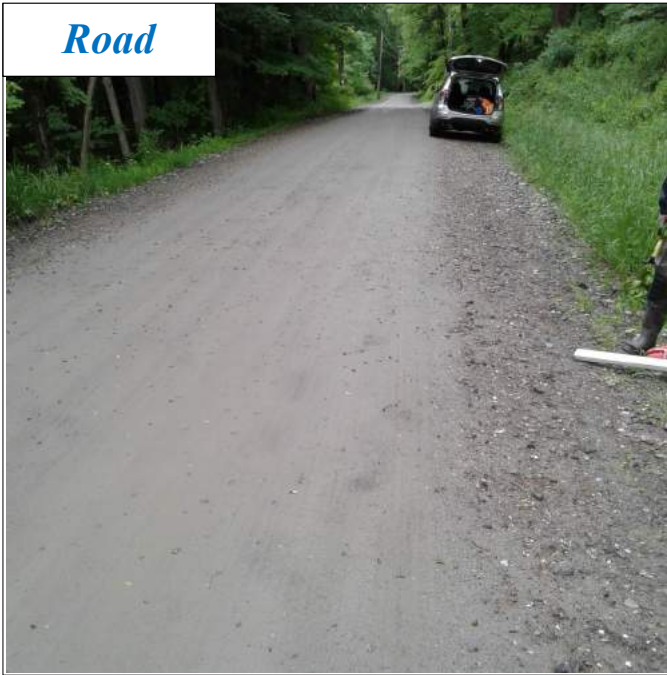
Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 1.1

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	315.93	3.2	3.32	Yes
5	355.25		3.96	Yes
10	380.54		4.39	Yes
25	411.06		4.94	Yes
50	432.73		5.34	Yes
100	453.7		5.73	Yes

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 29.2
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 8.8%
Structure Comments: No data



Inlet

INLET

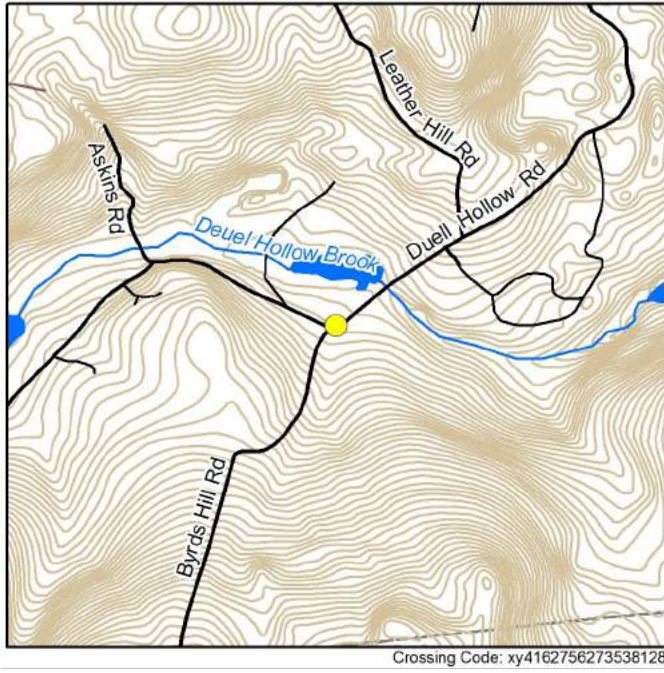
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 2.0, Height: 2.0
Substrate/Water Width: 0.9
Water Depth: 0.1
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall Onto Cascade
Drop to Stream Surface/Bottom: 0.8/ 0.9
Dimensions:
Width: 2.1, Height: 2.1
Substrate/Water Width: 0.8
Water Depth: 0.1



RESULTS

Barrier Evaluation: Moderate barrier
 Town Comments on Condition/Maintenance:
 Road gets damaged by flooding (avulsion)
 Overall Ranking: Tier 7 (Ranked 22 of 86)

LOCATION

Coordinates: 41.627520, -73.538090
 Location Description: TM-12
 Date Observed: 2016-05-23
 Crossing Code: xy4162756273538128

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 0.3

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	24.27	4.28	0.88	No
5	26.25		1.03	No
10	27.56		1.13	No
25	29.16		1.26	No
50	30.3		1.35	No
100	31.42		1.45	No

STRUCTURE 1 OF 1

Material: Plastic
Length (feet): 38.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 3.6%
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: Inlet Drop
Dimensions:
Width: 2.9, Height: 3.1
Substrate/Water Width: 1.1
Water Depth: 0.2
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom: 0.5/ 1.1
Dimensions:
Width: 3.0, Height: 3.0
Substrate/Water Width: 0.9
Water Depth: 0.1

State-Managed Crossings

Entries are organized geographically by Map Index Key,
beginning with 1A



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.734520, -73.580750
 Location Description: Local ID TM-88
 Date Observed: 2016-06-02
 Crossing Code: xy4173447873580855

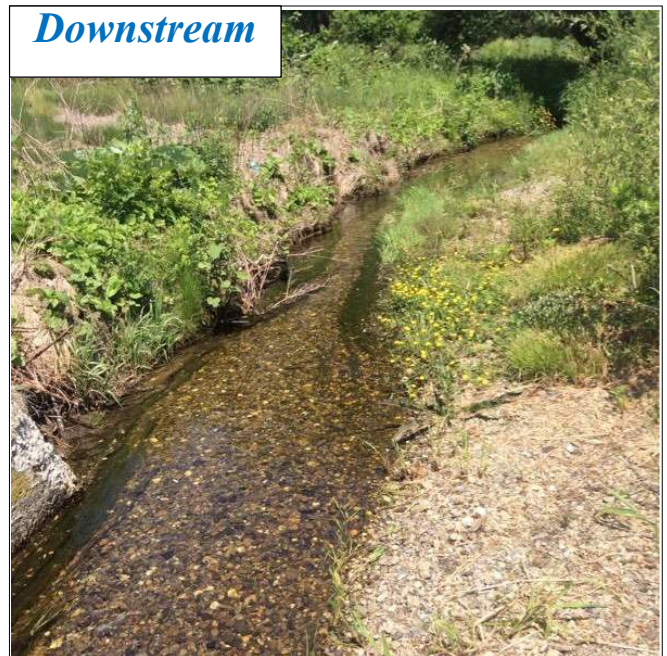
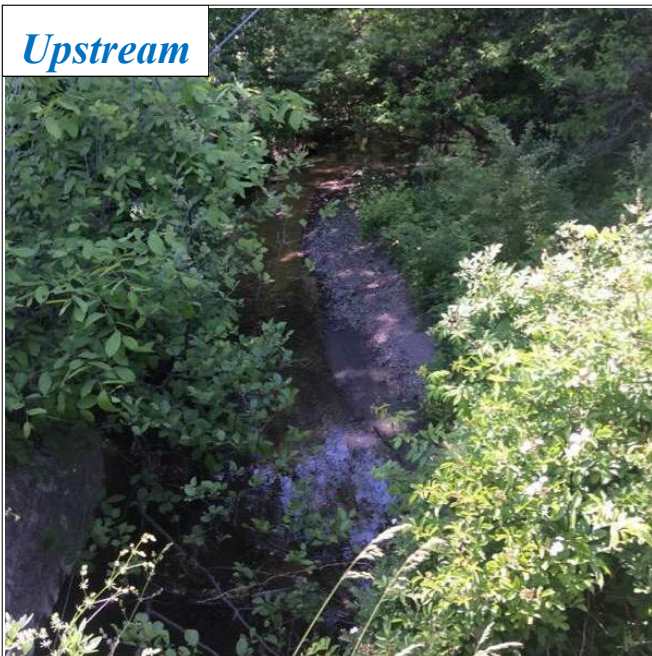
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 2.3

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	N/A	N/A	N/A	N/A
5	N/A			
10	N/A			
25	N/A			
50	N/A			
100	N/A			

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 65.0
Internal Features/Structures: None
Dry Passage/Height: Yes

Physical Barrier(s)/Severity: Dry (Moderate)
Slope: No data
Structure Comments: No data



Inlet

INLET

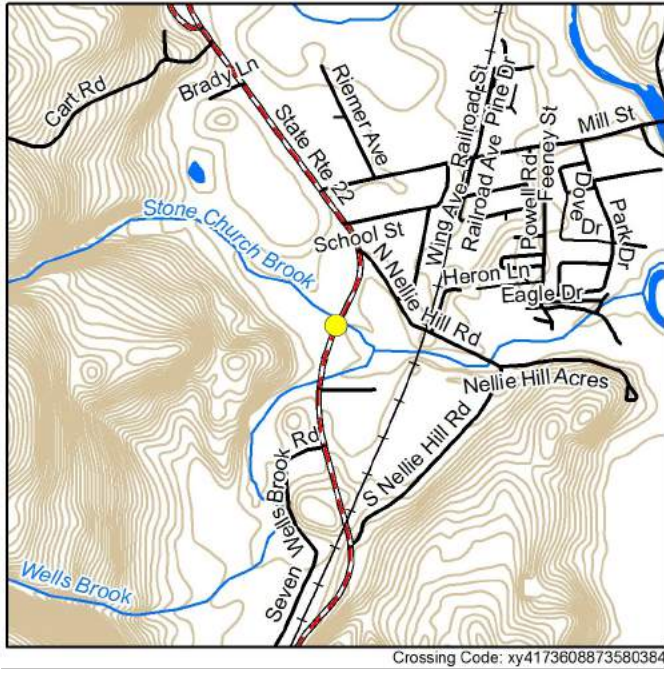
Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 12.0, Height: 4.5
Substrate/Water Width: 12.0
Water Depth: 0.9
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 12.0, Height: 6.5
Substrate/Water Width: 12.0
Water Depth: 0.3



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.736120, -73.580380
 Location Description: First bridge north of
 McDonalds
 Date Observed: 2017-05-18
 Crossing Code: xy4173608873580384

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Chan-
 nel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	292.03	N/A	N/A	N/A
5	328.71			
10	352.63			
25	381.84			
50	402.76			
100	423.13			

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 58.4
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data

Inlet



INLET

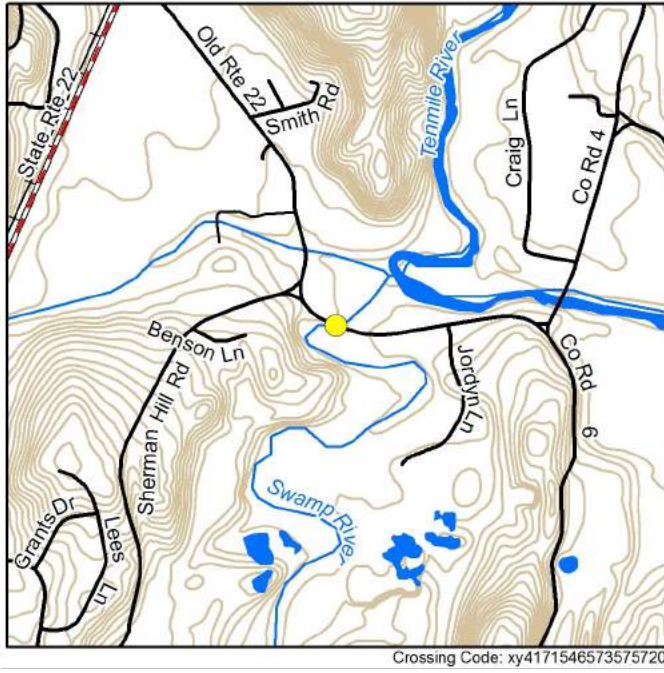
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 12.1, Height: 5.2
 Substrate/Water Width: 12.1
 Water Depth: 0.8
 Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 12.1, Height: 4.8
 Substrate/Water Width: 12.1
 Water Depth: 0.5



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.715510, -73.576190
 Location Description: Just west of Parking area
 for Swamp River Fishing Access; 3343070
 bridge number
 Date Observed: 2017-09-26
 Crossing Code: xy4171546573575720

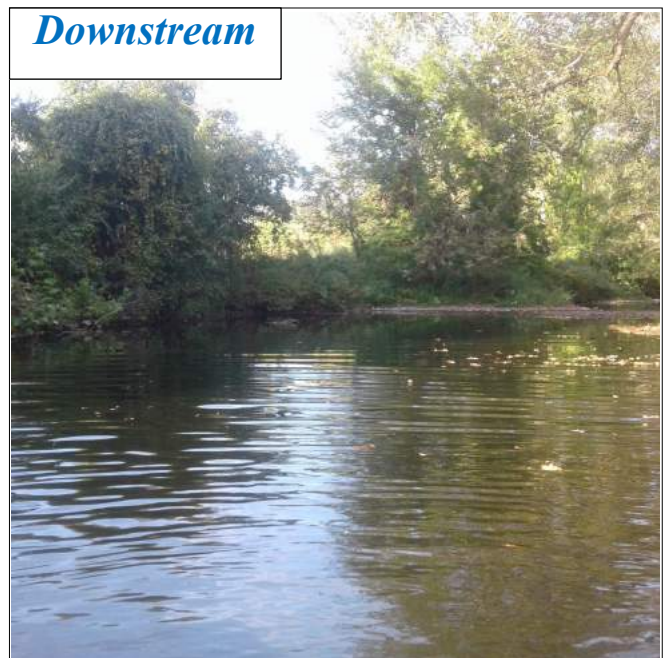
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 2
 Condition: OK
 Constriction: Spans Only Bankfull/Active Chan-
 nel
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 46
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	2378.15	N/A	N/A	N/A
5	2713.55			
10	2950.01			
25	3255.61			
50	3486.47			
100	3719.14			

STRUCTURE 1 OF 2

Material: Concrete
 Length (feet): 21.0
 Internal Features/Structures: None
 Dry Passage/Height: No

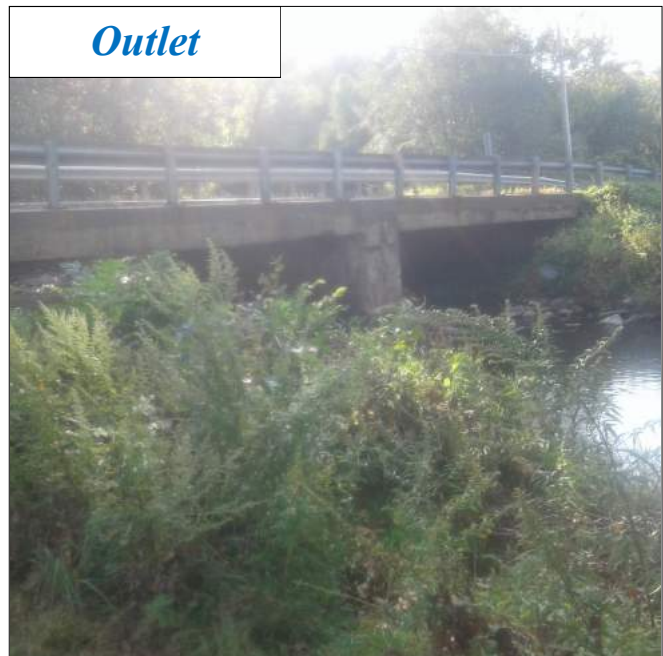
Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 26.8, Height: 8.3
 Substrate/Water Width: 26.8
 Water Depth: 1.9
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 26.9, Height: 7.6
 Substrate/Water Width: 26.9
 Water Depth: 1.3

STRUCTURE 2 OF 2

Material: Concrete
Length (feet): 21.0
Dry Passage/Height (feet): Yes

Slope:
Physical Barrier(s)/Severity: None
Structure Comments: No data

INLET

Inlet Shape/Type: Box/Bridge with Abutments/
None
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 26.8 , Height: 7.3
Substrate/Water Width: 26.8
Water Depth: 0.9

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom (feet): 0.0/0.0
Dimensions (feet):
Width: 27.0, Height: 7.2
Substrate/Water Width: 27.0
Water Depth: 0.90





RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.717430, -73.576580
 Location Description: 20' from Sherman Hill Rd.
 Date Observed: 2017-11-07
 Crossing Code: xy4171752673576634

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Unknown
 Bankfull Width (feet): 7
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	145.56	N/A	N/A	N/A
5	160.14			
10	168.9			
25	178.97			
50	185.84			
100	192.22			

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 24.5
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: No data
Structure Comments: No data



Inlet

INLET

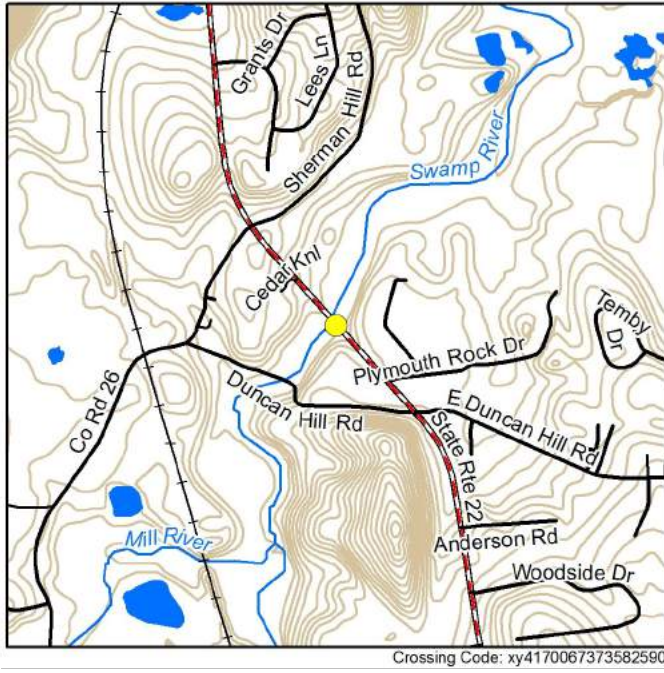
Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 8.0, Height: 4.4
Substrate/Water Width: 8.0
Water Depth: 2.2
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 8.0, Height: 3.6
Substrate/Water Width: 8.0
Water Depth: 0.7



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.700700, -73.583210
 Location Description: Bridge 1016720
 Date Observed: 2017-09-26
 Crossing Code: xy4170067373582590

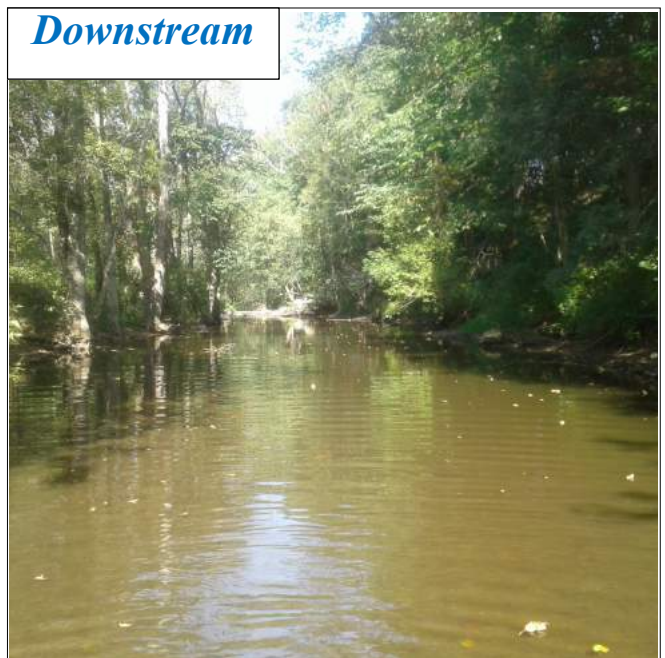
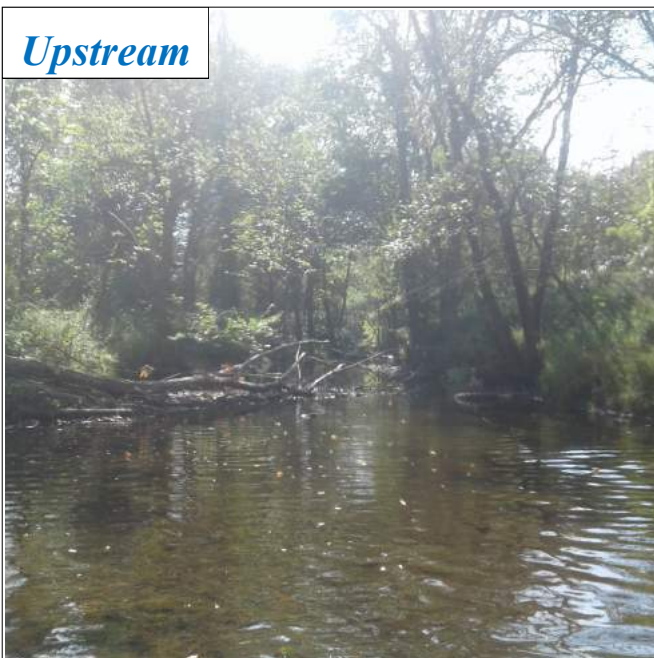
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): 41.2
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	2844.49	N/A	N/A	N/A
5	3200.03			
10	3435.49			
25	3727.02			
50	3939.09			
100	4146.34			

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 34.4
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data

Inlet



INLET

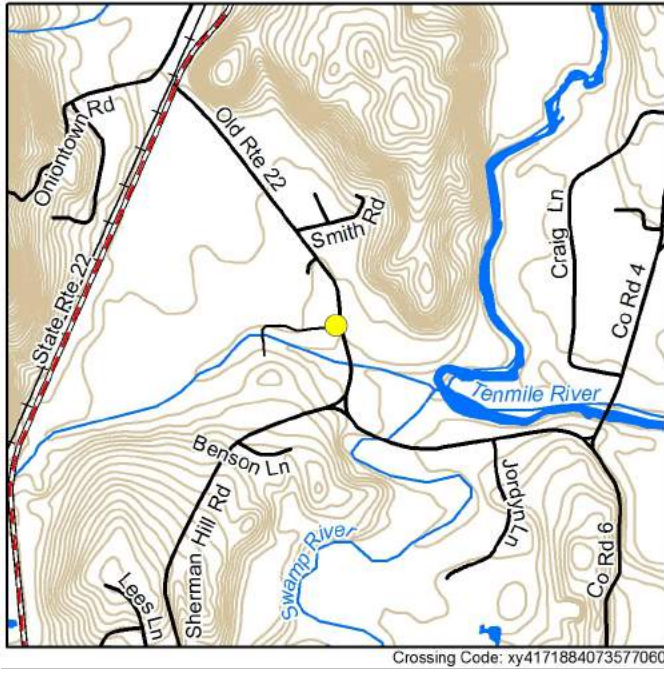
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 69.2, Height: 9.3
 Substrate/Water Width: 69.2
 Water Depth: 0.8
 Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 70.4, Height: 9.7
 Substrate/Water Width: 70.4
 Water Depth: 0.7



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.718840, -73.577060
 Location Description: local id TM-85
 Date Observed: 2016-06-02
 Crossing Code: xy4171884073577060

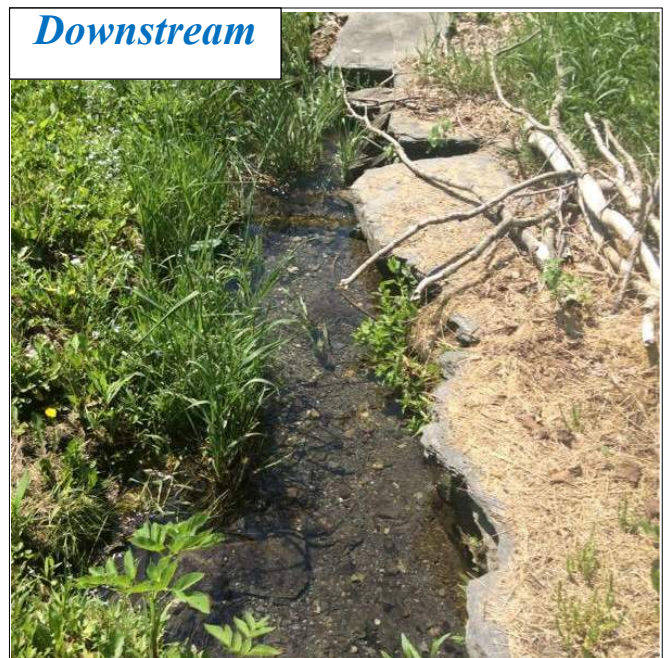
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Driveway

Road Fill Height (feet): 1.8

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	18.4	2.7	1.03	No
5	20.16		1.23	No
10	21.17		1.36	No
25	22.3		1.51	No
50	23.04		1.61	No
100	23.72		1.71	No

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 28.3
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 0.7%
 Structure Comments: No data



Inlet

INLET

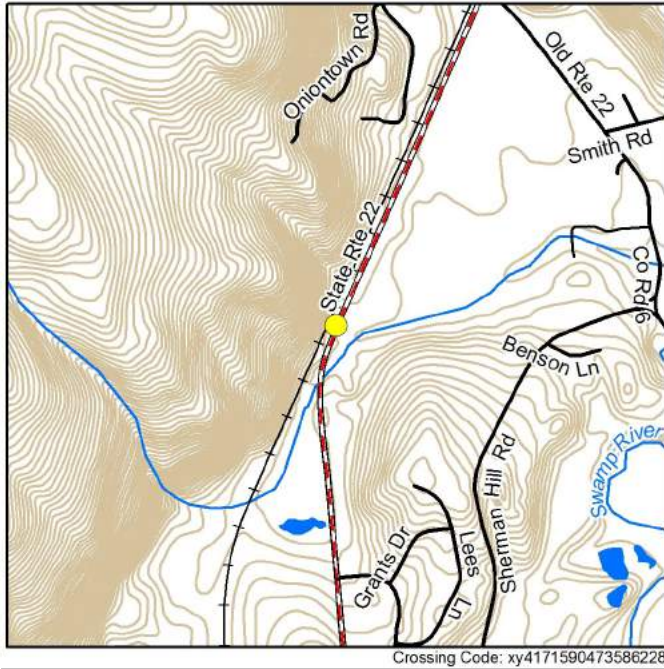
Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 1.2, Height: 1.6
 Substrate/Water Width: 1.2
 Water Depth: 1.1
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 1.0, Height: 1.1
 Substrate/Water Width: 1.0
 Water Depth: 1.0



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.715870, -73.586760
 Location Description: First guardrail heading south before curve.
 Date Observed: 2017-09-26
 Crossing Code: xy4171590473586228

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): 4.5
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: Railroad crossing 20 ft upstream



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 3.1

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	39.31	6.1	1.64	No
5	43.57		2.02	No
10	46.28		2.27	No
25	49.52		2.61	No
50	51.81		2.85	No
100	54.01		3.1	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 46.0
Internal Features/Structures: None
Dry Passage/Height: Yes

Physical Barrier(s)/Severity: None
Slope: 0.3%
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 3.0, Height: 3.0
Substrate/Water Width: 0.0
Water Depth: 0.0
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 2.8, Height: 2.4
Substrate/Water Width: 2.6
Water Depth: 0.0



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 6 (Ranked 14 of 86)

LOCATION

Coordinates: 41.714710, -73.586500
 Location Description: local id TM-87
 Date Observed: 2016-06-02
 Crossing Code: xy4171467673586651

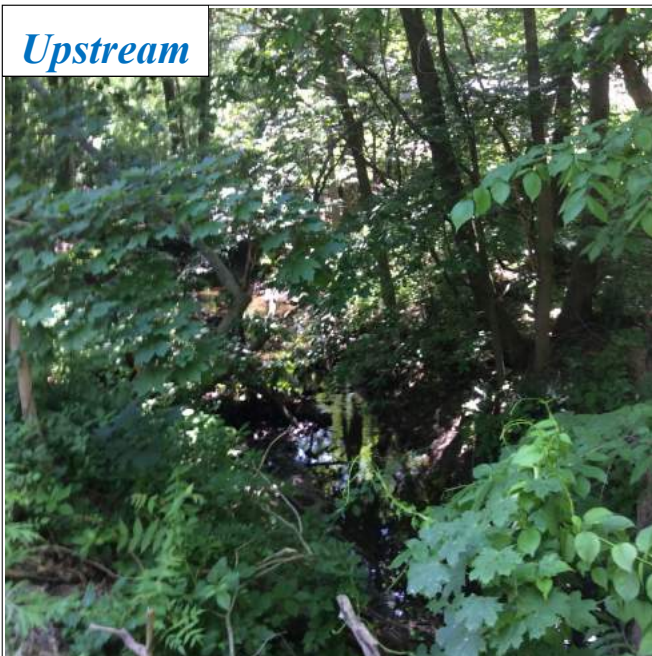
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Moderate
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Unpaved
Road Fill Height (feet): 8.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	59.85	12.8	1.51	No
5	66.52		1.87	No
10	70.75		2.12	No
25	75.79		2.44	No
50	79.34		2.68	No
100	82.75		2.92	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 67.6
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 3.4%
Structure Comments: No data

Inlet



INLET

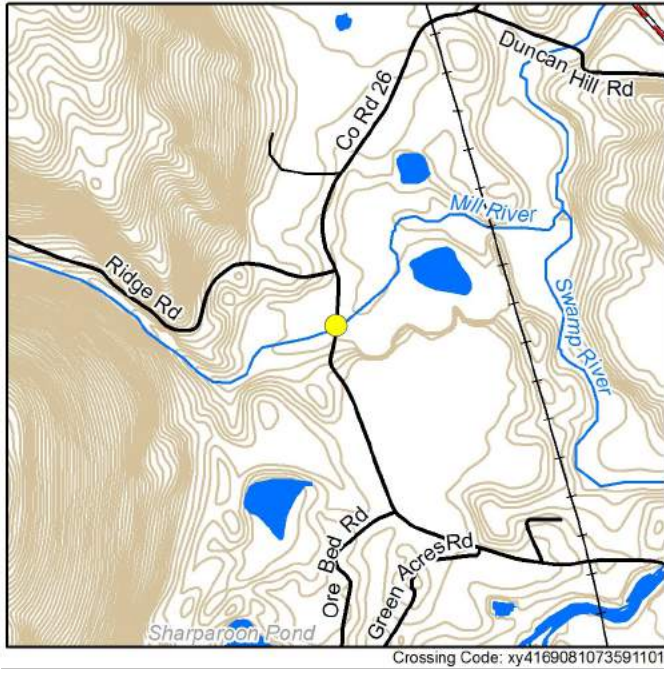
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 3.0, Height: 3.0
Substrate/Water Width: 1.5
Water Depth: 0.1
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 3.0, Height: 3.0
Substrate/Water Width: 2.0
Water Depth: 0.3



RESULTS

Barrier Evaluation: Insignificant barrier
Town Comments on Condition/Maintenance:
Not Ranked
Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.690980, -73.591120
Location Description: Next to Doolittle Sports Club
Date Observed: 2017-10-16
Crossing Code: xy4169081073591101

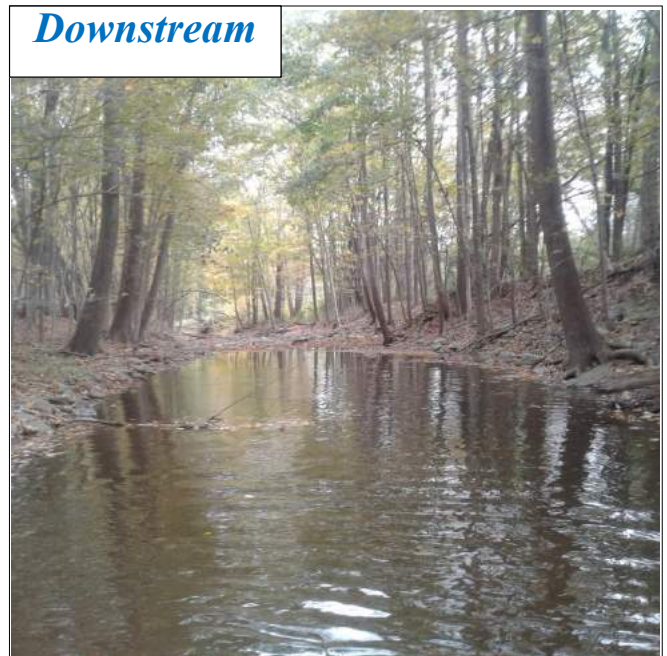
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
Number of structures/cells: 1
Condition: OK
Constriction: Spans Full Channel & Banks
Alignment: Flow-Aligned
Internal Features/Structures: Supports

STREAM CHARACTERISTICS

Scour Pool: None
Bankfull Width (feet): 28
Bankfull Width Confidence: Low/
Estimated



Crossing Comments: Old Bridge support in stream.

Road



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	1232.18	N/A	N/A	N/A
5	1351.44			
10	1425.16			
25	1511.51			
50	1571.44			
100	1628.17			

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 45.0
Internal Features/Structures: Supports
Dry Passage/Height: Yes

Physical Barrier(s)/Severity: None
Slope: No data
Structure Comments: No data

Inlet



INLET

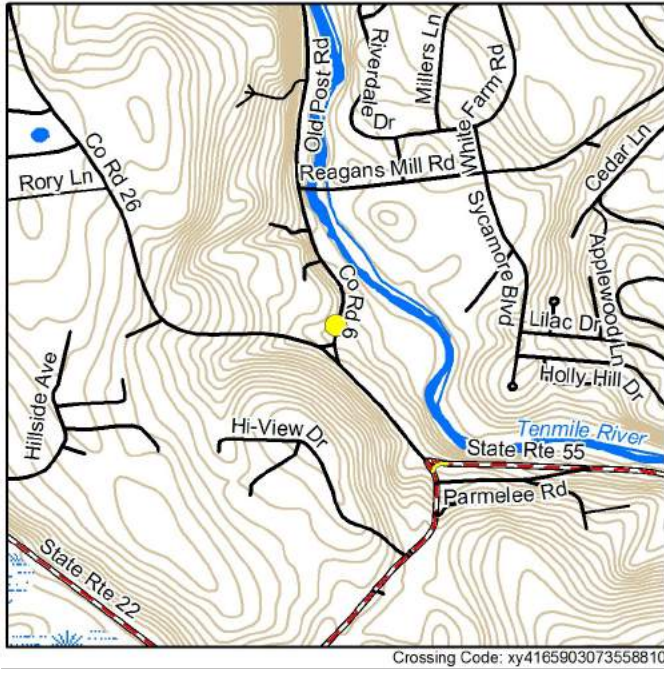
Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 45.5, Height: 13.5
Substrate/Water Width: 45.5
Water Depth: 1.2
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 45.6, Height: 14.6
Substrate/Water Width: 45.6
Water Depth: 2.8



RESULTS

Barrier Evaluation: Severe barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 6 (Ranked 14 of 86)

LOCATION

Coordinates: 41.659030, -73.558810
 Location Description: Local ID TM-78
 Date Observed: 2016-06-01
 Crossing Code: xy4165903073558810

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Upstream



Downstream

Crossing Comments: Inlet is metal and concrete



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 1.8

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	12.06	6.03	0.14	No
5	13.74		0.15	No
10	14.74		0.16	No
25	15.87		0.17	No
50	16.63		0.17	No
100	17.33		0.18	No

STRUCTURE 1 OF 1

Material: Combination
Length (feet): 35.5
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: Debris/Sediment/
Rock (Minor)
Slope: 4.0%
Structure Comments: No data



Inlet

INLET

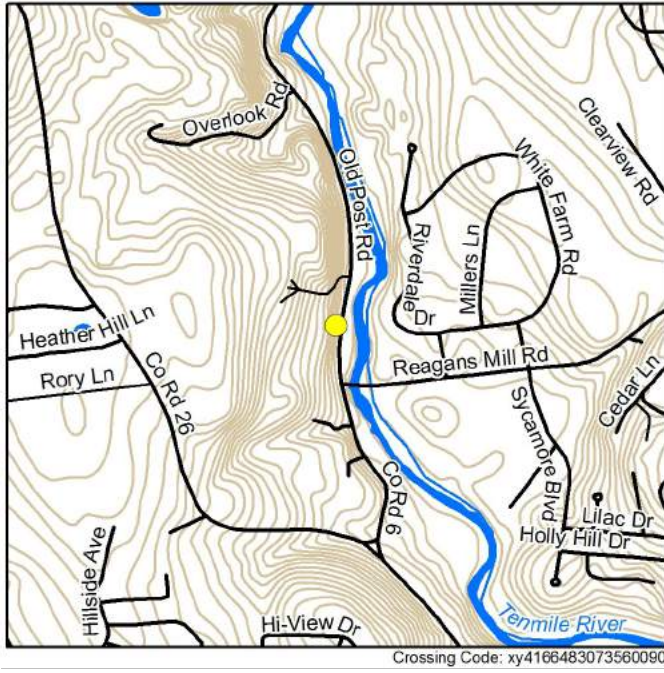
Inlet Shape/Type: Pipe Arch/Elliptical Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 5.1, Height: 4.2
Substrate/Water Width: 2.0
Water Depth: 0.1
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Pipe Arch/Elliptical Culvert
Outlet Drop/Grade: Free Fall Onto Cascade
Drop to Stream Surface/Bottom: 2.6/ 3.2
Dimensions:
Width: 5.1, Height: 4.2
Substrate/Water Width: 2.0
Water Depth: 0.1



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 8 (Ranked 33 of 86)

LOCATION

Coordinates: 41.664830, -73.560090
 Location Description: local ID TM-49
 Date Observed: 2016-05-26
 Crossing Code: xy4166483073560090

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Upstream



Downstream

Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 1.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	3060.29	2.92	1.37	No
5	4136.52		2.49	No
10	5042.46		3.7	Yes
25	6406.76		5.96	Yes
50	7586.32		8.36	Yes
100	8915.36		11.54	Yes

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 66.1
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 3.5%
 Structure Comments: No data



Inlet

INLET

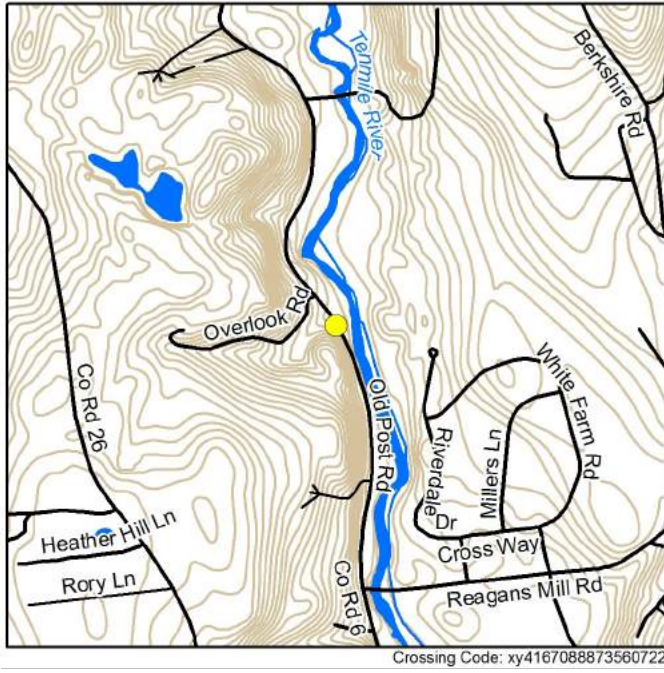
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 2.0, Height: 1.5
 Substrate/Water Width: 2.0
 Water Depth: 0.1
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 2.0, Height: 2.0
 Substrate/Water Width: 2.0
 Water Depth: 0.1



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.671080, -73.560550
 Location Description: local ID TM-48
 Date Observed: 2016-05-26
 Crossing Code: xy4167088873560722

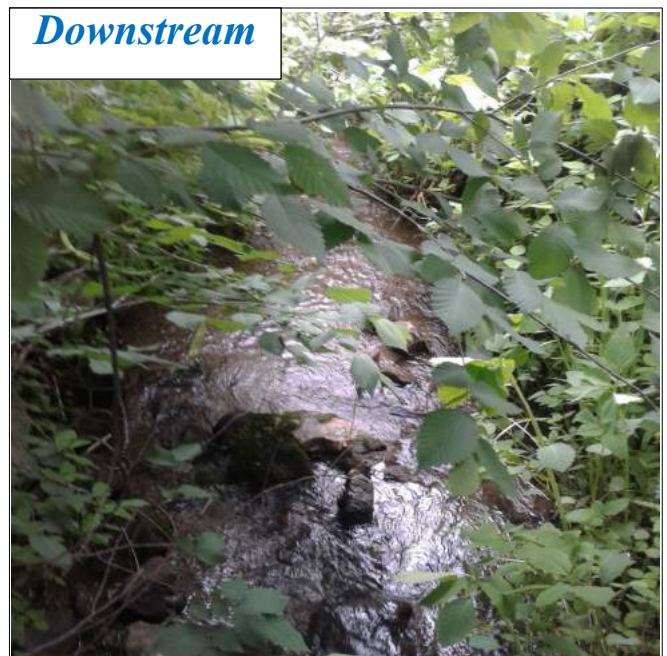
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 3.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	10.45	6.43	0.48	No
5	11.4		0.51	No
10	11.99		0.53	No
25	12.68		0.55	No
50	13.16		0.57	No
100	13.61		0.58	No

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 40.4
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 1.5%
 Structure Comments: No data



Inlet

INLET

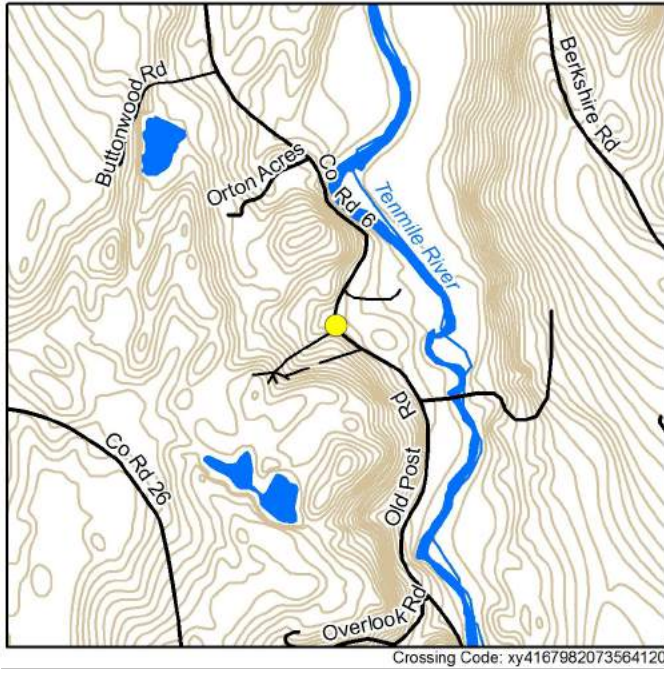
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 5.0, Height: 3.0
 Substrate/Water Width: 5.0
 Water Depth: 0.2
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 5.0, Height: 3.0
 Substrate/Water Width: 3.0
 Water Depth: 0.1



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 7 (Ranked 22 of 86)

LOCATION

Coordinates: 41.679820, -73.564120
 Location Description: local ID TM-47
 Date Observed: 2016-05-26
 Crossing Code: xy4167982073564120

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 2.4

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	4.03	4.33	0.88	No
5	4.31		0.92	No
10	4.5		0.96	No
25	4.76		0.99	No
50	4.95		1.02	No
100	5.13		1.05	No

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 38.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 9.1%
Structure Comments: No data



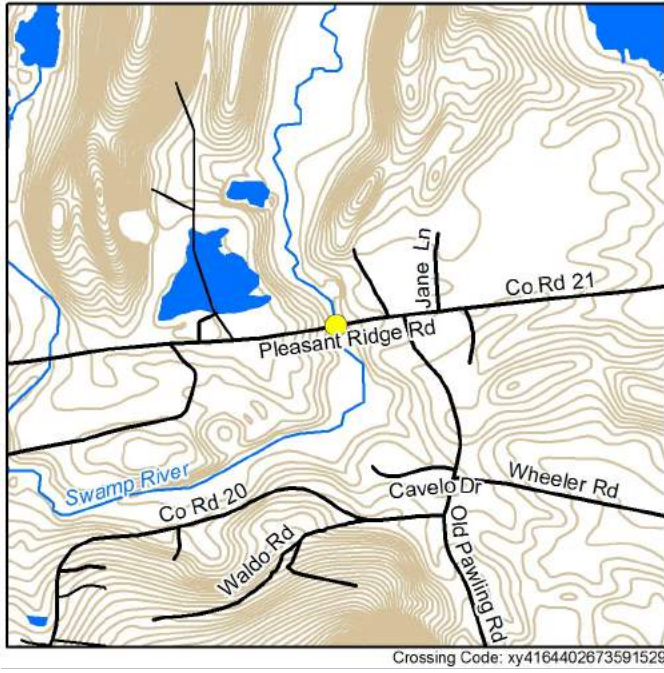
INLET

Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 2.0, Height: 2.0
Substrate/Water Width: 2.0
Water Depth: 0.2
Abutment Height: No data



OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 2.1, Height: 2.0
Substrate/Water Width: 2.1
Water Depth: 0.2



RESULTS

Barrier Evaluation: Insignificant barrier
Town Comments on Condition/Maintenance:
Not Ranked
Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.643920, -73.592180
Location Description: 110 yards from Hoag
Corner Rd.
Date Observed: 2017-11-10
Crossing Code: xy4164402673591529

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
Number of structures/cells: 2
Condition: OK
Constriction: Spans Only Bankfull/Active Channel
Alignment: Flow-Aligned
Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
Bankfull Width (feet): 12
Bankfull Width Confidence: Low/
Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	647.16	N/A	N/A	N/A
5	715.53			
10	757.89			
25	807.64			
50	842.23			
100	875.01			

STRUCTURE 1 OF 2

Material: Concrete
Length (feet): 60.4
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: No data
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 12.0, Height: 9.0
Substrate/Water Width: 12.0
Water Depth: 0.6
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 12.0, Height: 9.1
Substrate/Water Width: 12.0
Water Depth: 0.5

STRUCTURE 2 OF 2

Material: Concrete
Length (feet): 50.4
Dry Passage/Height (feet): Yes

Slope:
Physical Barrier(s)/Severity: Dry (None)
Structure Comments: No data

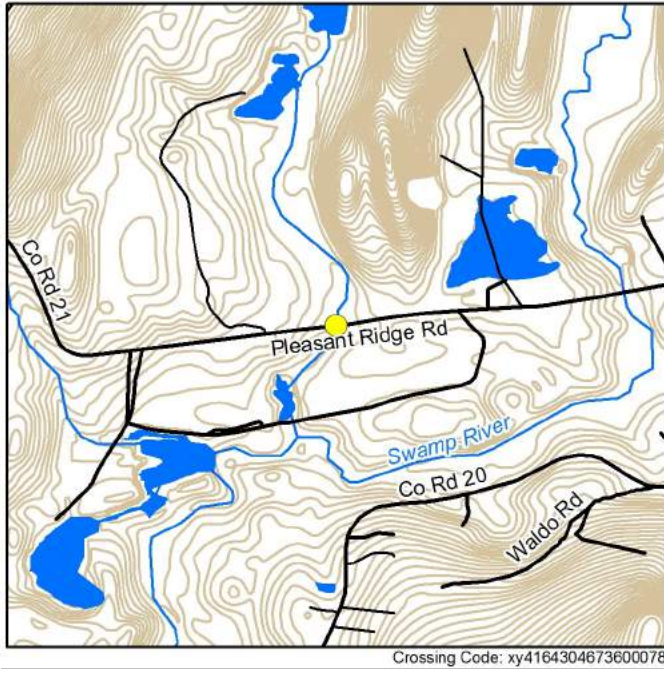
INLET

Inlet Shape/Type: Box/Bridge with Abutments/
Headwall and Wingwalls
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
 Width: 12.0 , Height: 8.1
 Substrate/Water Width: 12
 Water Depth: 0

OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom (feet): 0.0/0.0
Dimensions (feet):
 Width: 12.0, Height: 8.6
 Substrate/Water Width: 12.0
 Water Depth: 0.00





RESULTS

Barrier Evaluation: Significant barrier
Town Comments on Condition/Maintenance:
Not Ranked
Overall Ranking: Tier 7 (Ranked 22 of 86)

LOCATION

Coordinates: 41.643030, -73.600080
Location Description: 3295 Pleasant Ridge Rd.
Date Observed: 2017-11-10
Crossing Code: xy4164304673600078

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Multiple Culvert
Number of structures/cells: 2
Condition: OK
Constriction: Spans Only Bankfull/Active Channel
Alignment: Flow-Aligned
Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
Bankfull Width (feet): 7
Bankfull Width Confidence: Low/
Estimated



Crossing Comments: Upstream flows through stone wall



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 3.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	92.22	6.96	3.04	No
5	103.07		3.8	No
10	109.82		4.32	No
25	117.76		4.98	No
50	123.3		5.46	No
100	128.55		5.94	No

STRUCTURE 1 OF 2

Material: Metal
Length (feet): 40.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 2.1%
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 4.0, Height: 3.8
Substrate/Water Width: 1.5
Water Depth: 0.5
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom: 0.9/ 1.8
Dimensions:
Width: 3.9, Height: 4.0
Substrate/Water Width: 1.5
Water Depth: 0.8

STRUCTURE 2 OF 2

Material: Metal
Length (feet): 40.0
Dry Passage/Height (feet): No

Slope: 2.1%
Physical Barrier(s)/Severity: None
Structure Comments: No data

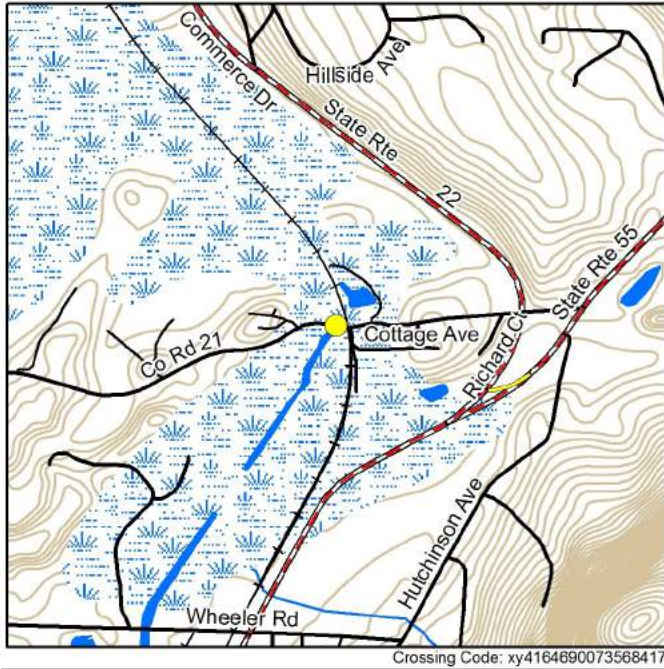
INLET

Inlet Shape/Type: Round Culvert/ Headwall and Wingwalls
Inlet Drop/Grade: At Stream Grade
Dimensions (feet):
Width: 4.0 , Height: 4.0
Substrate/Water Width: 0.9
Water Depth: 0.1

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom (feet): 0.8/1.7
Dimensions (feet):
Width: 4.0, Height: 4.0
Substrate/Water Width: 0.9
Water Depth: 0.10





RESULTS

Barrier Evaluation: Insignificant barrier
Town Comments on Condition/Maintenance: Not Ranked
Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.646940, -73.568470
Location Description: Bridge adjacent to swamp immediately west of Pleasant Ridge railroad crossing
Date Observed: 2017-06-09
Crossing Code: xy4164690073568417

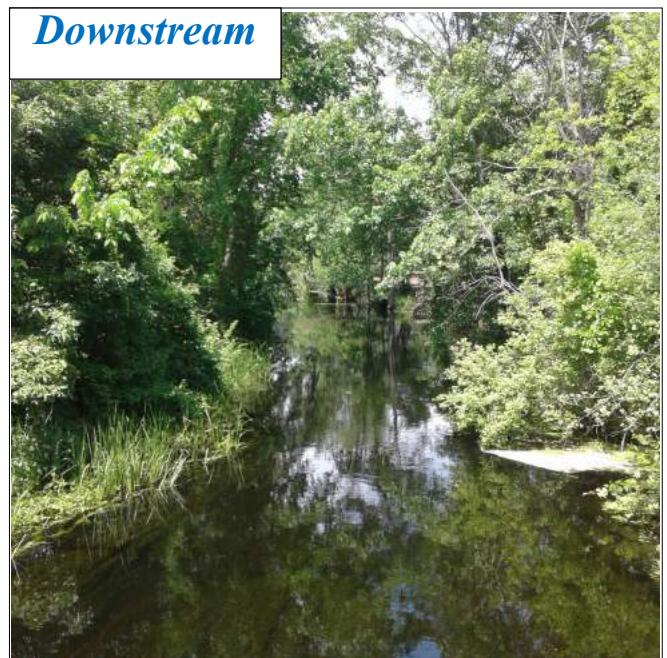
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
Number of structures/cells: 1
Condition: OK
Constriction: Moderate
Alignment: Flow-Aligned
Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
Bankfull Width (feet): 75
Bankfull Width Confidence: Low/
Estimated



Crossing Comments: Upstream area is a swamp, bankfull width is estimated



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	1165.66	N/A	N/A	
5	1350.3			
10	1473.05			
25	1625.21			
50	1735.66			
100	1844.46			

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 24.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: Length is estimated, busy road



Inlet

INLET

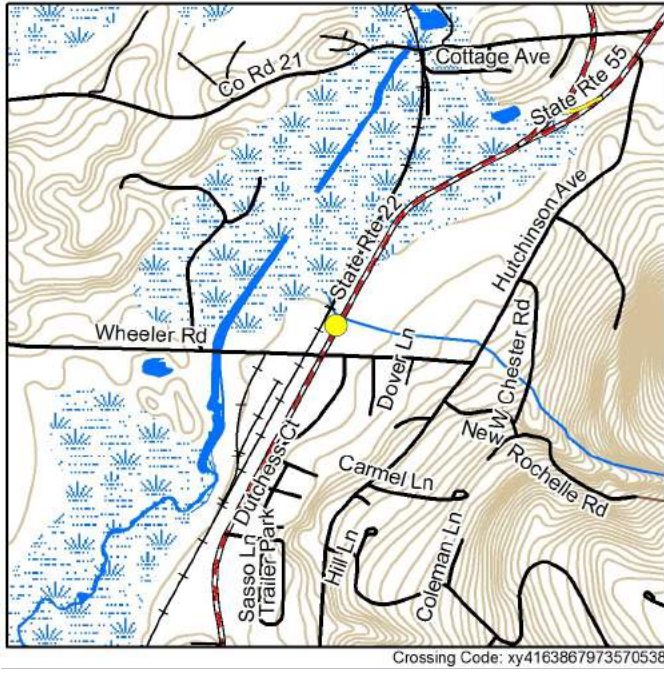
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 63.0, Height: 5.1
 Substrate/Water Width: 63.0
 Water Depth: 3.1
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 52.7, Height: 7.4
 Substrate/Water Width: 52.7
 Water Depth: 3.4



RESULTS

Barrier Evaluation: Insignificant barrier

Town Comments on Condition/Maintenance:

Not Ranked

Overall Ranking: Tier 7 (Ranked 22 of 86)

LOCATION

Coordinates: 41.638727, -73.570546

Location Description: 200' from Wheeler Rd.

Date Observed: 2017-11-03

Crossing Code: xy4163867973570538

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert

Number of structures/cells: 1

Condition: OK

Constriction: Spans Only Bankfull/Active Channel

Alignment: Flow-Aligned

Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None

Bankfull Width (feet): 4

Bankfull Width Confidence: Low/
Estimated

Upstream



Downstream



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 1.2

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	71.7	5.16	5.18	Yes
5	81.6		5.64	Yes
10	88.06		5.94	Yes
25	95.96		6.29	Yes
50	101.61		6.54	Yes
100	107.13		6.77	Yes

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 50.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 0.7%
Structure Comments: No data



Inlet

INLET

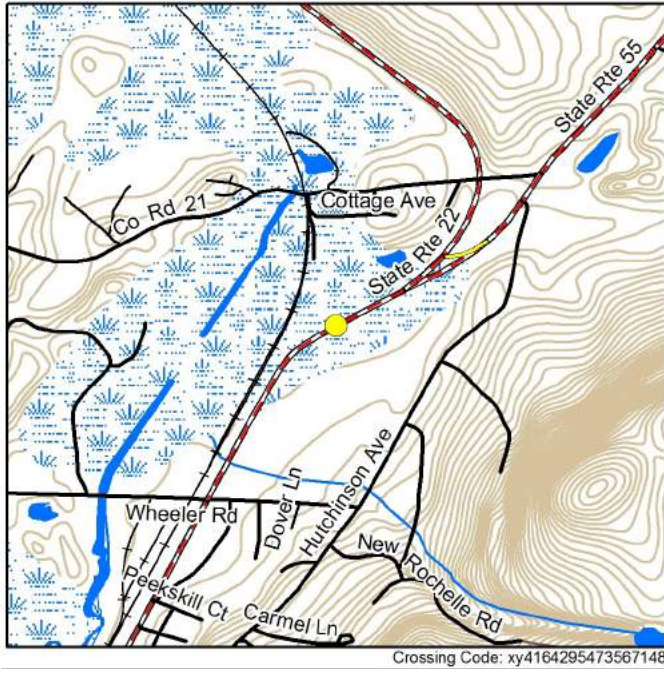
Inlet Shape/Type: Box Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 5.0, Height: 4.0
Substrate/Water Width: 5.0
Water Depth: 0.3
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 5.0, Height: 4.0
Substrate/Water Width: 5.0
Water Depth: 0.3



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 11 (Ranked 52 of 86)

LOCATION

Coordinates: 41.642963, -73.567008
 Location Description: 200 feet south of
 Cousin's Wood Fired Pizza
 Date Observed: 2017-06-09
 Crossing Code: xy4164295473567148

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): 29.5
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 3.9

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	10.87	6.91	0.08	No
5	12.94		0.08	No
10	14.33		0.09	No
25	16.06		0.09	No
50	17.33		0.09	No
100	18.58		0.1	No

STRUCTURE 1 OF 1

Material: Combination
Length (feet): 35.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: Fencing (Minor)
Slope: 3.0%
Structure Comments: There is a wire fence at the inlet, but there is a 1-foot gap between by the

Inlet



Outlet

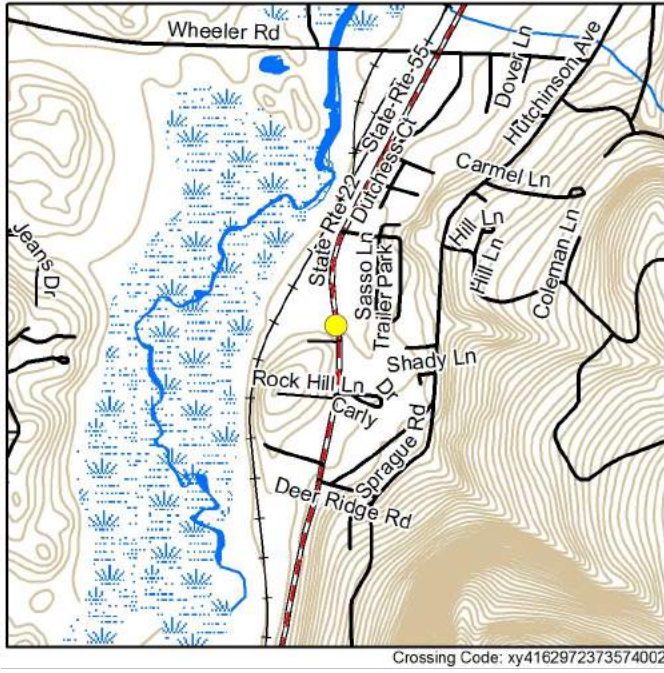


INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 5.5, Height: 3.1
Substrate/Water Width: 5.5
Water Depth: 1.4
Abutment Height: No data

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 5.4, Height: 3.2
Substrate/Water Width: 3.8
Water Depth: 2.7



RESULTS

Barrier Evaluation: Moderate barrier
 Town Comments on Condition/Maintenance: Flooding issues
 Overall Ranking: Tier 6 (Ranked 14 of 86)

LOCATION

Coordinates: 41.629766, -73.573818
 Location Description: Dutchess motor lodge motel
 Date Observed: 2017-06-13
 Crossing Code: xy4162972373574002

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Multiple Culvert
 Number of structures/cells: 2
 Condition: OK
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): 10
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 0.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	83.5	3.28	1.25	No
5	94.14		1.59	No
10	100.78		1.82	No
25	108.64		2.11	No
50	114.13		2.33	No
100	119.35		2.55	No

STRUCTURE 1 OF 2

Material: Metal
Length (feet): 61.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: Debris/Sediment/
Rock (Moderate)
Slope: 3.9%
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: Perched
Dimensions:
Width: 1.5, Height: 1.6
Substrate/Water Width: 0.9
Water Depth: 0.1
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom: 0.1/ 0.4
Dimensions:
Width: 1.6, Height: 1.5
Substrate/Water Width: 1.1
Water Depth: 0.1

STRUCTURE 2 OF 2

Material: Metal
Length (feet): 52.0
Dry Passage/Height (feet): No

Slope: 5.2%
Physical Barrier(s)/Severity: None
Structure Comments: Outlet 2 has a separate

INLET

Inlet Shape/Type: Round Culvert/ Headwall
Inlet Drop/Grade: Perched
Dimensions (feet):
Width: 2.1 , Height: 2.1
Substrate/Water Width: 1.7
Water Depth: 0.1

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom (feet): 0.0/0.2
Dimensions (feet):
Width: 2.1, Height: 2.1
Substrate/Water Width: 1.9
Water Depth: 0.70

ADDITIONAL PHOTOS

Other Photo



Other Photo





RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 8 (Ranked 33 of 86)

LOCATION

Coordinates: 41.658770, -73.560650
 Location Description: 300 ft from highway 6 turnoff crossing through farm
 Date Observed: 2017-11-03
 Crossing Code: xy4165867373560193

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Spans Full Channel & Banks
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Unknown
 Bankfull Width (feet): 2.25
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: Electric fence and plastic pipe outfall 50 upstream. rubber hose runs through culvert



Road

ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 2.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	10.39	7.2	0.58	No
5	11.8		0.61	No
10	12.64		0.63	No
25	13.59		0.65	No
50	14.24		0.67	No
100	14.83		0.68	No

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 40.5
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 5.4%
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Box Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 7.9, Height: 5.2
Substrate/Water Width: 4.7
Water Depth: 5.0000000000000003E-2
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 8.1, Height: 5.0
Substrate/Water Width: 7.5
Water Depth: 5.0000000000000003E-2



Crossing Code: xy4165331973539295

RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 11 (Ranked 52 of 86)

LOCATION

Coordinates: 41.653150, -73.539230
 Location Description: Local ID TM-80
 Date Observed: 2016-06-01
 Crossing Code: xy4165331973539295

STREAM AND CROSSING

CROSSING CHARACTERISTICS

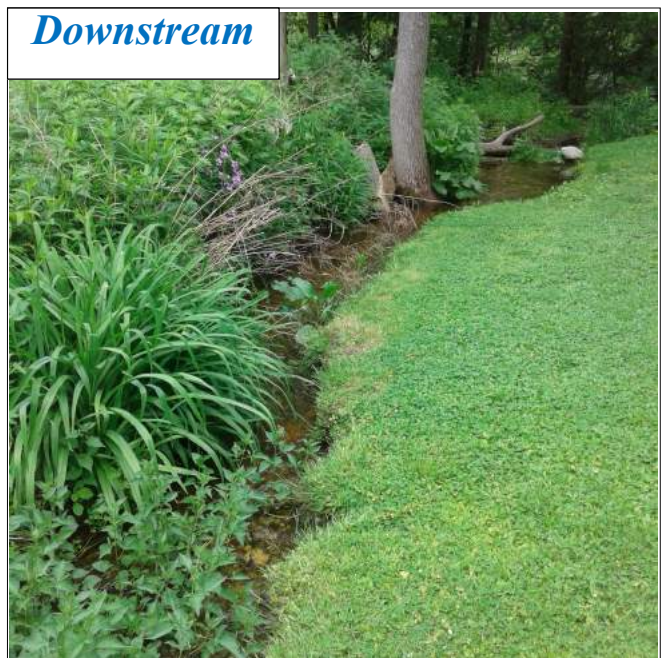
Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Upstream



Downstream

Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 3.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	26.69	3.37	1.65	No
5	29.65		1.77	No
10	31.51		1.84	No
25	33.72		1.92	No
50	35.27		1.98	No
100	36.76		2.04	No

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 35.5
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 0.6%
Structure Comments: No data

Inlet



INLET

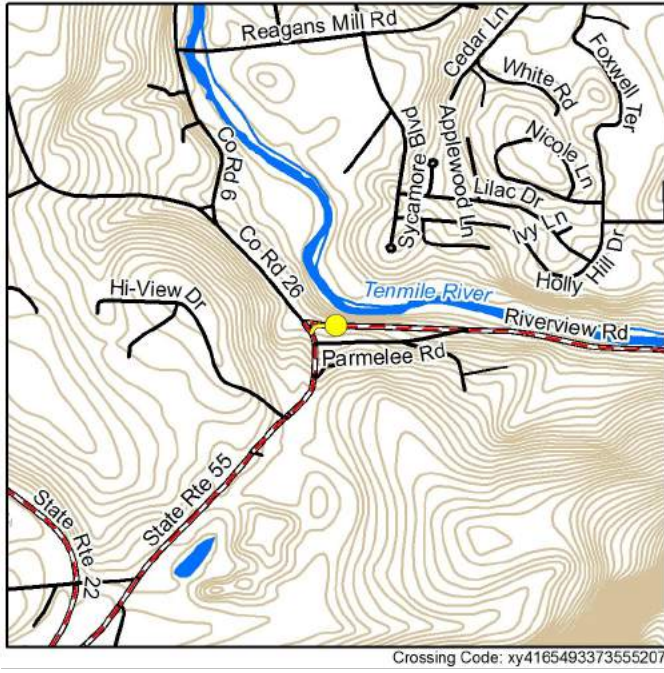
Inlet Shape/Type: Box/Bridge with Abutments
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 6.2, Height: 2.0
Substrate/Water Width: 6.2
Water Depth: 0.2
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Box/Bridge with Abutments
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:
Width: 6.2, Height: 1.0
Substrate/Water Width: 6.2
Water Depth: 0.1



RESULTS

Barrier Evaluation: Severe barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 6 (Ranked 14 of 86)

LOCATION

Coordinates: 41.654890, -73.555210
 Location Description: Local ID TM-79
 Date Observed: 2016-06-01
 Crossing Code: xy416549337355207

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Severe
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 1.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	0.88	3.41	0.05	No
5	1.01		0.06	No
10	1.09		0.06	No
25	1.18		0.06	No
50	1.24		0.06	No
100	1.3		0.06	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 43.3
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 3.6%
Structure Comments: No data

Inlet



INLET

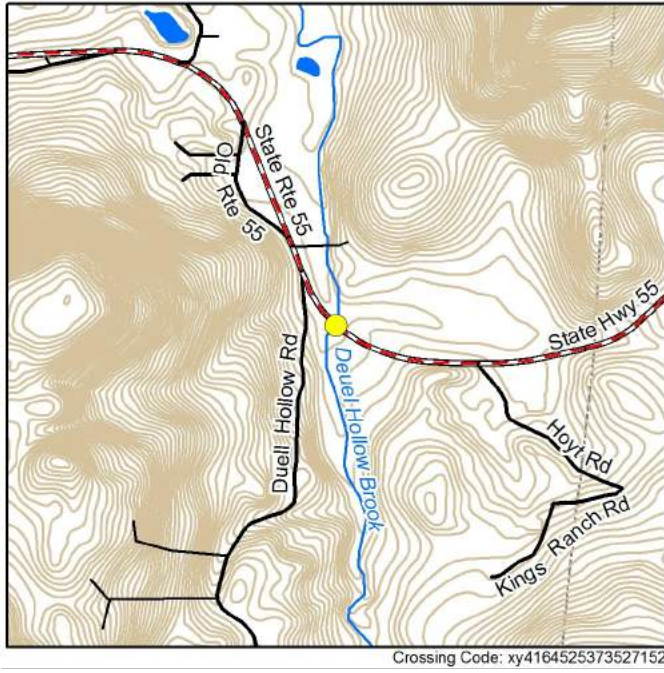
Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: Perched
Dimensions:
Width: 2.0, Height: 2.0
Substrate/Water Width: 0.6
Water Depth: 0.1
Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: Free Fall Onto Cascade
Drop to Stream Surface/Bottom: 2.0/ 2.1
Dimensions:
Width: 2.0, Height: 2.0
Substrate/Water Width: 0.5
Water Depth: 0.1



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.645170, -73.527180
 Location Description: Local ID TM-81
 Date Observed: 2016-06-01
 Crossing Code: xy4164525373527152

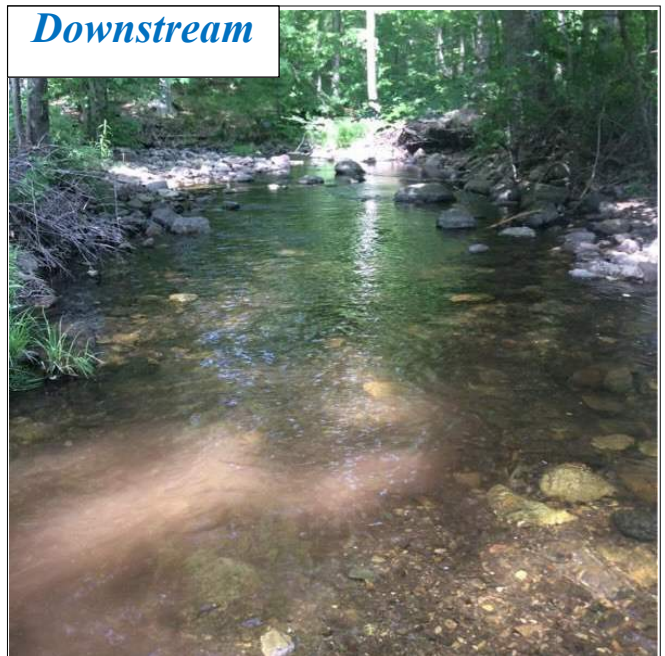
STREAM AND CROSSING

CROSSING CHARACTERISTICS

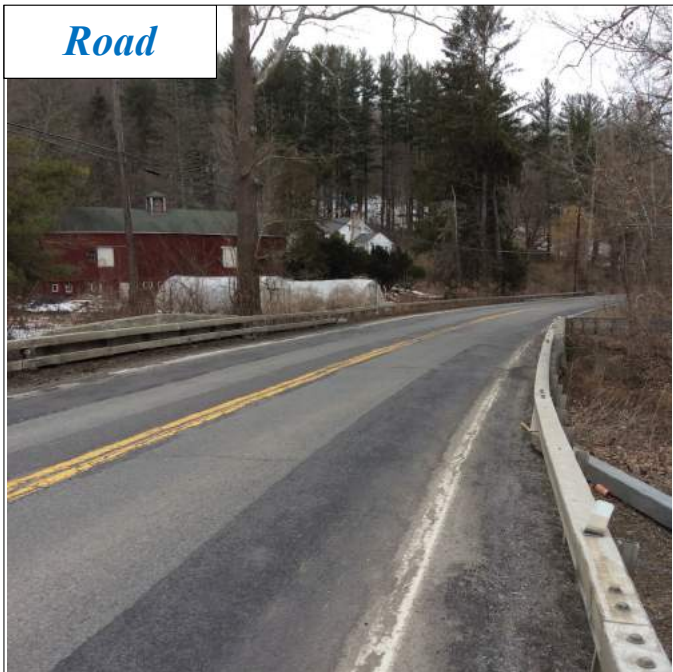
Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	523.88	N/A		
5	584.68			
10	623.92			
25	671.41			
50	705.18			
100	737.91			

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 38.6
 Internal Features/Structures: None
 Dry Passage/Height: Yes

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



Inlet

INLET

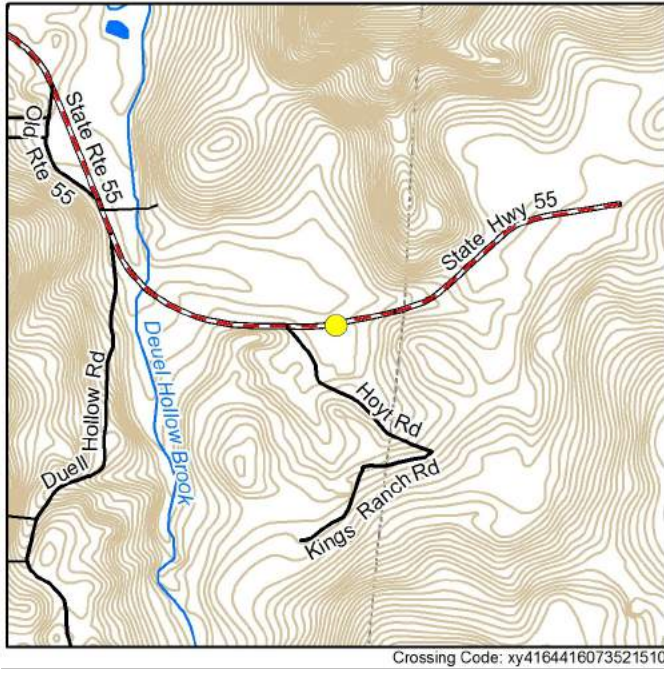
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 23.0, Height: 8.0
 Substrate/Water Width: 23.0
 Water Depth: 1.3
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 23.0, Height: 6.4
 Substrate/Water Width: 23.0
 Water Depth: 1.0



RESULTS

Barrier Evaluation: Moderate barrier

Town Comments on Condition/Maintenance:

Not Ranked

Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.644240, -73.521540

Location Description: 200' east of Holt Rd.

Date Observed: 2017-11-03

Crossing Code: xy4164416073521510

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert

Number of structures/cells: 1

Condition: OK

Constriction: Spans Only Bankfull/Active Channel

Alignment: Flow-Aligned

Internal Features/Structures: None

STREAM CHARACTERISTICS

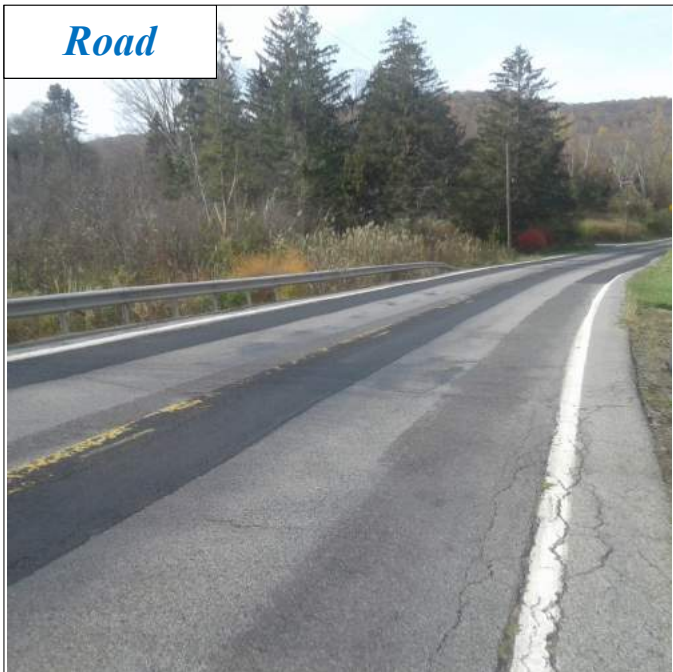
Scour Pool: None

Bankfull Width (feet): 3.6

Bankfull Width Confidence: High



Crossing Comments: Stormwater outfall just upstream of inlet river right.



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 5.9

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	18.3	8.9	2.6	No
5	20.28		2.78	No
10	21.53		2.89	No
25	23.01		3.03	No
50	24.05		3.12	No
100	25.05		3.2	No

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 45.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 0.7%
 Structure Comments: No data



Inlet

INLET

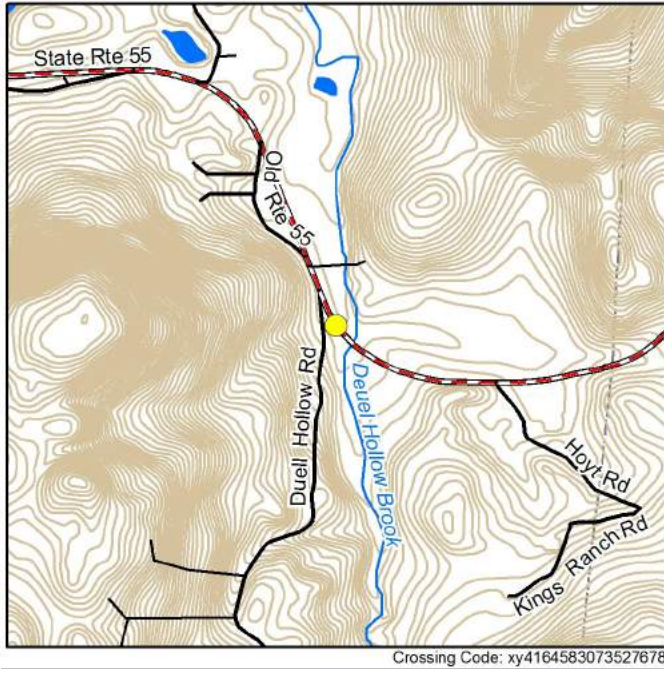
Inlet Shape/Type: Box Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 3.0, Height: 3.0
 Substrate/Water Width: 3.0
 Water Depth: 0.1
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box Culvert
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 0.6/ 0.8
 Dimensions:
 Width: 3.0, Height: 3.0
 Substrate/Water Width: 3.0
 Water Depth: 0.1



RESULTS

Barrier Evaluation: Severe barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 7 (Ranked 22 of 86)

LOCATION

Coordinates: 41.645810, -73.527730
 Location Description: Local ID TM-22
 Date Observed: 2016-05-23
 Crossing Code: xy4164583073527678

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Paved
 Road Fill Height (feet): 2.8

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	10.65	5.03	1.76	No
5	11.74		1.88	No
10	12.43		1.95	No
25	13.25		2.04	No
50	13.82		2.1	No
100	14.37		2.16	No

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 40.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: Fencing (Moderate)
 Slope: 2.5%
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Box Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 3.0, Height: 3.0
 Substrate/Water Width: 3.0
 Water Depth: 0.1
 Abutment Height: No data



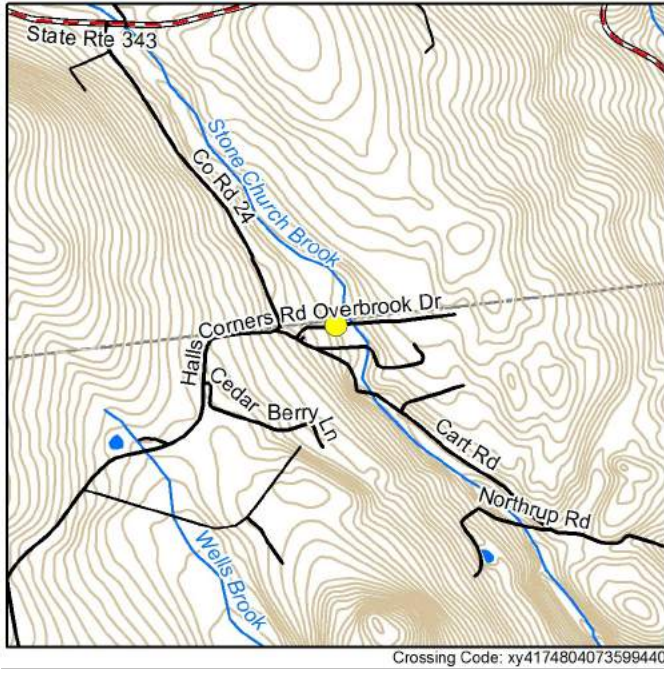
Outlet

OUTLET

Outlet Shape: Box Culvert
 Outlet Drop/Grade: Free Fall Onto Cascade
 Drop to Stream Surface/Bottom: 1.2/ 1.8
 Dimensions:
 Width: 3.0, Height: 3.0
 Substrate/Water Width: 3.0
 Water Depth: 0.1

Private/Other Crossings

Entries are organized geographically by Map Index Key,
beginning with 1A



RESULTS

Barrier Evaluation: Severe barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 4 (Ranked 8 of 86)

LOCATION

Coordinates: 41.748040, -73.599440
 Location Description: Local ID TM-93
 Date Observed: 2016-06-02
 Crossing Code: xy4174804073599440

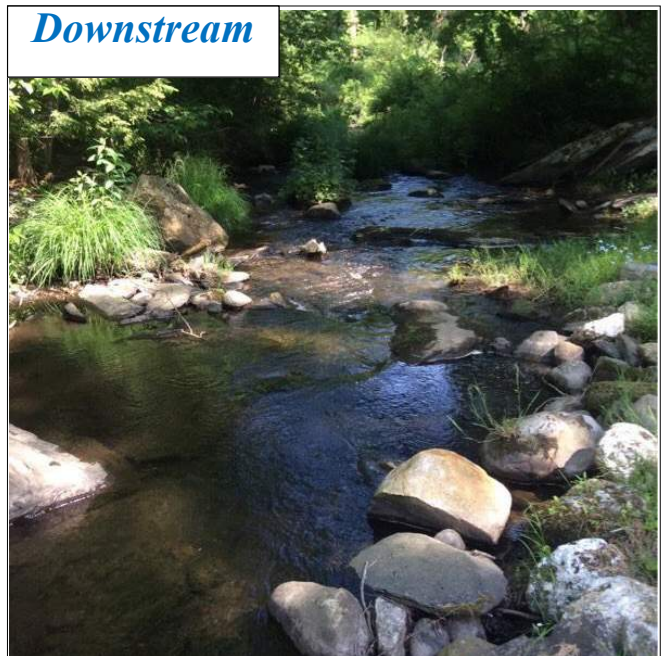
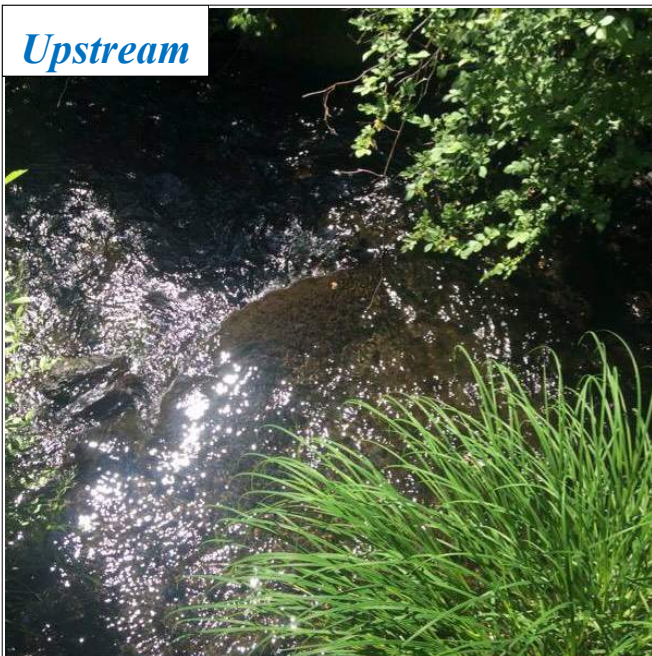
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: Collapsing



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 4.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	221.98	10.19	7.76	No
5	248.73		8.47	No
10	266.66		8.93	No
25	289.01		9.5	No
50	305.39		9.91	No
100	321.48		10.32	Yes

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 23.7
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 0.8%
Structure Comments: No data



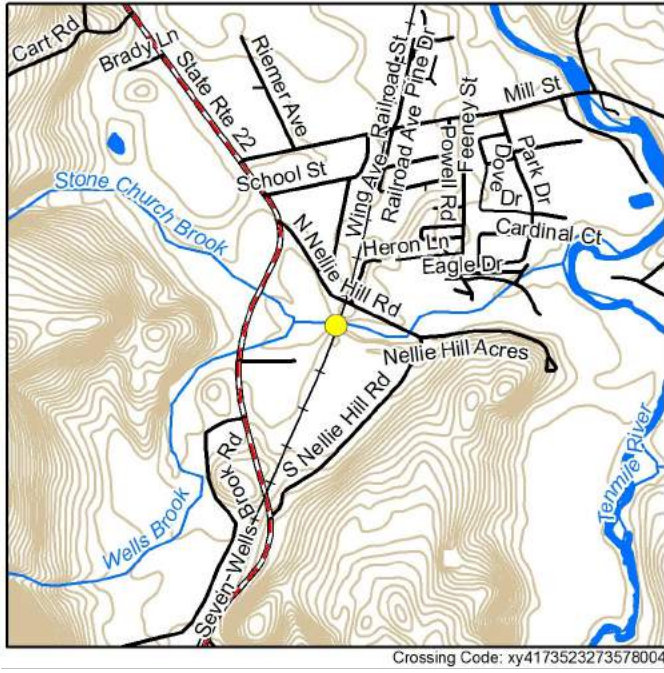
INLET

Inlet Shape/Type: Pipe Arch/Elliptical Culvert
Inlet Drop/Grade: Perched
Dimensions:
Width: 7.0, Height: 4.0
Substrate/Water Width: 6.8
Water Depth: 0.8
Abutment Height: No data



OUTLET

Outlet Shape: Pipe Arch/Elliptical Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom: 1.2/ 1.3
Dimensions:
Width: 7.0, Height: 4.0
Substrate/Water Width: 5.5
Water Depth: 0.3



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.735340, -73.578090
 Location Description: 500' downstream of Dunkin Donuts
 Date Observed: 2017-05-18
 Crossing Code: xy4173523273578004

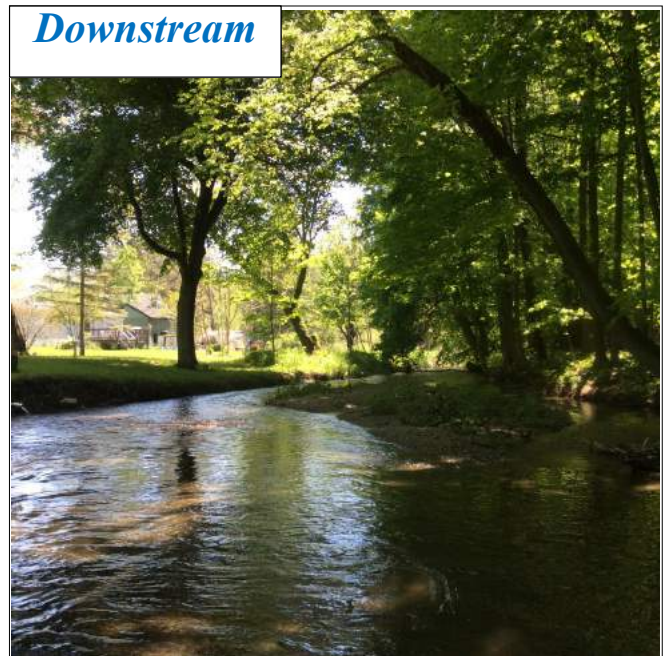
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: Possible illegal connection downstream river left. See downstream photo. Breached beaver dam upstream.



Road

ROAD

Road Type/Surface: Railroad
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	535.89	N/A		
5	603.71			
10	647.4			
25	700.2			
50	737.74			
100	774.11			

STRUCTURE 1 OF 1

Material: Rock/Stone
 Length (feet): 44.2
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



Inlet

INLET

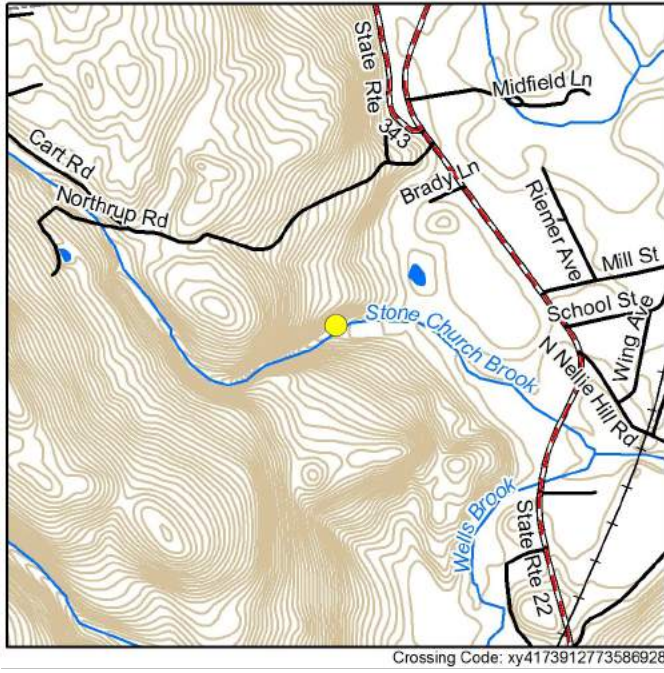
Inlet Shape/Type: Open Bottom Arch Bridge/
 Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 14.7, Height: 10.8
 Substrate/Water Width: 14.7
 Water Depth: 1.3
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Open Bottom Arch Bridge/
 Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 14.5, Height: 10.8
 Substrate/Water Width: 14.5
 Water Depth: 1.1



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.739350, -73.586760
 Location Description: Dover Stone Church Trail
 Date Observed: 2017-05-24
 Crossing Code: xy4173912773586928

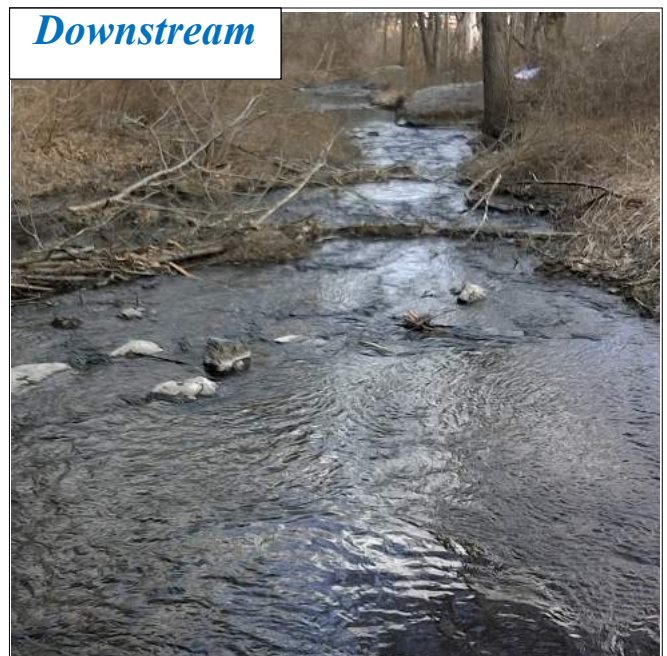
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): 21
 Bankfull Width Confidence: High



Crossing Comments: Pedestrian bridge



Road

ROAD

Road Type/Surface: Trail
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	270.19	N/A	N/A	N/A
5	303.46			
10	325.48			
25	352.73			
50	372.56			
100	391.94			

STRUCTURE 1 OF 1

Material: Combination
 Length (feet): 3.0
 Internal Features/Structures: None
 Dry Passage/Height: Yes

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



Inlet

INLET

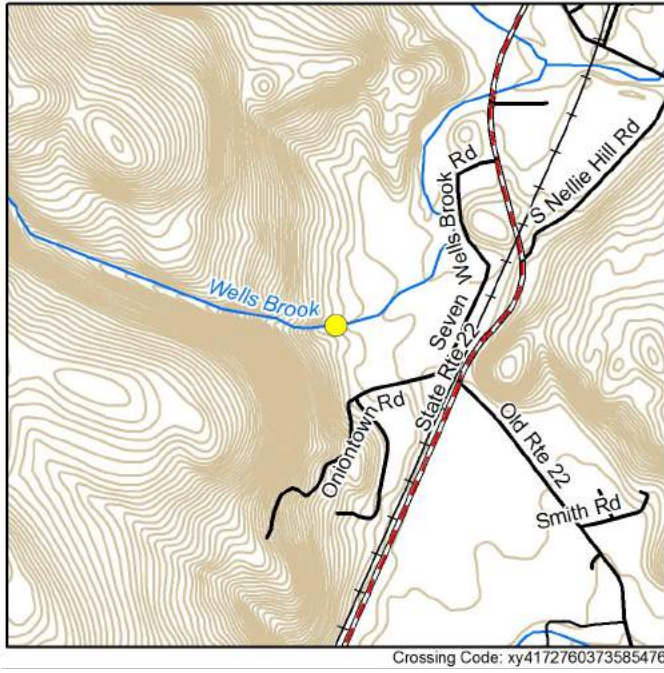
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 15.6, Height: 3.8
 Substrate/Water Width: 15.3
 Water Depth: 0.8
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 14.5, Height: 4.0
 Substrate/Water Width: 14.5
 Water Depth: 0.8



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.730630, -73.590240
 Location Description: Below seven Wells
 Date Observed: 2017-05-18
 Crossing Code: xy4172760373585476

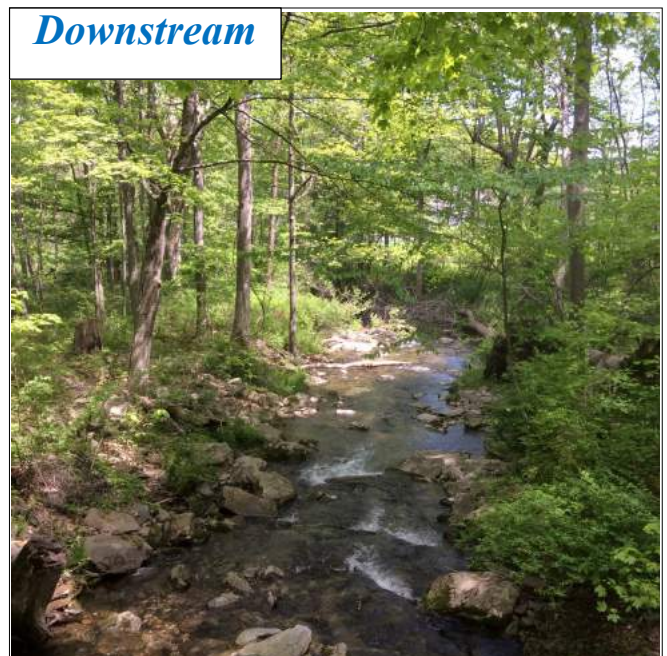
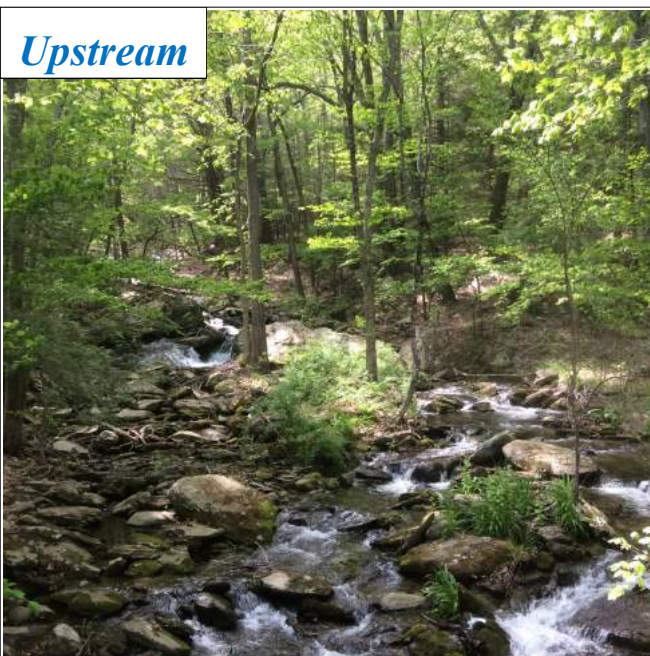
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Full Channel & Banks
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data

Road



ROAD

Road Type/Surface: Unpaved

Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	213.63	N/A	N/A	N/A
5	239.87			
10	256.6			
25	276.67			
50	290.87			
100	304.55			

STRUCTURE 1 OF 1

Material: Rock/Stone

Length (feet): 12.2

Internal Features/Structures: None

Dry Passage/Height: Yes

Physical Barrier(s)/Severity: None

Slope: No data

Structure Comments: No data

Inlet



INLET

Inlet Shape/Type: Bridge with Side Slopes

Inlet Drop/Grade: At Stream Grade

Dimensions:

Width: 32.3, Height: 6.5

Substrate/Water Width: 11.5

Water Depth: 1.4

Abutment Height: No data

Outlet



OUTLET

Outlet Shape: Bridge with Side Slopes

Outlet Drop/Grade: At Stream Grade

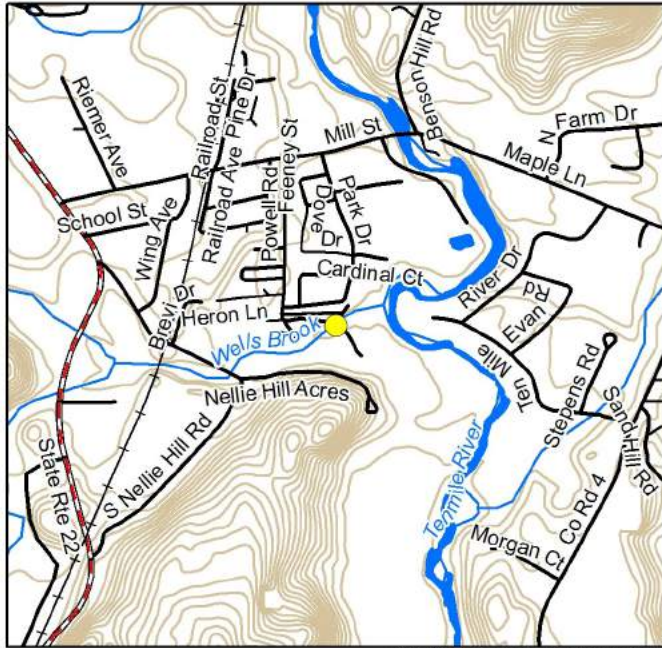
Drop to Stream Surface/Bottom: 0.0/ 0.0

Dimensions:

Width: 34.7, Height: 6.9

Substrate/Water Width: 12.6

Water Depth: 1.1



Crossing Code: xy4173644673572693

RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.736430, -73.572750
 Location Description: Field next to trailer park
 Date Observed: 2017-05-18
 Crossing Code: xy4173644673572693

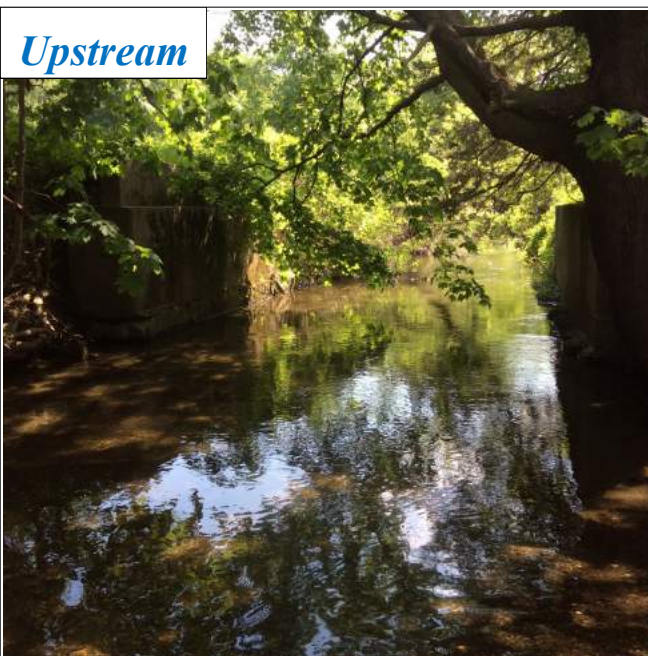
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Small
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Upstream



Downstream

Crossing Comments: Old bridge abutment upstream.



Road

ROAD

Road Type/Surface: Unpaved
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	547.92	N/A	N/A	N/A
5	618.3			
10	663.46			
25	717.88			
50	756.51			
100	793.86			

STRUCTURE 1 OF 1

Material: Concrete
 Length (feet): 16.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: Armor creates free fall



Inlet

INLET

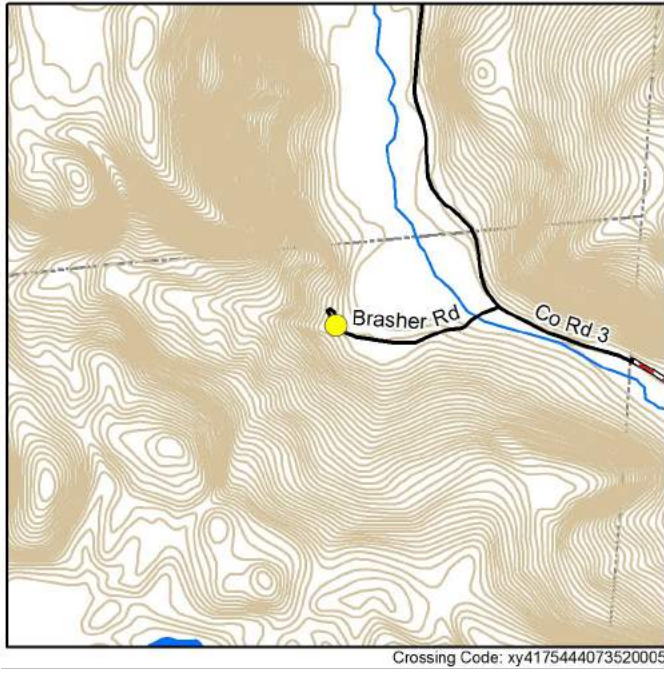
Inlet Shape/Type: Box/Bridge with Abutments
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 16.2, Height: 5.5
 Substrate/Water Width: 16.2
 Water Depth: 1.0
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 0.3/ 2.1
 Dimensions:
 Width: 16.2, Height: 5.5
 Substrate/Water Width: 16.2
 Water Depth: 1.0



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 4 (Ranked 8 of 86)

LOCATION

Coordinates: 41.754220, -73.519800
 Location Description: 200 feet before last house on Oak Lane
 Date Observed: 2016-03-24
 Crossing Code: xy4175444073520005

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Severe
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Unpaved

Road Fill Height (feet): 1.7

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	48.36	4.72	0.63	No
5	91.76		1.84	No
10	138.65		3.55	No
25	227.33		7.69	Yes
50	321.2		13.14	Yes
100	446.05		21.87	Yes

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 21.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 6.7%
 Structure Comments: No data



Inlet

INLET

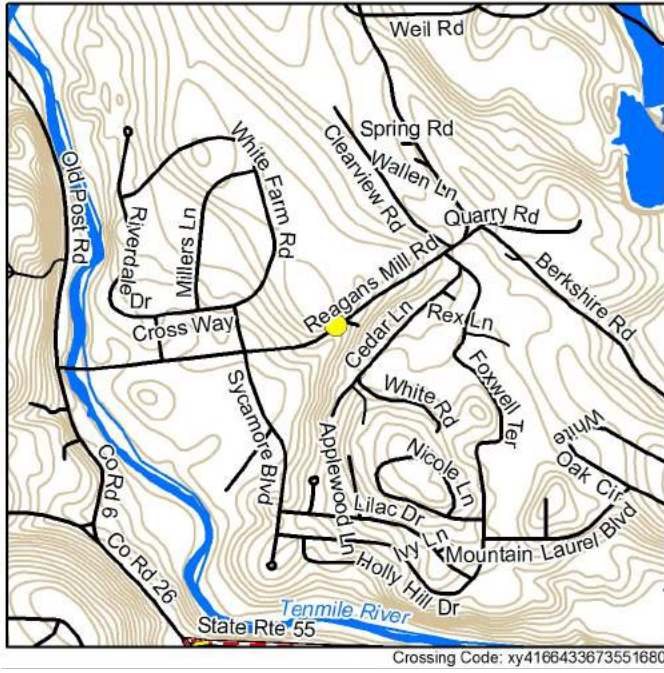
Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 3.0, Height: 3.0
 Substrate/Water Width: 1.6
 Water Depth: 0.2
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: Cascade
 Drop to Stream Surface/Bottom: 0.4/ 0.8
 Dimensions:
 Width: 3.0, Height: 3.0
 Substrate/Water Width: 1.3
 Water Depth: 0.2



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 8 (Ranked 33 of 86)

LOCATION

Coordinates: 41.664543, -73.551554
 Location Description: Gravel Utility road off Reagans Mill Rd.
 Date Observed: 2017-11-03
 Crossing Code: xy4166433673551680

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: Poor
 Constriction: Severe
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Unknown
 Bankfull Width (feet): 9.1
 Bankfull Width Confidence: Low/
 Estimated



Crossing Comments: Large tree and rock upstream of inlet with debris jam



Road

ROAD

Road Type/Surface: Unpaved
Road Fill Height (feet): 2.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	11.86	5.48	1.1	No
5	13.29		1.23	No
10	14.13		1.31	No
25	15.08		1.4	No
50	15.72		1.46	No
100	16.3		1.51	No

STRUCTURE 1 OF 1

Material: Metal
Length (feet): 30.0
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 3.2%
Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:

Width: 3.0, Height: 3.0
Substrate/Water Width: 1.0
Water Depth: 8.999999999999997E-2
Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
Outlet Drop/Grade: At Stream Grade
Drop to Stream Surface/Bottom: 0.0/ 0.0
Dimensions:

Width: 3.0, Height: 2.6
Substrate/Water Width: 2.3
Water Depth: 0.1



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.664360, -73.532190
 Location Description: Local ID TM-65
 Date Observed: 2016-05-31
 Crossing Code: xy4166436073532190

STREAM AND CROSSING

CROSSING CHARACTERISTICS

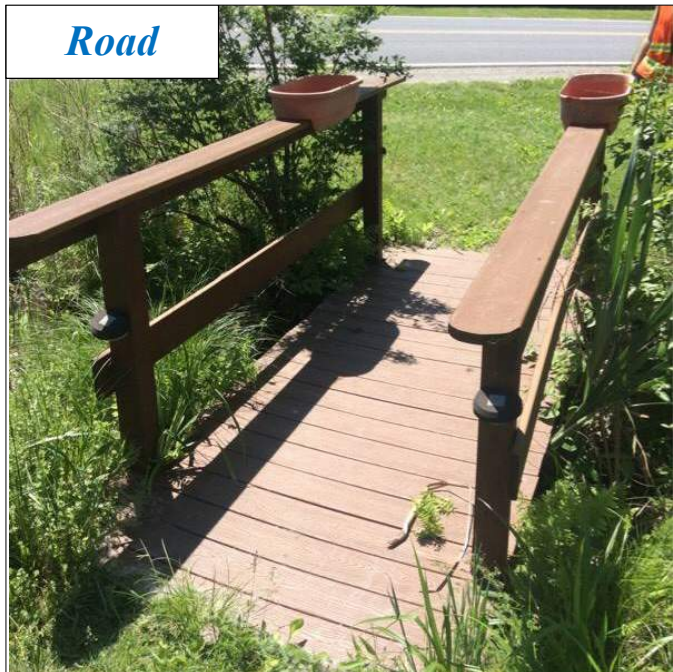
Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: Random pipe placed underneath the bridge



ROAD

Road Type/Surface: Trail
 Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	10.57	N/A		
5	11.6			
10	12.38			
25	13.45			
50	14.28			
100	15.13			

STRUCTURE 1 OF 1

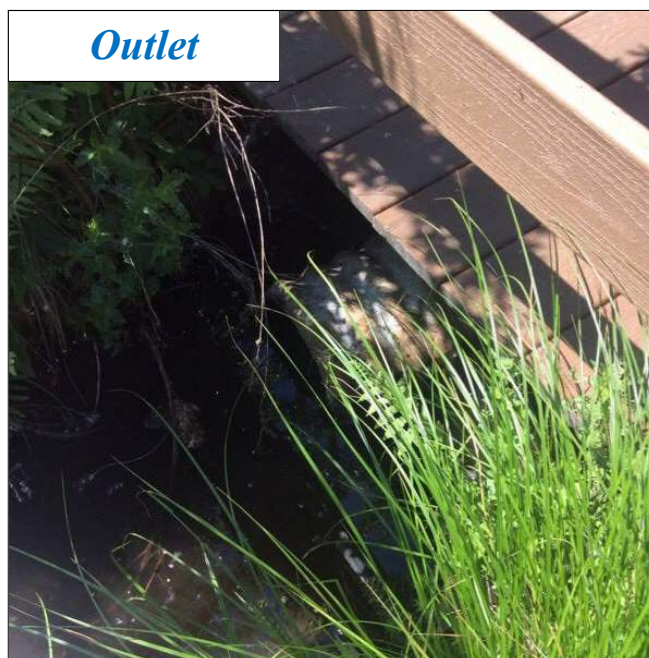
Material: Wood
 Length (feet): 4.2
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: No data
 Structure Comments: No data



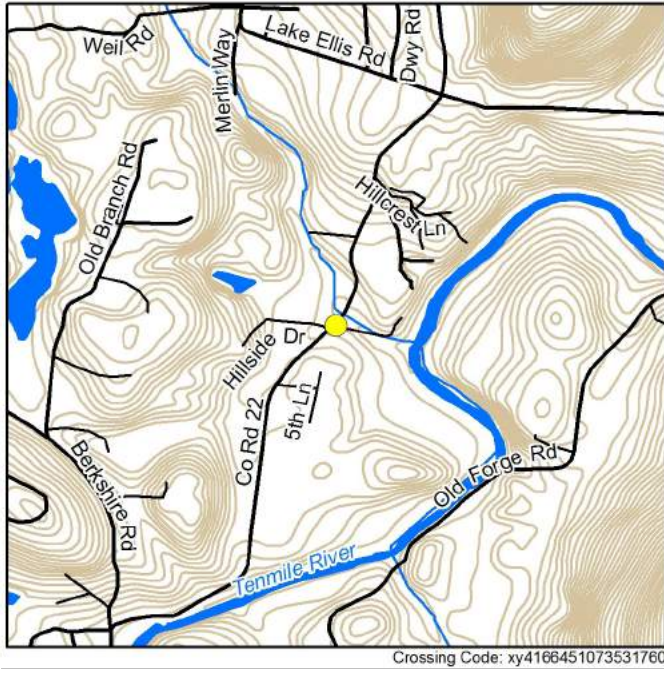
INLET

Inlet Shape/Type: Open Bottom Arch Bridge/
 Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 10.0, Height: 2.2
 Substrate/Water Width: 3.5
 Water Depth: 0.4
 Abutment Height: No data



OUTLET

Outlet Shape: Open Bottom Arch Bridge/
 Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 10.0, Height: 2.2
 Substrate/Water Width: 3.5
 Water Depth: 0.8



RESULTS

Barrier Evaluation: Severe barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 7 (Ranked 22 of 86)

LOCATION

Coordinates: 41.664510, -73.531760
 Location Description: Local ID TM-63
 Date Observed: 2016-05-31
 Crossing Code: xy4166451073531760

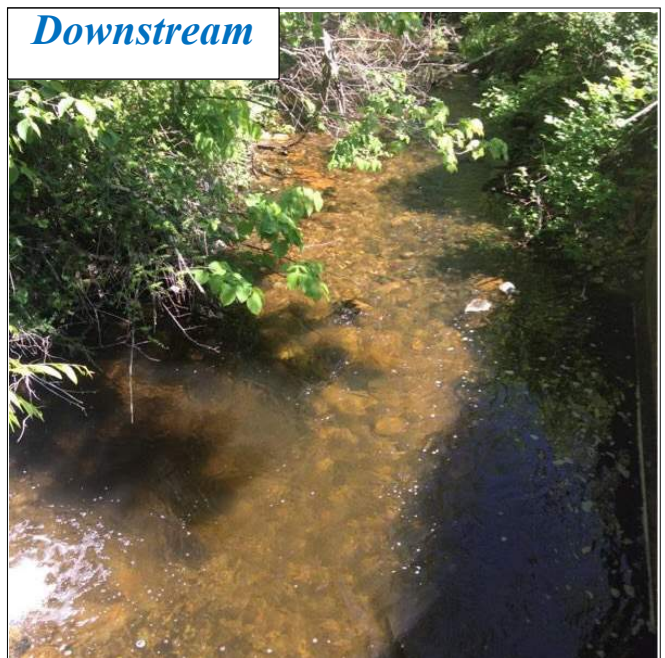
STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



Road

ROAD

Road Type/Surface: Driveway

Road Fill Height (feet): 0.7

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	10.59	2.8	0.79	No
5	11.63		0.94	No
10	12.42		1.06	No
25	13.49		1.24	No
50	14.32		1.38	No
100	15.18		1.54	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 90.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 5.1%
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:

Width: 2.0, Height: 2.0
 Substrate/Water Width: 1.3
 Water Depth: 0.1
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: Free Fall
 Drop to Stream Surface/Bottom: 2.7/ 2.9
 Dimensions:

Width: 2.0, Height: 2.0
 Substrate/Water Width: 1.0
 Water Depth: 1.0



RESULTS

Barrier Evaluation: Minor barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.664260, -73.532230
 Location Description: Local ID TM-64
 Date Observed: 2016-05-31
 Crossing Code: xy4166426073532230

STREAM AND CROSSING

CROSSING CHARACTERISTICS

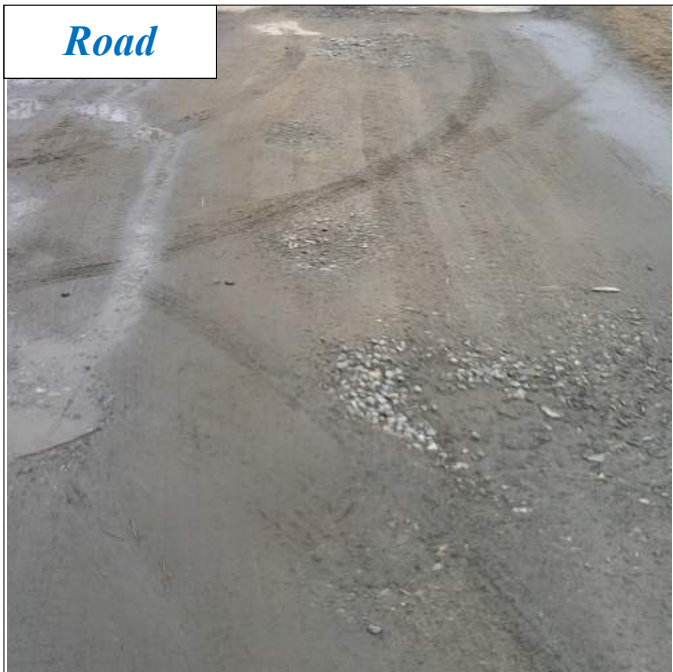
Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: No data



ROAD

Road Type/Surface: Driveway

Road Fill Height (feet): 0.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	10.57	2.03	0.91	No
5	11.6		1.08	No
10	12.38		1.23	No
25	13.45		1.44	No
50	14.28		1.62	No
100	15.13		1.81	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 20.3
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: Debris/Sediment/
 Rock (Minor)
 Slope: 1.8%
 Structure Comments: No data



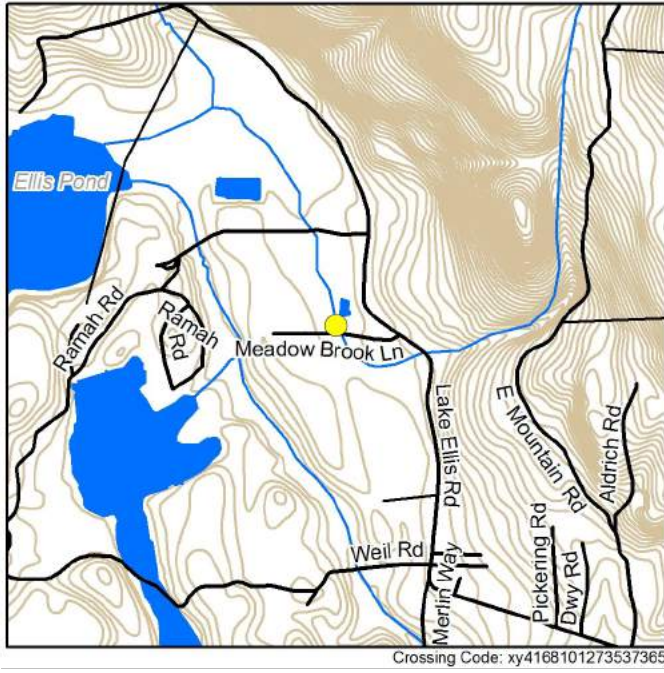
INLET

Inlet Shape/Type: Round Culvert
 Inlet Drop/Grade: Inlet Drop
 Dimensions:
 Width: 1.5, Height: 1.6
 Substrate/Water Width: 1.0
 Water Depth: 0.3
 Abutment Height: No data



OUTLET

Outlet Shape: Round Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 1.7, Height: 1.2
 Substrate/Water Width: 1.1
 Water Depth: 0.3



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 12 (Ranked 65 of 86)

LOCATION

Coordinates: 41.681010, -73.537340
 Location Description: Local ID TM-74
 Date Observed: 2016-06-01
 Crossing Code: xy4168101273537365

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Spans Only Bankfull/Active Channel
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Crossing Comments: Grass crossing directly downstream from a road crossing



Road

ROAD

Road Type/Surface: Driveway

Road Fill Height (feet): 0.5

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	178.53	4.5	3.19	No
5	194.67		3.44	No
10	204.63		3.59	No
25	216.29		3.77	No
50	224.37		3.89	No
100	232.02		4.01	No

STRUCTURE 1 OF 1

Material: Metal
 Length (feet): 17.5
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: Debris/Sediment/
 Rock (Minor)
 Slope: 0.5%
 Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Pipe Arch/Elliptical Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:

Width: 5.8, Height: 4.0
 Substrate/Water Width: 5.8
 Water Depth: 1.5
 Abutment Height: No data

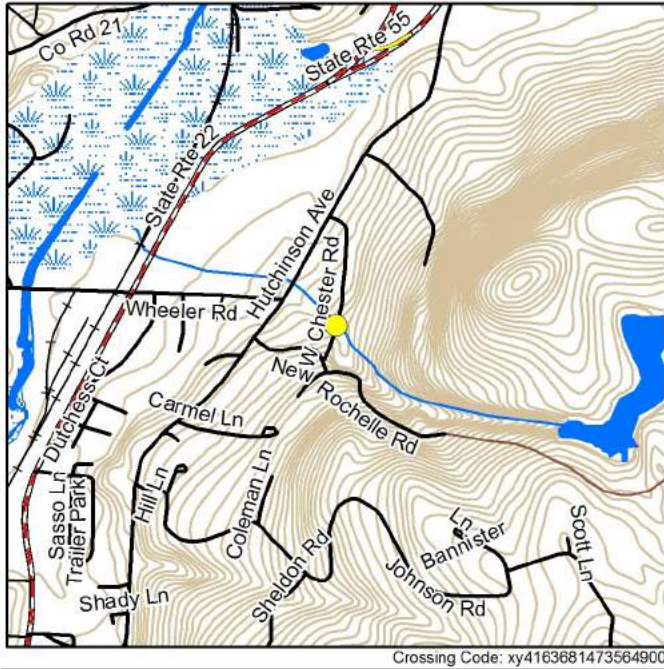


Outlet

OUTLET

Outlet Shape: Pipe Arch/Elliptical Culvert
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:

Width: 5.5, Height: 4.0
 Substrate/Water Width: 5.5
 Water Depth: 1.3



RESULTS

Barrier Evaluation: Severe barrier
 Town Comments on Condition/Maintenance: Not Ranked
 Overall Ranking: Tier 5 (Ranked 10 of 86)

LOCATION

Coordinates: 41.636810, -73.564900
 Location Description: Unmaintained Access road on East side of Olivet campus
 Date Observed: 2017-11-13
 Crossing Code: xy4163681473564900

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Skewed (>45°)
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: Large
 Bankfull Width (feet): 14
 Bankfull Width Confidence: Low/
 Estimated



Upstream



Downstream

Crossing Comments: No data



ROAD

Road Type/Surface: Paved
Road Fill Height (feet): 7.8

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	62.19	12.73	4.09	No
5	70.08		4.45	No
10	75.14		4.67	No
25	81.24		4.94	No
50	85.57		5.12	No
100	89.76		5.3	No

STRUCTURE 1 OF 1

Material: Concrete
Length (feet): 81.9
Internal Features/Structures: None
Dry Passage/Height: No

Physical Barrier(s)/Severity: None
Slope: 11.5%
Structure Comments: No data



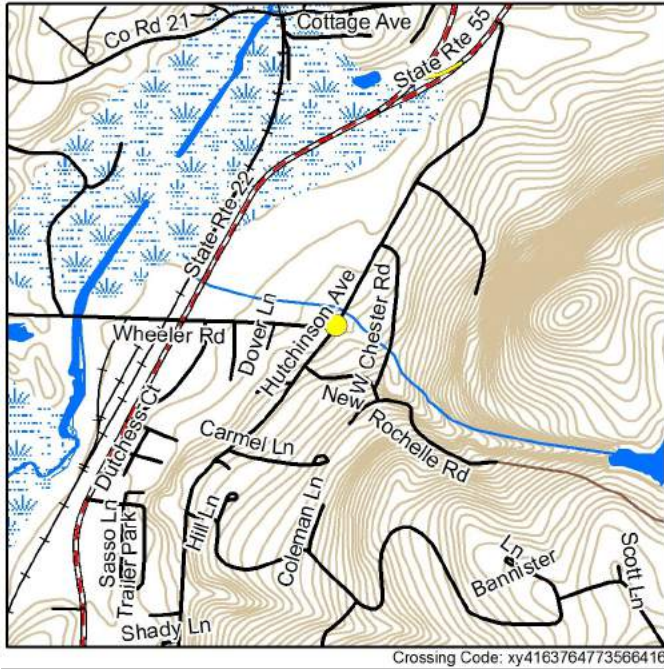
INLET

Inlet Shape/Type: Box Culvert
Inlet Drop/Grade: At Stream Grade
Dimensions:
Width: 6.5, Height: 5.0
Substrate/Water Width: 6.5
Water Depth: 0.1
Abutment Height: No data



OUTLET

Outlet Shape: Box Culvert
Outlet Drop/Grade: Free Fall
Drop to Stream Surface/Bottom: 1.8/ 2.4
Dimensions:
Width: 5.6, Height: 5.1
Substrate/Water Width: 3.4
Water Depth: 0.2



RESULTS

Barrier Evaluation: Minor barrier

Town Comments on Condition/Maintenance:

Not Ranked

Overall Ranking: Tier 8 (Ranked 33 of 86)

LOCATION

Coordinates: 41.637600, -73.566400

Location Description: On Olivet Campus at T intersection where pavement ends. 500 feet from Evangelical Center entrance,

Date Observed: 2017-11-13

Crossing Code: xy4163764773566416

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Culvert

Number of structures/cells: 1

Condition: OK

Constriction: Moderate

Alignment: Flow-Aligned

Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None

Bankfull Width (feet): 7

Bankfull Width Confidence: High



Crossing Comments: Series (3) of large (4-5') corrugated steel pipes culverts under trails up-stream of crossing



Road

ROAD

Road Type/Surface: Unpaved

Road Fill Height (feet): 3.8

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	66.31	5.64	4.6	No
5	75.04		5.21	No
10	80.67		5.61	No
25	87.49		6.11	Yes
50	92.34		6.46	Yes
100	97.04		6.81	Yes

STRUCTURE 1 OF 1

Material: Combination
 Length (feet): 129.0
 Internal Features/Structures: None
 Dry Passage/Height: No

Physical Barrier(s)/Severity: None
 Slope: 4.9%
 Structure Comments: Inlet is a culvert that connects to a bridge at outlet



Inlet

INLET

Inlet Shape/Type: Pipe Arch/Elliptical Culvert
 Inlet Drop/Grade: At Stream Grade
 Dimensions:
 Width: 5.8, Height: 3.8
 Substrate/Water Width: 2.1
 Water Depth: 0.1
 Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments
 Outlet Drop/Grade: At Stream Grade
 Drop to Stream Surface/Bottom: 0.0/ 0.0
 Dimensions:
 Width: 7.3, Height: 3.4
 Substrate/Water Width: 4.0
 Water Depth: 0.3



RESULTS

Barrier Evaluation: Insignificant barrier
 Town Comments on Condition/Maintenance:
 Not Ranked
 Overall Ranking: Not Ranked

LOCATION

Coordinates: 41.633310, -73.545040
 Location Description: Local ID TM-16
 Date Observed: 2016-05-23
 Crossing Code: xy4163331073545040

STREAM AND CROSSING

CROSSING CHARACTERISTICS

Crossing Type: Bridge
 Number of structures/cells: 1
 Condition: OK
 Constriction: Moderate
 Alignment: Flow-Aligned
 Internal Features/Structures: None

STREAM CHARACTERISTICS

Scour Pool: None
 Bankfull Width (feet): No data
 Bankfull Width Confidence: No data



Upstream



Downstream

Crossing Comments: No data



Road

ROAD

Road Type/Surface: Driveway

Road Fill Height (feet): 0.0

Return Interval (Years)	Peak Flow (cfs)	Road Height (feet)	Stage Height (feet)	Overtop
2	18.17	N/A	N/A	N/A
5	19.92		N/A	N/A
10	21.02		N/A	N/A
25	22.31		N/A	N/A
50	23.22		N/A	N/A
100	24.09		N/A	N/A

STRUCTURE 1 OF 1

Material: Combination

Length (feet): 20.0

Internal Features/Structures: None

Dry Passage/Height: No

Physical Barrier(s)/Severity: None

Slope: No data

Structure Comments: No data



Inlet

INLET

Inlet Shape/Type: Box/Bridge with Abutments

Inlet Drop/Grade: Inlet Drop

Dimensions:

Width: 4.2, Height: 3.7

Substrate/Water Width: 4.2

Water Depth: 0.4

Abutment Height: No data



Outlet

OUTLET

Outlet Shape: Box/Bridge with Abutments

Outlet Drop/Grade: At Stream Grade

Drop to Stream Surface/Bottom: 0.0/ 0.0

Dimensions:

Width: 3.0, Height: 4.7

Substrate/Water Width: 3.0

Water Depth: 0.2

