



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
July, 17 2024

Phase 2 - FIT - Legacy Data Report

North River - Conn

SGAT Version: **4.56**

Reach: **M06 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	0.0	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	1,481.6	977.1
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	1,898.0	545.6
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	60.7
	Erosion Height (ft.):	0.0	8.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	947.8	2,117.5
3.2	<u>Buffer Less Than 25 ft.</u>	1169	2105
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies	0	
	Total Length of Gullies (ft.):	0.0	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 2
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	2,148.2
	Dredging:	None



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SGAT Version: **4.56**

Reach: **M03 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	267.4 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 0.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap None
	Revetment length	231.2 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	326 0
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	20.64684
	Average Height (ft.):	20.0
	Mass Failures:	One
	Average Heigh (ft.):	20.0
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 1
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	553.7
	Dredging:	None



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North River - Conn

SGAT Version: **4.56**

Reach: **M07 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	0.0	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	504.9	405.4
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	259.4	650.4
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	0.0
	Erosion Height (ft.):	0.0	0.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	379.1	931.1
3.2	<u>Buffer Less Than 25 ft.</u>	917	413
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies	0	
	Total Length of Gullies (ft.):	0.0	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	926.7
	Dredging:	None



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Reach: **M05 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>		
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	9		
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.5	Flow Regulation Type:	No Data	
	Berm Length (ft.):	0.0	0.0		Use:	Irrigation	
	Path Length (ft.):	0.0	0.0	4.7	Stormwater Inputs		
	Road Length (ft.):	8,206.7	295.6	Overland Flow	0	Road Ditch	0
	Railroad Lenth (ft.):	0.0	0.0	Field Ditch	0	Tile Drain	0
	Development Length:	1,390.2	91.3	Other	0	Ub Strm Wtr Pipe	3
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>	4.9	Beaver Dams:	0	
	Erosion Length (ft.):	261.7	749.0		Affected length (ft.):	0.0	
	Erosion Height (ft.):	3.6	3.9	5.2	Migration Features		
	Revetment Type:	Rip-Rap	Rip-Rap	Flood Chutes:	4		
	Revetment length	2,208.5	3,430.9	Neck Cutoffs:	0		
3.2	<u>Buffer Less Than 25 ft.</u>	1053	2587	Channel Avulsions:	0		
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>	Braiding:	0		
	Mass Failures:	116.8795		5.3	Steep Riffles and Head Cuts		
	Average Height (ft.):	18.1		Steep Riffles:	0		
	Mass Failures:	Multiple		Head Cuts:	0		
	Average Heigh (ft.):	17.7		5.4	Animal Crossings:	No	
	Gullies:	One		5.5	Channel Alterations		
	Number of Gullies	1		Straightening:	Straightening		
	Total Length of Gullies (ft.):	80.0		Length (ft.):	5,356.5		
	Average Height of Gullies	4.0		Dredging:	None		



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Reach: T1.01 -0

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	3,430.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	510.2 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	207.1 54.5
	Erosion Height (ft.):	5.2 3.0
	Revetment Type:	None Rip-Rap
	Revetment length	0.0 1,885.0
3.2	<u>Buffer Less Than 25 ft.</u>	0 1141
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	None
	Average Heigh (ft.):	
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 2
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	5
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	2,175.9
	Dredging:	None



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Reach: **M04 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	636.9 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	3,329.9 453.4
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	2,537.3 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	882.9 581.8
	Erosion Height (ft.):	4.5 2.5
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	884.2 619.9
3.2	<u>Buffer Less Than 25 ft.</u>	1822 624
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	None
	Average Heigh (ft.):	
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	3,660.6
	Dredging:	Dredging



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Reach: **M02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	Yes
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	202.5 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	4,476.5 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	272.8 453.8
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	48.5 72.5
	Erosion Height (ft.):	2.8 5.3
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	547.0 2,945.7
3.2	<u>Buffer Less Than 25 ft.</u>	970 2265
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	56.46853
	Average Height (ft.):	18.0
	Mass Failures:	One
	Average Heigh (ft.):	18.0
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	0 Road Ditch 1
	Field Ditch	0 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 0
4.9	Beaver Dams:	2
	Affected length (ft.):	200.0
5.2	Migration Features	
	Flood Chutes:	2
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	4,074.5
	Dredging:	Dredging



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Reach: **M02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	Yes
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	202.5 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	4,476.5 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	272.8 453.8
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	48.5 72.5
	Erosion Height (ft.):	2.8 5.3
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	547.0 2,945.7
3.2	<u>Buffer Less Than 25 ft.</u>	970 2265
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	56.46853
	Average Height (ft.):	18.0
	Mass Failures:	One
	Average Heigh (ft.):	18.0
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	0 Road Ditch 0
	Field Ditch	0 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 4
4.9	Beaver Dams:	2
	Affected length (ft.):	200.0
5.2	Migration Features	
	Flood Chutes:	2
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	4,074.5
	Dredging:	Dredging



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Reach: T1.02 -0

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	5,488.7 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	838.2 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 0.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	1,212.7 2,133.6
3.2	<u>Buffer Less Than 25 ft.</u>	523 2045
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	30.10419
	Average Height (ft.):	15.0
	Mass Failures:	One
	Average Heigh (ft.):	15.0
	Gullies:	One
	Number of Gullies	1
	Total Length of Gullies (ft.):	120.0
	Average Height of Gullies	3.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	2
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	0 Road Ditch 0
	Field Ditch	0 Tile Drain 0
	Other	0 Ub Strm Wtr Pipe 4
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	4
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	0
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	2,977.5
	Dredging:	Dredging



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North River - Conn

SGAT Version: **4.56**

Reach: **M06 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	3,273.5 395.6
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	990.4 330.9
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	139.3 242.6
	Erosion Height (ft.):	3.0 4.8
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	913.0 807.8
3.2	<u>Buffer Less Than 25 ft.</u>	2311 825
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	54.49958
	Average Height (ft.):	10.0
	Mass Failures:	One
	Average Heigh (ft.):	10.0
	Gullies:	None
	Number of Gullies	0
	Total Length of Gullies (ft.):	0.0
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	4
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow 0	Road Ditch 0
	Field Ditch 0	Tile Drain 0
	Other 0	Ub Strm Wtr Pipe 1
4.9	Beaver Dams:	1
	Affected length (ft.):	50.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	1
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,600.6
	Dredging:	None



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North River - Conn

SGAT Version: **4.56**

Reach: **M03 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	0.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	2,685.8 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	996.2 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	30.9 153.1
	Erosion Height (ft.):	3.0 12.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length	666.8 773.5
3.2	<u>Buffer Less Than 25 ft.</u>	320 632
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	158.6105
	Average Height (ft.):	30.0
	Mass Failures:	One
	Average Heigh (ft.):	30.0
	Gullies:	One
	Number of Gullies	1
	Total Length of Gullies (ft.):	60.0
	Average Height of Gullies	8.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	2
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	1,505.3
	Dredging:	None



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SGAT Version: **4.56**

Reach: **M04 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	1
1.3	<u>Encroachments - Side</u>	<u>One</u>	4.5	Flow Regulation Type:	None
		<u>Both</u>		Use:	
	Berm Length (ft.):	0.0	4.7	Stormwater Inputs	
	Path Length (ft.):	0.0		Overland Flow	Road Ditch
	Road Length (ft.):	422.3		Field Ditch	Tile Drain
	Railroad Lenth (ft.):	0.0		Other	Ub Strm Wtr Pipe
	Development Length:	0.0	4.9	Beaver Dams:	3
3.1	<u>Erosion - Bank</u>	<u>Left</u>		Affected length (ft.):	0.0
	Erosion Length (ft.):	0.0	5.2	Migration Features	
	Erosion Height (ft.):	0.0		Flood Chutes:	2
	Revetment Type:	None		Neck Cutoffs:	0
	Revetment length	0.0		Channel Avulsions:	0
3.2	<u>Buffer Less Than 25 ft.</u>	0		Braiding:	0
3.3	<u>Riparian Corridor</u>	<u>Left</u>	5.3	Steep Riffles and Head Cuts	
	Mass Failures:			Steep Riffles:	0
	Average Height (ft.):			Head Cuts:	0
	Mass Failures:	None	5.4	Animal Crossings:	No
	Average Heigh (ft.):		5.5	Channel Alterations	
	Gullies:	None		Straightening:	None
	Number of Gullies	0		Length (ft.):	0.0
	Total Length of Gullies (ft.):	0.0		Dredging:	Dredging
	Average Height of Gullies				



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Reach: **M03 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	None	4.4	Number of Debris Jams:	2
1.3	<u>Encroachments - Side</u>	<u>One</u>	4.5	Flow Regulation Type:	None
	Berm Length (ft.):	0.0		Use:	
	Path Length (ft.):	0.0	4.7	Stormwater Inputs	
	Road Length (ft.):	130.2		Overland Flow	Road Ditch
	Railroad Lenth (ft.):	0.0		Field Ditch	Tile Drain
	Development Length:	516.7		Other	Ub Strm Wtr Pipe
3.1	<u>Erosion - Bank</u>	<u>Left</u>	4.9	Beaver Dams:	0
	Erosion Length (ft.):	137.5		Affected length (ft.):	0.0
	Erosion Height (ft.):	5.0	5.2	Migration Features	
	Revetment Type:	Rip-Rap		Flood Chutes:	7
	Revetment length	78.6		Neck Cutoffs:	0
3.2	<u>Buffer Less Than 25 ft.</u>	444		Channel Avulsions:	0
	Mass Failures:	345.8706		Braiding:	0
	Average Height (ft.):	28.2	5.3	Steep Riffles and Head Cuts	
	Mass Failures:	Multiple		Steep Riffles:	0
	Average Heigh (ft.):	25.0		Head Cuts:	0
	Gullies:	None	5.4	Animal Crossings:	No
	Number of Gullies	0	5.5	Channel Alterations	
	Total Length of Gullies (ft.):	0.0		Straightening:	Straightening
	Average Height of Gullies			Length (ft.):	452.0
				Dredging:	None



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Reach: **M07 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	None	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	0.0	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	237.7	249.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	266.1
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	85.0
	Erosion Height (ft.):	0.0	1.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length	148.6	257.4
3.2	<u>Buffer Less Than 25 ft.</u>	264	0
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	None	
	Average Heigh (ft.):		
	Gullies:	None	
	Number of Gullies	0	
	Total Length of Gullies (ft.):	0.0	
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	2
4.5	Flow Regulation Type:	None
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	0
	Affected length (ft.):	0.0
5.2	Migration Features	
	Flood Chutes:	0
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Length (ft.):	194.7
	Dredging:	None