



Phase 2 - FIT - Legacy Data Report

West River - Rock River

SGAT Version: 4.53

Reach: T02.05 -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.):	1,120.9	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	860.6	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	638.1	0.0
	Erosion Height (ft.):	0.0	0.0
	Revetment Type:	None	Rip-Rap
	Revetment length:	0.0	368.3
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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Reach: T02.11 -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.):	0.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	143.7 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	190.4 0.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap None
	Revetment length:	345.6 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	One
	Average Height (ft.):	40.0
	Gullies:	One
	Average Height (ft.):	40.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	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
	Dredging:	None



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Reach: T2.03-S2.02 -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.):	750.8 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	0.0 6,114.6
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	567.8 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	228.2 164.5
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap None
	Revetment length:	386.2 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	One
	Average Height (ft.):	12.0
	Gullies:	One
	Average Height (ft.):	15.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.7	Stormwater Inputs	8
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	6
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	1
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	None
	Dredging:	None



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Reach: T02.04 -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.):	0.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	0.0	414.4
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	586.4	0.0
	Erosion Height (ft.):	0.0	0.0
	Revetment Type:	Rip-Rap	None
	Revetment length:	176.1	0.0
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	One	
	Average Height (ft.):	40.0	
	Gullies:	Multiple	
	Average Height (ft.):	100.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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Reach: T02.05-S1.03 -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.):	817.7 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	4,908.1 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	1,054.7 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	1,920.4 1,887.7
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	852.9 350.2
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	One
	Average Height (ft.):	12.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	Neck Cutoffs:	0
	Channel Avulsions:	0
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	6
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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Reach: T2.03-S2.01 -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.):	808.9 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	0.0 3,229.7
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	2,107.6 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	623.2 268.3
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Multiple Rip-Rap
	Revetment length:	323.6 46.8
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	None
	Average Height (ft.):	0.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	7
	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:	None
	Dredging:	None



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SGAT Version: 4.53

Reach: T02.05 -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.):	863.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	834.6	0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	37.6	231.8
	Erosion Height (ft.):	0.0	0.0
	Revetment Type:	None	Rip-Rap
	Revetment length:	0.0	304.1
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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
	Dredging:	None



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Reach: T02.11-S1.01 -C

<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.):	61.3 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	2,356.4 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	238.7 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	389.0 396.6
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	347.1 31.5
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	Multiple
	Average Height (ft.):	9.5
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	1
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	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:	1
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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Reach: **T02.05-S1.05 -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.):	974.8 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	4,144.8 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	272.3 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	1,153.0 439.9
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	1,796.2 181.8
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	None
	Average Height (ft.):	0.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	4
4.9	Beaver Dams:	0
	Affected length:	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:	7
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Dredging:	None



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West River - Rock River

SGAT Version: 4.53

Reach: T02.11-S1.01 -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.):	57.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	3,885.7 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.):	1,238.7 1,256.5
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	979.6 144.5
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	One
	Average Height (ft.):	0.0
	Gullies:	One
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	4
4.9	Beaver Dams:	0
	Affected length:	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:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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Reach: T02.05-S1.01 -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.):	1,091.3 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	265.4 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	312.0 0.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	138.1 198.6
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	None
	Average Height (ft.):	0.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	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
	Dredging:	None



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Reach: T02.02 -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.):	3,514.9	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	281.3	638.1
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:	None	None
	Revetment length:	0.0	0.0
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	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:	None
	Dredging:	None



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Reach: T02.03 -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.):	2,119.8 484.6
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	960.6 1,102.4
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	63.2 0.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	None None
	Revetment length:	0.0 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	One
	Average Height (ft.):	50.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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:	0
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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Reach: T02.01 -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.):	240.4 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	833.6 322.5
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	0.0 1,378.4
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	0.0 240.7
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Hard Bank
	Revetment length:	483.5 255.6
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	None
	Average Height (ft.):	0.0
	Gullies:	Multiple
	Average Height (ft.):	32.5

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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:	6
	Head Cuts:	0
5.4	Animal Crossings:	No
5.5	Channel Alterations	
	Straightening:	None
	Dredging:	None



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Reach: T02.06 -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.):	1,492.8 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	1,244.0 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	454.5 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	1,047.4 212.4
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	None Rip-Rap
	Revetment length:	0.0 700.2
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	One
	Average Height (ft.):	125.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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:	3
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	None
	Dredging:	None



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SGAT Version: 4.53

Reach: T02.05-S1.02 -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.):	1,849.4 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	1,772.7 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	1,033.7 401.7
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	317.1 2,971.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	149.1 101.0
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	Multiple
	Average Height (ft.):	23.3
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	4
	Neck Cutoffs:	0
	Channel Avulsions:	1
	Braiding:	0
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	5
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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Reach: T02.07 -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.):	604.2 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	1,603.9 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	427.0 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	545.4 416.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	None Rip-Rap
	Revetment length:	0.0 284.5
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	None
	Average Height (ft.):	0.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	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:	0
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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Reach: T02.05-S1.04 -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.):	1,622.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	387.6 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	215.4 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	306.7 480.2
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap None
	Revetment length:	276.2 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	None
	Average Height (ft.):	0.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	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:	None
	Dredging:	None



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Reach: T02.11-S1.01 -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.):	66.0 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	1,357.8 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.):	192.7 223.2
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap None
	Revetment length:	21.0 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	Multiple
	Average Height (ft.):	23.3
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	2
4.7	Stormwater Inputs	2
4.9	Beaver Dams:	0
	Affected length:	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:	0
	Head Cuts:	0
5.4	Animal Crossings:	Yes
5.5	Channel Alterations	
	Straightening:	None
	Dredging:	None



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Reach: T02.08 -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.):	1,045.5 688.9
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	105.4 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	303.9 0.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	None None
	Revetment length:	0.0 0.0
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	None
	Average Height (ft.):	0.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	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
	Dredging:	None



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Reach: T02.10 -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.):	1,701.0	0.0
	Railroad Lenth (ft.):	0.0	0.0
	Development Length:	120.9	308.6
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	0.0	179.9
	Erosion Height (ft.):	0.0	0.0
	Revetment Type:	Rip-Rap	Rip-Rap
	Revetment length:	575.4	561.9
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	Multiple	
	Average Height (ft.):	10.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	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
	Dredging:	None



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Reach: T02.09 -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.):	1,096.2 0.0
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	3,631.7 736.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	1,262.4 62.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	589.9 120.3
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	1,182.5 108.5
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	Multiple
	Average Height (ft.):	115.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	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
	Dredging:	None



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Reach: T02.12 -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.):	1,190.3 173.9
	Path Length (ft.):	0.0 0.0
	Road Length (ft.):	3,832.2 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	739.1 0.0
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	1,151.2 1,263.6
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	644.6 337.9
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	Multiple
	Average Height (ft.):	55.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	1
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	7
	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:	Yes
5.5	Channel Alterations	
	Straightening:	Straightening
	Dredging:	None



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Reach: T02.05 -C

<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.):	1,787.4 0.0
	Railroad Lenth (ft.):	0.0 0.0
	Development Length:	819.8 1,271.8
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	143.0 192.0
	Erosion Height (ft.):	0.0 0.0
	Revetment Type:	Rip-Rap Rip-Rap
	Revetment length:	163.7 204.0
3.2	<u>Buffer Less Than 25 ft.</u>	
3.3	<u>Riparian Corridor</u>	
	Mass Failures:	None
	Average Height (ft.):	0.0
	Gullies:	None
	Average Height (ft.):	0.0

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	1
	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
	Dredging:	None



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Reach: T02.06 -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.):	333.8	0.0
	Path Length (ft.):	0.0	0.0
	Road Length (ft.):	742.7	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:	None	Multiple
	Revetment length:	0.0	586.9
3.2	<u>Buffer Less Than 25 ft.</u>		
3.3	<u>Riparian Corridor</u>		
	Mass Failures:	None	
	Average Height (ft.):	0.0	
	Gullies:	None	
	Average Height (ft.):	0.0	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	0
4.7	Stormwater Inputs	0
4.9	Beaver Dams:	0
	Affected length:	0
5.2	Migration Features	
	Flood Chutes:	3
	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
	Dredging:	None