



Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov

May, 20 2024

Phase 1 - FIT - Legacy Data Report

North Branch Lamoille

SGAT Version: 4.56

Reach: M01

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u> 3087 1244
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	0
	Total Length:	0.000
5.3	Armoring Length	<u>Left</u> <u>Right</u> 0.00000 0.00000
	Data Armoring:	None
5.4	Straightening Length:	3049.65991
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 0.0000
6.4	Miander Migration:	Multiple
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 488.0800171
	Bank Height:	N.D. 5.000

Reach: M02

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u> 1077 391
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	1
	Total Length:	1300.000
5.3	Armoring Length	<u>Left</u> <u>Right</u> 617.310 0.00000 00
	Data Armoring:	
5.4	Straightening Length:	1196.00000
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	663.4800 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	663.4800 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	394.4000 42.2200
6.4	Miander Migration:	Braiding
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 971.6099854
	Bank Height:	N.D. 4.000



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Reach: M03				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1197.1400	300.3000	
		238	556	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	1197.1400	300.29999	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	300.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	703.5500	208.0300	
		144.429	291.109	6.4	Miander Migration:	Multiple	
		99	99			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	0.0000000
5.4	Straightening Length:	2185.58008		Bank Height:	N.D.	0.000	
	Straightening Data:						

Reach: M04				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	515.0700	0.0000	
		231	44	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	515.0700	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	200.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	420.1800	58.6600	
		59.2100	63.2700	6.4	Miander Migration:		
		0	0			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	0.0000000
5.4	Straightening Length:	0.00000		Bank Height:	N.D.	0.000	
	Straightening Data:	None					



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Reach: M05				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	3706.1699	0.0000	
		0	145	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	3706.1699	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	3691.2100	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	2414.30005		7.2	Bank Erosion:	None	241.0599976
	Straightening Data:				Bank Height:	N.D.	5.000

Reach: M06				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1414.1699	0.0000	
		118	212	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	1414.1699	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	458.9800	348.1100	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	1852.83008		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:				Bank Height:	N.D.	0.000



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Reach: M07				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	442.3400	0.0000	
		25	27	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	442.3400	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	180.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	279.6500	45.7200	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: M07S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000



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Reach: **M07S1.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u>
		12 10
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	0
	Total Length:	0.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		0.00000 123.47000
	Data Armoring:	
5.4	Straightening Length:	0.00000
	Straightening Data:	None

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 12.8800
6.4	Miander Migration:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 0.0000000
	Bank Height:	N.D. 0.000

Reach: **M07S1.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u>
		7 181
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	1
	Total Length:	350.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		0.00000 0.00000
	Data Armoring:	None
5.4	Straightening Length:	0.00000
	Straightening Data:	None

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 9.9600
6.4	Miander Migration:	Migration
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 126.6900024
	Bank Height:	N.D. 2.000



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Reach: M07S1.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M07S1.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	352.3700
		29	28		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	352.3700
5.2	# of Bridges or Culverts:	1			Railroad:	0.0000
	Total Length:	100.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	298.9000
		0.00000	0.00000	6.4	Miander Migration:	41.1600
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	0.0000000
						N.D.
						0.000



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Reach: M07S1.06				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	946	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:	Multiple	
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: M07S1.07				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		29	576	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	38.5500	
		0.00000	0.00000	6.4	Miander Migration:	Migration	
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000



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Reach: M07S1.08				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M07S1.09				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M07S1.10				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M07S1.11				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M08				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M09				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	2228.3501 199.8400
		2166	1436		Berm:	0.0000 0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000 0.000
	Use:				Road:	2228.3501 199.84000
5.2	# of Bridges or Culverts:	1			Railroad:	0.0000 0.00
	Total Length:	460.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	547.4400 624.3200
		221.440 00	172.250 00	6.4	Miander Migration:	Avulsion
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	4149.68994		7.2	Bank Erosion:	None 178.9799957
	Straightening Data:				Bank Height:	N.D. 4.000



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Reach: M10				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	859.5800	0.0000	
		272	504	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	859.5800	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	527.4200	0.0000	
		165.320	0.00000	6.4	Miander Migration:	Migration	
		01				<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	496.5800171
5.4	Straightening Length:	84.80000		Bank Height:	N.D.	5.826	
	Straightening Data:						

Reach: M11				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2457.8101	0.0000	
		22	900	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	2457.8101	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	300.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	469.2400	44.8700	
		149.640	888.890	6.4	Miander Migration:	Migration	
		00	01			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	0.0000000
5.4	Straightening Length:	1919.14001		Bank Height:	N.D.	0.000	
	Straightening Data:						



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Reach: M12				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1949.5601	0.0000
		23	272	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	1949.5601	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	100.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	43.4800
		81.6600	102.310	6.4	Miander Migration:	Flood Chute
		0	00		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 284.3599854
5.4	Straightening Length:	2484.42993		Bank Height:	N.D.	4.000
	Straightening Data:					

Reach: M13				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	982.5300	1001.4600
		0	513	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	982.5300	1001.46002
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	320.7700	0.0000
		359.149	0.00000	6.4	Miander Migration:	Multiple
		99			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 218.5399933
5.4	Straightening Length:	3471.04004		Bank Height:	N.D.	3.000
	Straightening Data:					



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Reach: M14				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2040.6901	0.0000	
		126	190	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	2040.6901	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	400.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	2084.1899	334.9000	
		146.509	0.00000	6.4	Miander Migration:		
		99			<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	0.0000000
5.4	Straightening Length:	2263.32007		Bank Height:	N.D.	0.000	
	Straightening Data:						

Reach: M15				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2953.5300	0.0000	
		28	1473	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	2953.5300	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	200.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	2373.7700	66.4800	
		240.970	877.429	6.4	Miander Migration:		
		00	99		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	0.0000000
5.4	Straightening Length:	2587.13989		Bank Height:	N.D.	0.000	
	Straightening Data:						



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Reach: M15T2.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M15T2.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M15T2.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M15T2.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M15T2.05				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	107.1700	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	107.1700	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: M15T2.06				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	169.8600	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000



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Reach: M15T2.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M15T2.08				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M15T2.09				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M15T2.10				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M15T2.11				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M16				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	736.9500
		0	0		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	736.9500
5.2	# of Bridges or Culverts:	0			Railroad:	0.0000
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	822.1600
		0.00000	115.08000	6.4	Miander Migration:	0.0000
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	0.0000000
						N.D.
						0.000



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Reach: M17				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M18				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M19				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M19S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000
		0	0		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.00000
5.2	# of Bridges or Culverts:	0			Railroad:	0.0000
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	N.D.
						0.000



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Reach: M19S1.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M19S1.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000
		31	29		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.00000
5.2	# of Bridges or Culverts:	1			Railroad:	0.0000
	Total Length:	150.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000
		0.00000	0.00000	6.4	Miander Migration:	41.0100
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	0.0000000
					N.D.	0.000



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Reach: M19S1.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M19S1.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M19S1.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M19S1.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M20				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M21				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	202.0600
		26	27		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	202.0600
5.2	# of Bridges or Culverts:	1			Railroad:	0.0000
	Total Length:	240.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000
		143.920	119.110	6.4	Miander Migration:	Migration
		00	00		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	234.45000			Bank Height:	0.0000000
	Straightening Data:					N.D.
						0.000



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Reach: M21T5.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:	None	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:	Migration	
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None		Bank Height:	N.D.	0.000	

Reach: M21T5.02				<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History: None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	887.3400	0.0000
		74	117	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	887.3400	0.00000
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	225.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	125.3500
		0.00000	0.00000	6.4	Miander Migration: Migration	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	452.03000		7.2	Bank Erosion:	None 0.0000000
	Straightening Data:			Bank Height:	N.D.	0.000



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Reach: M21T5.03				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	476.9100	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	476.9100	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: M21T5.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
				Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:			Railroad:		
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
				6.4	Miander Migration:	
	Data Armoring:	Not Evaluated			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	None			Bank Height:	



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Reach: M21T5.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M21T5.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M21T5.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	295.7800	0.0000
		161	120	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	295.7800	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	50.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	53.5200
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 0.0000000
	Straightening Data:	None			Bank Height:	N.D. 0.000

Reach: M21T5.08				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
				Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:			Railroad:		
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:		
				6.4	Miander Migration:	
	Data Armoring:	Not Evaluated			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	None			Bank Height:	



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Reach: M21T5.09				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	409.2700	0.0000
		236	0	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	409.2700	0.00000
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 0.0000000
	Straightening Data:	None			Bank Height:	N.D. 0.000

Reach: M21T5.10				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
				Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:			Railroad:		
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:		
				6.4	Miander Migration:	
	Data Armoring:	Not Evaluated			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	None			Bank Height:	



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Reach: M21T5.11				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M21T5.12				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M21T5.13				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M22				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000
		59	191		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.00000
5.2	# of Bridges or Culverts:	1			Railroad:	0.0000
	Total Length:	150.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000
		122.180	169.289	6.4	Miander Migration:	Migration
		00	99		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	146.42000			Bank Height:	115.8300018
	Straightening Data:				N.D.	3.000



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Reach: M23				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M25				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000
		0	0		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.00000
5.2	# of Bridges or Culverts:	0			Railroad:	0.0000
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	N.D.
						0.000



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Reach: M26				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M27				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M20T4.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: M20T4.02				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		132	144	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	350.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	273.6700	51.6600	
		196.399	194.480	6.4	Miander Migration:		
		99	00		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	0.0000000
5.4	Straightening Length:	951.50000			Bank Height:	N.D.	0.000
	Straightening Data:						



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Reach: M20T4.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M20T4.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M20T4.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M20T4.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M20T4.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M16T3.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M16T3.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M16T3.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000
		60	60		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.00000
5.2	# of Bridges or Culverts:	1			Railroad:	0.0000
	Total Length:	200.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	N.D.
						0.000



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Reach: M16T3.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M16T3.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M16T3.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M16T3.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	886.9900
		0	0		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	886.9900
5.2	# of Bridges or Culverts:	0			Railroad:	0.0000
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	N.D.



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Reach: M16T3.08				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M16T3.09				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M16T3.10				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M16T3.11				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M10T1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	483.1000	0.0000	
		25	949	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	483.1000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	75.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	852.9800	42.8600	
		0.00000	34.2300	6.4	Miander Migration:	Migration	
			0			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	0.0000000
5.4	Straightening Length:	165.46001		Bank Height:	N.D.	0.000	
	Straightening Data:						

Reach: M10T1.02				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	221.9100	0.0000	
		304	368	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	221.9100	0.00000	
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00	
	Total Length:	350.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	176.6500	109.7800	
		116.980	0.00000	6.4	Miander Migration:		
		00				<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	124.0299988
5.4	Straightening Length:	1349.59998		Bank Height:	N.D.	3.000	
	Straightening Data:						



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Reach: M10T1.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M10T1.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000
		0	0		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.00000
5.2	# of Bridges or Culverts:	0			Railroad:	0.0000
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	0.0000000
						N.D.
						0.000



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Reach: M10T1.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M10T1.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Multiple			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	327.3700
		23	24		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	327.3700
5.2	# of Bridges or Culverts:	1			Railroad:	0.0000
	Total Length:	70.000				0.00
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Corridor Development Data:	
		0.00000	0.00000		Length:	0.0000
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:	0.00000			<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	None
					Bank Height:	30.9099998
						N.D.
						5.000



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Reach: M10T1.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M10T1.08				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M10T1.09				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M10T1.10				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: M03S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	603.1500	0.0000	
		48	48	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	603.1500	0.00000	
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00	
	Total Length:	350.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	45.2300	
		66.7100	61.7500	6.4	Miander Migration:		
		0	0		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	128.2599945
5.4	Straightening Length:	494.51999		Bank Height:	N.D.	4.000	
	Straightening Data:						

Reach: M03S1.02				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Multiple			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	808.1600	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	808.1600	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None		Bank Height:	N.D.	0.000	



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Reach: M03S1.03				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		29	33	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	40.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	34.5000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: M03S1.04				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None	
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:			
				Berm:			
5.1	Flow Regulation - Type:			Path:			
	Use:			Road:			
5.2	# of Bridges or Culverts:			Railroad:			
	Total Length:			6.2	Corridor Development Data:	None	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:			
				6.4	Miander Migration:		
	Data Armoring:	Not Evaluated				<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:		
	Straightening Data:	None			Bank Height:		



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Reach: M03S1.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: M03S1.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: **M03S1.07**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u>
		0 0
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	0
	Total Length:	0.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		0.00000 0.00000
	Data Armoring:	None
5.4	Straightening Length:	0.00000
	Straightening Data:	None

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	None
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	None
	Length:	0.0000 0.0000
6.4	Miander Migration:	Migration
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 0.0000000
	Bank Height:	N.D. 0.000

Reach: **M03S1.08**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	Yes
3.2	Grade Control:	None
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u>
		49 49
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	2
	Total Length:	190.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		0.00000 0.00000
	Data Armoring:	None
5.4	Straightening Length:	0.00000
	Straightening Data:	None

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	None
6.1	Berms & Roads Data:	
		<u>One Side</u> <u>Both Sides</u>
	Berms & Roads:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	242.8700 57.4800
6.4	Miander Migration:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 0.0000000
	Bank Height:	N.D. 0.000



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Reach: M03S1.09				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000
		0	0	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	116.1900	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 0.0000000
	Straightening Data:	None			Bank Height:	N.D. 0.000

Reach: M03S1.10				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
				Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:			Railroad:		
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:		
				6.4	Miander Migration:	
	Data Armoring:	Not Evaluated			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	None			Bank Height:	



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Reach: M03S1.11				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	Not Evaluated		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	