



Phase 1 - FIT - Legacy Data Report

Castleton River

SGAT Version: 3

| | | |
|----------------------|--|-------------------------------|
| Reach: T02.01 | | |
| <u>Step</u> | <u>Description</u> | <u>Value</u> |
| 3.1 | Alluvial Fan: None | |
| 3.2 | Grade Control: Ledge | |
| 5.2 | # of Bridges or Culverts: 2 | |
| | Total Length: 101.340 | |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> |
| | | 0.00000 0.00000 |
| | Data Armoring: None | |
| 5.4 | Straightening Length: 452.26001 | |
| | 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: 282.9800 | 0.0000 |
| 6.2 | Dev. Length: 0.0000 | 307.0900 |
| | Corridor Development Data: | |
| | | <u>Old</u> <u>New</u> |
| 7.2 | Bank Erosion: N.S. | 238.6900024 |
| | Bank Height: Medium | 11.842 |

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| | | |
|----------------------|--------------------------------------|-------------------------------|
| Reach: T02.02 | | |
| <u>Step</u> | <u>Description</u> | <u>Value</u> |
| 3.1 | Alluvial Fan: None | |
| 3.2 | Grade Control: Ledge | |
| 5.2 | # of Bridges or Culverts: 0 | |
| | Total Length: 0.000 | |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> |
| | | 352.470 908.929 |
| | | 00 99 |
| | 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: 598.5300 | 0.0000 |
| 6.2 | Dev. Length: 1485.3900 | 446.1000 |
| | Corridor Development Data: | |
| | | <u>Old</u> <u>New</u> |
| 7.2 | Bank Erosion: N.S. | 7299.9897461 |
| | Bank Height: High | 20.611 |



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| Reach: T02.03 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|---------------------------|--------------------------|-------------|----------------------------|----------------------------|
| | <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | No Data |
| 3.2 | Grade Control: | Multiple | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 4 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 151.040 | | Berms & Roads: | 1424.5100 1013.5700 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 242.2300 1717.4800 |
| | | 1012.85 1063.57 | | Corridor Development Data: | |
| | | 999 007 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | | 7.2 | Bank Erosion: | None 0.000000 |
| 5.4 | Straightening Length: | 0.00000 | | Bank Height: | N.D. 0.000 |
| | Straightening Data: | None | | | |

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| Reach: T02.04 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|---------------------------|--------------------------|-------------|----------------------------|---------------------------|
| | <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 1 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 79.000 | | Berms & Roads: | 3561.4600 340.3700 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 507.8400 407.5000 |
| | | 805.739 266.709 | | Corridor Development Data: | |
| | | 99 99 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | | 7.2 | Bank Erosion: | N.S. 141.8200073 |
| 5.4 | Straightening Length: | 252.59000 | | Bank Height: | Low 4.464 |
| | Straightening Data: | | | | |



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| Reach: T02.05 | | <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: | 3461.3501 0.0000 |
| | | 6.2 | Dev. Length: | 0.0000 0.0000 |
| | | | Corridor Development Data: | |
| | | | <u>Old</u> | <u>New</u> |
| | | 7.2 | Bank Erosion: | N.S. 3971.3798828 |
| | | | Bank Height: | Low 3.665 |
| <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | | | None |
| 3.2 | Grade Control: | | | None |
| 5.2 | # of Bridges or Culverts: | | | 1 |
| | Total Length: | | | 18.000 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | |
| | | 51.7800 | 406.970 | |
| | | 0 | 00 | |
| | Data Armoring: | | | |
| 5.4 | Straightening Length: | | | 805.59998 |
| | Straightening Data: | | | |

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| Reach: T02.06 | | <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: | 475.3700 0.0000 |
| | | 6.2 | Dev. Length: | 212.6000 101.0400 |
| | | | Corridor Development Data: | |
| | | | <u>Old</u> | <u>New</u> |
| | | 7.2 | Bank Erosion: | N.S. 3019.2700195 |
| | | | Bank Height: | Low 4.000 |
| <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | | | None |
| 3.2 | Grade Control: | | | None |
| 5.2 | # of Bridges or Culverts: | | | 2 |
| | Total Length: | | | 116.000 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | |
| | | 292.730 | 813.279 | |
| | | 01 | 97 | |
| | Data Armoring: | | | |
| 5.4 | Straightening Length: | | | 423.29999 |
| | Straightening Data: | | | |



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| Reach: T02.07 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|---------------------------|--------------------------|-------------|----------------------------|-------------------------|
| | <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | No Data |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 1 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 917.290 | | Berms & Roads: | 279.4800 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 390.4500 75.0000 |
| | | 0.00000 0.00000 | | Corridor Development Data: | |
| | Data Armoring: | None | | <u>Old</u> | <u>New</u> |
| 5.4 | Straightening Length: | 887.59003 | 7.2 | Bank Erosion: | None |
| | Straightening Data: | | | Bank Height: | N.D. |

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| Reach: T02.08 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|---------------------------|--------------------------|-------------|----------------------------|--------------------------|
| | <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 3 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 500.000 | | Berms & Roads: | 5138.5298 57.4800 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 54.8900 223.9000 |
| | | 958.940 580.890 | | Corridor Development Data: | |
| | Data Armoring: | 00 01 | | <u>Old</u> | <u>New</u> |
| 5.4 | Straightening Length: | 2000.23999 | 7.2 | Bank Erosion: | High 0.000000 |
| | Straightening Data: | | | Bank Height: | Low 0.000 |



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| Reach: T02.08-s1.01 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---|----------------|-------------|---------------------------------|---------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Dredging |
| 3.1 | Alluvial Fan: Yes | | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: Multiple | | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: 5 | | | Berms & Roads: 1280.3600 | 0.0000 |
| | Total Length: 138.730 | | 6.2 | Dev. Length: 827.8000 | 199.8800 |
| 5.3 | Armoring Length | | | Corridor Development Data: | |
| | | <u>Left</u> | | <u>Old</u> | <u>New</u> |
| | | 104.960 | | 7.2 | Bank Erosion: N.S. |
| | | 00 | | Bank Height: Low | 884.5399780 |
| | Data Armoring: | 356.310 | | | 2.293 |
| | | 00 | | | |
| 5.4 | Straightening Length: 2862.28003 | | | | |
| | Straightening Data: | | | | |

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| Reach: T02.08-s1.02 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---|----------------|-------------|---------------------------------|---------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Dredging |
| 3.1 | Alluvial Fan: Yes | | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: Multiple | | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: 1 | | | Berms & Roads: 2086.6001 | 0.0000 |
| | Total Length: 29.980 | | 6.2 | Dev. Length: 1126.3700 | 95.1700 |
| 5.3 | Armoring Length | | | Corridor Development Data: | |
| | | <u>Left</u> | | <u>Old</u> | <u>New</u> |
| | | 2382.05 | | 7.2 | Bank Erosion: N.S. |
| | | 005 | | Bank Height: Low | 529.9099731 |
| | Data Armoring: | 437.480 | | | 4.679 |
| | | 01 | | | |
| 5.4 | Straightening Length: 2410.89990 | | | | |
| | Straightening Data: | | | | |



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| Reach: T02.08-s1.03 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|---------------------------------|-------------|----------------------------|-------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | Multiple | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 0 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 0.000 | | Berms & Roads: | 110.5300 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 0.0000 14.0000 |
| | | 142.1400 0.000000 | | Corridor Development Data: | |
| | Data Armoring: | | | <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: T02.08-s1.04 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|-------------------------------|-------------|----------------------------|-------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | No Data |
| 3.2 | Grade Control: | Multiple | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 1 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 21.640 | | Berms & Roads: | 217.8600 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 0.0000 56.6300 |
| | | 28.0500 82.7200 | | Corridor Development Data: | |
| | Data Armoring: | 0 0 | | <u>Old</u> | <u>New</u> |
| 5.4 | Straightening Length: | 731.41998 | 7.2 | Bank Erosion: | N.S. 48.6300011 |
| | Straightening Data: | | | Bank Height: | Low 2.239 |



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| Reach: T02.08-s1.05 | | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|--------------------|----------------|-------------|----------------------------|--------------------------------|
| | <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Dredging |
| 3.1 | Alluvial Fan: | None | | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | Multiple | | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 1 | | | Berms & Roads: | 398.0800 0.0000 |
| | Total Length: | 30.370 | | 6.2 | Dev. Length: | 0.0000 87.9900 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | | Corridor Development Data: | |
| | | 242.929 | 95.5400 | | <u>Old</u> | <u>New</u> |
| | | 99 | 0 | 7.2 | Bank Erosion: | N.S. 678.1799927 |
| | Data Armoring: | | | | Bank Height: | Low 2.351 |
| 5.4 | Straightening Length: | 1079.38000 | | | | |
| | Straightening Data: | | | | | |

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| Reach: T02.09 | | | | <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: | Multiple | | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 3 | | | Berms & Roads: | 2013.1300 373.6500 |
| | Total Length: | 180.000 | | 6.2 | Dev. Length: | 1856.0400 547.9800 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | | Corridor Development Data: | |
| | | 1328.05 | 1184.22 | | <u>Old</u> | <u>New</u> |
| | | 005 | 998 | 7.2 | Bank Erosion: | N.S. 2641.3999023 |
| | Data Armoring: | | | | Bank Height: | Low 3.658 |
| 5.4 | Straightening Length: | 3240.12988 | | | | |
| | Straightening Data: | | | | | |



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| Reach: T02.10 | | | | <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: | |
| 3.2 | Grade Control: | Ledge | | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 2 | | | Berms & Roads: | 140.2200 499.9600 |
| | Total Length: | 112.000 | | 6.2 | Dev. Length: | 354.6500 184.1900 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | | Corridor Development Data: | |
| | | 401.729 | 216.460 | | <u>Old</u> | <u>New</u> |
| | | 98 | 01 | 7.2 | Bank Erosion: | Low 974.2299805 |
| | Data Armoring: | | | | Bank Height: | Low 2.000 |
| 5.4 | Straightening Length: | 995.84998 | | | | |
| | Straightening Data: | | | | | |

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| Reach: T02.11 | | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|---------------------------|--------------------|----------------|-------------|----------------------------|----------------------------------|
| | <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Gravel Mining |
| 3.1 | Alluvial Fan: | None | | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 4 | | | Berms & Roads: | 10691.870 823.3800 |
| | Total Length: | 22.000 | | | 1 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | 6.2 | Dev. Length: | 170.5100 343.7800 |
| | | 2011.46 | 1798.90 | | Corridor Development Data: | |
| | | 997 | 002 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | | | 7.2 | Bank Erosion: | N.S. 993.0499878 |
| 5.4 | Straightening Length: | 10430.54004 | | | Bank Height: | Low 2.220 |
| | Straightening Data: | | | | | |



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| Reach: T02.11-s1.01 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Multiple |
| 3.1 | Alluvial Fan: | Yes | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 0 | | Berms & Roads: | 1307.9000 0.0000 |
| | Total Length: | 0.000 | 6.2 | Dev. Length: | 0.0000 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None 0.0000000 |
| 5.4 | Straightening Length: | 1336.76001 | | Bank Height: | N.D. 0.000 |
| | Straightening Data: | | | | |

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| Reach: T02.11-s1.02 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|-------------------------------|-------------|----------------------------|----------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Dredging |
| 3.1 | Alluvial Fan: | Yes | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | Ledge | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 1 | | Berms & Roads: | 1126.4100 273.7000 |
| | Total Length: | 24.120 | 6.2 | Dev. Length: | 0.0000 27.1100 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 27.9300 27.9500 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | 0 0 | 7.2 | Bank Erosion: | N.S. 565.2799683 |
| 5.4 | Straightening Length: | 493.73999 | | Bank Height: | Low 3.072 |
| | Straightening Data: | | | | |



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| Reach: T02.11-s1.03 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|--------------------------|-------------|----------------------------|-----------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | Ledge | 6.1 | Berms & Roads Data: | None |
| 5.2 | # of Bridges or Culverts: | 1 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 310.050 | | Berms & Roads: | |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 0.0000 0.0000 |
| | Data Armoring: | None | | Corridor Development Data: | |
| 5.4 | Straightening Length: | | | <u>Old</u> | <u>New</u> |
| | Straightening Data: | None | 7.2 | Bank Erosion: | None |
| | | | | Bank Height: | High |

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| Reach: T02.11-s1.04 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | Yes | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | Multiple | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 3 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 42.790 | | Berms & Roads: | 558.3100 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 68.0300 114.9100 |
| | | 41.4100 32.8100 | | Corridor Development Data: | |
| | | 0 0 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | | 7.2 | Bank Erosion: | N.S. 285.6099854 |
| 5.4 | Straightening Length: | 549.42999 | | Bank Height: | Low 2.601 |
| | Straightening Data: | | | | |



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Castleton River

SGAT Version: 3

| Reach: T02.11-s1.05 | | | | Step | Description | Value |
|---------------------|---------------------------|--------------------|--------------|------|----------------------------|-----------------------------|
| | <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> |
| 5.2 | # of Bridges or Culverts: | 0 | | | Berms & Roads: | 2476.0000 |
| | Total Length: | 0.000 | | 6.2 | Dev. Length: | 0.0000 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | | Corridor Development Data: | |
| | Data Armoring: | None | | | <u>Old</u> | <u>New</u> |
| 5.4 | Straightening Length: | | | 7.2 | Bank Erosion: | None |
| | Straightening Data: | None | | | Bank Height: | Medium |

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Castleton River

SGAT Version: 3

| Reach: T02.12 | | | | Step | Description | Value |
|---------------|---------------------------|--------------------|----------------|------|----------------------------|----------------------------------|
| | <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Dredging |
| 3.1 | Alluvial Fan: | None | | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | Dam | | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 6 | | | Berms & Roads: | 6921.2500 683.6000 |
| | Total Length: | 0.000 | | 6.2 | Dev. Length: | 51.5300 461.9400 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | | Corridor Development Data: | |
| | Data Armoring: | | | | <u>Old</u> | <u>New</u> |
| | | 260.320 | 226.310 | 7.2 | Bank Erosion: | N.S. 256.3000183 |
| | | 01 | 00 | | Bank Height: | Low 1.407 |
| 5.4 | Straightening Length: | 3263.50000 | | | | |
| | Straightening Data: | | | | | |



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SGAT Version: 3

| Reach: T02.13 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|---------------------------|-------------------------------|-------------|----------------------------|---------------------------------|
| | <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 5 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 714.340 | | Berms & Roads: | 6870.7900 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 683.3100 265.3100 |
| | | 0.00000 0.00000 | | Corridor Development Data: | |
| | Data Armoring: | None | | <u>Old</u> | <u>New</u> |
| 5.4 | Straightening Length: | 7620.16016 | 7.2 | Bank Erosion: | None |
| | Straightening Data: | | | Bank Height: | N.D. |

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Castleton River

SGAT Version: 3

| Reach: T02.14 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| | <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | Not Evaluated |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 3 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 536.870 | | Berms & Roads: | 2133.0601 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 513.3400 0.0000 |
| | | 321.320 0.00000 | | Corridor Development Data: | |
| | Data Armoring: | 01 | | <u>Old</u> | <u>New</u> |
| 5.4 | Straightening Length: | 4086.70996 | 7.2 | Bank Erosion: | None |
| | Straightening Data: | | | Bank Height: | N.D. |



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SGAT Version: 3

| Reach: T02.15 | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|----------------------------|--------------------|----------------------|--------------|
| | <u>Step</u> | <u>Description</u> | <u>Value</u> | |
| 3.1 | Alluvial Fan: | | None | |
| 3.2 | Grade Control: | | None | |
| 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: | | Not Evaluated | |
| 6.1 | Berms & Roads Data: | | None | |
| | | <u>One Side</u> | <u>Both Sides</u> | |
| | Berms & Roads: | 0.0000 | 0.0000 | |
| 6.2 | Dev. Length: | 337.3000 | 0.0000 | |
| | Corridor Development Data: | | | |
| | | <u>Old</u> | <u>New</u> | |
| 7.2 | Bank Erosion: | None | | |
| | Bank Height: | N.D. | | |

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Castleton River

SGAT Version: 3

| Reach: T02.16 | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------|----------------------------|--------------------|--------------------|--------------|
| | <u>Step</u> | <u>Description</u> | <u>Value</u> | |
| 3.1 | Alluvial Fan: | | None | |
| 3.2 | Grade Control: | | None | |
| 5.2 | # of Bridges or Culverts: | | 3 | |
| | Total Length: | | 530.850 | |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | |
| | | 329.600 | 0.00000 | |
| | | 01 | | |
| | 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: | 866.1100 | 0.0000 | |
| 6.2 | Dev. Length: | 979.9600 | 0.0000 | |
| | Corridor Development Data: | | | |
| | | <u>Old</u> | <u>New</u> | |
| 7.2 | Bank Erosion: | None | | |
| | Bank Height: | N.D. | | |



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SGAT Version: 3

| Reach: T02.17 | | | <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> |
| 5.2 | # of Bridges or Culverts: | 4 | | Berms & Roads: | 376.4300 0.0000 |
| | Total Length: | 532.680 | 6.2 | Dev. Length: | 638.7000 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | 2902.18994 | | Bank Height: | N.D. |
| | Straightening Data: | | | | |

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SGAT Version: 3

| Reach: T02.09-s1.01 | | | <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: | Ledge | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 4 | | Berms & Roads: | 3022.5999 0.0000 |
| | Total Length: | 101.000 | 6.2 | Dev. Length: | 748.1600 794.2700 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 1898.44 755.409 | | <u>Old</u> | <u>New</u> |
| | | 995 97 | 7.2 | Bank Erosion: | N.S. 877.5599976 |
| | Data Armoring: | | | Bank Height: | Low 4.406 |
| 5.4 | Straightening Length: | 3833.85010 | | | |
| | Straightening Data: | | | | |



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SGAT Version: 3

| Reach: T02.09-s1.02 | | | <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> |
| 5.2 | # of Bridges or Culverts: | 0 | | Berms & Roads: | 1322.0699 0.0000 |
| | Total Length: | 0.000 | 6.2 | Dev. Length: | 144.6500 23.3900 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 49.3100 0.00000 | | <u>Old</u> | <u>New</u> |
| | | 0 | 7.2 | Bank Erosion: | N.S. 1180.9799805 |
| | Data Armoring: | | | Bank Height: | Low 1.841 |
| 5.4 | Straightening Length: | 1454.78003 | | | |
| | Straightening Data: | | | | |

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SGAT Version: 3

| Reach: T02.09-s1.03 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 3 | | Berms & Roads: | 2774.4102 0.0000 |
| | Total Length: | 677.090 | 6.2 | Dev. Length: | 0.0000 1424.8401 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | 0.00000 | | Bank Height: | N.D. |
| | Straightening Data: | None | | | |



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SGAT Version: 3

| Reach: T02.09-s1.04 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|--------------------------|-------------|----------------------------|--------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Dredging |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | Ledge | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 0 | | Berms & Roads: | 0.0000 626.1300 |
| | Total Length: | 0.000 | 6.2 | Dev. Length: | 0.0000 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 21.5100 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | 0 | 7.2 | Bank Erosion: | High 2475.0400391 |
| 5.4 | Straightening Length: | 1831.97998 | | Bank Height: | Low 3.250 |
| | Straightening Data: | | | | |

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SGAT Version: 3

| Reach: T02.09-s1.04-s1.01 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|--------------------------|-------------|----------------------------|------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | No Data |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | Ledge | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 1 | | Berms & Roads: | 338.2400 0.0000 |
| | Total Length: | 268.290 | 6.2 | Dev. Length: | 412.6800 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | 0.00000 | | Bank Height: | N.D. |
| | Straightening Data: | None | | | |



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SGAT Version: 3

| Reach: T02.09-s1.04-s1.02 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | No Data |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 1 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 496.250 | | Berms & Roads: | 2570.7200 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 629.6400 0.0000 |
| | | 0.00000 0.00000 | | Corridor Development Data: | |
| | 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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Castleton River

SGAT Version: 3

| Reach: T02.09-s1.04-s1.03 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | No Data |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 1 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 231.850 | | Berms & Roads: | 2058.8999 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 862.0200 0.0000 |
| | | 0.00000 0.00000 | | Corridor Development Data: | |
| | 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: T02.09-s1.04-s1.04 | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------|----------------------------|-------------------|
| | | 5.5 | Dredging History: | No Data |
| <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | 6.1 | Berms & Roads Data: | |
| | | | <u>One Side</u> | <u>Both Sides</u> |
| 3.2 | Grade Control: | | Berms & Roads: | 2042.0000 |
| | | 6.2 | Dev. Length: | 0.0000 |
| 5.2 | # of Bridges or Culverts: | | Corridor Development Data: | |
| | | | <u>Old</u> | <u>New</u> |
| | Total Length: | 7.2 | Bank Erosion: | None |
| | | | Bank Height: | High |
| 5.3 | Armoring Length | | | |
| | | | | |
| | Data Armoring: | | | |
| | | | | |
| 5.4 | Straightening Length: | | | |
| | Straightening Data: | | | |
| | | | | |

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SGAT Version: 3

| Reach: T02.09-s1.04-s1.01-s1.01 | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|--|---------------------------|-------------|----------------------------|-------------------|
| | | 5.5 | Dredging History: | No Data |
| <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | 6.1 | Berms & Roads Data: | |
| | | | <u>One Side</u> | <u>Both Sides</u> |
| 3.2 | Grade Control: | | Berms & Roads: | 1047.2500 |
| | | 6.2 | Dev. Length: | 1389.1400 |
| 5.2 | # of Bridges or Culverts: | | Corridor Development Data: | |
| | | | <u>Old</u> | <u>New</u> |
| | Total Length: | 7.2 | Bank Erosion: | None |
| | | | Bank Height: | N.D. |
| 5.3 | Armoring Length | | | |
| | | | | |
| | Data Armoring: | | | |
| | | | | |
| 5.4 | Straightening Length: | | | |
| | Straightening Data: | | | |
| | | | | |



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| Reach: T02.09-s1.05 | | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|--------------------|----------------|-------------|----------------------------|-------------------------|
| | <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | Ledge | | 6.1 | Berms & Roads Data: | None |
| 5.2 | # of Bridges or Culverts: | 1 | | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 18.000 | | | Berms & Roads: | 0.0000 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | 6.2 | Dev. Length: | 0.0000 0.0000 |
| | | 81.9400 | 37.5100 | | Corridor Development Data: | |
| | | 0 | 0 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | | | 7.2 | Bank Erosion: | N.S. 585.0800171 |
| 5.4 | Straightening Length: | 437.26001 | | | Bank Height: | Low 1.755 |
| | Straightening Data: | | | | | |

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SGAT Version: 3

| Reach: T02.09-s1.06 | | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|--------------------|----------------|-------------|----------------------------|-------------------------|
| | <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | None | | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 1 | | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 266.100 | | | Berms & Roads: | 1266.3101 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> | <u>Right</u> | 6.2 | Dev. Length: | 0.0000 0.0000 |
| | | 0.00000 | 0.00000 | | Corridor Development Data: | |
| | 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: T02.09-s1.06-s1.01 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|-------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 0 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 0.000 | | Berms & Roads: | 413.0300 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 262.9900 0.0000 |
| | | 0.00000 0.00000 | | Corridor Development Data: | |
| | 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: T02.09-s1.06-s1.02 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|--------------------------|-------------|----------------------------|-----------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | None |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | None |
| 5.2 | # of Bridges or Culverts: | 0 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 0.000 | | Berms & Roads: | |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 0.0000 0.0000 |
| | | | | Corridor Development Data: | |
| | Data Armoring: | None | | <u>Old</u> | <u>New</u> |
| 5.4 | Straightening Length: | | 7.2 | Bank Erosion: | None |
| | Straightening Data: | None | | Bank Height: | High |



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| Reach: T02.09-s1.07 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|-------------------------------|-------------|----------------------------|-------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | No Data |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 0 | | Berms & Roads: | 468.9800 0.0000 |
| | Total Length: | 0.000 | 6.2 | Dev. Length: | 635.0800 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | 0.00000 | | Bank Height: | N.D. |
| | Straightening Data: | None | | | |

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Castleton River

SGAT Version: 3

| Reach: T02.09-s1.08 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | No Data |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 1 | | Berms & Roads: | 1192.2500 0.0000 |
| | Total Length: | 66.070 | 6.2 | Dev. Length: | 498.0200 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | 0.00000 | | Bank Height: | N.D. |
| | Straightening Data: | None | | | |



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SGAT Version: 3

| Reach: T02.05-s1.01 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Not Evaluated |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 2 | | Berms & Roads: | 0.0000 1433.7900 |
| | Total Length: | 374.080 | 6.2 | Dev. Length: | 0.0000 1378.1899 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 581.520 0.00000 | | <u>Old</u> | <u>New</u> |
| | | 02 | 7.2 | Bank Erosion: | None |
| | Data Armoring: | | | Bank Height: | N.D. |
| 5.4 | Straightening Length: | 398.00000 | | | |
| | Straightening Data: | | | | |

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Castleton River

SGAT Version: 3

| Reach: T02.05-s1.02-s1.01 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|--------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Not Evaluated |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 3 | | Berms & Roads: | 596.7900 0.0000 |
| | Total Length: | 1061.080 | 6.2 | Dev. Length: | 1654.1000 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | 1208.80005 | | Bank Height: | N.D. |
| | Straightening Data: | | | | |



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SGAT Version: 3

| Reach: T02.05-s1.02-s1.02 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|-----------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | Not Evaluated |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | None |
| 5.2 | # of Bridges or Culverts: | 1 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 149.330 | | Berms & Roads: | 0.0000 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 0.0000 0.0000 |
| | | 0.00000 0.00000 | | Corridor Development Data: | |
| | 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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SGAT Version: 3

| Reach: T02.05-s1.02-s1.03 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|--------------------------|-------------|----------------------------|-----------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | Not Evaluated |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | None |
| 5.2 | # of Bridges or Culverts: | 0 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 0.000 | | Berms & Roads: | |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 0.0000 0.0000 |
| | Data Armoring: | Not Evaluated | | Corridor Development Data: | |
| 5.4 | Straightening Length: | | | <u>Old</u> | <u>New</u> |
| | Straightening Data: | N.E. | 7.2 | Bank Erosion: | N.E. |
| | | | | Bank Height: | N.E. |



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| Reach: T02.05-s1.02-s1.04 | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------|----------------------------|-----------------------------|
| | | 5.5 | Dredging History: | Not Evaluated |
| <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | 6.1 | Berms & Roads Data: | None |
| 3.2 | Grade Control: | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | | Berms & Roads: | |
| | Total Length: | 6.2 | Dev. Length: | 0.0000 0.0000 |
| 5.3 | Armoring Length | | Corridor Development Data: | |
| | | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | 7.2 | Bank Erosion: | N.E. |
| 5.4 | Straightening Length: | | Bank Height: | N.E. |
| | Straightening Data: | | | |

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SGAT Version: 3

| Reach: T02.05-s1.02-s1.05 | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------|----------------------------|---------------------------------|
| | | 5.5 | Dredging History: | Not Evaluated |
| <u>Step</u> | <u>Description</u> | | | |
| 3.1 | Alluvial Fan: | 6.1 | Berms & Roads Data: | None |
| 3.2 | Grade Control: | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | | Berms & Roads: | 0.0000 0.0000 |
| | Total Length: | 6.2 | Dev. Length: | 619.6300 257.5200 |
| 5.3 | Armoring Length | | Corridor Development Data: | |
| | | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | | Bank Height: | N.D. |
| | Straightening Data: | | | |



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SGAT Version: 3

| Reach: T02.05-s1.02-s1.06 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|-------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Not Evaluated |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 0 | | Berms & Roads: | 886.8900 0.0000 |
| | Total Length: | 0.000 | 6.2 | Dev. Length: | 803.4800 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | 0.00000 | | Bank Height: | N.D. |
| | Straightening Data: | None | | | |

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SGAT Version: 3

| Reach: T02.05-s1.02-s2.01 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|---------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | 5.5 | Dredging History: | Not Evaluated |
| 3.1 | Alluvial Fan: | None | 6.1 | Berms & Roads Data: | |
| 3.2 | Grade Control: | None | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | 2 | | Berms & Roads: | 703.1400 0.0000 |
| | Total Length: | 455.240 | 6.2 | Dev. Length: | 443.4000 474.1400 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | | Corridor Development Data: | |
| | | 0.00000 0.00000 | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | None | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | 0.00000 | | Bank Height: | N.D. |
| | Straightening Data: | None | | | |



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| Reach: T02.05-s1.02-s2.02 | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------|----------------------------|-----------------------------|
| | | 5.5 | Dredging History: | Not Evaluated |
| 3.1 | Alluvial Fan: | 6.1 | Berms & Roads Data: | None |
| 3.2 | Grade Control: | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | | Berms & Roads: | |
| | Total Length: | 6.2 | Dev. Length: | 0.0000 0.0000 |
| 5.3 | Armoring Length | | Corridor Development Data: | |
| | | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | 7.2 | Bank Erosion: | N.E. |
| 5.4 | Straightening Length: | | Bank Height: | N.E. |
| | Straightening Data: | | | |

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SGAT Version: 3

| Reach: T02.05-s1.02-s2.03 | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------|----------------------------|-------------------------------|
| | | 5.5 | Dredging History: | Not Evaluated |
| 3.1 | Alluvial Fan: | 6.1 | Berms & Roads Data: | None |
| 3.2 | Grade Control: | | <u>One Side</u> | <u>Both Sides</u> |
| 5.2 | # of Bridges or Culverts: | | Berms & Roads: | 0.0000 0.0000 |
| | Total Length: | 6.2 | Dev. Length: | 474.1000 0.0000 |
| 5.3 | Armoring Length | | Corridor Development Data: | |
| | | | <u>Old</u> | <u>New</u> |
| | Data Armoring: | 7.2 | Bank Erosion: | None |
| 5.4 | Straightening Length: | | Bank Height: | N.D. |
| | Straightening Data: | | | |



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| Reach: T02.05-s1.02-s2.04 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|-------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | Not Evaluated |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | |
| 5.2 | # of Bridges or Culverts: | 0 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 0.000 | | Berms & Roads: | 668.4700 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 218.5700 0.0000 |
| | | 0.00000 0.00000 | | Corridor Development Data: | |
| | 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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SGAT Version: 3

| Reach: T02.05-s1.02-s2.05 | | | <u>Step</u> | <u>Description</u> | <u>Value</u> |
|----------------------------------|---------------------------|-------------------------------|-------------|----------------------------|-------------------------------|
| <u>Step</u> | <u>Description</u> | <u>Value</u> | | | |
| 3.1 | Alluvial Fan: | None | 5.5 | Dredging History: | Not Evaluated |
| 3.2 | Grade Control: | None | 6.1 | Berms & Roads Data: | None |
| 5.2 | # of Bridges or Culverts: | 2 | | <u>One Side</u> | <u>Both Sides</u> |
| | Total Length: | 460.530 | | Berms & Roads: | 0.0000 0.0000 |
| 5.3 | Armoring Length | <u>Left</u> <u>Right</u> | 6.2 | Dev. Length: | 448.4700 0.0000 |
| | | 0.00000 0.00000 | | Corridor Development Data: | |
| | 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. |