

Table 3.12 (1/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|----------|--------|--------|-------|--------|-------|--------|-------|
| WF.1-250 | 0.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 1.00 | 5.00 | -0.10 | 25.00 | -0.80 | 30.00 | -1.40 |
| 45.00 | -1.40 | 60.00 | -1.20 | 75.00 | -1.20 | 100.00 | -1.50 |
| 135.00 | -1.90 | 155.00 | -2.00 | 175.00 | -0.80 | 205.00 | -0.50 |
| 235.00 | -0.60 | 265.00 | -0.60 | 295.00 | -0.70 | 325.00 | -0.50 |
| 335.00 | 0.00 | 340.00 | 0.20 | | | | |
| WF.1-100 | 250.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 1.00 | 7.00 | -0.30 | 15.00 | -0.50 | 50.00 | -0.90 |
| 80.00 | -0.80 | 90.00 | -0.80 | 115.00 | -2.20 | 135.00 | -2.20 |
| 150.00 | -2.00 | 165.00 | -0.40 | 185.00 | -0.20 | 200.00 | -0.15 |
| 260.00 | -0.30 | 270.00 | 0.00 | 280.00 | 0.30 | | |
| WF-0 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 0.46 | 0.10 | 0.40 | 0.70 | -0.36 | 0.80 | -0.50 |
| 4.37 | -0.68 | 12.75 | -0.59 | 21.65 | -0.67 | 30.64 | -0.60 |
| 40.55 | -0.63 | 49.52 | -0.57 | 57.75 | -0.72 | 70.04 | -0.90 |
| 77.11 | -2.17 | 90.43 | -1.76 | 118.36 | -0.56 | 132.33 | -1.43 |
| 136.80 | -1.13 | 155.29 | -0.59 | 169.37 | -0.62 | 174.56 | -0.36 |
| 180.01 | 0.08 | 186.89 | -0.06 | 196.13 | -0.12 | 201.06 | 0.19 |
| 205.31 | 0.15 | 212.42 | -0.02 | 220.36 | -0.08 | 223.53 | 0.10 |
| 232.14 | 0.29 | 240.80 | 0.19 | 247.12 | 0.03 | 253.56 | 0.03 |
| 259.12 | 0.11 | | | | | | |
| WF-1 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -1.92 | 0.56 | -1.90 | 0.36 | 0.00 | 0.40 | 0.40 | 0.40 |
| 0.70 | 0.40 | 0.92 | 0.40 | 3.13 | -0.43 | 14.49 | -0.77 |
| 21.88 | -0.66 | 30.23 | -0.48 | 41.36 | -0.48 | 52.84 | -0.58 |
| 57.75 | -1.64 | 64.52 | -1.92 | 70.69 | -1.94 | 84.34 | -2.26 |
| 119.60 | -1.69 | 131.45 | -1.16 | 138.17 | -0.74 | 146.71 | -0.57 |
| 157.48 | -0.60 | 166.65 | -0.42 | 172.04 | -0.26 | 179.77 | -0.01 |
| 181.98 | 0.72 | | | | | | |
| WF-2 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 0.41 | 0.50 | 0.41 | 0.80 | 0.33 | 1.00 | -0.32 |
| 4.41 | -0.38 | 11.75 | -1.04 | 20.82 | -0.95 | 29.04 | -0.74 |
| 43.82 | -0.88 | 52.79 | -1.07 | 60.37 | -2.13 | 78.95 | -2.24 |
| 93.03 | -2.25 | 108.42 | -2.56 | 117.65 | -1.49 | 127.29 | -1.01 |
| 140.90 | -0.48 | 148.45 | -0.44 | 158.91 | -0.24 | 167.93 | -0.03 |
| 178.42 | -0.04 | 178.78 | 0.35 | | | | |
| WF-3 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 0.57 | 3.01 | 0.48 | 3.13 | 0.12 | 9.38 | -0.29 |
| 18.46 | -0.29 | 33.60 | -0.30 | 40.14 | -1.91 | 48.29 | -2.26 |
| 61.50 | -2.29 | 82.74 | -2.86 | 91.37 | -1.70 | 102.94 | -2.02 |
| 110.15 | -1.16 | 122.62 | -0.57 | 133.77 | -0.29 | 144.87 | -0.30 |
| 151.25 | -0.33 | 155.46 | -0.25 | 156.07 | -0.20 | 159.59 | -0.15 |
| 161.87 | -0.10 | 162.41 | -0.05 | 163.61 | 0.61 | 164.09 | 0.63 |
| WF-5 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |

Table 3.12 (2/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|--------|-------|
| -18.02 | 3.08 | -11.52 | 2.82 | -6.83 | 1.78 | -6.73 | 1.78 |
| -6.70 | 1.21 | 0.00 | 0.94 | 5.24 | 0.91 | 6.90 | 0.04 |
| 15.42 | -0.29 | 20.12 | -0.17 | 21.60 | -0.81 | 23.47 | -2.16 |
| 30.90 | -2.36 | 49.05 | -2.72 | 67.67 | -2.96 | 79.94 | -2.43 |
| 85.98 | -2.14 | 90.74 | -2.21 | 113.00 | -2.21 | 124.84 | -2.63 |
| 131.30 | -1.78 | 140.04 | -1.05 | 143.17 | -0.89 | 145.10 | -0.56 |
| 147.22 | 0.66 | 151.10 | 0.75 | | | | |
| WF-6 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.24 | 3.06 | -8.86 | 2.59 | -5.52 | 2.08 | -5.36 | 2.08 |
| -5.30 | 1.80 | -4.76 | 1.38 | 0.00 | 1.14 | 5.73 | 0.93 |
| 7.57 | -0.06 | 20.89 | -0.13 | 21.51 | -0.29 | 25.18 | -1.36 |
| 28.47 | -2.64 | 39.84 | -2.79 | 56.67 | -2.88 | 71.73 | -2.24 |
| 79.68 | -2.51 | 89.67 | -2.70 | 96.93 | -2.79 | 106.52 | -2.80 |
| 110.86 | -2.95 | 116.36 | -1.14 | 116.54 | -0.26 | 117.28 | 1.29 |
| 121.49 | 1.59 | | | | | | |
| WF-7 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -8.33 | 2.33 | -4.17 | 1.84 | -4.01 | 1.84 | -2.04 | 0.97 |
| 0.00 | 0.90 | 3.55 | 0.79 | 7.26 | 0.73 | 8.04 | 0.13 |
| 13.31 | -0.07 | 19.34 | 0.05 | 20.46 | -0.32 | 22.11 | -1.37 |
| 30.90 | -3.20 | 35.31 | -2.88 | 50.98 | -2.55 | 56.26 | -2.46 |
| 65.59 | -1.90 | 73.91 | -2.10 | 88.24 | -2.31 | 97.00 | -2.59 |
| 102.30 | -0.86 | 103.99 | -0.34 | 115.90 | 0.52 | 118.26 | 1.70 |
| 121.15 | 1.87 | | | | | | |
| WF-8 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -9.28 | 2.37 | -6.83 | 1.96 | -4.12 | 1.79 | -3.94 | 1.79 |
| -3.90 | 1.55 | -1.84 | 1.02 | 0.00 | 0.90 | 4.91 | 0.85 |
| 7.73 | 0.53 | 8.53 | -0.06 | 12.47 | -0.01 | 13.04 | -0.37 |
| 15.90 | -1.44 | 18.19 | -3.21 | 28.53 | -2.89 | 36.00 | -2.73 |
| 41.74 | -2.78 | 48.97 | -2.54 | 56.42 | -2.02 | 66.87 | -2.24 |
| 77.97 | -1.90 | 85.38 | -2.06 | 90.82 | -2.07 | 94.94 | -0.37 |
| 96.92 | 0.45 | 106.02 | 0.12 | 113.19 | 0.64 | 115.27 | 2.40 |
| 120.29 | 2.17 | | | | | | |
| WF-10 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -20.97 | 2.72 | -18.89 | 2.32 | -10.95 | 2.13 | -8.66 | 2.30 |
| -4.77 | 1.85 | -4.62 | 1.85 | -4.60 | 1.55 | -4.47 | 1.55 |
| -4.27 | 0.95 | -2.64 | 0.60 | 0.00 | 0.61 | 2.65 | 0.57 |
| 6.01 | 0.25 | 7.17 | -0.36 | 9.26 | -1.35 | 13.76 | -3.28 |
| 25.46 | -3.04 | 33.67 | -2.64 | 43.44 | -2.11 | 51.28 | -2.24 |
| 58.66 | -2.36 | 67.52 | -2.50 | 75.54 | -2.07 | 82.83 | -1.28 |
| 84.36 | -0.30 | 95.37 | -0.09 | 100.96 | 0.15 | 117.43 | 0.28 |
| 120.06 | 2.52 | | | | | | |
| WF-11 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -8.96 | 2.32 | -6.50 | 2.08 | -4.76 | 1.89 | -4.48 | 1.13 |
| -3.08 | 0.49 | 0.00 | 0.36 | 3.51 | 0.08 | 5.78 | -0.11 |
| 6.51 | -0.37 | 7.42 | -1.35 | 13.82 | -3.18 | 19.54 | -3.26 |
| 25.90 | -3.20 | 31.95 | -2.57 | 44.62 | -2.07 | 51.77 | -2.73 |

Table 3.12 (3/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|-----------|-------|--------|-------|--------|-------|--------|-------|
| 63.82 | -2.45 | 71.03 | -2.16 | 82.11 | -0.33 | 82.62 | 0.10 |
| 83.74 | -0.26 | 98.37 | -0.28 | 99.56 | 0.28 | 100.52 | 0.42 |
| 101.51 | -0.09 | 122.64 | -0.02 | 125.84 | 1.85 | 129.98 | 2.09 |
| WF-12 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -2.90 | 1.44 | -2.00 | 0.81 | -0.90 | 0.21 | 0.00 | 0.21 |
| 5.36 | -2.04 | 11.34 | -1.35 | 15.26 | -3.22 | 23.82 | -3.19 |
| 34.29 | -2.80 | 41.84 | -2.49 | 47.86 | -1.99 | 57.43 | -2.38 |
| 65.41 | -2.15 | 70.53 | -1.88 | 73.13 | -0.94 | 91.00 | -0.79 |
| 97.41 | -0.17 | 98.24 | 0.33 | 100.24 | 0.41 | 101.62 | -0.13 |
| 109.83 | -0.23 | 110.40 | 0.01 | 111.69 | 0.05 | 112.32 | -0.14 |
| 112.34 | -0.15 | 122.59 | -0.13 | 136.34 | -0.08 | 147.65 | 0.00 |
| 158.42 | 0.72 | | | | | | |
| WF-13 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -5.95 | 2.01 | 0.00 | 1.57 | 4.64 | 1.32 | 9.41 | 0.08 |
| 12.24 | 0.12 | 14.74 | -0.37 | 18.13 | -1.73 | 25.70 | -3.26 |
| 33.42 | -3.24 | 42.34 | -3.19 | 49.73 | -3.26 | 59.73 | -2.12 |
| 64.91 | -1.83 | 70.75 | -0.32 | 72.22 | -0.24 | 81.22 | -0.37 |
| 83.44 | 0.03 | 84.07 | -0.47 | 94.45 | -0.40 | 95.19 | 0.06 |
| 98.80 | -0.35 | 110.69 | 0.00 | 111.28 | 0.21 | 120.94 | 0.43 |
| 122.32 | 0.15 | 133.52 | 0.34 | 140.03 | 0.57 | 145.72 | 0.66 |
| 146.28 | 0.89 | 150.40 | 1.20 | | | | |
| WF-14 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -0.60 | 1.92 | -0.50 | 1.32 | 0.00 | 1.32 | 9.38 | 0.26 |
| 16.13 | -0.12 | 20.13 | -1.14 | 22.77 | -1.33 | 25.92 | -1.09 |
| 31.34 | -0.84 | 33.60 | -1.46 | 38.51 | -2.64 | 44.05 | -3.52 |
| 47.99 | -3.42 | 54.43 | -3.52 | 61.49 | -3.63 | 67.89 | -3.09 |
| 70.71 | -1.07 | 72.68 | -0.40 | 77.40 | -0.06 | 78.15 | 0.62 |
| 84.67 | 0.68 | 88.72 | 0.71 | 95.68 | 0.66 | 102.54 | 0.55 |
| 103.93 | 1.14 | 107.70 | 1.28 | 116.57 | 1.17 | 126.25 | 1.18 |
| 136.68 | 1.27 | 145.42 | 1.18 | 151.75 | 1.47 | | |
| WF-15 Br. | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -0.01 | 4.09 | 0.00 | 2.49 | 0.77 | 2.49 | 0.80 | 0.16 |
| 4.38 | 0.09 | 8.72 | -0.04 | 9.51 | 1.04 | 9.99 | 0.33 |
| 11.10 | 0.31 | 14.12 | 0.12 | 27.52 | -0.07 | 28.24 | 0.45 |
| 30.02 | 0.28 | 33.07 | 0.18 | 36.76 | 0.24 | 42.47 | 0.07 |
| 48.09 | -1.87 | 53.21 | -2.77 | 59.18 | -4.66 | 69.52 | -3.76 |
| 75.49 | -2.95 | 81.21 | -3.04 | 85.40 | -2.75 | 88.91 | -0.55 |
| 93.50 | -0.02 | 95.44 | 0.20 | 97.04 | 0.23 | 100.15 | 0.71 |
| 115.48 | 0.08 | 120.74 | 0.26 | 123.73 | 0.34 | 127.42 | 0.44 |
| 129.03 | 0.34 | 133.71 | 0.33 | 138.93 | 0.28 | 151.00 | 0.33 |
| 154.00 | 2.57 | | | | | | |
| WF-16 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -1.60 | 0.96 | -1.50 | 0.16 | 0.00 | 0.01 | 2.64 | -0.06 |
| 5.80 | 0.03 | 11.96 | -0.01 | 17.56 | 0.15 | 18.28 | -0.43 |
| 28.15 | -0.24 | 30.58 | 0.40 | 31.44 | 0.06 | 38.80 | 0.14 |
| 40.91 | -0.30 | 43.12 | -1.39 | 47.40 | -2.30 | 53.75 | -2.15 |

Table 3.12 (4/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|--------|-------|
| 62.70 | -2.43 | 73.07 | -3.00 | 84.23 | -3.12 | 85.05 | -3.02 |
| 88.38 | -0.91 | 89.63 | 0.40 | 97.16 | 0.05 | 97.74 | 0.73 |
| 98.03 | 0.71 | 122.01 | -0.21 | 124.25 | 0.39 | 126.02 | 0.26 |
| 128.19 | 0.23 | 137.08 | 0.20 | 144.64 | 0.57 | 144.65 | 1.60 |
| WF-17 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -2.05 | 1.05 | 0.00 | 0.23 | 2.43 | 0.27 | 3.31 | -0.70 |
| 8.34 | -0.71 | 8.89 | 0.29 | 9.53 | 0.45 | 10.35 | -0.76 |
| 20.34 | -0.58 | 21.44 | 0.51 | 24.42 | 0.51 | 25.40 | -0.44 |
| 31.98 | 0.39 | 33.54 | -0.72 | 37.88 | -0.57 | 38.81 | 0.49 |
| 44.97 | 0.02 | 46.27 | -0.29 | 51.53 | -2.04 | 55.77 | -2.12 |
| 63.70 | -2.43 | 72.18 | -2.76 | 82.11 | -2.83 | 90.02 | -3.24 |
| 91.34 | -2.11 | 93.99 | -1.14 | 95.15 | 0.31 | 100.03 | 0.20 |
| 102.51 | 0.32 | 124.16 | 0.04 | 132.96 | 0.47 | 141.75 | 0.81 |
| 146.74 | 0.78 | 150.81 | 1.60 | | | | |
| WF-18 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.30 | 1.38 | 0.86 | 1.38 | 0.90 | -0.01 | 3.76 | -0.08 |
| 7.75 | -0.12 | 17.27 | 0.02 | 25.88 | 0.01 | 34.76 | 0.02 |
| 41.89 | 0.13 | 51.75 | 0.10 | 53.91 | -0.30 | 55.83 | -0.94 |
| 60.46 | -2.29 | 66.67 | -2.20 | 84.20 | -2.64 | 92.21 | -2.74 |
| 96.87 | -2.75 | 100.22 | -1.49 | 102.06 | -0.12 | 111.27 | -0.03 |
| 124.44 | -0.10 | 131.59 | 0.26 | 137.28 | 0.65 | 142.24 | 0.81 |
| 146.18 | 0.94 | 150.00 | 1.19 | 150.68 | 1.61 | 151.15 | 1.61 |
| WF-20 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 1.20 | 1.54 | 1.24 | 0.28 | 5.83 | 0.03 | 15.40 | -0.01 |
| 29.13 | 0.05 | 40.24 | 0.07 | 49.66 | 0.28 | 55.50 | -0.42 |
| 60.23 | -2.28 | 65.18 | -2.35 | 69.93 | -2.44 | 76.08 | -2.42 |
| 81.79 | -2.59 | 87.31 | -2.80 | 92.87 | -3.03 | 98.10 | -1.83 |
| 100.08 | -0.37 | 110.65 | 0.00 | 117.17 | -0.01 | 118.48 | -0.15 |
| 129.87 | -0.23 | 132.48 | 0.20 | 139.14 | 0.32 | 141.44 | 0.65 |
| 144.48 | 0.98 | 149.77 | 1.58 | | | | |
| WF-21 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 1.33 | 1.12 | 0.20 | 4.96 | 0.04 | 9.64 | 0.08 |
| 14.42 | 0.03 | 21.00 | 0.09 | 28.50 | 0.14 | 35.68 | 0.16 |
| 42.61 | 0.17 | 49.34 | 0.29 | 55.53 | 0.54 | 56.74 | -0.30 |
| 58.14 | -1.11 | 60.69 | -2.26 | 67.24 | -2.36 | 73.63 | -2.56 |
| 85.30 | -2.76 | 95.63 | -2.61 | 100.91 | -0.36 | 101.51 | 0.03 |
| 108.29 | 0.22 | 120.70 | 0.03 | 128.88 | -0.11 | 137.64 | -0.13 |
| 143.34 | -0.23 | 148.28 | 0.91 | 150.48 | 1.06 | 155.72 | 1.61 |
| WF-22 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 1.83 | 1.22 | 1.57 | 1.74 | 0.74 | 6.78 | 0.02 |
| 11.00 | 0.10 | 18.38 | 0.09 | 26.57 | 0.05 | 36.84 | 0.19 |
| 49.28 | 0.26 | 56.39 | 0.34 | 57.31 | -0.44 | 68.23 | -2.41 |
| 76.66 | -2.49 | 83.79 | -2.62 | 91.01 | -2.75 | 97.55 | -1.98 |
| 101.07 | -0.93 | 102.12 | -0.32 | 114.32 | 0.30 | 121.84 | 0.03 |
| 122.22 | 0.46 | 124.17 | 0.20 | 124.67 | -0.40 | 126.23 | -0.32 |
| 137.91 | -0.02 | 146.43 | -0.03 | 148.29 | -0.36 | 153.85 | 0.36 |

Table 3.12 (5/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 156.83 | 0.99 | 159.62 | 1.14 | 163.42 | 1.42 | | |
| WF-23 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 1.10 | 1.73 | 1.18 | 0.63 | 4.88 | 0.18 | 12.93 | 0.19 |
| 26.50 | 0.32 | 38.03 | 0.33 | 47.83 | 0.39 | 53.68 | 0.68 |
| 54.82 | -0.37 | 60.32 | -2.55 | 66.79 | -1.54 | 74.20 | -2.75 |
| 83.19 | -2.37 | 87.66 | -2.37 | 88.24 | -2.43 | 93.92 | -2.20 |
| 97.14 | -1.01 | 98.08 | -0.37 | 99.35 | 0.17 | 105.54 | 0.12 |
| 106.31 | -0.54 | 107.38 | -0.49 | 108.29 | 0.12 | 114.60 | 0.19 |
| 122.70 | -0.01 | 123.97 | 0.61 | 127.78 | 0.58 | 130.19 | -0.28 |
| 139.16 | -0.11 | 140.38 | 0.42 | 142.80 | -0.11 | 158.08 | -0.09 |
| 160.07 | 0.40 | 163.58 | 0.93 | 165.22 | 1.04 | 169.88 | 1.72 |
| WF-24 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 1.40 | 1.65 | 1.44 | 0.28 | 5.33 | 0.06 | 10.25 | 0.26 |
| 15.44 | 0.32 | 22.65 | 0.56 | 30.33 | 0.33 | 37.28 | 0.39 |
| 46.74 | 0.61 | 52.14 | 0.39 | 53.10 | -0.39 | 57.30 | 0.77 |
| 62.30 | -2.52 | 71.24 | -2.44 | 78.17 | -2.48 | 84.10 | -2.46 |
| 84.90 | -2.55 | 89.38 | -2.33 | 93.89 | -1.19 | 94.43 | -0.32 |
| 99.76 | 0.32 | 100.84 | 0.14 | 105.06 | -0.06 | 114.52 | 0.13 |
| 124.76 | -0.01 | 134.22 | 0.04 | 144.59 | 0.03 | 150.27 | 0.13 |
| 151.49 | 0.30 | 152.02 | -0.12 | 161.61 | -0.19 | 162.19 | 0.37 |
| 167.88 | 1.05 | 170.61 | 1.29 | 172.18 | 1.73 | | |
| WF-25 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 1.60 | 1.85 | 1.65 | 0.48 | 5.06 | 0.18 | 9.62 | 0.18 |
| 18.04 | 0.33 | 26.34 | 0.52 | 32.13 | 0.57 | 39.48 | 0.74 |
| 44.68 | 0.43 | 45.61 | -0.41 | 49.95 | -2.30 | 60.36 | -2.32 |
| 69.98 | -2.32 | 75.95 | -2.33 | 81.19 | -2.51 | 84.42 | -2.00 |
| 87.36 | -0.40 | 88.25 | 0.46 | 96.29 | 0.24 | 104.80 | 0.00 |
| 112.23 | 0.09 | 121.73 | 0.06 | 133.37 | 0.12 | 143.11 | 0.03 |
| 148.56 | 0.04 | 149.57 | 0.27 | 150.12 | -0.08 | 161.24 | -0.19 |
| 162.33 | 0.44 | 167.31 | 0.92 | 171.76 | 1.33 | 175.92 | 1.82 |
| WF-26 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 1.01 | 1.23 | 1.09 | 1.45 | 1.82 | 1.92 | 1.81 |
| 2.01 | 0.43 | 4.56 | 0.30 | 8.72 | 0.17 | 14.48 | 0.57 |
| 22.64 | 0.69 | 30.73 | 0.65 | 36.19 | 0.36 | 37.01 | 0.34 |
| 37.65 | 0.67 | 40.81 | -2.41 | 49.68 | -2.32 | 60.25 | -2.55 |
| 67.82 | -2.75 | 74.37 | -2.49 | 79.01 | -1.06 | 80.15 | -0.36 |
| 80.85 | 0.32 | 84.45 | 0.43 | 85.65 | 0.24 | 98.87 | 0.15 |
| 108.64 | 0.24 | 122.04 | 0.09 | 133.07 | 0.14 | 133.65 | 0.34 |
| 134.27 | 0.32 | 135.19 | -0.16 | 161.03 | -0.14 | 163.22 | 0.83 |
| 166.63 | 1.08 | 169.83 | 1.15 | 175.55 | 1.71 | 175.60 | 1.85 |
| 176.05 | 1.84 | 176.08 | 1.56 | 177.81 | 1.30 | | |
| WF-27 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 1.00 | 0.63 | 1.00 | 1.06 | 1.78 | 2.06 | 1.78 |
| 2.76 | 0.48 | 4.44 | 0.51 | 7.26 | 0.25 | 15.23 | 0.61 |
| 22.69 | 0.56 | 28.85 | 0.29 | 29.35 | -0.14 | 31.51 | -1.58 |
| 37.62 | -1.94 | 45.53 | -2.23 | 53.40 | -2.57 | 61.04 | -2.74 |

Table 3.12 (6/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|--------|-------|
| 67.18 | -1.82 | 71.10 | -1.24 | 71.49 | -0.05 | 71.82 | 0.41 |
| 77.22 | 0.49 | 78.22 | 0.00 | 84.43 | 0.42 | 99.20 | 0.29 |
| 110.21 | 0.22 | 122.81 | 0.13 | 131.42 | 0.12 | 138.57 | 0.13 |
| 139.29 | 0.29 | 140.11 | 0.29 | 140.46 | -0.13 | 160.43 | -0.19 |
| 161.59 | 0.40 | 163.32 | 1.07 | 168.67 | 1.42 | 173.15 | 1.63 |
| 173.75 | 1.82 | 174.27 | 1.84 | 174.29 | 1.73 | 175.49 | 1.58 |
| 179.08 | 0.07 | 185.58 | 0.07 | | | | |
| WF-28 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 0.91 | 1.42 | 0.96 | 1.80 | 1.79 | 2.30 | 1.79 |
| 2.30 | 0.55 | 4.29 | 0.58 | 7.92 | 0.52 | 12.04 | 0.67 |
| 15.99 | 0.48 | 22.80 | 0.29 | 23.49 | -0.10 | 26.30 | -1.59 |
| 29.37 | -2.12 | 38.31 | -2.03 | 48.61 | -2.44 | 56.63 | -2.75 |
| 63.61 | -2.04 | 68.63 | -0.49 | 69.42 | -0.13 | 70.28 | 0.29 |
| 77.58 | 0.31 | 89.53 | 0.30 | 108.78 | 0.19 | 117.21 | 0.17 |
| 124.51 | 0.17 | 133.17 | -0.03 | 141.50 | 0.04 | 149.09 | 0.01 |
| 156.97 | 0.14 | 160.27 | 0.67 | 171.36 | 1.29 | 178.14 | 1.24 |
| 178.18 | 1.85 | 178.73 | 1.84 | 178.80 | 1.66 | 181.47 | 1.34 |
| 184.46 | 1.13 | 185.67 | 0.13 | 190.10 | 0.07 | | |
| WF-30 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -4.24 | 0.63 | -2.74 | 0.30 | -2.12 | 2.25 | -1.64 | 2.25 |
| -1.64 | 0.90 | 0.00 | 0.56 | 1.45 | 0.52 | 4.05 | 0.59 |
| 9.64 | 0.34 | 12.58 | 0.52 | 13.28 | -0.21 | 15.20 | -1.60 |
| 16.86 | -1.98 | 20.47 | -2.25 | 28.89 | -2.24 | 38.14 | -2.44 |
| 46.66 | -2.65 | 52.64 | -2.48 | 55.43 | -1.26 | 57.35 | -0.21 |
| 58.18 | 0.51 | 59.44 | 0.64 | 60.45 | 0.10 | 66.63 | 0.03 |
| 67.34 | 0.53 | 68.06 | 0.45 | 68.66 | 0.00 | 73.83 | 0.00 |
| 74.45 | 0.30 | 84.49 | 0.32 | 93.16 | 0.22 | 104.41 | 0.04 |
| 118.63 | 0.03 | 126.64 | 0.08 | 136.97 | 0.03 | 145.66 | 0.03 |
| 156.21 | 0.13 | 159.14 | 0.46 | 166.14 | 0.99 | 172.95 | 1.01 |
| 173.01 | 1.88 | 173.50 | 1.88 | 173.58 | 1.72 | 174.72 | 1.66 |
| WF-31 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.88 | 0.60 | -2.77 | 0.31 | -2.27 | 2.26 | -1.83 | 2.26 |
| -1.83 | 0.86 | 0.00 | 0.77 | 3.34 | 0.58 | 6.96 | 0.60 |
| 10.96 | 0.17 | 12.19 | -0.28 | 15.41 | -2.78 | 19.18 | -2.66 |
| 28.41 | -1.98 | 36.74 | -2.38 | 43.75 | -2.42 | 51.64 | -1.56 |
| 55.59 | -0.96 | 56.48 | -0.27 | 56.73 | 0.17 | 58.97 | 0.28 |
| 59.56 | 0.00 | 62.00 | 0.00 | 62.68 | 0.00 | 72.63 | 0.29 |
| 84.23 | 0.34 | 99.75 | 0.27 | 112.89 | 0.18 | 122.45 | 0.11 |
| 123.55 | -0.27 | 133.68 | -0.39 | 133.92 | -0.04 | 142.39 | 0.02 |
| 157.91 | 0.31 | 167.48 | 0.81 | 171.08 | 0.89 | 178.31 | 1.22 |
| 178.38 | 1.92 | 178.89 | 1.92 | 178.92 | 1.87 | 181.33 | 1.66 |
| WF-32 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -5.79 | 0.59 | -3.60 | 0.55 | -3.00 | 2.20 | -2.05 | 2.20 |
| -1.50 | 1.00 | 0.00 | 0.78 | 3.12 | 0.76 | 6.64 | 0.60 |
| 8.61 | -0.29 | 11.17 | -2.64 | 13.74 | -2.78 | 18.60 | -2.80 |
| 24.01 | -2.00 | 30.21 | -2.43 | 35.96 | -2.17 | 44.02 | -2.16 |
| 48.36 | -0.71 | 49.32 | -0.26 | 50.29 | 0.27 | 55.50 | 0.33 |

Table 3.12 (7/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|--------|-------|
| 56.81 | -0.25 | 64.32 | -0.07 | 65.53 | -0.01 | 77.98 | 0.36 |
| 87.17 | 0.29 | 99.75 | 0.19 | 110.66 | 0.19 | 121.35 | 0.12 |
| 134.36 | 0.43 | 144.58 | 0.74 | 155.58 | 0.72 | 166.33 | 0.91 |
| 168.08 | 1.75 | 178.70 | 1.68 | 182.98 | 1.89 | 184.85 | 1.84 |
| 189.25 | 1.35 | 197.13 | 0.96 | 198.46 | 0.83 | 198.92 | 0.82 |
| 203.12 | 0.90 | 203.25 | 0.75 | | | | |
| WF-34 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -4.78 | 0.56 | -1.96 | 0.70 | -1.40 | 2.03 | -0.90 | 2.03 |
| -0.90 | 1.59 | -0.65 | 1.59 | -0.20 | 1.85 | 0.00 | 1.85 |
| 0.50 | 1.85 | 2.38 | 0.84 | 3.24 | 0.49 | 3.64 | 0.49 |
| 3.65 | 0.24 | 3.79 | 0.24 | 3.80 | -0.14 | 3.81 | -0.96 |
| 6.81 | -2.40 | 9.50 | -2.77 | 15.07 | -2.65 | 21.61 | -2.54 |
| 26.15 | -2.56 | 32.41 | -2.03 | 38.21 | -2.09 | 42.17 | -1.21 |
| 43.23 | -0.14 | 44.17 | 0.44 | 54.49 | 0.52 | 63.50 | 0.32 |
| 63.88 | -0.32 | 74.36 | -0.10 | 75.29 | 0.38 | 84.93 | 0.39 |
| 93.89 | 0.34 | 102.98 | 0.26 | 114.27 | 0.31 | 125.06 | 0.37 |
| 133.65 | 0.37 | 144.14 | 0.31 | 154.11 | 0.28 | 167.35 | 0.03 |
| 174.84 | 0.33 | 182.36 | 1.12 | 185.51 | 1.21 | 191.20 | 1.49 |
| 191.26 | 2.16 | 191.80 | 2.16 | 191.84 | 2.09 | 195.02 | 1.35 |
| WF-35 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -4.91 | 0.51 | -2.56 | 0.33 | -1.95 | 1.92 | -1.41 | 1.92 |
| -1.40 | 1.33 | 0.00 | 1.33 | 2.90 | 0.79 | 2.95 | 0.49 |
| 2.95 | 0.24 | 3.00 | 0.24 | 3.10 | -0.10 | 3.20 | -0.85 |
| 4.15 | -1.94 | 6.42 | -2.74 | 10.12 | -2.89 | 13.86 | -2.81 |
| 19.53 | -2.55 | 25.22 | -2.19 | 30.75 | -2.05 | 35.06 | -2.25 |
| 39.29 | -1.98 | 42.27 | -0.10 | 43.13 | 0.47 | 49.75 | 0.43 |
| 50.77 | -0.10 | 58.51 | -0.05 | 69.81 | 0.07 | 79.40 | 0.45 |
| 88.08 | 0.38 | 101.76 | 0.29 | 112.59 | 0.26 | 123.46 | 0.22 |
| 135.84 | 0.34 | 145.73 | 0.31 | 156.43 | 0.16 | 165.94 | -0.07 |
| 167.23 | -0.27 | 174.15 | 0.11 | 182.39 | 1.16 | 185.97 | 1.14 |
| 191.23 | 1.55 | 192.14 | 2.20 | 192.63 | 2.20 | 192.63 | 2.01 |
| 195.05 | 1.56 | | | | | | |
| WF-36 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -4.63 | 0.71 | -1.86 | 0.78 | -1.60 | 2.18 | -1.10 | 2.18 |
| -1.10 | 1.23 | 0.00 | 0.86 | 1.92 | 0.93 | 3.07 | 0.56 |
| 3.85 | -0.13 | 4.14 | -1.14 | 5.53 | -1.25 | 8.76 | -2.95 |
| 13.65 | -2.82 | 19.76 | -2.37 | 27.42 | -2.04 | 34.12 | -1.99 |
| 38.30 | -1.90 | 42.02 | -1.40 | 43.30 | -0.17 | 43.80 | 0.49 |
| 56.23 | 0.48 | 58.15 | -0.26 | 61.60 | -0.19 | 70.86 | 0.11 |
| 80.64 | 0.53 | 89.73 | 0.41 | 98.94 | 0.37 | 109.21 | 0.34 |
| 122.76 | 0.31 | 134.89 | 0.39 | 148.04 | 0.22 | 159.36 | 0.04 |
| 169.61 | -0.06 | 180.09 | 0.60 | 182.58 | 1.36 | 184.93 | 1.45 |
| 194.80 | 1.97 | 194.83 | 2.20 | 195.36 | 2.18 | 195.39 | 2.01 |
| WF-37 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.01 | 0.76 | -2.80 | 0.77 | -2.35 | 2.17 | -1.85 | 2.17 |
| -1.85 | 1.07 | 0.00 | 0.97 | 1.77 | 0.91 | 3.54 | -0.26 |
| 4.51 | -1.20 | 8.41 | -2.77 | 13.37 | -2.37 | 22.17 | -1.97 |

Table 3.12 (8/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|--------|-------|
| 31.04 | -2.23 | 37.58 | -2.20 | 41.22 | -2.20 | 44.20 | -1.70 |
| 45.60 | -0.25 | 46.34 | 0.60 | 65.66 | 0.51 | 66.65 | -0.05 |
| 73.11 | -0.16 | 74.28 | 0.11 | 81.39 | 0.19 | 82.00 | 0.36 |
| 91.12 | 0.57 | 105.69 | 0.28 | 126.95 | 0.27 | 148.94 | 0.34 |
| 170.03 | 0.29 | 180.23 | 0.13 | 185.87 | 0.54 | 188.52 | 1.36 |
| 189.08 | 1.40 | 196.40 | 1.55 | 196.47 | 2.30 | 196.97 | 2.31 |
| 197.02 | 2.08 | 200.64 | 0.43 | | | | |
| WF-38 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -2.83 | 0.83 | -2.53 | 0.85 | -1.93 | 2.20 | -1.43 | 2.20 |
| -1.43 | 1.45 | 0.00 | 1.28 | 1.38 | 1.01 | 3.78 | 0.79 |
| 6.20 | 0.65 | 6.26 | -0.26 | 6.94 | -0.64 | 10.71 | -1.77 |
| 15.20 | -2.06 | 24.76 | -1.84 | 33.95 | -2.05 | 42.96 | -2.23 |
| 48.58 | -2.51 | 51.59 | -0.90 | 52.54 | -0.25 | 53.50 | 0.32 |
| 68.09 | 0.56 | 70.16 | -0.10 | 84.75 | 0.17 | 85.89 | 0.60 |
| 92.22 | 0.62 | 110.13 | 0.29 | 129.12 | 0.24 | 144.36 | 0.19 |
| 165.29 | 0.08 | 179.98 | 0.19 | 188.50 | 0.74 | 191.39 | 1.70 |
| 192.87 | 2.05 | 197.38 | 2.19 | 197.75 | 2.41 | 199.12 | 2.35 |
| 199.25 | 2.07 | | | | | | |
| WF-40 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.62 | 0.59 | -3.08 | 0.70 | -2.19 | 2.28 | -1.69 | 2.28 |
| -1.69 | 1.05 | 0.00 | 0.99 | 4.23 | 0.92 | 9.59 | 1.01 |
| 13.84 | 0.64 | 16.93 | -0.36 | 17.33 | -0.71 | 19.39 | -1.54 |
| 25.51 | -1.77 | 39.22 | -2.01 | 49.04 | -2.14 | 56.55 | -2.47 |
| 62.36 | -1.07 | 62.63 | -0.28 | 63.40 | 0.52 | 76.98 | 0.59 |
| 87.76 | 0.13 | 88.95 | 1.14 | 100.64 | 0.61 | 113.35 | 0.60 |
| 137.72 | 0.45 | 154.01 | 0.27 | 168.11 | 0.11 | 188.38 | 0.57 |
| 191.00 | 1.04 | 192.97 | 1.26 | 193.00 | 2.42 | 193.50 | 2.42 |
| 194.22 | 0.84 | 194.78 | 0.85 | | | | |
| WF-41 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.58 | 0.71 | -3.10 | 0.74 | -2.35 | 2.39 | -1.84 | 2.39 |
| -1.84 | 1.04 | 0.00 | 1.09 | 3.03 | 0.97 | 7.28 | 0.98 |
| 11.76 | 0.83 | 15.91 | 0.71 | 17.52 | -0.28 | 19.88 | -1.67 |
| 24.16 | -1.74 | 31.81 | -1.80 | 40.17 | -1.89 | 47.43 | -1.94 |
| 56.28 | -2.33 | 63.55 | -1.45 | 65.34 | -0.21 | 66.09 | 0.68 |
| 76.06 | 0.54 | 87.60 | 0.43 | 88.42 | 0.77 | 93.57 | 0.68 |
| 106.06 | 0.49 | 122.75 | 0.62 | 140.93 | 0.34 | 159.63 | 0.25 |
| 171.16 | 0.04 | 175.72 | 0.23 | 178.26 | 0.28 | 186.00 | 1.15 |
| 186.01 | 2.36 | 186.48 | 2.35 | 187.19 | 0.84 | 187.93 | 0.96 |
| WF-42 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -4.59 | 0.86 | -4.39 | 0.86 | -3.75 | 2.47 | -3.25 | 2.47 |
| -3.25 | 1.19 | 0.00 | 0.84 | 5.70 | 1.05 | 9.94 | 0.80 |
| 14.45 | 0.73 | 15.61 | -0.33 | 17.54 | -1.47 | 23.58 | -1.85 |
| 33.50 | -1.75 | 43.44 | -1.77 | 50.40 | -1.93 | 58.52 | -2.16 |
| 63.68 | -0.94 | 64.42 | -0.31 | 65.13 | 0.63 | 75.62 | 0.60 |
| 86.40 | 0.44 | 87.58 | 0.80 | 98.77 | 0.73 | 113.65 | 0.54 |
| 125.45 | 0.44 | 137.94 | 0.34 | 168.60 | 0.14 | 174.07 | 0.87 |
| 175.96 | 1.09 | 178.22 | 1.46 | 178.22 | 2.50 | 178.73 | 2.52 |

Table 3.12 (9/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 179.70 | 0.83 | 180.22 | 0.89 | | | | |
| WF-43 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.53 | 0.89 | -3.03 | 0.98 | -2.22 | 2.50 | -1.74 | 2.50 |
| -1.74 | 1.30 | 0.00 | 1.12 | 6.21 | 0.87 | 10.35 | 0.93 |
| 14.21 | 0.82 | 15.68 | -0.29 | 17.31 | -1.37 | 21.13 | -1.88 |
| 28.27 | -1.90 | 40.62 | -1.68 | 50.11 | -2.05 | 55.91 | -1.97 |
| 61.98 | -1.30 | 62.91 | -0.34 | 64.32 | 0.82 | 75.03 | 0.67 |
| 76.28 | 0.39 | 86.18 | 0.66 | 86.86 | 0.93 | 109.68 | 0.68 |
| 122.93 | 0.58 | 134.32 | 0.46 | 150.69 | 0.32 | 165.11 | 0.31 |
| 170.79 | 0.58 | 172.43 | 0.76 | 172.45 | 2.51 | 172.94 | 2.51 |
| 173.79 | 1.20 | 174.87 | 1.14 | | | | |
| WF-44 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.96 | 1.28 | -3.83 | 1.32 | -3.24 | 2.64 | -2.73 | 2.64 |
| -2.73 | 1.69 | 0.00 | 1.11 | 3.41 | 1.22 | 7.02 | 1.35 |
| 10.60 | 1.06 | 12.51 | -0.26 | 13.54 | -1.05 | 15.55 | -1.80 |
| 23.27 | -2.17 | 27.21 | -2.06 | 34.51 | -2.06 | 46.28 | -2.03 |
| 55.37 | -2.06 | 58.91 | -0.99 | 60.06 | -0.32 | 60.63 | 0.53 |
| 71.46 | 0.39 | 81.48 | 0.48 | 82.64 | 1.00 | 93.62 | 0.76 |
| 108.61 | 0.67 | 126.35 | 0.44 | 142.26 | 0.23 | 156.59 | 0.23 |
| 159.77 | 0.52 | 162.73 | 1.02 | 164.18 | 1.27 | 164.23 | 2.58 |
| 164.70 | 2.61 | 165.48 | 0.93 | 165.77 | 0.97 | | |
| WF-45 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.85 | 1.31 | -3.31 | 0.31 | -2.89 | 2.62 | -2.42 | 2.62 |
| -2.42 | 1.53 | 0.00 | 1.14 | 3.25 | 1.18 | 6.52 | 1.22 |
| 9.15 | 0.55 | 11.45 | -0.30 | 12.45 | -1.44 | 14.63 | -2.08 |
| 19.86 | -2.21 | 27.74 | -1.83 | 33.67 | -1.75 | 43.05 | -1.65 |
| 48.22 | -1.91 | 54.73 | -1.44 | 56.01 | -0.34 | 56.63 | 0.49 |
| 68.43 | 0.52 | 76.85 | 0.57 | 77.79 | 1.05 | 83.34 | 0.96 |
| 92.33 | 0.64 | 100.86 | 0.58 | 107.91 | 0.54 | 115.59 | 0.49 |
| 125.76 | 0.41 | 138.17 | 0.41 | 147.80 | 0.26 | 156.30 | 1.46 |
| 156.95 | 1.46 | 156.95 | 2.62 | 157.42 | 2.62 | 158.17 | 1.00 |
| 158.61 | 1.04 | | | | | | |
| WF-46 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.20 | 1.53 | -3.01 | 1.61 | -2.56 | 2.81 | -2.04 | 2.81 |
| -2.04 | 1.81 | 0.00 | 1.43 | 3.21 | 1.37 | 6.43 | 1.60 |
| 7.74 | 0.61 | 9.05 | -0.22 | 9.38 | -1.03 | 15.10 | -2.30 |
| 23.41 | -1.98 | 31.15 | -2.10 | 38.23 | -1.80 | 48.54 | -1.77 |
| 52.50 | -1.43 | 54.44 | -0.17 | 55.15 | 0.73 | 63.56 | 0.57 |
| 73.20 | 0.60 | 75.13 | 1.21 | 88.00 | 0.80 | 97.81 | 0.51 |
| 110.08 | 0.40 | 120.78 | 0.34 | 132.83 | 0.31 | 140.34 | 0.36 |
| 149.00 | 0.81 | 151.51 | 1.42 | 152.58 | 1.43 | 152.59 | 2.60 |
| 153.08 | 2.65 | 153.91 | 1.32 | 154.71 | 1.44 | | |
| WF-47 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.00 | 1.70 | -2.67 | 1.84 | -2.22 | 3.00 | -1.72 | 3.00 |
| -1.72 | 2.10 | 0.00 | 1.52 | 1.87 | 1.56 | 4.76 | 1.33 |
| 7.31 | 0.53 | 8.00 | -0.17 | 9.32 | -1.97 | 13.53 | -2.47 |

Table 3.12 (10/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|--------|-------|
| 19.49 | -2.09 | 29.86 | -2.04 | 38.50 | -1.84 | 43.69 | -1.56 |
| 48.16 | -1.96 | 52.48 | -1.19 | 53.05 | -0.16 | 53.41 | 0.51 |
| 57.06 | 0.75 | 64.93 | 0.32 | 72.33 | 0.90 | 72.87 | 1.19 |
| 77.78 | 0.96 | 83.71 | 1.02 | 97.67 | 0.79 | 98.86 | 0.33 |
| 109.47 | 0.67 | 118.07 | 0.67 | 129.32 | 0.53 | 138.31 | 0.56 |
| 145.77 | 0.80 | 147.35 | 1.08 | 147.88 | 1.22 | 148.33 | 2.67 |
| 148.85 | 2.70 | 149.34 | 2.73 | 149.86 | 1.46 | 150.85 | 1.53 |
| WF-48 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -2.91 | 1.72 | -2.75 | 1.75 | -2.29 | 3.05 | -1.79 | 3.05 |
| -1.79 | 2.52 | 0.00 | 2.15 | 3.28 | 2.17 | 3.68 | 2.16 |
| 3.78 | 1.56 | 5.26 | 0.95 | 5.96 | -0.21 | 7.24 | -1.35 |
| 11.85 | -2.18 | 18.68 | -2.17 | 27.34 | -2.05 | 33.80 | -1.78 |
| 41.56 | -1.75 | 46.66 | -1.75 | 50.85 | -1.08 | 51.35 | -0.20 |
| 52.14 | 0.73 | 56.88 | 0.64 | 62.43 | 0.31 | 69.68 | 0.53 |
| 71.74 | 1.05 | 80.94 | 0.91 | 90.64 | 0.68 | 102.50 | 0.66 |
| 112.36 | 0.62 | 122.20 | 0.27 | 122.98 | 0.52 | 125.37 | 0.61 |
| 125.77 | 0.24 | 131.00 | 0.27 | 132.69 | 0.92 | 135.80 | 0.84 |
| 141.01 | 0.62 | 144.13 | 2.35 | 146.56 | 2.40 | 147.11 | 2.40 |
| 147.11 | 2.80 | 147.64 | 2.80 | 148.22 | 1.39 | 148.40 | 1.44 |
| WF-50 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -6.49 | 1.88 | -4.03 | 1.80 | -3.42 | 2.97 | -2.95 | 2.97 |
| -2.95 | 2.28 | 0.00 | 1.94 | 0.38 | 1.94 | 0.38 | 2.19 |
| 0.83 | 2.19 | 0.83 | 1.22 | 3.62 | 0.97 | 3.86 | 0.85 |
| 4.24 | 0.80 | 4.49 | 0.24 | 6.40 | -0.22 | 8.22 | -2.19 |
| 13.18 | -2.25 | 24.28 | -2.16 | 31.75 | -1.93 | 38.51 | -1.91 |
| 43.19 | -1.81 | 47.66 | -1.21 | 48.12 | -0.20 | 48.64 | 0.63 |
| 50.98 | 0.86 | 56.59 | 0.63 | 63.56 | 0.27 | 68.10 | 0.62 |
| 68.75 | 0.80 | 73.64 | 1.05 | 80.89 | 1.07 | 89.32 | 1.02 |
| 99.08 | 0.94 | 110.44 | 0.97 | 112.04 | 0.93 | 112.86 | 0.58 |
| 118.29 | 0.82 | 118.95 | 1.23 | 123.30 | 1.18 | 131.18 | 1.19 |
| 133.23 | 1.61 | 133.55 | 2.93 | 134.03 | 2.94 | 134.52 | 2.97 |
| 135.09 | 1.88 | 135.22 | 1.75 | | | | |
| WF-51 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -5.94 | 1.84 | -3.87 | 1.67 | -3.06 | 3.14 | -2.48 | 3.14 |
| -2.48 | 2.48 | 0.00 | 2.14 | 1.44 | 2.23 | 1.58 | 1.44 |
| 4.04 | 1.12 | 4.32 | 0.99 | 4.63 | 1.03 | 6.89 | -0.33 |
| 8.29 | -1.55 | 11.44 | -1.99 | 15.65 | -1.85 | 23.88 | -1.71 |
| 30.43 | -2.02 | 38.37 | -1.96 | 45.17 | -2.18 | 48.92 | -1.36 |
| 49.40 | -0.35 | 50.80 | 0.32 | 51.20 | 0.75 | 55.15 | 0.90 |
| 62.98 | 0.62 | 69.18 | 0.78 | 69.86 | 1.02 | 76.70 | 1.05 |
| 85.68 | 1.17 | 95.70 | 1.08 | 106.97 | 1.03 | 116.94 | 1.00 |
| 124.44 | 1.30 | 128.00 | 1.52 | 129.61 | 1.92 | 129.62 | 2.99 |
| 130.11 | 3.03 | 130.73 | 1.90 | 131.23 | 1.94 | | |
| WF-52 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -5.86 | 1.80 | -3.53 | 1.66 | -2.81 | 3.19 | -2.27 | 3.19 |
| -2.27 | 2.38 | 0.00 | 2.13 | 2.02 | 2.27 | 2.11 | 1.06 |
| 3.84 | 0.75 | 3.85 | 1.13 | 4.18 | 1.06 | 4.45 | 0.77 |

Table 3.12 (11/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|--------|-------|
| 8.84 | 0.52 | 10.04 | -0.37 | 13.54 | -1.91 | 17.85 | -1.63 |
| 25.32 | -1.70 | 33.67 | -1.81 | 41.90 | -2.11 | 46.78 | -2.14 |
| 51.95 | -1.53 | 52.89 | -0.37 | 53.32 | 0.00 | 55.49 | 0.07 |
| 56.10 | 0.97 | 63.48 | 0.80 | 69.97 | 0.89 | 71.02 | 1.28 |
| 76.62 | 1.14 | 87.11 | 1.17 | 99.17 | 0.88 | 109.56 | 1.00 |
| 117.92 | 1.30 | 119.51 | 1.91 | 123.65 | 2.24 | 125.59 | 2.36 |
| 125.61 | 3.06 | 126.04 | 3.08 | 126.58 | 1.97 | 127.81 | 2.04 |
| WF-54 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -5.20 | 1.99 | -3.26 | 1.83 | -2.47 | 3.29 | -1.97 | 3.29 |
| -1.97 | 2.35 | 0.00 | 1.72 | 2.97 | 1.00 | 9.26 | 0.95 |
| 13.64 | 0.95 | 15.20 | 0.80 | 17.17 | -0.44 | 20.88 | -1.50 |
| 29.04 | -2.06 | 36.66 | -1.93 | 44.47 | -2.16 | 50.58 | -2.32 |
| 55.60 | -2.36 | 60.58 | -1.90 | 61.14 | -0.48 | 61.91 | -0.17 |
| 64.02 | 0.26 | 65.50 | 1.05 | 71.46 | 1.12 | 72.80 | 1.58 |
| 77.95 | 1.47 | 87.98 | 1.30 | 99.37 | 1.14 | 108.46 | 1.03 |
| 113.22 | 1.24 | 114.14 | 1.25 | 114.72 | 1.66 | 116.06 | 1.96 |
| 116.11 | 3.19 | 116.61 | 3.22 | 117.11 | 2.02 | 117.32 | 1.85 |
| WF-55 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -4.19 | 1.74 | -4.09 | 1.87 | -3.47 | 3.10 | -2.99 | 3.08 |
| -2.95 | 1.88 | -2.11 | 1.90 | -0.56 | 1.41 | 0.00 | 1.28 |
| 0.82 | 1.17 | 4.03 | 0.89 | 7.18 | 1.04 | 10.55 | 1.17 |
| 13.62 | 1.11 | 14.91 | 0.61 | 15.66 | -0.23 | 17.31 | -0.94 |
| 19.88 | -1.09 | 22.20 | -1.22 | 26.25 | -1.30 | 34.07 | -1.49 |
| 42.54 | -1.67 | 48.62 | -1.75 | 53.18 | -1.82 | 58.81 | -1.95 |
| 62.61 | -1.34 | 65.11 | -0.19 | 65.73 | 0.85 | 67.84 | 1.02 |
| 69.95 | 1.39 | 75.23 | 1.57 | 81.25 | 1.29 | 88.23 | 1.33 |
| 95.72 | 1.44 | 103.26 | 1.63 | 107.66 | 2.05 | 109.57 | 2.40 |
| 110.55 | 3.02 | 110.59 | 3.32 | 111.06 | 3.32 | 111.11 | 3.07 |
| 112.09 | 2.15 | | | | | | |
| WF-56 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -2.65 | 2.17 | -2.57 | 2.18 | -2.14 | 3.27 | -1.63 | 3.27 |
| -1.63 | 2.31 | 0.00 | 1.93 | 3.07 | 1.22 | 7.05 | 0.89 |
| 13.51 | 1.03 | 18.58 | 0.89 | 20.93 | -0.55 | 24.79 | -1.59 |
| 34.02 | -2.07 | 40.30 | -1.63 | 47.56 | -1.85 | 56.24 | -1.82 |
| 61.44 | -2.19 | 66.37 | -1.35 | 66.82 | -0.50 | 68.09 | 0.00 |
| 68.73 | 0.40 | 70.68 | 0.63 | 71.38 | 1.56 | 79.70 | 1.72 |
| 89.98 | 1.61 | 96.92 | 1.73 | 102.94 | 2.05 | 106.21 | 2.23 |
| 108.17 | 2.35 | 108.21 | 3.30 | 108.69 | 3.31 | 109.15 | 2.43 |
| 110.88 | 2.33 | | | | | | |
| WF-57 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -2.71 | 2.35 | -2.18 | 2.35 | -1.54 | 3.24 | -1.04 | 3.24 |
| -1.04 | 2.39 | 0.00 | 2.17 | 3.98 | 1.46 | 8.55 | 1.17 |
| 12.54 | 1.13 | 17.90 | 0.83 | 19.24 | -0.54 | 21.86 | -1.81 |
| 28.44 | -1.64 | 37.87 | -2.02 | 44.68 | -1.71 | 52.83 | -1.85 |
| 59.70 | -1.48 | 64.84 | -1.36 | 66.00 | -0.50 | 67.70 | 0.92 |
| 70.89 | 0.99 | 71.93 | 1.39 | 79.05 | 1.50 | 87.61 | 1.45 |
| 94.66 | 1.30 | 99.07 | 1.31 | 103.31 | 1.89 | 103.43 | 3.45 |

Table 3.12 (12/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|-------|-------|
| 103.84 | 3.46 | 104.22 | 2.44 | 105.50 | 2.54 | | |
| WF-58 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -2.60 | 2.41 | -2.40 | 2.37 | -1.83 | 3.22 | -1.32 | 3.22 |
| -1.31 | 2.38 | 0.00 | 2.13 | 1.88 | 1.76 | 4.28 | 1.31 |
| 8.86 | 1.05 | 14.37 | 1.12 | 16.96 | 0.43 | 18.58 | -0.48 |
| 21.28 | -2.01 | 33.85 | -2.19 | 41.37 | -2.18 | 47.97 | -1.96 |
| 54.92 | -2.20 | 58.48 | -2.06 | 60.70 | -0.47 | 62.00 | 0.66 |
| 69.85 | 1.54 | 78.60 | 1.24 | 86.03 | 1.17 | 91.55 | 1.54 |
| 93.38 | 2.10 | 95.89 | 2.30 | 97.32 | 2.37 | 97.33 | 3.50 |
| 97.82 | 3.52 | 98.18 | 2.55 | 98.43 | 2.56 | | |
| WF-60 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -18.01 | 2.30 | -12.85 | 2.54 | -11.62 | 2.88 | -6.97 | 2.89 |
| -2.38 | 3.03 | -1.89 | 2.87 | 0.00 | 2.55 | 0.75 | 2.55 |
| 1.08 | 3.40 | 1.58 | 3.40 | 1.58 | 2.85 | 6.01 | 1.35 |
| 13.16 | 1.05 | 13.88 | 0.45 | 16.70 | 0.20 | 17.46 | -0.55 |
| 21.11 | -2.31 | 25.32 | -2.31 | 32.63 | -1.98 | 40.64 | -2.06 |
| 48.95 | -1.93 | 54.79 | -2.02 | 57.73 | -1.40 | 59.84 | -0.55 |
| 60.54 | 0.78 | 62.71 | 1.01 | 63.02 | 1.59 | 70.69 | 1.77 |
| 78.97 | 1.26 | 85.62 | 1.54 | 86.71 | 1.89 | 87.94 | 2.18 |
| 89.28 | 2.80 | 91.04 | 2.79 | 91.06 | 3.55 | 91.53 | 3.59 |
| 91.98 | 2.66 | 92.05 | 2.55 | | | | |
| WF-61 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -1.99 | 2.73 | -1.55 | 2.69 | -1.30 | 3.54 | -0.80 | 3.54 |
| -0.80 | 2.89 | 0.00 | 2.66 | 1.56 | 1.94 | 3.39 | 1.48 |
| 8.29 | 1.16 | 12.68 | 1.27 | 13.39 | 0.15 | 15.42 | -0.49 |
| 16.75 | -1.66 | 20.48 | -2.64 | 26.65 | -2.53 | 31.86 | -2.31 |
| 36.71 | -2.02 | 40.66 | -1.97 | 46.87 | -1.94 | 52.42 | -2.11 |
| 54.03 | -0.58 | 54.54 | -0.28 | 55.99 | 0.52 | 59.70 | 1.11 |
| 60.69 | 1.50 | 69.79 | 1.58 | 77.08 | 1.37 | 83.89 | 1.65 |
| 84.47 | 1.98 | 86.56 | 1.94 | 88.11 | 2.46 | 88.68 | 2.70 |
| 88.77 | 3.56 | 89.22 | 3.62 | 89.68 | 2.79 | 90.85 | 2.91 |
| WF-62 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -2.13 | 2.74 | -1.82 | 2.79 | -1.25 | 3.59 | -0.75 | 3.59 |
| -0.75 | 2.96 | 0.00 | 2.66 | 3.15 | 1.60 | 5.84 | 1.42 |
| 9.05 | 1.09 | 10.04 | 0.21 | 13.12 | 0.26 | 14.07 | -0.50 |
| 16.39 | -2.30 | 19.02 | -2.68 | 24.82 | -2.42 | 29.10 | -1.99 |
| 34.76 | -2.27 | 41.93 | -2.18 | 47.17 | -2.21 | 50.92 | -1.92 |
| 52.61 | -0.48 | 53.97 | -0.31 | 54.89 | 0.99 | 57.61 | 1.08 |
| 58.79 | 0.74 | 61.49 | 1.12 | 62.23 | 1.49 | 65.36 | 1.44 |
| 77.97 | 1.73 | 79.41 | 2.05 | 85.15 | 2.21 | 86.64 | 2.34 |
| 87.54 | 3.20 | 88.50 | 3.39 | 88.52 | 3.63 | 88.95 | 3.66 |
| 89.23 | 3.04 | 89.40 | 2.97 | | | | |
| WF-64 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -6.77 | 3.42 | -4.87 | 3.33 | -4.63 | 3.79 | -4.18 | 3.76 |
| -4.14 | 3.17 | -3.47 | 3.16 | -2.76 | 2.39 | -2.01 | 2.07 |
| 0.00 | 1.78 | 3.85 | 1.55 | 5.50 | 0.45 | 7.92 | 0.06 |

Table 3.12 (13/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|-----------|-------|--------|-------|--------|-------|--------|-------|
| 9.28 | -0.52 | 10.26 | -2.08 | 12.41 | -2.78 | 16.60 | -2.52 |
| 20.73 | -2.31 | 29.49 | -2.40 | 35.58 | -2.23 | 38.72 | -2.11 |
| 41.44 | -2.11 | 45.14 | -1.91 | 49.46 | -2.25 | 49.87 | -0.49 |
| 50.29 | -0.14 | 53.89 | 0.54 | 55.80 | 1.55 | 63.89 | 1.56 |
| 71.95 | 1.59 | 77.60 | 2.36 | 82.97 | 2.91 | 85.04 | 3.10 |
| 86.95 | 3.56 | 87.03 | 3.77 | 87.52 | 3.79 | 87.97 | 3.84 |
| 88.05 | 3.68 | | | | | | |
| WF-65 Br. | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -10.00 | 4.68 | -6.76 | 4.82 | 0.00 | 4.59 | 0.00 | 3.14 |
| 1.30 | 3.14 | 1.30 | 2.68 | 6.21 | 2.29 | 7.50 | 1.99 |
| 9.07 | 1.18 | 13.03 | 0.28 | 13.65 | -0.45 | 14.11 | -0.83 |
| 15.00 | -1.49 | 17.17 | -1.61 | 24.33 | -2.11 | 31.17 | -1.41 |
| 31.17 | 3.28 | 33.42 | 3.26 | 33.42 | -1.47 | 40.32 | -1.93 |
| 48.18 | -1.87 | 54.57 | -1.68 | 56.47 | -1.13 | 57.08 | -0.41 |
| 58.24 | 0.00 | 59.30 | 0.67 | 60.78 | 1.62 | 63.47 | 1.93 |
| 63.47 | 3.29 | 65.77 | 3.31 | 65.77 | 1.94 | 79.19 | 2.10 |
| 85.72 | 2.32 | 92.09 | 2.66 | 95.70 | 3.22 | 95.70 | 3.42 |
| 96.86 | 3.42 | 96.86 | 4.69 | 97.09 | 4.69 | 98.10 | 4.63 |
| WF-66 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.46 | 4.38 | -13.32 | 4.24 | -8.76 | 4.36 | -4.21 | 4.47 |
| 0.00 | 4.21 | 3.61 | 2.62 | 9.03 | 1.61 | 14.63 | 1.42 |
| 16.52 | 0.58 | 18.05 | 0.48 | 18.88 | 0.00 | 20.62 | -0.44 |
| 20.94 | -1.00 | 22.81 | -2.25 | 24.35 | -2.29 | 28.39 | -2.03 |
| 33.72 | -2.06 | 37.76 | -1.96 | 45.84 | -2.03 | 55.47 | -1.86 |
| 56.95 | -1.38 | 58.28 | -0.48 | 59.32 | 0.37 | 60.93 | 0.88 |
| 61.47 | 1.29 | 63.65 | 1.63 | 64.21 | 1.87 | 74.64 | 1.93 |
| 80.58 | 2.27 | 81.76 | 2.94 | 86.90 | 3.45 | 88.28 | 3.63 |
| 89.16 | 3.95 | 91.30 | 4.14 | 91.43 | 4.20 | 95.21 | 4.28 |
| 98.79 | 4.18 | 98.86 | 4.11 | | | | |
| WF-67 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.42 | 4.26 | -11.97 | 4.35 | -7.30 | 4.49 | -3.00 | 4.52 |
| 0.00 | 4.24 | 1.10 | 4.24 | 4.26 | 2.17 | 9.32 | 2.23 |
| 11.97 | 1.50 | 15.92 | 1.53 | 20.93 | 1.36 | 22.08 | 0.35 |
| 24.81 | 0.30 | 26.48 | -0.44 | 27.81 | -2.04 | 31.38 | -1.97 |
| 34.85 | -2.02 | 40.03 | -2.09 | 42.01 | -1.81 | 48.79 | -2.13 |
| 54.04 | -2.28 | 57.98 | -2.41 | 62.74 | -1.15 | 63.10 | -0.51 |
| 63.50 | 0.47 | 65.33 | 0.76 | 65.83 | 1.41 | 69.55 | 2.03 |
| 69.84 | 1.70 | 76.71 | 2.15 | 81.35 | 2.85 | 82.37 | 3.56 |
| 85.04 | 3.83 | 87.23 | 4.15 | 88.36 | 4.19 | 88.52 | 4.26 |
| 92.27 | 4.35 | 96.08 | 4.28 | 96.10 | 4.19 | 97.31 | 4.20 |
| WF-68 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -12.79 | 4.75 | -12.69 | 4.75 | -12.31 | 4.77 | -11.94 | 4.79 |
| -11.84 | 4.79 | -11.72 | 4.60 | -7.17 | 4.65 | -3.35 | 4.65 |
| 0.00 | 4.52 | 0.99 | 4.41 | 5.67 | 1.82 | 10.85 | 1.66 |
| 17.09 | 1.71 | 22.45 | 1.56 | 26.19 | 1.32 | 26.86 | 0.65 |
| 29.67 | 0.36 | 30.70 | -0.41 | 32.83 | -2.15 | 36.95 | -2.08 |
| 43.38 | -2.09 | 50.87 | -2.23 | 59.14 | -2.23 | 63.29 | -2.27 |

Table 3.12 (14/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|-----------|--------|--------|-------|--------|-------|--------|-------|
| 67.85 | -1.19 | 68.27 | -0.43 | 70.52 | 1.56 | 77.37 | 2.44 |
| 80.89 | 3.80 | 83.25 | 4.13 | 84.39 | 3.96 | 87.74 | 4.07 |
| 87.83 | 4.12 | 92.01 | 4.11 | 95.26 | 4.06 | 95.35 | 4.00 |
| WF-70 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -15.09 | 5.10 | -14.62 | 5.10 | -14.22 | 5.13 | -14.12 | 5.13 |
| -13.99 | 4.90 | -8.92 | 4.89 | -4.89 | 4.86 | 0.00 | 4.90 |
| 1.15 | 4.72 | 5.02 | 2.45 | 12.60 | 1.89 | 19.27 | 2.07 |
| 25.13 | 1.92 | 31.81 | 1.15 | 33.68 | 0.28 | 36.69 | -0.49 |
| 38.09 | -1.86 | 40.39 | -2.53 | 43.99 | -2.50 | 49.93 | -2.61 |
| 55.58 | -2.71 | 61.51 | -2.86 | 65.46 | -1.85 | 67.87 | -1.04 |
| 68.10 | -0.50 | 69.16 | 1.14 | 70.77 | 1.42 | 71.95 | 1.84 |
| 76.97 | 2.30 | 80.78 | 3.50 | 85.78 | 3.79 | 91.14 | 3.69 |
| 94.47 | 3.79 | 102.90 | 3.96 | 102.90 | 4.05 | 106.89 | 4.04 |
| 110.36 | 3.97 | 111.71 | 3.90 | 114.06 | 3.93 | 114.77 | 4.00 |
| 115.60 | 3.98 | 115.87 | 4.01 | 116.44 | 4.16 | 119.47 | 4.21 |
| 133.84 | 4.23 | 136.31 | 4.36 | | | | |
| WF-71 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.32 | 5.13 | -12.92 | 5.22 | -12.42 | 5.15 | -12.32 | 5.15 |
| -12.09 | 4.86 | -6.74 | 4.78 | -3.03 | 4.73 | 0.00 | 4.69 |
| 0.78 | 4.66 | 4.89 | 2.34 | 12.23 | 2.00 | 19.54 | 2.03 |
| 27.94 | 1.82 | 32.48 | 1.28 | 33.39 | 0.81 | 35.98 | 0.42 |
| 37.14 | -0.38 | 39.49 | -1.75 | 42.91 | -2.77 | 47.63 | -3.05 |
| 56.05 | -2.95 | 61.27 | -2.79 | 64.96 | -2.61 | 68.85 | -1.02 |
| 69.35 | -0.46 | 69.97 | -0.06 | 72.17 | 0.61 | 73.17 | 1.97 |
| 77.49 | 1.91 | 80.64 | 2.66 | 86.03 | 3.16 | 90.26 | 3.41 |
| 91.39 | 3.60 | 98.88 | 3.93 | 15.47 | 3.78 | 108.36 | 3.84 |
| 108.54 | 3.86 | 112.35 | 3.92 | 115.93 | 3.85 | 116.02 | 3.83 |
| 117.55 | 3.77 | 117.66 | 3.40 | | | | |
| WF-72 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -44.70 | 4.98 | -36.37 | 4.98 | -36.37 | 5.51 | -36.07 | 5.51 |
| -36.07 | 2.89 | -31.37 | 3.48 | -30.48 | 4.08 | -28.83 | 4.39 |
| -25.72 | 3.75 | -19.93 | 3.56 | -16.68 | 2.21 | -11.46 | 1.97 |
| 0.00 | 1.82 | 8.46 | 1.70 | 15.28 | 1.00 | 25.50 | 0.55 |
| 30.95 | -0.29 | 33.25 | -0.52 | 35.28 | -1.25 | 37.45 | -2.33 |
| 41.52 | -3.41 | 46.42 | -3.46 | 51.01 | -3.46 | 55.00 | -3.20 |
| 58.33 | -2.83 | 62.49 | -2.08 | 64.79 | -1.17 | 66.04 | -0.49 |
| 67.61 | 0.62 | 68.73 | 0.97 | 70.11 | 1.49 | 76.86 | 1.79 |
| 82.44 | 2.36 | 92.39 | 2.88 | 93.95 | 3.46 | 97.38 | 4.07 |
| 102.41 | 4.12 | 113.00 | 4.14 | 113.26 | 3.97 | 115.04 | 3.93 |
| WF-73 Br. | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -6.29 | 5.83 | 0.00 | 6.04 | 0.00 | 4.09 | 0.59 | 4.09 |
| 0.59 | 1.94 | 6.27 | 2.08 | 10.94 | 2.14 | 13.56 | 1.44 |
| 15.00 | 0.26 | 17.42 | -0.77 | 18.24 | -1.23 | 20.17 | -2.31 |
| 20.57 | -2.44 | 20.57 | 4.14 | 22.14 | 4.14 | 22.14 | -2.44 |
| 22.59 | -2.46 | 27.81 | -2.82 | 35.21 | -2.44 | 41.32 | -1.51 |
| 47.86 | -1.03 | 54.88 | -1.16 | 55.89 | -0.44 | 56.90 | 0.17 |
| 56.90 | 4.13 | 58.40 | 4.13 | 58.40 | 1.38 | 58.68 | 1.42 |

Table 3.12 (15/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 63.46 | 1.75 | 68.05 | 1.78 | 72.25 | 2.25 | 73.55 | 2.41 |
| 76.89 | 2.44 | 76.89 | 4.09 | 77.48 | 4.09 | 77.48 | 6.10 |
| 87.80 | 5.55 | 96.36 | 5.02 | | | | |
| WF-74 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -17.26 | 5.12 | -15.37 | 5.04 | -12.79 | 5.15 | -12.39 | 5.15 |
| -12.24 | 4.47 | -12.09 | 4.22 | -11.08 | 4.12 | -8.44 | 4.19 |
| -4.82 | 4.14 | -2.73 | 4.07 | -2.64 | 4.35 | -2.00 | 4.36 |
| -1.95 | 4.51 | 0.00 | 4.33 | 1.51 | 4.25 | 5.72 | 3.22 |
| 9.79 | 2.62 | 10.67 | 2.46 | 17.27 | 2.21 | 19.03 | 1.73 |
| 19.93 | 0.62 | 21.14 | 0.48 | 22.65 | -0.45 | 24.79 | -1.26 |
| 27.19 | -1.63 | 32.03 | -1.73 | 38.34 | -1.78 | 45.41 | -1.76 |
| 51.80 | -1.91 | 57.27 | -1.86 | 60.49 | -0.60 | 71.39 | -1.03 |
| 76.37 | -0.59 | 81.02 | -0.06 | 81.23 | 1.96 | 81.73 | 1.96 |
| 82.06 | 1.99 | 86.96 | 4.35 | 87.82 | 4.55 | 92.54 | 4.66 |
| 92.56 | 4.74 | 95.66 | 4.80 | 11.06 | 4.58 | 101.39 | 4.44 |
| WF-75 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -28.44 | 3.19 | -26.54 | 3.26 | -26.42 | 4.99 | -26.05 | 5.00 |
| -25.20 | 5.03 | -24.86 | 5.04 | -24.69 | 3.09 | -24.17 | 2.65 |
| -22.68 | 2.54 | -20.85 | 3.07 | -19.91 | 3.66 | -19.39 | 4.02 |
| -19.17 | 4.01 | -17.12 | 4.03 | -13.96 | 4.14 | -11.05 | 4.04 |
| -3.70 | 4.01 | 0.00 | 4.06 | 1.49 | 3.65 | 3.67 | 2.43 |
| 10.68 | 2.08 | 11.59 | 1.51 | 16.03 | 1.17 | 17.02 | 0.55 |
| 19.75 | -0.40 | 21.26 | -1.80 | 25.00 | -2.00 | 29.99 | -1.89 |
| 35.81 | -1.91 | 44.20 | -2.20 | 50.57 | -2.08 | 53.63 | -1.75 |
| 53.99 | -0.41 | 54.22 | 0.01 | 57.68 | 0.88 | 58.05 | 1.48 |
| 59.40 | 1.83 | 64.33 | 2.36 | 70.99 | 2.98 | 71.81 | 3.39 |
| 74.46 | 4.11 | 76.15 | 4.42 | 76.96 | 4.93 | 82.90 | 5.11 |
| 83.05 | 5.13 | 85.86 | 5.23 | 88.89 | 5.18 | 89.24 | 5.08 |
| WF-76 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.30 | 4.18 | -10.21 | 4.33 | -7.17 | 4.23 | -3.77 | 4.20 |
| 0.00 | 4.18 | 3.31 | 4.38 | 6.06 | 2.51 | 12.32 | 2.12 |
| 17.07 | 2.26 | 20.11 | 2.19 | 22.98 | 1.42 | 25.80 | 0.77 |
| 27.67 | -0.38 | 29.59 | -2.02 | 34.05 | -1.79 | 39.86 | -1.92 |
| 45.43 | -2.04 | 51.14 | -2.17 | 58.24 | -2.20 | 60.76 | -0.41 |
| 63.84 | 0.76 | 64.69 | 1.73 | 66.10 | 2.32 | 72.41 | 2.99 |
| 72.45 | 3.02 | 74.91 | 4.39 | 76.20 | 4.64 | 78.10 | 5.16 |
| 82.47 | 5.26 | 86.59 | 5.28 | | | | |
| WF-77 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -17.88 | 3.08 | -15.02 | 3.86 | -13.59 | 4.26 | -11.75 | 4.23 |
| -8.54 | 4.49 | -5.51 | 4.36 | -1.90 | 4.39 | 0.00 | 4.36 |
| 0.94 | 4.23 | 4.64 | 2.39 | 9.04 | 2.29 | 15.26 | 2.23 |
| 21.37 | 2.32 | 25.91 | 1.67 | 30.43 | 0.50 | 31.39 | -0.60 |
| 33.67 | -1.67 | 37.08 | -1.76 | 45.54 | -2.01 | 51.05 | -1.96 |
| 59.46 | -2.40 | 63.18 | -2.35 | 65.98 | -1.00 | 66.51 | -0.40 |
| 67.94 | 0.38 | 69.22 | 1.77 | 71.92 | 2.34 | 72.28 | 2.81 |
| 75.99 | 3.29 | 78.16 | 4.68 | 84.32 | 4.97 | 86.85 | 4.98 |
| 92.31 | 5.12 | 92.47 | 5.18 | | | | |

Table 3.12 (16/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| WF-78 | | 50.00 | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -18.91 | 5.08 | -18.18 | 3.25 | -16.25 | 3.17 | -13.83 | 3.37 |
| -11.93 | 4.28 | -10.21 | 4.36 | -7.14 | 4.55 | -4.09 | 4.39 |
| -1.70 | 4.49 | 0.00 | 4.59 | 1.28 | 4.37 | 5.99 | 2.55 |
| 10.91 | 2.26 | 16.51 | 2.43 | 21.56 | 2.51 | 28.94 | 2.41 |
| 30.69 | 1.25 | 33.01 | 0.68 | 34.95 | -0.47 | 36.21 | -1.51 |
| 40.83 | -1.69 | 45.79 | -1.86 | 52.23 | -1.90 | 59.67 | -2.01 |
| 65.15 | -2.32 | 68.06 | -1.31 | 68.44 | -0.49 | 69.44 | 0.54 |
| 73.29 | 1.36 | 75.14 | 3.03 | 79.60 | 3.69 | 82.10 | 5.24 |
| 84.20 | 5.35 | 87.19 | 5.38 | 90.50 | 5.38 | 93.41 | 5.48 |
| WF-80 | | 100.00 | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -17.00 | 4.43 | -15.20 | 4.93 | -11.66 | 5.03 | -8.74 | 4.84 |
| -4.26 | 4.47 | 0.00 | 4.08 | 3.27 | 3.01 | 5.41 | 2.65 |
| 11.73 | 2.71 | 17.99 | 2.75 | 24.14 | 2.52 | 26.86 | -0.45 |
| 28.33 | -1.67 | 34.01 | -1.67 | 39.32 | -1.89 | 49.05 | -1.94 |
| 52.17 | -1.91 | 57.84 | -1.48 | 61.02 | -1.20 | 61.42 | -0.52 |
| 63.40 | 0.61 | 65.23 | 0.67 | 66.10 | 1.20 | 70.86 | 1.73 |
| 72.53 | 2.33 | 79.07 | 3.02 | 80.10 | 3.60 | 82.62 | 4.12 |
| 84.03 | 4.81 | 85.48 | 5.31 | 87.40 | 5.43 | 90.14 | 5.52 |
| 93.28 | 5.50 | 95.75 | 5.16 | | | | |
| WF-81 | | 50.00 | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -14.43 | 4.85 | -14.00 | 4.88 | -12.97 | 4.97 | -9.70 | 5.18 |
| -6.79 | 5.13 | -3.50 | 4.95 | 0.00 | 4.44 | 1.08 | 4.49 |
| 2.44 | 3.95 | 5.35 | 3.36 | 7.74 | 2.96 | 14.91 | 3.06 |
| 20.92 | 2.97 | 22.17 | 1.27 | 24.34 | 0.08 | 25.20 | -0.50 |
| 28.88 | -1.79 | 32.33 | -1.63 | 39.02 | -1.86 | 44.70 | -1.66 |
| 51.51 | -1.77 | 56.87 | -1.50 | 59.68 | -1.61 | 60.25 | -0.46 |
| 62.60 | 0.64 | 65.68 | 0.98 | 66.51 | 1.47 | 70.83 | 1.63 |
| 71.76 | 2.05 | 76.30 | 2.28 | 80.86 | 3.07 | 84.48 | 4.01 |
| 86.35 | 5.23 | 86.90 | 5.44 | 89.31 | 5.54 | 92.26 | 5.60 |
| 95.37 | 5.54 | | | | | | |
| WF-82 | | 50.00 | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -11.48 | 5.39 | -9.71 | 5.34 | -6.36 | 5.47 | -3.52 | 5.33 |
| 0.00 | 5.35 | 1.53 | 4.84 | 5.27 | 3.09 | 11.82 | 3.08 |
| 17.11 | 3.17 | 22.32 | 3.14 | 23.17 | 1.03 | 26.47 | -0.53 |
| 30.96 | -1.71 | 36.87 | -1.83 | 43.16 | -1.93 | 49.55 | -1.99 |
| 57.37 | -1.50 | 60.27 | -1.21 | 60.52 | -0.54 | 63.65 | 0.89 |
| 67.11 | 1.64 | 71.08 | 1.76 | 72.68 | 2.39 | 79.47 | 2.65 |
| 85.85 | 3.04 | 89.39 | 5.38 | 89.87 | 5.57 | 90.98 | 5.66 |
| 91.57 | 5.68 | | | | | | |
| WF-84 | | 100.00 | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.39 | 3.68 | -10.33 | 4.41 | -8.47 | 4.81 | -8.04 | 5.41 |
| -7.03 | 5.46 | -3.94 | 5.57 | -0.90 | 5.46 | 0.00 | 5.40 |
| 1.25 | 4.97 | 4.03 | 3.82 | 9.86 | 3.32 | 15.41 | 3.30 |
| 21.05 | 3.13 | 21.62 | 1.69 | 26.01 | 1.00 | 27.35 | -0.12 |
| 28.26 | -0.47 | 32.56 | -1.90 | 38.66 | -1.80 | 44.32 | -1.52 |

Table 3.12 (17/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|--------|-------|
| 52.50 | -1.75 | 57.45 | -1.40 | 59.14 | -1.38 | 60.68 | -0.53 |
| 61.41 | 0.54 | 63.93 | 0.69 | 64.56 | 1.47 | 69.25 | 2.14 |
| 76.11 | 2.29 | 80.30 | 3.28 | 88.82 | 4.44 | 91.49 | 5.67 |
| 92.59 | 5.85 | 94.19 | 5.84 | | | | |
| WF-85 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.74 | 4.50 | -12.42 | 4.82 | -12.21 | 5.42 | -11.01 | 5.42 |
| -7.80 | 5.56 | -4.80 | 5.38 | 0.00 | 5.01 | 0.54 | 5.02 |
| 2.73 | 3.73 | 6.83 | 3.35 | 12.05 | 3.33 | 17.93 | 3.11 |
| 20.12 | 0.79 | 23.15 | -0.40 | 3.05 | -1.58 | 39.79 | -1.65 |
| 44.65 | -1.74 | 49.03 | -1.61 | 54.43 | -1.27 | 56.44 | -1.10 |
| 57.83 | -0.51 | 58.86 | 0.81 | 62.50 | 1.86 | 68.19 | 2.30 |
| 75.88 | 2.80 | 81.57 | 3.95 | 86.73 | 5.05 | 87.60 | 5.67 |
| 88.58 | 5.94 | 89.83 | 5.96 | 92.84 | 6.02 | | |
| WF-86 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -12.26 | 3.88 | -8.64 | 4.92 | -8.55 | 5.52 | -8.28 | 5.54 |
| -7.11 | 5.56 | -3.74 | 5.70 | -0.91 | 5.54 | 0.00 | 5.53 |
| 1.17 | 5.34 | 3.91 | 3.66 | 9.21 | 3.29 | 14.18 | 3.28 |
| 22.19 | 3.05 | 24.94 | 0.86 | 27.56 | -0.17 | 31.09 | -1.66 |
| 36.39 | -1.77 | 45.99 | -1.90 | 50.35 | -1.82 | 57.02 | -1.78 |
| 60.69 | -1.28 | 61.07 | -0.17 | 62.21 | 0.41 | 66.33 | 1.34 |
| 68.60 | 2.22 | 77.07 | 2.49 | 77.76 | 3.07 | 84.93 | 5.06 |
| 93.20 | 6.17 | 94.26 | 6.08 | | | | |
| WF-87 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -16.08 | 5.80 | -12.30 | 5.75 | -5.95 | 5.83 | -2.87 | 5.59 |
| 0.00 | 5.43 | 0.30 | 5.43 | 4.12 | 3.48 | 9.51 | 3.55 |
| 15.67 | 3.36 | 19.84 | 2.28 | 23.00 | 1.82 | 24.96 | 0.75 |
| 25.89 | -0.17 | 28.37 | -1.61 | 34.82 | -1.63 | 38.99 | -1.90 |
| 44.95 | -1.86 | 50.48 | -1.92 | 56.83 | -1.77 | 59.41 | -1.52 |
| 61.54 | -0.25 | 62.92 | 0.42 | 64.75 | 1.13 | 66.16 | 2.27 |
| 74.78 | 2.99 | 78.32 | 3.85 | 84.53 | 5.46 | 87.31 | 5.91 |
| 91.44 | 5.99 | 94.47 | 6.09 | 97.26 | 6.06 | 99.81 | 6.22 |
| WF-88 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -11.20 | 4.79 | -10.81 | 5.47 | -6.45 | 5.73 | -3.56 | 5.59 |
| 0.00 | 5.30 | 1.18 | 4.89 | 3.07 | 3.86 | 9.21 | 3.58 |
| 14.19 | 3.59 | 18.77 | 2.98 | 19.85 | 1.88 | 25.47 | 1.52 |
| 28.26 | -0.21 | 29.56 | -1.64 | 33.84 | -1.59 | 41.79 | -1.66 |
| 49.00 | -1.80 | 55.06 | -1.81 | 59.40 | -1.32 | 60.63 | -0.20 |
| 62.39 | 0.49 | 64.18 | 1.54 | 73.31 | 2.62 | 76.74 | 3.66 |
| 83.32 | 4.83 | 87.69 | 5.59 | 89.28 | 5.97 | 90.58 | 5.99 |
| 90.71 | 6.02 | 93.59 | 6.11 | | | | |
| WF-90 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -12.50 | 4.37 | -11.87 | 5.84 | -10.39 | 5.60 | -9.37 | 5.61 |
| -6.14 | 5.81 | -3.12 | 5.78 | 0.00 | 5.63 | 1.68 | 5.24 |
| 5.73 | 3.98 | 14.95 | 3.57 | 20.24 | 3.09 | 25.92 | 2.09 |
| 27.43 | -0.27 | 31.99 | -1.54 | 33.15 | -1.54 | 43.03 | -1.69 |
| 49.58 | -1.74 | 53.54 | -1.94 | 57.75 | -1.56 | 59.76 | -0.28 |

Table 3.12 (18/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|--------|--------|-------|--------|-------|-------|-------|
| 60.00 | 0.23 | 63.04 | 0.93 | 63.62 | 1.51 | 69.84 | 2.15 |
| 70.08 | 2.58 | 75.82 | 2.97 | 79.70 | 4.73 | 83.68 | 5.92 |
| 87.24 | 5.95 | 90.23 | 6.16 | 90.41 | 6.25 | 93.39 | 6.40 |
| WF-91 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.37 | 4.24 | -11.15 | 4.62 | -10.12 | 5.24 | -9.98 | 5.74 |
| -5.50 | 5.91 | -2.48 | 5.71 | 0.00 | 5.42 | 1.04 | 4.96 |
| 3.89 | 3.78 | 10.25 | 3.30 | 19.78 | 3.20 | 26.04 | 2.66 |
| 28.52 | 2.26 | 30.60 | -0.24 | 34.26 | -1.69 | 41.81 | -2.00 |
| 48.36 | -1.96 | 55.42 | -1.56 | 59.35 | -1.48 | 63.70 | -1.14 |
| 63.81 | -0.27 | 64.32 | 0.12 | 66.56 | 1.71 | 70.35 | 1.91 |
| 77.47 | 3.01 | 87.41 | 3.59 | 90.45 | 6.01 | 91.67 | 6.30 |
| 93.46 | 6.43 | 96.49 | 6.63 | 99.57 | 6.57 | | |
| WF-92 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -12.94 | 4.41 | -11.41 | 4.37 | -8.17 | 5.80 | -6.53 | 5.80 |
| -3.90 | 5.87 | -1.01 | 5.73 | 0.00 | 5.65 | 1.60 | 5.36 |
| 5.56 | 3.97 | 10.81 | 3.38 | 16.60 | 3.34 | 22.78 | 3.31 |
| 28.69 | 2.94 | 29.30 | 2.44 | 32.30 | -0.26 | 37.70 | -1.30 |
| 42.78 | -2.11 | 49.91 | -1.87 | 57.27 | -1.57 | 61.94 | -1.32 |
| 63.59 | -0.23 | 67.51 | 1.84 | 72.99 | 2.61 | 80.78 | 3.35 |
| 87.57 | 4.57 | 90.21 | 6.21 | 94.40 | 6.35 | 94.49 | 6.41 |
| 97.34 | 6.63 | | | | | | |
| WF-93 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -11.75 | 4.52 | -9.32 | 5.33 | -7.64 | 5.98 | -4.68 | 6.06 |
| -1.54 | 6.01 | 0.00 | 5.67 | 1.74 | 5.25 | 8.47 | 4.05 |
| 14.44 | 3.83 | 19.82 | 3.55 | 22.38 | 2.70 | 24.05 | -0.03 |
| 25.05 | -0.47 | 26.84 | -1.76 | 30.86 | -1.75 | 36.74 | -1.59 |
| 41.92 | -1.47 | 48.16 | -1.53 | 52.92 | -1.23 | 57.90 | -1.26 |
| 59.52 | -0.44 | 60.99 | -0.01 | 65.00 | 1.57 | 71.04 | 2.79 |
| 75.78 | 3.27 | 83.62 | 4.71 | 88.83 | 6.45 | 90.56 | 6.53 |
| 92.35 | 6.52 | 95.42 | 6.61 | 98.27 | 6.61 | | |
| WF-94 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -12.00 | 4.68 | -9.54 | 7.01 | -5.14 | 7.09 | -1.17 | 6.94 |
| 0.00 | 6.98 | 0.38 | 3.98 | 0.38 | 5.96 | 2.48 | 5.79 |
| 5.71 | 4.25 | 10.35 | 3.64 | 15.88 | 3.54 | 21.31 | 2.79 |
| 21.92 | 1.69 | 23.92 | 1.49 | 26.96 | -0.50 | 30.73 | -1.80 |
| 35.42 | -1.73 | 39.89 | -1.34 | 46.06 | -1.72 | 52.56 | -2.06 |
| 57.32 | -1.85 | 62.30 | -1.29 | 63.37 | -0.49 | 64.31 | 0.53 |
| 67.63 | 1.05 | 68.64 | 1.68 | 73.03 | 2.51 | 78.50 | 3.16 |
| 83.48 | 6.26 | 84.84 | 6.55 | 87.47 | 6.69 | 91.54 | 6.65 |
| 91.65 | 6.71 | 94.68 | 6.79 | | | | |
| WF-96 | 100.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -7.18 | 4.85 | -5.50 | 4.63 | -2.84 | 5.36 | -1.94 | 6.20 |
| 0.00 | 6.28 | 0.20 | 6.27 | 4.30 | 3.64 | 7.98 | 3.52 |
| 14.89 | 3.61 | 21.67 | 3.55 | 27.10 | 3.28 | 31.84 | 3.32 |
| 35.26 | 3.06 | 37.42 | 2.62 | 38.59 | 0.47 | 38.97 | -0.17 |
| 40.76 | -0.85 | 44.49 | -1.12 | 50.76 | -0.94 | 58.52 | -0.57 |

Table 3.12 (19/19) COORDINATE OF CROSS SECTION AT WEST FLOODWAY

| | | | | | | | |
|--------|-------|--------|-------|-------|-------|--------|-------|
| 64.61 | -0.46 | 71.09 | -0.47 | 78.05 | -1.05 | 81.32 | -1.05 |
| 84.40 | -0.65 | 85.99 | -0.13 | 86.86 | 1.17 | 87.97 | 1.78 |
| 88.29 | 2.02 | 88.75 | 2.12 | 88.87 | 2.44 | 89.67 | 2.54 |
| 89.86 | 3.07 | 90.39 | 3.08 | 90.64 | 3.49 | 91.07 | 3.52 |
| 91.11 | 3.90 | 92.29 | 4.05 | 98.16 | 6.66 | 98.73 | 6.85 |
| WF-97 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.39 | 4.85 | -2.64 | 5.29 | -2.44 | 5.30 | -1.44 | 6.56 |
| 0.00 | 6.63 | 0.30 | 6.33 | 3.06 | 4.40 | 8.26 | 3.53 |
| 13.98 | 3.24 | 22.40 | 2.49 | 29.86 | 1.79 | 33.11 | 0.74 |
| 34.73 | -0.17 | 36.15 | -1.12 | 38.21 | -1.34 | 43.22 | -0.94 |
| 49.54 | -0.75 | 54.03 | -0.25 | 54.66 | 0.95 | 57.20 | 0.54 |
| 58.05 | -0.27 | 63.27 | -0.53 | 68.53 | -0.36 | 69.63 | 0.64 |
| 73.29 | 0.80 | 73.90 | -0.39 | 79.46 | -0.45 | 82.64 | -0.18 |
| 83.54 | 0.65 | 84.78 | -0.76 | 85.66 | 0.21 | 86.24 | 0.15 |
| 86.84 | 0.76 | 88.18 | 1.49 | 88.88 | 1.62 | 88.95 | 1.97 |
| 89.72 | 2.07 | 89.91 | 2.45 | 90.42 | 2.52 | 90.59 | 2.96 |
| 91.28 | 3.01 | 91.33 | 3.39 | 91.83 | 3.45 | 92.07 | 3.91 |
| 94.30 | 4.25 | 98.55 | 7.24 | 99.35 | 7.42 | 100.88 | 7.46 |
| 100.96 | 7.52 | 103.38 | 7.61 | | | | |
| WF-98 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -5.17 | 4.65 | -3.37 | 4.87 | -2.84 | 5.37 | -1.22 | 6.83 |
| 0.00 | 6.69 | 0.20 | 6.49 | 1.20 | 5.78 | 3.71 | 3.38 |
| 4.47 | 3.01 | 8.11 | 1.44 | 11.82 | -0.14 | 14.16 | -1.12 |
| 19.23 | -2.27 | 23.11 | -2.45 | 31.44 | -2.80 | 39.63 | -1.16 |
| 44.82 | -2.00 | 50.55 | -2.09 | 57.82 | -2.92 | 61.76 | -2.78 |
| 66.48 | -2.36 | 75.70 | -1.99 | 84.78 | -0.91 | 86.73 | -0.06 |
| 93.13 | 2.65 | 96.20 | 5.50 | 96.60 | 5.05 | 99.43 | 7.46 |
| 100.63 | 7.97 | 101.64 | 8.23 | | | | |
| WF-99 | 50.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -8.80 | 7.49 | -8.52 | 7.50 | -8.47 | 5.00 | -7.73 | 4.88 |
| -5.68 | 4.68 | -3.79 | 4.99 | -3.22 | 5.40 | -1.03 | 7.35 |
| 0.00 | 7.42 | 0.20 | 7.22 | 1.53 | 5.95 | 1.86 | 5.96 |
| 5.33 | 2.74 | 8.17 | 1.63 | 12.66 | 1.58 | 17.47 | 1.56 |
| 25.87 | 1.54 | 32.42 | 1.63 | 39.78 | 1.68 | 46.03 | 1.69 |
| 53.83 | 1.72 | 60.63 | 1.70 | 67.08 | 1.80 | 73.08 | 1.76 |
| 78.44 | 1.71 | 86.02 | 1.78 | 88.79 | 1.72 | 92.41 | 2.51 |
| 96.69 | 5.88 | 97.04 | 5.88 | 99.58 | 8.30 | 101.61 | 8.69 |
| 102.43 | 8.88 | 102.97 | 9.16 | | | | |
| WF-100 | 0.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.93 | 9.60 | 1.00 | 9.50 | 1.55 | 9.50 | 1.55 | 8.00 |
| 1.55 | 7.50 | 6.25 | 7.00 | 10.54 | 6.90 | 16.17 | 6.80 |
| 21.11 | 6.70 | 27.45 | 6.60 | 33.84 | 6.50 | 36.55 | 6.40 |
| 39.86 | 6.30 | 47.83 | 6.00 | 53.73 | 5.60 | 58.97 | 5.40 |
| 65.94 | 5.20 | 70.05 | 5.00 | 74.83 | 4.50 | 77.98 | 4.43 |
| 79.52 | 4.94 | 80.30 | 5.94 | 82.11 | 6.02 | 82.33 | 9.42 |
| 82.87 | 9.60 | | | | | | |

Table 3.13(1/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|
| WF-100 | 0.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.93 | 9.60 | 1.00 | 9.50 | 1.55 | 9.50 | 1.55 | 8.00 |
| 1.55 | 7.50 | 6.25 | 7.00 | 10.54 | 6.90 | 16.17 | 6.80 |
| 21.11 | 6.70 | 27.45 | 6.60 | 33.84 | 6.50 | 36.55 | 6.40 |
| 39.86 | 6.30 | 47.83 | 6.00 | 53.73 | 5.60 | 58.97 | 5.40 |
| 65.94 | 5.20 | 70.05 | 5.00 | 74.83 | 4.50 | 77.98 | 4.43 |
| 79.52 | 4.94 | 80.30 | 5.94 | 82.11 | 6.02 | 82.33 | 9.42 |
| 82.87 | 9.60 | | | | | | |
| WF-101 | 49.82 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -1.56 | 10.29 | -0.95 | 10.21 | -0.90 | 9.44 | 0.00 | 9.44 |
| 0.55 | 9.47 | 3.70 | 7.81 | 7.04 | 7.74 | 8.92 | 7.19 |
| 14.48 | 7.04 | 19.95 | 7.03 | 26.70 | 6.90 | 28.13 | 6.42 |
| 30.97 | 6.35 | 34.30 | 5.89 | 36.15 | 5.05 | 36.34 | 4.48 |
| 38.67 | 4.38 | 44.00 | 4.39 | 47.45 | 4.26 | 53.55 | 3.97 |
| 59.92 | 3.71 | 63.49 | 3.57 | 68.10 | 3.78 | 70.20 | 4.89 |
| 71.74 | 5.46 | 72.31 | 6.96 | 76.94 | 7.05 | 79.98 | 7.08 |
| 81.46 | 7.73 | 82.50 | 7.93 | 82.80 | 9.94 | 83.36 | 9.97 |
| 83.46 | 9.55 | 84.32 | 9.48 | 84.52 | 9.39 | 85.19 | 9.40 |
| 85.29 | 9.45 | 87.85 | 9.55 | 90.87 | 9.65 | 91.34 | 9.62 |
| WF-102 | 54.05 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.20 | 9.26 | -2.69 | 9.15 | -2.45 | 10.19 | -2.00 | 10.18 |
| -1.93 | 9.69 | 0.00 | 9.24 | 2.89 | 7.79 | 5.57 | 7.70 |
| 8.11 | 7.25 | 12.31 | 7.18 | 17.74 | 6.95 | 24.41 | 6.37 |
| 26.43 | 5.91 | 28.47 | 4.94 | 33.99 | 4.54 | 38.84 | 4.36 |
| 42.71 | 4.31 | 47.73 | 4.08 | 54.62 | 3.71 | 57.11 | 3.44 |
| 61.34 | 3.69 | 62.95 | 5.00 | 64.74 | 6.84 | 69.17 | 6.91 |
| 76.72 | 7.57 | 77.72 | 7.39 | 79.71 | 7.08 | 81.94 | 7.34 |
| 83.99 | 8.35 | 84.26 | 9.97 | 84.83 | 10.00 | 84.87 | 9.42 |
| 86.65 | 9.38 | 86.97 | 9.55 | 89.63 | 9.66 | | |
| WF-103 | 51.07 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.72 | 9.49 | -2.05 | 9.56 | -1.56 | 9.55 | -1.46 | 10.29 |
| -1.00 | 10.28 | -0.85 | 9.67 | 0.00 | 9.57 | 2.29 | 9.33 |
| 6.10 | 7.94 | 11.02 | 6.70 | 17.90 | 6.48 | 21.01 | 5.60 |
| 22.11 | 4.90 | 22.57 | 4.66 | 26.16 | 4.52 | 31.16 | 4.56 |
| 37.02 | 4.41 | 44.24 | 4.05 | 52.18 | 3.65 | 58.12 | 4.62 |
| 59.06 | 5.09 | 59.60 | 7.16 | 70.63 | 7.17 | 79.76 | 7.12 |
| 86.62 | 7.52 | 86.95 | 7.69 | 87.34 | 10.07 | 87.82 | 10.08 |
| 87.93 | 9.42 | 89.32 | 9.47 | 89.44 | 9.59 | | |
| WF-104 | 58.36 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -8.25 | 8.59 | -5.99 | 8.59 | -3.26 | 8.58 | -2.85 | 10.28 |
| -2.39 | 10.27 | -2.30 | 9.10 | 0.00 | 9.06 | 2.83 | 8.90 |
| 4.43 | 8.28 | 7.56 | 7.15 | 13.40 | 6.42 | 17.48 | 5.90 |
| 19.15 | 5.71 | 20.06 | 5.06 | 21.27 | 4.45 | 24.13 | 4.48 |
| 29.32 | 4.49 | 34.60 | 4.48 | 40.48 | 4.42 | 45.61 | 4.29 |
| 50.81 | 4.00 | 56.17 | 3.77 | 59.21 | 4.95 | 60.36 | 6.21 |
| 62.49 | 6.55 | 62.97 | 7.42 | 67.27 | 7.60 | 68.12 | 7.15 |

Table 3.13(2/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 71.38 | 7.46 | 73.07 | 7.87 | 78.39 | 8.17 | 78.72 | 10.19 |
| 79.20 | 10.18 | 79.34 | 9.77 | 80.12 | 9.67 | 81.27 | 9.63 |
| 83.78 | 9.76 | 86.75 | 9.85 | | | | |
| WF-105 | 50.64 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -6.34 | 8.78 | -3.38 | 8.77 | -2.84 | 10.35 | -2.38 | 10.34 |
| -2.34 | 9.16 | 0.00 | 9.19 | 2.58 | 9.35 | 6.02 | 8.79 |
| 10.83 | 8.34 | 11.08 | 7.65 | 13.41 | 7.26 | 16.96 | 6.63 |
| 20.00 | 5.65 | 21.59 | 4.99 | 22.17 | 4.67 | 24.66 | 4.40 |
| 31.48 | 4.48 | 44.60 | 4.37 | 54.46 | 4.34 | 59.79 | 4.35 |
| 63.60 | 4.30 | 64.00 | 5.06 | 64.52 | 5.51 | 67.73 | 7.13 |
| 68.17 | 7.65 | 70.61 | 8.00 | 72.32 | 8.17 | 72.62 | 10.22 |
| 73.10 | 10.22 | 73.22 | 9.58 | 74.97 | 9.53 | 76.40 | 9.62 |
| 76.49 | 9.65 | 82.11 | 9.85 | | | | |
| WF-106 | 47.42 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -12.54 | 8.78 | -7.22 | 8.82 | -3.69 | 9.04 | -3.32 | 10.43 |
| -2.85 | 10.43 | -2.76 | 10.04 | -2.04 | 10.04 | -1.97 | 9.34 |
| 0.00 | 9.10 | 3.24 | 9.01 | 7.53 | 8.69 | 12.82 | 7.50 |
| 17.67 | 6.97 | 21.84 | 6.05 | 22.85 | 5.04 | 23.94 | 4.26 |
| 26.97 | 4.21 | 31.94 | 4.32 | 38.15 | 4.37 | 42.20 | 4.26 |
| 47.17 | 4.35 | 56.06 | 4.33 | 62.37 | 4.22 | 63.64 | 5.06 |
| 64.55 | 5.96 | 67.33 | 8.45 | 68.84 | 8.96 | 70.45 | 9.38 |
| 71.63 | 9.50 | 71.72 | 10.31 | 72.29 | 10.34 | 72.39 | 9.84 |
| 75.15 | 9.53 | 82.26 | 9.49 | 87.22 | 9.31 | 90.17 | 9.29 |
| 91.12 | 9.29 | | | | | | |
| WF-107 | 52.02 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -14.38 | 9.67 | -11.29 | 9.57 | -11.21 | 9.41 | -11.12 | 9.40 |
| -10.99 | 9.53 | -8.29 | 9.48 | -5.87 | 9.50 | -2.55 | 9.61 |
| -2.40 | 9.47 | -1.88 | 9.46 | -1.87 | 9.76 | 0.00 | 9.62 |
| 2.59 | 9.43 | 6.69 | 9.33 | 11.78 | 7.82 | 17.18 | 7.64 |
| 22.45 | 7.01 | 24.30 | 6.20 | 25.31 | 5.92 | 26.01 | 5.16 |
| 27.52 | 4.54 | 30.78 | 3.96 | 37.26 | 4.25 | 42.27 | 4.18 |
| 50.85 | 4.22 | 56.37 | 4.06 | 62.51 | 4.29 | 64.28 | 5.08 |
| 66.85 | 7.00 | 68.62 | 7.55 | 69.67 | 7.90 | 70.44 | 8.35 |
| 71.09 | 9.06 | 72.14 | 9.98 | 72.86 | 11.24 | 74.23 | 11.42 |
| 76.07 | 10.75 | 79.91 | 10.78 | 85.58 | 10.74 | | |
| WF-108 | 53.95 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -14.56 | 11.13 | -8.59 | 11.08 | -2.58 | 11.04 | 0.00 | 10.95 |
| 0.37 | 10.85 | 0.37 | 10.50 | 1.82 | 10.50 | 2.19 | 9.23 |
| 6.77 | 8.89 | 11.91 | 5.50 | 17.86 | 7.80 | 21.12 | 6.72 |
| 22.73 | 5.08 | 25.28 | 3.69 | 28.92 | 3.38 | 35.08 | 3.65 |
| 40.61 | 3.84 | 45.21 | 4.10 | 48.94 | 4.28 | 56.20 | 4.48 |
| 59.16 | 5.11 | 62.17 | 5.27 | 62.61 | 6.82 | 67.34 | 7.30 |
| 73.67 | 11.71 | 74.77 | 11.84 | 76.05 | 11.96 | 76.88 | 11.58 |
| 77.18 | 11.58 | 83.23 | 11.74 | 89.90 | 11.73 | 89.97 | 11.70 |
| 90.20 | 11.70 | 90.30 | 11.17 | 90.82 | 11.15 | 90.95 | 11.76 |
| 91.30 | 11.74 | 91.35 | 12.55 | 91.44 | 13.28 | 91.53 | 13.35 |
| 91.61 | 13.37 | 91.72 | 13.29 | 91.76 | 12.55 | 93.85 | 12.70 |

Table 3.13(3/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| WF-109 | 43.23 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 13.14 | 2.84 | 13.12 | 4.41 | 11.92 | 9.71 | 10.89 |
| 14.43 | 9.11 | 19.32 | 8.36 | 24.98 | 7.67 | 26.21 | 6.38 |
| 30.52 | 5.13 | 32.38 | 3.20 | 38.39 | 3.37 | 42.88 | 3.86 |
| 47.16 | 4.16 | 51.82 | 4.28 | 56.33 | 4.74 | 60.96 | 4.86 |
| 64.55 | 4.75 | 66.80 | 5.13 | 73.83 | 9.50 | 76.65 | 12.04 |
| 78.01 | 12.46 | 78.75 | 12.27 | 79.31 | 12.06 | 79.88 | 12.04 |
| 85.18 | 12.16 | 91.03 | 12.23 | 91.54 | 12.27 | 91.72 | 12.18 |
| 91.84 | 11.69 | 92.36 | 11.69 | 92.53 | 12.20 | 92.75 | 12.20 |
| 92.98 | 13.22 | 93.32 | 13.20 | 93.39 | 13.03 | 94.26 | 13.13 |
| WF-110 | 49.48 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 0.00 | 13.91 | 0.70 | 13.68 | 1.44 | 13.09 | 3.55 | 12.29 |
| 4.79 | 10.41 | 7.99 | 9.43 | 8.79 | 5.17 | 11.94 | 3.74 |
| 15.82 | 3.74 | 18.18 | 3.72 | 21.25 | 3.70 | 24.01 | 3.66 |
| 24.69 | 3.75 | 27.29 | 3.97 | 32.58 | 4.37 | 37.95 | 4.66 |
| 44.34 | 5.06 | 48.25 | 5.56 | 53.04 | 7.38 | 57.39 | 12.28 |
| 59.08 | 12.51 | 60.14 | 12.40 | 60.30 | 12.23 | 66.02 | 12.29 |
| 71.71 | 12.34 | 71.85 | 12.31 | 72.17 | 12.31 | 72.51 | 12.31 |
| 72.61 | 11.79 | 73.16 | 11.84 | 73.29 | 12.31 | 73.40 | 12.31 |
| 73.43 | 13.40 | 73.71 | 13.36 | 73.92 | 13.29 | 75.97 | 13.28 |
| WF-111 | 48.32 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.34 | 12.32 | -11.10 | 12.18 | -6.60 | 12.37 | -2.85 | 12.01 |
| 0.00 | 11.85 | 1.00 | 11.84 | 2.22 | 11.34 | 6.37 | 10.91 |
| 7.80 | 9.61 | 9.01 | 8.26 | 10.69 | 7.17 | 15.14 | 7.06 |
| 15.46 | 6.46 | 17.72 | 6.09 | 18.75 | 5.06 | 20.04 | 3.86 |
| 24.22 | 2.59 | 29.77 | 3.21 | 35.34 | 2.80 | 41.86 | 3.95 |
| 48.36 | 4.88 | 50.16 | 5.01 | 52.70 | 5.10 | 56.37 | 6.27 |
| 62.35 | 6.84 | 67.98 | 7.74 | 70.54 | 9.10 | 71.78 | 10.02 |
| 74.59 | 10.38 | 76.86 | 10.50 | 76.90 | 11.47 | 77.03 | 11.47 |
| 77.07 | 10.38 | 81.15 | 10.45 | 84.83 | 10.51 | 90.05 | 10.57 |
| 96.58 | 10.44 | 97.59 | 10.49 | 97.82 | 10.49 | 97.96 | 9.93 |
| 98.50 | 9.93 | 98.63 | 10.46 | 98.95 | 10.46 | 99.47 | 11.08 |
| 106.46 | 12.07 | 111.97 | 12.25 | 114.55 | 12.25 | 114.69 | 12.32 |
| 114.76 | 11.93 | 114.89 | 11.93 | | | | |
| WF-112 | 32.93 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -13.50 | 10.00 | -12.64 | 10.00 | -9.93 | 10.00 | -6.88 | 10.00 |
| -5.20 | 10.00 | -3.06 | 10.34 | -0.53 | 10.32 | 0.00 | 10.35 |
| 0.40 | 10.28 | 1.56 | 9.32 | 4.10 | 8.11 | 6.06 | 7.81 |
| 8.29 | 7.81 | 9.79 | 7.81 | 12.38 | 7.81 | 15.53 | 7.33 |
| 16.18 | 8.04 | 17.33 | 8.16 | 19.36 | 7.86 | 23.33 | 7.48 |
| 27.07 | 7.30 | 27.73 | 6.53 | 33.91 | 5.11 | 35.86 | 2.92 |
| 39.26 | 1.78 | 44.71 | 3.74 | 48.13 | 4.13 | 51.75 | 4.56 |
| 56.76 | 4.64 | 60.93 | 4.65 | 64.60 | 4.55 | 68.35 | 4.56 |
| 72.83 | 4.57 | 77.38 | 4.60 | 81.08 | 4.55 | 84.41 | 5.04 |
| 85.33 | 6.14 | 86.85 | 6.49 | 89.30 | 6.51 | 89.54 | 7.36 |
| 90.65 | 7.82 | 94.76 | 8.35 | 97.73 | 9.19 | 97.94 | 9.69 |
| 98.67 | 9.88 | 99.78 | 9.90 | 104.18 | 10.01 | 110.42 | 10.55 |

Table 3.13(4/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 110.43 | 10.64 | 110.84 | 10.64 | 110.94 | 10.00 | 112.79 | 10.00 |
| 118.38 | 10.00 | | | | | | |
| WF-113 | 39.45 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 30.00 | 12.00 | 30.00 | 9.00 | 30.00 | 8.00 | 30.00 | 7.51 |
| 30.00 | 7.62 | 34.55 | 7.11 | 42.67 | 7.26 | 46.42 | 7.33 |
| 51.19 | 7.10 | 53.34 | 6.53 | 57.44 | 5.00 | 60.54 | 4.34 |
| 68.25 | 4.37 | 74.05 | 4.44 | 80.39 | 4.48 | 85.74 | 4.29 |
| 91.90 | 3.95 | 99.88 | 3.54 | 106.54 | 3.45 | 110.95 | 3.70 |
| 113.90 | 4.10 | 115.69 | 4.98 | 117.14 | 5.40 | 121.05 | 6.22 |
| 121.21 | 6.90 | 123.35 | 7.33 | 125.45 | 8.47 | 125.66 | 9.19 |
| 127.33 | 9.41 | 129.24 | 9.51 | 133.85 | 9.49 | 136.82 | 9.73 |
| 136.82 | 10.65 | 137.45 | 10.65 | 138.19 | 10.00 | 140.74 | 10.00 |
| 148.68 | 10.00 | | | | | | |
| WF-114 | 34.92 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 50.00 | 11.00 | 50.00 | 7.33 | 53.39 | 7.28 | 65.49 | 7.13 |
| 73.62 | 6.84 | 98.93 | 7.22 | 103.04 | 7.18 | 104.14 | 6.63 |
| 105.79 | 5.87 | 106.77 | 5.03 | 107.80 | 4.88 | 111.55 | 4.25 |
| 115.57 | 4.40 | 122.09 | 4.52 | 126.42 | 4.29 | 132.72 | 3.66 |
| 137.94 | 3.63 | 145.05 | 3.02 | 152.50 | 3.60 | 157.24 | 3.96 |
| 160.72 | 4.98 | 161.53 | 5.28 | 162.81 | 6.31 | 164.71 | 6.93 |
| 164.83 | 7.08 | 166.67 | 7.21 | 169.75 | 7.73 | 172.58 | 9.03 |
| 176.03 | 9.37 | 178.23 | 9.42 | 190.71 | 9.53 | 190.92 | 10.75 |
| 191.93 | 10.77 | 192.85 | 10.00 | 196.97 | 10.00 | 214.89 | 10.00 |
| WF-115 | 30.54 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 70.00 | 11.00 | 70.00 | 7.71 | 70.00 | 7.42 | 72.49 | 7.53 |
| 87.36 | 7.62 | 99.83 | 7.55 | 126.52 | 7.61 | 151.95 | 7.57 |
| 154.52 | 7.58 | 156.93 | 7.07 | 158.11 | 6.71 | 160.59 | 6.36 |
| 164.85 | 5.61 | 167.61 | 5.31 | 172.42 | 5.05 | 174.58 | 5.01 |
| 178.28 | 4.29 | 180.74 | 3.85 | 185.75 | 3.24 | 190.72 | 3.12 |
| 196.51 | 3.11 | 205.07 | 3.15 | 209.22 | 3.09 | 224.01 | 3.69 |
| 224.57 | 4.61 | 224.91 | 4.96 | 225.84 | 4.97 | 226.04 | 5.04 |
| 227.75 | 6.30 | 229.45 | 7.11 | 232.84 | 7.74 | 235.40 | 8.92 |
| 236.57 | 9.00 | 238.22 | 9.00 | 239.18 | 9.00 | 242.21 | 10.28 |
| 242.62 | 10.27 | 242.66 | 12.65 | 243.11 | 12.60 | 243.45 | 10.55 |
| 247.63 | 10.87 | | | | | | |
| WF-116 | 40.11 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 70.00 | 11.50 | 71.00 | 9.00 | 72.00 | 8.00 | 73.00 | 7.50 |
| 74.70 | 7.40 | 87.33 | 7.30 | 102.13 | 7.20 | 113.97 | 7.10 |
| 114.58 | 7.00 | 116.28 | 6.90 | 126.84 | 6.80 | 138.84 | 6.70 |
| 149.35 | 6.60 | 211.01 | 6.50 | 212.62 | 6.17 | 213.33 | 5.73 |
| 214.46 | 4.97 | 217.17 | 4.79 | 222.33 | 4.76 | 231.29 | 4.52 |
| 233.79 | 4.58 | 241.67 | 3.79 | 246.76 | 2.87 | 250.41 | 3.60 |
| 252.13 | 4.92 | 252.13 | 8.14 | 252.83 | 8.44 | 253.84 | 8.58 |
| 258.79 | 8.60 | 259.88 | 9.44 | 262.02 | 10.72 | 262.23 | 10.81 |
| 263.38 | 10.82 | 265.46 | 10.97 | 265.69 | 11.00 | 268.59 | 11.87 |
| WF-117 | 41.38 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |

Table 3.13(5/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 70.00 | 11.50 | 71.00 | 9.00 | 72.00 | 8.00 | 73.00 | 7.50 |
| 128.93 | 7.40 | 143.88 | 7.30 | 177.66 | 7.20 | 188.46 | 7.10 |
| 199.95 | 7.00 | 210.02 | 6.90 | 215.93 | 6.80 | 217.18 | 6.70 |
| 219.83 | 6.60 | 221.95 | 6.50 | 223.49 | 5.93 | 227.45 | 5.11 |
| 229.10 | 5.07 | 231.84 | 4.12 | 237.17 | 4.03 | 240.93 | 3.48 |
| 245.33 | 2.57 | 248.67 | 2.29 | 252.56 | 3.53 | 255.37 | 3.81 |
| 255.45 | 7.64 | 258.46 | 7.92 | 259.98 | 8.12 | 261.24 | 8.66 |
| 262.52 | 9.40 | 263.83 | 10.01 | 265.09 | 10.75 | 265.88 | 10.89 |
| 266.34 | 10.90 | 270.11 | 11.50 | | | | |
| WF-118 | 38.35 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 80.00 | 11.50 | 81.00 | 9.00 | 82.00 | 8.00 | 83.00 | 7.50 |
| 91.60 | 7.40 | 105.55 | 7.30 | 118.36 | 7.20 | 139.58 | 7.10 |
| 150.33 | 7.00 | 176.46 | 6.90 | 186.36 | 6.80 | 197.58 | 6.70 |
| 202.72 | 6.60 | 207.51 | 6.50 | 218.65 | 6.40 | 220.15 | 6.02 |
| 221.01 | 5.56 | 222.12 | 5.16 | 224.52 | 4.71 | 227.35 | 4.52 |
| 230.05 | 4.14 | 232.71 | 3.99 | 236.89 | 3.19 | 239.64 | 2.25 |
| 243.40 | 2.42 | 243.71 | 2.41 | 245.32 | 3.32 | 248.06 | 5.15 |
| 253.64 | 9.14 | 255.70 | 9.31 | 259.70 | 9.38 | 259.81 | 10.92 |
| 260.12 | 11.00 | 271.17 | 11.50 | | | | |
| WF-119 | 37.68 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 80.00 | 11.50 | 80.00 | 9.00 | 80.00 | 8.50 | 95.05 | 7.70 |
| 109.07 | 7.60 | 125.77 | 7.50 | 141.68 | 7.40 | 166.20 | 7.30 |
| 177.19 | 7.20 | 188.96 | 7.10 | 189.90 | 7.00 | 191.99 | 5.16 |
| 193.13 | 4.37 | 194.22 | 3.95 | 198.37 | 3.74 | 203.88 | 4.00 |
| 210.33 | 4.19 | 216.29 | 4.48 | 220.35 | 4.83 | 226.78 | 4.67 |
| 229.20 | 4.65 | 230.65 | 3.56 | 233.12 | 2.85 | 235.76 | 3.42 |
| 239.58 | 3.72 | 240.46 | 3.91 | 243.13 | 4.74 | 243.92 | 5.14 |
| 246.81 | 7.10 | 250.30 | 9.25 | 250.60 | 9.72 | 251.09 | 9.87 |
| 251.20 | 10.19 | 251.51 | 10.08 | 253.89 | 10.49 | 253.94 | 11.04 |
| 254.24 | 11.03 | 254.45 | 11.61 | | | | |
| WF-120 | 38.20 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 70.00 | 11.50 | 70.00 | 9.00 | 70.00 | 8.00 | 70.00 | 7.70 |
| 70.76 | 7.60 | 86.18 | 7.50 | 105.71 | 7.40 | 115.98 | 7.30 |
| 126.32 | 7.10 | 139.32 | 7.00 | 146.36 | 6.90 | 147.66 | 6.80 |
| 148.61 | 6.76 | 151.76 | 5.08 | 152.24 | 4.79 | 157.87 | 4.08 |
| 163.99 | 3.97 | 169.57 | 4.21 | 177.40 | 4.32 | 181.17 | 4.70 |
| 185.26 | 4.91 | 187.99 | 5.01 | 190.58 | 5.54 | 192.37 | 6.34 |
| 201.70 | 6.92 | 207.88 | 7.05 | 214.84 | 7.00 | 221.50 | 6.89 |
| 238.70 | 6.23 | 239.97 | 6.50 | 241.10 | 6.50 | 241.10 | 6.50 |
| 241.51 | 6.50 | 241.65 | 7.28 | 242.48 | 7.89 | 245.63 | 8.17 |
| 248.29 | 9.25 | 250.62 | 10.90 | 251.38 | 11.01 | 255.43 | 10.96 |
| 257.04 | 10.51 | 257.50 | 11.50 | | | | |
| WF-121 | 38.44 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 50.00 | 11.50 | 61.56 | 8.20 | 86.10 | 8.00 | 104.75 | 7.60 |
| 105.66 | 7.40 | 113.41 | 7.20 | 115.07 | 7.00 | 116.13 | 6.92 |
| 118.72 | 5.49 | 119.22 | 4.97 | 124.28 | 4.62 | 133.05 | 4.55 |
| 137.94 | 4.37 | 143.93 | 4.58 | 151.84 | 4.66 | 153.24 | 5.03 |

Table 3.13(6/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 153.74 | 5.48 | 155.92 | 6.73 | 164.48 | 7.38 | 181.03 | 7.40 |
| 188.51 | 7.55 | 196.31 | 7.60 | 205.73 | 7.68 | 210.00 | 7.70 |
| 210.00 | 7.80 | 210.00 | 8.00 | 210.00 | 9.00 | 210.00 | 11.50 |
| WF-122 | 37.78 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 50.00 | 11.50 | 50.00 | 9.00 | 50.00 | 8.00 | 62.66 | 7.80 |
| 65.06 | 7.60 | 80.86 | 7.40 | 85.25 | 7.20 | 88.54 | 7.00 |
| 90.66 | 6.40 | 92.16 | 6.20 | 92.71 | 5.94 | 93.76 | 4.84 |
| 94.42 | 4.70 | 102.57 | 4.92 | 113.54 | 4.62 | 119.99 | 4.22 |
| 125.10 | 4.15 | 128.16 | 4.84 | 130.03 | 6.15 | 132.48 | 6.50 |
| 132.94 | 6.80 | 141.27 | 7.00 | 148.29 | 7.30 | 177.34 | 7.40 |
| 196.42 | 7.50 | 200.00 | 7.60 | 200.00 | 9.00 | 200.00 | 11.50 |
| WF-123 | 32.27 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 40.00 | 11.50 | 40.00 | 9.00 | 40.00 | 8.50 | 40.00 | 8.40 |
| 43.24 | 8.30 | 48.93 | 8.29 | 53.89 | 8.03 | 58.06 | 7.94 |
| 68.18 | 7.29 | 71.45 | 5.85 | 71.80 | 4.90 | 74.83 | 4.92 |
| 79.14 | 5.06 | 83.75 | 4.98 | 87.90 | 4.93 | 91.73 | 4.91 |
| 99.65 | 4.42 | 103.94 | 4.29 | 106.57 | 4.46 | 109.69 | 5.19 |
| 109.97 | 5.96 | 111.36 | 6.55 | 111.96 | 7.20 | 119.91 | 7.40 |
| 161.00 | 7.50 | 168.25 | 7.60 | 170.00 | 9.00 | 170.00 | 11.50 |
| WF-124 | 30.87 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 20.00 | 11.50 | 20.00 | 9.00 | 20.00 | 8.87 | 20.45 | 8.59 |
| 28.47 | 7.85 | 34.70 | 7.50 | 43.99 | 7.43 | 46.78 | 7.25 |
| 49.52 | 6.91 | 52.27 | 6.07 | 53.41 | 5.15 | 59.29 | 5.01 |
| 64.32 | 4.79 | 70.86 | 4.72 | 76.79 | 4.78 | 87.08 | 4.36 |
| 90.06 | 5.19 | 92.26 | 7.16 | 92.56 | 7.50 | 96.29 | 7.80 |
| 112.13 | 7.90 | 124.77 | 8.00 | 140.00 | 8.27 | 140.00 | 11.50 |
| WF-125 | 32.80 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| 20.00 | 11.50 | 23.12 | 8.04 | 28.68 | 7.90 | 33.56 | 7.31 |
| 36.47 | 6.32 | 38.04 | 4.95 | 40.59 | 4.80 | 46.59 | 4.73 |
| 51.92 | 4.50 | 56.56 | 4.45 | 61.40 | 4.52 | 65.66 | 4.63 |
| 70.45 | 4.69 | 72.06 | 4.92 | 73.86 | 6.26 | 77.00 | 6.53 |
| 77.29 | 7.35 | 82.09 | 7.41 | 88.74 | 7.42 | 95.16 | 7.57 |
| 101.82 | 7.99 | 106.66 | 8.23 | 110.43 | 9.59 | 112.43 | 10.99 |
| 113.82 | 11.13 | 115.93 | 11.11 | 117.10 | 11.01 | 117.54 | 11.81 |
| WF-126 | 51.63 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -24.49 | 10.70 | -15.70 | 10.49 | -10.26 | 10.30 | -6.24 | 10.26 |
| -5.28 | 10.32 | -4.97 | 10.64 | -4.09 | 11.03 | 0.00 | 10.98 |
| 1.01 | 10.85 | 4.33 | 8.70 | 7.48 | 7.73 | 11.93 | 7.37 |
| 12.48 | 6.79 | 15.19 | 6.09 | 16.35 | 4.90 | 18.97 | 3.95 |
| 22.82 | 3.84 | 26.80 | 4.01 | 30.22 | 3.99 | 34.24 | 3.63 |
| 37.80 | 4.48 | 41.82 | 4.95 | 44.21 | 4.94 | 46.00 | 5.68 |
| 50.66 | 7.35 | 51.66 | 7.36 | 52.23 | 7.64 | 55.02 | 7.62 |
| 60.60 | 7.45 | 66.41 | 7.57 | 72.48 | 7.67 | 72.89 | 7.94 |
| 78.27 | 7.95 | 78.87 | 8.33 | 81.89 | 8.36 | 86.60 | 8.68 |
| 86.83 | 9.36 | 89.81 | 11.05 | 91.24 | 11.22 | 94.29 | 11.34 |
| WF-127 | 49.91 | | | | | | |

Table 3.13(7/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -22.51 | 10.73 | -15.71 | 10.72 | -10.62 | 10.71 | -6.21 | 10.68 |
| -6.09 | 10.43 | -5.68 | 10.30 | -4.37 | 10.25 | -3.00 | 11.02 |
| 0.00 | 10.94 | 0.89 | 10.88 | 2.65 | 9.57 | 5.53 | 8.44 |
| 7.77 | 4.93 | 9.63 | 4.21 | 12.73 | 3.97 | 16.00 | 3.96 |
| 19.23 | 4.10 | 23.24 | 4.30 | 27.25 | 4.23 | 30.54 | 4.61 |
| 34.83 | 4.97 | 41.51 | 5.20 | 43.25 | 6.23 | 46.42 | 6.79 |
| 48.87 | 7.61 | 52.06 | 7.53 | 57.93 | 7.40 | 64.62 | 7.78 |
| 70.25 | 8.06 | 76.25 | 8.27 | 81.72 | 8.32 | 88.14 | 8.24 |
| 94.01 | 8.26 | 101.04 | 8.31 | 104.19 | 8.74 | 108.89 | 9.85 |
| 110.60 | 10.77 | 111.51 | 10.91 | 114.58 | 10.91 | 117.57 | 10.79 |
| 118.57 | 10.44 | 119.39 | 10.09 | | | | |
| WF-128 | 39.09 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -26.28 | 10.68 | -18.25 | 10.60 | -11.60 | 10.48 | -7.61 | 11.06 |
| -6.21 | 11.11 | -5.36 | 10.59 | -4.19 | 10.36 | -3.15 | 10.46 |
| -1.97 | 11.14 | 0.00 | 11.06 | 0.63 | 11.03 | 4.39 | 7.23 |
| 6.52 | 6.68 | 8.58 | 4.97 | 11.36 | 4.18 | 15.73 | 4.46 |
| 20.11 | 4.62 | 25.41 | 4.77 | 30.66 | 4.76 | 36.20 | 4.57 |
| 42.15 | 4.91 | 43.73 | 6.39 | 48.52 | 6.91 | 53.68 | 7.21 |
| 58.92 | 7.21 | 64.79 | 7.43 | 71.33 | 7.65 | 76.81 | 7.85 |
| 82.46 | 8.08 | 90.40 | 8.13 | 95.91 | 8.18 | 102.11 | 8.19 |
| 106.84 | 8.12 | 113.21 | 8.02 | 117.93 | 7.91 | 124.04 | 8.09 |
| 130.00 | 8.68 | 130.00 | 8.80 | 130.00 | 9.00 | 130.00 | 11.00 |
| WF-129 | 38.38 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -8.47 | 10.00 | -8.25 | 10.00 | -7.12 | 10.00 | -5.12 | 10.93 |
| 0.00 | 11.12 | 0.80 | 11.16 | 0.80 | 11.56 | 1.58 | 11.56 |
| 1.58 | 10.41 | 6.63 | 10.46 | 10.44 | 10.14 | 10.56 | 9.27 |
| 12.01 | 9.28 | 12.71 | 8.25 | 15.81 | 7.60 | 16.83 | 6.27 |
| 17.76 | 4.92 | 19.66 | 3.61 | 23.85 | 4.09 | 29.15 | 4.10 |
| 35.79 | 4.52 | 40.34 | 4.08 | 47.30 | 4.87 | 54.35 | 4.95 |
| 55.88 | 5.13 | 62.69 | 5.49 | 68.22 | 5.78 | 72.28 | 6.71 |
| 78.66 | 6.98 | 84.62 | 6.90 | 90.99 | 6.90 | 94.82 | 7.00 |
| 102.66 | 7.30 | 110.85 | 7.40 | 113.62 | 7.50 | 121.76 | 7.60 |
| 131.07 | 7.71 | 138.44 | 7.72 | 140.00 | 9.00 | 140.00 | 11.00 |
| WF-130 | 29.50 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -22.90 | 10.56 | -18.56 | 10.61 | -13.99 | 11.07 | -10.13 | 11.12 |
| -6.94 | 11.21 | -1.69 | 11.02 | -1.48 | 11.55 | -0.94 | 11.56 |
| 0.00 | 10.35 | 3.56 | 10.14 | 6.52 | 10.17 | 7.42 | 10.17 |
| 7.56 | 9.00 | 9.15 | 8.03 | 10.90 | 7.77 | 13.31 | 6.08 |
| 13.84 | 5.36 | 14.89 | 5.06 | 14.96 | 5.08 | 15.15 | 3.88 |
| 17.89 | 2.40 | 21.39 | 2.38 | 26.16 | 3.81 | 27.61 | 3.17 |
| 30.66 | 4.33 | 34.01 | 4.80 | 36.73 | 5.36 | 41.54 | 6.04 |
| 48.47 | 6.80 | 56.26 | 6.90 | 65.93 | 7.00 | 73.48 | 7.10 |
| 82.28 | 7.20 | 103.15 | 7.30 | 104.37 | 7.40 | 112.97 | 7.50 |
| 119.27 | 7.60 | 124.80 | 7.81 | 140.00 | 7.89 | 140.00 | 11.00 |
| WF-131 | 45.49 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -14.53 | 11.18 | -9.70 | 11.20 | -3.74 | 11.15 | 0.00 | 10.76 |

Table 3.13(8/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 1.20 | 10.93 | 1.37 | 11.50 | 1.89 | 11.49 | 2.00 | 10.14 |
| 6.15 | 10.11 | 6.22 | 9.07 | 7.60 | 9.03 | 7.62 | 8.60 |
| 11.52 | 7.56 | 12.40 | 5.56 | 13.98 | 5.05 | 17.26 | 2.72 |
| 21.61 | 4.01 | 25.22 | 4.62 | 34.47 | 4.70 | 39.15 | 4.74 |
| 44.29 | 5.01 | 45.37 | 6.82 | 51.38 | 7.00 | 57.31 | 7.20 |
| 63.66 | 7.40 | 69.75 | 7.60 | 75.89 | 7.80 | 82.37 | 8.00 |
| 89.55 | 8.10 | 101.79 | 8.20 | 108.73 | 8.30 | 115.20 | 8.40 |
| 118.80 | 8.45 | 130.27 | 8.50 | 135.74 | 8.55 | 136.28 | 8.60 |
| 138.08 | 9.00 | 140.00 | 9.90 | 140.00 | 10.00 | 140.00 | 11.00 |
| WF-132 | 30.73 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -14.57 | 10.73 | -10.27 | 10.73 | -6.49 | 10.82 | -3.29 | 10.59 |
| 0.00 | 10.53 | 0.62 | 10.56 | 0.99 | 11.53 | 1.48 | 11.51 |
| 1.51 | 11.06 | 3.74 | 10.13 | 8.79 | 8.29 | 14.93 | 7.57 |
| 24.36 | 7.84 | 31.53 | 7.24 | 33.51 | 6.17 | 34.62 | 5.10 |
| 34.69 | 4.06 | 47.01 | 4.65 | 54.57 | 4.46 | 61.29 | 4.40 |
| 67.41 | 5.05 | 70.72 | 6.68 | 71.39 | 7.93 | 82.00 | 8.00 |
| 96.51 | 8.10 | 107.52 | 8.20 | 125.31 | 8.30 | 139.75 | 8.40 |
| 157.14 | 8.50 | 158.83 | 8.60 | 160.00 | 8.70 | 160.00 | 11.00 |
| WF-133 | 37.38 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -9.52 | 11.00 | -5.42 | 11.00 | -2.18 | 11.43 | 0.00 | 11.43 |
| 0.53 | 11.33 | 2.60 | 10.05 | 4.96 | 8.53 | 8.60 | 8.29 |
| 9.46 | 8.07 | 16.65 | 8.21 | 17.36 | 8.68 | 27.50 | 8.09 |
| 33.78 | 8.42 | 36.85 | 7.49 | 37.87 | 6.62 | 41.43 | 5.07 |
| 45.10 | 4.72 | 49.39 | 4.73 | 59.49 | 4.36 | 63.05 | 4.22 |
| 68.11 | 4.17 | 71.38 | 5.06 | 71.86 | 5.91 | 75.22 | 6.72 |
| 76.16 | 7.77 | 77.62 | 7.49 | 80.47 | 7.73 | 81.17 | 8.05 |
| 83.30 | 8.15 | 109.06 | 8.20 | 116.99 | 8.22 | 117.98 | 8.25 |
| 119.32 | 8.26 | 126.01 | 8.27 | 126.24 | 8.28 | 145.24 | 8.29 |
| 145.70 | 8.30 | 150.73 | 8.31 | 151.29 | 8.32 | 152.32 | 8.40 |
| 154.12 | 8.50 | 156.31 | 8.55 | 156.71 | 8.60 | 157.07 | 8.65 |
| 157.57 | 8.70 | 166.66 | 8.75 | 168.25 | 8.80 | 169.36 | 8.90 |
| 170.00 | 9.00 | 170.00 | 11.00 | | | | |
| WF-134 | 41.74 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -12.32 | 11.00 | -7.21 | 11.00 | -4.56 | 11.00 | -3.40 | 11.05 |
| -2.57 | 11.46 | 0.00 | 11.46 | 0.89 | 11.47 | 4.41 | 9.02 |
| 7.19 | 8.66 | 7.36 | 8.30 | 15.01 | 8.10 | 15.22 | 8.06 |
| 23.15 | 7.94 | 29.90 | 7.93 | 35.63 | 7.80 | 40.53 | 6.28 |
| 47.98 | 5.11 | 51.72 | 4.92 | 60.18 | 4.28 | 65.06 | 3.73 |
| 69.15 | 3.89 | 72.97 | 5.16 | 73.87 | 7.50 | 83.12 | 7.53 |
| 83.78 | 8.05 | 86.98 | 8.48 | 87.44 | 8.75 | 106.55 | 9.04 |
| 119.62 | 9.52 | 131.41 | 9.62 | 131.41 | 10.78 | 131.41 | 11.11 |
| WF-135 | 71.97 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -10.27 | 11.00 | -10.07 | 11.00 | -6.04 | 10.18 | -5.67 | 10.70 |
| -3.18 | 11.52 | 0.00 | 11.61 | 0.66 | 11.46 | 3.68 | 9.98 |
| 8.99 | 9.56 | 10.17 | 8.94 | 13.37 | 8.94 | 22.43 | 8.71 |
| 30.55 | 8.44 | 35.29 | 7.84 | 35.85 | 6.01 | 38.69 | 5.07 |
| 41.67 | 4.29 | 46.28 | 4.05 | 49.51 | 3.95 | 53.29 | 4.21 |

Table 3.13(9/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 57.60 | 4.31 | 64.22 | 5.02 | 65.36 | 5.27 | 77.73 | 6.41 |
| 90.87 | 7.11 | 94.66 | 7.89 | 95.41 | 8.84 | 97.92 | 9.26 |
| 101.12 | 11.12 | 103.69 | 11.25 | 105.58 | 11.25 | 106.26 | 10.91 |
| 107.21 | 10.27 | | | | | | |
| WF-136 | 58.20 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -16.39 | 12.00 | -11.29 | 12.02 | -9.40 | 12.57 | -7.96 | 12.13 |
| -3.84 | 12.38 | -1.25 | 12.49 | 0.00 | 12.45 | 0.61 | 12.37 |
| 2.90 | 10.84 | 11.09 | 10.44 | 15.98 | 10.04 | 19.46 | 10.09 |
| 21.36 | 9.88 | 22.52 | 9.17 | 25.32 | 8.44 | 27.37 | 6.23 |
| 27.83 | 5.00 | 29.31 | 4.42 | 35.39 | 4.11 | 38.48 | 4.20 |
| 41.77 | 4.43 | 48.27 | 4.96 | 53.78 | 5.15 | 58.89 | 7.08 |
| 61.18 | 8.05 | 67.78 | 8.16 | 69.82 | 8.16 | 73.22 | 8.16 |
| 78.59 | 8.16 | 78.75 | 8.16 | 81.36 | 8.16 | 83.01 | 8.20 |
| 87.48 | 8.25 | 93.40 | 8.30 | 98.12 | 8.35 | 104.98 | 8.40 |
| 109.65 | 8.45 | 110.00 | 8.50 | 110.00 | 9.00 | 110.00 | 12.00 |
| WF-137 | 89.68 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -25.39 | 12.00 | -17.52 | 12.00 | -14.37 | 12.91 | -6.39 | 12.99 |
| -0.67 | 13.26 | 0.00 | 13.23 | 4.62 | 11.89 | 7.95 | 11.60 |
| 18.18 | 11.01 | 19.46 | 9.94 | 22.07 | 6.79 | 26.07 | 5.17 |
| 27.33 | 5.01 | 30.65 | 4.48 | 32.50 | 4.25 | 35.03 | 4.29 |
| 41.05 | 4.51 | 45.20 | 5.01 | 51.54 | 5.74 | 52.96 | 6.69 |
| 55.60 | 7.26 | 69.52 | 8.00 | 83.63 | 8.50 | 86.01 | 8.60 |
| 109.50 | 8.70 | 111.19 | 8.80 | 119.92 | 8.90 | 127.28 | 9.00 |
| 130.00 | 10.00 | 130.00 | 10.60 | 130.00 | 10.70 | 130.00 | 12.00 |
| WF-138 | 72.48 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -19.87 | 12.00 | -15.81 | 12.00 | -11.07 | 12.45 | -6.39 | 13.16 |
| -4.16 | 13.27 | 0.00 | 13.38 | 1.17 | 13.24 | 2.25 | 12.71 |
| 13.07 | 11.75 | 18.84 | 11.02 | 26.26 | 10.62 | 31.66 | 9.16 |
| 38.53 | 7.68 | 39.79 | 6.94 | 42.35 | 5.22 | 50.30 | 4.76 |
| 57.35 | 5.16 | 62.15 | 5.07 | 69.89 | 4.91 | 75.56 | 4.66 |
| 81.24 | 4.37 | 86.21 | 5.21 | 98.94 | 6.37 | 106.23 | 9.37 |
| 110.12 | 9.39 | 113.71 | 10.91 | 115.73 | 11.20 | 117.52 | 11.25 |
| 122.48 | 11.28 | 130.87 | 11.30 | 150.00 | 11.50 | 150.00 | 12.00 |
| WF-139 | 61.75 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -26.86 | 13.04 | -22.67 | 13.15 | -16.19 | 13.14 | -5.59 | 12.48 |
| 0.00 | 12.03 | 4.30 | 11.79 | 10.41 | 11.67 | 12.01 | 11.31 |
| 15.58 | 9.78 | 17.11 | 8.11 | 32.24 | 7.98 | 36.19 | 7.72 |
| 43.47 | 8.42 | 44.93 | 8.25 | 49.98 | 8.23 | 54.18 | 6.79 |
| 65.73 | 6.27 | 73.19 | 5.65 | 82.71 | 5.46 | 90.75 | 5.26 |
| 94.13 | 5.07 | 95.97 | 4.92 | 98.35 | 4.68 | 102.41 | 4.40 |
| 105.73 | 4.94 | 106.54 | 5.19 | 107.62 | 5.62 | 109.08 | 6.80 |
| 110.16 | 9.00 | 116.42 | 9.20 | 124.60 | 9.47 | 136.03 | 9.50 |
| 144.15 | 9.80 | 150.00 | 12.40 | 150.00 | 12.93 | 150.00 | 13.24 |
| WF-140 | 61.59 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -31.34 | 13.00 | -24.43 | 12.80 | -18.81 | 12.86 | -18.20 | 13.43 |
| -10.23 | 13.34 | -1.33 | 13.04 | 0.00 | 13.12 | 5.66 | 13.07 |

Table 3.13(10/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 12.81 | 12.51 | 18.94 | 11.73 | 27.29 | 8.74 | 28.92 | 8.07 |
| 38.27 | 7.60 | 58.03 | 7.81 | 66.27 | 7.63 | 73.35 | 7.75 |
| 78.22 | 6.21 | 82.58 | 6.56 | 88.25 | 5.45 | 92.94 | 4.98 |
| 99.13 | 4.82 | 102.43 | 4.80 | 105.50 | 5.09 | 113.12 | 5.21 |
| 116.26 | 5.39 | 122.84 | 5.79 | 131.89 | 5.88 | 138.59 | 6.15 |
| 140.33 | 6.50 | 149.05 | 7.00 | 150.00 | 10.00 | 150.00 | 13.00 |
| WF-141 | 59.07 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -32.94 | 12.52 | -27.63 | 12.31 | -23.72 | 12.15 | -15.22 | 12.47 |
| -2.01 | 12.55 | 0.00 | 12.42 | 0.81 | 12.32 | 3.15 | 10.95 |
| 6.61 | 9.92 | 12.20 | 7.87 | 16.44 | 8.20 | 31.65 | 8.44 |
| 41.16 | 8.81 | 45.81 | 7.73 | 50.36 | 6.88 | 56.72 | 5.10 |
| 60.32 | 4.89 | 65.04 | 4.75 | 73.10 | 4.53 | 76.78 | 4.38 |
| 81.45 | 4.52 | 82.90 | 5.24 | 84.69 | 6.09 | 87.76 | 7.48 |
| 88.26 | 8.02 | 90.99 | 8.48 | 100.15 | 8.37 | 111.38 | 8.33 |
| 119.26 | 9.07 | 120.00 | 9.50 | 120.00 | 10.00 | 120.00 | 13.00 |
| WF-142 | 86.39 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -26.90 | 13.00 | -17.39 | 12.37 | -13.97 | 12.35 | -9.12 | 12.11 |
| -2.06 | 11.66 | 0.00 | 11.63 | 1.97 | 11.18 | 5.67 | 10.95 |
| 13.45 | 10.11 | 16.84 | 8.39 | 22.42 | 7.26 | 24.85 | 5.30 |
| 29.74 | 4.51 | 37.70 | 4.69 | 42.38 | 4.60 | 49.78 | 4.44 |
| 52.40 | 4.39 | 53.77 | 5.23 | 56.61 | 5.80 | 58.90 | 6.30 |
| 61.67 | 7.26 | 64.03 | 8.03 | 64.81 | 8.67 | 68.06 | 8.70 |
| 72.53 | 9.24 | 80.46 | 9.41 | 83.73 | 9.23 | 84.47 | 8.98 |
| 89.48 | 9.40 | 98.59 | 9.40 | 104.38 | 9.44 | 110.00 | 9.76 |
| 110.00 | 10.02 | 110.00 | 11.30 | 110.00 | 11.50 | 110.00 | 13.00 |
| WF-143 | 73.06 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -19.34 | 11.50 | -10.56 | 10.37 | -2.89 | 10.19 | 0.00 | 10.07 |
| 0.67 | 9.99 | 1.83 | 9.08 | 3.54 | 8.80 | 6.66 | 7.91 |
| 7.02 | 7.43 | 9.43 | 7.09 | 10.66 | 6.55 | 12.86 | 5.16 |
| 13.55 | 4.50 | 14.67 | 4.38 | 15.56 | 3.77 | 16.86 | 3.90 |
| 19.65 | 3.71 | 23.58 | 3.87 | 26.26 | 3.80 | 27.84 | 4.03 |
| 29.38 | 4.43 | 32.74 | 4.56 | 35.28 | 4.42 | 36.26 | 5.25 |
| 37.28 | 5.87 | 39.50 | 6.50 | 41.06 | 7.56 | 45.49 | 8.56 |
| 47.28 | 8.46 | 55.50 | 9.62 | 57.51 | 10.00 | 61.84 | 10.10 |
| 65.61 | 10.20 | 70.64 | 10.30 | 78.08 | 10.40 | 82.53 | 10.50 |
| 84.66 | 10.60 | 84.77 | 11.00 | 86.62 | 12.50 | 87.69 | 12.60 |
| 89.59 | 12.70 | 90.89 | 12.70 | 90.90 | 12.74 | 95.21 | 12.74 |
| 97.96 | 12.74 | | | | | | |
| WF-144 | 56.24 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -3.42 | 11.32 | -1.08 | 11.18 | 0.00 | 11.19 | 0.75 | 11.09 |
| 1.29 | 10.68 | 4.04 | 9.01 | 5.50 | 8.00 | 7.07 | 7.74 |
| 9.75 | 5.55 | 10.57 | 5.21 | 11.93 | 4.26 | 14.06 | 4.27 |
| 15.27 | 3.59 | 16.99 | 3.54 | 20.12 | 3.16 | 21.50 | 3.30 |
| 23.16 | 3.85 | 24.77 | 4.07 | 26.11 | 4.28 | 27.75 | 4.57 |
| 29.56 | 5.20 | 30.61 | 5.61 | 32.15 | 6.14 | 35.73 | 6.94 |
| 39.17 | 8.00 | 41.42 | 8.12 | 51.00 | 8.63 | 63.48 | 8.51 |
| 64.98 | 8.93 | 65.15 | 9.40 | 68.23 | 10.00 | 73.46 | 10.10 |

Table 3.13(11/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 79.02 | 10.20 | 82.87 | 10.30 | 85.31 | 10.50 | 85.35 | 11.00 |
| 85.54 | 11.56 | 86.92 | 12.50 | 87.35 | 12.60 | 89.00 | 12.70 |
| 92.12 | 12.80 | 93.52 | 12.90 | 95.11 | 12.99 | 95.23 | 12.99 |
| WF-145 | 46.89 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -11.73 | 11.36 | -2.24 | 11.61 | -2.16 | 11.38 | 0.00 | 11.33 |
| 0.75 | 11.07 | 3.13 | 10.41 | 8.44 | 8.16 | 10.53 | 6.34 |
| 11.92 | 6.19 | 12.32 | 5.14 | 13.86 | 4.05 | 14.97 | 4.00 |
| 15.94 | 3.89 | 17.96 | 4.29 | 20.83 | 4.36 | 24.59 | 4.48 |
| 28.49 | 4.47 | 32.79 | 4.73 | 35.40 | 4.92 | 36.91 | 5.23 |
| 37.70 | 5.67 | 40.32 | 7.61 | 41.78 | 8.15 | 42.22 | 7.90 |
| 43.49 | 8.10 | 55.22 | 8.48 | 64.15 | 8.53 | 74.88 | 8.90 |
| 82.92 | 8.60 | 90.35 | 10.42 | 98.60 | 10.57 | 102.07 | 10.96 |
| 102.10 | 11.64 | 102.34 | 11.65 | 104.09 | 13.13 | 104.66 | 13.22 |
| 106.70 | 13.30 | 108.74 | 13.21 | 111.25 | 13.07 | 112.49 | 13.00 |
| WF-146 | 36.18 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -31.34 | 11.52 | -22.91 | 11.09 | -12.89 | 10.51 | -1.57 | 10.23 |
| 0.00 | 10.05 | 1.01 | 9.70 | 1.65 | 9.18 | 5.10 | 8.52 |
| 5.67 | 7.88 | 8.38 | 6.44 | 9.68 | 5.77 | 9.78 | 5.20 |
| 11.38 | 4.61 | 13.86 | 4.51 | 17.98 | 4.48 | 22.10 | 4.57 |
| 25.79 | 4.68 | 29.42 | 4.57 | 31.71 | 4.97 | 33.29 | 5.18 |
| 34.56 | 5.47 | 36.89 | 6.83 | 37.34 | 7.90 | 40.28 | 9.25 |
| 47.45 | 9.42 | 61.89 | 9.83 | 73.70 | 9.77 | 90.73 | 11.00 |
| 90.79 | 11.68 | 91.35 | 11.92 | 92.74 | 13.17 | 93.34 | 13.17 |
| 95.07 | 13.18 | 96.67 | 13.31 | 98.06 | 13.00 | 99.39 | 13.00 |
| WF-147 | 42.44 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -21.26 | 11.24 | -16.77 | 11.08 | -5.16 | 10.90 | -1.01 | 10.42 |
| 0.00 | 10.30 | 0.91 | 10.03 | 2.78 | 9.71 | 3.93 | 9.15 |
| 5.85 | 7.50 | 6.48 | 6.59 | 7.92 | 5.99 | 8.07 | 5.69 |
| 8.91 | 5.25 | 9.69 | 4.99 | 11.12 | 4.76 | 12.27 | 4.31 |
| 14.39 | 4.51 | 16.02 | 4.56 | 18.91 | 4.74 | 21.36 | 4.99 |
| 26.31 | 4.95 | 30.21 | 4.77 | 34.04 | 4.52 | 35.27 | 5.22 |
| 42.93 | 8.84 | 44.66 | 8.57 | 45.08 | 8.41 | 51.99 | 8.71 |
| 57.44 | 8.99 | 62.40 | 9.11 | 67.45 | 8.88 | 72.45 | 9.78 |
| 75.10 | 10.65 | 79.36 | 10.85 | 82.52 | 10.93 | 82.54 | 11.82 |
| 82.82 | 11.84 | 84.33 | 13.03 | 84.74 | 13.09 | 86.13 | 13.11 |
| 87.46 | 13.09 | 88.72 | 12.97 | 91.69 | 13.00 | | |
| WF-148 | 50.31 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -25.09 | 13.21 | -21.85 | 12.90 | -6.09 | 11.95 | -1.02 | 11.78 |
| 0.00 | 12.02 | 0.67 | 11.94 | 1.47 | 11.38 | 3.04 | 10.57 |
| 8.07 | 10.30 | 8.52 | 9.77 | 9.85 | 9.47 | 10.91 | 8.43 |
| 13.27 | 7.67 | 16.54 | 6.73 | 18.52 | 5.58 | 18.65 | 5.20 |
| 19.45 | 4.43 | 20.68 | 4.09 | 22.40 | 3.63 | 25.58 | 3.47 |
| 28.15 | 3.45 | 30.37 | 3.54 | 31.70 | 4.06 | 33.47 | 4.21 |
| 35.20 | 4.58 | 37.21 | 5.09 | 40.73 | 5.21 | 43.40 | 5.45 |
| 45.70 | 6.07 | 47.66 | 6.91 | 50.19 | 7.73 | 50.52 | 8.34 |
| 55.63 | 9.28 | 60.48 | 9.44 | 66.77 | 9.76 | 67.26 | 10.32 |
| 70.06 | 10.75 | 73.93 | 10.81 | 77.22 | 11.07 | 78.55 | 11.57 |

Table 3.13(12/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 78.59 | 12.05 | 78.81 | 12.16 | 80.41 | 13.30 | 81.57 | 13.45 |
| 82.99 | 13.46 | | | | | | |
| WF-149 | 57.98 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -16.41 | 12.00 | -13.86 | 12.00 | -13.71 | 12.47 | -13.17 | 12.44 |
| -9.13 | 11.56 | -1.74 | 10.98 | 0.00 | 10.91 | 1.35 | 10.68 |
| 2.87 | 9.65 | 6.44 | 8.78 | 10.46 | 8.49 | 11.04 | 8.22 |
| 12.21 | 7.46 | 12.91 | 6.40 | 13.97 | 5.64 | 14.95 | 5.28 |
| 15.90 | 4.97 | 17.11 | 4.42 | 18.33 | 3.91 | 19.75 | 3.94 |
| 20.28 | 4.12 | 24.01 | 3.76 | 25.55 | 3.80 | 26.73 | 4.26 |
| 29.73 | 4.68 | 33.11 | 4.55 | 35.61 | 4.54 | 36.56 | 5.25 |
| 37.29 | 5.62 | 39.10 | 6.90 | 41.52 | 7.72 | 42.41 | 8.00 |
| 43.79 | 8.30 | 46.70 | 8.50 | 51.86 | 8.60 | 57.08 | 8.93 |
| 61.43 | 9.39 | 62.85 | 10.20 | 71.81 | 10.81 | 73.91 | 11.28 |
| 74.00 | 11.88 | 74.41 | 12.04 | 75.83 | 13.28 | 78.15 | 13.46 |
| 79.95 | 13.35 | | | | | | |
| WF-150 | 41.51 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -8.08 | 11.42 | -5.05 | 11.38 | -1.95 | 11.29 | -1.68 | 12.45 |
| -1.19 | 12.44 | -1.16 | 11.32 | 0.00 | 11.16 | 0.67 | 10.98 |
| 3.39 | 10.24 | 7.33 | 9.41 | 9.37 | 8.57 | 12.87 | 7.44 |
| 15.39 | 5.51 | 16.20 | 5.27 | 17.59 | 5.09 | 20.52 | 4.01 |
| 23.21 | 4.01 | 25.53 | 3.78 | 27.67 | 3.12 | 30.39 | 3.32 |
| 32.26 | 3.68 | 37.27 | 5.30 | 37.41 | 5.47 | 37.92 | 5.71 |
| 38.57 | 5.96 | 38.77 | 6.69 | 41.02 | 7.83 | 49.39 | 8.28 |
| 60.81 | 9.25 | 69.50 | 10.02 | 70.45 | 10.53 | 76.40 | 10.90 |
| 80.24 | 11.04 | 80.65 | 11.15 | 81.47 | 11.44 | 81.52 | 11.95 |
| 81.64 | 11.95 | 82.36 | 12.53 | 83.42 | 13.31 | 85.38 | 14.31 |
| 87.55 | 14.22 | 88.62 | 13.48 | | | | |
| WF-151 | 33.43 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -19.10 | 11.45 | -18.89 | 12.50 | -18.44 | 12.48 | -18.34 | 11.37 |
| -14.34 | 10.82 | -10.78 | 10.73 | -5.45 | 10.67 | -1.13 | 10.31 |
| 0.00 | 10.33 | 0.83 | 10.22 | 1.85 | 10.10 | 3.60 | 9.80 |
| 4.46 | 8.03 | 8.10 | 6.42 | 9.97 | 5.59 | 11.23 | 5.25 |
| 11.93 | 5.12 | 13.10 | 4.67 | 14.62 | 4.85 | 16.94 | 5.00 |
| 19.24 | 5.11 | 21.03 | 4.86 | 22.20 | 4.67 | 23.79 | 4.63 |
| 25.92 | 4.95 | 27.74 | 5.26 | 29.48 | 5.48 | 32.43 | 5.77 |
| 35.16 | 7.33 | 36.88 | 8.45 | 47.36 | 8.23 | 57.32 | 8.99 |
| 60.40 | 10.45 | 67.18 | 10.96 | 71.02 | 11.25 | 71.04 | 12.00 |
| 72.89 | 13.25 | 75.04 | 13.28 | 77.17 | 13.28 | 77.65 | 13.02 |
| 79.73 | 13.25 | 81.66 | 13.02 | 82.99 | 13.78 | | |
| WF-152 | 26.53 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -19.28 | 13.60 | -19.07 | 12.58 | -18.56 | 12.57 | -18.49 | 11.54 |
| -5.44 | 11.45 | -1.36 | 11.40 | -1.21 | 11.17 | 0.00 | 11.24 |
| 0.78 | 11.25 | 0.86 | 10.65 | 2.97 | 9.91 | 6.73 | 9.20 |
| 11.33 | 7.59 | 13.26 | 6.59 | 15.12 | 5.26 | 17.49 | 4.87 |
| 20.16 | 4.95 | 22.52 | 4.97 | 26.34 | 4.93 | 29.88 | 4.86 |
| 33.54 | 4.97 | 36.31 | 5.16 | 37.36 | 5.28 | 38.77 | 5.61 |
| 39.91 | 6.23 | 40.20 | 8.18 | 48.58 | 8.42 | 58.29 | 9.06 |

Table 3.13(13/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 60.40 | 10.46 | 64.69 | 10.75 | 70.32 | 11.44 | 70.34 | 12.04 |
| 72.15 | 13.38 | 81.46 | 13.31 | 83.53 | 13.82 | 89.90 | 13.38 |
| WF-153 | 40.92 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -30.72 | 13.56 | -28.86 | 12.00 | -27.13 | 11.69 | -15.49 | 11.64 |
| -11.51 | 12.68 | -10.82 | 12.35 | -1.66 | 11.67 | 0.00 | 11.55 |
| 1.39 | 11.40 | 3.10 | 11.34 | 6.24 | 10.81 | 6.72 | 9.71 |
| 7.72 | 8.95 | 13.08 | 8.65 | 17.12 | 8.29 | 18.58 | 7.65 |
| 20.31 | 7.45 | 23.32 | 7.01 | 24.53 | 6.65 | 25.93 | 6.32 |
| 27.52 | 5.69 | 32.55 | 5.41 | 33.32 | 5.32 | 34.78 | 5.17 |
| 36.38 | 5.02 | 40.98 | 4.84 | 48.44 | 4.99 | 51.22 | 5.01 |
| 54.10 | 5.09 | 55.58 | 5.57 | 56.54 | 6.12 | 57.15 | 8.04 |
| 60.35 | 8.13 | 60.90 | 8.49 | 61.67 | 8.64 | 62.13 | 8.87 |
| 63.21 | 9.15 | 65.32 | 10.62 | 74.78 | 11.02 | 76.00 | 11.30 |
| 76.01 | 12.06 | 76.34 | 12.20 | 77.73 | 13.40 | 80.15 | 13.49 |
| 81.78 | 13.46 | 84.77 | 14.00 | 89.01 | 14.00 | | |
| WF-154 | 45.81 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -45.79 | 13.51 | -45.59 | 12.65 | -45.11 | 12.63 | -40.98 | 11.46 |
| -31.43 | 9.68 | -25.05 | 9.10 | -15.88 | 8.91 | -4.39 | 8.57 |
| -1.04 | 8.45 | 0.00 | 8.48 | 0.91 | 8.42 | 4.84 | 7.92 |
| 5.46 | 7.27 | 6.10 | 7.27 | 8.95 | 5.82 | 10.93 | 5.56 |
| 11.35 | 5.24 | 12.30 | 4.95 | 13.44 | 4.89 | 16.85 | 4.87 |
| 19.57 | 4.94 | 22.71 | 4.80 | 25.58 | 4.62 | 28.29 | 4.75 |
| 31.68 | 4.67 | 33.10 | 4.96 | 34.68 | 5.48 | 36.03 | 6.37 |
| 37.08 | 6.73 | 38.37 | 8.68 | 39.61 | 9.30 | 39.81 | 9.67 |
| 40.21 | 9.67 | 42.65 | 10.39 | 42.95 | 10.79 | 46.47 | 11.31 |
| 46.51 | 11.99 | 48.26 | 13.51 | 50.46 | 13.64 | 52.54 | 13.59 |
| 55.41 | 13.50 | 61.33 | 13.50 | | | | |
| WF-155 | 51.76 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -50.29 | 13.26 | -49.12 | 11.55 | -44.40 | 9.20 | -35.78 | 9.10 |
| -29.74 | 9.00 | -25.38 | 8.90 | -19.52 | 8.80 | -16.57 | 8.70 |
| -10.78 | 8.65 | -3.54 | 8.60 | -0.94 | 8.50 | 0.00 | 8.40 |
| 0.62 | 8.30 | 2.31 | 8.20 | 5.35 | 8.10 | 8.09 | 7.69 |
| 10.75 | 6.73 | 11.78 | 5.38 | 13.54 | 5.26 | 13.91 | 5.07 |
| 15.04 | 4.81 | 16.85 | 4.98 | 18.74 | 4.76 | 20.68 | 4.36 |
| 23.06 | 4.47 | 25.52 | 4.37 | 28.45 | 4.64 | 32.29 | 4.58 |
| 33.39 | 4.72 | 34.40 | 5.34 | 35.44 | 6.18 | 36.73 | 6.57 |
| 39.31 | 8.05 | 40.63 | 10.35 | 44.08 | 10.55 | 49.07 | 10.77 |
| 54.40 | 10.92 | 54.53 | 12.20 | 54.83 | 12.32 | 56.43 | 13.69 |
| 57.15 | 13.76 | 58.61 | 13.81 | 60.66 | 13.82 | 63.81 | 13.84 |
| WF-156 | 54.54 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -50.00 | 13.32 | -49.06 | 11.32 | -45.89 | 10.52 | -40.04 | 10.37 |
| -27.60 | 10.24 | -19.63 | 10.16 | -12.04 | 9.77 | -4.80 | 9.42 |
| -4.26 | 9.15 | 0.00 | 8.82 | 0.52 | 8.73 | 2.54 | 7.92 |
| 4.51 | 6.38 | 6.37 | 5.77 | 6.86 | 5.27 | 7.51 | 5.01 |
| 9.07 | 4.63 | 11.30 | 4.49 | 13.65 | 4.85 | 17.07 | 4.82 |
| 23.06 | 4.48 | 24.44 | 4.75 | 26.72 | 4.84 | 27.91 | 5.34 |
| 32.74 | 7.82 | 34.52 | 8.37 | 36.35 | 8.64 | 39.10 | 9.97 |

Table 3.13(14/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 41.83 | 10.50 | 48.15 | 10.60 | 51.51 | 10.80 | 57.78 | 10.92 |
| 67.92 | 11.04 | 68.04 | 12.30 | 69.98 | 13.84 | 72.37 | 13.92 |
| 74.53 | 14.50 | 78.16 | 14.50 | 81.86 | 14.50 | 83.07 | 14.50 |
| WF-157 | 56.07 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -43.11 | 12.80 | -42.08 | 12.80 | -41.79 | 12.79 | -41.32 | 12.79 |
| -41.26 | 11.77 | -33.18 | 11.56 | -23.79 | 10.35 | -12.40 | 9.58 |
| -1.95 | 9.01 | 0.00 | 8.84 | 1.63 | 8.60 | 4.64 | 8.12 |
| 4.88 | 7.20 | 6.15 | 6.93 | 9.21 | 5.55 | 10.23 | 5.32 |
| 11.79 | 5.21 | 14.09 | 5.00 | 16.93 | 5.06 | 19.25 | 5.05 |
| 22.04 | 5.12 | 24.75 | 4.66 | 27.18 | 4.57 | 29.67 | 4.98 |
| 30.53 | 5.32 | 31.87 | 5.91 | 33.97 | 7.23 | 41.14 | 9.03 |
| 44.78 | 9.46 | 49.34 | 10.13 | 50.42 | 11.03 | 54.34 | 11.05 |
| 58.69 | 11.10 | 64.41 | 11.32 | 70.50 | 11.36 | 72.40 | 11.39 |
| 72.46 | 12.42 | 72.72 | 12.56 | 74.51 | 13.98 | 75.16 | 14.03 |
| 76.55 | 14.16 | | | | | | |
| WF-158 | 50.23 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -37.35 | 13.86 | -37.03 | 10.34 | -35.40 | 9.60 | -24.50 | 9.50 |
| -22.19 | 9.45 | -21.58 | 9.40 | -17.04 | 9.35 | -8.81 | 9.30 |
| -5.97 | 9.20 | -3.24 | 9.11 | 0.00 | 9.02 | 0.80 | 8.90 |
| 1.38 | 8.21 | 4.93 | 7.40 | 5.98 | 7.33 | 7.49 | 5.90 |
| 8.61 | 5.31 | 8.80 | 4.61 | 12.87 | 4.94 | 16.22 | 4.95 |
| 20.15 | 5.08 | 23.61 | 4.97 | 29.05 | 5.04 | 30.14 | 5.31 |
| 30.63 | 5.67 | 36.55 | 6.90 | 39.50 | 8.60 | 44.18 | 9.18 |
| 50.11 | 9.50 | 54.32 | 10.13 | 56.35 | 10.80 | 60.31 | 11.10 |
| 65.45 | 11.22 | 72.18 | 11.26 | 77.93 | 11.52 | 78.01 | 12.43 |
| 78.29 | 12.53 | 79.90 | 14.03 | 80.64 | 14.17 | 82.05 | 14.20 |
| 83.99 | 14.30 | 87.23 | 14.46 | | | | |
| WF-159 | 48.58 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -26.44 | 13.50 | -24.40 | 13.17 | -23.37 | 12.65 | -20.83 | 12.36 |
| -20.67 | 12.57 | -18.21 | 10.83 | -11.71 | 9.97 | -6.59 | 9.50 |
| -6.12 | 9.40 | -4.34 | 9.30 | -1.06 | 9.20 | 0.00 | 9.10 |
| 2.22 | 9.07 | 3.34 | 8.50 | 3.99 | 7.81 | 6.71 | 6.92 |
| 7.86 | 5.66 | 8.23 | 5.32 | 9.16 | 5.09 | 10.66 | 4.97 |
| 12.52 | 4.62 | 23.04 | 4.88 | 25.41 | 4.75 | 26.42 | 4.77 |
| 27.21 | 5.31 | 29.01 | 6.61 | 30.27 | 7.83 | 37.53 | 8.22 |
| 38.34 | 8.91 | 45.63 | 9.71 | 53.99 | 10.89 | 63.30 | 11.38 |
| 68.99 | 11.40 | 69.33 | 11.45 | 74.57 | 11.56 | 78.19 | 11.59 |
| 78.31 | 12.52 | 80.00 | 14.08 | 81.89 | 14.12 | 83.81 | 14.21 |
| 87.08 | 14.25 | 91.18 | 14.89 | | | | |
| WF-160 | 59.56 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -23.53 | 14.37 | -22.39 | 13.39 | -22.39 | 11.51 | -18.28 | 10.18 |
| -16.51 | 10.18 | -14.42 | 10.18 | -10.73 | 10.75 | -5.03 | 10.51 |
| -3.20 | 9.90 | -1.23 | 9.45 | 0.00 | 9.27 | 2.98 | 8.59 |
| 4.23 | 7.67 | 5.71 | 6.08 | 6.80 | 5.31 | 7.40 | 5.11 |
| 9.49 | 5.12 | 11.67 | 5.21 | 16.46 | 5.08 | 21.01 | 5.08 |
| 23.78 | 5.08 | 27.48 | 5.26 | 29.11 | 5.42 | 30.05 | 6.92 |
| 31.54 | 7.12 | 33.12 | 8.03 | 37.25 | 9.23 | 41.75 | 10.00 |

Table 3.13(15/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 43.96 | 9.34 | 46.10 | 9.81 | 51.53 | 9.98 | 52.22 | 10.60 |
| 52.70 | 11.16 | 59.53 | 11.16 | 71.32 | 11.47 | 77.47 | 11.51 |
| 80.67 | 11.59 | 80.83 | 12.53 | 82.53 | 14.22 | 85.98 | 14.31 |
| 86.62 | 14.31 | 91.58 | 14.31 | | | | |
| WF-161 | 32.01 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -29.74 | 14.78 | -29.19 | 14.26 | -27.90 | 14.23 | -27.85 | 13.99 |
| -21.69 | 13.89 | -18.32 | 13.58 | -13.63 | 13.28 | -12.90 | 12.60 |
| -11.11 | 11.87 | -8.82 | 11.25 | -2.26 | 11.03 | 0.00 | 10.92 |
| 0.66 | 10.81 | 1.24 | 10.55 | 5.65 | 10.09 | 6.07 | 9.29 |
| 6.55 | 9.07 | 9.66 | 5.64 | 10.44 | 5.38 | 10.87 | 5.21 |
| 15.96 | 4.81 | 17.85 | 4.89 | 20.19 | 4.58 | 21.58 | 4.90 |
| 25.60 | 5.28 | 29.30 | 5.23 | 31.12 | 5.17 | 32.02 | 5.41 |
| 32.59 | 6.34 | 35.55 | 7.49 | 38.88 | 8.37 | 39.23 | 8.95 |
| 50.92 | 9.57 | 53.35 | 9.93 | 59.50 | 10.89 | 63.79 | 11.02 |
| 79.29 | 11.64 | 84.15 | 11.98 | 84.22 | 12.61 | 84.64 | 12.76 |
| 86.01 | 14.05 | 88.05 | 14.24 | 89.95 | 14.25 | 94.63 | 14.61 |
| WF-162 | 56.37 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -18.42 | 15.15 | -15.04 | 15.05 | -13.57 | 14.91 | -5.53 | 14.78 |
| -4.15 | 14.60 | 0.00 | 14.50 | 1.36 | 14.43 | 2.92 | 12.17 |
| 4.35 | 11.76 | 7.74 | 10.68 | 9.86 | 9.25 | 11.20 | 8.48 |
| 16.21 | 6.12 | 19.95 | 6.17 | 21.76 | 6.68 | 23.75 | 6.01 |
| 23.96 | 5.43 | 24.00 | 4.82 | 24.68 | 4.30 | 25.94 | 4.16 |
| 26.70 | 4.08 | 27.17 | 4.07 | 27.65 | 4.36 | 28.54 | 4.31 |
| 30.66 | 4.59 | 31.29 | 4.78 | 32.12 | 4.99 | 32.43 | 5.34 |
| 34.98 | 5.15 | 35.80 | 5.44 | 38.74 | 4.99 | 39.47 | 5.15 |
| 40.11 | 5.46 | 41.76 | 6.44 | 45.67 | 7.80 | 46.31 | 7.91 |
| 48.10 | 8.38 | 51.95 | 9.29 | 54.64 | 9.86 | 57.73 | 9.87 |
| 60.73 | 10.04 | 61.02 | 10.38 | 61.80 | 10.79 | 64.11 | 11.04 |
| 69.92 | 11.05 | 86.88 | 11.26 | 89.06 | 11.80 | 96.98 | 11.88 |
| 97.06 | 12.65 | 97.17 | 12.65 | 98.79 | 14.20 | 99.23 | 14.24 |
| 101.12 | 14.39 | 102.93 | 14.30 | | | | |
| WF-163 | 52.35 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -29.73 | 15.13 | -28.72 | 15.10 | -26.49 | 15.09 | -24.35 | 15.02 |
| -21.17 | 15.09 | -18.37 | 14.95 | -11.77 | 10.33 | -8.47 | 10.15 |
| -1.60 | 9.95 | 0.00 | 9.77 | 3.69 | 9.24 | 4.99 | 8.05 |
| 5.87 | 7.98 | 6.52 | 8.23 | 9.00 | 7.24 | 9.26 | 5.96 |
| 11.62 | 5.41 | 12.46 | 5.35 | 13.99 | 5.10 | 16.72 | 5.39 |
| 18.05 | 5.18 | 19.07 | 4.99 | 22.21 | 5.25 | 23.06 | 5.38 |
| 25.21 | 5.38 | 28.57 | 5.48 | 30.55 | 5.53 | 32.44 | 5.84 |
| 34.20 | 6.10 | 36.46 | 7.52 | 40.10 | 8.55 | 41.76 | 8.69 |
| 43.57 | 9.20 | 43.74 | 10.07 | 45.48 | 10.97 | 59.71 | 11.23 |
| 67.89 | 11.32 | 75.07 | 11.47 | 86.44 | 11.65 | 89.30 | 12.03 |
| 89.40 | 12.74 | 91.28 | 14.42 | 93.38 | 14.52 | 95.27 | 14.52 |
| 97.88 | 14.73 | 99.40 | 14.73 | | | | |
| WF-164 | 37.99 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -31.10 | 15.64 | -29.90 | 15.59 | -27.40 | 15.44 | -24.22 | 15.28 |
| -20.98 | 14.88 | -16.69 | 13.17 | -13.47 | 11.95 | -8.49 | 11.30 |

Table 3.13(16/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| -5.38 | 10.36 | -1.92 | 10.09 | 0.00 | 9.88 | 0.71 | 9.83 |
| 3.74 | 9.17 | 6.08 | 8.41 | 7.24 | 7.89 | 9.58 | 6.69 |
| 10.98 | 5.95 | 11.67 | 5.91 | 12.32 | 6.40 | 14.94 | 6.22 |
| 15.89 | 5.97 | 16.60 | 5.94 | 17.72 | 6.09 | 20.83 | 5.90 |
| 23.61 | 5.91 | 26.63 | 5.79 | 30.58 | 5.85 | 33.79 | 6.00 |
| 34.85 | 6.12 | 36.22 | 8.13 | 39.84 | 9.57 | 49.48 | 9.63 |
| 55.09 | 9.23 | 58.88 | 8.14 | 61.06 | 7.31 | 62.52 | 8.23 |
| 69.53 | 9.66 | 73.24 | 10.84 | 84.48 | 11.63 | 90.22 | 12.80 |
| 92.00 | 14.23 | 93.81 | 14.30 | 95.55 | 14.30 | 98.37 | 14.74 |
| 100.03 | 14.74 | | | | | | |
| WF-165 | 39.59 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -22.39 | 14.98 | -20.70 | 14.98 | -18.48 | 14.98 | -16.40 | 13.66 |
| -14.35 | 13.27 | -10.95 | 12.35 | -8.84 | 11.72 | -4.88 | 10.65 |
| -1.30 | 10.35 | 0.00 | 10.02 | 1.72 | 9.90 | 4.58 | 8.67 |
| 5.30 | 7.83 | 7.11 | 7.74 | 8.72 | 6.30 | 10.04 | 6.23 |
| 11.07 | 6.24 | 11.55 | 6.09 | 13.16 | 6.80 | 14.73 | 6.24 |
| 16.92 | 6.01 | 18.42 | 6.17 | 19.33 | 6.10 | 20.37 | 5.92 |
| 21.70 | 5.54 | 22.73 | 5.17 | 26.56 | 5.50 | 28.72 | 5.53 |
| 30.62 | 5.74 | 32.46 | 6.00 | 34.41 | 6.32 | 36.10 | 6.96 |
| 36.43 | 7.37 | 37.39 | 7.97 | 38.80 | 8.85 | 39.13 | 9.97 |
| 43.50 | 10.05 | 47.40 | 10.10 | 55.06 | 10.15 | 60.72 | 10.20 |
| 68.14 | 10.30 | 73.03 | 10.40 | 75.13 | 10.50 | 75.45 | 10.60 |
| 79.84 | 10.70 | 81.61 | 10.80 | 82.95 | 10.90 | 83.16 | 12.75 |
| 88.50 | 14.19 | 92.53 | 14.90 | | | | |
| WF-166 | 23.94 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -10.00 | 14.73 | -10.00 | 13.18 | -10.00 | 13.10 | -10.00 | 12.93 |
| -10.00 | 12.82 | -8.50 | 12.42 | -3.99 | 12.04 | -1.00 | 11.79 |
| 0.00 | 11.41 | 0.89 | 11.30 | 2.52 | 10.97 | 4.90 | 10.39 |
| 5.41 | 9.61 | 9.61 | 9.53 | 15.53 | 8.41 | 18.33 | 7.99 |
| 20.70 | 6.36 | 21.78 | 6.09 | 22.54 | 5.87 | 24.76 | 5.92 |
| 30.47 | 5.82 | 32.98 | 5.63 | 38.55 | 5.53 | 41.16 | 5.51 |
| 46.30 | 5.92 | 47.42 | 6.04 | 48.10 | 6.29 | 50.05 | 7.65 |
| 51.86 | 10.10 | 53.35 | 10.38 | 57.77 | 10.38 | 72.20 | 10.51 |
| 77.12 | 10.59 | 79.62 | 10.60 | 81.32 | 10.65 | 81.79 | 10.66 |
| 83.65 | 10.67 | 83.97 | 10.68 | 85.44 | 10.70 | 87.97 | 10.73 |
| 91.82 | 14.16 | 95.11 | 14.25 | 100.25 | 14.58 | 102.43 | 14.58 |
| WF-167 | 45.06 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -10.00 | 14.00 | -10.00 | 12.00 | -10.00 | 11.50 | -10.00 | 11.00 |
| -10.00 | 10.90 | -10.00 | 10.80 | -10.00 | 10.70 | -8.23 | 10.60 |
| -1.49 | 10.50 | 0.00 | 10.42 | 1.49 | 10.20 | 3.12 | 9.90 |
| 9.02 | 9.69 | 14.33 | 9.65 | 17.92 | 9.13 | 21.59 | 7.26 |
| 24.56 | 6.74 | 26.43 | 6.23 | 28.35 | 6.09 | 30.40 | 5.97 |
| 33.11 | 5.94 | 35.91 | 5.89 | 38.67 | 5.80 | 40.80 | 5.39 |
| 42.84 | 5.03 | 45.17 | 5.26 | 47.63 | 5.47 | 51.41 | 5.63 |
| 52.51 | 6.10 | 53.78 | 6.70 | 54.04 | 8.20 | 57.34 | 10.11 |
| 61.13 | 10.90 | 65.80 | 11.06 | 70.76 | 11.08 | 78.71 | 11.10 |
| 79.77 | 11.11 | 80.90 | 11.21 | 81.84 | 13.34 | 82.75 | 13.89 |
| 83.80 | 14.03 | 85.52 | 14.05 | 87.32 | 14.05 | 87.49 | 14.20 |

Table 3.13(17/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 91.39 | 14.41 | 92.93 | 14.41 | | | | |
| WF-168 | 44.53 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -50.00 | 14.00 | -50.00 | 12.00 | -38.86 | 9.43 | -37.13 | 9.25 |
| -28.07 | 9.74 | -23.57 | 9.67 | -15.80 | 9.45 | -12.57 | 9.41 |
| -2.79 | 9.40 | -1.54 | 9.39 | 0.00 | 9.38 | 1.23 | 9.37 |
| 3.06 | 8.93 | 6.02 | 7.75 | 7.85 | 6.75 | 11.06 | 6.22 |
| 13.31 | 6.10 | 15.09 | 5.97 | 18.62 | 5.44 | 20.52 | 5.36 |
| 23.00 | 5.21 | 25.26 | 5.26 | 28.10 | 5.41 | 30.03 | 5.66 |
| 33.19 | 5.64 | 34.87 | 5.95 | 36.10 | 6.12 | 37.03 | 6.38 |
| 37.74 | 8.75 | 38.48 | 9.68 | 38.91 | 10.73 | 39.97 | 10.75 |
| 40.24 | 10.81 | 43.83 | 10.83 | 48.97 | 10.84 | 53.32 | 10.95 |
| 56.73 | 11.02 | 61.02 | 11.31 | 63.41 | 11.78 | 63.50 | 12.82 |
| 66.88 | 14.01 | 69.05 | 14.07 | 71.21 | 14.88 | 74.52 | 14.88 |
| 75.79 | 14.38 | | | | | | |
| WF-169 | 55.09 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -50.00 | 14.00 | -50.00 | 12.00 | -35.50 | 11.70 | -29.63 | 11.65 |
| -29.33 | 11.51 | -27.27 | 11.34 | -23.38 | 11.03 | -23.12 | 10.75 |
| -15.72 | 10.30 | -8.25 | 9.67 | -2.05 | 9.22 | 0.00 | 9.18 |
| 1.89 | 9.01 | 4.52 | 8.15 | 6.32 | 6.93 | 7.81 | 6.55 |
| 11.35 | 6.16 | 12.63 | 6.12 | 13.50 | 5.97 | 14.57 | 5.57 |
| 17.63 | 5.28 | 20.52 | 5.23 | 23.05 | 5.47 | 25.91 | 5.29 |
| 28.99 | 5.38 | 31.05 | 5.79 | 32.17 | 6.11 | 33.23 | 6.33 |
| 33.43 | 6.64 | 34.65 | 7.27 | 34.82 | 7.94 | 35.67 | 8.35 |
| 36.10 | 10.38 | 44.05 | 10.53 | 49.37 | 10.57 | 55.10 | 10.84 |
| 55.47 | 10.85 | 55.99 | 10.90 | 56.52 | 10.99 | 59.56 | 11.13 |
| 61.88 | 11.17 | 62.60 | 11.22 | 62.88 | 11.39 | 65.00 | 12.42 |
| 67.40 | 13.99 | 68.49 | 14.14 | | | | |
| WF-170 | 53.44 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -40.00 | 14.00 | -40.00 | 11.00 | -19.94 | 10.65 | -15.77 | 10.56 |
| -15.08 | 10.38 | -11.40 | 9.68 | -6.04 | 9.49 | -2.25 | 9.36 |
| 0.00 | 9.30 | 1.18 | 9.28 | 3.11 | 8.94 | 3.80 | 8.63 |
| 4.83 | 8.34 | 5.63 | 7.71 | 6.16 | 7.91 | 6.85 | 7.74 |
| 7.32 | 7.41 | 8.96 | 6.10 | 9.84 | 5.94 | 11.58 | 5.70 |
| 13.88 | 5.44 | 15.50 | 4.97 | 18.40 | 5.35 | 22.41 | 5.46 |
| 24.85 | 5.34 | 27.82 | 5.30 | 29.21 | 5.63 | 31.40 | 5.94 |
| 32.46 | 6.05 | 32.63 | 6.19 | 32.95 | 7.07 | 34.13 | 8.19 |
| 35.77 | 9.21 | 36.48 | 10.00 | 37.05 | 10.08 | 38.02 | 10.20 |
| 43.62 | 10.27 | 51.86 | 10.36 | 59.69 | 10.67 | 65.81 | 11.30 |
| 69.88 | 11.33 | 70.74 | 11.40 | 72.80 | 11.77 | 75.56 | 13.55 |
| 76.82 | 14.04 | 78.03 | 14.21 | | | | |
| WF-171 | 54.98 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -50.00 | 14.00 | -50.00 | 12.00 | -26.63 | 11.58 | -24.99 | 10.42 |
| -15.73 | 10.38 | -14.03 | 10.30 | -12.51 | 10.12 | -8.01 | 9.44 |
| -1.89 | 9.36 | 0.00 | 9.24 | 1.19 | 9.05 | 1.90 | 8.14 |
| 2.31 | 7.99 | 2.98 | 7.90 | 3.80 | 7.80 | 4.68 | 6.99 |
| 5.38 | 6.67 | 7.32 | 6.04 | 8.14 | 5.90 | 9.32 | 5.61 |
| 11.64 | 5.25 | 16.93 | 5.40 | 22.55 | 5.48 | 24.93 | 5.24 |

Table 3.13(18/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 26.51 | 5.21 | 27.46 | 6.08 | 27.99 | 6.76 | 30.38 | 7.42 |
| 31.26 | 7.99 | 32.58 | 8.34 | 34.85 | 9.36 | 41.31 | 9.96 |
| 43.13 | 10.13 | 47.08 | 10.34 | 56.72 | 10.52 | 65.43 | 11.14 |
| 70.99 | 11.24 | 74.62 | 12.34 | 75.30 | 13.03 | 76.79 | 13.90 |
| 79.40 | 14.15 | 81.10 | 14.18 | 82.44 | 14.26 | 83.32 | 14.74 |
| WF-172 | 49.49 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -50.00 | 14.00 | -50.00 | 11.00 | -26.30 | 10.62 | -20.89 | 10.41 |
| -16.37 | 10.36 | -11.43 | 10.13 | -9.53 | 9.99 | -6.41 | 9.78 |
| -0.81 | 9.62 | 0.00 | 9.44 | 0.59 | 9.67 | 0.91 | 9.71 |
| 2.94 | 8.87 | 3.42 | 8.46 | 4.98 | 8.20 | 6.08 | 6.66 |
| 7.31 | 6.08 | 8.30 | 5.73 | 10.58 | 5.51 | 12.67 | 5.39 |
| 14.42 | 5.06 | 16.47 | 5.43 | 18.24 | 5.69 | 20.20 | 5.77 |
| 22.92 | 5.45 | 24.96 | 5.54 | 27.07 | 5.24 | 28.17 | 5.47 |
| 28.73 | 6.04 | 29.60 | 7.17 | 34.32 | 7.70 | 35.24 | 8.18 |
| 36.26 | 8.51 | 36.54 | 8.97 | 38.21 | 9.29 | 46.77 | 9.32 |
| 48.76 | 9.68 | 49.59 | 10.04 | 60.52 | 10.43 | 68.43 | 10.76 |
| 69.26 | 11.19 | 74.96 | 11.35 | 76.81 | 11.44 | 78.79 | 12.26 |
| 80.92 | 13.78 | 82.48 | 14.18 | 84.12 | 14.19 | 87.53 | 14.85 |
| 88.37 | 14.85 | 88.48 | 14.85 | | | | |
| WF-173 | 63.07 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -30.00 | 14.00 | -30.00 | 12.00 | -18.61 | 11.23 | -11.21 | 10.87 |
| -5.02 | 10.39 | -1.16 | 10.26 | 0.00 | 10.19 | 0.98 | 9.83 |
| 1.76 | 8.73 | 3.09 | 8.05 | 3.94 | 6.32 | 6.34 | 5.71 |
| 9.46 | 5.41 | 13.04 | 5.03 | 14.32 | 5.55 | 15.34 | 5.90 |
| 19.02 | 5.49 | 20.68 | 5.50 | 24.65 | 5.87 | 27.60 | 5.83 |
| 29.32 | 6.16 | 31.71 | 6.52 | 31.88 | 7.33 | 32.91 | 7.55 |
| 34.25 | 8.50 | 37.28 | 7.94 | 38.04 | 8.77 | 40.82 | 9.04 |
| 47.06 | 9.64 | 51.14 | 9.97 | 59.85 | 9.99 | 68.23 | 10.09 |
| 78.45 | 10.86 | 83.08 | 11.20 | 86.31 | 13.21 | 87.41 | 13.95 |
| 89.51 | 14.25 | 90.89 | 14.28 | 92.98 | 14.30 | 93.42 | 14.88 |
| 94.23 | 14.88 | | | | | | |
| WF-174 | 52.58 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -30.00 | 14.00 | -29.00 | 13.00 | -28.00 | 12.00 | -27.00 | 11.00 |
| -24.31 | 10.40 | -17.54 | 10.30 | -14.66 | 10.20 | -12.55 | 10.10 |
| -1.10 | 10.05 | 0.00 | 10.03 | 2.04 | 10.02 | 2.95 | 8.33 |
| 4.90 | 6.76 | 5.81 | 6.07 | 8.12 | 5.35 | 9.98 | 5.23 |
| 13.24 | 4.88 | 16.00 | 5.04 | 18.42 | 4.81 | 20.79 | 5.15 |
| 25.02 | 5.58 | 27.22 | 5.66 | 28.46 | 5.91 | 30.89 | 6.84 |
| 33.64 | 8.47 | 34.96 | 9.04 | 37.28 | 9.52 | 45.13 | 9.60 |
| 51.26 | 9.70 | 57.61 | 9.75 | 67.81 | 9.80 | 73.81 | 9.89 |
| 74.18 | 9.90 | 74.45 | 9.95 | 76.19 | 10.00 | 78.02 | 10.10 |
| 78.15 | 10.24 | 84.78 | 10.35 | 93.77 | 10.43 | 99.20 | 10.51 |
| 100.72 | 11.17 | 104.42 | 11.70 | 105.72 | 11.93 | 106.06 | 12.14 |
| 107.98 | 14.47 | 108.52 | 14.47 | 116.15 | 14.47 | | |
| WF-175 | 51.07 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -40.24 | 14.12 | -32.74 | 11.71 | -29.01 | 11.66 | -21.14 | 11.50 |
| -8.65 | 11.40 | -0.92 | 10.94 | 0.00 | 10.88 | 1.13 | 10.57 |

Table 3.13(19/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 3.58 | 9.99 | 4.70 | 9.39 | 7.67 | 8.62 | 9.66 | 8.35 |
| 10.98 | 7.60 | 12.30 | 6.11 | 16.92 | 5.28 | 20.01 | 5.26 |
| 22.09 | 6.08 | 23.85 | 6.29 | 27.62 | 6.78 | 31.13 | 7.36 |
| 36.56 | 7.14 | 38.53 | 6.35 | 45.12 | 5.94 | 47.56 | 5.80 |
| 49.58 | 5.99 | 50.57 | 6.38 | 54.65 | 7.88 | 55.86 | 9.48 |
| 60.79 | 9.77 | 67.24 | 9.69 | 76.25 | 10.07 | 82.41 | 10.15 |
| 93.98 | 10.43 | 102.67 | 10.96 | 102.71 | 11.25 | 109.74 | 11.29 |
| 114.40 | 11.72 | 115.36 | 11.86 | 119.54 | 12.00 | 124.84 | 12.28 |
| 131.63 | 14.52 | 141.44 | 14.70 | | | | |
| WF-176 | 41.94 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -54.94 | 14.29 | -40.04 | 12.95 | -30.17 | 12.74 | -23.32 | 12.72 |
| -16.49 | 12.56 | -8.87 | 12.35 | -1.25 | 12.18 | 0.00 | 12.12 |
| 1.44 | 12.10 | 3.31 | 11.98 | 4.14 | 11.09 | 8.52 | 8.73 |
| 11.52 | 8.92 | 13.47 | 8.33 | 18.76 | 6.68 | 21.80 | 6.60 |
| 23.68 | 6.05 | 26.65 | 6.03 | 30.02 | 6.07 | 32.26 | 5.91 |
| 33.48 | 6.62 | 33.73 | 7.01 | 34.81 | 7.26 | 37.98 | 7.53 |
| 39.24 | 6.67 | 42.12 | 6.44 | 46.00 | 6.31 | 48.42 | 6.26 |
| 50.40 | 6.11 | 51.79 | 6.72 | 51.93 | 7.00 | 53.72 | 7.72 |
| 56.05 | 8.39 | 56.31 | 9.52 | 58.08 | 9.58 | 66.55 | 9.83 |
| 71.16 | 10.00 | 75.27 | 10.21 | 76.08 | 10.38 | 78.19 | 10.53 |
| 81.79 | 11.62 | 83.07 | 12.63 | 84.76 | 12.95 | 84.97 | 13.35 |
| 85.30 | 14.36 | | | | | | |
| WF-177 | 49.33 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -7.64 | 14.95 | -7.40 | 13.07 | -7.34 | 13.03 | -7.31 | 12.90 |
| -5.64 | 12.98 | -3.07 | 12.85 | -1.37 | 12.45 | 0.00 | 12.28 |
| 1.03 | 11.83 | 2.49 | 10.85 | 5.01 | 9.78 | 6.60 | 8.45 |
| 9.21 | 7.24 | 9.41 | 6.82 | 10.79 | 6.61 | 12.78 | 6.30 |
| 14.16 | 6.12 | 16.37 | 6.46 | 17.85 | 6.51 | 18.94 | 6.52 |
| 19.52 | 6.68 | 19.98 | 6.82 | 20.19 | 7.61 | 22.53 | 7.90 |
| 24.73 | 7.99 | 24.99 | 7.02 | 26.63 | 6.93 | 29.38 | 6.69 |
| 34.81 | 6.52 | 35.79 | 6.21 | 37.48 | 5.96 | 40.21 | 6.24 |
| 43.54 | 6.28 | 46.41 | 6.39 | 47.60 | 6.72 | 48.21 | 7.03 |
| 50.57 | 7.85 | 50.91 | 9.00 | 52.51 | 9.58 | 55.51 | 9.88 |
| 60.10 | 10.54 | 65.09 | 11.50 | 66.14 | 11.58 | 69.58 | 12.25 |
| 69.89 | 14.51 | 71.17 | 14.61 | | | | |
| WF-178 | 55.00 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -32.76 | 14.04 | -29.54 | 13.74 | -27.61 | 13.69 | -25.33 | 13.13 |
| -14.55 | 12.96 | -4.90 | 12.90 | -1.22 | 12.85 | 0.00 | 12.80 |
| 1.65 | 12.18 | 5.04 | 9.47 | 7.20 | 8.76 | 7.86 | 9.24 |
| 9.46 | 8.42 | 11.36 | 7.87 | 13.80 | 7.28 | 15.80 | 7.01 |
| 17.76 | 6.79 | 21.05 | 6.62 | 24.60 | 6.43 | 27.36 | 6.35 |
| 29.52 | 6.16 | 31.34 | 6.21 | 33.66 | 6.36 | 35.27 | 5.98 |
| 37.33 | 5.81 | 39.34 | 6.22 | 40.39 | 6.57 | 41.22 | 6.58 |
| 43.51 | 6.22 | 44.38 | 5.85 | 45.68 | 5.97 | 47.38 | 6.78 |
| 48.20 | 8.27 | 52.18 | 8.72 | 52.86 | 10.24 | 55.08 | 10.77 |
| 61.76 | 10.99 | 66.32 | 10.75 | 69.02 | 10.44 | 72.00 | 9.36 |
| 75.34 | 8.26 | 77.43 | 7.25 | 78.79 | 7.15 | 84.64 | 7.04 |
| 87.02 | 6.79 | 89.42 | 11.94 | 93.55 | 12.00 | 94.79 | 12.10 |

Table 3.13(20/20) COORDINATE OF CROSS SECTION AT GARANG RIVER

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 99.80 | 12.20 | 103.01 | 12.44 | 107.19 | 13.37 | 113.92 | 14.13 |
| 122.75 | 14.43 | | | | | | |
| WF-179 | 58.02 | | | | | | |
| X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) | X (m) | Y (m) |
| -15.40 | 14.29 | -15.08 | 14.22 | -8.09 | 14.14 | -6.55 | 14.03 |
| -6.02 | 13.95 | -1.56 | 13.57 | 0.00 | 13.43 | 1.64 | 13.29 |
| 3.55 | 11.92 | 5.58 | 10.83 | 8.48 | 9.83 | 9.86 | 9.40 |
| 10.63 | 8.65 | 13.79 | 7.91 | 15.02 | 7.59 | 17.55 | 7.39 |
| 19.86 | 7.17 | 22.11 | 6.90 | 26.80 | 6.73 | 28.53 | 6.43 |
| 32.74 | 6.70 | 34.85 | 6.57 | 36.93 | 6.69 | 39.96 | 7.99 |
| 42.70 | 8.48 | 46.17 | 7.86 | 48.81 | 8.25 | 51.53 | 7.74 |
| 53.73 | 7.24 | 58.15 | 7.11 | 59.99 | 7.52 | 61.74 | 8.26 |
| 66.47 | 7.74 | 66.90 | 7.55 | 69.55 | 7.91 | 72.59 | 8.62 |
| 76.96 | 8.95 | 77.25 | 9.50 | 81.96 | 10.24 | 90.47 | 10.30 |
| 97.04 | 11.48 | 98.31 | 11.69 | 101.14 | 11.77 | 102.88 | 11.80 |
| 103.73 | 11.82 | 107.51 | 12.06 | 111.41 | 12.07 | 114.15 | 14.96 |