

| Element | Type | Station | Elevation | Length | Entrance Grade | Exit Grade | K | Middle Ordinate | SSD/HSD |
|----------------------|------|-----------|-----------|--------|----------------|------------|-----|-----------------|---------|
| Linear | PVT | 150+60.00 | 1870.25 | 365 | 6.84% | | | | |
| | POVT | 151+00.00 | 1872.98 | | | | | | |
| | POVT | 151+50.00 | 1876.40 | | | | | | |
| | POVT | 152+00.00 | 1879.82 | | | | | | |
| | POVT | 152+50.00 | 1883.24 | | | | | | |
| | POVT | 153+00.00 | 1886.65 | | | | | | |
| | POVT | 153+50.00 | 1890.07 | | | | | | |
| | POVT | 154+00.00 | 1893.49 | | | | | | |
| | PVC | 154+25.00 | 1895.20 | | | | | | |
| Symmetrical Parabola | PVC | 154+25.00 | 1895.20 | 300 | 6.84% | 5.33% | 200 | -0.56 | 868 |
| | POVC | 154+50.00 | 1896.89 | | | | | | |
| | POVC | 155+00.00 | 1900.18 | | | | | | |
| | POVC | 155+50.00 | 1903.35 | | | | | | |
| | PVI | 155+75.00 | 1905.45 | | | | | | |
| | POVC | 156+00.00 | 1906.39 | | | | | | |
| | POVC | 156+50.00 | 1909.31 | | | | | | |
| | POVC | 157+00.00 | 1912.10 | | | | | | |
| | PVT | 157+25.00 | 1913.45 | | | | | | |
| Linear | PVT | 157+25.00 | 1913.45 | 140 | 5.33% | | | | |
| | POVT | 157+50.00 | 1914.78 | | | | | | |
| | POVT | 158+00.00 | 1917.45 | | | | | | |
| | POVT | 158+50.00 | 1920.12 | | | | | | |
| | PVC | 158+65.00 | 1920.92 | | | | | | |
| Symmetrical Parabola | PVC | 158+65.00 | 1920.92 | 140 | 5.33% | 6.75% | 99 | 0.25 | |
| | POVC | 159+00.00 | 1922.85 | | | | | | |
| | PVI | 159+35.00 | 1924.65 | | | | | | |
| | POVC | 159+50.00 | 1925.82 | | | | | | |
| | POVC | 160+00.00 | 1929.04 | | | | | | |
| Linear | PVT | 160+05.00 | 1929.37 | 320 | 6.75% | | | | |
| | POVT | 160+50.00 | 1932.41 | | | | | | |
| | POVT | 161+00.00 | 1935.78 | | | | | | |
| | POVT | 161+50.00 | 1939.16 | | | | | | |
| | POVT | 162+00.00 | 1942.53 | | | | | | |
| | POVT | 162+50.00 | 1945.91 | | | | | | |
| | POVT | 163+00.00 | 1949.28 | | | | | | |
| | PVC | 163+25.00 | 1950.97 | | | | | | |
| Symmetrical Parabola | PVC | 163+25.00 | 1950.97 | 150 | 6.75% | 5.73% | 148 | -0.19 | 1139 |
| | POVC | 163+50.00 | 1952.63 | | | | | | |
| | PVI | 164+00.00 | 1956.03 | | | | | | |
| | POVC | 164+00.00 | 1955.84 | | | | | | |
| | POVC | 164+50.00 | 1958.88 | | | | | | |
| | PVT | 164+75.00 | 1960.33 | | | | | | |
| Linear | PVT | 164+75.00 | 1960.33 | 55 | 5.73% | | | | |
| | POVT | 165+00.00 | 1961.76 | | | | | | |
| | PVC | 165+30.00 | 1963.48 | | | | | | |
| Symmetrical Parabola | PVC | 165+30.00 | 1963.48 | 100 | 5.73% | 5.50% | 423 | -0.03 | 4615 |
| | POVC | 165+50.00 | 1964.63 | | | | | | |
| | PVI | 165+80.00 | 1966.35 | | | | | | |
| | POVC | 166+00.00 | 1967.44 | | | | | | |
| Linear | PVT | 166+30.00 | 1969.10 | 15 | 5.50% | | | | |
| | PVC | 166+45.00 | 1969.93 | | | | | | |
| Symmetrical Parabola | PVC | 166+45.00 | 1969.93 | 110 | 5.50% | 6.20% | 156 | 0.10 | |
| | POVC | 166+50.00 | 1970.20 | | | | | | |
| | PVI | 167+00.00 | 1972.95 | | | | | | |
| | POVC | 167+00.00 | 1973.05 | | | | | | |
| | POVC | 167+50.00 | 1976.05 | | | | | | |
| | PVT | 167+55.00 | 1976.36 | | | | | | |

| Element | Type | Station | Elevation | Length | Entrance Grade | Exit Grade | K | Middle Ordinate | SSD/HSD |
|----------------------|-----------|-----------|-----------|--------|----------------|------------|-----|-----------------|---------|
| Linear | PVT | 167+55.00 | 1976.36 | 97 | 6.20% | | | | |
| | POVT | 168+00.00 | 1979.15 | | | | | | |
| | POVT | 168+50.00 | 1982.26 | | | | | | |
| | PVI | 168+52.00 | 1982.38 | | | | | | |
| Linear | PVI | 168+52.00 | 1982.38 | 18 | 6.97% | | | | |
| Bridge 49 | | | | | | | | | |
| Linear | PVI | 168+70.00 | 1983.63 | 118 | 7.04% | | | | |
| | POVT | 169+00.00 | 1985.75 | | | | | | |
| | POVT | 169+50.00 | 1989.26 | | | | | | |
| Symmetrical Parabola | PVC | 169+87.50 | 1991.90 | 375 | 7.04% | 5.45% | 236 | -0.75 | 866 |
| | POVC | 170+00.00 | 1992.78 | | | | | | |
| | POVC | 170+50.00 | 1996.22 | | | | | | |
| | POVC | 171+00.00 | 1999.55 | | | | | | |
| | POVC | 171+50.00 | 2002.78 | | | | | | |
| | PVI | 171+75.00 | 2005.10 | | | | | | |
| | POVC | 172+00.00 | 2005.90 | | | | | | |
| | POVC | 172+50.00 | 2008.92 | | | | | | |
| | POVC | 173+00.00 | 2011.83 | | | | | | |
| | POVC | 173+50.00 | 2014.63 | | | | | | |
| | PVT | 173+62.50 | 2015.31 | | | | | | |
| | Linear | PVT | 173+62.50 | | | | | | |
| PVC | 173+85.00 | 2016.54 | | | | | | | |
| Symmetrical Parabola | PVC | 173+85.00 | 2016.54 | 300 | 5.45% | 6.88% | 210 | 0.54 | |
| | POVC | 174+00.00 | 2017.36 | | | | | | |
| | POVC | 174+50.00 | 2020.18 | | | | | | |
| | POVC | 175+00.00 | 2023.12 | | | | | | |
| | PVI | 175+35.00 | 2024.71 | | | | | | |
| | POVC | 175+50.00 | 2026.18 | | | | | | |
| | POVC | 176+00.00 | 2029.35 | | | | | | |
| | POVC | 176+50.00 | 2032.65 | | | | | | |
| | PVT | 176+85.00 | 2035.03 | | | | | | |
| | PVT | 176+85.00 | 2035.03 | | | | | | |
| Linear | POVT | 177+00.00 | 2036.06 | 625 | 6.88% | | | | |
| | POVT | 177+50.00 | 2039.50 | | | | | | |
| | POVT | 178+00.00 | 2042.93 | | | | | | |
| | POVT | 178+50.00 | 2046.37 | | | | | | |
| | POVT | 179+00.00 | 2049.81 | | | | | | |
| | POVT | 179+50.00 | 2053.25 | | | | | | |
| | POVT | 180+00.00 | 2056.69 | | | | | | |
| | POVT | 180+50.00 | 2060.12 | | | | | | |
| | POVT | 181+00.00 | 2063.56 | | | | | | |
| | POVT | 181+50.00 | 2067.00 | | | | | | |
| | POVT | 182+00.00 | 2070.44 | | | | | | |
| | POVT | 182+50.00 | 2073.88 | | | | | | |
| | POVT | 183+00.00 | 2077.31 | | | | | | |
| | PVC | 183+10.00 | 2078.00 | | | | | | |

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|----------------------------|----------------|
| PROJECT NAME: | JAY-TROY |
| PROJECT NUMBER: | STP 2915(I) |
| FILE NAME: | z10b232frm.dgn |
| PROJECT LEADER: | P. SHEDD |
| DESIGNED BY: | N. LEMAY |
| VERTICAL ALIGNMENT SHEET 4 | |
| PLOT DATE: | 5/16/2014 |
| DRAWN BY: | S. GOODWIN |
| CHECKED BY: | P. SHEDD |
| SHEET | 129 OF 244 |