涉河建筑物特征参数及控制坐标

1. 涉河建筑物特征参数（1956黄海高程系统）

表1 工程特征参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 项目 | 序号 | 特征值 | 数量 | 备注 |
| 河道生态修复工程 | 1 | 长度(m) | 810 |  |
| 2 | 长度 | 746.36m | 明渠 |
| 尺寸(m) | 底宽4.5～24m，高度3.5m～4.3m |
| 3 | 长度（m） | 箱涵/63.64 | 箱涵 |
| 尺寸 | 净宽4.5m，净高4.5m |
| 4 | 底板高程(进口/出口)(m) | 200.80/177.18 |  |
| 5 | 占用河道面积（m2） | 19018 |  |
| 6 | 占用岸线长度（m） | 810 |  |
| 公园入口一 | 5 | 面积（m2） | 218.18 |  |
| 6 | 高程(m) | 190.5 |  |
| 桩号K0+064景观桥 | 7 | 桥面高程（m） | 205 |  |
| 8 | 桥位处100年水位（m） | 201.98 |  |
| 9 | 桥长/桥面宽度（m） | 7/2 |  |
| 桩号K0+125.60景观桥 | 10 | 桥面高程（m） | 205.5 |  |
| 11 | 桥位处100年水位（m） | 201.76 |  |
| 12 | 桥长/桥面宽度（m） | 7/1.2 |  |
| 桩号K0+445景观桥 | 13 | 桥面高程（m） | 202.52 |  |
| 14 | 桥位处100年水位（m） | 200.7 |  |
| 15 | 桥长/桥面宽度（m） | 6/1.5 |  |
| 桩号K0+557景观桥 | 16 | 桥面高程（m） | 194.20 |  |
| 17 | 桥位处100年水位（m） | 190.71/195.43（长江回水） |  |
| 18 | 桥长/桥面宽度（m） | 6/1.5 |  |

2、主要控制坐标（大地2000坐标系统）

表2 河道生态修复工程主要控制点坐标表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 左岸编号 | X坐标 | Y坐标 | 右岸编号 | X坐标 | Y坐标 |
| L1 | 3260549.328 | 354329.524 | R1 | 3260563.773 | 354328.259 |
| L2 | 3260549.775 | 354339.748 | R2 | 3260564.646 | 354338.221 |
| L3 | 3260555.556 | 354349.055 | R3 | 3260561.094 | 354348.570 |
| L4 | 3260556.626 | 354378.464 | R4 | 3260565.276 | 354377.506 |
| L5 | 3260553.494 | 354378.739 | R5 | 3260570.959 | 354377.008 |
| L6 | 3260553.921 | 354383.614 | R6 | 3260571.398 | 354382.023 |
| L7 | 3260549.594 | 354391.522 | R7 | 3260577.034 | 354389.058 |
| L8 | 3260549.349 | 354415.682 | R8 | 3260572.790 | 354405.525 |
| L9 | 3260556.219 | 354436.299 | R9 | 3260574.504 | 354423.652 |
| L10 | 3260557.173 | 354446.567 | R10 | 3260583.399 | 354438.457 |
| L11 | 3260557.679 | 354474.749 | R11 | 3260579.081 | 354458.547 |
| L12 | 3260562.142 | 354502.685 | R12 | 3260586.358 | 354475.110 |
| L13 | 3260558.424 | 354519.157 | R13 | 3260590.796 | 354487.075 |
| L14 | 3260552.797 | 354551.314 | R14 | 3260585.405 | 354506.345 |
| L15 | 3260549.886 | 354569.525 | R15 | 3260583.076 | 354519.343 |
| L16 | 3260540.340 | 354575.464 | R16 | 3260577.516 | 354536.019 |
| L17 | 3260535.416 | 354575.302 | R17 | 3260567.102 | 354579.509 |
| L18 | 3260512.875 | 354587.837 | R18 | 3260559.438 | 354610.830 |
| L19 | 3260486.659 | 354600.834 | R19 | 3260545.714 | 354612.738 |
| L20 | 3260467.314 | 354652.990 | R20 | 3260523.481 | 354624.296 |
| L21 | 3260476.439 | 354651.838 | R21 | 3260510.147 | 354623.505 |
| L22 | 3260484.412 | 354714.976 | R22 | 3260496.425 | 354623.688 |
| L23 | 3260474.618 | 354716.177 | R23 | 3260488.455 | 354630.613 |
| L24 | 3260490.122 | 354737.502 | R24 | 3260491.480 | 354650.442 |
| L25 | 3260493.846 | 354752.791 | R25 | 3260482.094 | 354651.124 |
| L26 | 3260496.360 | 354781.179 | R26 | 3260490.067 | 354714.262 |
| L27 | 3260510.936 | 354805.670 | R27 | 3260506.673 | 354711.674 |
| L28 | 3260531.788 | 354826.408 | R28 | 3260517.951 | 354741.158 |
| L29 | 3260556.614 | 354841.663 | R29 | 3260515.886 | 354758.483 |
| L30 | 3260582.722 | 354850.954 | R30 | 3260522.291 | 354785.902 |
| L31 | 3260616.542 | 354890.521 | R31 | 3260566.921 | 354823.541 |
| L32 | 3260628.476 | 354912.372 | R32 | 3260609.890 | 354844.498 |
| L33 | 3260648.207 | 354938.246 | R33 | 3260635.157 | 354886.732 |
| L34 | 3260636.916 | 354966.342 | R34 | 3260657.080 | 354916.891 |
| L35 | 3260630.560 | 354982.778 | R35 | 3260665.467 | 354948.010 |
| L36 | 3260634.013 | 355002.414 | R36 | 3260658.266 | 354975.059 |
| L37 | 3260639.314 | 355006.493 | R37 | 3260659.830 | 355001.112 |

表2 公园入口一主要控制点坐标表

|  |  |  |  |
| --- | --- | --- | --- |
| 编号 | X坐标 | Y坐标 | 备注 |
| A1 | 3260519.916 | 354384.773 | 广场 |
| A2 | 3260519.735 | 354382.819 |
| A3 | 3260506.048 | 354391.813 |
| A4 | 3260514.324 | 354412.145 |
| A5 | 3260517.405 | 354399.473 |
| A6 | 3260513.796 | 354394.414 |
| A7 | 3260529.016 | 354421.927 | 栈道 |
| A8 | 3260539.047 | 354391.163 |
| A9 | 3260539.706 | 354429.435 |
| A10 | 3260550.522 | 354429.435 |

表3 景观桥主要控制点坐标表

|  |  |  |  |
| --- | --- | --- | --- |
| 编号 | X坐标 | Y坐标 | 备注 |
| Q1 | 3260551.695 | 354570.405 | 桩号K0+064景观桥 |
| Q2 | 3260566.592 | 354576.709 |
| Q3 | 3260471.222 | 354631.211 | 桩号K0+125.6景观桥 |
| Q4 | 3260486.153 | 354637.117 |
| Q5 | 3260618.362 | 354890.206 | 桩号K0+455景观桥 |
| Q6 | 3260632.891 | 354885.100 |
| Q7 | 3260649.091 | 354942.996 | 桩号K0+577景观桥 |
| Q8 | 3260662.378 | 354939.292 |