仅供参考

工况一测试截面测点挠度检测结果详见表x-x、图x-x。检测结果表明，所测主梁的挠度校验系数在0.39～0.93之间，满足《公路桥梁承载能力检测评定规程》中规定的校验系数小于1.0的要求。所测主梁的最大相对残余变形为4.81%，满足《公路桥梁承载能力检测评定规程》中规定的残余变形限值要求(限值20%)，恢复状况良好。

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| 测点号 | 总变形 | 弹性变形 | 残余变形 | 满载理论值(mm) | 校验系数 | 相对残余变形(%) |
| Z1 | 0.44 | 0.44 | 0.00 | 0.47 | 0.93 | 0.00% |
| Z2 | 0.51 | 0.51 | 0.00 | 0.83 | 0.62 | 0.00% |
| Z3 | 0.70 | 0.70 | 0.00 | 1.25 | 0.56 | 0.00% |
| Z4 | 0.77 | 0.77 | 0.00 | 1.74 | 0.44 | 0.00% |
| Z5 | 0.97 | 0.97 | 0.00 | 2.34 | 0.41 | 0.00% |
| Z6 | 1.28 | 1.28 | 0.00 | 3.08 | 0.42 | 0.00% |
| Z7 | 1.64 | 1.64 | 0.00 | 4.01 | 0.41 | 0.00% |
| Z8 | 2.03 | 2.03 | 0.00 | 5.16 | 0.39 | 0.00% |
| Z9 | 2.50 | 2.50 | 0.00 | 5.95 | 0.42 | 0.00% |
| Z10 | 2.80 | 2.80 | 0.00 | 6.74 | 0.42 | 0.00% |
| Z11 | 3.29 | 3.28 | 0.01 | 7.05 | 0.47 | 0.30% |
| Z12 | 3.10 | 3.10 | 0.00 | 7.27 | 0.43 | 0.00% |
| Z13 | 2.91 | 2.77 | 0.14 | 6.79 | 0.41 | 4.81% |
| Z14 | 2.87 | 2.80 | 0.07 | 6.70 | 0.42 | 2.44% |

工况二测试截面测点挠度检测结果详见表x-x、图x-x。检测结果表明，所测主梁的挠度校验系数在0.37～1.00之间，满足《公路桥梁承载能力检测评定规程》中规定的校验系数小于1.0的要求。所测主梁的最大相对残余变形为17.07%，满足《公路桥梁承载能力检测评定规程》中规定的残余变形限值要求(限值20%)，恢复状况良好。

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| --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 总变形 | 弹性变形 | 残余变形 | 满载理论值(mm) | 校验系数 | 相对残余变形(%) |
| Z1 | 2.73 | 2.73 | 0.00 | 6.63 | 0.41 | 0.00% |
| Z2 | 2.90 | 2.90 | 0.00 | 6.73 | 0.43 | 0.00% |
| Z3 | 3.11 | 3.11 | 0.00 | 7.20 | 0.43 | 0.00% |
| Z4 | 3.12 | 3.10 | 0.02 | 7.00 | 0.44 | 0.64% |
| Z5 | 2.92 | 2.92 | 0.00 | 6.73 | 0.43 | 0.00% |
| Z6 | 2.39 | 2.39 | 0.00 | 5.98 | 0.40 | 0.00% |
| Z7 | 2.19 | 2.19 | 0.00 | 5.20 | 0.42 | 0.00% |
| Z8 | 1.69 | 1.69 | 0.00 | 4.04 | 0.42 | 0.00% |
| Z9 | 1.33 | 1.33 | 0.00 | 3.11 | 0.43 | 0.00% |
| Z10 | 0.87 | 0.87 | 0.00 | 2.37 | 0.37 | 0.00% |
| Z11 | 0.81 | 0.81 | 0.00 | 1.77 | 0.46 | 0.00% |
| Z12 | 0.51 | 0.51 | 0.00 | 1.27 | 0.40 | 0.00% |
| Z13 | 0.41 | 0.34 | 0.07 | 0.85 | 0.40 | 17.07% |
| Z14 | 0.53 | 0.50 | 0.03 | 0.50 | 1.00 | 5.66% |