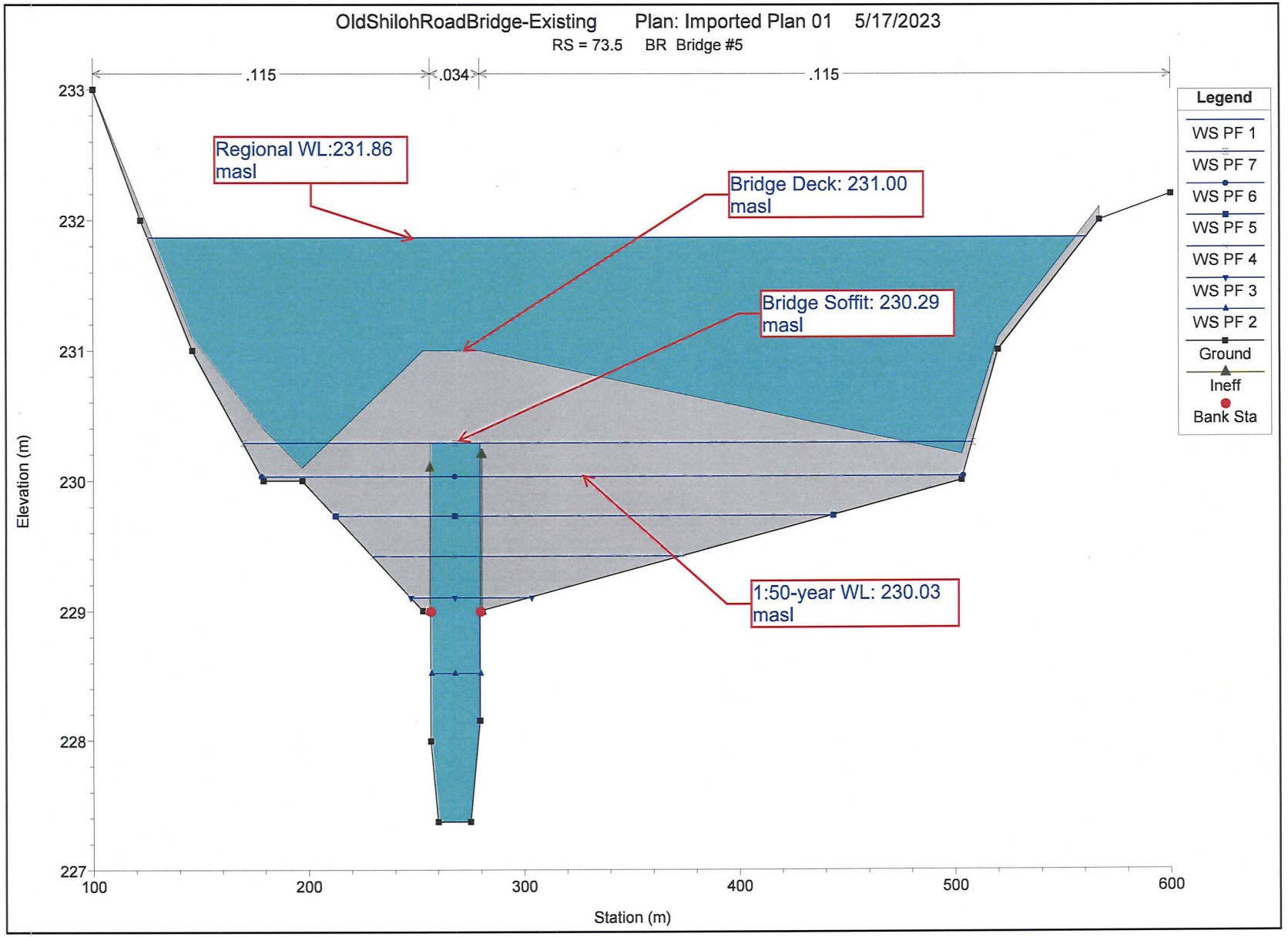
Appendix B:
Hydraulic Assessment Data

	Bridge Attributes				Results					
Scenario	Bridge Thickness (mm)	Span (m)	Road Width (m)	Lowest Bridge Soffit Elevation	Design Flood Frequency	1:50-Year WL at Bridge	Regional WL at Bridge	Regional WL 170 m Upstream	Regional WL 500 m Upstream	1:50-year Storm Clearance (m)
Existing Conditions	700	23.5	6.3	230.29 m	1:50	230.03 m	231.86 m	231.92 m	232.03 m	0.26
Replace bridge with **one lane** truss, same soffit elevation	900	23.5	6.3	230.29 m	1:50	230.03 m	231.86 m	231.92 m	232.03 m	0.26
Replace bridge with **two lane** truss, same soffit elevation	900	23.5	12	230.29 m	1:50	230.04 m	231.87 m	231.93 m	232.04 m	0.25
Replace bridge with **one lane** truss, raise soffit to achieve clearance	900	23.5	6.3	231.03 m	1:50	230.03 m	231.89 m	231.95 m	232.06 m	1.00
Replace bridge with **two lane** truss, raise soffit to achieve clearance	900	23.5	12	231.04 m	1:50	230.04 m	231.91 m	231.96 m	232.07 m	1.00
Replace bridge with **one lane** truss, raise soffit to achieve clearance, widen the span	900	33	6.3	231.04 m	1:50	230.04 m	231.90 m	231.95 m	232.06 m	1.00
Replace bridge with **two lane** truss, raise soffit to achieve clearance, widen the span	900	33	12	231.04 m	1:50	230.04 m	231.91 m	231.96 m	232.07 m	1.00

represents change from existing

Existing Conditions



Two lane truss, raised to achieve 1m clearance