

Bridge Designer QC Form

Project Name:	
Key#:	
Region:	
Designer Name:	

Did you...

	Yes	No	n/a
At Project Initiation:			
...review the ODOT Project Business Case	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...review the Class of Project with the Bridge Reviewer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss the Goals & Objectives of the project and the bridge work with the Reviewer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...review the Scope, Schedule & Budget with the Project Leader	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...review the Scope, Schedule & Budget with the Reviewer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...formulate a 'plan of action' to get the scope of work done in by the date needed with the budget	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the Project Initiation portion of this QC Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At 50% Preliminary Design Phase:			
...start a table of Bridge Design Standards to document need for Design Deviations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...coordinate early with the Geotech Designer regarding foundation type, and subsurface exploration needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss alignment and grade concepts with the Road Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss deck and bridge drainage concepts with the Storm Water Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss mobility and staging concepts with the Mobility Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss bridge designs and details with the Construction representative on the project team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss bridge designs and details with the Maintenance representative on the project team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss the environmental aspects of the project with the Environmental person on the project team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss waterway and scour needs with the Hydraulics Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...confirm utilities on project site with the Utility Engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...confirm railroad requirements with the Railroad person (when bridge work is within 200' of RR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...provide information to Public Involvement Coordinator as requested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the 50% Preliminary Design Phase portion of this QC Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At 85% Preliminary Design Phase (95% TS&L Development):			
...obtain approval for Design Deviations & Exceptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete TS&L Narrative or TS&L Memo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Engineer's Estimate @ TS&L	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...review TS&L Plan Sheet(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...submit completed and reviewed TS&L Report to the Project Leader	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the 85% Preliminary Design Phase portion of this QC Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

At start of the Final Design Phase:			
...seek out a list of all the permits that are needed on the project and work with the person responsible to file the permit to get them any bridge data they need to complete the permit (Prepare a Permit Information Memo)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...coordinate alignment and grades with the Road Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...coordinate deck and bridge drainage needs with the Storm Water Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...coordinate mobility and staging needs with the Mobility Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...coordinate the environmental aspects of the project with the Environmental person on the project team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...coordinate foundation design with the Geotech Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...coordinate waterway and scour needs with the Hydraulics Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...provide information to Public Involvement Coordinator as requested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the PI information commensurate for the audience intended	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the Start of Final Design Phase portion of this QC Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At Preliminary Plans Package Milestone:			
...discuss bridge designs and details with the Construction representative on the project team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss bridge designs and details with the Maintenance representative on the project team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...confirm utility conflicts and needs with the Utility Engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...discuss railroad requirements with the Railroad person (when bridge work is within 200' of RR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...provide Preliminary Plan sheet data to Drafter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete SPLIST to identify needed special provisions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Engineer's Estimate @ Preliminary Plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...review Preliminary Plan Sheet(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...provide information to Public Involvement Coordinator as requested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the PI information commensurate for the audience intended	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...submit completed and reviewed PreliminaryPlan Package data to the Project Leader	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the Preliminary Plans Package Milestone portion of this QC Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At Advance Plans Package Milestone:			
...provide Advance Plan sheet details to Drafter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Draft Special Provisions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Engineer's Estimate @ Advance Plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Draft Engineer's Estimate of Probable Construction Schedule	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...review Advance Plan Sheet(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...provide information to Public Involvement Coordinator as requested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the PI information commensurate for the audience intended	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...submit completed and reviewed Advance Plan Package data to the Project Leader	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the Advance Plans Package Milestone portion of this QC Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

At Final Plans Package Milestone:				
...provide Final Plan sheet corrections to Drafter (from QC Check)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Final Special Provisions		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Engineer's Estimate @ Final Plans		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Final Engineer's Estimate of Probable Construction Schedule		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...review and sign Final Plan Sheet(s)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...provide information to Public Involvement Coordinator as requested		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the PI information commensurate for the audience intended		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...submit completed, checked and reviewed Final Plan Package data to the Project Leader		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the Final Plans Package Milestone portion of this QC Form		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At PS&E Package Milestone:				
...submit completed, reviewed and signed PS&E Plan Package data to the Project Leader		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Design & Checker Calculation Book(s) (to this point in time)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the bridge load rating		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete Bridge Close-Out documentation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...ensure all Bridge Deliverables received by Bridge HQ		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...ensure all Bridge Quality Documentation received by Bridge HQ		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...complete the PS&E Package Milestone portion of this QC Form		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signatures				
Designer:				
Bridge Reviewer:				