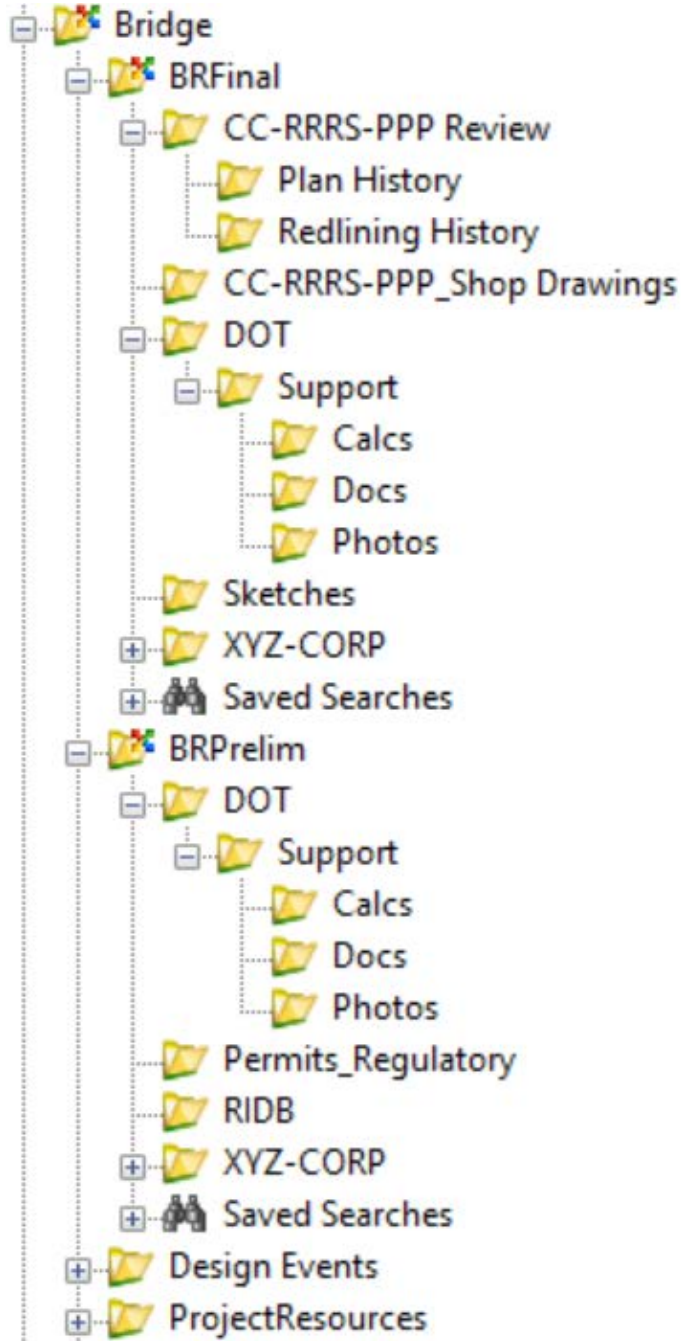


CONNECT Bridge Project Folder Structure in ProjectWise

For CONNECT projects the default folder structure for projects includes one root folder for bridge related projects. Subfolders for files specific to BRFinal for final design of a project and BRPrelim for the preliminary design, hydraulics and permit related documentation are provided.



Limit the root folder Bridge to the development of models and the files to be used by other designers to reference with other files stored under the appropriate subfolders.

Both BRFinal and BRPrelim contain subfolders for use by internal staff (DOT) or consultants (XYZ-CORP). Both areas have the preferred Support folder structure to be used for storing

calculations, documentation, and photos. Refer to [Consultant ProjectWise CONNECT Bridge Project Folder Structure](#) for additional information.

CC-RRRS-PPP is the contract ID format used for some subfolder names. The contract ID contains a 2-digit county, 3-digit route, single digit federal control section number, and 3-digit paren number of the specific project.

The explanations of the specific use of the subfolders are provided below.

Bridge

- Store the project overview and 3D model files for bridges, pipes, culverts and berms related to the project in this main root folder. Other designers should reference from the overview file of all the structures in the project.

BRFinal

- Contains the detail files developed in MicroStation or ProStructures.

CC-RRRS-PPP Review

- The review folder is used to turn in files for review before turn in for letting.
- Rename the folder to reflect the contract ID.
- Store the latest reviewed version of the plans with the date included in the file name. i.e. 99-0034-038_01-23-2021.pdf

Plan History

- The plan history folder is for the PDF files of modified plan sets.
- Store all revised versions of the plans. These plan sets are intended to be obsolete.
- Include the date in the file name. i.e. 99-0034-038_01-23-2021.pdf

Redlining History

- The redlining history folder is for the PDF files reviewed by the designer (engineer or technician).
- Store all reviewed versions of the plans with the comments and markups.
- Include the initials of the reviewer and date in the file name. i.e. 99-0034-038_AMJ_01-23-2021.pdf

CC-RRRS-PPP_Shop Drawings

- The shop drawing folder is used to store the final shop drawings.
- Rename the folder to reflect the contract ID.

DOT

Support

- Store files that support the design process that do not fall into the specific categories of the subfolders or create additional subfolders as appropriate.

Calcs

- Store related calculation files.

Docs

- Store project related documentation, communication, e-mails, and information not considered to be calculations.

Photos

- Store photos obtained related to the development of the design.

Sketches

- Store CADD file and PDF files developed for inspection sketches. The sketches are used by bridge maintenance personnel for inspections.

XYZ-CORP

- Refer to [Consultant ProjectWise CONNECT Bridge Project Folder Structure](#) for additional information.

BRPrelim

- Contains the files developed at the preliminary design stage. A copy of the models completed at this stage will be stored in this location as backup with work continuing in the files under Bridge.

DOT

Support

- Store files that support the preliminary design process that do not fall into the specific categories of the subfolders or create additional subfolders as appropriate.

Calcs

- Store related hydraulic calculation files.

Docs

- Store project related documentation, communication, e-mails, and information not considered to be calculations.

Photos

- Store photos obtained related to the preliminary development of the design.

Permits_Regulatory

- Store documentation for permits related to the design.

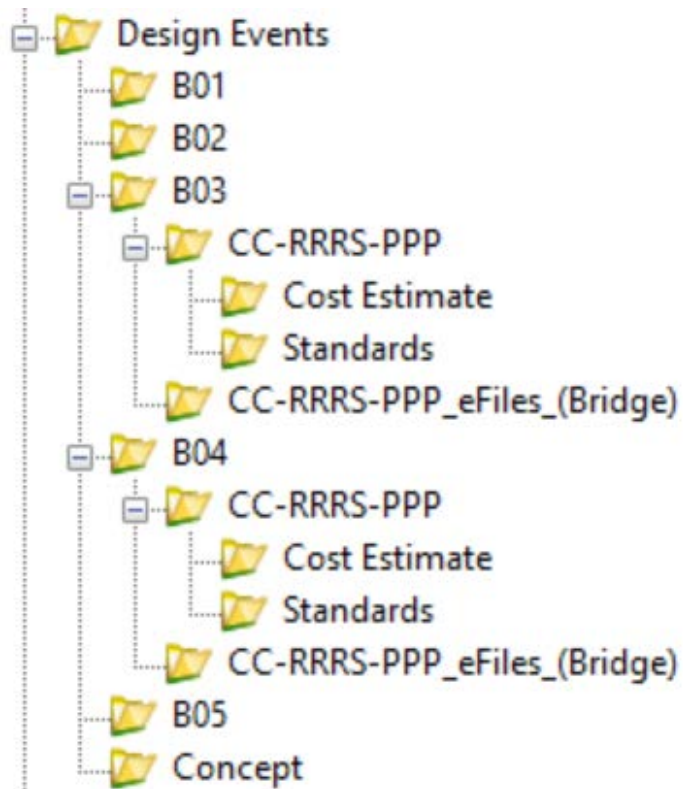
RIDB

- Store the files for the data required at each site for the Riverine Infrastructure Database (RIDB). Refer to the Riverine Infrastructure Database portion of the Bridges and Structures Bureau website (<https://iowadot.gov/bridge/>).

XYZ-CORP

- Refer to [Consultant ProjectWise CONNECT Bridge Project Folder Structure](#) for additional information.

The Design Events portion of the folder structure is intended for final deliverable submittals only. This is used by designers to finalize submittals and organize files for turn in.



Design Events

B01 - Used for Preliminary Design submittal to Final Design.

B02 - Used for Preliminary Design submittal to the Design Bureau.

B03 - Used for Final Bridge Plans submittal to the Contracts Bureau.

CC- RRRS-PPP

- Contract ID folder renamed to finalize turn in of project.
- Store project plan for letting including addendums and all subsequent plan revisions, if applicable.

Cost Estimate

- Store cost estimate file.

Standards

- Store standards used for the project.

CC- RRRS-PPP_eFiles_(Bridge)

- Contract ID folder renamed to finalize turn in of project.

- Store data files for construction including information for staking layout, beams and deck.
- Add the design number with four digits to the end of each file name if multiple designs are part of the same project.
i.e. 99-0034-038_PPC Beam Data Spreadsheet_1217.xlsx

B04 - Used for Final Bridge Plans submittal to the Design Bureau.

CC- RRRS-PPP

- Contract ID folder renamed to finalize turn in of project.
- Store project plan for letting including addendums and all subsequent plan revisions, if applicable.

Cost Estimate

- Store cost estimate file.

Standards

- Store standards used for the project.

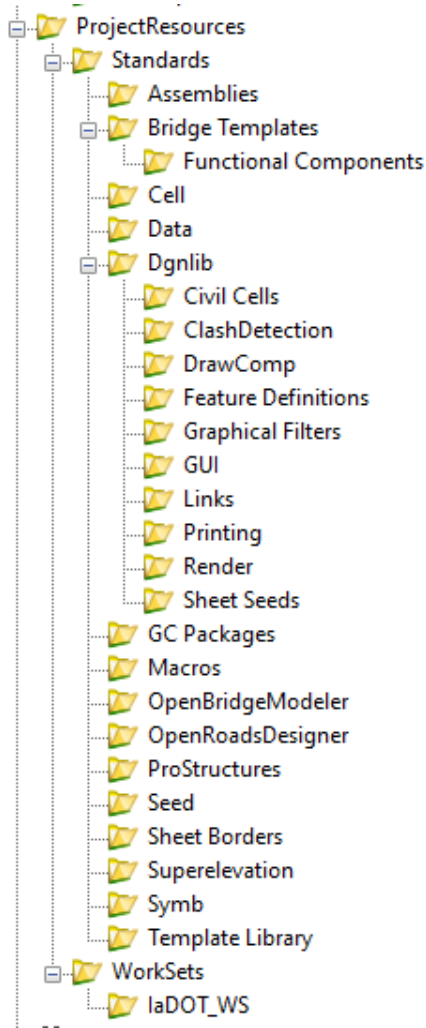
CC- RRRS-PPP_eFiles_(Bridge)

- Contract ID folder renamed to finalize turn in of project.
- Store data files for construction including existing plans and information for staking layout, beams and deck.
- Add the design number with four digits to the end of each file name if multiple designs are part of the same project.
i.e. 99-0034-038_PPC Beam Data Spreadsheet_1217.xlsx

B05 - Used for storing approved Section 408 document.

Concept - Used for storing the final concept for project.

The ProjectResources portion of the folder structure is intended for storage of project specific WorkSets files used with the CONNECT applications.



The Bridge Template subfolder will contain two template files that can be used to store project specific versions of the templates used.

Name	Application	Description
Functional Components		
PierLib.xml	XML Data	PierLib.xml
templates.xml	XML Data	templates.xml

Refer to CONNECT Standard Templates for additional information on templates available and possible project specific usage.

Additional information will be provided as we expand use of the project WorkSets.