

Pre-Engineering: Bridge Photo Deliverable Sample

This sample illustrates how to properly photograph bridge components. The naming convention will include the bridge asset number, feature(s), and viewing direction as detailed in this example. Photos will be named and stored in a subfolder named **"PHOTOS"** within the final bridge survey deliverable folder.

The number of photos and component capture will vary depending on the complexity of the structure and the scope of the proposed work.

- In this sample, the proposed work involved concrete repairs to the bridge underside, abutments, and retaining walls.

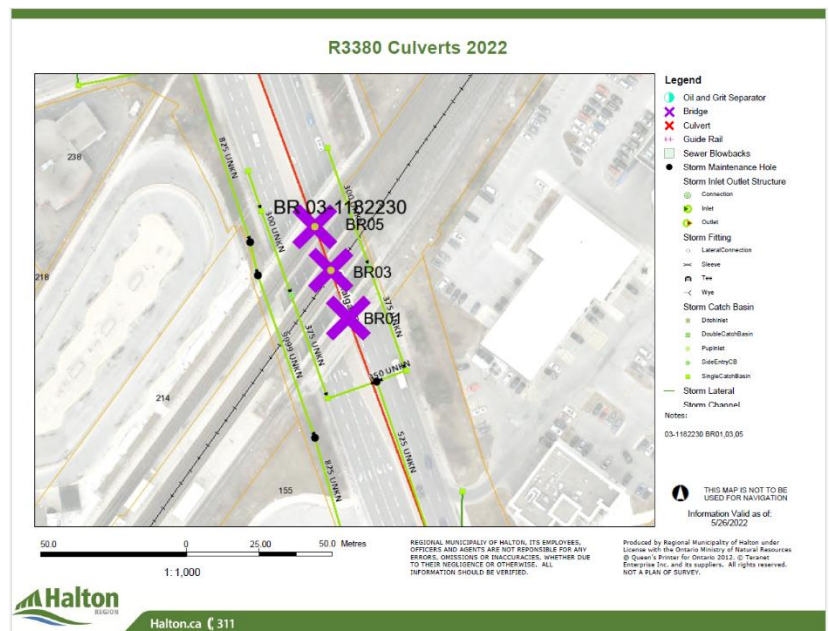
Example: Photo Directory Structure and Naming Convention

- PHOTOS
 - BR01-1182230-ABUT-NE-1
 - BR01-1182230-ABUT-SE-2
 - BR01-1182230-ABUT-NW-3
 - BR01-1182230-ABUT-SW-4
 - BR01-1182230-USDECK-NE-5
 - BR01-1182230-USDECK-SE-6
 - BR01-1182230-USDECK-NW-7
 - BR01-1182230-USDECK-SW-8
 - BR01-1182230-RWALL-SE-9
 - BR01-1182230-RWALL-SW-10
 - BR03-1182230-ABUT-NE-1
 - BR03-1182230-ABUT-SE-2
 - BR03-1182230-ABUT-NW-3
 - BR03-1182230-ABUT-SW-4
 - BR03-1182230-USDECK-NE-5
 - BR03-1182230-USDECK-SE-6
 - BR03-1182230-USDECK-NW-7
 - BR03-1182230-USDECK-SW-8
 - BR03-1182230-RWALL-NE-9
 - BR03-1182230-RWALL-NW-10
 - BR03-1182230-RWALL-SE-11
 - BR03-1182230-RWALL-SW-12
 - BR05-1182230-ABUT-NE-1
 - BR05-1182230-ABUT-SE-2
 - BR05-1182230-ABUT-NW-3
 - BR05-1182230-ABUT-SW-4
 - BR05-1182230-USDECK-NE-5
 - BR05-1182230-USDECK-SE-6
 - BR05-1182230-USDECK-NW-7
 - BR05-1182230-USDECK-SW-8
 - BR05-1182230-RWALL-NE-9
 - BR05-1182230-RWALL-NW-10

The bridge asset number is obtained from Halton's GIS system. If you do not have access to Halton's GIS, please contact the Project Manager to request the asset numbers.

In the example below, there are three bridges associated with the main asset number **1182230**. To differentiate between them, the full asset numbers are assigned as follows:

- BR01-1182230**
- BR03-1182230**
- BR05-1182230**



Photographs: The following photographs may not necessarily follow the order of the directory structure above. They are provided as reference examples to illustrate the required photography standards.

