

Hydrotechnical Information System (HIS) Installation Instructions

1. Download the following six (6) files from:

<https://www.transportation.alberta.ca/PlanningTools/Tools/HIS/>

File 1: HIS 2023_M365 External.xlsm

File 2: HIS.accdb

File 3: Stream Slope.accdb

File 4: Flood Records.zip

File 5: File Histories.zip

File 6: Hydrotechnical Summaries.zip

2. Save File 1 to File 3 (the Excel and Access database files) in the same folder on your computer.

Important:

The HIS application is launched by opening **HIS 2023_M365 External.xlsm** in Excel. This file uses Visual Basic for Applications (VBA). You may need to enable macros or adjust your Excel security settings to allow the application to run properly.

3. Unzip File 4 to File 6, each into its own separate folder. You may save these folders anywhere on your computer, as long as you can later reference their locations.

Folder naming suggestions:

- Flood Records
- File Histories
- Hydrotechnical Summaries

4. Open **HIS 2023_M365 External.xlsm** in Microsoft Excel.
5. Go to the “**Instructions**” tab within the Excel file.

- Update the folder paths highlighted in yellow to point to the locations where Flood Records, File Histories and Hydrotechnical Summaries were previously unzipped and saved.

Stream Data - From the "Bridge List" sheet, clicking on the "Profile" button will show a profile ("Stream Profile" sheet) and plan ("Stream Plan" sheet) of the current stream, and clicking the "All Flood" button will show all flood documents for the current stream in the "Flood Doc" sheet. On the "Stream Profile" sheet, a "Slope Calculator" line will be shown. Clicking the "Update Slope" button will allow for editing the end points of this line and the updated slope value will be displayed.

Path to directory with flood documents (e.g. d:\HIS\flood) :

C:\Downloads\HIS\Flood Records

Path to directory with file histories (e.g. d:\HIS\file) :

C:\Downloads\HIS\File Histories

Path to directory with hydrotechnical summaries (e.g. d:\HIS\summaries) :

C:\Downloads\HIS\Hydrotechnical Summaries

Troubleshooting :

The files "Stream Slope.accdb" and "HIS.accdb" should be located in the same directory as this file.

To turn off sheet hiding, enter "OFF" in the cell below

OFF

About Instructions Select Stream +

- Save the **HIS 2023_M365 External.xlsm** file. This will store the updated folder paths for future use.
- The HIS application is now fully set up and ready to use.
 - Refer to the **"Instructions"** tab for additional guidance.
 - Begin accessing hydrotechnical information using the **"Select Stream"** tab.