BIP Application Templates Troubleshooting Guide

This guide addresses some warning/error messages in the BIP application templates. Errors may result from version incompatibility or blocked macros. See below for more information.

System requirements

The templates were created in Microsoft 365 Excel Version 2308 Build 16.0.16731.20182 (32-bit). Some functionality may not be available in older versions of Excel. This includes Dynamic Arrays (only available in post-2019 Microsoft 365 Excel), which are used to populate data in the following:

Data Element	Table(s)	Sheet(s)
Structure Number Dropdowns	Structure Numbers, Future Eligible Costs	1 Project Info, 2 Costs
Question 3 Dropdown	Asset Management Plan	1 Project Info (only BIP Large)
Bridge Condition Summary	Structure Condition	3 Merit Criteria
NBI Summary	NBI data	8(a) NBI Data, 9(a) NBI Exceptions

The application templates are very large files (~ 68 MB); the file size may increase computer processing time. To decrease processing time, try closing other files before loading/saving/working in the application.

Warning Message Categories:

1. Security

The BIP application templates use one macro to facilitate accessibility. Macros may have been disabled by default to protect your computer from files with macros from untrusted sources. To enable macros from trusted sources, follow the directions in the table below.

2. Custom Warning Messages

The BIP application templates use custom messages to guide the applicant. These messages always contain resolution instructions, and many messages can be avoided by proceeding in order. Notably, the Costs tab will warn the user while entering information at the top of the sheet and will resolve as the user proceeds. Most other warnings will resolve by selecting state(s) and then structure number(s) in the Project Info tab.

Warning Resolution Matrix

Message	Action

Protected View: Be careful – files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View.	1. Select the "Enable Editing" button at the end of the ribbon message
	2. If you do not see the ribbon, and are unable to edit any of the designated input cells, please do the following:
	   a. In the open document, select File.
	   b. Navigate to the "Info" tab.
	   c. Select "Enable Editing".

Blocked Content: Macros in this document have been disabled by your enterprise administrator for security reasons.	1. Close the file. 2. Open Windows File Explorer, go to the folder where you saved the file. 3. Right-click the file and choose Properties from the context menu. 4. At the bottom of the General tab, select Unblock checkbox, select OK. If you don't see the Unblock checkbox in properties, you can try unblocking all files from a specific website. Please see the guidance at the [Macro Microsoft Help page](#). This may require administrative network access.
Custom Warning Messages	Proceed in order and take the actions suggested in the message. Many can be resolved by selecting state and structure number(s) in the Project Info tab.