1. Open Data Merge.xlsx
   - Row 1 and Column A are necessary for the data merge - **do not edit.**
   - **Do not remove uneccessary columns** or the data merge will not function correctly. You may add or subtract rows.
   - Columns represent to the following data fields for each direction of travel.
     - Road Names
     - Signal Type (lit or unlit)
     - Traffic Lanes - Count
     - Traffic Lanes - Movement Pattern
     - Traffic Lanes - Corresponding image path
   - Each Direction of travel has 6 lanes and each lane has 3 image paths that are layered one above the other in the template. (This layering is used to achieve hybrid traffic patterns)
     - Northbound (NB1, NB2, NB3, NB4, NB5, NB6)
     - Eastbound (EB1, EB2, EB3, EB4, EB5, EB6)
     - Westbound (WB1, WB2, WB3, WB4, WB5, WB6)
     - Southbound (SB1, SB2, SB3, SB4, SB5, SB6)

NB1	Type_NB1.0	@image_NB1.0	Type_NB1.1	@image_NB1.1	Type_NB1.2	@image_NB1.2
2(3)	existing left	\arrows_black_left.eps	removed through	\arrows_red_through.eps		
180(280)	existing left	\arrows_black_left.eps	removed through	\arrows_red_through.eps		
0(1)	existing left	\arrows_black_left.eps	removed through	\arrows_red_through.eps		
289(335)	existing through	\arrows_black_through.eps	removed right	\arrows_red_right.eps		
0(3)	existing left	\arrows_black_left.eps	removed through	\arrows_red_through.eps		
1(43)	existing left	\arrows_black_left.eps	removed through	\arrows_red_through.eps		

NB1 = traffic count data for Northbound - Lane 1

Type_NB1.0 = Movement pattern/scenario condition (layer 1)

@image_NB1.0 = filepath for corresponding arrow type/color

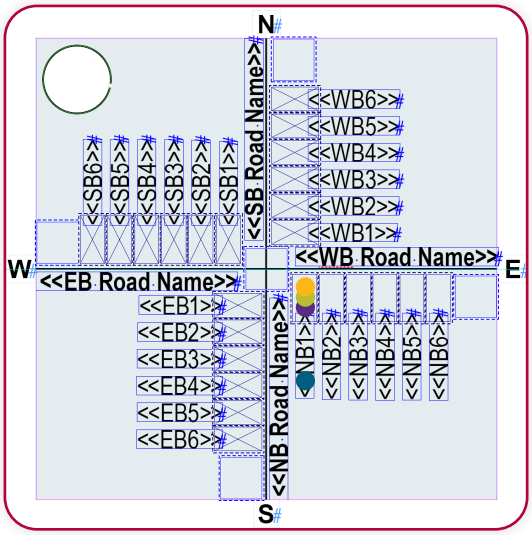
Type_NB1.1 = Movement pattern/scenario condition (layer 2)

@image_NB1.1 = filepath for corresponding arrow type/color

Type_NB1.2 = Movement pattern/scenario condition (layer 3)

@image_NB1.2 = filepath for corresponding arrow type/color

This layout repeats for all 6 lanes of travel and all 4 directions.



Type_NB1.1	@image_NB1.1
removed through	rrows_red_through.eps
removed through	\arrows_red_through.eps
removed through	\arrows_red_through.eps
removed right	\arrows_red_right.eps
removed through	\arrows_red_through.eps
removed through	\arrows_red_through.eps

   - Signal Type and Traffic Pattern cells are operated with a drop down menu that auto-populates the adjacent cell with the corresponding image file path (ie “right” = \arrow_color_right.eps)
     - **important: do not modify the cell that has the filepath.** Deleting or altering the contents of that cell will erase the formula and make it unusable in the future. Instead delete the movement pattern cell and the corresponding cell with a file path will become blank.
2. Choose the movement pattern/scenario condition desired. There are 48 options to choose from in the traffic pattern drop down menu (12 movement patterns by 4 scenario conditions).
3. Add or import the traffic count data.

4. Save the data merge excel spreadsheet then save the spreadsheet as a .CSV. From the drop down menu - be sure to select **CSV (Comma Delinieated) (*.CSV)**
   - **Important: The CSV file is NOT a working file.** It only exists to feed data to InDesign. If there are changes to be made to the data set - best practice is to make those adjustments in the Excel file and then save/save as again.
   - Its fine to change the name of the excel sheet. However it must remain in the same folder as the imagery for the links to work.
     - Project Folder > exhibit folder > resources folder: 2023 Traffic Counts_v1.xlsx and data merge.csv
   - While the excel sheet can have a project specific name - best practice would be to leave the CSV file named "data merge.csv". This will make sure the link is intact in InDesign.
5. Open the Intersection template file.
   - Make sure your workspace has the Data Merge panel activated (Window > Utilities > Data Merge)
   - The InDesign template file is formatted to represent a set of data per intersection.
   - Running the data merge function will create multiple pages - each row in the excel file (ie. intersection) creates a new page. The end result is a multi-page document that represents data across multiple intersections.
   - Run the data merge
   - In order for the data merge to work, the .CSV file must be closed
   - The process takes time - be patient