		PennDOT gINT Library & Data Template - Pending Revisions				
Library or Data Template, and Version Number	Date Submitted	Description of Issue	Interim Fix/Workaround	Resolution	Status	Date Resolved
1.2.0.0	1/15/2015	gINT and Google Earth	None	None	Under Development	
	1/15/2015	gINT and gINT Civil Tools	None	None	Under Development	
	1/15/2015	Use gINT to Place Borings on Boring Location Plan	None	None	Under Development	
	1/15/2015	Plot Soil Fences by Elevation and/or Location	None	None	Complete	Version 1.2.2.0 9-2-2015
	1/15/2015	gINT and CAMMS - Produce Reports from Lab Data	None	None	Under Development	
1.2.1.0	3/26/2015	Data template incorrectly shows ft2/day for Cc and Cr; units are dimensionless. Output reports need to show units for cv. Clarify if Cc and Cr are to be obtained from a void based ratio curve or a strain based curve in the "help block" in the input, and in the output reports.	None.	Data template revised to remove units for Cc and Cr. The data template will be updated to indicate that Cc and Cr are to be used where laboratory results are expressed in terms of void ratio. Units for cv are changed to ft2/yr. to correspond with AASHTO.	Complete.	Version 1.2.1.1 4/8/2015
1.2.1.0	3/27/2015	Data template incorrectly shows ohm-cm for Sulfates in Water on Lab Tests - Soils & Water Tab; change to ppm. Data template shows units of mg/kg for Chlorides in Water field; recommend units of ppm for consistency with output form.	None.	The data template was revised to update the units for Sulfates in Water to ppm, and to change the units for Chlorides in water to ppm. The corresponding graphic tables were updated, as needed, to reflect the same units.	Complete.	Version 1.2.1.1 4/8/2015
1.2.1.0	3/26/2015	Tracking codes run off the summary page.	None.	Tracking Codes are used to verify data template version used to produce the report. Agree that this is not the most aesthetically pleasing solution.	No change required; complete.	
1.2.1.0	3/27/2015	Top border of the structure boring log is not displayed when exported to PDF.	None.	Report headers have been adjusted to allow for a greater printer tolerance in the printable area.	Complete.	Version 1.2.1.1 4/8/2015

1.2.1.0	3/27/2015	Output of structure boring log only shows a portion of the report.	None.	On the output tab, please ensure that a paper size of SRA3 (320 x 450mm) is selected for the report properties for the PennDOT Structure Boring Log on the output tab of gINT. Please review the FAQ (Output; general) for additional information regarding selection of a default printer from the input tab.	No change required; complete.	
1.2.1.0	4/1/2015	Enhancement proposed to offset SPT values on soil fence reports to eliminate displacement in vertical alignment with depth of the SPT values and Recovery/RQD from due to interbedded soil and rock layers or closely spaced soil and rock layers.	None.	Samples with lengths less than 1.5' are offset to the left in the N-Value and REC/RED column. Callout lines have been added to designate pertinent sample.	Complete	Version 1.2.1.2 5-29-2015
1.2.1.0	4/2/2015	The Engineer's Log, Structure Boring Log, and Test Pit Log properly display only one lab test per layer. If there are multiple lab tests per layer the results wrap improperly and are not contained within the AASHTO/USCS column.	None.	Please repeat the soil layer description for each unique lab test result performed for the same soil layer. This modification to the input will prevent multiple lab classifications from appearing together for a soil layer and overlapping other text; also clearly displays lab test associated with portion of the soil layer. List of frequently asked questions has been updated to address this item, and the data template contains additional "help" regarding data entry of multiple lab tests for a single layer.	Complete	Version 1.2.1.2 5-29-2015
1.2.1.0	4/2/2015	Enhancement proposed for alternate graphing format for the Engineer's Log and Structure Boring Log to eliminate continuous plotting of SPT values through rock layers and allow for better comparison of the plotted values.	None.	Continue use of current graphing format On Engineer's Log and Structure Boring Log. Removed plotting of SPT N line through a rock layer that was "sandwiched" between soil layers.	Complete	Version 1.2.1.2 5-29-2015
1.2.1.0	4/7/2015	Add Bottom of Cut Off wall elevation Inlet (BCEI) and Bottom of Cut Off Wall Outlet (BCEO) to the Foundation Point of Interest drop down menu.	None.	BCEI and BCEO (and descriptions) added to Foundation Point of Interest library/drop down on Structure Boring/TOR tab.	Complete	Version 1.2.1.1 4/8/2015
1.2.1.0	4/7/2015	Recommend add coal fragments and red-dog to soil description tab; composition modifier.	Can be manually in soils remarks.	Added "red dog" and "coal fragments" to Standard Soils Remarks dropdown list/library.	Complete	Version 1.2.1.1 4/8/2015

1.2.1.0	4/7/2015	Recommend use two decimal places for recording depth of pavement thickness/actual pavement thickness. Rounding to 0.1' in the recovery column does not capture the actual pavement thickness. Pavement design affected by 10% inflation of pavement thickness.	None.	The number contained in the input for recovery will maintain all decimal places entered. The report rounds the information to the nearest 0.1'. As the pavement thickness will not be measured to the 0.01", enter the actual pavement thickness in the remarks column to be reported at the end of the material description. For example, "Bituminous Concrete, 9.25" thick."	Complete	
1.2.1.1	4/16/2015	Issues with fence log plotting of N values, RQD and Recovery. Extent of material description may also cause other items to have the text offset/displaced. Additional issues with graphic symbol export to .dgn or .dxf where graphic symbols have an additional line, or the background does not display properly.	None.	Sample with length less than 1.5' had an error in the text placement depth and the result was improperly placed or offset N values or Rec/RQD Values. The library has been revised to correct this issue. The materials description has been revised to incorporate abbreviations for materials, and to eliminate the composition modifier for rock descriptions and the soil size modifier or soils. In addition "little", "some" and "trace" have been abbreviated. Callout lines from material descriptions to soil layers have been added when the descriptions are offset from the soil layer. The text size for the N values and Rec/RQD has been decreased to help alleviate displacement/downward offset of text and to fit within the allotted sample space, wherever possible. Background fills for rock symbols have been removed from the symbol design and are now incorporated a background fill when the specified report is created. This eliminates the procedure for removing background fills from soil fences intended for soil profile plans. Legends containing rock symbols have been revised to display all rock symbols (not just those used not he project) to address display of background fill.	Complete.	Version 1.2.1.2 5-29-2015
1.2.1.1	5/28/2015	Graphic Report tables with columns for % Fines are not reporting the % Fines value in the column when only the input for %Fines is entered. The graphic tables will report/calculate %Fines if %Silt and %Clay are entered.	None.	gINT expression for the reporting of the %Fines in the graphic table has been updated so that if %Fines is entered in the input it will report. As before, if %Silt and %Clay are entered, the program will total the values for and report it for the %Fines.	Complete	Version 1.2.1.2 5-29-2015

1.2.1.2	6/4/2015	Fence Log with Elevation Report is not displaying the grey background for rock. Recovery and RQD in the heading for the fence are reversed. Currently shown as RQD%/REC%, it should be REC%/RQD%. Also, the fence is missing the "tick marks" designating the top of each sample	None.	The grey background fill has been added for rock graphic symbols, and heading for Recovery/RQD now displays correctly/corresponds to the output. "Tick marks" designating the top of the sample have been added to the fence.	Complete	Version 1.2.2.0 9-2-2015
1.2.1.2	7/27/2015	The Graphic Table, "PennDOT Lab Test Sum Rdwy Report 8.5x11" is reporting the Maximum Dry Density in the Optimum Moisture Column.	None.	The error has been corrected for the upcoming release; the Optimum Moisture will report in the appropriate column (not the Maximum Dry Density).	Complete	Version 1.2.2.0 9-2-2015
1.2.1.2	8/12/2015	Fields for Start Date/Time, Completion Date and Time, Completion of Grouting Date, and Water Level Date and Time, and Hammer efficiency Calibration date are to be entered in mm/dd/yy hh:min to conform to windows system settings; not the dd/mm/yy format as is currently shown in the column headers. If a valid date 8/10/2015 is entered, with the intend of October 10, 2015, gINT treats it as a mm/dd/yy entry. If the date is entered as 23/3/2015 with the intend of March 23, 2015, gINT automatically switches the date to 3/23/2015. Please update the fields in the header to show the proper mm/dd/yyyy hh:mm format.	Enter in mm/dd/yyyy hh:mm format as possible.	The column headers have been corrected for the upcoming release. The mm/dd/yyyy hh:mm format will appear in the header.	Complete	Version 1.2.2.0 9-2-2015
1.2.2.0	11/24/2015	The Engineer's Test Pit Log is incorrectly reporting the "Completion Date and Time" in the "Final Log Checked by: Date" field in the report header.	There is currently no interim fix using gINT. However, users may revise the "Checked and Sealed by: Date" on the PDF output by using Adobe and placing a text box over the incorrect date.	The Engineer's Test Pit Log will be corrected to use the input for the Log Checked and Sealed Date in the upcoming release.	Complete	Version 1.2.2.1 2-26-2016
1.2.2.0	1/5/2016	Schuylkill County is misspelled in the drop-down menu for "County".	There is currently no interim fix using gINT. However, users may revise the "Checked and Sealed by: Date" on the PDF output by using Adobe and placing a text box over the incorrect date.	The drop down list will be corrected to include the correct spelling of Schuylkill.	Complete	Version 1.2.2.1 2-26-2016
1.2.2.0	1/5/2016	Discontinuity 2 Dip 1 value on the Rock Description tab does not report correctly if a value is entered for both Discontinuity 2 Dip 1 and Discontinuity 2 Dip 2.	None.	The rock description will be corrected to include the Discontinuity 2 Dip1 value where appropriate.	Complete	Version 1.2.2.1 2-26-2016

1.2.2.0	1/12/2016	The PennDOT Lab Electrochemical table is reporting data for borings where test results do not exist; creating a table with unwanted lines of data.	The user can preview the report, note the borings having pertinent data, and then specify/select the borings with pertinent lab test information on the Output Graphic Tables tab using the Borehole ID field.	The PennDOT Lab Electrochemical Graphic Table report will be corrected to report data only when pertinent electrochemical lab test data has been entered for a boring.	Complete	Version 1.2.2.1 2-26-2016
1.2.2.0	1/12/2016	The PennDOT Lab Summary Acid Bearing Rock table is reporting data for borings where test results do not exist; creating a table with unwanted lines of data.	The user can preview the report, note the borings having pertinent data, and then specify/select the borings with pertinent lab test information on the Output Graphic Tables tab using the Borehole ID field.	The PennDOT Lab Summary Acid Bearing Rock Graphic Table Report will be corrected to report data only when pertinent electrochemical lab test data has been entered for a boring.	Complete	Version 1.2.2.1 2-26-2016
1.2.2.0	2/1/2016	The Output Logs Tab PennDOT Fence Log Solid and Hollow Representation Reports do not have the correct scale.	None.	The reports will be corrected to properly display in the specified scale.	Complete	Version 1.2.2.1 2-26-2016
1.2.2.1	2/26/2016	The Soils Description Tab does not adequately address the situation where a primary constituent does not exist. We have a lab tested sample where none of the constituents is greater than (or equal to) 35%. We cannot enter "Some Gravel, some Silt, some Clay, some Sand" with the soil descriptors/ soil fraction descriptors provided.	For the interim workaround, please enter the material with the highest percentage in the soil as "Soil 1", and enter the remaining constituents in the Soil 3, Soil 4, and Soil 5 input fields. The appropriate Soil Fraction Descriptor can be applied to Soil 3, Soil 4 and Soil 5. To address Soil 1 (with a percentage less than 35%), please indicate in the remarks field on the Soil Description Tab that the primary/Soil 1 type is not a primary constituent, for example, "*31% Gravel, gravel not a primary constituent* ".	The next release will include a Soil Fraction Descriptor for Soil 1, and the input for the Soil 2 Fraction Descriptor and will be revised to include the items "some", "little" and "trace". The output/reports will be updated to display non-primary constituents without bolding the text.	Complete	Version 1.2.2.2 9-01-2016
1.2.2.2	9/16/2016	The General Notes reports incorrectly state "The descriptions of the materials have been verified" instead of "The descriptions of the materials **_encountered_** have been verified.".	Users may edit the PDF to include the word "encountered", or they may continue to use the report as it stands until the next release.	With the next release the note will be corrected to reflect the correct verbiage per DM-4 Section 1.9.4.3.1(b)5.	Complete	Version 1.2.2.3 9-21-2016