

Summary of State Preparation Guide Changes

The State Preparation Guide dated 05/27/2014 contains the following changes versus the prior version, which is dated 11/06/2013. For brevity, the table below is limited to those changes to that provide additional information, or change the meaning of existing information in the document. Some minor changes involving changes to format or clarification of wording are not itemized.

#	Change Description	Reason for change
XML Changes		
1.	Some XML tag names were changed slightly	To eliminate naming inconsistencies that existed in the prior document, and to align XML element names with the element names on the FMIS 5 data base.
2.	The signature group tag was removed and individual signature tags have been added to both upload and download xml	This will simplify the XML structure and also is consistent with the project database structure
3.	StateId tag was added to NonGIS and GIS location tags in both upload and download XML file	A recipient such as Port Authority of NY/NJ could potentially have locations in more than one State. For typical FMIS projects which are owned by a State, the StateID will always match the State FIPS code.
4.	Fund amount tags (federal State, local, etc) were added to the NonGIS and GIS location tags	This will allow States to directly specify funding amounts as an alternative to the percent of funds.
Geospatial Rule Changes		
5.	Allow omission of geospatial data if a roadway is not on the State's LRS or if there is no map for a Congressional District.	To allow for a situation where a detail line is located in a new congressional district for which FMIS does not have a geospatial shape file.
6.	Make route ID and end-point optional when entering NBI or Tunnel number.	To avoid the temporary requirement to supply geospatial data through the FMIS system. New National Bridge and Tunnel Inventory Systems will be developed in the coming years, which FMIS will be able to use to access geospatial location data for bridges and tunnels.

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7.	Geospatial data should not be required when reopening a closed project	
Other Changes		
8.	Additional detail was added to the upload Tag Element Descriptions: <ul style="list-style-type: none"> • Business rules • Maximum length • Max number of tags for Recipient Project Number, Related Projects, etc. • Exact format of dates, mile points, percentages 	Allows the States to see the constraints that apply to each element.
9.	A “Tag Element Descriptions” section was added to describe all download data elements.	Provides a description of all data elements that are part of the download.
10.	SFTP will be used for EDS upload and download, as well as Current Bill file transfers. All references to web services have been removed from the document. “Appendix C – SFTP Instructions” has been added to the document.	Many States are not well positioned to utilize web services.
11.	“Appendix D – FMIS 4 – FMIS 5 Crosswalk” was added.	To aid States who are familiar with FMIS 4 EDS record layouts in understanding the FMIS 5 XML
12.	Transaction Date, Transaction Sequence number, and Total Cost were added to the download XML.	
13.	In the “Data Change Summary” the paragraph which describes how environmental clearance information is to be tracked (item #4) was revised.	To clarify the role that PAPAI plays as a repository of environmental clearance data.
14.	“Appendix F – Future Changes” was added.	To inform the field of changes that are planned but are not yet reflected in the FMIS 5 software.
15.	References to a 06/02/14 readiness check to get feedback from the States and Divisions regarding their readiness to use FMIS 5 has been removed	FMIS 5 has only been available to the field for a short time, therefore a new date will need to be identify to assess the readiness of the States and Divisions.
16.	Then NBI Number relocation Appendix was modified	Modifications were made to reflect that individual fund amounts can be specified for a bridge on the Bridge Relocation Spreadsheet, as an

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		alternative to assigning a percentage of project detail funds to a bridge.
17.	Postal Codes were added to the following tables in Appendix A: <ul style="list-style-type: none"> • Recipient • State • Urban Areas • Congressional Districts • Counties • Withdrawal Areas 	To provide more complete information
18.	Where applicable, State, County, Urbanized Area tables, etc. were ordered by State Postal Codes and/or Urbanized Areas	To provide a more logical order of presentation
19.	The Improvement Types and Geospatial Exception tables were reformatted. Color coding was removed and replaced with bulleting	To improve readability and address accessibility issues
20.	References to Improvement Type 2 were removed	This Improvement Type is obsolete