Files Structure Changes

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Overview

External Label List System (ELLS) will be replaced by Enhanced External Label List System (EELLS).

1.1 Data Format Requirements

1. EELLS_LABELLISTGUIDE_<DATE>_<TIME>.txt
2. EELLS_COLUMNS_<DATE>_<TIME>.txt
3. EELLS_L000_<DATE>_<TIME>. txt
4. EELLS_L001_<DATE>_<TIME>. txt
5. EELLS_L002_<DATE>_<TIME>. txt
6. EELLS_L003_<DATE>_<TIME>. txt
7. EELLS_L004_<DATE>_<TIME>. txt
8. EELLS_L005_<DATE>_<TIME>. txt
9. EELLS_L006_<DATE>_<TIME>. txt
10. EELLS_L007_<DATE>_<TIME>. txt
11. EELLS_L008_<DATE>_<TIME>. txt
12. EELLS_L009_<DATE>_<TIME>. txt
13. EELLS_L010_<DATE>_<TIME>. txt
14. EELLS_L011_<DATE>_<TIME>. txt
15. EELLS_L012_<DATE>_<TIME>. txt
16. EELLS_L201_<DATE>_<TIME>. txt
17. EELLS_L601_<DATE>_<TIME>. txt
18. EELLS_L602_<DATE>_<TIME>. txt
19. EELLS_L605_<DATE>_<TIME>. txt
20. EELLS_L606_<DATE>_<TIME>. txt
21. EELLS_L607_<DATE>_<TIME>. txt
22. EELLS_L801_<DATE>_<TIME>. txt

2. Each file contained with the ZIP file will be a pipe-delimited ("|") file, with a pipe appearing after every field except the last field. These files will be formatted in ASCII text, with no header or footer records. NULLs will be represented as zero-length fields within adjacent pipes.

3. The file definitions for each file will vary; however, all records within a file must have the same definition.

4. All numeric data will have a sign only if it is negative. The negative sign will be the leftmost byte.

Changes:

- Following files will no longer be provided:
  - EELLS_CINGROUPS_<DATE>_<TIME>.txt
  - EELLS_SUPPLEMENTAL_<DATE>_<TIME>.txt. EELLS will not provide the Supplemental Guide File which is used for decode values, instead, EELLS will provide the actual code value in label list data files.
  - EELLS_L603_<DATE>_<TIME>.txt
  - EELLS_L604_<DATE>_<TIME>.txt

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3. Source File Descriptions and Layouts

3.3 Label List Guide

Source Name: EELLS_LABELLISTGUIDE_<DATE>_<TIME>.txt
Source Description: The Label List Guide file contains a listing of all the active label lists within the EELLS system. The number of label list records found within the Label List Guide file indicates the total number of label data files that can be expected within the EELLS Extract; for every record in the Guide file, there should be a corresponding EELLS_L<List Code>_<DATE>_<TIME>.txt file found within the extract. Along with the label list codes, each record in the Label List Guide file contains descriptive information and codes pertaining to the corresponding label list.

Changes:

- LIST_ID is removed from the file. The Label List Guide File will not provide LIST_ID anymore. However, the Label List Guide File contains the designated list code, list series, list name, description, structural type code, hierarchical information, and associated discount code for each label list. Used in conjunction with the label data files, Column File, this file provides the necessary information to process the data for any label list and its label data.
- WARN_LIST_ID is removed from the file. The Label List Guide File will not provide WARN_LIST_ID anymore
- EELLS will not provide the Supplemental Guide File which is used for decode values, instead, EELLS will provide the actual code value in label list data files. Actual code value data will be provided for the following fields:
    - LIST_SERIES
    - STRUCT_TYPE
    - RESTRICT_LIST_CODE (NOTE: the field description has been changed from RESTRICT_LIST_ID to RESTRICT_LIST_CODE)

Updated File Layout:

Field Reference Number	Field Description	Field Data Type	Definition
1	LIST_CODE	VARCHAR2(4)	A unique list code assigned to each label list (e.g. – L004)
2	LIST_SERIES	VARCHAR2(4)	EELLS will provide the actual code for LIST_SERIES (e.g. - L000, L200, L600, L800)
3	LIST_NAME	VARCHAR2(100)	The full-text name of the label list (e.g. - 3-Digit ZIP Code Prefix Groups - ADC Sortation)
4	LIST_DESC	VARCHAR2(2000)	A description of the label list (e.g. - L004 describes the service area by individual 3-digit ZIP Code prefix…)
5	STRUCT_TYPE	VARCHAR2(10)	EELLS will provide the actual code for structure types. (e.g. – ZIP Code - Label To)
6	RESTRICT_LIST_CODE	NUMBER(10)	EELLS will provide the actual code for restrict list. (e.g. – L004)
8	ASSOC_DISC	VARCHAR2(9)	The Discount Type will be actual code value. (e.g. – ADC)
9	LAST_UPDT_DTM	VARCHAR2(8)	Last date that the label list was updated in EELLS (e.g. 04052007)

3.4 Column Guide

Source Name: EELLS_COLUMNS_<DATE>_<TIME>.txt
Source Description: The Column Guide File contains column information that map to each label list. The file contains sequence numbers for each column found in each list to be used in conjunction with the Label Data File. Column Type,

Name, and Description are included for each column. The fields are pipe-delimited in the order specified below where null values are displayed as two adjacent pipes ("|") with no spaces between.

Changes:

- No Changes

Updated File Layout:

Field Reference Number	Field Description	Field Datatype	Definition
1	LIST_CODE	VARCHAR2(4)	The unique list code of the label list to which the column belongs (e.g. – L004)
2	COLUMN_SEQ_NUM	VARCHAR2(2)	Number indicated the position of the column in the label list (1-4)
3	COLUMN_TYPE	VARCHAR2(10)	Column type: 3DZIP – 3-Digit ZIP Code, 5DZIP – 5-Digit ZIP Code, FACILITY – Entry Faciliy, LABEL – Label To
4	COLUMN_NAME	VARCHAR2(100)	The full-text name of the column (e.g. Destination ZIP Codes)
5	COLUMN_DESC	VARCHAR2(2000)	A description of the column (e.g. - When the 5-digit scheme sort is used, mail for the 5-digit ZIP Codes shown in Column A must be combined on pallets or in sacks as follows)
6	LAST_UPDT_DTM	VARCHAR2(8)	Last date that the column was updated in EELLS (e.g. 04052007)

3.5 EELLS Label Files

Source Name: EELLS_<LIST CODE>_<DATE>_<TIME>.txt

Source Description: The label files are created and named according to their designated label list code. The label files that are created and their structure type can be found in the *Label List Guide* mentioned in Section 3.2. The number of records found in the *Label List Guide* file will determine the number of Label files, and the LIST_CODE for each label list record will provide the unique identifier in the filename for each label file.

EELLS will not provide Supplemental File any more. All decoded values which are used from Supplemental File in ELLS will be provided by EELLS with actual values
There are currently 4 different structure types and corresponding file layouts in the EELLS Label Files:

Source Layout:
(Note: The fields are pipe-delimited in the order specified below where null values are displayed as two adjacent pipes ("|") with no spaces between.)

Structure Type: "ZIP Code - Label To"
Structure Type Value: 0
Label Lists that use this Structure Type: L000, L001, L002, L003, L004, L005, L007, L008, L009, L011, L012, L601, L602, L605, L606, L607, L801

Changes:

- Order of records will be different. Before the data was ordered by label_id.
- EELLS will not provide the Supplemental Guide File which is used for decode values, instead, EELLS will provide the actual code value in label list data files. Actual code value data will be provided for the following fields:
  - DEST_ZIP_CODE_SPECIAL_IND
  - DEST_SPECIAL_IND

- SCHEME_GROUP
- FTNOTE_TYPE

Updated File Layout for
L000, L001, L002, L003, L004, L005, L007, L008, L009, L011, L012, L601, L602, L605, L606, L607, L801:

Field Reference Number	Field Description	Field Datatype	Content Notes
1	LABEL_ID	NUMBER(10)	Unique Sequence number assigned by EELLS
2	ACTION_CODE	VARCHAR2(1)	A single-character action code that indicates what action was performed on the data record. (e.g. N – unchanged, A – add, D – delete, F – future label record)
3	DEST_ZIP_CODE	VARCHAR2(5)	A ZIP Code value contained in the label record
4	DEST_ZIP_CODE_SPECIAL_IND	VARCHAR2(4)	The actual special_ind code of the label will be provided
5	MAIL_CLASS	VARCHAR2(10)	Mail Class association, if applicable (e.g. PER, STD)
6	PREFIX_TXT	VARCHAR2(4)	The printed prefix on the label that displays first. (e.g. ADC)
7	DEST_TEXT	VARCHAR2(25)	The printed text on the label for the destination (e.g. – PHILADELPHIA)
8	ST_CODE	CHAR(2)	Two-character state code (e.g. – PA)
9	ZIP_CODE	VARCHAR2(5)	3-Digit or 5-Digit ZIP Code
10	DEST_COL_SEQ_NUM	VARCHAR2(2)	Column Sequence Value from Column Guide File
11	LCLE_KEY	VARCHAR2(6)	Unique 6-character key that designated a facility (e.g. - Z17891)
12	DEFAULT_IND	VARCHAR2(4)	Indicates if label has a default destination discount
13	DEST_SPECIAL_IND	VARCHAR2(4)	The actual special_ind code of the label will be provided
14	SCHEME_GROUP	VARCHAR2(4)	The actual scheme_group code of the label will be provided
15	FTNOTE_TYPE	VARCHAR2(4)	The actual footNote code of the label will be provided
16	EFF_START_DATE	VARCHAR2(8)	Effective start date of the label (e.g. 01012006)
17	EFF_END_DATE	VARCHAR2(8)	Effective end date of the label (e.g. 12312999)
18	GRACE_DATE	VARCHAR2(8)	Grace date for the label (e.g. 01312006)
19	LAST_UPDT_DTM	VARCHAR2(8)	Last date that the label was updated in EELLS (e.g. 04052007)

Structure Type: "Entry Facility - Label To"
Structure Type Value: 1
Label Lists that use this Structure Type: L010

Changes:

- Order of records will be different. Before the data was ordered by label_id.
- EELLS will not provide the Supplemental Guide File which is used for decode values, instead, EELLS will provide the actual code value in label list data files. Actual code value data will be provided for the following fields:
  - DEST_SPECIAL_IND
  - SCHEME_GROUP
  - FTNOTE_TYPE
- ENTRY_FAC_SPECIAL_IND null value. ENTRY_FAC_SPECIAL_IND will have null value since Special Indicator is not used for Entry Facility

Updated File Layout for L010:

Field Reference Number	Field Description	Field Datatype	Content Notes
1	LABEL_ID	NUMBER(10)	Unique Sequence number assigned by EELLS
2	ACTION_CODE	VARCHAR2(1)	A single-character action code that indicates what action was performed on the data record. (e.g. N – unchanged, A – add,

Field Reference Number	Field Description	Field Datatype	Content Notes
			D – delete, F – future label record)
3	ENTRY_FAC_LCLE_KEY	VARCHAR2(6)	Unique 6-character key that designated a facility (e.g. - Z17891)
4	ENTRY_FAC_TYPE	VARCHAR2(4)	The printed facility type on the label that displays first. (e.g. BMC)
5	ENTRY_FAC_TEXT	VARCHAR2(25)	The printed text on the label for the entry facility (e.g. – NEWARK)
6	ENTRY_FAC_SPECIAL_IND	VARCHAR2(4)	Will be null value since special indicator is not used for Entry Faclity
7	PREFIX_TXT	VARCHAR2(4)	The printed prefix on the label that displays first. (e.g. ADC)
8	DEST_TEXT	VARCHAR2(25)	The printed text on the label for the destination (e.g. – PHILADELPHIA)
9	ST_CODE	CHAR(2)	Two-character state code (e.g. – PA)
10	ZIP_CODE	VARCHAR2(5)	3-Digit or 5-Digit ZIP Code
11	DEST_COL_SEQ_NUM	VARCHAR2(2)	Column Sequence Value from Column Guide File
12	LCLE_KEY	VARCHAR2(6)	Unique 6-character key that designated a facility (e.g. - Z17891)
13	DEST_SPECIAL_IND	VARCHAR2(4)	The actual special indicator code will be provided
14	SCHEME_GROUP	VARCHAR2(4)	The actual scheme group code will be provided
15	FTNOTE_TYPE	VARCHAR2(4)	The actual footNote code of the label will be provided
16	EFF_START_DATE	VARCHAR2(8)	Effective start date of the label (e.g. 01012006)
17	EFF_END_DATE	VARCHAR2(8)	Effective end date of the label (e.g. 12312999)
18	GRACE_DATE	VARCHAR2(8)	Grace date for the label (e.g. 01312006)
19	LAST_UPDT_DTM	VARCHAR2(8)	Last date that the label was updated in EELLS (e.g. 04052007)

Structure Type: "Scheme"
Structure Type Value: 2
Label Lists that use this Structure Type: L201

Changes:

- Order of records will be different. Before the data was ordered by label_id.
- Columns A, B, C that belong to the same label have the same label id. The current file has different label id for each column (A, B and C) within the same label id. In new files label id will be the same for the columns that belong to the same label.
- EELLS will not provide the Supplemental Guide File which is used for decode values, instead, EELLS will provide the actual code value in label list data files. Actual code value data will be provided for the following fields:
    - ZIP_CODE_SPECIAL_IND
    - DEST_SPECIAL_IND
    - SCHEME_GROUP
    - FTNOTE_TYPE
-

Updated File Layout for L201:

Field Reference Number	Field Description	Filed Datatype	Content Notes
1	LABEL_ID	NUMBER(10)	Unique Sequence number assigned by EELLS
2	ACTION_CODE	VARCHAR2(1)	A single-character action code that indicates what action was performed on the data record. (e.g. N – unchanged, A – add, D – delete, F – future label record)
3	COL_ZIP_CODE	VARCHAR2(5)	3-Digit or 5-Digit ZIP Code

Field Reference Number	Field Description	Filed Datatype	Content Notes
4	ZIP_CODE_SPECIAL_IND	VARCHAR2(4)	The actual special indicator code will be provided
5	ZIP_CODE_GROUP_COL_SEQ_NUM	VARCHAR2(2)	Column Sequence Value from Column Guide File
6	MAIL_CLASS	VARCHAR2(4)	Mail Class association, if applicable (e.g. PER, STD)
7	PREFIX_TXT	VARCHAR2(4)	The printed prefix on the label that displays first. (e.g. ADC)
8	DEST_TEXT	VARCHAR2(25)	The printed text on the label for the destination (e.g. – PHILADELPHIA)
9	ST_CODE	CHAR(2)	Two-character state code (e.g. – PA)
10	ZIP_CODE	VARCHAR2(5)	3-Digit or 5-Digit ZIP Code
11	DEST_COL_SEQ_NUM	VARCHAR2(2)	Column Sequence Value from Column Guide File
12	LCLE_KEY	VARCHAR2(6)	Unique 6-character key that designated a facility (e.g. - Z17891)
13	DEST_SPECIAL_IND	VARCHAR2(4)	The actual special indicator code will be provided
14	SCHEME_GROUP	VARCHAR2(4)	The actual scheme group code will be provided
15	FTNOTE_TYPE	VARCHAR2(4)	The actual footnote type code will be provided
16	EFF_START_DATE	VARCHAR2(8)	Effective start date of the label (e.g. 01012006)
17	EFF_END_DATE	VARCHAR2(8)	Effective end date of the label (e.g. 12312999)
18	GRACE_DATE	VARCHAR2(8)	Grace date for the label (e.g. 01312006)
19	LAST_UPDT_DTM	VARCHAR2(8)	Last date that the label was updated in EELLS (e.g. 04052007)

Structure Type: "Site Scheme"
Structure Type Value: 3
Label Lists that use this Structure Type: L006

Changes:

- Order of records will be different. Before the data was ordered by label_id.
- EELLS will not provide the Supplemental Guide File which is used for decode values, instead, EELLS will provide the actual code value in label list data files. Actual code value data will be provided for the following fields:
    - SCHEME_GROUP
    - FTNOTE_TYPE
-

Updated File Layout for L006:

Field Reference Number	Field Description	Filed Datatype	Content Notes
1	LABEL_ID	NUMBER(10)	Unique Sequence number assigned by EELLS
2	ACTION_CODE	VARCHAR2(1)	A single-character action code that indicates what action was performed on the data record. (e.g. N – unchanged, A – add, D – delete, F – future label record)
3	ZIP_CODE	VARCHAR2(5)	5-Digit ZIP Code
4	SCHEME_PREFIX	VARCHAR2(3)	The printed facility type on the label that displays first. (e.g. FSS)
5	SCHEME_CITY	VARCHAR2(30)	The printed text on the label for the entry facility (e.g. – NEWARK)
6	SCHEME_STATE	VARCHAR2(2)	2 character abbreviation for the "SCHEME" state
7	SCHEME_ID	VARCHAR2(5)	5-Digit ZIP Code
8	SCHEME_LOCATION	VARCHAR2(6)	Local Key used to identify scheme facility
9	SITE_PREFIX	VARCHAR2(3)	The site prefix type
10	SITE_CITY	VARCHAR2(30)	Free form text for the SITE "CITY"

Field Reference Number	Field Description	Filed Datatype	Content Notes
11	SITE_STATE	VARCHAR2(2)	2 character abbreviation for the “SITE” state
12	SITE_ID	VARCHAR2(3)	3-Digit zip code of the site
13	SITE_LOCATION	VARCHAR2(6)	Local key used to identify the site facility
14	SCHEME_GROUP	VARCHAR2(4)	The actual scheme group code will be provided
15	FTNOTE_TYPE	VARCHAR2(4)	The actual footnote type code will be provided
16	EFF_START_DATE	VARCHAR2(8)	Effective start date of the label (e.g. 01012006)
17	EFF_END_DATE	VARCHAR2(8)	Effective end date of the label (e.g. 12312999)
18	GRACE_DATE	VARCHAR2(8)	Grace date for the label (e.g. 01312006)
19	LAST_UPDT_DTM	VARCHAR2(8)	Last date that the label was updated in EELLS (e.g. 04052007)