NCOA^{Link}® Layout C

This layout contains:
- New address data - If a new address is obtained in the NCOA^{Link}, LACS^{Link}® or Suite^{Link}™ process
- Standardized address data - Standardized original address if no new address is found
- Original address data - If a record is not ZIP + 4® coded and no new address is found, you will receive your original address unaltered. If a record is not ZIP + 4® coded and it is potentially foreign, you will receive your original address unaltered.
- A number of additional fields to help you interpret the updated data

Notes regarding NCOA^{Link} & LACS^{Link} :
- Both return a new address that is DPV confirmed with DPV codes for the new address
- Unless specified otherwise, address information is blanked on records with moves where no new address is available

FIELD NAME	LENGTH	DESCRIPTION
ZIP + 4 (ZIP4)	4	ZIP + 4 Code. If input file has a 9 or 10 digit ZIP Code™ field, this data will be placed in that field.
Delivery Point (DPBC) (DLVPNT)	2	Delivery point digits required for generating delivery point barcode.
DPBC Check Digit (CHKDGT)	1	Check digit for POSTNET barcode.
Carrier Route Code (CRRT)	4	Carrier route code.
Line of Travel (LOT) Number (LOTNO)	4	Line of Travel (LOT) number for carrier route mailings.
LOT Order (LOTORD)	1	LOT ascending or descending sort flag.
County Code (COUNTY)	3	Three digit county code
NDI Apartment Indicator (APTIND)	1	National Deliverability Index (NDI) scoring for apartment addresses. 1 = Apartment address with missing or invalid secondary information 2 = Apartment address with apartment number (affirmed) Blank = Not apartment address, not ZIP + 4 coded, or NCOA^{Link} match
NDI RR/HC Indicator (RRIND)	1	National Deliverability Index (NDI) scoring for RR/HC addresses. 1 = RR/HC address with missing or invalid Box Number 2 = RR/HC address with Box Number (Affirmed) Blank = Not RR/HC address, not ZIP + 4 coded, or NCOA^{Link} match
ZIP™ Flag (ZIPFLG)	1	Provides information about ZIP Code. 1 = ZIP not changed, address is in a valid range for input ZIP 2 = ZIP changed, address is in a valid range for new ZIP Blank = ZIP Code could not be validated for input address, or NCOA^{Link} match
Gender Code (GENDER)	1	Gender code as assigned by the NCOA^{Link} Licensee proprietary logic used for the purpose of NCOA^{Link} matching. M = Male B = Both F = Female C = Company U = Undetermined
Match Type (COA_MOVTYP)	1	The type of match made during processing. B = NCOA^{Link} match with company name (Business) F = NCOA^{Link} match with last name (Family) I = NCOA^{Link} match with first and last name (Individual) P = Proprietary change-of-address match (code can only be returned if service is requested) R = LACS^{Link} match S = Suite^{Link} match
NCOA^{Link}/LACS^{Link} Delivery Code (COA_DLVCOD)	1	Helps to determine whether a new address is available. Change-of-address (COA) address is provided only for records with code M, S, L & T. M = Forwardable move K = Moved left no forwarding address (address & ZIP Code will be blanked) G = PO Box closed (address & ZIP Code will be blanked) F = Moved to a foreign address (address & ZIP Code will be blanked) L = LACS^{Link} Conversion S = Forwardable move, Secondary address can not be confirmed. T = Suite^{Link} Match P = Temporary Move, or Moved - new primary address can not be confirmed or converted to a deliverable address; no forwarding address provided. Old address returned (standardized).
NCOA^{Link} Move Effective Date (COA_MOVDAT)	6	Supplied by the USPS, date the move became effective (yyyymm format). Filled with date processed for LACSLink matches.

FIELD NAME	LENGTH	DESCRIPTION
LACS^{Link} Record Type (LAC_RECTYP)	2	LACS^{Link} record types for LACS^{Link} matches. Identifies the type of address conversion as found on the LACS^{Link} file. 05 = RR/HC with Box to Street Type 07 = Street Type to Street Type
COA Footnote Codes (COA_FTNTS)	2	NCOA^{Link} Footnotes defined by USPS. A = NCOA^{Link} Match: Name match with no footnotes A1 = NCOA^{Link} Match: Middle Name/Initial not present A2 = NCOA^{Link} Match: Matched full Middle Name to Initial A3 = NCOA^{Link} Match: Matched full First Name to Initial A4 = NCOA^{Link} Match: Family Move, First/Middle Name different
ZIP + 4 Early Warning System (EWS) (Z4EWS)	1	EWS Flag for the input address. Y = Matched to EWS file N = Not an EWS match EWS consists of records containing partial address information limited to the street name, pre- and post- directionals and the ZIP code. For an address record to be EWS eligible, it must be an address not present on the most recent monthly production ZIP + 4 file. Blank = NCOA^{Link} match
Delivery Point Validation Vacant Indicator (DPV_VACANT)	1	Indicates whether or not the input address matched to the DPV vacant table. An address that was active in the past, but not currently occupied (usually over 90 days) and is not receiving mail. The address could receive delivery again. Vacant does not apply to seasonal addresses. Y = Address is a vacant N = Address is not vacant Blank = Record not presented for vacant match
Delivery Point Validation Return Code (DPV_FLAG)	1	Indicates whether or not the input address matched to the DPV database and the results of the match. Y = Delivery Point Validated. Primary number valid and secondary number when present. S = Valid primary number; but secondary number (primary for RR) present and is not confirmed. D = Valid primary number; input missing secondary number (primary RR). N = No Delivery Point Validation M = Multiple match. No Delivery Point Validation. Blank = Address not presented to the DPV table.
Delivery Point Validation CMRA Flag (DPV_CMRA)	1	Indicates whether or not the input address is a Commercial Mail Receiving Agency (CMRA). Y = Address is a CMRA N = Address is not a CMRA Blank = Record not presented to CMRA match
Delivery Point Validation No Stat Indicator (DPV_NOSTAT)	1	If an address is flagged as 'No Stat' the USPS has found one of the following cases: vacant property, address receives mail as a part of a drop, or address does not have an established delivery yet. Y = Address is flagged as No Stat in DPV data N = Address is not No Stat Blank = Address was not looked up
Optional Services Match Flag (OPT_FLAGS)	3	Only filled when optional services are requested. A = Advanced Address Correction U = Apartment/Unit number corrected or appended B or P = Proprietary change of address
Status (STATUS)	6	ZIP + 4 error and status codes for input address. See the last page of the .ajs file provided with your output for more information.
DPV Footnotes (DPV_FTNTS)	4	DPV codes for the input address. AA = Input address ZIP + 4 matched A1 = Input address ZIP + 4 not matched BB = Input address DPV matched (all components) CC = Input address DPV primary number match, secondary number not DPV confirmed F1 = Input address matches a military address G1 = Input address matches a general delivery address M1 = Input address primary number missing M3 = Input address primary number invalid N1 = Input address DPV primary number match, high-rise address missing secondary number P1 = Input address missing PO, RR, or HC Box number P3 = Input address PO, RR, or HC Box number invalid R1 = Input address DPV matched to CMRA but PMB number not present RR = Input address DPV matched to CMRA U1 = Input address matches a unique address

FIELD NAME	LENGTH	DESCRIPTION

NCOA^{Link} Return Code
(COA_RTNCD)

Length: 2

New address provided for return codes A, 91 and 92 only. All new addresses are DPV confirmed.

A = COA match.
    The input record matched to a business, individual or family type master file record. A new address could be furnished.

00 = No match.
    The input record could not be matched to a master file record. A new address could not be furnished.

01 = Found COA: Foreign move. New address not provided.
    The input record matched to a business, individual or family type master file record but the new address was outside USPS delivery area.

02 = Found COA: Moved left no address (MLNA). New address not provided.
    The input record matched to a business, individual or family type master file record and the new address was not provided to USPS.

03 = Found COA: Box closed no order (BCNO). New address not provided.
    The input record matched to a business, individual or family type master file record which contains an old address of PO Box that has been closed without a forwarding address provided.

04 = Cannot match COA: Street address with secondary.
    In the Standard mode utilizing Family matching logic the input record matched to a family record type on the master file with an old address that contained secondary information which obtained a ZIP + 4 street level match. The input record does not contain secondary information. This address match situation requires individual name matching logic to obtain a match and individual names do not match.

05 = Found COA: New 11-digit DPBC is ambiguous. New address not provided.
    The input record matched to a business, individual or family type master file record. The new address on the master file record could not be converted to a deliverable address because the DPBC represents more than one delivery point.

06 = Cannot match COA: Conflicting directions: Middle name related.
    There is more than one COA (individual or family type) record for the match algorithm and the middle names or initials on the COAs are different. Therefore, a single match result could not be determined.

07 = Cannot match COA: Conflicting directions: Gender related.
    There is more than one COA (individual or family type) record for the match algorithm and the genders of the names on the COAs are different. Therefore, a single match result could not be determined.

08 = Cannot match COA: Other conflicting instructions.
    The input record matched to two master file (business, individual or family type) records. The two records in the master file were compared and due to differences in the new addresses, a match could not be made.

09 = Cannot match COA: High-rise default
    The input record matched to a family record on the master file from a High-rise address ZIP + 4 coded to the building default. This address match situation requires individual name matching logic to obtain a match and individual names do not match.

10 = Cannot match COA: Rural default.
    The input record matched to a family record on the master file from a Rural Route or Highway Contract Route address ZIP + 4 coded to the route default. This address situation requires individual name matching logic to obtain a match and individual names do not match.

11 = Cannot match COA: Individual match: Insufficient COA name for match.
    There is a master file (individual or family type) record with the same surname and address but there is insufficient name information on the master file record to produce a match using individual matching logic.

12 = Cannot match COA: Middle name test failed.
    The input record matched to an individual or family record on the master file with the same address and surname. However, a match cannot be made because the input name contains a conflict with the middle name or initials on the master file record.

13 = Cannot match COA: Gender test failed.
    The input record matched to a master file (individual or family type) record. A match cannot be made because the gender of the name on the input record conflicts with the gender of the name on the master file record.

14 = Found COA: New address would not convert at run time. New address not provided.
    The input record matched to a master file (business, individual or family type) record. The new address could not be converted to a deliverable address.

15 = Cannot match COA: Individual name insufficient.
    There is a master file record with the same address and surname. A match cannot be made because the input record does not contain a first name or contains initials only.

16 = Cannot match COA: Secondary number discrepancy.
    The input record matched to a street level individual or family type record. However, a match is prohibited based on 1 of the following reasons: 1) There is conflicting secondary information on the input and master file record; 2) the input record contained secondary information and matched to a family record that does not contain secondary information. In item 2, this address match situation requires individual name matching logic to obtain a COA match and individual names do not match.

FIELD NAME	LENGTH	DESCRIPTION

NCOALink **Return Code**
(COA_RTNCD) — Length: 2

17 = Cannot match COA: Other insufficient name.
The input record matched to an individual or family master file record. The input name is different or not sufficient enough to produce a match.

18 = Cannot match COA: General delivery.
The input record matched to a family record on the master file from a General Delivery address. This address situation requires individual name matching logic to obtain a match and individual names do not match.

19 = Found COA: New Address not ZIP + 4 coded, New address primary number not DPV confirmable or Temporary Change Of Address - There is a change of address on file but the new address cannot be ZIP + 4 coded and therefore there is no 11-digit DPBC to store or return, the new address primary number cannot be confirmed on DPV or the new address is temporary.

20 = Cannot match COA: Conflicting directions after re-chaining.
Multiple master file records were potential matches for the input record. The master file records contained different new addresses and a single match result could not be determined.

66 = Daily delete. New address not provided.
The input record matched to a business, individual or family type match that is present in the daily delete file. No change is returned. Records in the daily delete file are pending deletion. Reasons include the following: move was filed as family when it should have been individual, move filed that should not have been, mistakes in data provided to the USPS.

91 = COA Match: Secondary number dropped from COA.
The input record matched to a master file record. The master file record had a secondary number and the input address did not. The record is a ZIP + 4 street level match.

92 = COA Match: Secondary number dropped from input address.
The input record matched to a master file record, but the input address had a secondary number and the master file record did not. The record is a ZIP + 4 street level match.

SuiteLink **Return Code**
(STE_RTNCD) — Length: 2

A = SuiteLink match.
The input record matched to a master file record. Secondary information was furnished.

00 = No match.
The input record could not be matched to a master file record. Secondary information could not be furnished.

Suppression Flags
(SUPP_FLAGS) — Length: 10

Suppression & duplicate identification flags (field and codes returned only if service/s are requested)
A = Deceased
B = DMA Preference do-not-mail
C = Prison
D = Duplicate record
E = Keep record
F = Non duplicate

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