

Specifications and Test Scenarios for Form R-540V-SD (2017)

## **Specifications:**

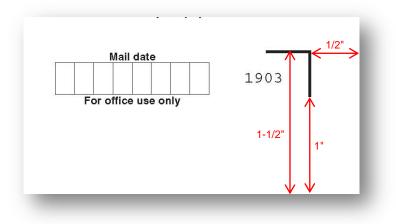
**Size:** The size of the detached voucher must be 8-1/2" x 3-5/8" and should be printed at the bottom of an 8-1/2" x 11" sheet.

**Vendor Code:** Each software vendor who develops a substitute of Form R-540V must have a fourdigit vendor code approved by the Louisiana Department of Revenue. This number remains the same each year and must appear at the top of the voucher on Line 45 in Positions 17-20.

**Document Identification Number:** The document identification number for Form R-540V-SD for the tax year 2017 is **1903** and must be printed on Line 59 in Positions 74 through 77. The font of the document identification number **must** be Courier 12-point (10 characters per inch).

Reference Mark: A reference mark must be printed on the voucher and shall consist of:

- A 2-point 1/2" **horizontal line**, positioned 1/2" from the right edge and 1-1/2" from the bottom edge, and
- A 2-point 1/2" vertical line, positioned 1/2" from the right edge and 1" from the bottom edge.



Barcode: A barcode must be printed on the voucher according to the following specifications:

- The barcode is a "three of nine" type,
- Reads 1903, which is the document identification number,
- Is 3/8" in height, and
- Is positioned 1/2" from the left edge and 7/8" from the bottom edge.

**Scan Line:** The scan line must be printed on Line 63 in Positions 11 through 76. It is preferred that an OCR-A font be used; however, a Courier 12-point font is acceptable. Whichever font utilized must be spaced at 10 cpi (characters per inch). A layout of the scan line is as follows:

#### AAAAB---CCCCCCCCD-EEE--FFFFFFF-GGGGGGGGG-HHHHHHHHHIJJJJJJJJJJJJJK-L

A = Document identification number (4 digits), which is **1903**.

- B = Check digit (1 digit) for the document identification number, which (in this case) is 4.
- C = Primary social security number (9 digits).
- D = Check digit (1 digit) for the primary social security number.
- E = Tax type code, which is 663.
- F = Taxable period (8 digits -- mmddyyyy), which is **12312017** for the 2017 tax year.
- G = This field (8 digits) is an open field, which is all zeros—00000000.
- H = Secondary social security number (9 digits).
- I = Check digit (1 digit) for the secondary social security number. Zero-fill if this field is not applicable.

J = Amount of payment (10 digits--\$\$\$\$\$\$\$¢¢). Zero-fill blank data area.

- K = Check digit (1 digit) for the amount of payment.
- L = Check digit (1 digit) for Fields C, D, E, F, G, H, I, J, AND K.

- = Blank space.

NOTE: The **check digits** contained in the scan line are derived using the Modulus 10 self-check digit computation found on Page 3.

Example:Primary social security number= 567-10-2345Secondary social security number= 343-21-3434Amount of payment= \$1,450.00

Scan line should be:

19034 5671023454 663 12312017 0000000 3432134348 00001450006 7

**Placement:** Illustrated below is the placement of the document identification number, reference mark, barcode, and scan line in relation to a 6 x 10 grid.

46	R-540V-SD (1/18) INDIVIDU	JAL INCOME TAX ELECTRONIC FILING PA	YMENT VOUCHER 2017		
	Your Name				
48	If Joint Return, Spouse's Name				
50	Address				
	City	State ZIP	Amount of payment (DO NOT SEND CASH)		
52			\$		
54					
	Your Social Security Number	Make payment to: Louisiana Department of Revenue	Please include the last four digits of		
56	Spouse's Social Security Number	P. O. Box 3550	your Social Security Number on your payment		
		Baton Rouge, LA 70821-3550			
58			Mail date		
			1903		
			For office use only		
30					
60	19034 567102	23454 663 12312017 0000000 34	32134348 00001450006 7		

### Modulus 10 Self-check Digit Computation:

- 1. Multiply the unit's position and every alternate position of the base number by 2 starting with right most position.
- 2. Add the digits in the products to the digits in the base number that were not multiplied.
- 3. Subtract the sum from the next higher number ending in zero. The difference is the self-check digit.

#### Example:

Base Number	499865559
Right most position and every other position	95694
Multiply by 2.	18, 10, 12, 18, 8
Add the digits in the product.	(1+8), (1+0), (1+2), (1+8), 8
Digits not multiplied.	5589
Add.	(1+8)+5+(1+0)+5+(1+2)+8+(1+8)+9+8
Sum	57
Next higher number ending in zero	60
Subtract.	60-57
Self-check digit	3

# **Test Scenarios:**

Please prepare the necessary payment vouchers (4 total) using the various test scenarios below. Each voucher must be completed in its entirety, including the scan line.

Mail your test samples to:	Attention: Forms Management Unit
	Tax Administration Division
	Louisiana Department of Revenue
	617 N. Third St.
	Baton Rouge, LA 70802-5428

Scenario 1		Mickey and Minnie Mouse P.O. Box 1490 Wilson, TX 79381-0203
	Primary SSN: Secondary SSN:	
	Taxable Period:	12/31/2017
	Balance Due:	\$5,700.00
Scenario 2	Taxpayer's Name: Address:	Donald Duck 1838 Villa Mansion Dr. Dallas, TX 75238-0101
	Primary SSN: Secondary SSN:	
	Taxable Period:	12/31/2017
	Balance Due:	\$893.00
Scenario 3	Taxpayer's Name: Address:	Daffy Duck 520 Winter Park Drive Shreveport, LA 71119-9898
	Primary SSN: Secondary SSN:	
	Taxable Period:	12/31/2017
	Balance Due:	\$64.00
Scenario 4		Donald and Daffy Duck 3319 Clement Street Port Arthur, TX 77642-9998
	Primary SSN: Secondary SSN: Taxable Period:	333-33-3333