

## Definitions

A bank reconciliation (Required) is the process of matching the balances in an entity's accounting records for a cash account to the corresponding information on a bank statement(s).

A proof of cash (Not Required) is essentially a roll forward of each line item in a bank reconciliation from one accounting period to the next, incorporating separate columns for cash receipts and cash disbursements. The columns (and formula) used for a proof of cash are:

- Beginning balance + Cash receipts in the period - Cash disbursements in the period = Ending balance


## Similarities and Differences

A proof of cash is a bank reconciliation that includes not only the $\qquad$ prior-period and current-period balances but also reconciles the book receipts and disbursements for the periods with the bank statements.

The proof of cash differs from the bank reconciliation in that the proof reconciles the four parts that make up the cash balance: beginning balance, cash inflows (receipts), cash outflows (expenditures), and ending balances for both the bank statement balance and the ending book balance.
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## Proof of Cash - If Not Required, Why?

While it may be a little more time consuming, the proof of cash provides a greater level of detail and thus makes it easier to spot errors than the standard reconciliation.

- As an example, because the proof of cash reconciles each total/column independently if an
unauthorized amount of $\$ 10,000$ is withdrawn from the entitis's accounts at the beginning of
the month and then the funds were replaced before the end of the month, the issue would
appear in a normal bank reconciliation. However, a proof of cash would be more likely to
flag the extra cash withdrawal and cash deposit within the period
A proof of cash can also assist in ensuring all transactions are recorded in the accounting records for a particular period.
Thus, the proof of cash provides another safeguard, when used in conjunction with the standard bank reconciliation, to deter misappropriation of assets or to prevent financial statement errors.

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## Items Needed

- All bank statements
- Cash Position Report
- Revenue Journal
- Check Register
- Cash Journal
- Transfer/Advance Report
- Outstanding Check List


## Terms

- Proof of Cash Period - The months that are to be reconciled.
(The Proof of Cash Period could be January 2020 - December 2022, but the reconciliation work (The Proof of Cash Pe
might be done in 2023)
- Current Month - The month that you are working on currently
- Book Section - All lines on the proof of cash from the "Balance per Books" line through the "Adjusted Book Balance" line.
- Bank Section - All lines on the proof of cash from the first bank account balance through the "Adjusted Bank Balance" line.
- Reconciling Item - A posting or transaction that does not match between the books and the bank statement.

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Terms

- Outstanding Checks - Checks that are written in a certain month, that
do not clear the bank in that month.
- Deposits in Transit - Receipts posted on the system in a certain
month that do not clear the bank in that month or the following
month. (If a receipt does not clear the bank in the month it is posted,
or the following month, it is a reconciling item)
- Check figure - Numbers at the bottom of the proof of cash columns
that compare the Adjusted Book Balance to the Adjusted Bank
Balance.
Proof of Cash Period
- Know what the Proof of Cash Period is and do not do any other
months.
However, if the Proof of Cash Period is January 2020 - December
2022, you will need to check the 2023 Year to Date system reports
and bank statements to see if any of the outstanding reconciling
items were corrected on the system in 2023. If so, those items
would need to be backed out of the adjustment amounts. You
would not actually reconcile any month in 2023 though.

| Important |
| :--- |
| - Work on one month at a time!!! |
| Only set up a new tab for the next month once the current month |
| is complete. Do NOT set up tabs for all months to start. The |
| linking can create nightmares to try to go back to a previous month |
| and add reconciling items once subsequent month's tabs are set up. |
| - Corrections to outstanding reconciling items are entered on the same |
| line as the outstanding reconciling items. |

## Important

- While you are doing a proof of cash, do not try and correct anything
$\qquad$
$\qquad$ for the time period that the proof of cash covers. Do not make any adjustments on the system.
- Once the proof of cash is completed for the entire period that it covers, one number will be posted to the system to adjust for each fund.

| Tips |
| :--- |
| - Look for patterns - Once a few months are completed, patterns |
| should become apparent. |
| - Auditor/Treasurer Fees and Returned Checks affect both columns. |
| - Fund Transfers and Bank Transfers need to be "eliminated". |
| - Make notes on the proof of cash when each adjustment/reconciling |
| item is first found. |

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## 2023 Local Government Officials Conference



| Township/Village of LGS | Sample 1 - Completed Month |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Reconciliation of Cash Receipts and Cash Disbursements |  |  |  |  |
| Proof of Cash for the Month of September 2022 |  |  |
|  |  |  |  | B | C | D | = + B + C - D |
|  | Balance | September | September | Balance |
|  | 9/1/22 | Receipts | Payments | 9/30/22 |
| Balance per Books - Cash Summary by Fund | 616,412.18 | 175,209.83 | 274,809.00 | 516,813.01 |
| Fund transfers | 0.00 | $(10,000.00)$ | $(10,000.00)$ | 0.00 |
|  |  |  |  |  |
| June 2022 |  |  |  |  |
| Interest not posted XYZ Bank savings | 2.59 |  |  | 2.59 |
| Deposit overposted | (0.02) |  |  | (0.02) |
| Deposit not posted | 2,318.45 | $(2,318.45)$ |  | 0.00 |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (254.92) |  |  | (254.92) |
| Bank transfer recorded as expenditure | (5,000.00) |  |  | (5,000.00) |
| Credit card processing fees not posted | (569.15) |  |  | (569.15) |
| Check \#91051 written for 192.45 cleared bank for \$195.45 | (3.00) |  |  | (3.00) |
| Voided cleared check \#89512 in system | 1,137.29 |  |  | 1,137.29 |
|  |  |  |  |  |
| July 2022 |  |  |  | 0.00 |
| Interest not posted XYZ Bank savings | 3.64 |  |  | 3.64 |
| Deposit posted, not on bank (didn't clear in August) | $(4,502.18)$ |  |  | $(4,502.18)$ |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (321.08) |  |  | (321.08) |
| InsuraCo electronic withdrawal not posted (insurance premiums) | $(15,713.08)$ |  |  | $(15,713.08)$ |
| Credit card processing fees not posted | (652.84) |  |  | (652.84) |
|  |  |  |  |  |
| August 2022 |  |  |  |  |
| Interest not posted XYZ Bank savings | 2.91 |  |  | 2.91 |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (213.64) |  |  | (213.64) |
| InsuraCo electronic withdrawal more than posted | (900.00) |  |  | (900.00) |
| Auditor and Treasurer Fees not posted - receipt posted at gross | $(1,597.59)$ |  |  | $(1,597.59)$ |
| Credit card processing fees not posted | (507.49) |  |  | (507.49) |
|  |  |  |  |  |
| September 2022 |  |  |  |  |
| Interest not posted XYZ Bank savings | 0.00 | 3.62 |  | 3.62 |
| Deposit not posted (quarterly business income tax) | 0.00 | 1,549.86 |  | 1,549.86 |
|  |  |  |  |  |
| Bank service charges not posted (main account) | 0.00 |  | 192.55 | (192.55) |
| Memo check 91238 is duplicate of 91221 | 0.00 |  | (459.87) | 459.87 |
| Deposit item returned | 0.00 |  | 197.34 | (197.34) |
| Credit card processing fees not posted | 0.00 |  | 878.31 | (878.31) |
| Bank transfer posted as memo check 91240 | 0.00 |  | $(36,621.31)$ | 36,621.31 |
|  |  |  |  |  |
| Auditor and Treasurer fees on tax settlement deposit | 0.00 | (347.37) | (347.37) | 0.00 |
|  |  |  |  |  |
| Adjusted Book Balances | 589,642.07 | 164,097.49 | 228,648.65 | 525,090.91 |
|  |  |  |  |  |
| Balance per Bank |  |  |  |  |
|  |  |  |  |  |
| First Bank of ABC (Main Checking) | 500,356.54 | 199,152.87 | 228,605.75 | 470,903.66 |
| First Bank of ABC (Payroll) | 127.95 | 39,725.18 | 39,725.18 | 127.95 |
| XYZ Bank (Savings) | 95,018.84 | 3.62 | 36,621.31 | 58,401.15 |
|  |  |  |  |  |
| Bank Transfers | 0.00 | $(76,346.49)$ | $(76,346.49)$ | 0.00 |
|  |  |  |  |  |
| Outstanding Checks: |  |  |  |  |
| August 2022 | $(5,861.26)$ |  | $(5,861.26)$ | 0.00 |
| September 2022 | 0.00 |  | 5,904.16 | $(5,904.16)$ |
|  |  |  |  |  |
| Deposits in Transit |  |  |  |  |
| August 2022 | 0.00 | 0.00 | 0.00 | 0.00 |
| September 2022 | 0.00 | 1,562.31 | 0.00 | 1,562.31 |
| Adjusted Bank Balances |  |  |  |  |
|  | 589,642.07 | 164,097.49 | 228,648.65 | 525,090.91 |
|  |  |  |  |  |
| Check Figures | 0.00 | 0.00 | 0.00 | 0.00 |
|  |  |  |  | 0.00 |


|  | Outstanding Checks List |  |
| :--- | ---: | ---: |
|  |  |  |
|  | Check \# | Amount |
| May-21 | 89745 | 170.00 |
| Dec-21 | 90817 | 130.80 |
| Jan-22 | 90845 | 19.01 |
| Mar-22 | 90997 | 269.40 |
| Mar-22 | 90998 | 440.00 |
| Apr-22 | 91015 | 240.00 |
| May-22 | 91042 | 29.00 |
| Jun-22 | 91068 | 48.67 |
| Aug-22 | 92049 | 139.00 |
| Aug-22 | 92050 | 59.94 |
| Aug-22 | 92055 | 65.00 |
| Aug-22 | 92056 | 400.00 |
|  |  |  |
| Sep-22 | 92102 | $1,191.00$ |
| Sep-22 | 92104 | 103.68 |
| Sep-22 | 92107 | 664.85 |
| Sep-22 | 92111 | 257.00 |
| Sep-22 | 92112 | 908.87 |
| Sep-22 | 92114 | 10.40 |
| Sep-22 | 92115 | 150.00 |
| Sep-22 | 92116 | 356.00 |
| Sep-22 | 92117 | 251.54 |
|  |  |  |
|  |  | $5,904.16$ |

Township/Village of LGS

## Reconciliation of Cash Receipts and Cash Disbursements Proof of Cash for the Month of September 2022

Balance per books line matches cash
summary by fund/cash position report
Balance per Books - Cash Summary by Fund Fund transfers

June 2022

| Interest not posted XYZ Bank savings |
| :--- |
| Deposit overposted |
| Deposit not posted |
| Bank |
| Bank |
| Credit |
| Check |
| Voide |
| Statement, but was not posted. In |
| seconciling item in June "recorded" the |
| July 2 |
| reposit, so when the entity posts it in |
| Intere |
| Depos |
|  |
| Bank |

InsuraCo electronic withdrawal not posted (insurance premiums)
Credit card processing fees not posted
August 2022
Interest not posted XYZ Bank savings
Bank service charges not posted (main account) InsuraCo electronic withdrawal more than posted
Auditor and Treasurer Fees not posted - receipt posted at gross
Credit card processing fees not posted

## September 2022

Interest not posted XYZ Bank savings
Deposit not posted (quarterly business income tax)
Bank service charges not posted (main account)
Memo check 91238 is duplicate of 91221
Deposit item returned
Credit card processing fees not posted
Bank transfer posted as memo check 91240
Auditor and Treasurer fees on tax settlement deposit
Adjusted Book Balances

## Balance per Bank

First Bank of ABC (Main Checking)
First Bank of ABC (Payroll)
XYZ Bank (Savings)

## Bank Transfers

Outstanding Checks:
August 2022
September 2022

## Deposits in Transit

## August 2022

## All check figures being 0.00

indicates that all activity from the bank statements has been accounted for.

Sample 2 - Completed month (with notes)
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Township/Village of LGS

## Reconciliation of Cash Receipts and Cash Disbursements Proof of Cash for the Month of September 2022

Sample 3 - Receipts and payments off by the same amount

|  | B | C | D | $=+\mathrm{B}+\mathrm{C}-\mathrm{D}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Balance | September | September | Balance |
|  | 9/1/22 | Receipts | Payments | 9/30/22 |
| Balance per Books - Cash Summary by Fund | 616,412.18 | 175,209.83 | 274,809.00 | 516,813.01 |
| Fund transfers | 0.00 | $(10,000.00)$ | $(10,000.00)$ | 0.00 |
|  |  |  |  |  |
| June 2022 |  |  |  |  |
| Interest not posted XYZ Bank savings | 2.59 |  |  | 2.59 |
| Deposit overposted | (0.02) |  |  | (0.02) |
| Deposit not posted | 2,318.45 | (2,318.45) |  | 0.00 |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (254.92) |  |  | (254.92) |
| Bank transfer recorded as expenditure | $(5,000.00)$ |  |  | (5,000.00) |
| Credit card processing fees not posted | (569.15) |  |  | (569.15) |
| Check \#91051 written for 192.45 cleared bank for \$195.45 | (3.00) |  |  | (3.00) |
| Voided cleared check \#89512 in system | 1,137.29 |  |  | 1,137.29 |
|  |  |  |  |  |
| July 2022 |  |  |  | 0.00 |
| Interest not posted XYZ Bank savings | 3.64 |  |  | 3.64 |
| Deposit posted, not on bank (didn't clear in August) | $(4,502.18)$ |  |  | $(4,502.18)$ |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (321.08) |  |  | (321.08) |
| InsuraCo electronic withdrawal not posted (insurance premiums) | $(15,713.08)$ |  |  | $(15,713.08)$ |
| Credit card processing fees not posted | (652.84) |  |  | (652.84) |
|  |  |  |  |  |
| August 2022 |  |  |  |  |
| Interest not posted XYZ Bank savings | 2.91 |  |  | 2.91 |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (213.64) |  |  | (213.64) |
| InsuraCo electronic withdrawal more than posted | (900.00) |  |  | (900.00) |
| Revenues and expenses are off by the same $(1,597.59)$  $(1,597.59)$ <br> amount. This could be caused by a deposit which $(507.49)$ $(507.49)$  |  |  |  |  |
|  |  |  |  |  |
| \begin{tabular}{l\|l|l|l|l|l|l|l}
\hline
\end{tabular} |  |  |  |  |
| expense for fees. (Common on property tax | 0.00 | 3.62 |  | 3.62 |
|  |  |  |  |  |
| receipts, but can occur with any transaction when |  |  |  |  |
| ses, it is as though the entity received the gross | 0.00 |  | (459.87) | 459.87 |
|  | 0.00 |  | 197.34 | (197.34) |
| amount and paid the County Auditor/Treasurer the | 0.00 |  | 878.31 | (878.31) |
| fees, which is why it is proper for the entity to post |  |  |  | 36,621.31 |
| expense. However, in reality, the County Auditor/ |  |  |  |  |
|  |  |  |  |  |
|       <br> Treasurer will withhold the fees and give the entity $589,642.07$ $164,444.86$ $228,996.02$ $525,090.91$  <br>       |  |  |  |  |
| only shows the net amount which creates a |  |  |  |  |
|  |  |  |  |  |
| variance in the amount of the fees in both columns | 500,356.54 | 199,152.87 | 228,605.75 | 470,903.66 |
|  | 127.95 | 39,725.18 | 39,725.18 | 127.95 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| later bounces. When the entity originally makes |  |  |  |  |
| the deposit, it shows on the bank statement as a | $(5,861.26)$ |  | $(5,861.26)$ | 0.00 |
| deposit. However, when the check bounces, it | 0.00 |  | 5,904.16 | $(5,904.16)$ |
| shows on the bank statement as a withdrawal of some sort. On the books, the entity should post a bounced check as a negative revenue. |  |  |  |  |
|  | 0.00 | 0.00 | 0.00 | 0.00 |
|  | 0.00 | 1,562.31 | 0.00 | 1,562.31 |
|  |  |  |  |  |
|  | 589,642.07 | 164,097.49 | 228,648.65 | 525,090.91 |
|  |  | V |  |  |
| Check Figures | 0.00 | 347.37 | 347.37 | 0.00 |
|  |  |  |  | (0.00) |


| Township/Village of LGS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Reconciliation of Cash Receipts and Cash Disbursements | Sample 4 - Receipts not working |  |  |  |
| Proof of Cash for the Month of September 2022 |  |  |
|  |  |  |  | B | C | D | = + B + C - D |
|  | Balance | September | September | Balance |
|  | 9/1/22 | Receipts | Payments | 9/30/22 |
| Balance per Books - Cash Summary by Fund | 616,412.18 | 175,209.83 | 274,809.00 | 516,813.01 |
| Fund transfers | 0.00 | $(10,000.00)$ | $(10,000.00)$ | 0.00 |
|  |  |  |  |  |
| June 2022 |  |  |  |  |
| Interest not posted XYZ Bank savings | 2.59 |  |  | 2.59 |
| Deposit overposted | (0.02) |  |  | (0.02) |
| Deposit not posted | 2,318.45 | $(2,318.45)$ |  | 0.00 |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (254.92) |  |  | (254.92) |
| Bank transfer recorded as expenditure | (5,000.00) |  |  | $(5,000.00)$ |
| Credit card processing fees not posted | (569.15) |  |  | (569.15) |
| Check \#91051 written for 192.45 cleared bank for \$195.45 | (3.00) |  |  | (3.00) |
| Voided cleared check \#89512 in system | 1,137.29 |  |  | 1,137.29 |
|  |  |  |  |  |
| July 2022 |  |  |  | 0.00 |
| Interest not posted XYZ Bank savings | 3.64 |  |  | 3.64 |
| Deposit posted, not on bank (didn't clear in August) | $(4,502.18)$ |  |  | $(4,502.18)$ |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (321.08) |  |  | (321.08) |
| InsuraCo electronic withdrawal not posted (insurance premiums) | $(15,713.08)$ |  |  | $(15,713.08)$ |
| Credit card processing fees not posted | (652.84) |  |  | (652.84) |
|  |  |  |  |  |
| August 2022 |  |  |  |  |
| Interest not posted XYZ Bank savings | 2.91 |  |  | 2.91 |
|  |  |  |  |  |
| Bank service charges not posted (main account) | (213.64) |  |  | (213.64) |
| InsuraCo electronic withdrawal more than posted | (900.00) |  |  | (900.00) |
| Auditor and Treasurer Fees not posted - receipt posted at gross | $(1,597.59)$ |  |  | $(1,597.59)$ |
| Credit card processing fees not posted | (507.49) |  |  | (507.49) |
|  |  |  |  |  |
| September 2022 |  |  |  |  |
| Interest not posted XYZ Bank savings | 0.00 | 3.62 |  | 3.62 |
|  |  |  |  |  |
|  |  |  |  |  |
| Bank service charges not posted (main account) | 0.00 |  | 192.55 | (192.55) |
| Memo check 91238 is duplicate of 91221 | 0.00 |  | (459.87) | 459.87 |
| Deposit item returned | 0.00 |  | 197.34 | (197.34) |
| Credit card processing fees not posted | 0.00 |  | 878.31 | (878.31) |
| Bank transfer posted as memo check 91240 | 0.00 |  | $(36,621.31)$ | 36,621.31 |
|  |  |  |  |  |
| Anot 0.00), use the information from the proof of      <br>   $589,642.07$ $162,547.63$ $228,648.65$ $523,541.05$ |  |  |  |  |
|  |  |  |  |  |  |  |  |
| b adjusted bank balance is higher than the |  |  |  |  |
| adjusted book balance. This could be that      <br>   $500,356.54$ $199,152.87$ $228,605.75$ $470,903.66$ |  |  |  |  |
| F something that was on the withdrawal side of the | 127.95 | 39,725.18 | 39,725.18 | 127.95 |
| y bank statement was posted as a negative $95,018.84$ 3.62 $36,621.31$ $58,401.15$ |  |  |  |  |
| receipt, however since the payments column is |  |  |  |  |
| в |  |  |  | 0.00 |
|  |  |  |  |  |
|  | $(5,861.26)$ |  | (5,861.26) | 0.00 |
| bank transfer on the bank statements, | 0.00 |  | 5,904.16 | $(5,904.16)$ |
| however that would also affect both columns. |  |  |  |  |
| 4 Another thing that could cause this is if there was a deposit on the bank statement that was not | 0.00 | 0.00 | 0.00 | 0.00 |
|  | 0.00 | 1,562.31 | 0.00 | 1,562.31 |
| posted, which is what we would find to be the |  |  |  |  |
| A problem in this case if we went back and looked at the documents carefully again. | 589,642.07 | 164,097.49 | 228,648.65 | 525,090.91 |
|  | -0.00 |  |  |  |
|  | 0.00 | $(1,549.86)$ | 0.00 | $(1,549.86)$ $(1,549.86)$ |


| Township/Village of LGS |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Reconciliation of Cash Receipts and Cash Disbursements | Sample 5 - Formula Error |  |  |
| Proof of Cash for the Month of September 2022 |  |  |  |
|  |  |  |  |

## Reconciling Items in the Book Section of the Proof of Cash

## Receipts

$+$

- Deposits on bank that are not posted
- Interest on the bank statement that is not posted
- Deposit is higher on bank statement than what is posted (deposit underposted)
- Returned check on bank statement (posted as a negative revenue)
- Fees posted correctly as expense on a deposit that is posted at net instead of gross
- Deposits posted on the books that do not clear the bank in the current month or the next month
- Bank transfers posted as revenues
- Auditor/Treasurer fees (gross on books net on bank)
- Deposit is lower on bank statement than what is posted (deposit overposted)


## Payments

$+$

- Withdrawals or checks that clear the bank but are not posted
- Checks that clear the bank but are voided on the system
- Withdrawal or check is higher on bank statement than what is posted (expense underposted)
- Bank service charges on the bank statement that are not posted
- Returned check on bank statement (if it is not posted, or if it is posted as a negative revenue)
- Fees not posted for a deposit posted at gross
- Checks that are posted, but do not clear the bank and are not an outstanding check for a certain reason
- Bank transfers posted as expenditures
- Auditor/Treasurer fees (gross on books net on bank)
- Withdrawal or check is lower on bank statement than what is posted (expense overposted)

