



Construction Loan Disbursement

ConstructionLoanDisbursement.dnax

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Overview:

The Construction Loan Disbursement DNAapp is used to disburse funds from a construction loan to one or more payees for construction project details. The application can disburse by electronic transfer or batch check.

Key Benefits:

- Consolidates construction loan disbursements into one easy to use screen
- Allows complex disbursements to one or more payees and one or more project details
- Sums check disbursements by payee (i.e. only one check is created per payee even if they are receiving funds for more than one project detail)
- Prints detailed payee specific receipts

Processing:

Launching the application via Relationships > Quick Inquires > Construction Loan Disbursement or Services > Relationships > Quick Inquiries > Relationship Profile > More > Construction Loan Disbursement.

If opening from Relationship Profile select the construction loan before opening the screen.

If opening from Quick Inquiries either manually enter an LIP account number or use quick search to select an LIP account number (deselect 'transacting person' checkbox, select the loan).

Adding Payees:

In the Payees section, you'll find the "Tax Reported For" owner of the LIP account already listed. To add a payee to this list, use Quick Search to find the person or organization, and double-click or select. If the 1099 organization userfield value has not been set there will be a prompt. Respond as required for the 1099 Y/N value for the organization.

A construction loan (a.k.a. Loan-In-Process (LIP)) can have one or more projects. Projects can contain one or more project details. In this section we will describe how to disburse funds to a payee for a single project detail.

1. Enter the total LIP disbursement amount.
2. Update the effective date of the LIP transaction if applicable.
3. Provide an LIP disbursement description.
4. Double-clicking a project in the Projects section will populate the details section below.

5. Double-clicking a payee in the Payees section will populate the “Pay to the order of” field below, and populate the “Payee Account” drop-down with that payee’s account numbers.
6. Select a project detail for this disbursement. Current values for that selection, such as ‘Available Amount’ will be displayed.
7. Enter a detail line amount. This is the disbursement amount for this detail line for the selected payee.
8. Select a ‘Fund Type’. Note that if the batch and SQL applications for Official Checks are not set-up no option for Official Check Issue will appear.
 - a. If the fund type is ‘Official Check Issue’, select a ‘Check Type’ and enter a ‘Check Memo’. The ‘Payee Account’ field is disabled.
 - b. If the fund type is ‘Electronic Transfer, select a ‘Payee Account’ for funds disbursement. ‘Check Memo’ and ‘Check Type’ fields are disabled.
9. Enter an ‘Invoice Number’.
10. Enter an ‘Invoice Description’. This defaults to the title of this project detail.
11. Enter an ‘Internal Description’.
12. Clicking the ‘Save Form Data’ checkbox will save the changes made to this project detail.
13. Click ‘Add Disbursement’. A new record has been added to the Disbursements section.
 - a. You can update the values of several fields for this disbursement record. To do so, click on the cell in the table. This can be done for: ‘Checkstub Memo’, ‘Internal Description’, ‘Invoice Description’, and ‘Invoice Number’.
14. Click ‘Process’ to create the disbursement transactions.
15. When the transactions have processed successfully, a print dialog box appears. The document contains disbursement details summarized by payee. To print, select a printer and click OK.
16. To print checks you have created, navigate to the ‘Batch Checks’ screen.

The ‘Total LIP Disbursement’ amount must be equal to the amount of funds you have disbursed. This can be done in several disbursement transactions.

You can disburse funds to different payees for different projects. Only one disbursement record can be added for a payee, project detail, and account number combination.

This application sums the amount of the official check disbursements to the same payee and account number, creating one official check. It selects one check memo and one internal description for the official check transaction.

To make changes to a disbursement record, click 'Delete', and add the disbursement again.

User Fields:

Variable	Code	Description (how used)	Data Type	Default
1099 Required Y/N	1099	Organization level userfield to determine if 1099 is required for disbursements to an organization	YN	'N'

Variables:

Variable	Code	Description (how used)	Data Type	Default
Construction Check Default	CLP1	Institution level Calcvar used to define the default Construction Check Type in the drop-down. Has a Calculation Type of Construction Loan DNAapp and a Calculation Category of Inst Processing. Enter only one value. A comma delimited list is invalid.	VC	'CASH'

User Fields

User Field Code	Description	Data Type	Person	Organization	Account	Property	Override	External Entity
1099	1099 Required Y/N	Yes/No	No	Yes	No	No	No	No

☒ Auto Hide Create Edit Delete

Details

Edit User Field Values Groups

User Field Code > 1099

Description > 1099 Required Y/N

Data Type > Yes/No

☐ Person

☒ Organization

☐ Account

☐ Property

☐ Override

☐ External Entity

Close Close Clear Review Process

Tickler

Table Maintenance

Variables

Selection Criteria

Calculation Type

Construction Loan DNAapp

Show History

System Variables

Type Description	Variable Description	Effective Date	Value
Construction Loan DNAapp	Construction Check Default	12-19-2017	CASH

Auto Hide

Edit

System Variable Maintenance

Type Description

Construction Loan DNAapp

Variable Description

Construction Check Default

Value

CASH

Close

Close

Clear

Review

Process

Screens:

Construction Loan Disbursement:

This is the primary application screen for creating disbursements.

Navigation:

Relationship Module:

Relationships > Quick Inquires > Construction Loan Disbursement

Services > Relationships > Quick Inquiries > Relationship Profile > More >
Construction Loan Disbursement

Construction Loan Disbursement

Construction Loan Disbursement
12/07/2020

Field Listing:

Field	Description
Fields	
Loan in Process	
LIP Account Number	Construction Loan Account Number
Tax Reported For	Tax Reported for Person Name
Total LIP Disbursement	The total LIP Disbursement Amount to disburse to all Payees
Effective Date	Effective Date of Transaction. Defaults to the System Post Date
LIP Disb Description	LIP Disbursement Description. Used as the transaction description for the LIP disbursement
Projects	
LIP Account	Construction Loan Account Number
Project	Construction Project Number
Type	Construction Project Type Description
Status	Construction Project Status Description
Description	Construction Project Description
Hold Back Pct	Construction Project Hold Back Percentage
Project Amount	Construction Project Amount
Payees	
Name	Payee Name
Address	Payee Address
Payee1099YN	Payee 1099 YN
Tax ID	Masked Payee Tax ID
Member Number	Payee Member Number
Delete Button	Delete selected payee
Disbursement Details	
Filter	Type in text to filter the Project Detail drop-down list
Project Detail	A drop-down containing the project detail lines for the selected project
Estimated Amount	Selected project detail line estimated amount
Amount Disbursed	Selected project detail line amount disbursed to date
Available Amount	Selected project detail line available disbursement amount
Projected Pct Disb	Selected project detail line projected disbursement percent. Changes dynamically as disbursements are created
Max Total Disb Amt	Selected project detail line maximum disbursement amount
Tolerance Pct	Selected project detail line disbursement tolerance percentage
Holdback Amt	Selected project detail line disbursement holdback amount
Pay To The Order of	Defaults to the Payee name and cannot be edited
Detail Line Amt	The disbursement amount for the project detail line for the payee
Check Memo	Text used on the check memo line

Detail Total	Total amount in the Disbursements grid for the selected project detail line
Fund Type	Either Official Check Issue or Electronic Transfer
Detail Remainder	Total amount in the Disbursements grid for the selected project detail line subtracted from the Available Amount for the selected project detail line
Check Type	Bank Check types from DNA
Total Remainder	Total LIP Disbursement Amount minus the total amount in the Disbursements grid for all project detail lines
Payee Account	Payee Account that an Electronic Transfer will post to
Invoice Number	An Invoice Number to associate to the disbursement
Invoice Description	An Invoice Description for the Invoice Number
Save Form Data	Save current disbursement details after process clicked
Internal Description	The Internal Description for the disbursement
Disbursements	
Line Item Desc	Construction Project Detail Disbursement Description
Payee	Construction Project Detail Disbursement Payee
1099M	Construction Project Detail Disbursement Payee 1099 YN
Pay to the Order of	Construction Project Detail Disbursement Payee Pay to the Order Of
Check Amount	Construction Project Detail Disbursement Check Amount
Use as Memo on Check	Y/N Value that determines which Checkstub memo is printed
Checkstub Memo	Construction Project Detail Disbursement Check Memo
Fund Type	Construction Project Detail Disbursement Fund Type
Check Type	Construction Project Detail Disbursement Check Type
Account	Construction Project Detail Disbursement Account Number
Use as CI IntrDesc Y/N	Y/N Value that determines which internal description is used for the transaction record
Internal Description	Construction Project Detail Disbursement Internal Description
Invoice Number	Construction Project Detail Disbursement Invoice Number
Invoice Description	Construction Project Detail Disbursement Invoice Description
Delete Button	Delete selected disbursement
Buttons	
Add Disbursement	Add the disbursement to the payment; this button checks for 'Total LIP Disbursement', 'Detail Line Amt', 'Fund Type', 'Invoice Number', 'Internal Description', and 'Check Memo' where applicable
Process	Process the construction loan payment
Cancel/Close	Cancel all current edits/Close the screen
Close/Clear/Review	Determines behavior of screen on process clicked

Construction Loan Disbursement Purge:

This screen displays the transactions that have been processed. A set of disbursements will have the same session ID. Selecting a session ID and clicking the Delete button will delete all

of the temp records for that session ID (one or more disbursements). The Refresh button will select records that exist since the last time the screen was opened.

Navigation:

System Module:

Institution > Construction Disb Maint > Purge Temp Records

Screen Appearance:

Construction Loan Disbursement Purge

Session ID	Project Number	Detail Seq Number	Disbursement Number	Inv
770763824	131	2	106	4
770763824	131	2	105	3
770763824	131	2	106	4
770763824	131	2	105	3
770763824	131	1	104	1
770763824	131	1	103	5
770763824	131	1	102	2
770763824	131	1	104	1
770763824	131	1	103	5
770763824	131	1	102	2
988010801	131	1	122	123
770763824	131	1	104	1
770763824	131	1	103	5
770763824	131	1	102	2
770763824	131	1	104	1

Refresh Delete

Close

Field Listing:

Field	Description
-------	-------------

Fields	
Session ID	Each set of disbursements has a unique session ID created on screen open
Project Number	Construction Project Number
Detail Seq Number	Construction Project Detail Number
Disbursement Number	The disbursement number for the detail line
Invoice Number	The invoice number entered by the end user associated to the disbursement
Processed	Indicates that the disbursement was processed as part of a transaction
Detail Description	The disbursement description associated to the disbursement
LIP Account	The LIP/Construction loan account number
Payee 1009m	The payees' 1099 status at the time of the disbursement
Payee Account	The account number the funds were disbursed to
Payee Check Amount	The disbursement amount
Check Type	The check type – will be blank for Electronic Transfers
Check Memo	The memo line text entered by the end user associated to the disbursement
Entity Number	Payees person or organization number
Entity Type	Payees person or organization type
Fund Type	Official Check Issue or Electronic Transfer
Internal Description	The internal description text entered by the end user associated to the disbursement
Invoice Description	The invoice description text entered by the end user associated to the disbursement
Invoice Number	The invoice number text entered by the end user associated to the disbursement
Payee Name	The payees name
Pay To The Order Of	Always the same as the payees name
Memo to Print on Check	The memo line text entered by the end user associated to the disbursement
Buttons	
Delete	Deletes all records associated with the selected session ID
Refresh	Select and display temporary records
Close	Close the screen

Additional Requirements:

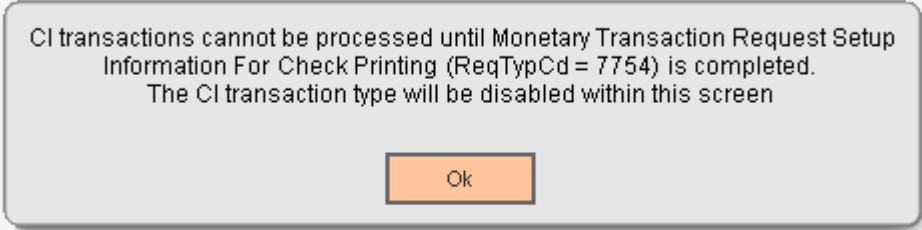
DNA™ 4.2.1 or above

.NET Framework 4.5.2 (minimum)

CoreAPI 2.1.0.5

On screen load you will get this warning message and Official Checks will not be allowed to be created until the following setup is done. See the FISERV documentation "Setup Information

for Check Printing". In summary, a batch application and a SQL application are required, along with the correct linking of the applications.



CI transactions cannot be processed until Monetary Transaction Request Setup Information For Check Printing (ReqTypCd = 7754) is completed.
The CI transaction type will be disabled within this screen

Ok

Summary:

1. Create a Batch application
2. Create a SQL application. SQL is included as an endnote
3. Update the SQL application Object reference
4. Link the Batch application to the Construction Loan Disbursement CoreAPI application
5. Link the SQL application to the Batch application
6. Ensure there is a Batch Check printer network node for the location

Create a Batch Application

This is an example. The batch application will need to be created manually. It is not included with this DNAapp. See the FISERV documentation "Setup Information for Check Printing".

Applications

Link Apps Variables

Number	Description	Name	Object Reference	Language	Cashbox	OverrideAppPath
519918	Construction CI Print	ConstructionCIPrint				

☒ Auto Hide Create Edit Inactivate

Application Maintenance

Details

Edit Application Cycles Parameters

Number: 519918 ☐ Cashbox Required ☐ Updates Allowed Cashbox: <None>

Description: Construction CI Print ☐ Allow Excluding ☐ System Processing Required Object Reference:

Name: ConstructionCIPrint ☐ Account Cycle Required ☐ Export File Extension:

Type: Batch Executable ☐ Address Override Procedure Load Sequence:

Language: Address Override: <None> Print Specification: <None>

Authorization Key: App Id: Password: Print Group: <None>

Output File Location: Not Available for ALL Applications Override Application Path:

Close Close Clear Review Process

Create the SQL Application

This is an example. The SQL application will need to be created manually. It is not included with this DNAapp. See the FISERV documentation "Setup Information for Check Printing". It is created under Services > System > Printing Operations > SQL. An example sql is included as an endnoteⁱ.

Applications

Link Appls Variables

Number	Description	Name	Object Reference	Language	Cashbox	OverrideAppPath
520344	Construction CI Print	CONSTRUCTIONCIPRINT	520344			

☒ Auto Hide Create Edit Inactivate

Application Maintenance

Details

Edit Application Cycles Parameters

Number ☐ Cashbox Required ☐ Updates Allowed Cashbox

Description ☐ System Processing Required Object Reference

Name ☐ Account Cycle Required ☐ Export File Extension

Type ☐ Address Override Procedure Load Sequence

Language Address Override Print Specification

Authorization Key App Id Password Print Group

Output File Location Not Available for ALL Applications Override Application Path

Close Close Clear Review Process

Update the SQL application Object reference

Edit the application and update the Object Reference to have the same value as the application number (in the above example both values are 520344)

Link the Batch application to the Construction Loan Disbursement CoreAPI application

Note that after re-installing or installing updates to this application we have found that this step, linking the Batch application to the CoreAPI application needs to be re-done.

The Construction Loan Disbursement CoreAPI application is installed with the DNAapp.

Applications

Link Appls
Variables

Number	Description	Name	Object Reference	Language	Cashbox	OverrideAppPath
521501	Construction Loan Disbursement	ConstructionLoanDisbursement	521501	XML		

☒ Auto Hide

Create

Edit

Inactivate

Application Maintenance

Details

Edit Application

Cycles

Parameters

Number

521501

☐ Cashbox Required
☐ Updates Allowed

Cashbox

<None>

Description

Construction Loan Disbursement

☐ System Processing Required

Object Reference

521501

Name

ConstructionLoanDisbursement

☐ Account Cycle Required

File Extension

Type

Core API Application

☐ Address Override

Procedure Load Sequence

Language

XML

Address Override

<None>

Print Specification

<None>

Authorization Key

App Id

Password

Print Group

<None>

Output File Location

Override Application Path

Not Available for ALL Applications

Close

☐ Close
☐ Clear
☒ Review

Process

Link Applications

Application

Construction Loan Disbursement

Available Type

Batch Executable

Available

1st Mortgage Real Estate Loans by Ty
6 in 12 OD Fed Guidance Report
A/R Lendable Value Report
Abandoned Property Reporting
Account Analysis Statements
Account Analysis Statements
Account Analysis Stmt Merge
Account Analysis Svc Chgs
Account Balance Listing
Account Balance Listing

Select >

< Remove

Select All >>

<< Remove All

Selected

Construction CI Print

Component Application Maintenance

Component Application

Max SQL Rows

☐ Critical Component Application

Close

☐ Close
☐ Clear
☒ Review

Process

Link the SQL application to the Batch application

Link Applications

Application: **Construction CI Print** Available Type: **SQL Statement**

Available

- AccessTyp Search Id
- AccessTypAcctRole Search Id
- AccessTypAcctRoles Process
- AccessTypAcctRoles Select
- AccessTypERqstTyp Search Id
- AccessTypERqstTypCalcVar Search I
- AccessTypERqstTypCalcVars Proces
- AccessTypERqstTypCalcVars Select
- AccessTypERqstTyps Process
- AccessTypERqstTyps Select

Selected

- Construction CI Print

Buttons: **Select >**, **< Remove**, **Select All >>**, **<< Remove All**

Component Application Maintenance

Component Application: **[Dropdown]** Max SQL Rows: **[Input Field]**

☐ Critical Component Application

Buttons: **Close**, **Review**, **Process**

7. A Batch (BTCH) network node printer for the location is also required, this is an example

Network Node Manager

Number	Name	Description	Location	Location ID
562	BATCH CHECK PRINTER	Laser Printer	Information Services	BTCH

Buttons: **Create**, **Edit**, **Delete**

Edit Network Node

Name: **BATCH CHECK PRINTER** Physical Address: **\\server\printername**

Location: **Information Services** Printer Location ID: **Batch Check Printer**

Type: **Laser Printer** Inactive Date: **[Calendar Icon]**

Cashbox: **[Dropdown]**

Buttons: **Cancel**, **Close**, **Clear**, **Review**, **Process**

Authorizations:

An FI can choose to add all required AuthItems to an existing AuthCode, or create a new AuthCode containing all required AuthItems and grant the newly create AuthCode to the employees that need it. The following example creates an AuthCode with all of the required authitems.

This example uses AuthCode "CSTR".

Authorization Manager

Authorizations					
Transaction Limits					
Code	Description	Parent	Mask TIN	Display Employee	Mask PAN
CSTR	Cstr Loan Disb DNAapp		No	No	No
CVMZ	Card Wizard		No	No	No
DMMC	Dynamic Messaging Create		No	No	Yes
DMMF	Dynamic Messaging Full Access		No	No	Yes
DMMO	Dynamic Messaging Override		No	No	Yes
DMMS	Dynamic Messaging Standard		No	No	Yes

Copy Create Edit Delete

Authorization Maintenance | Authorization Item Maintenance | Authorization Permission Maintenance

Code » CSTR

Description » Cstr Loan Disb DNAapp

Password

Parent <None>

☐ Mask TIN

☐ Display Employee Balances

☐ Mask PAN

Close Close Clear Review Process

Add AuthItems

- 7701 Account Role List
- 7702 Account Detail
- 7704 Account List
- 7719 Account Maintenance
- 7727 Organization Detail
- 7754 Monetary Transaction
- 7759 Organization Maintenance

7849 Account Loan Detail

Authorization Maintenance	Authorization Item Maintenance	Authorization Permission Maintenance
<div> <div> Available <ul style="list-style-type: none"> 13774 RealTime Collections 13804 Deposit Origination Account Account Analysis Maintenance Account Analysis Transaction Account Balance Inquiries Account Balance Type Maintenan Account Branch Maintenance Account Check Order Account Combined Statement Mai Account Copy Transaction Account Cycle Maintenance Account Draw Maintenance Account Exclude Maintenance </div> <div> <div>Select ></div> <div>< Remove</div> <div>Select All >></div> <div><< Remove All</div> </div> <div> Selected <ul style="list-style-type: none"> CAPR 7701 CAPR 7702 CAPR 7704 CAPR 7719 CAPR 7727 CAPR 7754 CAPR 7759 CAPR 7849 </div> </div>		
<div> <div>Close</div> <div> <input type="radio"/> Close <input type="radio"/> Clear <input checked="" type="radio"/> Review </div> <div>Process</div> </div>		

Copy all auth item permissions to each auth item and process – example shows only CAPR 7701

Authorization Maintenance	Authorization Item Maintenance	Authorization Permission Maintenance
<div> <div>Authorization Item</div> <div>CAPR 7701</div> </div>		
<div> <div> Available </div> <div> <div>Select ></div> <div>< Remove</div> <div>Select All >></div> <div><< Remove All</div> </div> <div> Selected <ul style="list-style-type: none"> Employee Access Update </div> </div>		
<div> <div>Cancel</div> <div> <input type="radio"/> Close <input type="radio"/> Clear <input checked="" type="radio"/> Review </div> <div>Process</div> </div>		

Configuration Checklist:

Item	Test Environment	Production Environment
User Field		
Authorization		
CI Check Print applications		

Org User field 1099 is created on install. No action needed as the value for organizations are handled through the screen																										
Variables																										
Construction Check Default calcvar defaults to CASH. Set as needed for the check type you need as the default. The value should be the same as the MIACCTTYPCD value for one of the institutions bank checks.																										
<table><tr><th>MIACCTTYPCDDESC</th><th>MIACCTTYPCD</th><th>MIACCTTYPCD</th><th>A</th></tr><tr><td>Accounts Payable</td><td>AP</td><td>BKCK</td><td></td></tr><tr><td>Batch Checks</td><td>BAT</td><td>BKCK</td><td></td></tr><tr><td>Cashiers Check</td><td>CASH</td><td>BKCK</td><td></td></tr><tr><td>Money Order</td><td>MO</td><td>BKCK</td><td></td></tr><tr><td>Old Cashiers Check</td><td>COLD</td><td>BKCK</td><td></td></tr></table>	MIACCTTYPCDDESC	MIACCTTYPCD	MIACCTTYPCD	A	Accounts Payable	AP	BKCK		Batch Checks	BAT	BKCK		Cashiers Check	CASH	BKCK		Money Order	MO	BKCK		Old Cashiers Check	COLD	BKCK			
MIACCTTYPCDDESC	MIACCTTYPCD	MIACCTTYPCD	A																							
Accounts Payable	AP	BKCK																								
Batch Checks	BAT	BKCK																								
Cashiers Check	CASH	BKCK																								
Money Order	MO	BKCK																								
Old Cashiers Check	COLD	BKCK																								

Revisions

Date	App Version #	Change
12/2020	1.0.0.1	Bug fix: When adding a new construction detail type it got added to the table as a NULL. Modified code to check for null before doing update and sets it to 0 if null.
4/2019	1.0.0.0	Application Created

ⁱ SQL for the SQL Application for the Construction Disbursements DNAapp

```

select b.acctnbr AcctNbr,
b.rtxnbnr RtxnNbr,
c.amt Amt,
decode(f.payeeName,null,e.taxrptforpersnbr,f.payeeaddrnbr ) LookUpNbr,
decode(f.payeeName,null,'P','D') LookUpType,
" ItemTyp,
e.acctnbr ItemAcctNbr,
LPAD(e.ACCTNBR,20) || ',' || RPAD(decode(f.payeeName,null,p.firstname || ' ' || p.lastname, f.payeeName) ||
decode(g.Memo,Null,Null,'-' || g.Memo),68) || TO_CHAR(ABS(C.Amt),'999,999,999.99') ItemDesc,
f.payeeName PayTo,
g.memo Memo
INTO :lvnAcctNbr,
:lvnRtxnNbr,
:lvnCheckAmt,
:lvnLookUpNbr,
:lvnLookUpType,
:lvnItemTyp,
:lvnItemAcctNbr,
:lvnItemDesc
:lvnPayto,

```

```

:lhsMemo
FROM rtxn b,rtxnbal c,acctsubacct d,acct e,acctsubacctallotpayee f,AcctSubAcctAllotInstance g,pers p
WHERE b.QueNbr=:QueNbr
AND b.ApplNbr=:ApplNbr
AND b.QueSubNbr=:QueSubNbr
AND b.AcctNbr=:ClearingAcctNbr
and b.acctnbr=c.acctnbr
and b.rtxnnbr=c.rtxnnbr
and c.subacctnbr=d.subacctnbr
and c.acctnbr=d.acctnbr
and d.balcatcd='NOTE'
and d.baltypcd='BAL'
and b.parentacctnbr=e.acctnbr
and e.taxrptforpersnbr=p.persnbr
and b.acctnbr=f.acctnbr(+)
and b.allotnbr=f.allotnbr(+)
and b.acctnbr=g.acctnbr
and b.allotnbr=g.allotnbr
and g.allotinstancenbr=1
union
SELECT b.acctnbr,
b.rtxnnbr,
c.amt,
decode(f.payeeaname,null,e.taxrptfororgnbr,f.payeeaddrnbr),
decode(f.payeeaname,null,'O','D'),
'',
e.acctnbr,
LPAD(e.ACCTNBR,20) || ',' || RPAD(decode(f.payeeaname,null,o.orgname,f.payeeaname) ||
decode(g.Memo,Null,Null,'-' || g.Memo),68) || TO_CHAR(ABS(C.Amt),'999,999,999.99'),
f.payeeaname,
g.memo
FROM rtxn b,rtxnbal c,acctsubacct d,acct e,acctsubacctallotpayee f,AcctSubAcctAllotInstance g,org o
WHERE b.QueNbr=:QueNbr
AND b.ApplNbr=:ApplNbr
AND b.QueSubNbr=:QueSubNbr
AND b.AcctNbr=:ClearingAcctNbr
and b.acctnbr=c.acctnbr
and b.rtxnnbr=c.rtxnnbr
and c.subacctnbr=d.subacctnbr
and c.acctnbr=d.acctnbr
and d.balcatcd='NOTE'
and d.baltypcd='BAL'
and b.parentacctnbr=e.acctnbr
and e.taxrptfororgnbr=o.orgnbr
and b.acctnbr=f.acctnbr(+)
and b.allotnbr=f.allotnbr(+)
and b.acctnbr=g.acctnbr
and b.allotnbr=g.allotnbr
and g.allotinstancenbr=1

```