Resolve duplicate street names with overlapping addressing using PSTSTU

The process for using PSTSTU is the same in NT as it is in SQL

WHY USE ZIP CODES IN THE MAPZONE FIELD?

To resolve problems with duplicate street names that have the same addressing in the geocode which can cause unmatched students during an upstu. **Example: There are three Main Streets:**

Town A, Main St. 100 – 152 Town B, Main St. 125 – 275 Town C, Main St. 600 - 900 NOTE: <u>Every street</u> with this name must be renamed to include a zip code. If you rename Town A and Town B to include a zip code, then Town C must also be renamed to include a zip code even though it doesn't overlap with the others. This will then match a student to his address by using his zip code as a unique identifier. Therefore, eliminating the need for unique street name suffixes that would need to be entered by Powerschool SIS operators.

Should I use Zip codes or City Codes as a unique identifier?

As a carry-over from NT, many sites are already successfully using city code suffixes as their unique identifier. However, the preferred method is to use Zip Codes as the unique identifier. Since EdulogNT should always have Zip codes in the students address field, it is recommended that they be used over city codes. Prior to making the decision to change to zip codes, run an Overlapping Addresses report to get a list of street names with addresses that overlap then speak with your Project Leader to discuss an appropriate time to switch from city codes to zip codes.

INSTRUCTIONS FOR IMPLEMENTING ZIPCODES

- 1. Perform a backup of your data (TIMS backup)
- 2. In Maris, select menu choice; Edit Geocode > Street Name > Edit
- 3. Edit all duplicate street names to include zip codes in the map zone field as shown in the example:

Edit Street Name Properties					
Current Name:	BEECHWOOD DR SM		ID Street		
Rename To:	BEECHWOOD DR 27577		Aliases		
Pre Street Na BEECHV	ame √OOD	Type DR	Suf	Map Zone 27577 4	
	Confirm		Close		

_ Old Street name with City Code Suffix

renamed to....

- New Street name without Suffix, but with Zip Code

- 4. When finished editing street names, exit Maris.
- Follow the instructions under <u>Input File Creation</u> on the next page and create your Stname.dat and Ctycode.dat files.
- 6. In EMU, run the following batches in order:
 - A. NT Sites only: 01. Rebuild All Keys
 - B. NT Sites only: 02. Geocode Changes
 - C. SQL Sites only: 03. Map Maintenance
 - D. 09. Address Update ADDUPD
 - E. 10. ADDRESS UPDATE PSTSTU
 - F. 11. Student Address Match
- 7. Zip Code conversion complete.

INPUT FILE CREATION

Buildtxt.exe will be used to create Ctycod.dat and Stname.dat parameter files.

Text File Editor $-\Box \times$ Edulog Text File Editor Clear Files Edit Files Addupd UpStop Addupd UpStop Stpupd UpRun Stoupd UpRun UpRunTrn Stubn2 Stubn2 UpRunTrn Citycod UpStopRunTrn Citycod UpStopRunTrn Stname Stname RRcrs RRcrs Extend Street Extend Street Exit

1. Building the STNAME.DAT file using Buildtxt.exe (illustrated)

Begin here if creating a STNAME.DAT file for the first time (if **editing** an existing data file, skip to step 4).

- Start Buildtxt by using the Launchpad or by going to d:\elt\LIVE\buildtxt.exe or d:\elt\LIVE\reports\buildtxt.exe (LIVE or other database name you are working in)
- 2. Under Clear Files, select STNAME
- 3. When prompted, click **OK** to clear the file.

Elear File	5	×
?	Are you sure you	want to clear file stname.dbf?
	ОК	Cancel

4. Under Edit Files, select STNAME



5. To begin entering data, press the Add/Save Record button...

STNAME	
STNAME	6
Prefix:	
Street: CEDAR	
Type: ST	
Suffix:	
Map Zone:	
Stname Table Import/Ex	port Options
Prefix Street Type Suffix	Mapzone 🔺
ALACCI DI	
CEDAR	
ACADEMY ST	
▶ CEDAR ST	

- 6. Enter each duplicated street name as it appears
 in the student location field. Save each entry.
 Do not enter the mapzone here!
 - When finished adding street names, click on the Import/Export Options Tab.



2. Building the CTYCOD.DAT file using Buildtxt.exe (illustrated)

Text File Editor					
Edulog Text File Editor					
Edit Files Clear Files				Files	
Addupd	UpStop		Addupd	UpStop	
Stpupd	UpRun		Stpupd	UpRun	
Stubn2	UpRunTm	Edulog	Stubn2	UpRunTm	
Citycod	UpStopRunTrn		Citycod	UpStopRunTrn	
Stname			Stname		
RRcrs			RRcrs		
Extend Street			Extend Street		
L <u></u>		Exit			

City name:

City code:

City Name

Citycod Table

M A

D

City Code

Import/Export Options

Begin here if creating a CTYCOD.DAT file for the first time (if **editing** an existing data file, skip to step 4).

- Start Buildtxt by using the Launchpad or by going to d:\elt\LIVE\buildtxt.exe or d:\elt\LIVE\reports\buildtxt.exe (LIVE or other database name you are working in)
- 2. Under Clear Files, select CITYCOD
- 3. When prompted, click OK to clear the file.

Clear File	5	x
?	Are you sure you v	vant to clear file citycod.dbf?
	OK	Cancel

- 4. Under Edit files, Select CITYCOD
- 5. To begin entering data, press the Add/Save
 Record button...

ge 3 of 4

- 🗆 ×

CITYCOD	
CITYCOD	
City name: 27817	
City code: 27817	
Citycod Table	Import/Export Options
City Name	City Code
27889	27889
27817	27817

- 6. Enter the zip codes for each duplicate street name listed in your stname.dat file. Enter the same zip code in the City Name and City Code columns.
- When finished adding zip codes, save your entries then click on Import/Export Options Tab.



- 8. Enter the following values under **EXPORT**:
 - Position in Student User File = 13
 - Length of City Name = 5
 - Indicate what Field to Compare = Map Zone
- 9. Choose Export File.

10. IMPORTANT NOTE: you may need to edit the name that buildtxt automatically enters in the **save file** field.

Buildtxt may default the file name as <u>CIT</u>YCOD.DAT; you must change the name to <u>CTY</u>COD.DAT (without the 'I').

Browse to the Elt\LIVE\Server**DYN** folder and save it there. (LIVE or other database name you are workin in) If it already exists, copy over it.

Save As			? ×
Save in: 🔄 DYN			* 🎟 -
ADJANG.DAT	BUSSTP.DAT	🖻 COORD4.DAT	MAPSEG.D
ADJCY8.DAT	🔊 CITYCOD.DAT	🔊 CTYCOD.DAT	MAPSEK.D
ARCCOUNT.DAT	🖻 CLUSTN.DAT	🖻 DBAJNG.DAT	🔊 NEWSTU.C
ASSIGN.DAT	🖻 CLUSTR.DAT	🖻 DPLTMP.DAT	🔊 NODSEK.D
BNDGRP.DAT	🖻 CMNDST.DAT	🖻 GARAGE.DAT	🖻 PARAEL.D.
BUSRUN.DAT	🛋 COORD.DAT	🛋 geo_idx.dat	🛋 PLTMAP.D.
•			F
Save File As	OD.DAT		<u>S</u> ave
Save as <u>t</u> ype: dat		▼	Cancel