



To clean the text file before it can be parsed all of the multiline entries need to be placed on one line. A manual cleaning of OCR errors must be complete. For example, 'W's tend to be recognized as 'VV' or' \V' due to faded print. This is especially difficult when working from microfilm copies of city directories.

- Blondo Howard W (Agnes) slsmn h Hecla se cor Center Boismiere Agatha hskpr Rev Henry Rice r do Bonathan Rheuben lab r Wm Pearce Bond John T (Eliz) barber es Calumet 8 n of 3d h ss G 2 n Bond Thos h Center sw cor Front BOSCH JOSEPH, Pres First Natl Bank of Lake Linden, h ws Hecla 1 n of 3d, Tel 104 Bosch Jos M sec-treas Michigan Elec & Mfg Co r Jos Bosch Bosch Kath r Jos Bosch Boucher Eug (Flora) h ws Hecla 6 n of Vetter Boucher Jules r Eug Boucher Boucher Jules r Eug Boucher Boucher Morris (Eva) lab r Mrs Dinah Quintal Bourdeau Antoinette asst postmstr Lake Linden r5373 Depot Bourdeau Bessie Mrs treas Schoolcraft Twp r Jos W Bour deau Bourdeau Emma student r Jos Bourdeau Bourdeau Exilda r Jos Bourdeau Bourdeau Francis lab r5373 Depot Bourdeau Isabelle opr r5373 Depot Bourdeau Lossuer Puppy Schootele Bourdeau Jacques r Henry Schnotala Bourdeau Jos F (Eliz) h es Hecla 2 n of 1st Bourdeau Jos F jr r Jos F Bourdeau Bourdeau Jos W (Bessie) h es Hecla 3 n of Center Bourdeau Rosanna (wid Noel) r5373 Depot Bourdeau Walter r Jos Bourdeau Boyer Alvina (wid John) h es Lake 6 n of Pine Braulette Lawrence firemn Fire Dept Braun Martin councilmn Village of Lake Linden r Hecla Bray Jabez (Marion) lab h ws Kit 2 n 3d Briggs Edith M clk Lake Linden PO r5457 County rd Briggs Louise student r5457 County rd Brison David (Eliz) lab h5401 County rd Dribor Victorie (wid Codice) rf601 County rd Briison Victoria (wid Gedion) r5401 County ro Brinkman Frank (Mollie) lab h ss E 3 w Hecla Brinkman Kath maid r Frank Brinkman Brouillette Lawrence (Antoinette) lab h es Gregory 2 n of Garfield Brown Florence A tchr r Mrs Minnie J Mogk Brown John B (Minnie) wtchmn h5955 Mill Bruder Ivey (wid John) h ws Front 2 s of Pine Brunswick Billiard Parlor (Louis Beaudoin) es Calumet 2 n Budette Jas h ns Mill 3 w 5955 Burgan Jas (Lillian) mstr mech h es Schoolcraft 2 n 2d Burgan Leslie (Lucille) lab h5404 Library Burgan Lurene tchr Lake Linden-Hubbell High School r Jas Burgan • Burgan Mary h ws Calumet 10 n of Vetter Burgan Mary n ws Calumet 10 n of Vetter Burgan Walter student r Jas Burgan Burke Wm mech Turner's Garage r Calumet Mich Burmester Elsie r5519 Bridge Burmester Fredk student r5519 Bridge Burmester Otto (Edith) lab h5519 Bridge
- Buschell Beatrice student r Saml Buschell Buschell Fredk student r Saml Buschell Buschell Saml (Stella) scaler h es Front 1 s of Division

Putting People In Places: a semi-automated approach to parsing and geocoding city directories

Quincy Mills, res Quincy township. eckley Alfred, head sawyer and filer.



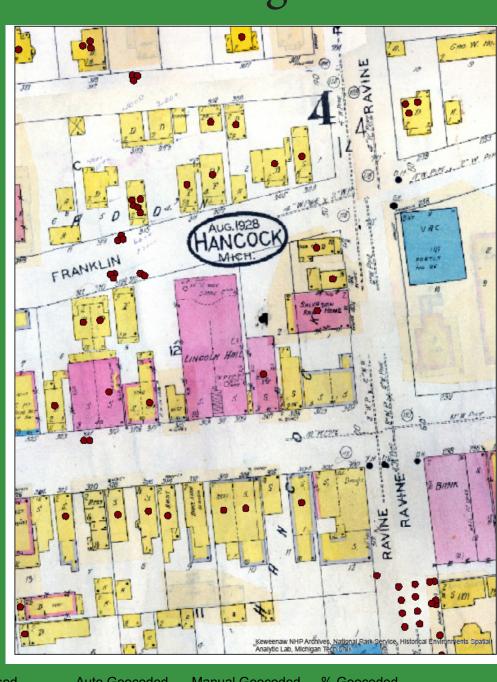




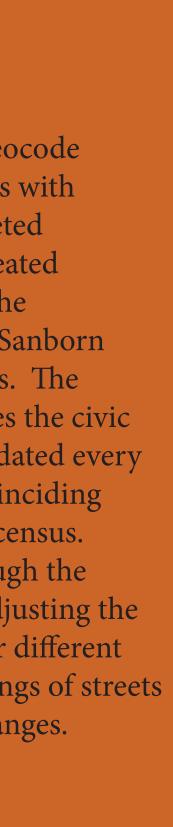
Gary Spikberg, Department of Computer Science Ankitha Pille, Department of Computer Science Elijah Pass, Department of Computer Science Robert Pastel, Department of Computer Science Don Lafreniere, Department of Social Sciences

Step Four: Automated Geocoding After parsing, we geocode the parsed addresses with a previously completed GIS feature class created by digitizing all of the and of 1 ······ buildings noted on Sanborn Fire Insurance Plans. The niere Agatha hskpr Rev Henry Rice r do heuben lab r Wm Pearce feature class includes the civic *************** Bond John T (Eliz) barber es Calumet 8 n of 3d h ss G 2 n Hecla Bond Thos h Center sw cor Fron BOSCH JOSEPH, Pres First Nat Hecla 1 n of 3d, Tel 104 addresses and is updated every Bosch Jos M sec-treas Michigan Elec & Mfg Co r Jos Bosch Bosch Kath r Jos Bosch Boucher Eug (Flora) h ws Hecla 6 n of Vetter 10 years roughly coinciding Boucher Jules r Eug Boucher Boucher Morris (Eva) lab r Mrs Dinah Quintal Bourdeau Antoinette asst postmstr Lake Linden r5373 Depot Bourdeau Bessie Mrs treas Schoolcraft Twp r Jos W Bour-with the decennial census. <u>⊡</u>: ",] deau Bourdeau Emma student r Jos Bourdeau Bourdeau Exilda r Jos Bourdeau Bourdeau Francis lab r5373 Depot Bourdeau Isabelle opr r5373 Depot Bourdeau Jacques r Henry Schnotala Several passes through the data are required adjusting the Bourdeau Jos F (Eliz) h es Hecla 2 n of 1st Bourdeau Jos F jr r Jos F Bourdeau ____ <mark>Richd</mark> ourdeau Jos W (Bessie) h es Hecla 3 n of Center Bourdeau Rosanna (wid Noel) r5373 Depot Bourdeau Walter r Jos Bourdeau Boyer Alvina (wid John) h es Lake 6 n of Pine Braulette Lawrence firemn Fire Dept Braun Martin councilmn Village of Lake Linden r Hecla Bray Jabez (Marion) lab h ws Kit 2 n 3d Briggs Edith M clk Lake Linden PO r5457 County rd Briggs Louise student r5457 County rd Briison David (Eliz) lab h5401 County rd Briison Victoria (wid Gedion) r5401 County rd Brinkman Frank (Mollie) lab h ss E 3 w Hecla Brinkman Kath maid r Frank Brinkman Brouillette Lawrence (Antoinette) lab h es Gregory 2 n of Garfield Rosanna (wid Noel) r5373 D script to account for different tolerances for spellings of streets and street name changes. Brown Florence A tchr r Mrs Minnie J Mogk Brown John B (Minnie) wtchmn h5955 Mill Bruder Ivey (wid John) h ws Front 2 s of Pine Brunswick Billiard Parlor (Louis Beaudoin) es Calumet 2 n Budette Jas h ns Mill 3 w 5955 Burgan Jas (Lillian) mstr mech h es Schoolcraft 2 n 2d Burgan Leslie (Lucille) lab h5404 Library Burgan Lurene tchr Lake Linden-Hubbell High School r Jas Burgan Burgan Mary h ws Calumet 10 n of Vetter Burgan Walter student r Jas Burgan Burke Wm mech Turner's Garage r Calumet Mich Burmester Elsie r5519 Bridge Burmester Fredk student r5519 Bridge Buschell Beatrice student r Saml Buschell Buschell Fredk student r Saml Buschell Buschell Saml (Stella) scaler h es Front 1 s of Divisi SHLYN TISK Rad How

y and Year	# of Directory Entries	Total Parsed	%
ncock 1939	4504	413	88
ncock 1930	3788	345	50
urium 1930	2575	245	59
urium 1916	4529	425	59
oughton 1930	3397	311	6
ughton 1916	3606	314	2



	Auto Geocoded	Manual Geocoded	%
91.87%	2494	1095	
91.08%	2069	288	
95.49%	2162	In Progress	
94.04%	1827	In Progress	
91.73%	1457	In Progress	
87.12%	889	In Progress	





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86.73%
68.14%
87.92%
42.90%
46.76%
28.29%