



ADDRESS MAINTENANCE IN WAUKESHA COUNTY, WI

Presented by

Donald Dittmar, Waukesha County LIS Manager

Census Address Summit

Shepardstown WV

September 8, 2011

Where Are We?



Why Are We Unique?

- S79W31370 GREEN MEADOWS DR
- W128S9020 BOXHORN RESERVE DR
- W210N5407 CARTERS CROSSING CIR
- N24W23899 HAWKS MEADOW DR
- N6W23001 BLUEMOUND RD

USPS Publication 28 Pg.71

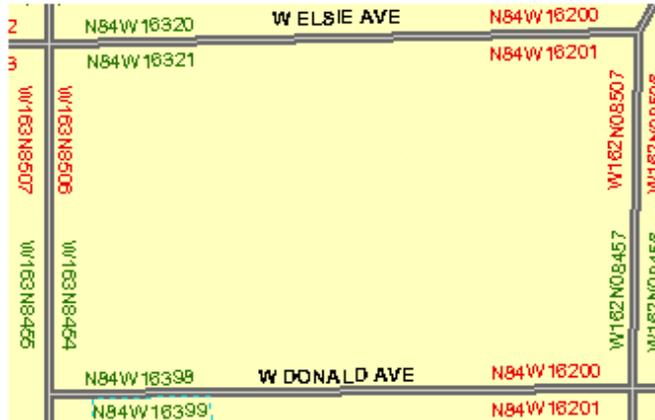
D3 Alphanumeric Combinations of Address Ranges

For example, *N6W23001 BLUEMOUND RD,*
as found in Wisconsin and Northern Illinois.

ESRI GeoLocator Styles

Alphanumeric ranges

Alphanumeric house number ranges are used in some regions of Wisconsin and Illinois. The alphanumeric portion of the address usually represents a grid zone. For example, the address N84W 16301 W Donald Ave suggests that the address is not only at 16301 West Donald Avenue but also in grid zone N84W.



This address locator style can use feature classes with any type of geometry but typically uses those with line geometry representing the street network. Each feature in the reference data represents a street segment with two address ranges, one for each side of the street.

LEFT_FROM	LEFT_TO	RIGHT_FROM	RIGHT_TO	PREFIX	NI
W204N9598	W204N9528	W204N9599	W204N9529	N	LANNO
N95W19971	N95W19999	N95W19970	N95W19998	W	MARSC
N95W16698	N95W16606	N95W16699	N95W16607	W	RICHMC
N95W16601	N95W16699	N95W16600	N95W16698	W	ROANC
N68W18353	N68W18499	N68W18352	N68W18498	W	APPLET
N95W17539	N95W17715	N95W17538	N95W17714	W	SHADY
W203N9599	W203N9401	W203N9598	W203N9400	N	BITTER:
N95W19800	N95W19898	N95W19801	N95W19899	W	AZALE.
N95W19098	N95W18900	N95W19099	N95W18901	W	CINDY
W166N9501	W166N9557	W166N9500	W166N9556	N	RICHMC

Address Inventory

- 2000 created centerline graphic file from new aerial photography
- 2001 Hired consultant to create an address file and on-line maintenance system
- 2003 Hired consultant to merge these databases into an address range attributed centerline file for emergency dispatch



LIS Program Motto

**Don't even bother to build it if
you are not going to maintain it!**

Address Maintenance System

http://maps.waukeshacounty.gov/GISweb/waukcoams2/WauCo.asp?Box=- Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Print Preview Close

Address http://maps.waukeshacounty.gov/GISweb/waukcoams2/WauCo.asp?Box=- Go Links

Google Search Popups okay Check AutoLink AutoFill Options

Zoom In Zoom Out Zoom Last Zoom Full Pan Select Clear Map On/Off DV Map Update Address Metadata Help

**Waukesha County
Address Maintenance System
Waukesha County - DELC**

Parcel Number: DELC0789004

House Number: 418

Street Name: ARLINGTON DR
New Street Name

Unit Type: -Select One-

Unit Number:

Post Office: DELAFIELD

State: WI

Zip Code: 53018 1104

Submit Changes New Search
Delete Address

Logout Report

Legend Return to Layer List

CITY OF DELAFIELD 18 17

606 Feet

State Plane Coordinates (E,N): 2424535.6, 393036.68 -- Image: 8, 343 -- ScaleFactor: 4.657965473360646

Internet

start N A G h

11:11 AM

Address Maintenance System

- Unique Sign-on for each Municipality
- Normalized street names linked to 911 streets table
- Colored coded parcels as entered
- Apartment coding tool
- Address was attribute of tax parcel

Address Maintenance System

Why would a Municipality use system

- 1) Promised to create geocoding service which would be only as good as the information they provided.
- 2) Used as method to provide new addresses to dispatch. Promise of pretesting address in system before first call for service.

Address Maintenance System

What was the Most Effective Driver ---

***US Census Bureau's
Local Update of Census
Addresses (LUCA) Program!***

LUCA

- 1) Local municipalities appreciated the Business Case for participating in LUCA
- 2) Local municipalities put off by confidentiality requirements
- 3) Local municipalities did not have digital address files or staff to do analysis
- 4) Address Maintenance system provided method for completing digital data

LUCA

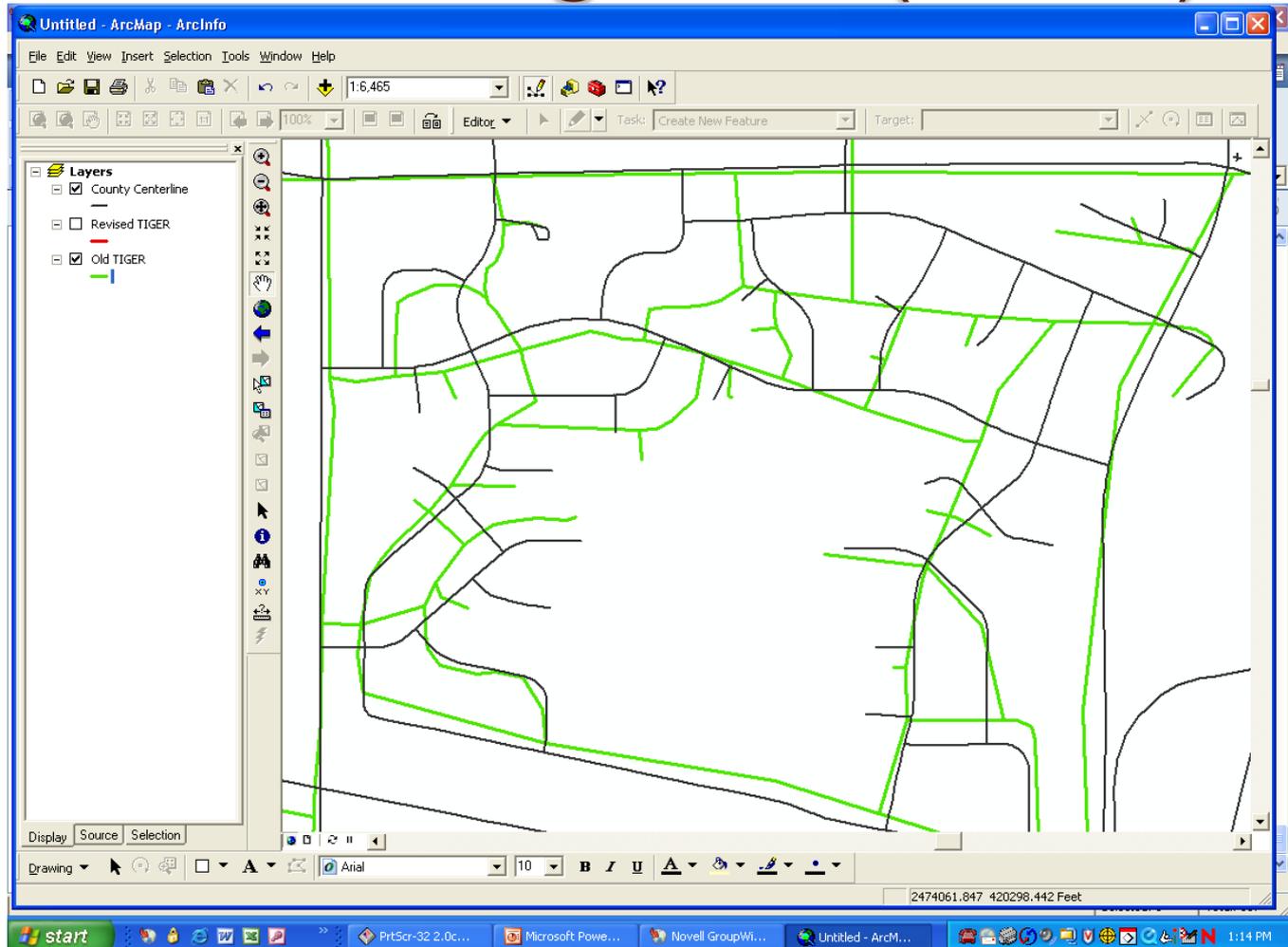
- County took on confidentiality responsibilities and did automated data comparison
- Census Bureau accepted 8,697 of the 8,777 County added addresses.



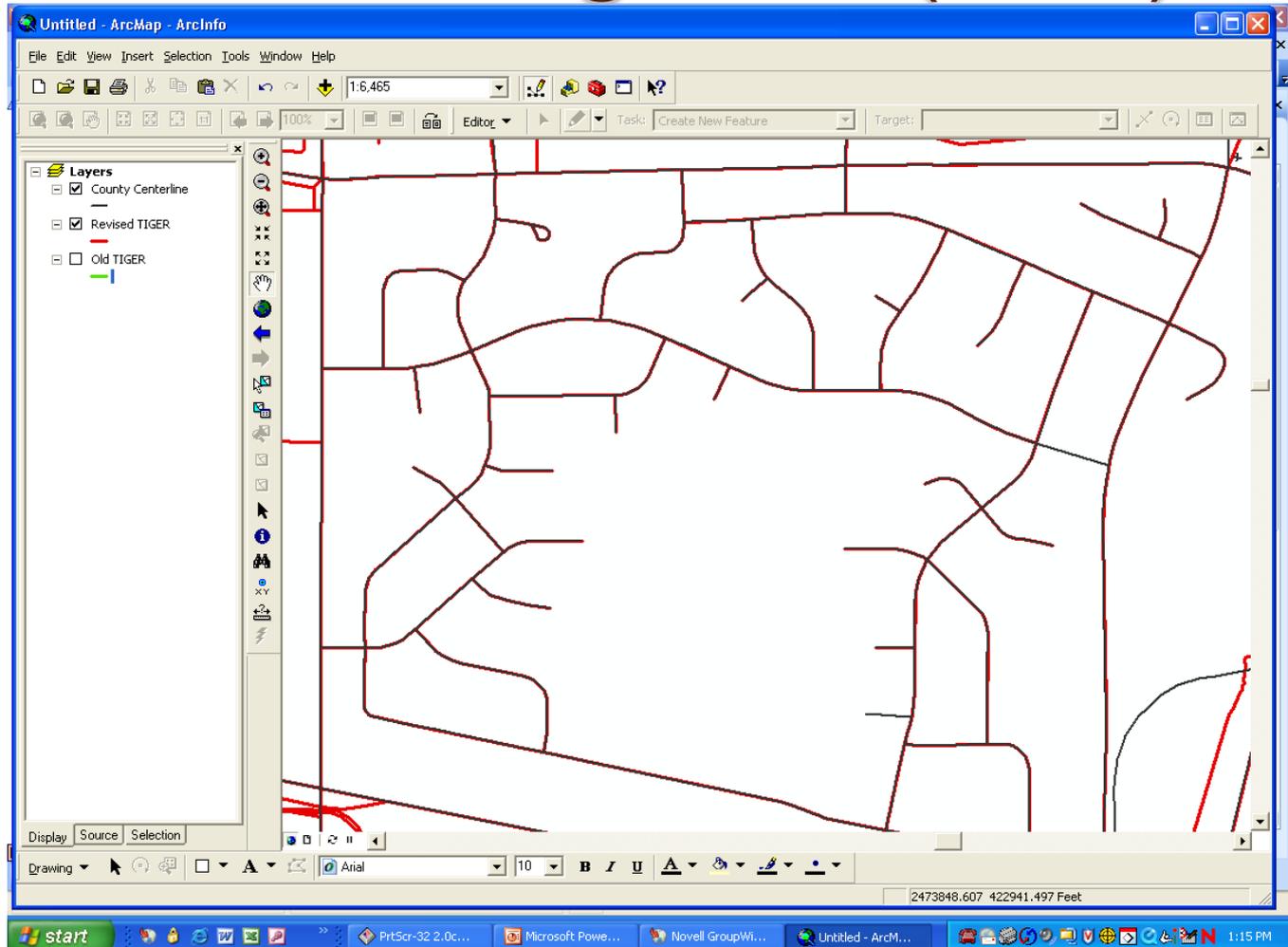
Census Bureau History of Successful Collaboration with Local Municipalities

- 1970's GBF/DIME file
- BAS
- Street Realignment

Other Census/Local Successes Street Realignment (Before)



Other Census/Local Successes Street Realignment (After)





In Summary – The Census Bureau Can:

- 1) Build off Past Successes
- 2) Build their own business case to Local municipalities
- 3) Move to updated technology to make maintenance easy
- 4) Work to become a part of the integrated data fabric so they are not just another data island begging me for data.



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THANK YOU

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