



Development of a County GIS

Steele County, MN



Initial Planning Stage

- Began around 1990
- No existing hard copy maps
- Work started on parcel mapping
- Land Offices budgeted \$4000 each for 2 years – County Board deleted each year.



County Board



- Mid 1990's – questioned why county not moving forward with GIS
- “Peer Pressure” from other Commissioners
- Set up GIS Committee of Dept. Heads



GIS Committee

- Consisted of Dept. Heads that would benefit from GIS
- Included City of Owatonna
- P & Z Director first Chair



Funding the Project

- Bonding for Joint Dispatch Center
- “Piggy-backed” GIS funding with JDC
- Board approves \$400,000 for GIS
- Also \$50,000 for each year (2) of project



Steele County GIS Project						
					Preliminary	4/25/2000
Estimated Project Costs					Estimate	Update
		Aerial Photo & Planametric Mapping			\$ 136,000.00	\$ 195,360.00
		Base & Parcel Mapping			\$ 230,000.00	\$ 161,755.00
		GPS & Monumentation			\$ 24,000.00	\$ 32,885.00
		Equipment			\$ 75,000.00	\$ 75,000.00
		Consultant & Training			\$ 35,000.00	\$ 35,000.00
		Total			\$ 500,000.00	\$ 500,000.00
	Parcel Mapping	8,650	Parcels @	\$ 18.70 /Parcel =		\$ 161,755.00
The total contract with MARKHURD is proposed to be \$210,800.00.						
\$13,400.00 will be for contour mapping of CSAH 45 and will be paid for from State Aid Funds						
\$2000.00 will be for data compression and will come from GIS Equipment budget						



Work Resumes...

- Aerial Photography first priority
- Hired MarkHurd, flown 4/2000, delivered 6/2001 (updated 4/2005)
- Parcel mapping started 8/2001 – PWA
- Completed in 8/2002
- Internet site goes on line 4/2004



Office of GIS

- Established July 2002
- A subdivision of Information Services – considered a “neutral” office.



GIS users

- Planning & Zoning - Arcview 3.x
- Assessor – Arcview 3.x, AutoCad Lite
- E911 – Arcview 3.x
- Owatonna City Planner – 3.x



GIS Software

- ArcMap 9.x
- AutoCad Land Desktop 2006
- ArcView 3.3
- ArcIMS
 - Manifold 6.0
 - Manifold Database Commander



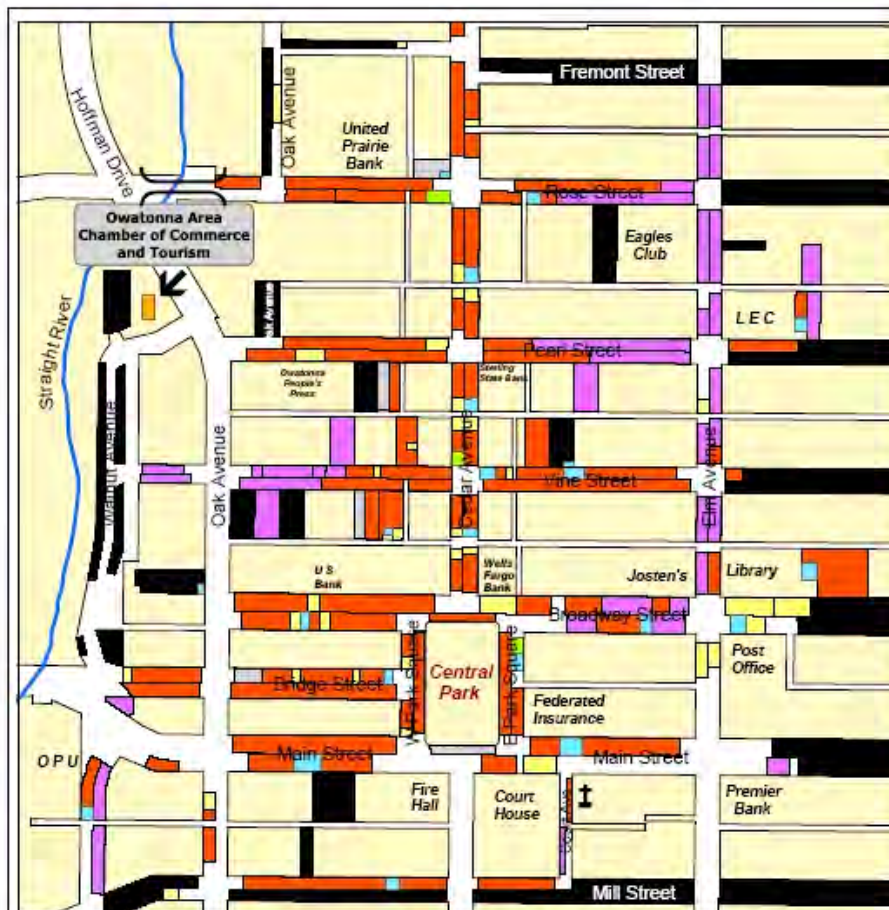
Responsibilities of GIS Office

- Maintain parcel maps
- Assign rural addresses for E911
- Database work for IS Dept.
- Data development
- Coordinating GIS activities
- Provide for information requests from within & without the county

GIS Office Projects



- Historical Society Tour Guide
- Downtown parking map
- Plat Book
- ISTS project
- CCGIS
- GIS Web Site
- Owatonna beltline/TH 14 improvements
- Steele County Transportation Plan



Parking Key	
Special Parking Type	Time Limits
Bus Parking	0.5 HR
Handicapped	2 HR
No Parking	4 HR
	20 HR
	24 HR

Downtown Owatonna Public Parking

Parking Information

Posted time limits in lots and on streets are enforced year round.

Information

Owatonna Law Enforcement Center	507-444-3800
Owatonna Area Chamber of Commerce & Tourism	507-451-7970
www.owatonna.org	
Owatonna City Hall	507-444-4340
www.ci.owatonna.mn.us	
Owatonna Fire Department	507-444-2454

The Downtown Parking Map was made in partnership with the City of Owatonna, MainStreet Owatonna, and Steele County GIS - January 2004

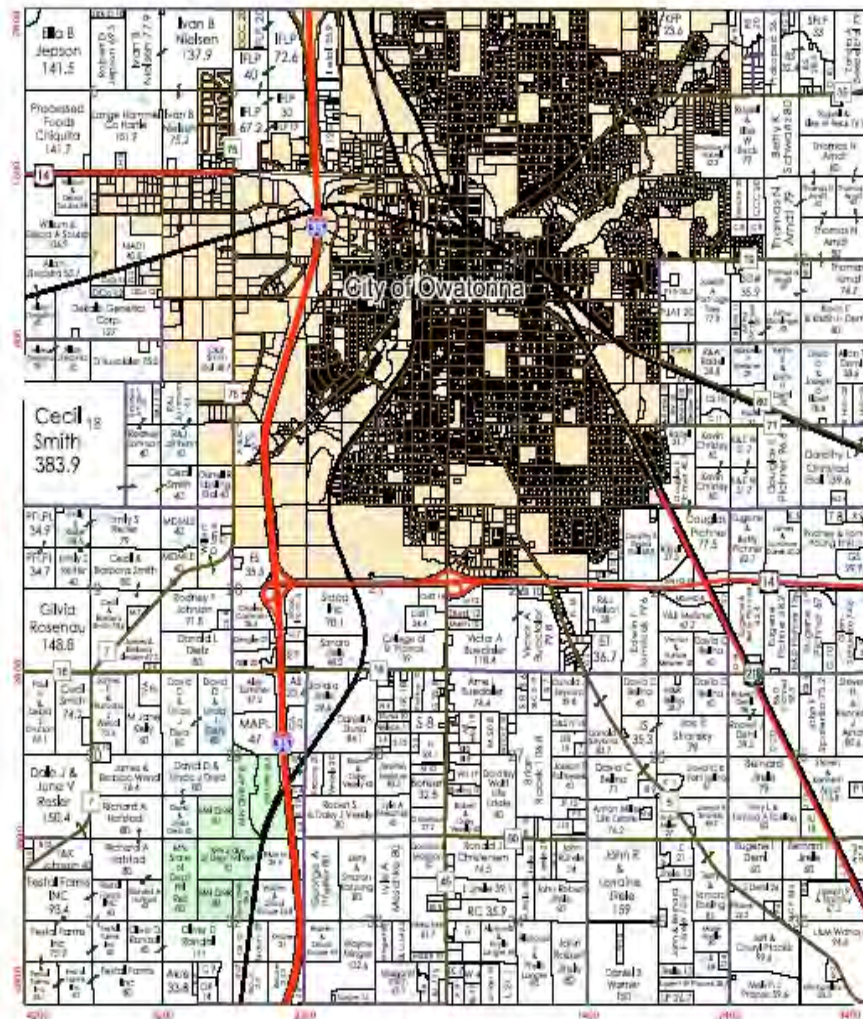


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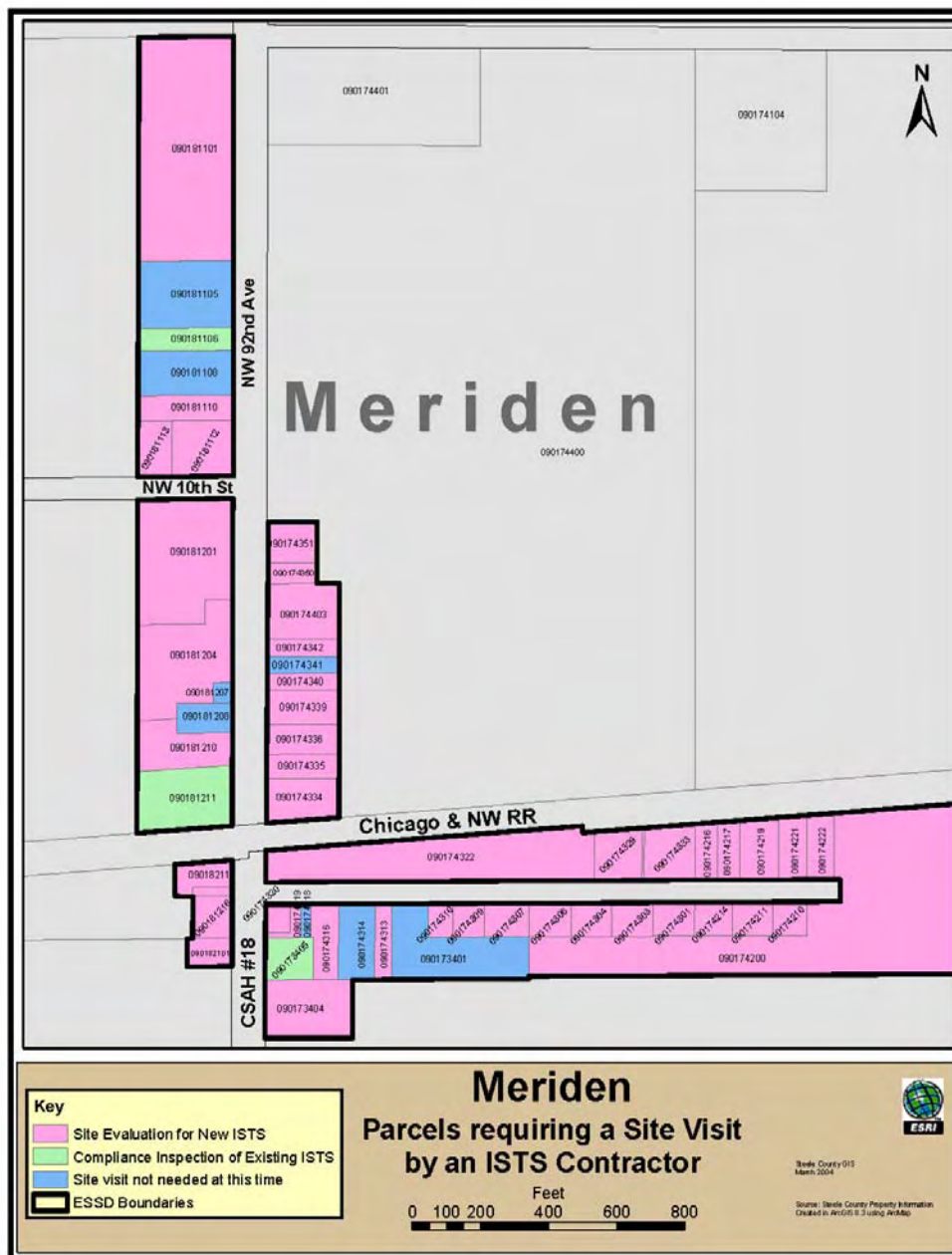


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Demo



- Parcel Creation/Maintenance
- Rural Addressing
- CCGIS
- GIS web site

Questions?



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