



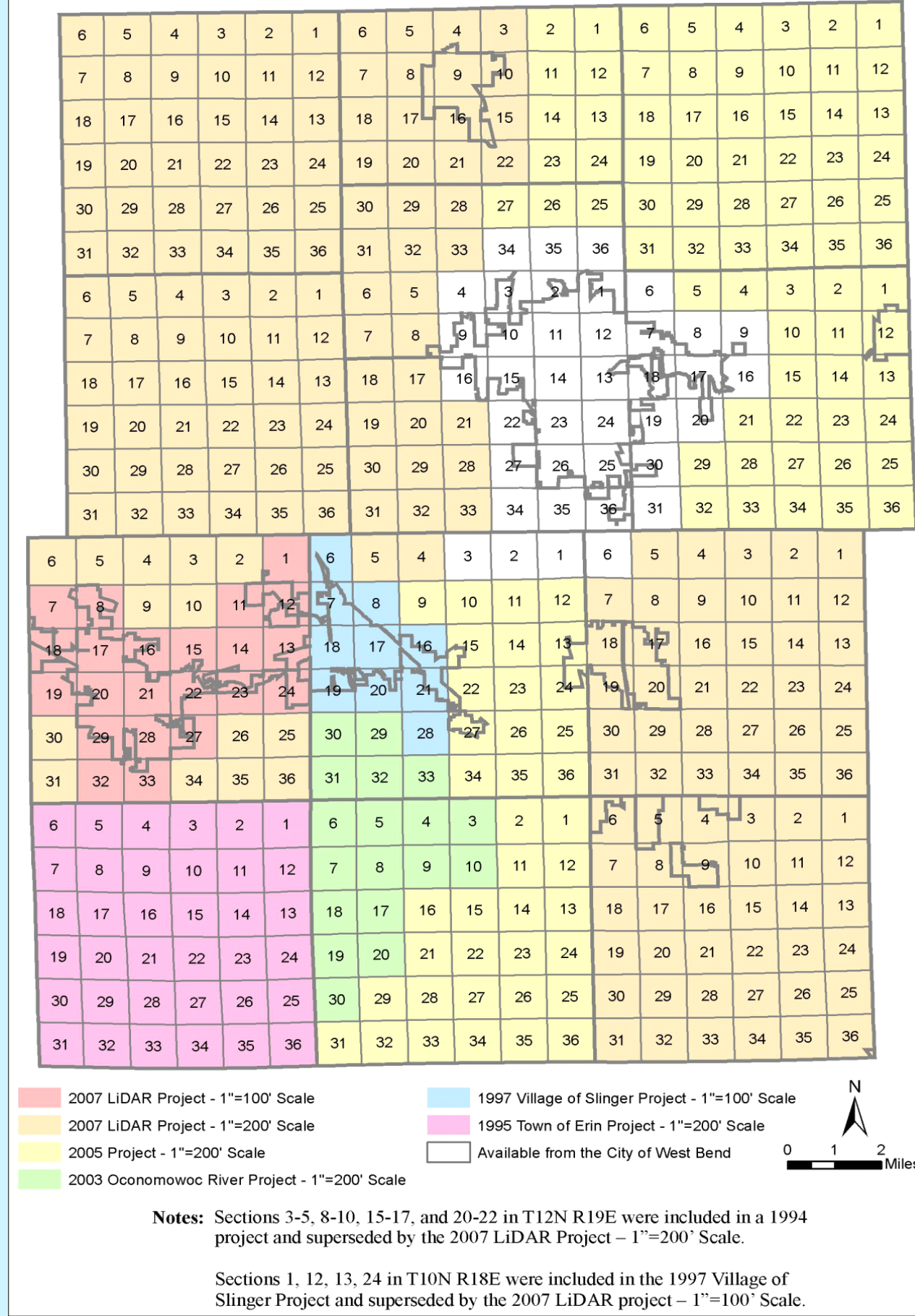
Washington County Elevation /Planimetric Data Model

Revision Date : September 20, 2007

- Point Feature Class
- Line Feature Class
- Area Feature Class
- Annotation Feature Class
- Relationship Feature Class

Elevation Features

Most Current Available Elevation Data



Washington County Topographic Mapping Summary

Town	Project	Scale
Town of Erin	1997 Town of Erin Project	1"=200' Scale
Town of Richfield	2003 Project	1"=200' Scale
Town of Germantown, Village of Germantown	2003 Occomoco River Project	1"=200' Scale
Town of Hartford, City of Hartford, Village of Slinger (part)	2007 LIDAR Project	1"=100' Scale
Town of Polk, Village of Slinger (part), Village of Jackson (part)	2007 LIDAR Project	1"=200' Scale
Town of Jackson, Village of Jackson (part)	2007 LIDAR Project	1"=200' Scale
Town of Addition	2007 LIDAR Project	1"=200' Scale
Town of Barton (part), Town of West Bend, City of West Bend (part)	2007 LIDAR Project	1"=200' Scale
Town of Trenton, Village of Newburg, City of West Bend (part)	2003 Project	1"=200' Scale
Town of Wayne	2007 LIDAR Project	1"=200' Scale
Town of Kewassum, Town of Barton (part), Village of Kewassum	2007 LIDAR Project	1"=200' Scale
Town of Farmington	2006 Project	1"=200' Scale

Feature Name	Date	Scale	Project
ANNO	11/14/03	1:200	1997 Village of Slinger Project
ANNO	11/14/03	1:200	2007 LIDAR Project
ANNO	11/14/03	1:200	2006 Project
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Domains

Feature Name	Date	Scale	Project
ANNO	11/14/03	1:200	1997 Village of Slinger Project
ANNO	11/14/03	1:200	2007 LIDAR Project
ANNO	11/14/03	1:200	2006 Project
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Brief Project Descriptions

1994 Village of Kewassum Project – A joint effort between the Village of Kewassum and Washington County, this project acquired 1"=200' scale topographic and planimetric mapping for two sections around and including the Village of Kewassum. The digital deliverable was a 2-dimensional Digital Terrain Model (DTM) which was included as a deliverable. The files containing the contours and planimetric data were included as a deliverable. These 12 sections were remapped in the 2007 LIDAR Project. Although the elevation data has been remapped for this area, the planimetric data from this project remains the most current available.

1995 Town of Erin Project – A joint effort between the Town of Erin and Washington County, this project acquired 1"=200' scale topographic and planimetric mapping for all 36 sections in the Town of Erin (Town of Richfield). This is the first project where a 3-dimensional Digital Terrain Model (DTM) was included as a deliverable. The files containing the contours and planimetric data were included as a deliverable. Both the elevation and planimetric data from this project are the most current available for the Town of Erin.

1997 Village of Slinger Project – A joint effort between the Village of Slinger and Washington County, this project acquired 1"=100' scale topographic and planimetric mapping for 14 sections around and including the Village of Slinger. With the exception of map scale, this project is very similar to the 1995 Town of Erin Project. The project deliverables included a 3-dimensional Digital Terrain Model (DTM) and 2-dimensional contour/planimetric files. The contours were clipped to allow for cartographic text placement and do not include their elevation as an attribute. Sections 1, 12, 13, and 24 in 10N R18E were remapped in the 2007 LIDAR Project. Although the elevation data was remapped for these sections, the planimetric data from this project remains the most current available. Both the elevation and planimetric data from this project are the most current available for the remaining 10 sections in 10N R19E.

2003 Occomoco River Project – A joint project between the Town of Polk, Town of Richfield, the Southeastern Wisconsin Regional Planning Commission (SEWRPC), and Washington County, this project acquired 1"=200' scale mapping for 5 sections in 10N R19E (Town of Polk) and 13 sections in 9N R19E (Town of Richfield). This project was completed to provide base data required to remap the floodplains in the Occomoco River sub-watershed. Project deliverables included a 3-dimensional Digital Terrain Model (DTM) and for the first time 3-dimensional contour/planimetric files. The elevation and planimetric data remain the most current available for the 18 sections included in this project.

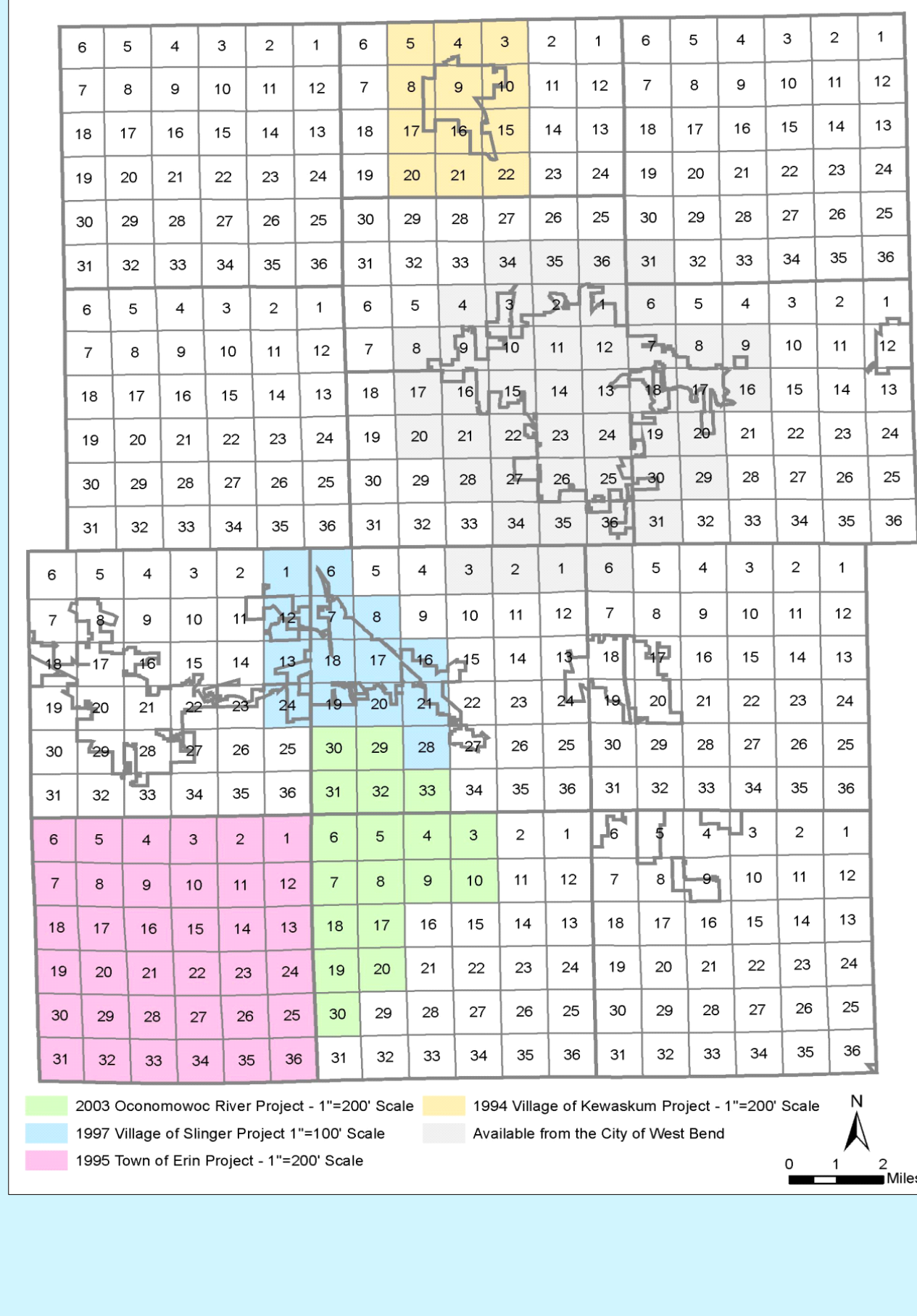
2005 Project – Completed by Washington County, this project acquired 1"=200' scale topographic mapping for 111 sections. Areas included were 23 sections in 9N R19E (Town of Richfield), 16 sections in 10N R19E (Town of Polk), 25 sections in 11N R20E (Town of Trenton), 11 sections in 12N R19 (Town of Kewassum/Barton), and all 36 sections in 12N R20E (Town of Farmington). Project deliverables included a 3-dimensional Digital Terrain Model (DTM) and 3-dimensional contour files. Additionally, the contours include their elevation as an attribute and the contours clipped for cartographic text placement were retained in the digital files. For the first time, planimetric data was not included in this project. A shift in priorities expanded the extent of elevation mapping included at the expense of planimetric mapping.

2007 LIDAR Project – Completed by Washington County, this project acquired 1"=200' scale topographic mapping for 196 sections and 1"=100' scale topographic mapping for 22 sections. Areas included are 36 sections in 10N R20E (Town and Village of Germantown), 36 sections in 10N R19E (Town and City of Hartford), 2 sections in 10N R19E (Town of Polk), 35 sections in 10N R19E (Town and Village of Jackson), 36 sections in 11N R18E (Town of Addition), 15 sections in 11N R19E (Town of Barton/West Bend), 36 sections in 12N R19E (Town of Wayne), and 22 sections in 12N R19E (Town of Kewassum/Barton). Unlike all previous projects that used photogrammetric methods to acquire topographic data, the 2007 project used LIDAR (Light Detecting and Ranging) technology. Deliverables include base-ortho LIDAR data, a 3-dimensional Digital Terrain Model (DTM) and 3-dimensional contour files. Although only the data for the previously described sections were processed, the LIDAR flight covered the entire County. The unprocessed areas could be processed should funding become available and a need arise.

City of West Bend Project – The City of West Bend completed a significant topographic and planimetric project in 1999. Much of this area was remapped in 2005. To acquire complete topographic coverage of the County, data from the City of West Bend is required. Contact the City's Community Development Department for additional information.

Planimetric and Other Features

Most Current Planimetric Data



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Town of Germantown, Village of Germantown	2003 Occomoco River Project	1"=200' Scale
Town of Hartford, City of Hartford, Village of Slinger (part)	1997 Village of Slinger Project	1"=100' Scale
Town of Polk, Village of Slinger (part), Village of Jackson (part)	1997 Village of Slinger Project	1"=100' Scale
Town of Jackson, Village of Jackson (part)	1997 Village of Slinger Project	1"=100' Scale
Town of Addition	1996 Town of Erin Project	1"=200' Scale
Town of Barton (part), Town of West Bend, City of West Bend (part)	1996 Town of Erin Project	1"=200' Scale
Town of Trenton, Village of Newburg, City of West Bend (part)	2003 Project	1"=200' Scale
Town of Wayne	2003 Project	1"=200' Scale
Town of Kewassum, Town of Barton (part), Village of Kewassum	2003 Project	1"=200' Scale
Town of Farmington	2006 Project	1"=200' Scale

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Linear Hydrographic Features

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Point Hydrographic Features

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