



# REGIS GIS Data by Folder in the Theme Manager

The following table presents all REGIS feature datasets organized by the Folder they are found in the Theme Manager from Basic Layers to Water. Within each of the Folders, the layers are categorized by sub folder, then priority, and then by the name of the layer itself. A brief description of each layer is included, as well as the data steward, the party primarily responsible for editing that data and the approximate frequency of updates for each layer.

The following “notes” may be found in numerous listings throughout this document. Multiple notes may apply to some layers.

**Note 1.** This data is maintained and edited by the City of Grand Rapids for jurisdictions that are serviced by the City of Grand Rapids, and is available to REGIS via Grand Rapids data export.

Note 2. This data is not actively edited by any party.

Note 3. This data has not been updated since original conversion.

Note 4. This data is the responsibility of Kent County as maintainers of the steam system and has not been edited or maintained since original conversion. REGIS has not received any updates to this layer since original conversion.

Note 5. This data will be added to REGIS when time permits.

Note 6. This data is maintained and edited by REGIS for areas outside of Kent County.

Note 7. This data is maintained and edited by Kent County Staff (PD&M, Drain Coa mission, etc.) for the geography of Kent County, and is available to REGIS via a Data Access Agreement between Kent County and REGIS dated 6/15/2011 .

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Major	Basic Layers	Basic Layers (Group Layer)	Group layer consisting of <ul style="list-style-type: none"> <li>• Street Centerlines</li> <li>• Parcels (Owner/Site Address)</li> <li>• Government Units; (Cities &amp; Townships, and Villages.)</li> <li>• Ortho Photos; (Group layer of Kent County and City of Hudsonville Ortho Photos)</li> </ul>	See Below	See Below	See Descriptions Below
Major	Basic Layers	Government Units	Group layer consisting of <ul style="list-style-type: none"> <li>• Cities &amp; Townships</li> <li>• Villages</li> </ul>	Local Units, REIGS, Kent County	REGIS	As Needed
Major	Basic Layers	Orthophotography 2009 - Kent Color	Imagery layer consisting of six-inch resolution color digital orthophotography for all of Kent County and vicinity. This imagery was flown in Spring 2009 and received by Kent	Kent County, Local Units, REGIS	N/A	Never (As Delivered)

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
			County/REGIS in the Winter of 2009 and has not been edited by any party.			
Major	Basic Layers	Orthos (2008) – Hudsonville Color	Imagery layer consisting of six-inch resolution color digital orthophotography for all the City of Hudsonville and vicinity. This imagery was flown in Spring 2008 and received by REGIS in the Fall of 2008 and has not been edited by any party.	REGIS Ottawa County	N/A	Never (As Delivered)
Major	Basic Layers	Parcels (Owner/ Site Address)	Polygonal layer of all parcels in Kent County and the City of Hudsonville. Data is Labeled with the Owner Name and Site Address.	Kent County, Local Units, Hudsonville	Kent County [Note7.], REGIS [Note 6.]	Constant
Major	Basic Layers	Street Centerlines	Linear feature consisting of all public and private roadways, streets, highways, freeways and other pathways that can facilitate motorized travel. This layer is constantly edited by REGIS staff, both through updates contributed by road-maintenance agencies (e.g. KCRC, cities, etc.) and through interaction with the State of Michigan (e.g. MDOT, CGI) for state-maintained roads as well as for attributes collected and maintained at the state level. The street centerline system currently exists for the entire Grand Rapids MPO with further expansion planned in the long-term. This layer has been modified so that different street types draw at different scale settings.	Participants, REGIS Kent County	REGIS, Kent County	Constant
Major	Cadastral	Historical Lot Lines	Linear layer consisting of lot boundaries which no longer make up part of a parcel boundary. This data is no longer actively edited by Kent County PD&M for the area within Kent County but is regularly maintained by REGIS staff for the City of Hudsonville. This layer will be retained until a replacement polygonal Historic Lots layer has been completed.	Kent County, Local Units, Hudsonville	Kent County, REGIS [Note 6.]	See Description
Major	Cadastral	Historical Lot Lines Annotation	Annotation layer consisting of lot boundaries annotations which no longer make up part of a parcel boundary. This data is no longer actively edited by Kent County PD&M for the area within Kent County.	Kent County, Local Units, Hudsonville	Kent County, REGIS [Note 6.]	See Description
Major	Cadastral	Historical Parcels	Parcel Annotation 2005-2011 & Parcels 2004-2011	Kent County, Local Units, Hudsonville	N/A	N/A
Major	Cadastral	Parcel Annotation (Hudsonville)	Group layer consisting of <ul style="list-style-type: none"> <li>Historical Lot Lines Anno (Hudsonville)</li> </ul>	Hudsonville	REGIS	As Needed

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Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
			<ul style="list-style-type: none"> <li>Parcel Block Number Anno (Hudsonville); consisting of the parcel block number and the oblong "football" symbol which surrounds each parcel block number</li> <li>Parcel Dimension Anno (Hudsonville)</li> <li>Parcel Number Anno (Hudsonville)</li> <li>Subdivisions &amp; Plats Anno (Hudsonville)</li> </ul>			
Major	Cadastral	Parcel Annotation (Kent County)	<p>A Group Layer consisting of</p> <ul style="list-style-type: none"> <li>Parcel Number Annotation</li> <li>Parcel Block Number Annotation; consisting of the parcel block number and the oblong "football" symbol which surrounds each parcel block number</li> <li>Parcel Dimension Annotation</li> </ul>	Kent County	Kent County	Constant
Major	Cadastral	Parcels (Owner Name Address w/o Vacant Lots)	Polygonal layer of all parcels in Kent County and the City of Hudsonville. Data has definition query on it to remove and Vacant Lots from displaying in the map. Data is Labeled with the Owner Name and Site Address.	Kent County, Local Units, Hudsonville	Kent County [Note7.], REGIS [Note 6.]	Constant
Major	Cadastral	Parcels (Owner/ Site Address)	Polygonal layer of all parcels in Kent County and the City of Hudsonville. Data is Labeled with the Owner Name and Site Address.	Kent County, Local Units, Hudsonville	Kent County [Note7.], REGIS [Note 6.]	Constant
Major	Cadastral	Parcels (Regular/PPN)	Polygonal layer of all parcels in Kent County and the City of Hudsonville. Data is Labeled with the Parcel Number.	Kent County, Local Units, Hudsonville	Kent County [Note7.], REGIS [Note 6.]	Constant
Major	Cadastral	Parcels_Geocode	Polygonal layer of all parcels in Kent County and the City of Hudsonville. This layer is used to Geocode to an address, this includes any condo properties.	Kent County, Local Units, Hudsonville	Kent County [Note7.], REGIS [Note 6.]	Constant
Major	Cadastral	Subdivisions & Plats	Polygonal layer consisting of all subdivision plats in Kent County and the City of Hudsonville.	Kent County, Local Units, REGIS	Kent County [Note7.], REGIS [Note 6.]	Constant
Major	Cadastral	Subdivisions & Plats Annotation	Annotation layer consisting of all subdivision plat annotation in Kent County and the City of Hudsonville.	Kent County, Local Units, REGIS	Kent County [Note7.], REGIS [Note 6.]	Constant

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Major	Cartographic Layers	Cartographic Streets & Roads	Linear feature consisting of all public and private roadways, streets, highways, freeways and other pathways that can facilitate motorized travel. This layer is constantly edited by REGIS staff, both through updates contributed by road-maintenance agencies (e.g. KCRC, cities, etc.) and through interaction with the State of Michigan (e.g. MDOT, CGI) for state-maintained roads as well as for attributes collected and maintained at the state level. The street centerline system currently exists for the entire Grand Rapids MPO with further expansion planned in the long-term. This layer has been symbolized so that it appears to be polygon layer consisting of the road edge of pavement. It is not the true edge of pavement, but allows for a more cartographically pleasing end product.	Participants, REGIS	REGIS	Constant
Medium	Digital Orthophotography	Orthophotography 1998-2000 – Rural  Orthophotography 1998-2000 – Urban	Imagery layer consisting of six-inch resolution (in the urban area) and 12-inch resolution (in the rural areas) black & white digital orthophotography for all of Kent County and the City of Hudsonville and vicinity. This imagery was flown during three years – 1998, 1999 and 2000 – and has not been edited by any party. It was supplanted by the 2003 imagery in late 2004.	REGIS	N/A	Never (As Delivered)
Medium	Digital Orthophotography	Orthophotography 2003	Imagery layer consisting of six-inch resolution black & white digital orthophotography for all of Kent County and the City of Hudsonville and vicinity. This imagery was flown in Spring 2003 and received by Kent County/REGIS in the Fall of 2004 and has not been edited by any party. It was supplanted by the 2009 imagery in late 2009.	Kent County, Local Units, REGIS	N/A	Never (As Delivered)
Medium	Digital Orthophotography	Orthophotography 2005 – Kent Color Infrared	Imagery layer downloaded for the State of Michigan. Resolution details not available	State of Michigan	N/A	Never (As Delivered)
Medium	Digital Orthophotography	Orthophotography 2005 – Kent Natural Color	Imagery layer downloaded for the State of Michigan. Resolution details not available	State of Michigan	N/A	Never (As Delivered)
Medium	Digital Orthophotography	Orthophotography 2005 – Ottawa Color Infrared	Imagery layer downloaded for the State of Michigan. Resolution details not available	State of Michigan	N/A	Never (As Delivered)
Medium	Digital Orthophotography	Orthophotography 2005 – Ottawa	Imagery layer downloaded for the State of Michigan. Resolution details not available	State of Michigan	N/A	Never (As Delivered)

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Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
		Natural Color				
Major	Digital Orthophotography	Orthophotography 2008 – Hudsonville Color	Imagery layer consisting of six-inch resolution color digital orthophotography for all the City of Hudsonville and vicinity. This imagery was flown in Spring 2008 and received by REGIS in the Fall of 2008 and has not been edited by any party.	REGIS	N/A	Never (As Delivered)
Major	Digital Orthophotography	Kent County Black & White	Same as below only image is in Black & White	Kent County, Local Units, REGIS	N/A	Never (As Delivered)
Major	Digital Orthophotography	Orthophotography 2009 – Kent Color	Imagery layer consisting of six-inch resolution color digital orthophotography for all of Kent County and vicinity. This imagery was flown in Spring 2009 and received by Kent County/REGIS in the Winter of 2009 and has not been edited by any party.	Kent County, Local Units, REGIS	N/A	Never (As Delivered)
Major	Digital Orthophotography	Kent County Color Infared	Same as above only image is in Black & White	Kent County, Local Units, REGIS	N/A	Never (As Delivered)
Major	Digital Orthophotography	Kent County Compressed SID Image	Temporary image used while 2009 Kent County color orthos were being loaded into the REGIS system.	Kent County, Local Units, REGIS	N/A	Never (As Delivered)
Medium	Electric Utilities	Streetlights	Point Feature class consisting of streetlights. Plainfield Township, City of Hudsonville, City of Kentwood, City East Grand Rapids currently have data in this layer. Some data was collected using a GPS.	Participants	REGIS, Various REGIS Participants	Periodically
Minor	Environmental	Brownfield Zones	Polygon layer with the intended purpose of creating a regional brownfield layer for all members to use. Layer was started during a GVMC Planning Brownfield project for the City of Grand Rapids.	REGIS	REGIS, Various REGIS Participants	As Needed
Medium	Environmental	FEMA Flood Zones	Polygonal layer consisting of the various components of flood zones as defined by FEMA (e.g. floodway, 100-year and 500-year flood stage areas). The original dataset was created from digital data acquired during original conversion in 2000 and has not been edited.	REGIS	N/A	Never (As Delivered)
Medium	Environmental	FEMA Flood Zones 2005 Draft	Polygonal layer consisting of the various components of flood zones as defined by FEMA (e.g. floodway, 100-year and 500-year flood stage areas).	REGIS	N/A	Never (As Delivered)

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Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Minor	Environmental	FEMA Map Amendments	Point feature consisting of Amendments to the 2005 FEMA Flood Zone Data.	REGIS	N/A	Never (As Delivered)
Minor	Environmental	Landfills	Polygonal layer consisting of the actual landfill areas, at present primarily facilities operated by Kent County. [Note 3.]	Participants	REGIS	Never (As Delivered)
Minor	Environmental	Oil & Gas Wells	A set of six layers consisting of various features (points and lines) relating to oil and gas well locations and facilities. The existing version of this data was obtained from the State of Michigan and is not edited locally. The state updates this data periodically and future updates to the versions within the REGIS environment need to be obtained. Bottom, Directional Lines, Permitted, Plugged & Surface.	REGIS	N/A	Periodically
Medium	Environmental	Wetlands Potential Restoration Areas	Polygonal layer containing areas that could be potentially restored to wetlands. This data was obtained from the State of Michigan data library. <a href="http://www.mcgi.state.mi.us/mgdl/">http://www.mcgi.state.mi.us/mgdl/</a> Added January 2010	State of Michigan	N/A	Never (As Delivered)
Medium	Environmental	Wetlands	Polygonal layer containing wetland areas as defined by the National Wetlands Inventory (NWI and GVSU). This data was obtained from the appropriate federal agency during original REGIS conversion.	Kent County, REGIS	N/A	Never (As Delivered)
Minor	Kentwood Cityworks	Various layers and Group layers	Various layers and Group layers created for use in the Cityworks Application by the City of Kentwood. The layers are SDEviews created from the original REGIS layers.	REGIS	REGIS	As needed
Minor	Landbase > Hydrology	Lake Level Control	Point feature consisting of features which allow for the control of the level of a body of water. Only a handful of features were created and, at present, the attributes for this layer are missing. [Note 3.]	Participants	REGIS	Never (As Delivered)

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Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Major	Landbase > Hydrology	Lakes & Ponds	Polygonal feature consisting of all bodies of water wider than a small stream, including lakes, ponds, detention basins and wide rivers. This layer is only updated rarely when circumstances warrant, such as the creation of a new man-made lake or the redirection of a river. Data from 2003 Kent County ortho project, shared to REGIS.	REGIS, Hudsonville, Kent County, Local Units	REGIS	Periodically
Major	Landbase > Hydrology	Rivers & Streams	Linear feature consisting of all narrow streams and rivers as well as the hydrologic centerlines for all larger rivers (e.g. Grand, Flat, Rogue, Thornapple, etc.). This data also contains related structures, such as dams, culverts, wingwalls, etc. Kent County does not update unless necessary. Created linear network of drainages, maintains this as linear feature. Data from 2003 Kent County ortho project, shared to REGIS.	Kent County, Local Units , REGIS	REGIS	Periodically
Medium	Landbase > Hydrology	Watersheds	Polygonal feature consisting of the watersheds as created by the Annis Water Resources Institute. This layer has not been actively verified or checked against other authoritative sources (e.g. Michigan DNR, etc.). [Note 3.]	REGIS	N/A	Never (As Delivered)
Medium	Landbase > Hydrology	Wetlands	Polygonal layer containing wetland areas as defined by the National Wetlands Inventory (NWI and GVSU). This data was obtained from the appropriate federal agency during original REGIS conversion.	Kent County, REGIS	N/A	Never (As Delivered)
Medium	Landbase > Public Land Survey	Quarter Section Lines	Reference and Construction Only: No new features added. . Linear feature class consisting of PLSS Lines which consist of quarter, section and township lines This data was converted by REGIS project as graphic only - no topology built in. As a result this feature class was remodeled in 2006 by Kent County during Parcel (PLSS, Tax District, and Political Boundary) data re-model project. This data is used by Kent County PD&M and KCDC for reference for cogo tools for the geography of Kent County. Part of Historical LBA Agreement, Kent County has not changed editing activities as data is necessary for County's business process, and mandated requirements, and support of local units regardless of REGIS membership status.	Kent County, Participants, REGIS	REGIS	As Needed

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Major	Landbase > Public Land Survey	Quarter Sections	Polygonal layer consisting of all PLSS quarter-sections in Kent and eastern Ottawa counties. Kent County updates as needed when new information comes through Remonumentation Peer Group. Ottawa County data has not been updated since incorporated into the layer. [Note 7.]	Kent County, Local Units, Local Surveyors, REGIS	N/A	As Needed
Major	Landbase > Public Land Survey	Sections	Polygonal layer consisting of all PLSS sections in Kent and Eastern Ottawa counties, derived as an aggregation of the Quarter-Sections layer. Kent County updates as needed when new information comes through Remonumentation Peer Group. Ottawa County data has not been updated since incorporated into the layer.	Kent County, Local Units , Local Surveyors, REGIS	N/A	As Needed
Minor	Landbase > Public Land Survey	Spot Elevations	Point feature containing spot elevations derived from the 2003 digital orthophotography flight and covering all of Kent County and the Greater Hudsonville area. This data is not edited by any party and is replaced completely when new DTM data is received.	REGIS	N/A	Never (As Delivered)
Minor	Landbase > Public Land Survey	Survey Monuments	Point feature class of County Remon Monuments (Center, Corner, Quarter Corner points). Based on County Remon data as submitted to the Kent County Remon Peer Group and State of Michigan.	Kent County Local Surveyors	N/A	As needed
Minor	Landbase	400 Scale Map Grid	Polygon feature used in the creation of Map Book Pages that needs to be at a 400 scale.	REGIS	N/A	Never
Medium	Landbase	Building Footprints	Polygonal layer consisting of major public and private buildings, including all governmental structures, schools, major shopping centers, etc. Unlike the building points, this layer is heavily attributed. This layer is not yet complete and is actively being expanded.	Participants	REGIS	Regularly

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Medium	Landbase	Building Points	Point feature consisting of one point placed for every individual building, apartment unit, condo unit or structure as identified in the 2008 Hudsonville and 2009 Kent county orthophotography dataset. This layer will be used for geocoding and mailing label generation when completed.	REG, Participants	REGIS	Regularly
Medium	Landbase	Contours 2003 (2-Foot w/Labels)	Linear layer of the two-foot contour lines based on the DTM from the 2003 orthophotography flight, and delivered to follow National Map Accuracy Standards (NMAS). This feature class was qa/qc'd by Kent County. Part of Historical LBA Agreement, Kent County has not changed editing activities as data is necessary for County's business process, and mandated requirements, and support of local units regardless of REGIS membership status.	Kent County, Participants, REGIS	N/A	Never
Medium	Landbase	Easements	Polygonal layer consisting of various types of public and private easements and is of varying quality and up-to-datedness depending on the unit of government and source material. This layer is edited by REGIS staff for those communities who have contributed changes/updates as requested.	Participants	REGIS	Periodically
Medium	Landbase	Soils	Polygonal feature consisting of soils data digitized from hardcopy soils maps during original REGIS data conversion. [Note 2.]	Kent County, REGIS	N/A	Never (As Delivered)
Medium	Landbase	Soils (Hudsonville Area)	Polygonal feature consisting of soils data digitized from hardcopy soils maps during original REGIS data conversion. [Note 2.]	REGIS	N/A	Never (As Delivered)
Minor	Other	Orthophotography Grid (Kent County)	Linear feature consisting of the boundaries for each individual digital orthophoto tile used in the creation of the region wide seamless digital orthophoto layer. Also included with the grid is an annotation layer consisting of the grid tile number. This data has not been edited since it was received and may be replaced by a new orthophoto grid upon receipt of the next scheduled orthophoto flight images.	REGIS	N/A	Never (As Delivered)

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Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Medium	Planning > Cemeteries	Cemeteries	Polygon feature class consisting of Cemetery Boundaries. Data is a queried subset of the Parks layer.	Participants. REGIS	REGIS	Periodically
Medium	Planning > Cemeteries	Cemeteries (Group Layer)	Group layer consisting of <ul style="list-style-type: none"> <li>• Cemeteries</li> <li>• Cemetery Blocks</li> <li>• Cemetery Graves</li> </ul> Cemetery Plots	See Below	See Below	See Below
Medium	Planning > Cemeteries	Cemetery Blocks	Polygon feature class consisting of grave Blocks. Data is provided by participants.	Participants. REGIS	REGIS	Periodically
Medium	Planning > Cemeteries	Cemetery Graves	Polygon feature class consisting of grave sites. Data is provided by participants.	Participants. REGIS	REGIS	Periodically
Medium	Planning > Cemeteries	Cemetery Plots	Polygon feature class consisting of grave plots. Data is provided by participants. Currently Kentwood, Gaines, and Plainfield have provided. Data is not been published yet as it is under constructions.	Participants. REGIS	REGIS	Periodically
Medium	Planning > Census	2000 Census Block Groups	Polygonal layer consisting of Census Block Group data created by the U.S. Census Bureau and obtained from the Michigan Center for Geographic Information. Topologically, this data does not match the other REGIS data layers and is of mediocre quality. Census Block Group-related attributes must be downloaded/obtained by the user and joined with the spatial data. This layer has not been edited by any party and is replaced by new data every decade.	U.S Census Bureau	N/A	Never

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Medium	Planning > Census	2000 Census Blocks	Polygonal layer consisting of Census Block data created by the U.S. Census Bureau and obtained from the Michigan Center for Geographic Information. Topologically, this data does not match the other REGIS data layers and is of mediocre quality. The Census Blocks do, however, contain approximately a dozen demographic attribute columns with data obtained directly from the U.S. Census. Other Census Block-related attributes must be downloaded/obtained by the user and joined with the spatial data. The spatial component of this layer has not been edited by any party and is replaced by new data every decade.	U.S Census Bureau	N/A	Never
Medium	Planning > Census	2000 Census Tracts	Polygonal layer consisting of Census Block Group data created by the U.S. Census Bureau and obtained from the Michigan Center for Geographic Information. Topologically, the Kent County portion of this layer has been cleaned up, to a point, by the CRI and contributed back to REGIS. The Ottawa County portion, however, does not match the other REGIS data layers and is of mediocre quality. Census Tract-related attributes must be downloaded/obtained by the user and joined with the spatial data. This layer is replaced by new data every decade.	U.S Census Bureau	N/A	Never
Medium	Planning > Census	2010 Census Block Groups	Polygonal layer consisting of Census Block Group data created by the U.S. Census Bureau. This layer is replaced by new data every decade.	U.S Census Bureau	N/A	Never
Medium	Planning > Census	2010 Census Blocks	Polygonal layer consisting of Census Block data created by the U.S. Census Bureau. Topologically, this data does not match the other REGIS data layers and is of mediocre quality. The Census Blocks do, however, contain attribute information from the U.S Census Bureau. (See REGIS Support Center for more details)	U.S Census Bureau	N/A	Never
Medium	Planning > Census	2010 Census Tracts	Polygonal layer consisting of Census Tract data created by the U.S. Census Bureau. This layer is replaced by new data every decade.	U.S Census Bureau	N/A	Never

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Medium	Planning > Landuse	Existing Land Use (1991)	Polygonal layer consisting of 1991 land uses obtained from Annis Water Resources Institute as an update to the 1978 MIRIS data and using the standardized categorization schemes determined by the State of Michigan. [Note 3.]	Participants	REGIS	Periodically
Medium	Planning > Landuse	Existing Land Use 2003	Polygonal layer consisting of land uses interpolated from the 2003 digital orthophotography using the standardized categorization schemes determined by the State of Michigan.	Participants	REGIS	Periodically
Major	Planning > Landuse	Planned Land Use	Polygonal layer consisting of what most call "Master Plan" information. Each unit of government is subdivided into master planning zones as determined by that unit's latest Master Plan as mandated by the State of Michigan. For participating communities, this layer is updated on a regular basis, while REGIS staff coordinates with GVMC planning to ensure the non-participating communities are updated as needed.	Participants, REGIS	REGIS	Regularly
Minor	Planning > Plainfield	Flood Hazard Zone	Polygonal feature consisting of flood hazardous zones. This layer was created by Pete Elam for the use by Plainfield Township Employees.	Plainfield	REGIS	As needed
Minor	Planning > Plainfield	Other Districts	Polygonal feature consisting of districts used in the creation of the zoning map for Plainfield Township. This layer was created by Pete Elam for the use by Plainfield Township Employees.	Plainfield	REGIS	As needed
Minor	Planning > Plainfield	Well Head Protection	<ul style="list-style-type: none"> <li>Polygonal feature consisting of an area designated as a Well Head Protected area. This layer was used in the creation of the zoning map for Plainfield Township. This layer was created by Pete Elam for the use by Plainfield Township Employees.</li> </ul>	Plainfield	REGIS	As needed

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Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Minor	Planning > USGS Land Cover	USGS Land Cover Level 1	Image layer that contains 8 classes, and generalizes to the level of vegetative physiognomy i.e. grassland, shrubland, forest. <a href="http://www.gap.uidaho.edu/landcoverviewer.html">http://www.gap.uidaho.edu/landcoverviewer.html</a>	USGS	N/A	Never (As Delivered)
Minor	Planning > USGS Land Cover	USGS Land Cover Level 2	Image layer that contains 43 classes, and incorporates information on elevation and climate. <a href="http://www.gap.uidaho.edu/landcoverviewer.html">http://www.gap.uidaho.edu/landcoverviewer.html</a>	USGS	N/A	Never (As Delivered)
Minor	Planning > USGS Land Cover	USGS Land Cover Level 3	Image layer that contains the full 590 classes. <a href="http://www.gap.uidaho.edu/landcoverviewer.html">http://www.gap.uidaho.edu/landcoverviewer.html</a>	USGS	N/A	Never (As Delivered)
Medium	Planning > Zoning	Special Zoning Districts	Polygonal feature consisting primarily of zoning "overlay" districts – usually special corridors along major roadways or natural features, such as rivers. This data has been updated for those participants who have contributed it.	Participants	REGIS	Periodically
Major	Planning > Zoning	Zoning (Local Codes)	Polygonal layer consisting of the locally-created zoning areas. For participating communities, this layer is updated on a regular basis, while REGIS staff coordinates with GVMC planning to ensure the non-participating communities are updated as needed. Layer has been symbolized by the Local Class Codes.	Participants	REGIS	Regularly
Major	Planning > Zoning	Zoning (Regional Codes)	Polygonal layer consisting of the locally-created zoning areas. For participating communities, this layer is updated on a regular basis, while REGIS staff coordinates with GVMC planning to ensure the non-participating communities are updated as needed. Layer has been symbolized by the Regional Class Codes.	Participants	REGIS	Regularly

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Minor	Planning	Airport Noise Contours (2005)	Linear feature consisting of noise contours surrounding the runways at Gerald R Ford International Airport. This data has been updated once since original conversion and no further updates have been received from the Kent County Aeronautics Department.	Kent County	REGIS	Once
Minor	Planning	Airport Zoning Permits	Point layer consisting of geocoded points relating to permits granted for structures which exceed certain height levels with certain distances of Gerald R Ford Int'l Airport. This data has been updated once since original conversion.	Participants	REGIS	Once
Minor	Planning	Billboards	Point layer consisting of geocoded or GPS billboard locations. Wyoming and Alpine Township Currently have data.	Participants	REGIS	Periodically
Minor	Planning	Brownfield Sites	Polygon layer with the intended purpose of creating a regional brownfield layer for all members to use. Layer was started during a GVMC Planning Brownfield project for the City of Grand Rapids.	Participants	REGIS	As Needed
Minor	Planning	Historic Districts	Polygonal feature that denotes areas of established historic districts. These are locally-derived districts, but no new features have been added to this layer since original conversion. At present, only features within the City of Grand Rapids have been converted.	Participants	REGIS	Never (As Delivered)
Minor	Planning	Historic Sites	Point layer consisting of features relating to specific historic structures or locations. [Note 3.]	Participants	REGIS	Never (As Delivered)
Minor	Planning	Liquor Licenses/ Liquor Licenses(draft)	Point Layer, Regional layer created to inventory the businesses issued active and escrowed liquor licenses. Data was obtained from select REGIS communities and the State of Michigan and mapped in REGIS. Separate draft layer is available for participants to review data before it is final.	Participants	REGIS	As Needed
Minor	Planning	Neighborhood Associations	Polygonal layer denoting the various neighborhood associations, at present only those within the City of Grand Rapids. [Note 3.]	Participants	REGIS	Never (As Delivered)

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Major	Planning	Parks	<p>Polygonal layer consisting of all parks, cemeteries, golf courses, green spaces and similar areas in Kent and eastern Ottawa counties. This layer has been periodically updated and REGIS staff has standardized much of its contents over the years. Local units are responsible for ensuring their local park facilities are kept up to date while REGIS staff ensures the state and other non-governmental facilities are properly maintained.</p> <p>Kent County maintains Kent County park data in a separate feature class on Kent County servers, edits as needed. Data is available to REGIS via Kent County Federated Partner SDE Connection. [Note 5.]</p>	County Parks Dept, Kent County, Participants, REGIS	REGIS	Periodically
Minor	Planning	Recreational Sites	Point features denoting various recreational facilities within parks and other similar spaces. [Note 3.]	Participants, REGIS	REGIS	Never (As Delivered)
Minor	Planning	Variances	Point features created by geocoding zoning variances provided in tabular format by local units of government to the parcels layer. This layer has only been updated for certain participants and only occasionally since original conversion.	Participants	REGIS	Periodically
Medium	Planning	ZIP Codes	Polygonal layer created by determining which ZIP Code each parcel belongs in and tracing along the parcel lines to create the polygonal ZIP Code areas. This layer was created from scratch by REGIS staff and has been updated as new ZIP Codes have been created. At present, this layer covers only Kent County but expansion into eastern Ottawa has been proposed for the future.	REGIS	REGIS	Periodically
Minor	Political Boundaries > Assessment	IFT Assessment Locations	Point layer consisting of geocoded points relating to IFT Assessment locations. [Note 3.]	Participants	REGIS	Never (As Delivered)
Medium	Political Boundaries > Assessment	Special Assessment Districts	Polygonal layer consisting of Special Assessment Districts as determined by the local units of government. The accuracy of this layer is poor, as it has not been maintained or verified since original conversion. By the nature of a Special Assessment District, the data in this layer is fluid in nature,	Participants	REGIS	Never (As Delivered)

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
			however expired districts have not been removed and new ones have never been added.			
Minor	Political Boundaries > Assessment	TIFA Assessment Districts	Polygonal layer consisting of TIFA Assessment Districts as created by local units of government. There are currently two features in this layer. [Note 3.]	Participants	REGIS	Never (As Delivered)
Minor	Political Boundaries > Government Units	County Boundaries	Polygonal layer consisting of Kent County created through aggregation of the Government Units layer. [Note 3.]	REGIS	REGIS	Never (As Delivered)
Major	Political Boundaries > Government Units	Government Units (City & Townships)	Polygonal layer consisting of the cities and townships in Kent and eastern Ottawa counties. (Villages are stored in their own dedicated layer.) This layer is updated on a regular basis as city and township boundaries are adjusted, primarily through annexation and Act 425 agreements. Kent County PD&M Staff works closely with the local units regardless of REGIS membership to update this layer whenever boundary changes or adjustments are made.	Kent County, Local Units, REIGS	REGIS	As Needed
Major	Political Boundaries > Government Units	Villages	Polygonal layer consisting of the villages in Kent County. (There are no villages within eastern Ottawa County.) This layer is updated on a regular basis as village boundaries are adjusted, primarily through annexation and Act 425 agreements. REGIS staff works to update this layer whenever boundaries change or adjustments are made.	Kent County, Local Units	REGIS	Periodically
Medium	Political Boundaries > Political	County Commissioner Districts Census 2000	Polygonal layer consisting of the County Commission Districts in Kent County. This layer has been updated within the REGIS databases by Kent County once since original conversion.	Participants	REGIS	Once

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Medium	Political Boundaries > Political	Cci bty Commissioner Districts Census 2010	Polygonal layer consisting of the County Commission Districts in Kent County updated for the 2010 Census. This layer was created by REGIS staff utilizing hardcopy maps from the Kent County website	REGIS	REGIS	Once
Minor	Political Boundaries > Political	City Commissioner Districts Census 2000	Polygonal layer consisting of city commissioner districts. At present, this layer only contains data from the cities of Grand Rapids and Hudsonville and seems to be coincident with the Wards in those two communities. [Note 3.]	Participants	REGIS	Never (As Delivered)
Minor	Political Boundaries > Political	Historic County Commissioner Districts	Polygonal layer consisting of a past iteration of the Kent County commissioner districts. This layer has been edited within the REGIS databases by Kent County once since original conversion. REGIS is currently not receiving updates to this information from Kent County.	Participants	REGIS	Never (As Delivered)
Medium	Political Boundaries > Political	Polling Places	Point layer consisting of addresses originally geocoded to the parcel site address, but then modified to be more closely positioned on the actual polling place itself. This layer was created by REGIS staff and has been modified on occasion when updates have been contributed by the local units, but has not been systematically verified in several years.	Participants, REGIS	REGIS	Periodically
Minor	Political Boundaries > Political	State House Districts	Polygonal layer containing the State House districts for Kent County. This layer is updated every ten years as redistricting occurs.	REGIS	REGIS	Periodically
Minor	Political Boundaries > Political	State House Districts 2010	Polygonal layer containing the State House districts for Kent County. This layer is updated every ten years as redistricting occurs. Updated for the 2010 Census.	REGIS	REGIS	Periodically
Minor	Political Boundaries > Political	State Senate Districts	Polygonal layer consisting of State Senate districts for Kent County. This layer is updated every ten years as redistricting occurs.	REGIS	REGIS	Periodically

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Minor	Political Boundaries > Political	State Senate Districts 2010	Polygonal layer containing the State House districts for Kent County. This layer is updated every ten years as redistricting occurs. Updated for the 2010 Census.	REGIS	REGIS	Periodically
Minor	Political Boundaries > Political	United States Congressional Districts	Polygonal layer consisting of U.S. Congressional districts for Kent County. This layer is updated every ten years as redistricting occurs.	REGIS	REGIS	Periodically
Major	Political Boundaries > Political	Wards & Precincts	Polygonal layer consisting of the wards and/or precincts within the various local units of government. This data has been updated on an irregular basis as corrections are either contributed by the local units of government or as REGIS staff notes changes (primarily for non-participating units of government).	Participants, REGIS	REGIS	As Needed
Minor	Political Boundaries > Schools	Community College Districts	Polygonal feature class consisting of Community College (Tax) Districts. Kent County's GIS staff works with the County Clerks/Register of Deeds/PDM office to identify necessary updates this feature class for when boundary changes or adjustments are needed.	Kent County	REGIS	As needed
Medium	Political Boundaries > Schools	Intermediate School Districts	Polygonal feature class consisting of Intermediate School Districts, Kent County GIS staff works with the County Clerks/Register of Deeds/PDM office to identify necessary updates this feature class for when boundary changes or adjustments are needed.	Kent County, Participants	REGIS	Periodically
Major	Political Boundaries > Schools	School Districts	Polygonal layer consisting of the School Districts. This layer was created based on the parcels information and is updated as changes are noted.	Kent County, Participants, REGIS	REGIS	Periodically
Minor	Political Boundaries	District Courts	Kent County created this data for County Court business processes.	Kent County	REGIS	As needed

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Medium	Political Boundaries	Downtown Development Authority Districts	Polygonal layer consisting of Downtown Development Authority areas. Data for this layer has been contributed by some participants and has only been updated in certain areas since original conversion.	Participants	REGIS	Periodically
Minor	Political Boundaries	LDFA Assessment Districts	Polygonal layer consisting of LDFA Assessment Districts as created by local units of government. [Note 3.]	Participants	REGIS	Never (As Delivered)
Minor	Political Boundaries	Library Districts	Polygonal layer consisting of Library Districts, largely corresponding to Government Units. [Note 3.]	Participants, REGIS	REGIS	Never (As Delivered)
Minor	Political Boundaries	Renaissance Zones	Polygonal layer consisting of designated Renaissance Zones as created by the local units of government. This layer currently does not contain any data, although some had been converted. [Note 3.]	Participants	REGIS	Never (As Delivered)
Minor	Public Safety	Fire Districts	Polygonal layer , Purpose of the layer is to create a regional fire district layer for members to utilize. Data is submitting by each government unit. There is currently data for Walker, Cascade Twp., Kentwood, Plainfield Twp., Alpine Twp. and Byron/Gaines Townships.	Participants	REGIS	As Needed
Medium	Public Safety	Outdoor Warning Sirens	Point feature consisting of the locations of Outdoor Warning Sirens. Added January 2010	Participants, REGIS	REGIS	As Needed
Minor	Public Safety	Student Safety Zone	<ul style="list-style-type: none"> <li>Polygon feature class that is a 300 ft buffer around Schools.</li> </ul>	Participants, REGIS	REGIS	As Needed

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Minor	Public Safety	KCEMS Ambulance Service Areas	Polygonal layer consisting of ambulance services areas for Kent County and parts of Ottawa County as provided by Kent County Emergency Medical Services (KCEMS).	KCEMS	REGIS	As Needed
Minor	Sanitary Sewer > Boundaries	Sanitary Service Areas	Polygonal feature consisting of sanitary sewer service areas. At present, this layer contains only those service areas for the City of Grand Rapids and has not been edited since original conversion. (This layer should be merged with "Sanitary Urban Utilities" to provide one dataset.) [Note 1.]	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	Never (As Delivered)
Minor	Sanitary Sewer > Boundaries	Sanitary Sewer Districts	Polygonal layer containing the various Sanitary Sewer Districts. This layer is very incomplete. [Note 3.]	Participants	REGIS	Never (As Delivered)
Minor	Sanitary Sewer > Boundaries	Sanitary Sewershed	Polygonal feature consisting of the sewershed for the sanitary sewer system. At present, this feature is comprised of one polygon which is coincident with the Kent County boundary. [Note 3.]	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	Never (As Delivered)
Minor	Sanitary Sewer > Boundaries	Sanitary Urban Utility Districts	Polygonal feature consisting of those sanitary sewer service areas not directly serviced by the City of Grand Rapids. [Note 3.] (This layer should be merged with "Sanitary Sewer Service Area" to provide one dataset.) [Note 1.]	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	Never (As Delivered)
Minor	Sanitary Sewer	County Septic System	Point feature consisting of locations of private septic systems. This data has not been edited since original conversion and no updates have been received from the Kent County Health Department.	Kent Co Health Dept	REGIS	Never (As Delivered)
Major	Sanitary Sewer	Sanitary Sewer System (Group Layer)	Group layer consisting of <ul style="list-style-type: none"> <li>• Sewer Air Relief Valve</li> <li>• Sewer Treatment Plants</li> <li>• Sewer Blind Connections</li> <li>• Sewer Flow Regulators</li> <li>• Sewer Lift Stations</li> <li>• Sewer Manholes</li> <li>• Sewer Meter Stations</li> <li>• Sewer Casings</li> <li>• Sewer Laterals</li> </ul> Sewer Mains	Participants	REGIS, Grand Rapids [Note 1.] , Various REGIS Participants	Constant

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Medium	Sanitary Sewer	Sewer Air Relief Valves	Point feature consisting of air relief valves on the sanitary sewer system.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	Periodically
Minor	Sanitary Sewer	Sewer Blind Connections	Point feature consisting of locations of connection fittings within the sanitary sewer system.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	Never (As Delivered)
Minor	Sanitary Sewer	Sewer Casings	Linear features consisting of casings around sewer mains as they pass under railroads, rivers and streets, for example.	Participants	REGIS, KCDC, Various REGIS Participants	As Sources are Provided
Minor	Sanitary Sewer	Sewer Flow Regulators	Point feature consisting of locations of devices which regulate the flow within the sanitary sewer system. At present only one feature is existent in the layer within the City of Grand Rapids. [Note 1.]	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	Never (As Delivered)
Major	Sanitary Sewer	Sewer Laterals	Linear feature consisting of those sanitary sewer lines which connect structures to the sanitary sewer system.	Participants	REGIS, Grand Rapids [Note 1.], Various REGIS Participants	Constant
Medium	Sanitary Sewer	Sewer Lift Stations	Point feature consisting of locations of sanitary sewer lift stations.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	As Sources are Provided
Major	Sanitary Sewer	Sewer Mains	Linear feature consisting of the mains belonging to the sanitary sewer system.	Participants	REGIS, Grand Rapids [Note 1.], Various REGIS Participants	Constant
Major	Sanitary Sewer	Sewer Mains w\ Linked Docs	This layer is meant to give users a easy way to identify if a feature has a digital document attached to the mains	Participants	REGIS, Grand Rapids [Note 1.], Various REGIS Participants	Constant

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Major	Sanitary Sewer	Sewer Manholes	Point feature consisting of access locations to the sanitary sewer system.	Participants	REGIS, Grand Rapids [Note 1.], Various REGIS Participants	Constant
Medium	Sanitary Sewer	Sewer Meter Stations	Point feature consisting of sanitary sewer metering stations which are structures containing sanitary sewer meters.	Participants	REGIS, City of Grand Rapids [Note 1.], Various REGIS Participants	As Sources are Provided
Minor	Steam System	Steam System (Group Layer)	Group layer consisting of Steam Anchor Points, Steam Expansion Joints, Steam Plants, Steam Pressure Reducing Stations, Steam Valves, Steam Vaults, Steam Service Connections, and Steam System Pipes. [Note 4.]	Kent County	N/A	Never (As Delivered)
Major	Storm Sewer	Detention Basins (Kent County Drain Commission)	Polygonal feature consisting of storm detention basins.	KCDC	KCDC [Note 7.]	Periodically
Medium	Storm Sewer	Drain Districts (Kent County Drain Commission)	Polygonal feature consisting of KCDC drain districts.	KCDC	KCDC [Note 7.]	Periodically
Major	Storm Sewer	Drain Easements (Kent County Drain Commission)	Polygonal feature consisting of drainage easements.	KCDC	KCDC [Note 7.]	Periodically
Minor	Storm Sewer	Storm Bridges	Point feature consisting of locations where storm drains pass under other features, such as roadways and railroads. This data is periodically updated as sources are received. Storm owned by the City of Grand Rapids has not been updated since original conversion.	Participants	REGIS, KCDC, Various REGIS Participants	As Sources are Provided
Minor	Storm Sewer	Storm Casings	Linear features consisting of steel casings around storm mains as they pass under railroads, rivers and streets, for example. Storm owned by the City of Grand Rapids has not been updated since original conversion.	Participants	REGIS, KCDC, Various REGIS Participants	As Sources are Provided
Minor	Storm Sewer	Storm Detention Control Structures	Point feature consisting of structures which control the flow into and out of storm detention basins. This data is updated periodically as sources are received. Storm owned by the City of Grand Rapids has not been	Participants	REGIS, KCDC, Various REGIS Participants	Periodically

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
			updated since original conversion.			
Minor	Storm Sewer	Storm Districts	Polygonal layer containing the various Storm Sewer Districts.	Participants	REGIS	Unknown
Major	Storm Sewer	Storm Inlets	Point feature consisting of storm water collection points. Storm owned by the City of Grand Rapids has not been updated since original conversion.	Participants	REGIS, KCDC, Various REGIS Participants	Constant
Major	Storm Sewer	Storm Laterals	Linear feature consisting of storm pipes connecting into storm mains. Storm owned by the City of Grand Rapids has not been updated since original conversion.	Participants	REGIS, KCDC, Various REGIS Participants	Constant
Minor	Storm Sewer	Storm Lift Stations	Point feature consisting of the location of storm lift stations. At present, this layer contains one point within the City of East Grand Rapids. [Note 3.] Storm owned by the City of Grand Rapids has not been updated since original conversion.	Participants	REGIS, KCDC, Various REGIS Participants	Never (As Delivered)
Major	Storm Sewer	Storm Mains	Linear feature consisting of the storm sewer mains. Storm owned by the City of Grand Rapids has not been updated since original conversion.	Participants	REGIS, KCDC, Various REGIS Participants	Constant
Major	Storm Sewer	Storm Mains w\ Linked Docs	This layer is meant to give users a easy way to identify if a feature has a digital document attached to the mains	Participants	REGIS, Grand Rapids [Note 1.], Various REGIS Participants	Constant
Major	Storm Sewer	Storm Manholes	Point feature consisting of access locations to the storm sewer system. Storm owned by the City of Grand Rapids has not been updated since original conversion.	Participants	REGIS, KCDC, Various REGIS Participants	Constant
Major	Storm Sewer	Storm Outfalls	Point feature consisting of locations where storm discharge occurs. Storm owned by the City of Grand Rapids has not been updated since original conversion.	Participants	REGIS, KCDC, Various REGIS Participants	Constant
Major	Storm Sewer	Storm Sewer (Group Layer)	Group layer consisting of <ul style="list-style-type: none"> <li>• Storm Bridges</li> <li>• Storm Detention Control Structures</li> <li>• Storm Inlets</li> <li>• Storm Lift Stations</li> <li>• Storm Manholes</li> </ul>	Participants	REGIS, Grand Rapids [Note 1.], Various REGIS Participants	Constant

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
			<ul style="list-style-type: none"> <li>• Storm Outfalls</li> <li>• Storm Weirs</li> <li>• Storm Casings</li> <li>• Storm Laterals</li> </ul> <p>Storm Mains</p>			
Minor	Storm Sewer	Storm Subcatchments	<p>Polygonal feature consisting of storm subcatchment areas. At present, this layer consists of data within one watershed spanning the cities of Grand Rapids and Walker and Alpine Township. [Note 3.]</p> <p>Storm owned by the City of Grand Rapids has not been updated since original conversion.</p>	Participants	REGIS, KCDC, Various REGIS Participants	Never (As Delivered)
Minor	Storm Sewer	Storm Weirs	<p>Point feature consisting of weirs which control the flow of stormwater.</p> <p>Storm owned by the City of Grand Rapids has not been updated since original conversion.</p>	Participants	REGIS, KCDC, Various REGIS Participants	As Sources are Provided
Medium	Transportation	2008 GVMC Pavement Condition Network	<p>Linear feature consisting pavement conditions determined by the Transportation Department of the Grand Valley Metro Council. This data was collected using the pavement management van that the Transportation Department owns.</p>	REGIS	REGIS	Periodically
Minor	Transportation	Airport Runways	<p>Polygonal layer which will contain runways at the various airports in Kent and eastern Ottawa counties. This layer, primarily meant for cartographic and display purposes, has not yet been created by REGIS staff.</p>	REGIS	REGIS	N/A
Medium	Transportation	Airports	<p>Polygonal feature consisting of the entire area owned by the airport operating entity and is based on the Parcels data. This layer was created by REGIS staff and, at present, consists of only five features.</p>	REGIS	REGIS	Periodically
Minor	Transportation	Bridges	<p>Point layer consisting of the locations of bridges; associated with the Street Centerlines layer. Only two communities converted data for this layer. [Note 3.]</p>	Participants, REGIS	REGIS	Never (As Delivered)

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Medium	Transportation	Bus Routes	Linear feature consisting of all ITP and DASH bus routes, including those which may enter Ottawa County. This layer was converted primarily for cartographic display, as the bus routes do not necessarily coincide with street centerline features, especially where multiple routes run along the same stretch of roadway. This layer is updated periodically by REGIS staff after ITP updates their own bus route maps using another system.	ITP	REGIS	Periodically
Medium	Transportation	Bus Stops	Point feature consisting of all ITP and DASH bus stops, including those which may exist in Ottawa County. This layer was converted primarily for cartographic display, as the bus routes are not topologically associated with the bus routes or with any street centerline features. This layer is updated periodically by REGIS staff after ITP updates their own bus stop maps using another system.	ITP	REGIS	Periodically
Major	Transportation	Cartographic Streets & Roads	Linear feature consisting of all public and private roadways, streets, highways, freeways and other pathways that can facilitate motorized travel. This layer is constantly edited by REGIS staff, both through updates contributed by road-maintenance agencies (e.g. KCRC, cities, etc.) and through interaction with the State of Michigan (e.g. MDOT, CGI) for state-maintained roads as well as for attributes collected and maintained at the state level. The street centerline system currently exists for the entire Grand Rapids MPO with further expansion planned in the long-term. This layer has been symbolized so that it appears to be polygon layer consisting of the road edge of pavement. It is not the true edge of pavement, but allows for a more cartographically pleasing end product.	Participants, REGIS	REGIS	Constant
Minor	Transportation	Edge of Pavement	Polygon layer created from digitizing the curb to curb of the streets using the 2009 Digital Orthophoto. Currently data is just for Wyoming.	Participants	REGIS	As Requested
Medium	Transportation	Federal Aid Urban Area Boundary	Polygonal feature consisting of the federally-designated urban areas within the Grand Rapids MPO region. This data is updated every ten years based on new census figures and is obtained from MDOT.	REGIS	REGIS	Periodically

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Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Medium	Transportation	GVMC DRAFT Pavement Conditions (2007)	Linear feature consisting pavement conditions determined by the Transportation Department of the Grand Valley Metro Council. This data was collected using the pavement management van that the Transportation Department owns.	REGIS	REGIS	Periodically
Medium	Transportation	GVMC PASER Ratings (2206)	Linear feature consisting pavement conditions determined by the Transportation Department of the Grand Valley Metro Council using PASER Rating Standard.	REGIS	REGIS	Periodically
Medium	Transportation	Intersections	Point features which exist at the end of every street centerline segment, including "dead-end" roads and other places not traditionally thought of as "intersections." Other than a Cul-de-sac flag, few major attributes have been entered for these features. REGIS has configured ArcGIS 9 to automatically create intersection points whenever two line features meet, so while this layer is constantly edited, much of the editing process is automated.	Participants, REGIS	REGIS	Constant
Minor	Transportation	Mile Markers	Point feature consisting of the locations of the Mile Markers along the Freeways. Not a completed layer at this time. Data currently is for the City of Wyoming.	Participants	REGIS	Never (As Delivered)
Medium	Transportation	NonMotorized Facilities (Group Layer)	Group layer consisting of <ul style="list-style-type: none"> <li>• Shared Use Paths</li> <li>• Bike Lanes &amp; Bike Routes</li> <li>• Sidewalks &amp; Sidepaths</li> <li>• Pedestrian Bridges</li> <li>• Crosswalks</li> </ul>	Participants, REGIS	REGIS	As Needed
Minor	Transportation	Parking	Point feature consisting of public surface parking lots operated by a municipality or other public body. This does NOT include privately-operated parking lots and does not include parking structures. Only three participants converted Parking Lot data. [Note 3.]	Participants	REGIS	Never (As Delivered)
Minor	Transportation	Railroad Crossings	Point features which exist at the intersection point between the railroad and street centerline layers.	Participants	REGIS	Never (As Delivered)
Major	Transportation	Railroads	Linear feature consisting of all railroad tracks in Kent and eastern Ottawa counties. This data is edited by REGIS staff in conjunction with a data relationship with MDOT and is updated as ownership and status of rail lines changes.	REGIS	REGIS	Periodically

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Medium	Transportation	Sidewalks	Linear feature consisting of sidewalks as well as "connecting segments" for crosswalks and other gaps in the otherwise continuous sidewalk system. This layer was originally converted by REGIS staff for GVMC Transportation and consisted of just the sidewalks alongside the Federal-Aid system, however some REGIS participants have some or all of their local sidewalks converted as well.	Participants, REGIS	REGIS	Periodically
Major	Transportation	Street Centerlines	Linear feature consisting of all public and private roadways, streets, highways, freeways and other pathways that can facilitate motorized travel. This layer is constantly edited by REGIS staff, both through updates contributed by road-maintenance agencies (e.g. KCRC, cities, etc.) and through interaction with the State of Michigan (e.g. MDOT, CGI) for state-maintained roads as well as for attributes collected and maintained at the state level. The street centerline system currently exists for the entire Grand Rapids MPO with further expansion planned in the long-term.	Participants, REGIS	REGIS	Constant
Major	Transportation	Street Centerlines (Original)	Linear feature consisting of all public and private roadways, streets, highways, freeways and other pathways that can facilitate motorized travel. This layer is constantly edited by REGIS staff, both through updates contributed by road-maintenance agencies (e.g. KCRC, cities, etc.) and through interaction with the State of Michigan (e.g. MDOT, CGI) for state-maintained roads as well as for attributes collected and maintained at the state level. The street centerline system currently exists for the entire Grand Rapids MPO with further expansion planned in the long-term. Layer contains the original symbolization used from ArcGIS 9.0.	Participants, REGIS	REGIS	Constant
Minor	Transportation	Street Cut Permits	A point feature containing geocoded points corresponding to locations where street cut permits have been issued by a road-maintaining authority. At present, there are only five records in this dataset and all within the City of Hudsonville. No other communities have converted street cut permits. [Note 3.]	Participants	REGIS	Never (As Delivered)
Medium	Transportation	Traffic Counts	Point feature consisting of locations of traffic counting devices placed along federal-aid roadways in the Grand Rapids MPO region. This data is supplied by the GVMC Transportation division and is maintained by their staff. New	GVMC Transportation	REGIS	Periodically

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Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
			data is supplied to REGIS on a period basis as it becomes available.			
Medium	Transportation	Traffic Signals	Point feature consisting of locations of traffic signals, flashing beacons and similar traffic control devices in Kent and eastern Ottawa counties. (Ostensibly, each traffic signal feature is snapped to a street centerline or street centerline intersection.) This data has been updated once by GVMC Transportation and REGIS staff recently, although it has not been systematically reviewed by the data stewards since original conversion.	Participants, REGIS	REGIS	Once
Minor	Transportation	Traffic Signs	Point feature consisting of geocoded points corresponding generally to the location of street signs. At present, the only data converted has been in the City of Grand Rapids. [Note 3.]	Participants	REGIS	Never (As Delivered)
Medium	Transportation	Trails & Bikeways	Linear feature consisting of all hiking trails, footpaths and bicycle trails in Kent and eastern Ottawa counties, including proposed and programmed trails. This data is periodically updated, primarily through a relationship with GVMC Transportation, but also due to updates contributed by participants and non-participating entities (e.g. North Country Trail Assoc., Friends of the Paul Henry Trail, etc.).	Participants, REGIS	REGIS	Periodically
Minor	Transportation	Transit Hubs	Point feature that currently consists of the location of the ITP Surface Transportation Center in downtown Grand Rapids. It has been edited once since original conversion.	ITP	REGIS	Once
Minor	Water Utilities > Boundaries	Water Contract Areas	Polygonal feature consisting of water contract areas. At present, this layer contains only those contract areas for the City of Grand Rapids. [Note 3.]	Participants	REGIS, Various REGIS Participants	Never (As Delivered)
Medium	Water Utilities > Boundaries	Water Hydrant Districts	Polygonal feature consisting of districts created by local units of government to aid in the maintenance of their fire hydrants.	Participants	REGIS, City of Grand Rapids [Note 1.], Various REGIS Participants	Periodically
Minor	Water Utilities > Boundaries	Water Service Areas	Polygonal feature consisting of water service areas. At present, this layer contains only those service areas for the City of Grand Rapids and has not been edited since original conversion. (This layer should be merged with "Water Urban	Participants	REGIS, Various REGIS Participants	Never (As Delivered)

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
			Utilities" to provide one dataset.) [Note 1.]			
Minor	Water Utilities > Boundaries	Water Urban Utilities	Polygonal feature consisting of those water service areas not directly serviced by the City of Grand Rapids. [Note 3.] (This layer should be merged with "Water Service Area" to provide one dataset.) [Note 1.]	Participants	REGIS, Various REGIS Participants	Never (As Delivered)
Medium	Water Utilities	Water Access Vaults	Point feature consisting of water access chambers containing water system valves.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	As Sources are Provided
Medium	Water Utilities	Water Air Relief Valves	Point feature consisting of air relief valves on the water network.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	Periodically
Minor	Water Utilities	Water Blowoff Valves	Point feature consisting of blowoff valves on the water network. This data has been updated once since original conversion. [Note 1.]	Participants	REGIS, Various REGIS Participants	Once
Minor	Water Utilities	Water Casings	Linear features consisting of casings around water mains as they pass under railroads, rivers and streets, for example.	Participants	REGIS, KCDC, Various REGIS Participants	As Sources are Provided
Medium	Water Utilities	Water Control Valves	Point features consisting of control on the water network.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	Periodically
Medium	Water Utilities	Water Curbstops	Point features consisting of curbstops/stop boxes on the water network.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	As Sources are Provided
Major	Water Utilities	Water Fire Hydrants	Point feature consisting of fire hydrants on the water network.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS	Constant

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
					Participants	
Medium	Water Utilities	Water Interconnects	Point features consisting of locations where different municipality water systems connect with each other. This data is updated periodically as sources are received.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	As Sources are Provided
Minor	Water Utilities	Water Leaks	Point features consisting of locations where water may be removed from the system for various purposes. At present there is no data in this layer.	Participants	REGIS, Various REGIS Participants	Never (As Delivered)
Major	Water Utilities	Water Mains	Linear feature consisting of the water mains making up the backbone of the water system.	Participants	REGIS, City of Grand Rapids [Note 1.], Various REGIS Participants	Constant
Major	Water Utilities	Water Mains w\ Linked Docs	This layer is meant to give users a easy way to identify if a feature has a digital document attached to the mains	Participants	REGIS, Grand Rapids [Note 1.], Various REGIS Participants	Constant
Medium	Water Utilities	Water Meter Routes	Linear feature consisting of routes used for water meter readings.	Participants	REGIS, Various REGIS Participants	As Sources are Provided
Medium	Water Utilities	Water Meter Stations	Point feature consisting of water metering stations which are structures containing water meters.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	As Sources are Provided
Medium	Water Utilities	Water Meters	Point feature consisting of meters placed on the water network where the network transitions from a public to private one.	Participants	REGIS, City of Grand Rapids [Note 1.] , Various REGIS Participants	As Sources are Provided
Medium	Water Utilities	Water Pipe Fittings	Point feature consisting of locations where two or more water mains or other water network features meet.	Participants	REGIS, City of Grand Rapids [Note 1.] ,	As Sources are Provided

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
					Various REGIS Participants	
Minor	Water Utilities	Water Pump Stations	Point feature consisting of pump stations. This data is updated periodically as sources are received. [Note 1.]	Participants	REGIS, Various REGIS Participants	As Sources are Provided
Major	Water Utilities	Water Service Pipes	Linear features consisting of water services branching off water mains and serving individual customers.	Participants	REGIS, City of Grand Rapids [Note 1.], Various REGIS Participants	Constant
Medium	Water Utilities	Water Storage Tanks	Point feature consisting of tanks for the storage and pressurization of water.	Participants	REGIS, City of Grand Rapids [Note 1.], Various REGIS Participants	As Sources are Provided
Major	Water Utilities	Water System Valves	Point feature consisting of valves for stopping the flow of water within the water system.	Participants	REGIS, City of Grand Rapids [Note 1.], Various REGIS Participants	Constant
Medium	Water Utilities	Water Treatment Plants	Point feature consisting of water treatment plant locations for water distribution. This data has been updated once since original conversion, however the frequency of new water treatment plants coming online makes this a layer requiring infrequent updates.	Participants	REGIS, City of Grand Rapids [Note 1.], Various REGIS Participants	Once

## REGIS GIS Data by Folder in the Theme Manager

Layer Priority	Theme Manager Folder	Layer Name	Description	Data Steward	Editing Responsibility	Update Freq.
Major	Water Utilities	Water Utilities (Group Layer)	<p>Group layer consisting of</p> <ul style="list-style-type: none"> <li>• Water Access Vaults</li> <li>• Water Air Relief Valves</li> <li>• Water Anodes</li> <li>• Water Backflow Preventers</li> <li>• Water Blowoff Valves</li> <li>• Water Control Valves</li> <li>• Water Leaks</li> <li>• Water Curbstops</li> <li>• Water Fire Hydrants</li> <li>• Water Fittings</li> <li>• Water Interconnects</li> <li>• Water Metering Stations</li> <li>• Water Meters</li> <li>• Water Pump Stations</li> <li>• Water System Valves</li> <li>• Water Storage Tanks</li> <li>• Water Treatment Plants</li> <li>• Water Casing</li> <li>• Water Mains</li> <li>• Water Service Pipes</li> <li>• Water Wells</li> </ul>	Participants	REGIS, Grand Rapids [Note 1.], Various REGIS Participants	Constant
Minor	Water Utilities	Water Wells	Point feature consisting of both municipal supply wells as well as private wells for individual structures. The municipal supply well portion of this layer is periodically edited as sources are received, however only four community's wells are currently included. The private wells for individual structures have not been edited since original conversion and no updates have been received from the Kent County Health Department.	Participants	REGIS, Various REGIS Participants	Periodically

## REGIS GIS Data by Folder in the Theme Manager

### Document Changes

February 14, 2013	Multiple updates and additions made
November 22, 2010	Added USGS Land Cover layers
November 01, 2010	Added Edge of Pavement
May 14, 2010	Added NonMotorized Facilities
January 13, 2010	Added Wetland Potential Restoration Areas (Environmental & Landbase > Hydrology) and Outdoor Warning Sirens (Public Safety)
November 25, 2009	Document modified from original document
January 12, 2007	The creation of the original document as recommended by the REGIS Data Inventory Subcommittee