

Michigan Geographic Framework Version 9 Updates

(May 1, 2009)
(MGF Version 9)

Please Note: If you have any questions about the framework data you have received, please contact Laura Blastic at the Michigan Center for Shared Solutions and Technology Partnerships. Phone: 517-373-7910, email: blasticl@michigan.gov

Improvements since Version 8:

1. ACT51 2007 Certification used as a resource in updating the road network and the associated attribution.
 - a. Incorporated roads certified, decertified, or reclassified by cities, villages and counties occurring in 2007.
 - b. This process facilitated updates to the Legalsystem and road ownership fields
 - c. Incorporated city and village boundaries annexations.
 - d. If a current imagery source was unavailable, roads not formerly in the MGF may have been added based on the ACT51 maps. The road name on the ACT51 map may have been assigned to the fename field for these added roads.
2. The National Functional Class (NFC) and National Highway System (NHS) were reviewed and updated by MDOT staff.
 - a. Worked toward standardization of the NFC (and legalsystem and other) values of roadways associated with boulevards, such as directional turnarounds.
 - b. Changed the values of selected NHS routes to distinguish the different types of intermodal connectors from the “regular” NHS.
3. Added Authorized Vehicle Only crossovers on the limited access freeway based on GPS points collected by the Michigan Department of Transportation. These features were added into the Linear Referencing System.
4. Added and referenced many Michigan Department of Natural Resource Boating Access Sites (BAS) road features. Used GSP drivelines collected by MDOT in partnership with MDNR.
5. Michigan tribal roads have been identified with two new fields: irrcode and irrclass. Irrcode is a unique identifier for each of the Michigan tribes and the Irrclass is the Bureau of Indian Affairs functional classification of the road. In addition to adding many new tribal roads, several existing road features have been marked as being part of a tribal road network. This project is a multi-year project therefore not all tribal networks have been completed.
6. Added new and reviewed current roundabouts features to follow referencing standards created by MDOT Referencing Specialist.
7. Additional roads were added to the MGF using information submitted by local authorities for the Qualified Voter File (QVF) street index.
8. Additional roads were added and name changes were done to the MGF using crash information received from MDOT and State Police.
9. Locally generated road centerlines have been provided to CGI for some areas of Michigan. The MGF for Allegan, Ionia, Jackson, Kalamazoo, Kent, Macomb, Marquette, Monroe, Montmorency, Oakland, and Washtenaw counties were updated with information acquired

through local data sharing partnerships and data sharing efforts between CGI and many County and Regional GIS departments. The centerlines provided accurate geographic positioning, road names, and address information.

10. Approved changes requested through the Asset Management Project were incorporated into the transportation network.
11. Framework Classification Codes (FCC) enhanced and reviewed in many areas.
12. Linear referencing system mile points recalculated (BMP, EMP)
13. State Trunkline updates: See MGF_v9_Trunkline_Updates at http://www.michigan.gov/cgi/0,1607,7-158-12759_14194---,00.html for a description of the updates.
14. Verification of the attribute values for the following GIS polygons; 2000 US Congressional, State Senate, State House, 2000 Census Tracts, 2000 Census Block Groups, and FAUB. In addition, the internal features of each polygon were assigned with the corresponding value of the bounding polygon feature.