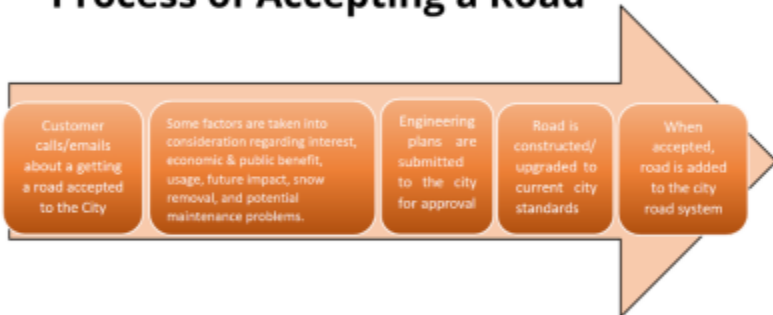


# Adding a Road to the City Road System

## Accepting a Road to the City Road System

Adding a road to the city road system would mean that all maintenance and snow removal would be managed through the city. More information on the process of adding a road to the city system can be found below.

### Process of Accepting a Road



## Resident Interest

For residents with a concern or request to add a road to the city system, they may contact the city engineering department at 906-632-5734. Before any action is taken, the city will consider the following factors:

- City Interest
- Economic and Public Benefit
- Road Usage
- Available resources
- Future Impacts
- Snow Removal
- Potential Maintenance

## Surveying and Research Needed:

In addition, the city may require technical documentation such as soils or environmental data produced by qualified professionals. All costs associated with preparation of the road for consideration shall be documented and the information provided to the city.

### • Road Widths and Surveys

- Road rights-of-way for other than city primary roads shall be a minimum of sixty (60) feet in width.
- All dead-end roads or streets shall have a “turn-around” with a minimum radius of one hundred twenty-five (125) feet.

- Road rights-of-way shall be surveyed and marked by registered land surveyors. Legal property descriptions must be provided.
- Road width shall follow the City Commission standard street width of 30 feet for any new curb street built inside the City.

#### • **Drainage and Drainage Structures**

- Adequate means to care for surface drainage on and adjacent to the roadway shall be provided. This generally requires ditches connecting to established drains, natural watercourses, or constructed channels. Where necessary, access easements shall be provided for maintenance of the drainage system. Ditches shall be constructed along the roadway where necessary.
- Driveway culvert sizes shall be determined by the city with a minimum diameter of 18 inches and a minimum length of 42 feet.
- Where need be, curb and gutter systems should be closed, and ditch drainage systems should be open and sloped.
- No drainage systems shall flow into sanitary sewers.

#### • **Sight Distance, Grades, and Ditches**

- The minimum vertical sight distance shall be 400 feet.
- The maximum permitted grade shall be 7%.
- The width of roadbed shall be not less than 34 feet between shoulder points for non-primary roads.
- Shoulder slopes shall be not less than 3 horizontals to 1 vertical with 4:1 preferred.
- Ditch depth shall be a minimum of 1 foot below the shoulder point unless otherwise permitted by the City.
- Back slopes shall be not less than 2:1.
- In clay or silty soils, a minimum of a 24-inch sand subbase shall be provided beneath a crushed aggregate base.

#### • **Surface and Crown**

- Surfacing material shall be as determined by the city and placed on a properly prepared roadbed. Roadway crown from the centerline to the outside shoulder shall be  $\frac{1}{4}$  inch per foot of roadway.

### **General Requirements**

All grading, surfacing, and incidental work shall conform to generally good construction practices found in the latest edition of Michigan Department of Transportation Manual of Road Construction.

PROPOSED ROADWAY TO BE CONSIDERED FOR ACCEPTANCE TO THE CITY'S ACT 51 ROAD SYSTEM SHALL BE BUILT IN ACCORDANCE WITH SECTION B "NEW CONSTRUCTION/RECONSTRUCTION (4R)" OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAMS GUIDELINES FOR GEOMETRICS ON LOCAL AGENCY PROJECTS, 2017 EDITION AND IN 2018 AASHTO Policy on Geometric Design of Highways and Streets.

All pedestrian improvements built in coordination with the proposed roadway shall be built to current ADA standards. All concrete curb ramps shall be built to comply with the current MDOT Standard Detail R-28-J.

All roadside barriers shall be built in accordance with the 2011 AASHTO Roadside Design Guide.

ALL PERMANENT SIGNINGS AND PAVEMENTS MARKINGS SHALL BE IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AS AMENDED.

TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH SECTION 812 OF THE 2020 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS AMENDED, SUPPLEMENTAL SPECIFICATIONS, AND AS HEREIN SPECIFIED WITHIN THE PLANS.

EXCEPT, WHERE OTHERWISE INDICATED ON THE PLANS OR IN THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED THEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2020 EDITION, AND THE CURRENT SUPPLEMENTAL SPECIFICATIONS.