

Your Road Maintenance Millage Plan of Action

The Southwest Michigan Planning Commission has completed the analysis of the roads that have been rated previously and those that are currently being rated. A thumbnail map has been created so you can see what the planned network of road ratings will be (see additional drop-down document on website).

Notice that some roads that are unrated are private roads that we do not plan to rate. Also, some of the roads within the network are gravel roads. The State Transportation Asset Management Council is just now establishing a protocol for using the PASER rating system on gravel roads. We are looking into whether we can use their new protocol on our gravel roads.

Also attached is a breakdown of the asset management project the township has engaged the SWMPC to undertake with regard to our infrastructure. Once completed, the township road advisory committee will work with the Berrien County Road Department in formulating our multi-year road program and schedule.

Continue to check back to www.chikamingtownship.org for updates!

Chikaming Township Asset Management Plan Proposed Scope of Work

I. Introduction:

- A. *Purpose of the plan*
- B. *Summary of the system*

II. Context

- A. *Infrastructure*
- B. *Utilities*
 - 1. Sanitary
 - 2. Drainage – Storm water
 - 3. Water
 - 4. Non-motorized – Sidewalks, walking paths, striping, paved shoulders
- C. *Land Use*
 - 1. Building Construction
 - 2. Zoning Classification

III. Condition Assessment

- A. *Infrastructure Projects*
 - 1. Construction or Reconstruction dates
 - 2. Verify dates as current & accurate
 - 3. Future projections
- B. *Evaluation of the System*
 - 1. History
 - 2. PASER ratings
 - 3. Major deterioration factors (i.e., truck traffic, flooding, erosion)

IV. Mix of Fixes, Estimated Costs, and Funding Levels

- A. *Mix of Fixes*
 - 1. Routine Maintenance Options
 - 2. Preventative Maintenance Options
 - 3. Reconstruction Options

Chikaming Township Asset Management Plan Proposed Scope of Work

4. Highest and lowest priority roads
5. Life cycle of each type of fix

B. Budget

1. Township

V. Future Conditions, Performance Measures, and Targets

A. Introduction

B. Performance Measures and Targets

C. Timeline

D. Assessment Model

E. Traffic Scenarios

F. Scenarios based on varying strategies

VI. Tradeoff Analysis and Candidate Projects

A. Tradeoff Analysis

B. Identify Candidate Projects

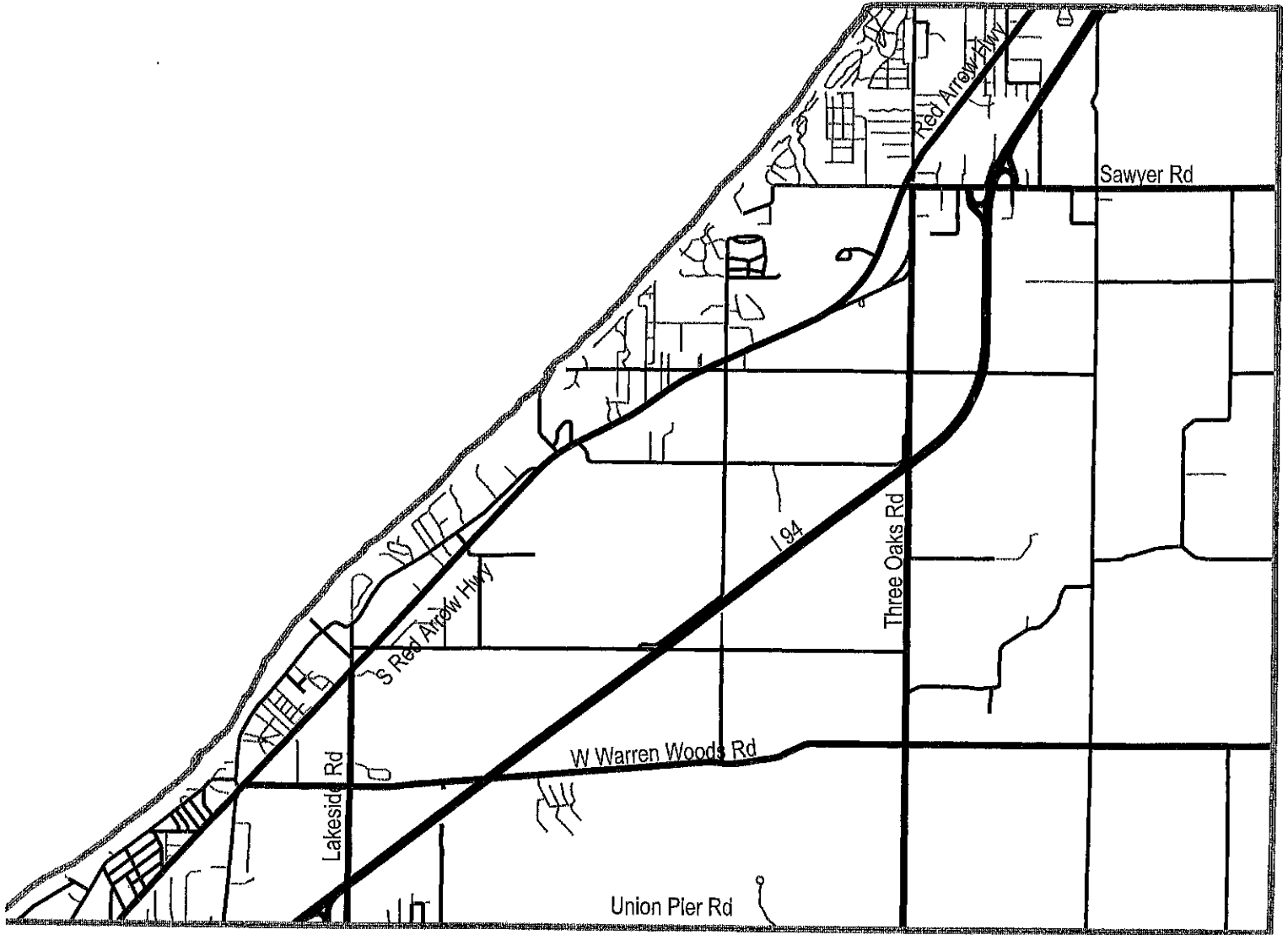
C. Develop Multi Year Program/Project Schedule

D. 20 year table

E. Year by year table

F. Maps by increments

Chikaming Township Roads to be Rated



Chikaming Township



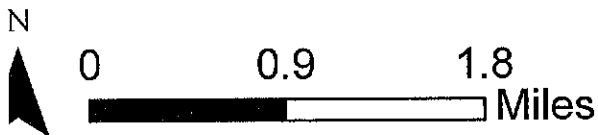
Roads Rated in 2017



Roads to be Rated



Private Roads (Not Act 51 Certified)



Note: All federal aid eligible roads are Act 51 certified.