



Memorandum

To: Eric Gibson

From: Jesse Thomas, AICP

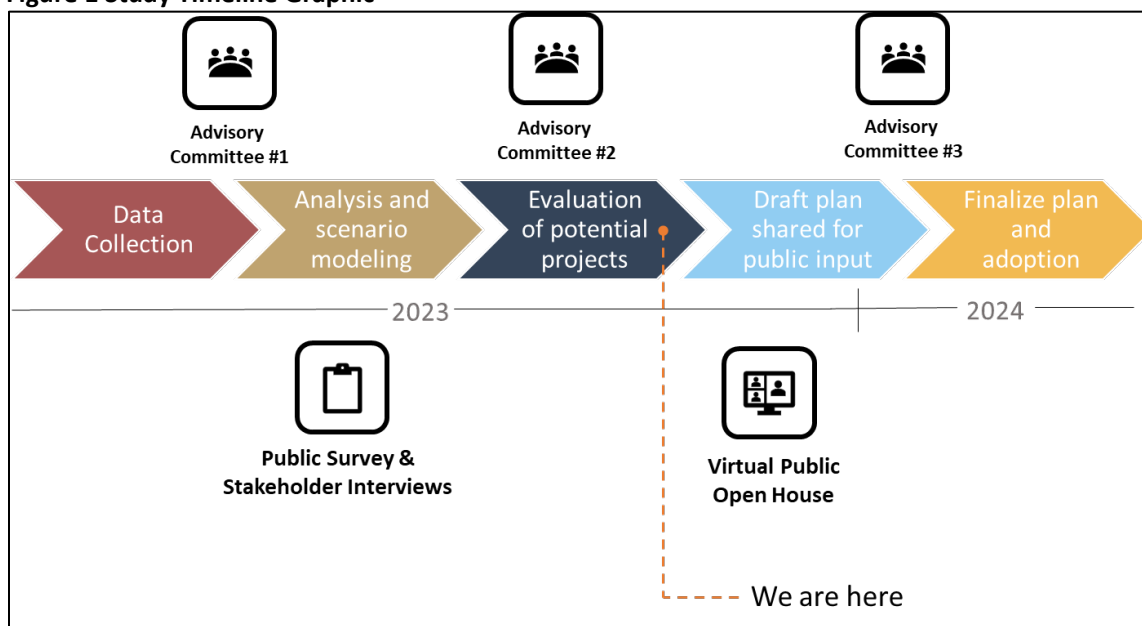
Date: November 9, 2023

Subject: Grundy County Multimodal Transportation Master Plan Status Update

The Grundy County Highway Department has partnered with the Grundy Economic Development Council and several municipalities to secure funding for the Grundy County Multimodal Transportation Master Plan (*Grundy Moves*), which began in Spring 2023. The intent of the study is to build consensus on a program of transportation improvements that are anticipated to meet both the existing and anticipated future needs of the transportation network. The project is multijurisdictional, considering State, County, municipal, and township facilities, and is fiscally unconstrained.

As shown in **Figure 1**, the project team has completed data collection, technical analysis and modeling, and is currently evaluating project concepts for inclusion in the final plan. A virtual public open house is scheduled to launch later this year, and will be followed in early 2024 by final plan adoption.

Figure 1 Study Timeline Graphic



Major Tasks of the Study

The project team has completed several deliverables, as described below.

Existing Conditions Analysis – The project team was tasked with determining current conditions through review of past plans, traffic data analysis, and technical assessment of many aspects of the transportation network. The following steps have been completed:

- Traffic counts at key locations.
- Data collection and analysis on safety, congestion, asset conditions.
- Detailed analysis of intersection performance at key locations, provided in a separate memorandum (9/22/23).
- Completed existing conditions memorandum (8/21/23).

Traffic Modeling – The project team has developed a regional travel demand model that was used to determine the impacts of changes in traffic volumes on network conditions and to evaluate the efficacy of alternatives. The following steps have been completed:

- Developed and calibrated travel demand model.
- Defined future-year (2050) scenarios.
- Processed modeling outputs.
- Completed report (in final review as of 11/9/23).

Outreach – The project team has completed several stakeholder engagement tasks. Feedback has been collected in various ways to influence the recommendations of the study. The following steps have been completed:

- Two Advisory Committee meetings (6/26/23 and 10/3/23).
- Launched and maintained study website.
- Completed a public survey and summary report (survey open 8/24-9/25/23, 427 responses).
- Completed stakeholder interviews and summary report.
- *Current and Upcoming* – A virtual public open house will be held during December.
- *Current and Upcoming* – A third Advisory Committee meeting will present final recommendations of the study.

Transportation Improvement Program – The project team is developing a prioritized list of potential projects that are expected to meet both current and future needs. This project list will demonstrate consensus among Grundy County stakeholders, and will position the State, County, and municipalities to pursue competitive funding opportunities. The following steps have been completed:

- Identified list of potential transportation improvements for evaluation
- Determined methodology and evaluation criteria (current conditions, mobility, economic development, safety, environment, and equity).
- Completed initial scoring of projects.
- *Current and Upcoming* – The project team is reviewing the initial project scoring results, and will also receive feedback from the public and Advisory Committee before finalizing. The project team will also develop an interactive, updateable database for ongoing management of the Transportation Improvement Program after the close of the study.

Current and Upcoming – Innovative and Emerging Technologies: The project team will identify opportunities for Intelligent Transportation Systems (ITS) and operational improvements in the study area. These results will be summarized in a technical memorandum.

Current and Upcoming – Final Report: The project team will prepare a final plan and executive summary in early 2024.