Research Needs for Planning, Policy and Asset Management
Technical Advisory Group
Effective / Updated: 9/1/2023

1. Issue Identified:

Evaluate the pavement present worth process and provide updated parameters and cost for calculations

2. Summary of Problem:

Illinois Department of Transportation has encouraged the transfer of unmarked state jurisdiction highways to local governments. To encourage this transfer, IDOT provides funding to aid local governments in improving and maintaining the roadway. Currently this funding is determined by use of a present worth formula and is deposited into the local government’s Motor Fuel Tax account where it can be used for any MFT-eligible project. It has been many years since the cost and process used in the pavement portion of the present worth calculation has been updated. Material, transportation, and labor rates have increased significantly in the last several years, and IDOT’s calculation has not kept up with the increases. Pavement improvement requirements, including ADA standards, have also changed since the present worth process was last reviewed.

3. Desired Results / Outcome:

The study will include a peer review of how other states handle transferring low-volume unmarked state routes to local governments as well as an update of dollar amounts used in the present worth calculation. The study will also determine a method to keep the dollar amount used in the formula current with inflation and increased cost as well as evaluate the factors that are used for determining the present worth dollar amount. This can include, but is not limited to, Transportation Asset Management Plan requirements, number of lanes, rural urban location, or ADA requirements.