Project Title: C-07-10: Bridge - Vehicle Impact Assessment

PIN: New Project

Responsible Unit: Supervisor, Bridge Safety Assurance Unit

Project Manager: Lagace P.E., Scott

Project Goal:
The goal is to review the factors behind NYSDOT’s most frequently hit bridges, determine systemic causes and recommend strategies for reducing bridge hits.

Actions Proposed:
- Review available literature.
- Survey other states for established procedures.
- Review state-of-the-art technology that may be useful in preventing bridge hits.
- Review NYSDOT database containing the history of bridge hits.
- Meet with appropriate Department technical personnel and managers to collect their expert opinions.
- Visit bridge sites as needed.
- Develop a list of contributing factors for specific bridge hits from site visits and other available information.
- Develop recommendations to reduce the likelihood of bridge hits at specific locations.
- Develop general recommendations to reduce the likelihood of bridge hits in general.

Anticipated Work Products and Accomplishments:
A report which will document contributing factors for specific bridge site locations along with recommendations to reduce the likelihood of bridge hits at specific locations, as well as bridges in general.

Proposed Budget: $200,000