Project Title: C-04-04: Application of Ground Penetrating Radar for Hwy Pavements

PIN: R020-66-881

Responsible Unit: Transportation Research & Development Bureau

Project Manager: Yang, Wes

Project Goal:
To demonstrate the application of Ground Penetrating Radar (GPR) for highway pavements through the collection of pavement thickness and condition data, underground utilities data, and to recommend an implementation strategy and a work plan for network application.

Actions Proposed:
Conduct GPR testing to collect pavement thickness and condition data, underground utilities data at four project sites located in Regions 1 and 2, and to recommend an implementation strategy and a work plan for network level application.

Anticipated Work Products and Accomplishments:
- A report detailing GPR data collection and analysis for the four sites tested.
- An implementation Plan for the Project-Level GPR applications.
- A Work Plan for Network applications using GPR
- A final report that documents the research effort.

Proposed Budget: $100,000