



**Kyle M.
Potvin, P.E.**

Program Director

Education

B.S., Land Surveying, Michigan Technological University, 1997

A.S., Civil Engineering, Michigan Technological University, 1996

Professional Registration

Professional Engineer, Wisconsin, 2007; also Illinois, Louisiana, Michigan, Nevada, New York, North Dakota, Oklahoma, Virginia, and Washington

INTRODUCTION

Mr. Potvin is the Program Director of the State Airport Agencies Program at Applied Pavement Technology, Inc. (APTech) and manages APTech's office in Waunakee, Wisconsin. He has 25 years of pavement engineering experience and has been involved with airport pavement management system (APMS) projects for twenty-eight state aviation agencies, twenty-six commercial airports, and seven military installations.

His extensive airport experience includes leading Pavement Condition Index (PCI) inspections, analyzing falling weight deflectometer (FWD) data, calculating Pavement Classification Numbers (PCNs), analysis of pavement maintenance and rehabilitation (M&R) needs, developing capital improvement programs (CIPs), customizing pavement management software, and assisting with developing web-based Interactive Data Exchange Applications (IDEAs).

REPRESENTATIVE EXPERIENCE

- Project Manager for the 2019 to 2020 Hawaii APMS Update, as a subcontractor. Overseeing all aspects of this project which includes Honolulu International Airport and Kahului Airport. Tasks involve evaluating airport pavement conditions using the visual PCI procedure, updating the PAVER databases, and preparing multi-year CIP plans. Also served as Lead Engineer on the 2014 to 2016 update and as a Project Engineer for the 2005 update. These updates included performing structural evaluation and the determination of PCNs.
- Project Manager for the 2019 to 2021 Michigan APMS Update. This project includes ninety-seven airports. Managing the day-to-day aspects of the project, including updating the pavement inventory data, conducting PCI inspections, updating and customizing the PAVER database, analyzing data, updating the web-based IDEA, and preparing project reports. Also served as the Project Manager for the following previous updates: 2005 to 2008, 2009 to 2012, 2013 to 2015, and 2016 to 2018 updates.
- Senior Engineer for the 2017 to 2018 Washington State Update. Conducted training on the use of the PAVER software. Also served as the Lead Engineer for the 2005 and 2012 updates.
- PCI Supervisor for the 2019 to 2020 Tennessee APMS Update. Overseeing the collection of all PCI data for the sixty-nine project airports.
- Project Manager for the 2019 to 2021 Indiana APMS Update, which includes sixty-seven airports. Managing the day-to-day aspects of the project, which include reviewing records, customizing the database, conducting PCI inspections, developing a 5-year CIP for each airport,

preparing reports, and developing a web-based IDEA. This project also includes training in PCI inspection and use of PAVER software. Served as Project Manager for the 2016 to 2019 update.

- Project Manager for the 2018 Nevada APMS Update. This project included twenty-two airports. Managed the day-to-day aspects of the project, which included reviewing records, updating the pavement inventory, collecting pavement condition data, updating the PAVER database, analyzing data, updating the web-based IDEA, and project reports. Also served as the Project Manager for the 2013 to 2015 update, as a subcontractor to Jacobs Engineering Group, Inc.
- Project Manager for the 2018 North Dakota APMS Update, as a subcontractor to Mead & Hunt, Inc. Oversaw all aspects of APTech's work, which included updating the pavement inventory data, reviewing construction history information, updating maps, performing PCI inspections, preparing a 5-year CIP, and updating the web-based IDEA. Also served as Project Manager for the 2012 and 2015 updates.
- Project Manager for the 2016 to 2018 Louisiana APMS Update. This project included sixty-two airports. Oversaw all aspects of this project, including reviewing records, updating the network definition, performing PCI inspections, customizing the aviation toolset, analyzing data, developing project reports, creating GIS map links, determining PCNs, and providing training on PCI and PAVER.
- Project Manager for the 2020 to 2022 Wisconsin APMS Update. This project includes two complete updates of the State's APMS consisting of ninety airports. Managing the day-to-day aspects of the project, including updating and customizing the APMS database, conducting PCI inspections, collection of pavement strength data, calculating PCNs, analyzing the APMS, developing a 5-year CIP, preparing project reports, and developing a web-based IDEA. Also served as the Project Manager for the 2009 to 2011 and 2012 to 2019 updates.
- Senior Engineer for the Houston Airport System (Texas) Asset Condition Assessments, including Houston George Bush Intercontinental Airport and Houston William P. Hobby Airport, as a subcontractor to Woolpert, Inc. Converted existing APMS data from the previously used AIRPAV software to PAVER.
- Project Manager for the Sawyer International Airport (Michigan) Pavement Capital Improvement Study, as a subcontractor to Mead & Hunt. Managed the day-to-day aspects of the project, completed pavement analyses, developed a multiyear CIP, and reported results.
- Project Manager for the Wittman Regional Airport (Wisconsin) Structural Evaluation, as a subcontractor to OMNNI Associates, Inc. Managed the day-to-day aspects of the project, QA/QC, data analysis, and reporting.
- Project Manager for the Wittman Regional Airport (Wisconsin) Runway 18-36 Study, as a subcontractor to OMNNI Associates, Inc. Managed the day-to-day aspects of the project, QA/QC, data analysis, and reporting.
- Project Manager for the Augusta Regional Airport (Georgia) Structural Evaluation. Used the results of this structural evaluation and analysis to supplement the recommendations and information delivered under the Georgia APMS Update.
- Project Manager for the Capital City Airport (Pennsylvania) Runway 8-26 Evaluation. Managed the day-to-day aspects of the project, QA/QC, PCI data analysis, and reporting.
- Quality Control Supervisor for the Detroit Metropolitan Wayne County Airport (Michigan) Pavement Condition Update. Conducted QA/QC activities.