

# DEVELOPING A WORKFORCE TODAY FOR TOMORROW'S TECHNOLOGY

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## ABSTRACT

From Artificial to increases in mobility choices, Transport Administrations need to create methods for recruiting new talent while ensuring their current talent is provided the tools to remain relevant. The United States Department of Transportation (US DOT), Federal Highway Administration (FHWA) and other Transport Administrations are identifying and developing tools to address workforce challenges for today and in the future. The FHWA is utilizing Garrett A. Morgan Technology and Transportation Education Program (GAMTTEP) and National Summer Transportation Institute (NSTI) to educate kindergarten through secondary education on careers in transportation with the hope of generating interest in transportation careers as these age groups approach college age. ([Transportation Educational Development for K-12 | FHWA \(dot.gov\)](#)). Further, the FHWA is utilizing the Dwight David Eisenhower Transportation Fellowship Program (DDETFP), Summer Transportation Internship Program for Diverse Groups (STIPDG), other internship programs to provide opportunities for research and work experience. The FHWA Professional Development Program, premiere entry-level career program, provides opportunities for continued development, ([Careers|FHWA \(dot.gov\)](#)). For current employees, the FHWA offers consistent training in leadership and technical fields allowing for continuous growth and education. The FHWA, in partnership and collaboration with other Transport Administrations, are continuously joining forces through organizations like the Transportation Research Board (TRB), the American Association of State Highway and Transportation Officials (AASHTO), and PIARC to identify best practices in workforce development to share ensuring continued workforce growth and development. These practices and tools can be utilized by Transport Administration to grow talent within its organizations.