



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N758
Indianapolis, Indiana 46204

PHONE: (317) 232-5525
FAX: (317) 232-0238

Eric Holcomb, Governor
Joe McGuinness, Commissioner

August 20, 2018

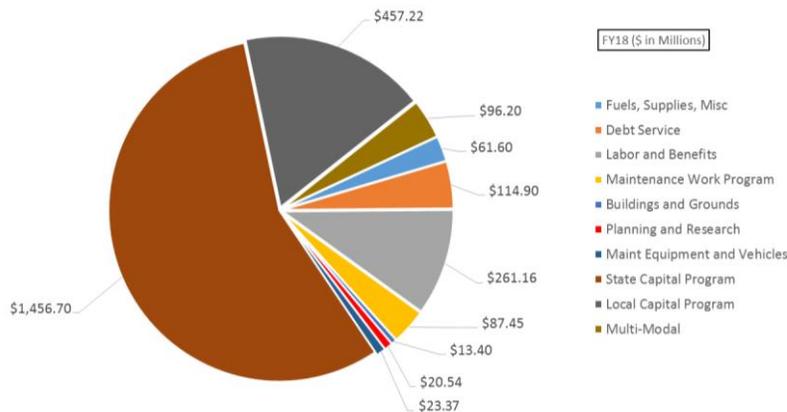
Jason Dudich
Indiana State Budget Director
Indiana Office of Management and Budget
200 W. Washington Street
State House, Room 212
Indianapolis, IN 46204

RE: FY 2020-21 Biennium Letter

Dear Mr. Dudich:

The Indiana Department of Transportation is pleased to present its biennium budget. INDOT continues to plan, build, maintain, and operate a superior transportation system enhancing safety, mobility, and economic growth. In the past two years, INDOT has completed new initiatives to improve public communication and customer service, and completed or broke ground on major highway construction projects that will increase highway capacity, reduce traffic congestion, and improve motorist safety across Indiana.

Keeping with Gov. Eric Holcomb’s Next Level agenda, INDOT’s goals are: Deliver great service; Enhance Indiana’s economic competitiveness and quality of life; Execute a 20-year road and bridge plan; and Develop INDOT’s 21st Century workforce. In addition, the chart below displays INDOT’s FY2018 operations and capital program expenditures, totaling \$2.593 billion, and demonstrates the agency’s focus on managing taxpayer dollars to enhance the state’s infrastructure.



Accomplishments

Next Level Roads

INDOT has moved quickly to increase transportation construction, maintenance and preservation activities as directed in the Governor’s Next Level Roads plan as well as a 20-year initiative to improve Indiana’s roads and bridges made possible through the bipartisan passage of House Enrolled Act 1002 during the 2017 legislative session. The Next Level Roads plan outlines approximately \$5.1 billion in total investment over the next five years, with nearly 90 percent of those dollars dedicated to improving the condition of existing roads and bridges, enhancing safety, and correcting drainage issues. INDOT’s road construction plan for the first five years of the Next Level Roads plan outlines specific projects that will improve existing roads and bridges and finish current projects. These

plans include resurfacing nearly 10,000 lane miles of pavement and repairing or replacing approximately 1,300 bridges on state-maintained roads through Fiscal Year 2022.

State and Local Projects

During the past two years, INDOT has invested the following in state and local projects:

- \$2.54 billion in state projects for the construction and rehabilitation of Indiana highways and bridges.
 - Completed or started 369 projects to add lanes, replace, or resurface 1,573 centerline miles of INDOT roadways (out of more than 11,200 total centerline miles).
 - Built, rehabilitated, replaced or maintained 879 bridges on Indiana interstates, U.S. highways, or state routes.
- \$685.0 million in local projects to build, replace or repair local roads and bridges.
 - 104 projects to rehabilitate or replace local roads, and build, rehabilitate, or replace 59 local bridges.

Major Construction Projects

The following major projects were open to traffic or nearing completion:

- I-69 Section 5 is under construction from Bloomington to Martinsville and is expected to be substantially complete by August 31, 2018. Construction began in 2014.
- A Final Environmental Impact Statement and Record of Decision on I-69 Section 6 from Martinsville to Indianapolis was issued in February 2018. Construction is scheduled to begin in 2020.
- The realignment of U.S. 33 through Goshen, which rerouted the highway away from the city’s downtown historic district, opened to traffic in June 2018.
- The fully completed U.S. 50 North Vernon Bypass project opened to traffic in December 2017.
- The State Road 61 Boonville Bypass opened to traffic in August 2018.

INDOT has continued with an unprecedented expansion of capacity on existing interstate highways:

Project	Status	Open to Traffic Date
I-65 Clark County	Completed	October 2017
I-69 Hamilton County	Completed	November 2017
I-65 Lake County	Under Construction	Fall 2018
I-69 Madison County	Under Construction	Spring 2020
I-65 Bartholomew County	Under Construction	Fall 2020

Maintenance & Preservation

The following maintenance and preservation activities were accomplished during the last two years:

- Chip-sealed more than 2,700 lane-miles of state roads
- Crack-sealed over 10,000 lane-miles of state roads
- Applied more than 56,000 miles of centerline and edgeline stripes
- Replaced nearly 33,000 panel sheet signs
- Serviced nearly 9.5 million highway lane miles during winter operations

Community Crossings

Community Crossings is a matching grant partnership between INDOT and Hoosier communities, both urban and rural, to invest in road and bridge infrastructure projects. Projects submitted to INDOT for funding are evaluated based on need, traffic volume, local support, impact on connectivity and mobility, and regional economic significance. Since 2016, the state has awarded \$300 million in state funds for local road and bridge projects that support economic development, create jobs and strengthen local transportation networks.

Next Level Construction Map

INDOT unveiled a new interactive Next Level Construction Map for the INDOT website in April 2018 that provides valuable project information to taxpayers and enables them to see where transportation investments are being made in their communities and on

their commute routes. Based within Google Maps, the Next Level map combines information from several INDOT preservation and construction maps into a single interactive tool. The new map enables users to see all current and planned projects on INDOT-managed interstates, U.S. highways, state routes, and local roads. By clicking on multiple filters, users can view active or future projects by INDOT district, construction year, and project type, including road, bridge, safety, mobility, or other factors. The map is continually updated by pulling information directly from INDOT's Scheduling Project Management System.

Transportation Services Call Center

INDOT launched a new statewide customer service toll-free phone number and call center in February 2018 to manage customer inquiries and work requests and to reflect a higher level of service for department maintenance, construction, and operations personnel. INDOT established new statewide level of service standards for nearly 100 agency services, and employees at the unit level and above were trained in how to meet and exceed the new standards. These efforts were backed up by a new industry-leading, best-practice service management software tool that enables INDOT to track service level performance. INDOT also developed a comprehensive knowledge base and service catalog that serves as a foundation for addressing customer questions and concerns. The service level standards, software tool, and knowledge base enable INDOT to provide start-to-finish receipt, management, resolution, and tracking of department operations and customer concerns while streamlining the project management and customer service process.

DamageWise

The DamageWise program, a partnership between INDOT and law enforcement, is an effective, innovative solution to the increasing financial burden of repairing and replacing damaged right-of-way infrastructure. Collected reimbursements are reinvested into INDOT capital programs and operations. In fiscal years 2017 and 2018, INDOT invoiced \$18.77 million in reimbursements for damage to state property. Historically, INDOT has successfully collected upon 88 percent of its invoices for damaged property, ranking among the best in the nation.

Broadband Initiative

INDOT's broadband corridors program is accelerating the deployment of broadband infrastructure across the state. The new program removes barriers preventing broadband providers from accessing right-of-way along Indiana interstates and limited-access highways. Under this program, INDOT will assess a fee to the fiber optic and wireless industry for the ability to occupy space within limited-access right-of-way and to pay for maintenance and management of the broadband corridor. Installation of fiber infrastructure along interstates and major highways will rapidly accelerate the availability of reliable broadband across Indiana, positions our infrastructure to embrace new technology in transportation, such as connected and autonomous vehicles, and better connects Indiana to regional and national fiber networks.

Challenges

Interstate Tolling Study

As directed by the State Legislature, INDOT will continue to study the impact of interstate tolling and provide a strategic plan for tolling implementation if the state chooses to move forward with tolling. Under the 2017 law, INDOT is required to study tolling and develop a plan, but no decision has been made to impose tolls. Engineering firm HNTB Indiana Inc. was chosen to conduct the study and create the plan, which will be completed in December 2018.

Asset Condition

The age and condition of the highway infrastructure continue to be a challenge faced by the state relating to the surface transportation system. About 95 percent of INDOT's 5,700 bridges are in fair or better condition and nearly 90 percent of INDOT-maintained roads are rated fair or better. Additional levels of funding provided through the Next Level Roads plan will enable INDOT to better realize its preservation philosophy to deliver the most cost-effective, long-term solutions to maintaining the state's road and bridge assets in fair or better condition over the next 20 years.

Evolving Vehicle Technology

Cars and trucks being produced today have the ability to collect operational data including speed, acceleration, braking and traction, as well as connected information about roadway infrastructure, including friction levels, potholes and pavement condition. Collecting and compiling infrastructure and roadway data to support the continuing evolution of connected and autonomous vehicles is a growing priority within INDOT. Indiana sees more than \$550 billion in freight pass through its highways each year. It is only logical that INDOT be part of the effort underway to develop automated freight transportation, as well as being involved with other programs focusing on the automation of future transportation.

Weigh in Motion/Virtual Weigh in Motion

A research pilot project for Weigh in Motion / Virtual Weigh in Motion is currently underway on I-70 in Richmond. The purpose of the pilot is to learn if we can expand truck size and weight enforcement efforts through the use of technology. Purdue JTRP is conducting the research project in partnership with INDOT, Indiana Department of Revenue and Indiana State Police. The pilot project is currently limited to one site, with the results expected in the fall of 2018. Pending the outcome of the pilot, INDOT expects to play a lead role in determining the critical steps to coordinate the key elements necessary to allow this technology to be used for truck size/weight enforcement. Additional sites will enable the collection of better data to improve our understanding of technology capabilities and the required pavement and other site conditions necessary for a successful implementation.

Objectives for the next Biennium

In the next biennium, INDOT will continue execution of the Next Level Roads plan, and make the following investments into Indiana’s transportation system:

- Invest \$3.2 billion in construction and rehabilitation of Indiana highways and bridges
- Continue support of local projects by investing \$652.8 million in projects to build, replace or repair local roads and bridges
- Continue to advance project development of I-69 Section 6, Martinsville to Indianapolis
- Continue to advance project development of the Ohio River Crossing, a new I-69 bridge over the Ohio River near Evansville
- Continue to improve U.S. 31 between Indianapolis and South Bend
- Complete projects that expand capacity on existing interstate highways, including I-65 Bartholomew County, and I-69 Madison County

INDOT will deliver continued improvement of operational and strategic initiatives, by the following:

- Enhance understanding of Indiana’s position as it relates to the autonomous/connected vehicle industry and undertake appropriate initiatives to advance testing and research in the state
- Invest in research of new technologies to monitor/enforce non-compliant trucking that damages the state’s transportation infrastructure due to oversize/overweight cargo
- Modernize construction and maintenance processes and business practices to continue to improve service offerings
- Continue to provide enhanced employee training opportunities and more aggressive recruitment efforts

Key Performance Indicators Management Performance Hub

Metric	Target	Status
% state controlled roads in fair or better condition	>=90%	90.3%
% bridges in fair or better condition	>=96%	95.6%
Net change in project cost	<=0%	-.5%
On-time project completion	>=80%	84.4%
JTRP research project conversion rate	>=90%	94.0%

Program Updates

In support of the above-stated objectives, more aggressive and visible communications will be undertaken to reach broader audiences and realize more effective impact. INDOT’s new digital marketing program will be implemented to specifically address Next Level Roads projects as well as maintenance and preservation projects, cost effectively targeting stakeholders for optimal reach and effectiveness.

INDOT will invest \$30.5 million each year over three years, including the next biennium, as it implements an aggressive roadside maintenance program to address mowing, vegetation management, and litter control. The new program will deliver an increased level of service across these areas that will be clearly defined, widely published, and will provide a consistent expectation based on the criteria as outlined within the program’s plan. This plan will receive periodic review and modifications only on the statewide level, rather than at the local level, to ensure that statewide levels of service are performed in the most cost-effective way.

Looking Ahead

Building and maintaining transportation infrastructure to support personal and business growth, ensure motorist safety, and enhance the quality of life for Hoosiers is vital to Indiana's economic future. In the coming biennium, INDOT will continue to deliver great service; execute the Next Level Roads plan to improve pavement and bridge quality, safety, and mobility to benefit motorists, businesses and taxpayers; support and encourage local agencies in their efforts to identify and develop projects around the state; and work internally to develop INDOT's 21st Century workforce.

Regards,

A handwritten signature in black ink, appearing to read "Joe McGuinness". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Joe McGuinness, Commissioner
Indiana Department of Transportation