

2016-2020 HIGHWAY PROGRAM SUMMARY

approved June 2015

Investing in Iowa's Future



Investing in Iowa's Highways

Program Overview

The Iowa Transportation Commission (Commission) and the Iowa Department of Transportation (DOT) publish Iowa's Five Year Highway Program (Program) in June of each year to inform you of planned investments on our state's primary and interstate highway system. The Program contains the primary and interstate highway construction-related investments planned for fiscal year (FY) 2016 through FY 2020. To view the Program, visit the Iowa DOT's website at www.iowadot.gov/program_management/five_year.html.

This Program includes historic advances in the investment of funding to improve state roads and bridges. These advances are possible due to additional revenue authorized by Senate File 257 and signed into law on Feb. 25, 2015. As directed by the legislation, 100 percent of the additional revenue allocated to the Iowa DOT will be spent on critical road and bridge construction projects. These critical projects address pavement, bridge, and safety needs and also provide the necessary transportation infrastructure to lower transportation costs and support Iowa's growing economy. A list of projects able to be funded due to Senate File 257 is included in the highway section of the Program.

Throughout the year DOT staff meet with individuals, local agencies and organizations to discuss potential projects and transportation issues. Comments on the proposed program are encouraged. During 2014, the Commission conducted meetings at four locations around the state for the specific purpose of receiving public input concerning planning and programming. Meetings were conducted in Centerville, Perry, Cedar Rapids, and Sioux Center. Approximately 40 delegations presented their views.

The Commission and the Iowa DOT remain committed to providing modern, safe, and efficient transportation services to the public. This brochure summarizes the 2016-2020 Program.

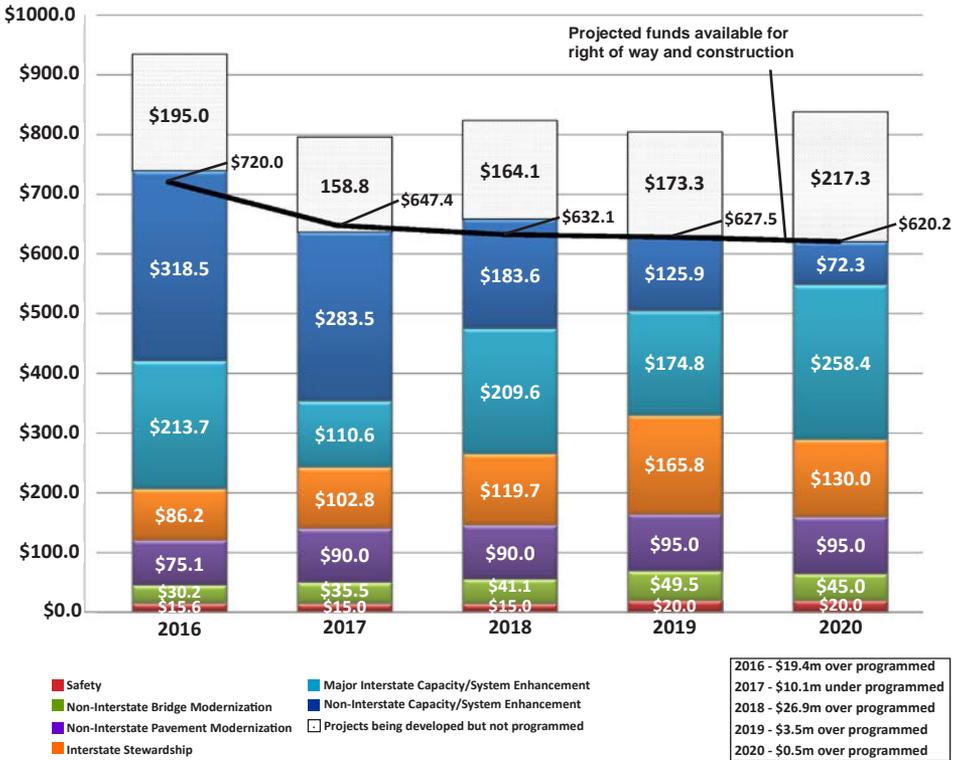
2016-2020 Highway Program

Highway investments versus projected revenues

The Program was developed to achieve several objectives by documenting programmed investments on the primary highway systems for the next five years. In FY 2016-2020, approximately \$3.2 billion is forecast to be available for highway right of way and construction investments.

2016-2020 Highway Program by Funding Category

For Planning Purposes Only (x \$1,000,000)



The column chart above shows projected available funding and the types of projects in the Program. It also shows the scope of projects being developed but not yet funded.

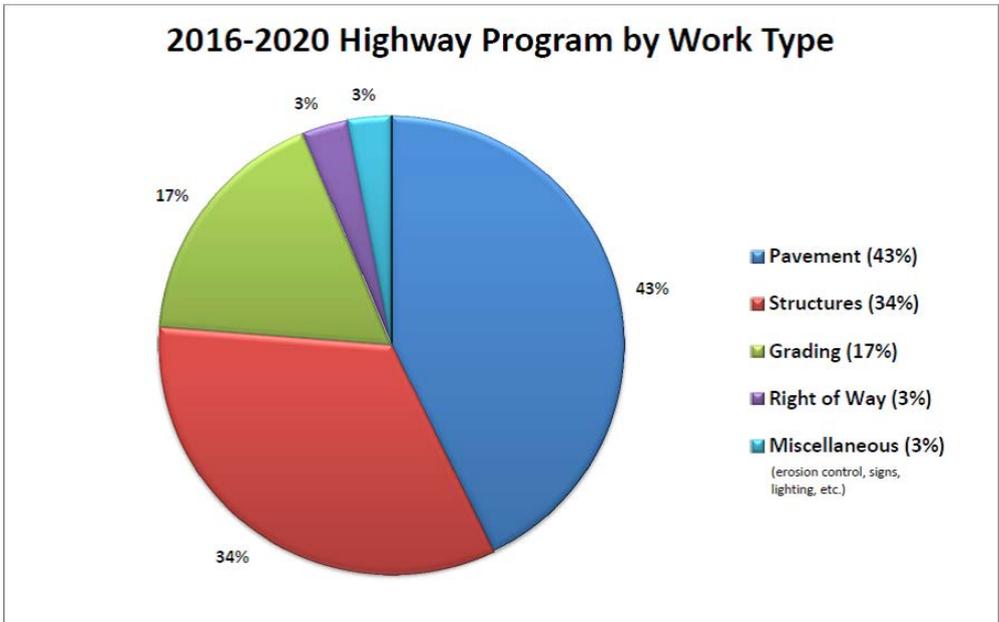
Investment Objectives

Investments within Iowa's Five-Year Highway Program

The highway section was developed to achieve several objectives. The Commission's primary investment objective remains stewardship, including safety, maintenance, and modernization of Iowa's existing highway system. More than \$1.3 billion is programmed from FY 2016 through FY 2020 for modernization of Iowa's existing highway system and for enhanced highway safety feature.

The Commission and Iowa DOT continue to recognize the critical importance of an effective and efficient interstate highway system. The interstate highways connect all transportation systems in Iowa and allow major freight movements to occur delivering Iowa products to the world's marketplace. The Program includes significant interstate investments on Interstate 29 in Sioux City, the interstate system in Council Bluffs, and I-74 Mississippi River bridge replacement in Bettendorf. Portions of these investments address stewardship needs.

The pie chart below summarizes the 2016-2020 Highway Program by work type.



Investment Objectives

Investments within Iowa's Five-Year Highway Program, cont.

The Commission was able to add construction for four-lane improvements to U.S. 20, U.S., 30, and U.S. 61 - the first time in three years that additional corridor work has been able to be added to the Program. These four-lane improvements include the following.

- U.S. 20 in Ida and Sac counties from Correctionville to U.S. 71
- U.S. 30 in Tama and Benton counties from the Tama bypass to the west juncton of U.S. 218
- U.S. 61 in Des Moines County from Burlington to 210th Street

The Commission was able to add several significant small and medium sized projects that address safety and condition needs. These added projects include the following.

- Iowa 1 in Washington County at Iowa 22 in Kalona
- Iowa 3 in Dubuque County from Luxemburg to County Road Y-13
- Iowa 13 in Linn County from north of County Home Road to south of Central City
- U.S. 30 in Story County for an interchange west of Nevada
- U.S. 34 in Monroe County at Iowa 5 in Albia
- U.S. 52 in Winneshiek County at Iowa 9 in Decorah
- Iowa 57 in Black Hawk County in Cedar Falls
- U.S. 69 in Decatur County at Iowa 2 in Leon
- U.S. 69 in Polk County from I-80 to Ankeny
- Iowa 92 in Warren County at Iowa 28 in Martensdale
- Iowa 141 in Monona County from east of County Road L-32 to west of County Road L-37
- Iowa 146 in Marshall County from County Road E-49 to U.S. 30

Investment Objectives

Investments within Iowa's Five-Year Highway Program, cont.

The Commission remains committed to previous highway programming actions by maintaining the schedules of large multiyear corridor improvement projects. These multiyear corridor improvement projects include the following.

- Iowa 3 in Dubuque County from County Road Y-13 to Pfeiler Road
- U.S. 20 in Woodbury County from east of Merville to Correctionville
- U.S. 20 in Dubuque County at Swiss Valley Road
- U.S. 30 in Linn County, Mount Vernon and Lisbon bypass
- U.S. 52 Mississippi River bridge in Jackson County
- Iowa 58 in Black Hawk County at Viking Road
- U.S. 61 in Louisa County from south of Iowa 92 to Muscatine County
- U.S. 63 in Wapello County from 1 mile south of U.S. 34 north to U.S. 34 in Ottumwa
- U.S. 63 in Black Hawk County from Jefferson to Newell streets in Waterloo
- U.S. 65 in Jasper County at the Iowa 117/330 intersection
- Iowa 100 in Linn County from U.S. 30 to Edgewood Road in Cedar Rapids
- Iowa 122 in Cerro Gordo County in Mason City
- Iowa 141 in Polk County from Iowa 44 to I-35
- Southwest Arterial in Dubuque

Needed investments on Iowa's highway system

The Commission has compiled a list of highway program candidates spanning the needs of Iowa's highway system. The candidates have been identified by delegations at Commission public input meetings, by cities or counties, by DOT assessments and requests, or by Congress identifying them as priorities. The needs are categorized by:

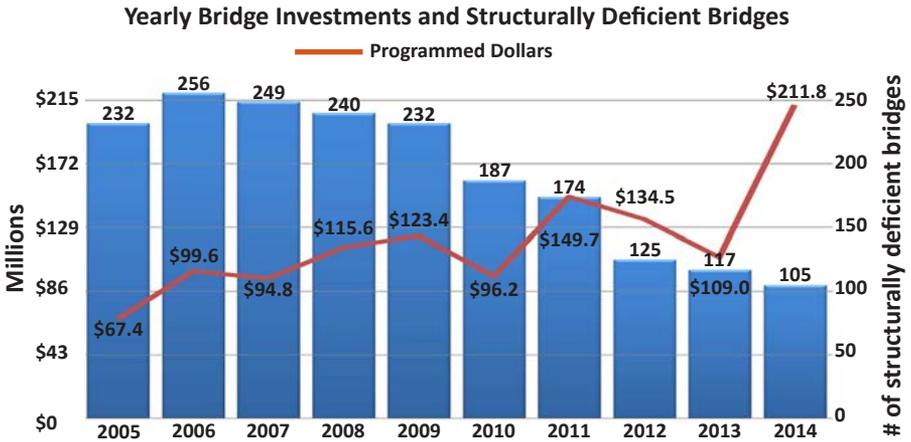
- Major bridge replacements
- Capacity improvements
- Continuity improvements
- Geometric improvements
- Interstate
- Routes on new alignment
- Operations/Safety

There are 66 projects on the list with a total cost of well over \$5 billion, not including many more projects for pavement and bridge modernization.

Existing Highway Modernization Needs

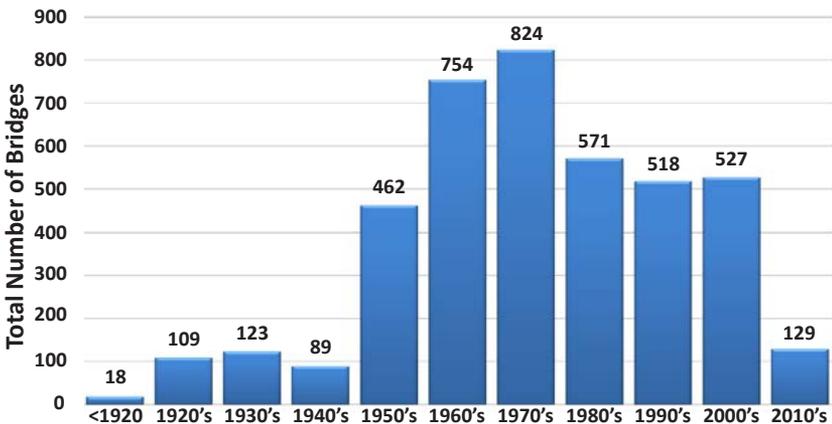
Iowa's highway system with current investment levels

The highway program includes over \$1.1 billion of investments in Iowa's state owned bridges.



The column chart above illustrates the yearly bridge investments. Over the last few years, the number of structurally deficient bridges on the state highway system has been reduced from 256 in 2006 to 105 in 2014, as a result of the Commission's objective to improve the condition of Iowa's bridges.

Bridge Age by Decade on Primary Highway System



The column chart above shows the age of Iowa's bridges, illustrating that many bridges are approaching 60 or more years of age. If yearly bridge investment levels are not maintained, the number of structurally deficient bridges will begin to trend upward.

Investing in Iowa's Highways

Federal funding for Iowa's Five-Year Highway Program

A large part of funding available for highway programming comes from the federal government. Accurately estimating future federal funding levels is dependent on having a multiyear federal transportation authorization bill. The current authorization, Moving Ahead for Progress in the 21st Century (MAP-21), was signed into law on July 6, 2012. However, it is a short-term authorization that has been extended to July 31, 2015. Continued federal funding is uncertain after this date.

Each year, members of the Commission and Iowa DOT meet with Iowa's Congressional delegation and U.S. DOT to discuss transportation issues. A major topic discussed is the importance of a long-term federal transportation bill and the solvency of the current federal Highway Trust Fund (HTF). Approximately half of the funding available for programming in FY 2016-2020 could be impacted by the solvency of the federal HTF. If Congress does not act, the Commission will decide which projects will be rescheduled based on statewide equity, length of time a project has been considered for programming, how many times a project has been rescheduled, purpose of a project, whether the project is already underway, local efforts to move forward on a project, and current conditions and need for the project.

With federal funding appropriations being uncertain, transportation costs increasing faster than revenues, and factors related to vehicle fuel efficiency and the use of alternative fuels, the Commission and Iowa DOT will continue to program highway investments in the most cost effective manner to achieve desired transportation objectives.

For general information on all things transportation, please visit www.facebook.com/iowadot.

Caveat

The Program is based on estimates of funds expected to be available and estimated costs for construction, maintenance, and other work proposed to be accomplished. The Program is subject to modification and is, therefore, not to be construed as a commitment or obligation of the Iowa DOT. Fiscal year, or FY, in this document refers to the state fiscal year from July 1 to June 30, unless otherwise noted. Comments are encouraged and information regarding any changes to the Program can be found at the Iowa DOT's website at http://www.iowadot.gov/program_management/five_year.html.



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