TRANSPORTATION, INFRASTRUCTURE & CAPITAL

BUDGET PRESENTATION

FY 2021

OUR MISSION

Getting you there safely, efficiently, and conveniently.

IOWA DEPARTMENT OF **TRANSPORTATION**

OUR VISION

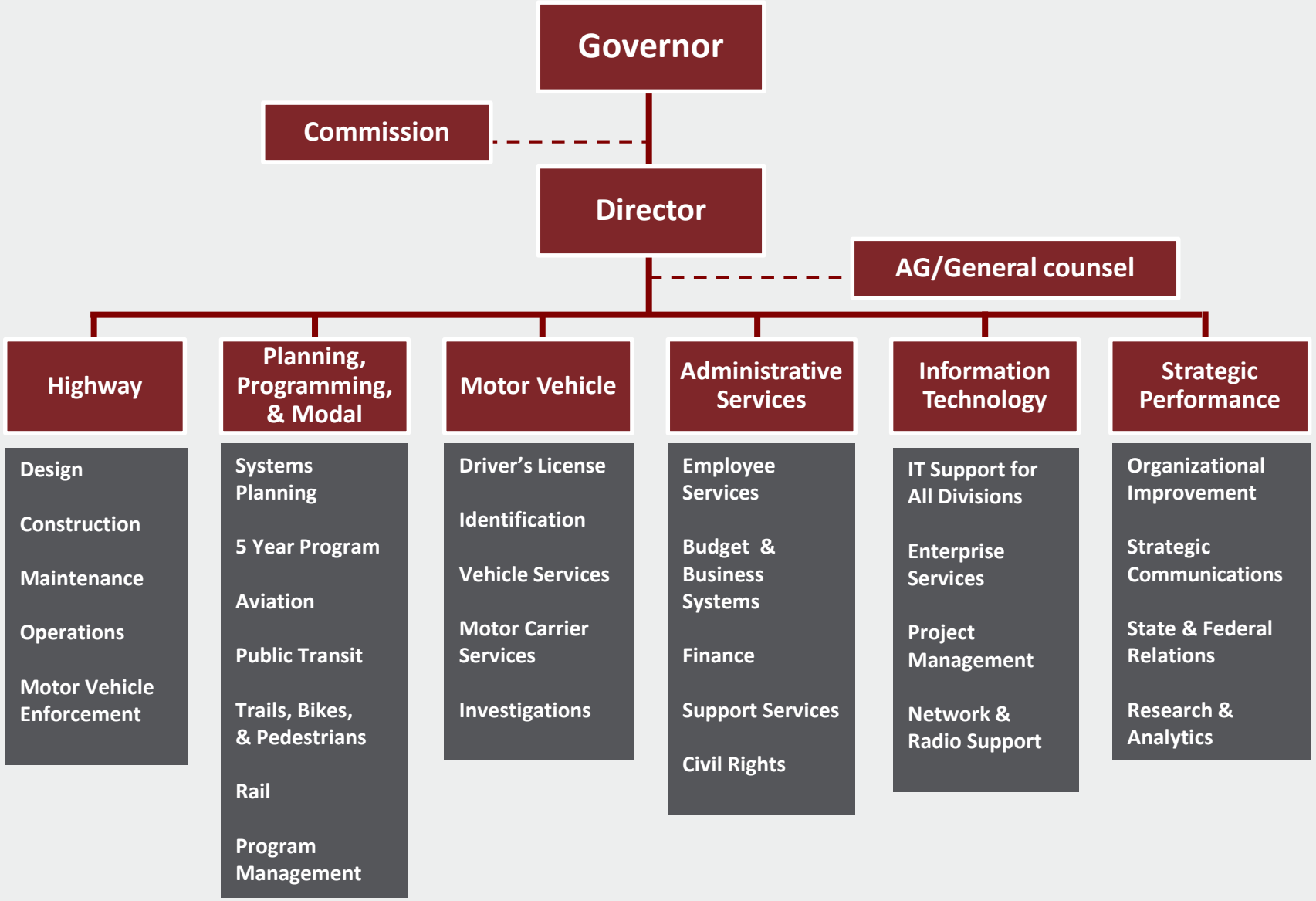
Smarter

Simpler

Customer Driven

February 25, 2020

ORGANIZATION AND FUNCTIONS

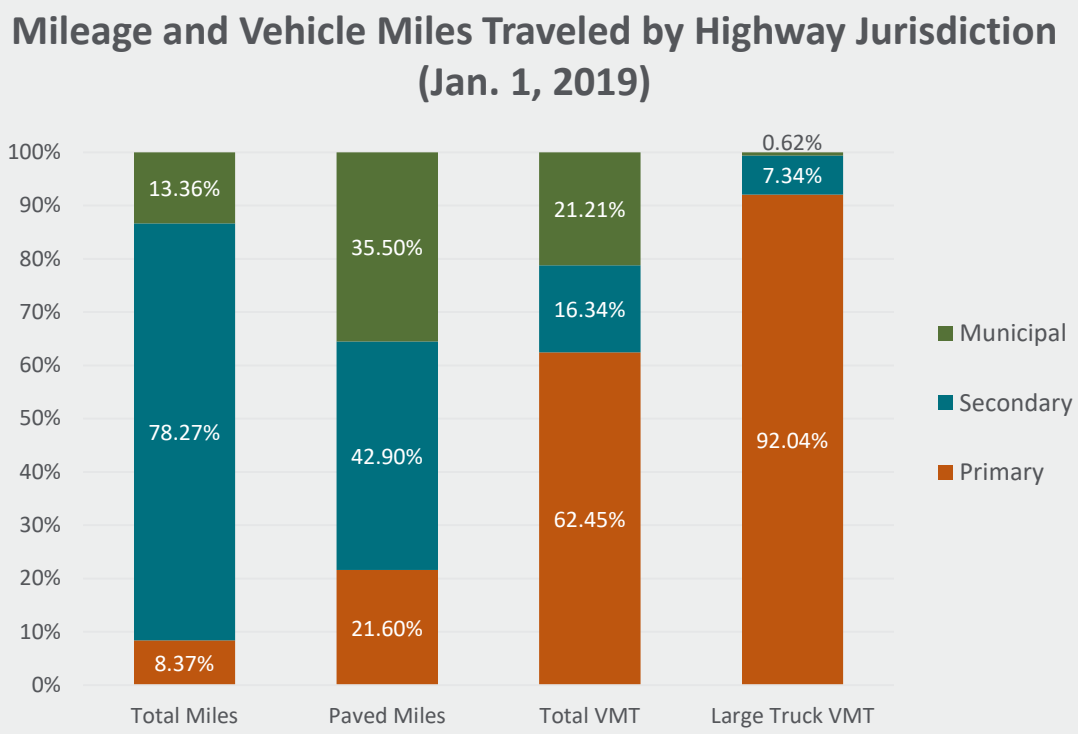


SCOPE OF OPERATIONS

ROADWAY SYSTEM

PRIMARY SYSTEM
DOT'S RESPONSIBILITY

SECONDARY SYSTEM
CITY/COUNTY RESPONSIBILITY



PRIMARY AREAS OF FOCUS

- Winter maintenance
- Construction
- Traffic incident management
- System operations

SCOPE OF OPERATIONS

AIR, RAIL, TRANSIT, & WATER

AIR TRANSPORTATION

Grants

Planning

Inspections services

TRANSIT

Grants

Technical assistance

RAIL

Grants

Inspections

Safety programs

WATER

Policy activities

Access investments

SCOPE OF OPERATIONS
DRIVERS & VEHICLES

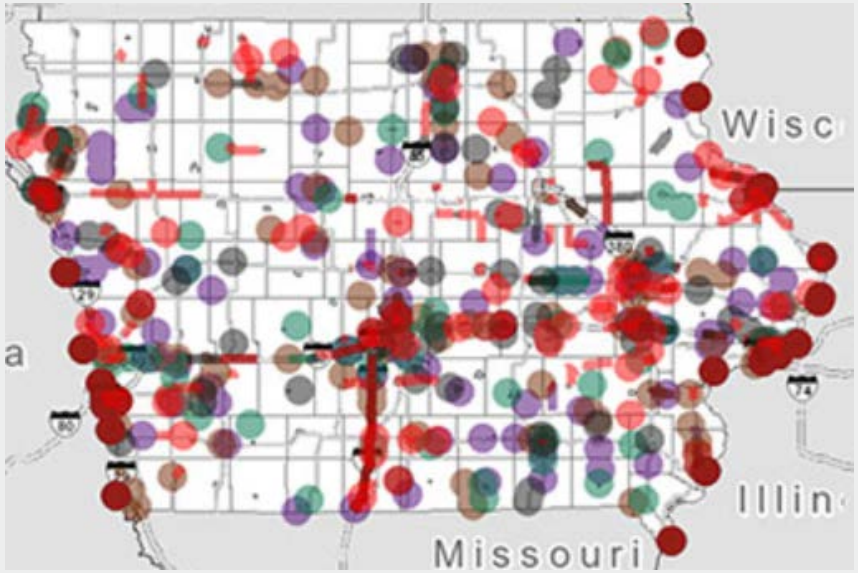
2.6 M
driver's license and ID customers

4.5 M
registered vehicles

135,267
oversize/overweight loads permitted & routed/year

865,689
commercial motor vehicles weighed or inspected/year

ACCOMPLISHMENTS – 5-YEAR PRIMARY HIGHWAY PROGRAM



$3.5B

IN HIGHWAY INVESTMENTS

$2.0B DEDICATED TO MODERNIZATION AND ENHANCED SAFETY FEATURES.

55% INVESTED IN RURAL AREAS

REDUCED THE NUMBER OF STRUCTURALLY DEFICIENT BRIDGES ON THE PRIMARY SYSTEM FROM

256 IN 2006 **TO** **39** IN 2019

ACCOMPLISHMENTS – WINTER OPERATIONS

ALL 902 PLOWS ARE NOW EQUIPPED WITH:

- Blue & white lights
- Plow cams
- GPS/AVL

RESULTS

- Fewer crashes, less down-time of equipment
- Better public info (511, Track-A-Plow)
- Better analytics, operations

LIVING SNOW FENCE PROGRAM

- Reduces blowing and drifting snow on roads
- Improves visibility
- Improves conditions, helps avoid crashes

ACCOMPLISHMENTS – MODERNIZATION OF INFRASTRUCTURE

COMPETITIVE HIGHWAY BRIDGE PROGRAM (CHBP)

FFY 2018 funds

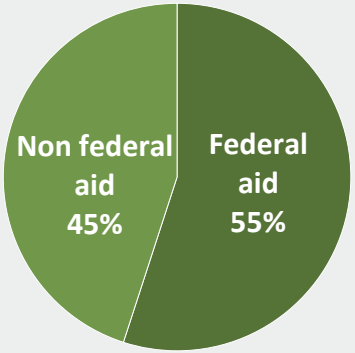
4 STATE

68 COUNTY

5 CITY

SELECTED COUNTY BRIDGES WITH THE FOLLOWING CRITERIA:

- STRUCTURALLY DEFICIENT
- ADT > 100
- < 150 ft. TOTAL LENGTH

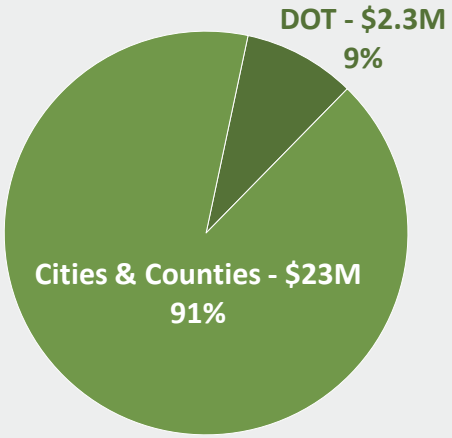


TOTAL FEDERAL AWARD = **$33.4 MILLION**

BRIDGE REPLACEMENT AND REHABILITATION PROGRAM

FFY 2019 funds

ADDITIONAL **$25.3 MILLION**



ACCOMPLISMENTS - **INFRASTRUCTURE RESILIENCY**

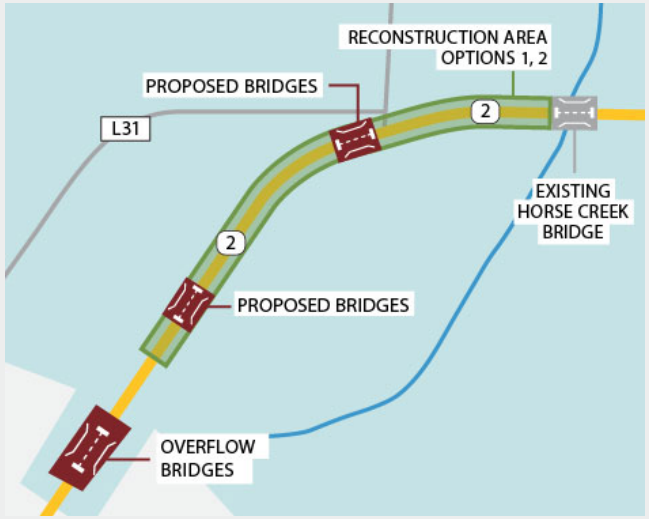
FLOOD RECOVERY IN WESTERN IOWA

I-680 RESILIENCY WORK

- Betterment analysis work
- Fleximat solution

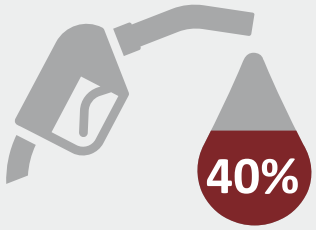
IOWA HIGHWAY 2 OVERFLOW BRIDGES

- Will make the levee system more resilient to future flooding, helping keep roadways open during extreme flood events
- Idea to construction in about 3 months
  - o Typically would require 3-4 years to get to construction
- Collaboration with the Corps of Engineers



ACCOMPLISHMENTS - **HIGHWAY FUNDING**

IMPLEMENTATION OF ELECTRIC VEHICLE FEES



40% OF IOWA'S ROADS ARE FUNDED THROUGH FUEL TAXES.

CHANGES WERE NEEDED TO OFFSET A DECLINE IN TAX REVENUE DUE TO EMERGENCE AND GROWTH OF ELECTRIC VEHICLES.

ELECTRIC VEHICLE REGISTRATION FEES

Vehicle Type*	Fee for registrations due Jan. 1, 2020 thru Dec. 31, 2020	Fee for registrations due Jan. 1, 2021 thru Dec. 31, 2021	Fee for registrations due Jan. 1, 2022 and after
Battery Electric (BEV)	$65.00	$97.50	$130.00
Plug-in Hybrid Electric (PHEV)	$32.50	$48.75	$65.00
Motorcycle (BEV or PHEV)	$4.50	$6.75	$9.00

*Applies only to electric passenger cars, pickups, sport utility vehicles, motorcycles, and other vehicles that weigh less than 10,000 pounds without carrying a load.

ELECTRIC VEHICLE EXCISE TAX FEES

USER FEE 2

Hydrogen fuel excise tax

Beginning January 1, 2020, drivers will be charged $0.65 per diesel gallon equivalent

USER FEE 3

Per kilowatt hour excise tax for charging at non-residential charging locations

Beginning July 1, 2023, drivers will be charged $0.026 per kilowatt hour

ACCOMPLISHMENTS – ECONOMIC DEVELOPMENT

REVITALIZE IOWA'S SOUND ECONOMY (RISE) (since 1985)

819 PROJECTS

86,700 JOBS

462 MILLION IN ASSISTANCE

23.2 BILLION OF CAPITAL INVESTMENTS

RAILROAD REVOLVING LOAN & GRANT PROGRAM

(since 2006)

79 PROJECTS

3,200 JOBS

49 MILLION IN ASSISTANCE

960 MILLION OF CAPITAL INVESTMENTS

ACCOMPLISHMENTS - **CUSTOMER DRIVEN**

BLACKOUT PLATES

107,000

BLACKOUT PLATES ISSUED
FROM **JULY 1** TO **Jan. 31, 2020**

$4.6 MILLION

GENERATED IN REVENUE TO THE
ROAD USE TAX FUND

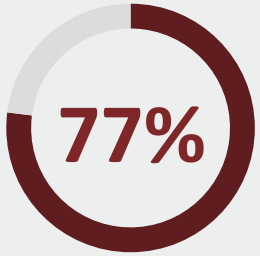
ACCOMPLISHMENTS - **CUSTOMER DRIVEN**

DALLAS COUNTY SERVICE CENTER

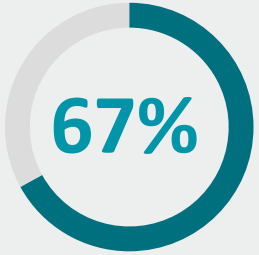
NOV. 21 2019 DOT ASSUMED SERVICES FROM DALLAS COUNTY IN CURRENT ADEL LOCATION

JANUARY 2020 NEW LOCATION OPENED IN WAUKEE

DALLAS COUNTY RESIDENTS WITH A DRIVE TIME **20-MINUTES OR LESS** TO THEIR SERVICE LOCATION:



NEW WAUKEE LOCATION



PREVIOUS COUNTY LOCATION IN ADEL

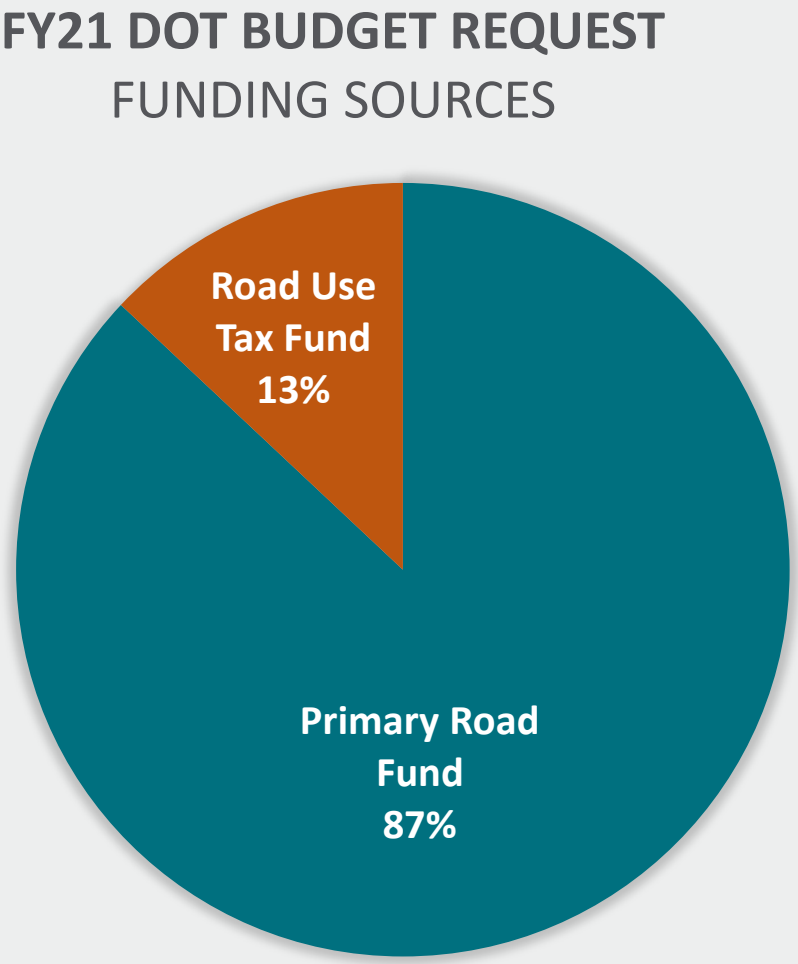
FUNDING SOURCE – ROAD USE TAX FUND (RUTF)

Iowa Constitution limits use of RUTF exclusively to construction, maintenance, and supervision of highways.

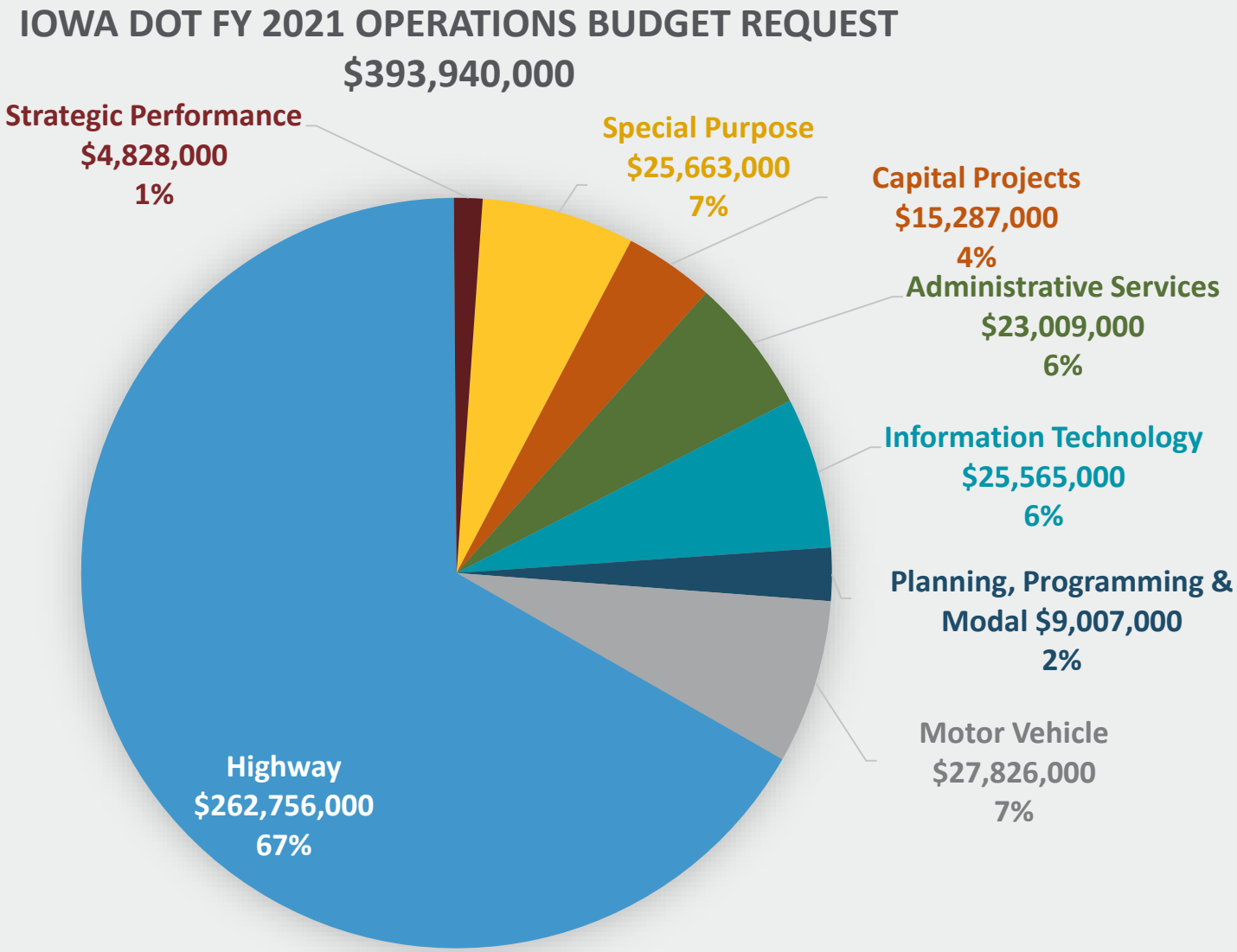
Iowa DOT is not funded through the general fund, our operations funding comes from the RUTF and the Primary Road Fund, *but only as appropriated by the legislature*.

RUTF distribution

DOT FUNDING SOURCES



BUDGET DISTRIBUTION



DOT FTE HISTORY

30%
REDUCTION IN WORKFORCE

BUDGET SUMMARY *($000 omitted)*

ITEM	FY20 BUDGET	ADJUSTMENTS	FY21 Governor's Recommendation
Operations	$351,075	$1,915	$352,990
Special Purpose	$25,619	$43	$25,663
Capital	$31,301	$(16,014)	$15,287
TOTAL	$407,996	$(14,056)	$393,940
FTEs	2,730	9	2,739

BUDGET OPERATIONS *($000 omitted)*

BUDGET UNIT/DIVISION	FY20 BUDGET		ADJUSTMENTS		FY21 Governor's Recommendation	
	FTEs	$	FTEs	$	FTEs	$
Administration	250	$48,519	1	$55	251	$48,574
Planning, Programming, & Modal	94	$9,007	-	-	94	$9,007
Motor Vehicle	289	$27,826	-	-	289	$27,826
Highway	2,056	$260,896	8	$1,859	2,064	$262,756
Strategic Performance	41	$4,828	-	-	41	$4,828
TOTAL OPERATIONS	2,730	$351,075	9	$1,915	2,739	$352,990

STAFFING

CONSTRUCTION PROGRAM HAS INCREASED **69.5%**

$437.6M in FY 08 → **$742.0M** in FY 19

DOT FTE LEVEL HAS DECREASED **19.5%**

3,374 in FY 08 → **2,722** in FY 19

REQUESTING: **9 ADDITIONAL FTE'S**
For the highway division in FY 21 and continue through FY 25 for a **TOTAL OF 45**.

20 FIELD CONSTRUCTION INSPECTION
25 PROJECT DEVELOPMENT

GOAL

- Create a better balance between the use of outside consultants and internal staff allowing us to increase efficiency and maximize construction program dollars.

STRATEGY

- We will continue to use consultants to ensure the effective development and delivery of Iowa's Transportation Improvement Program, utilizing them where additional capability and specialized expertise are needed to enhance program delivery.
- Moderately increase internal inspection and development staff to allow for greater continuity on design and management of projects.

BENEFITS

- Allows the Iowa DOT to continue to use outside consultants more strategically.
- Reduced consultant costs will offset increased staffing costs.

APPROXIMATE NET SAVINGS

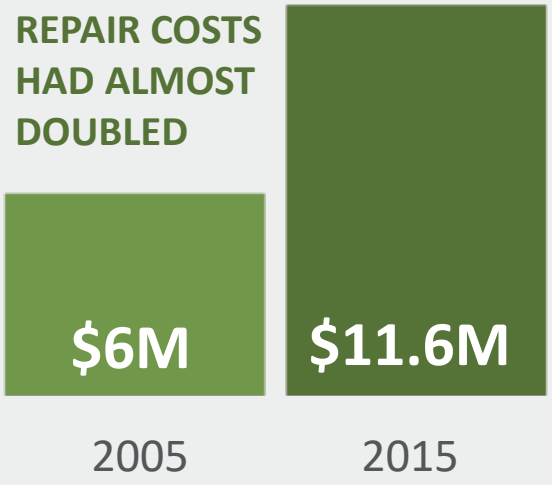
$11.9M

OPERATIONS ADJUSTMENT

HIGHWAY EQUIPMENT DEPRECIATION/SURCHARGE

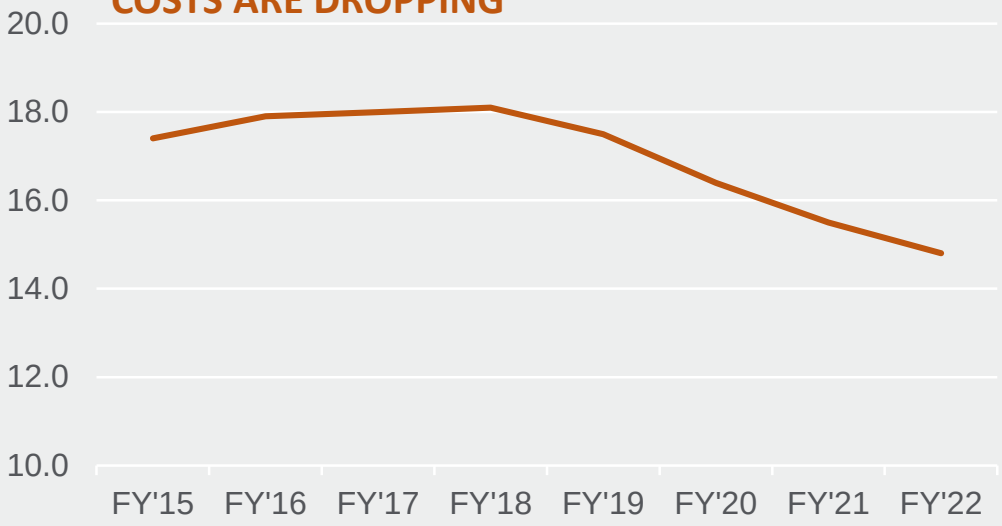
UNDER THE PRIOR 15-YEAR REPLACEMENT SCHEDULE:

REPAIR COSTS HAD ALMOST DOUBLED



SINCE WE SWITCHED TO A 12-YEAR REPLACEMENT SCHEDULE:

AVERAGE AGE OF FLEET IS DECREASING, REPAIR COSTS ARE DROPPING



To continue the shift to a 12-year replacement cycle we started in FY18, **requesting $1.157M in FY21** to replace medium- and heavy-duty trucks.

BUDGET SPECIAL PURPOSE *($000 omitted)*

ITEM663	FY20 BUDGET	ADJUSTMENTS	FY21 Governor's Recommendation
Replacement equipment	$10,330	$(245)	$10,085
Workers' compensation	$3,970	$285	$4,255
Unemployment compensation	$145	-	$145
DAS/OCIO utility services	$2,345	-	$2,345
Waste management	$1,000	-	$1,000
Drivers' licenses	$3,876	-	$3,876
TraCS/MACH	$300	-	$300
County treasurer support	$1,406	-	$1,406
Mississippi River Parkway Commission	$40	-	$40
Transportation maps	0	$242	$242
Indirect cost allocation	$750	-	$750
Statewide interoperable communication system	$816	$(256)	$561
State auditor reimbursement	$641	$17	$658
TOTAL SPECIAL PURPOSE	$25,619	$43	$25,663

BUDGET CAPITAL *($000 omitted)*

ITEM	FY20 BUDGET	ADJUSTMENTS	FY21 Governor's Recommendation
Roof replacements	$500	-	$500
Sioux City combined facility	$26,951	$(26,951)	-
NW wing utility improvements	-	$11,287	$11,287
ADA improvements	$150	-	$150
Utility improvements	$400	-	$400
HVAC improvements	$700	-	$700
Rest area facility maintenance	$250	-	$250
Field facility deferred maintenance	$1,700	-	$1,700
MVD field facilities maintenance	$300	-	$300
Dallas County Driver's License	$350	$(350)	-
TOTAL CAPITAL	$31,301	$(16,014)	$15,287

CAPITAL ADJUSTMENT AMES NW WING

NW Wing

CRITICAL UTILITY IMPROVEMENTS

Need to replace **58 yr. old HVAC system** at risk for failure, cost goes up every year we defer.

New system and new building skin will be more energy efficient – **utility savings of $2.05M** over 25 years.

REQUIRED UTILITY IMPROVEMENTS CREATE OPPORTUNITY TO CONSOLIDATE SEPARATE NORTH ANNEX AND CONFERENCE CENTER INTO THE NW WING

26,200 sq. ft.

Reduces footprint of Ames complex, returns property to taxable use.

$1.9M → PRF

Sale of property for its fair market value will return an estimated **$1.9M** to the Primary Road Fund.

Requesting **$11.287M** in FY21 for NW wing utility Improvements

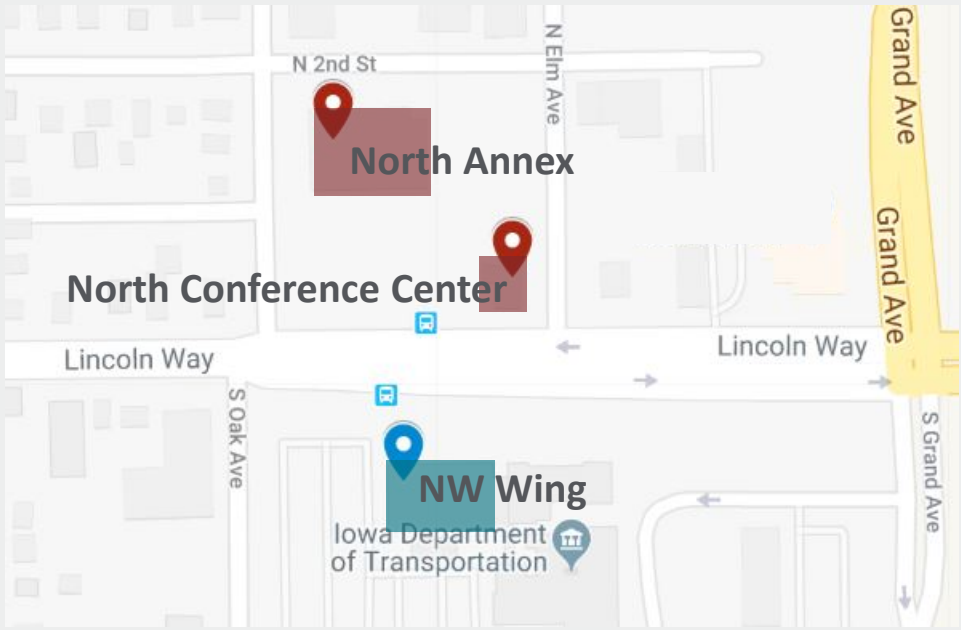
AMES NW WING (cont.)

NORTH ANNEX

69 EMPLOYEES

NORTH CONFERENCE CENTER

NORTHWEST WING SOUTH VIEW



MODAL PROGRAM APPROPRIATIONS - RIIF

($000 omitted)

ITEM	FY20 APPROPRIATION	ADJUSTMENTS	FY21 Governor's Recommendation
Commercial service vertical infrastructure	$1,900	$(400)	$1,500
General aviation vertical infrastructure	$1,000	-	$1,000
State Recreational Trails*	$1,500	$(1,500)	-
Public Transit Infrastructure Fund	$1,500	-	$1,500
Railroad Revolving Loan and Grant Program	$1,000	-	$1,000
TOTAL	$6,900	$(1,900)	$5,000

*RIIF appropriation for trails to be replaced with funding from the Natural Resources and Outdoor Recreation Trust Fund.