

DEPARTMENT OF TRANSPORTATION
COMMISSION ORDER

Division/Bureau/Office Highway Division, Traffic & Safety Order No. _____
Submitted by Mitchell J. Dillavou Phone No. 515-239-1124 Meeting Date December 11, 2018
Title FY 2020 Traffic Safety Improvement Program Projects

DISCUSSION/BACKGROUND:

In 1987 the Iowa Legislature provided that one-half percent of the Road Use Tax Fund be used for traffic safety improvements, studies, or education initiatives to reduce traffic safety fatalities and major injuries on public roads under city, county or state jurisdiction.

The program provides three funding areas for candidate safety projects:

1. Site-specific;
2. Traffic control devices; and
3. Research studies and safety initiatives.

The candidate projects and the recommendations from Department staff and the state/county/city safety program advisory committee have been presented to the Commission for review and approval.

PROPOSAL/ACTION RECOMMENDATION:

It is recommended the commission approve the FY 2020 Traffic Safety Improvement Program.

COMMISSION ACTION:

Moved by _____ Seconded by _____

Division Director Legal State Director

	Aye	Vote Nay	Pass
Fehrman	_____	_____	_____
Maher	_____	_____	_____
Paulsen	_____	_____	_____
Putney	_____	_____	_____
Rielly	_____	_____	_____
Rose	_____	_____	_____
Yanney	_____	_____	_____

FY 2020 Traffic Safety Improvement Program

Site-Specific Projects Recommended for Award

Project Name	Sponsor	Total Project Cost	Requested Amount	Recommended Amount
IA 1 & 5th St - intersection	City of Solon	\$216,900	\$216,900	\$217,000
C57 Cedar Wapsi - edge treatments	Black Hawk Co.	\$1,960,000	\$286,000	\$286,000
Burlington Ave & 9th - crosswalk	City of Fairfield	\$92,000	\$68,000	\$66,000
Iowa City Rd - edge treatments	Des Moines Co.	\$3,546,000	\$417,000	\$355,000
D16 Otterville Rd - edge treatments	Buchanan Co.	\$1,764,975	\$268,600	\$268,600
IA 44 - turn lanes	District 1	\$796,800	\$500,000	\$500,000
N 3 rd St / US 67 – lane conversion	City of Clinton	\$675,000	\$500,000	\$486,000
W 1 st St – turn lanes	City of Ankeny	\$6,473,800	\$500,000	\$500,000
W51 Cedar Rd – edge treatments	Fayette Co.	\$555,678.30	\$430,588.13	\$430,600
IA 116 – lane conversion	District 2	\$2,516,905.80	\$300,000	\$300,000
US 18 – right turn lanes	District 2	\$249,560	\$249,560	\$249,600
10 th St & 62 nd St – roundabout	City of Marion	\$345,835	\$292,955	\$293,000
IA 160/SW Oralabor Rd	District 1	\$980,500	\$165,000	\$165,000
IA 14 – lane conversion	City of Knoxville	\$3,638,925	\$500,000	\$500,000
H34 – edge treatments	Montgomery Co.	\$1,265,000	\$500,000	\$500,000
US 151 – roundabout	City of Cedar Rapids	\$1,383,480	\$500,000	\$500,000
US 6 – turn lanes	City of Clive/Urbandale	\$2,900,000	\$500,000	\$500,000
Greyhound Dr – turn lanes	City of Waterloo	\$310,000	\$310,000	\$310,000
IA 3 – advanced warning	District 2	\$300,000	\$300,000	\$300,000
City-wide interactive signals	City of Dubuque	\$3,366,250	\$500,000	\$100,000

\$6,826,800

Site-Specific Projects Not Recommended for Award

Project Name	Sponsor	Total Project Cost	Requested Amount	Recommended Amount
Hwy 100 & 31 st St - turn lanes	City of Marion	\$509,360	\$500,000	\$0
Hwy 151 – intersection work	City of Marion	\$521,045	\$500,000	\$0

FY 2020 Traffic Safety Improvement Program

Traffic Control Devices Recommended for Award

Project Name	Sponsor	Total Project Cost	Requested Amount	Recommended Amount
Work zone traffic signal	Clinton Co.	\$47,200	\$47,200	\$60,000
Work zone traffic signal	Webster Co.	\$47,200	\$47,200	\$60,000
Sign replacement program	Iowa DOT Traffic	\$100,000	\$100,000	\$100,000
Signal head updates	City of Council Bluffs	\$78,930	\$47,973	\$50,000
Work zone traffic signal	Washington Co.	\$60,000	\$60,000	\$60,000
Pedestrian improvements	City of Griswold	\$18,075	\$18,075	\$8,000
Work zone traffic signal	Monroe Co.	\$50,000	\$50,000	\$60,000
				\$398,000

Traffic Control Devices Not Recommended for Award

Project Name	Sponsor	Total Project Cost	Requested Amount	Recommended Amount
US 18 & 18 th St – traffic signals	City of Spencer	\$511,375	\$120,200	\$0
Intersection battery back-ups	City of Urbandale	\$90,000	\$75,600	\$0
Speed feedback signs	City of Aplington PD	\$6,000	\$6,000	\$0
Advanced tech traffic signal detector units	City of West Des Moines	\$84,000	\$84,000	\$0
Pedestrian signal improvements	City of Cherokee	\$359,935	\$88,500	\$0
Vehicle detection cameras	City of Ida Grove	\$13,905	\$13,905	\$0

FY 2020 Traffic Safety Improvement Program

Studies & Outreach Recommended for Award

Identification of Operational Improvements			\$80,000	\$80,000
Non-motorized Traffic Monitoring			\$50,000	\$50,000
Multi-Disciplinary Safety Team Facilitator			\$50,000	\$50,000
Work Zone Safety Training			\$30,000	\$30,000
Railroad Crossing Education			\$17,500	\$17,500
Local Technical Assistance			\$20,000	\$20,000
City Work Zone Sign Package Program			\$60,000	\$60,000
Evaluation of Work Zone Safety			\$30,000	\$30,000
Investigation of 3-lane Conversion Impacts			\$50,000	\$50,000
Waterloo Vision Zero Initiative			\$6,800	\$5,000
Temporary Barriers in Work Zones			\$75,000	\$75,000
Update Iowa's Crash Analysis Manual			\$30,000	\$30,000
Iowa Crash Analysis Tool Training			\$70,000	\$70,000
Midwest Work Zone Roundtable			\$3,500	\$3,500
Deer Crash Analysis			\$40,000	\$40,000
Virtual Reality for Work Zone Safety			\$65,000	\$65,000
Multi-lane Roundabout Operational Analysis			\$30,000	\$30,000