

DEPARTMENT OF TRANSPORTATION  
COMMISSION ORDER

Division/Bureau/Office Highway Div./Engineering Bureau/Office of Traffic & Safety Order No. H-2010-34  
Submitted by Tom Welch Phone No. 515-239-1267 Meeting Date December 8, 2009  
Title FY 2011 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 or studies on public roads under city, county or state jurisdiction.

The program provides three funding areas for candidate safety projects:

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

The candidate projects and recommendations from department staff and the state/county/city safety program advisory group will be presented to the Commission for review and approval.

**PROPOSAL/ACTION RECOMMENDATION:**

It is recommended the Commission approve the FY 2011 Traffic Safety Improvement Program.

**COMMISSION ACTION:**

Moved by \_\_\_\_\_ Seconded by \_\_\_\_\_

	Aye	Vote Nay	Pass
Blouin	_____	_____	_____
Cleaveland	_____	_____	_____
Durham	_____	_____	_____
Miles	_____	_____	_____
Reasner	_____	_____	_____
Sawtelle	_____	_____	_____
Wiley	_____	_____	_____

\_\_\_\_\_  
Division  
Director

\_\_\_\_\_  
Legal

\_\_\_\_\_  
State Director

H-2010-34

Tom Welch, Office of Traffic and Safety, said in November he reviewed the fiscal year 2011 traffic safety program consisting of 54 projects for a total of \$5,765,657, and he requested Commission approval of that program.

Commissioner Cleaveland moved, Commissioner Wiley seconded the Commission approve the FY 2011 Traffic Safety Improvement Program. All voted aye.

# Traffic Safety Improvement Program

FY 2011

## All Funded Projects

December 8, 2009



# Sites

Co.	Requesting Agency	Route	Location	Recommended \$
88	DOT - District 4	IA 25	From WCL City of Creston to 130th St.	95,000
33	DOT - District 2	IA 150	At Curve near Maple Rd. in Fayette County	55,000
48	Iowa County	Co. Rd. F46	1.75 miles east of City of Williamsburg	1,500
70	DOT - District 5	US 61 NB Lane	From IA 38 to Muscatine/Scott County Line	500,000
10	Buchanan County	Co. Rd. V62	At Intersection with Co. Rd. C57	350,000
64	Marshall County	Co. Rds. E35 & T29	From ECL City of Marshalltown to Three Bridges Road	491,129
92	Washington County	Co. Rd. W55	From SCL City of Washington south 6.8 miles	500,000
75	Plymouth County	Co. Rd. C60	From Co. Rd. K49 west 4.5 miles	500,000
22	DOT - District 2	US 18	At Curve in Roundhouse Addition in City of Marquette	121,500
96	DOT - District 2	IA 9	At Horizontal Curve from Millennium Rd. to Oilwell Rd. in Winneshiek County	76,800
77	City of Des Moines	Euclid Ave. (US 6)	At Intersection Cornell St.	485,000
96	DOT - District 2	US 52	At Curve near Conover Rd. in Winneshiek County	93,200

(Continued)

(Sites Continued)

<b>Co.</b>	<b>Requesting Agency</b>	<b>Route</b>	<b>Location</b>	<b>Recommended \$</b>
77	DOT - District 1	I 235	From 31st St. to Hull Ave.	107,800
77	City of Des Moines	Euclid Ave. (US 6)	Between Cambridge St. and 2nd Ave., and Intersection with Oxford St.	300,000
57	DOT - District 6	I 380	From 15th Ave. SW to H Ave. NE	104,200
14	City of Carroll	US 30	At Intersection with Griffith Rd.	250,000
77	City of Des Moines	Euclid Ave. (US 6)	At Intersection with 12th St.	270,000
57	City of Cedar Rapids	Edgewood Rd.	At Intersection with Edgewood Parkway SW	150,000
62	Mahaska County	Co. Rd. G77 (340th St.)	At 4 Curves near Plymouth Ave. and Queens Ave.	8,000
63	Marion County	Co. Rd. G71	At "Y" Intersection/Curve with Story St.	181,017
<b>20 Projects</b>		<b>FY 2011 Site Application Total</b>		<b>\$4,640,146</b>

# Traffic Control Devices

Co.	Requesting Agency	Route	Location/Description	Recommended \$
64	Marshall County	Co. Rds. E35 & T29	Upgrade and Add Chevron Signs, Add Deer Crossing Signs and Solar Powered Flashing Red Lights	12,687
25	Dallas County	IA 141	At Intersection with Co. Rd. F31 - Replace Traffic Signal Bulbs with LED Bulbs	6,760
50	Jasper County	Co. Rds. S74 & F48	Replace Chevron Signs	2,453
31	Dubuque County	Old Highway Road	At Intersection with Seippel Road - Install Larger Stop Ahead and Stop Signs, Add Flashing Beacons	12,380
62	Mahaska County	Co. Rd. G77 (340th St.) near Eddyville School	Add School Zone Flashing Beacons	5,360
52	City of Solon	IA 1 (South Market St.) eastside near Solon Middle School	Construct Signalized Mid-Block Pedestrian Crossing and Two Blocks of Sidewalk	43,315
58	Louisa County	Co. Rd. X37	Upgrade Chevron Signs	1,761
52	City of Iowa City	Benton St. and Rohret Rd. near 3 Elementary Schools	Install LED School Speed Limit Signs with Flashing Placards	12,595

(Continued)

(Traffic Control Devices Continued)

<b>Co.</b>	<b>Requesting Agency</b>	<b>Route</b>	<b>Location</b>	<b>Recommended \$</b>
57	City of Cedar Rapids	I 380	At Collins Rd. NE Interchange - Add Dilemma Zone and Stopline Detection at Approaches, Install Detector Extension Passage and Wireless In-pavement Detection	50,000
85	City of Ames	Grand Ave. (US 69)	At Intersection with 28 <sup>th</sup> St. - Upgrade Traffic Signals	155,000
25	Dallas County	Co. Rds. P58 & F90	Replace Regulatory and Warning Signs	1,700
50	Jasper County	Various	Install Speed Advisory Plates	10,000
50	Jasper County	Various	Replace Low Retro Reflectivity Signs	26,000
97	Woodbury County	Co. Rd. D25	Upgrade Warning, Regulatory and Route Marking Signs	22,000
56	City of Keokuk	Main St. (US 218)	At Intersection with 7th St. (US 136) - Upgrade Traffic Signals	200,000
	DOT-Traffic & Safety	Statewide	Improved Signing at High Crash County Horizontal Curves	63,500
<b>16 Projects</b>	<b>FY 2011 Traffic Control Devices Application Total</b>			<b>\$625,511</b>

# Research/Studies

Title/Subject	Recommended \$	
Iowa Traffic Safety Data Service (ITSDS)	20,000	
Intersection Magic/Diagram Magic Statewide License Renewal	13,000	
Work Zone Safety Training	45,000	
Traffic Safety Liaison Program	50,000	
Evaluation of Dynamic Warning Signs at High Crash Rural Curves, Phase II	40,000	
Study Yield Signs at RR Crossings Impact	10,000	
Evaluating Red Light Running Camera Enforcement (RLRCE) and Developing Guidelines for Use of RLRCE	15,000	
Guidance for Effective Traffic Calming and Traffic Control in Small Rural Communities	35,000	
Identifying High Crash Curves - Phase II	25,000	
Winter Crash Analysis and Safety Audit	15,000	
Safety Circuit Rider Support	20,000	
Traffic and Safety Engineering Forum, Training and Peer Exchange	20,000	
OWI Recidivism Study	20,000	
Traffic Data Collection & Reduction Using Video Detection Equipment	28,500	
Iowa Traffic Safety Alliance "Change the Culture"	50,000	
Systematic Identification of Optimal Roundabout Sites	35,000	
Comprehensive Highway Safety Plan Implementation	8,500	
Development of Geometric Design Guides for Roundabouts	50,000	
<b>18 Projects</b>	<b>FY 2011 Research/Study Application</b>	<b>Total \$500,000</b>