



Iowa State Rail Plan Final

Appendix E

*Highway-Railroad Crossing Safety Program
and Grade Crossing Improvement Projects in
Iowa, 2015-2017*



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E.1 Federal Highway-Railroad Crossing Safety Program and Grade Crossing Improvement Projects in Iowa, 2015-2017

Presented below is a list Federal Highway-Railroad Crossing Safety Program and Grade Crossing Improvement Projects in Iowa for 2015-2017. Iowa DOT will also receive additional Federal Highway Safety Improvement Program funding for 2016 that is yet to be programmed to specific projects.

Federal-Aid Highway-Railroad Safety Fund Proposed 2015 Accomplishment Program Candidates

B/C	FEDERAL ID#	APPLICANT*	RAILROAD	HIGHWAY JURISDICTION	ROAD LOCATION	PRESENT WARNING DEVICE	TYPE OF IMPROVEMENT	FEDERAL FUNDS
3.9	3075908	HA	CC	Cherokee County	J Avenue	Crossbucks	Signals w/gate arms	\$190,000
3.3	195484E	RR	UP	Iowa DOT (Lake Mills)	Main Street	Signals w/gate arms	Circuitry upgrade	\$285,000
2.5	605731E	RR	UP	Warren County	183rd Avenue	Crossbucks	Signals w/gate arms	\$200,000
2.5	307486G	HA	CC	Buena Vista County	160th Avenue	Crossbucks	Signals w/gate arms	\$180,000
2.4	190469K	HA	UP	Lisbon	Gillette Lane	Crossbucks	Signals w/gate arms	\$200,000
2.4	307594D	HA	CC	Cherokee County	H Avenue	Crossbucks	Signals w/gate arms	\$190,000
1.6	875901P	RR/HA	UP	Livermore	Fourth Street	Crossbucks	Signals w/gate arms	\$200,000
1.6	875906Y	RR	UP	Humbolt County	Pine Avenue	Crossbucks	Signals w/gate arms	\$190,000
1.5	197080R	RR	UP	Story County	140th Street	Crossbucks	Signals w/gate arms	\$190,000
1.4	063244H	RR	BNSF	Fort Madison	Sixth Street	Signals w/gate arms	Circuitry upgrade	\$50,000
1.3	079190C	RR	BNSF	West Burlington	North Sunset Drive	Crossbucks	Signals w/gate arms	\$200,000
1.3	376144U	HA	DME	Guttenberg	Dekalb Street	Crossbucks	Signals w/gate arms	\$190,000
1.3	191033M	HA	UP	Harrison County	128th Trail	Crossbucks	Signals w/gate arms	\$200,000
1.1	385164E	RR/HA	DME	Luana	Dolphin Avenue	Crossbucks	Signals w/gate arms	\$180,000
1.1	607252G	RR	DME	Cotter	Louisa County Road W 38	Signals	Signals w/gate arms	\$150,000
1.1	192641K	RR	UP	Des Moines	Dean Avenue	Signals	Signals w/gate arms	\$190,000
1.1	382070T	RR/HA	BNSF	Sioux City	Hamilton Boulevard	Signals	Signals w/gate arms	\$240,000
1.1	380025S	HA	DME	Plymouth	Broad Street	Crossbucks	Signals w/gate arms	\$180,000
1.1	6024710	RR	UP	Polk County	Southeast 60th Street	Signals	Signals w/gate arms	\$180,000

1.1	063224W	RR	BNSF	Albia	East Benton Avenue	Signals w/ gate arms	Circuitry upgrade	\$120,000
1.0	1904098	HA	UP	Clinton County	122nd Avenue	Crossbucks	Signals w/gate arms	\$200,000
1.0	191357P	RRIHA	UP	Sioux City	Dace Avenue	Signals	Signals w/gate arms	\$210,000
1.0	191100E	RR	UP	Pottawattamie County	Missouri Avenue	Crossbucks	Signals w/gate arms	\$220,000
1.0	195542X	RR	UP	Worth County	Dogwood Avenue	Crossbucks	Signals w/gate arms	\$180,000
1.0	079061M	RR	BNSF	Monroe County	180th Avenue	Crossbucks	Signals w/gate arms	\$200,000
1.0	067353A	RR	BNSF	Plymouth County	Plymouth County Road G-38	Signals	Signals w/gate arms	\$100,000
1.0	079157C	RR	BNSF	Henry County	Marsh Avenue	Signals w/ gate arms	Circuitry upgrade	\$75,000
1.0	067349K	RR	BNSF	Merrill	Main street	Signals	Signals w/gate arms	\$100,000
1.0	079234A	RR	BNSF	Henry County	Nebraska Avenue	Signals w/ gate arms	Circuitry upgrade	\$200,000
1.0	385623X	HA	DME	Kossuth County	Kossuth County Road P 20	Crossbucks	Signals w/gate arms	\$125,000
1.0	074107G	RR	BNSF	Union County	Iris Avenue	Crossbucks	Signals w/gate arms	\$180,000
0.5	3074768	HA	CC	Newell	Clark Street	Crossbucks	Signals w/gate arms	\$185,000
							Crossing closures statewide	\$30,000

Total \$5,710,000

* HA = Highway Authority

Source: Iowa DOT

2016 Highway-Railroad Crossing Safety Program
Recommendations for Highway-Railroad Crossing Safety Projects

BENEFIT/ COST RATIO	AWARD	COUNTY	HIGHWAY JURISDICTION	ROAD LOCATION	CROSSING I.D.	RAILROAD	APPLICANT	TYPE OF IMPROVEMENT	"PRESENT WARNING DEVICE"
5.6	\$240,000	Plymouth	Le Mars	12th Street SW	307648G	UP	Le Mars / UP	Signals w/gate arms	Signals
3.8	\$225,000	Plymouth	Le Mars	18th Street SW	307649N	UP	Le Mars / UP	Signals w/gate arms	Signals
3.4	\$180,000	Cerro Gordo	Cerro Gordo County	330th Street	196370V	UP	UP	Signals w/gate arms	Signals
3.1	\$220,000	Boone	Boone County	U Avenue	190718N	UP	UP	Signals w/gate arms	Crossbucks
2.8	\$160,000	Polk	Des Moines	Fifth Avenue	603720K	IAIS	Des Moines / IAIS	Signals w/gate arms	Signals
2.4	\$180,000	Osceola	Osceola County	180th Street	185848A	UP	UP	Signals w/gate arms	Crossbucks
2.3	\$180,000	Story	Story County	280th Street	876051F	UP	UP	Signals w/gate arms	Crossbucks
2.0	\$180,000	Buena Vista	Alta	Main Street	307526C	CC	Alta	Signals w/gate arms	Signals
1.7	\$180,000	Plymouth	Plymouth County	Otter Avenue	307628V	CC	Plymouth County	Signals w/gate arms	Crossbucks
1.6	\$195,000	Harrison	Harrison County	125th Street	191223R	UP	UP	Signals w/gate arms	Crossbucks
1.4	\$180,000	Webster	Webster County	Hayes Avenue	196553N	UP	UP	Signals w/gate arms	Crossbucks
1.3	\$180,000	Webster	Webster County	160th Street	196529M	UP	UP	Signals w/gate arms	Crossbucks
1.0	\$210,000	Pottawattamie	Pottawattamie County	Sumac Road	191097Y	UP	UP	Signals w/gate arms	Signals
0.9	\$185,000	Worth	Worth County	Wheelerwood Road	195993B	UP	UP	Signals w/gate arms	Crossbucks
0.9	\$180,000	Cerro Gordo	Mason City	Eighth Street SE	379986C	DME	Mason City	Signals w/gate arms	Crossbucks
0.9	\$190,000	Boone	Boone County	A Avenue	190335L	UP	UP	Signals w/gate arms	Crossbucks
0.9	\$180,000	Cerro Gordo	Ventura	360th Street	385520X	DME	UP	Signals w/gate arms	Crossbucks
0.9	\$200,000	Cerro Gordo	Cerro Gordo County	300th Street	195980A	UP	UP	Signals w/gate arms	Signals
0.9	\$240,000	Cedar	Cedar County	Echo Avenue	190455C	UP	UP	Signals w/gate arms	Crossbucks
0.9	\$190,000	Worth	Worth County	425th Street	195549V	UP	UP	Signals w/gate arms	Crossbucks
0.9	\$200,000	Greene	Greene County	I Avenue	190738A	UP	UP	Signals w/gate arms	Crossbucks
0.9	\$180,000	Wright	Wright County	Nelson Avenue	196440H	UP	UP	Signals w/gate arms	Crossbucks
0.9	\$210,000	Greene	Greene County	D Avenue	190747Y	UP	UP	Signals w/gate arms	Crossbucks
0.9	\$160,000	Hancock	Hancock County	Yale Avenue	385526N	DME	Hancock County / DME	Signals w/gate arms	Crossbucks
0.8	\$200,000	Clarke	Clarke County	300 Avenue	074064R	BNSF	Clarke County / BNSF	Signals w/gate arms	Crossbucks
0.8	\$175,000	Cedar	Cedar County	Spicer Avenue	190425K	UP	UP	Signals w/gate arms	Crossbucks
0.8	\$180,000	Clinton	Clinton	105th Avenue	190408U	UP	Clinton	Signals w/gate arms	Crossbucks
0.8	\$180,000	Cherokee	Cherokee County	L Avenue	307587T	CC	Cherokee County	Signals w/gate arms	Crossbucks
0.8	\$180,000	Lucas	Lucas County	270th Avenue	079121U	BNSF	Lucas County	Signals w/gate arms	Crossbucks
0.7	\$180,000	Black Hawk	Raymond	Lafayette Road	307103C	CC	Raymond / CC	Signals w/gate arms	Crossbucks
	\$15,000		Statewide					Crossing closure	
Total	\$5,735,000								

Source: Iowa DOT

2017 Highway-Railroad Crossing Safety Program
 Recommendations for Highway-Railroad Crossing Safety Projects

BENEFIT/ COST RATIO	AWARD	COUNTY	HIGHWAY JURISDICTION	ROAD LOCATION	CROSSING I.D.	RAILROAD	APPLICANT	TYPE OF IMPROVEMENT	"PRESENT WARNING DEVICE"
3.8	\$200,000	Bremer	Bremer County	205th Street	308835T	CEDR	Bremer County	Signals w/gate arms	Crossbucks
3.5	\$180,000	Johnson	Iowa County	Johnson Iowa Road	608030B	IAIS	Iowa County	Signals w/gate arms	Crossbucks
2.7	\$250,000	Woodbury	Sioux City	Grant Street	307687X	UP	Sioux City / UP	Signals w/gate arms	Crossbucks
2.4	\$180,000	Delaware	Delaware County	Fairview Drive	307012W	CC	Delaware County	Signals w/gate arms	Crossbucks
2.1	\$180,000	Buena Vista	Storm Lake	Barton Street	307516W	CC	Storm Lake	Signals w/gate arms	Crossbucks
1.9	\$190,000	Hardin	Ackley	Cerro Gordo Street	307258U	CC	Ackley	Signals w/gate arms	Crossbucks
1.8	\$185,000	Osceola	Osceola County	250th Street	185855K	UP	UP	Signals w/gate arms	Crossbucks
1.6	\$180,000	Pocahontas	Pomeroy	Ontario Street	307447R	CC	Pomeroy	Signals w/gate arms	Crossbucks
1.4	\$200,000	Kossuth	Kossuth County	230th Avenue	608587A	UP	UP	Signals w/gate arms	Crossbucks
1.2	\$380,000	Polk	Des Moines	Maury Street	864238S	NS	Des Moines	Signals w/gate arms	Crossbucks
1.1	\$300,000	Union	Union County	Tulip Avenue	074097D	BNSF	BNSF	Signals w/gate arms	Crossbucks
0.9	\$185,000	Pocahontas	Pocahontas County	Jackson Street	200956M	UP	UP	Signals w/gate arms	Crossbucks
0.8	\$180,000	Buchanan	Jesup	1st Street	307088C	CC	Jesup	Signals w/gate arms	Signals
0.8	\$200,000	Wayne	Wayne County	Main Street	605746U	UP	UP	Signals w/gate arms	Crossbucks
0.7	\$180,000	Buena Vista	Storm Lake	Oneida Street	307503V	CC	Storm Lake	Signals w/gate arms	Crossbucks
0.7	\$200,000	Wayne	Wayne County	Central Avenue	605747B	UP	UP	Signals w/gate arms	Signals
0.7	\$300,000	Greene	Greene County	C Avenue	190750G	UP	UP	Signals w/gate arms	Crossbucks
0.7	\$180,000	Story	Gilbert	Mathews Street	196988H	UP	Gilbert	Signals w/gate arms	Signals
0.7	\$190,000	Crawford	Dow City	Franklin Street	191010F	UP	UP	Signals w/gate arms	Crossbucks
0.7	\$175,000	Clinton	Camanche	7th Street	865547H	DME	Camanche	Signals w/gate arms	Signals
0.7	\$180,000	Harrison	Harrison County	Easton Trail	191219B	UP	UP	Signals w/gate arms	Signals
0.6	\$180,000	Plymouth	Plymouth County	Marble Avenue	307632K	CC	Plymouth County	Signals w/gate arms	Crossbucks
0.6	\$190,000	Marshall	Gilman	Church Street	193067N	UP	UP	Signals w/gate arms	Crossbucks
0.6	\$200,000	Bremer	Waverly	20th Street NW	308830J	CC	Waverly	Signals w/gate arms	Crossbucks
0.6	\$180,000	Cherokee	Cherokee County	C Avenue	307603A	CC	Cherokee County	Signals w/gate arms	Crossbucks
0.6	\$190,000	Lucas	Lucas County	450th Street	604489V	UP	UP	Signals w/gate arms	Crossbucks
0.5	\$180,000	Buena Vista	Storm Lake	Hudson	307502N	CC	Storm Lake	Signals w/gate arms	Crossbucks
0.3	\$190,000	Bremer	Waverly	20th Street NW	201964H	CC	Waverly	Signals w/gate arms	Crossbucks
Total	\$5,720,000		Statewide					Crossing closure	

Source: Iowa DOT

E.2 State Highway-Railroad Crossing Surface Repair Program Grade Crossing Improvement Projects in Iowa, 2015-2017

Presented below is a list of State Highway-Railroad Crossing Surface Repair Program Grade Crossing Improvement Projects in Iowa for 2015-2017. Iowa DOT will also receive additional Federal Highway Safety Improvement Program funding for 2016 that is yet to be programmed to specific projects.

State Highway-Railroad Crossing Surface Repair Program Fiscal Year 2015

COUNTY	FEDERAL ID#	RAILROAD	HIGHWAY JURISDICTION	ROAD LOCATION	STATE SURFACE REPAIR FUND (60%)
Cerro Gordo	873328P	IATR	Mason City	S. Benjamin Avenue	\$36,600
Cerro Gordo	874088N	IATR	Mason City	S. Taft Avenue	\$51,000
Pocahontas	307459K	CCP	Fonda	Main Street	\$111,075
Black Hawk	908227F	CCP	Waterloo	ML King Jr Drive	\$87,420
Black Hawk	931824V	CCP	Waterloo	Rooff Avenue	\$56,340
Muscatine	606737Y	DM&E	Muscatine County	Pettibone Avenue	\$163,567
Muscatine	606736S	DM&E	Muscatine County	Pettibone Avenue	\$114,953
Hancock	599323C	IANR	Hancock	Taft Avenue (240th St)	\$27,960
Muscatine	606821G	IAIS	Muscatine County	Co Rd Y14 (Taylor Avenue)	\$41,872
Hancock	599346J	IANR	Forest City	Crystal Lake Road	\$24,840
Clayton	376146H	DM&E	Guttenberg	Schiller Street	\$88,200
Louisa	607234H	DM&E	Louisa County	2nd Street (in Fredonia)	\$45,600
O'Brien	385745C	DM&E	O'Brien County	Warbler Avenue	\$42,600
Black Hawk	307180C	CCP	Waterloo	West Arline Ave	\$69,000
Total					\$961,027

Source: Iowa DOT

State Highway-Railroad Crossing Surface Repair Program Fiscal Year 2016

COUNTY	FEDERAL ID#	RAILROAD	HIGHWAY JURISDICTION	ROAD LOCATION	STATE SURFACE REPAIR FUND (60%)
Mitchell	308975V	CEDR	St. Ansgar	West Fourth Street	\$207,000
Polk	603717C	IAIS	Des Moines	Southwest Second Avenue	\$54,000
Polk	603718J	IAIS	Des Moines	Third Street	\$53,100
Mitchell	308952N	CEDR	Osage	State Street and South Third Street intersection	\$124,200
Mitchell	308973G	CEDR	St. Ansgar	Sixth Street	\$114,000
Buchanan	307088C	CCP	Jesup	First Street	\$62,400
Mitchell	308971T	CEDR	St. Ansgar	Church Street	\$103,800
Mitchell	308954C	CEDR	Osage	Chase Street	\$133,200
Polk	917605X	IAIS	Urbandale	Aurora Avenue	\$44,400
Boone	271479R	BSVR	City of Boone	Greene Street	\$23,040
Total					\$919,140

Source: Iowa DOT

**Recommendations for State Highway-Railroad Crossing Surface Repair Projects
Fiscal Year 2017**

AWARD	COUNTY	HIGHWAY JURISDICTION	ROAD LOCATION	CROSSING ID#	RAILROAD	APPLICANT	TYPE OF IMPROVEMENT
\$57,600	Jackson	Bellevue	Jefferson Avenue/399th Street	376099C	DME	Bellevue	Roadway surface repair
\$54,600	Jackson	Bellevue	Motte Street	376097N	DME	Bellevue	Roadway surface repair
\$66,600	Jackson	Bellevue	Market Street	376089W	DME	Bellevue	Roadway surface repair
\$46,200	Clinton	City of Clinton	McKinley Street	376046D	DME	City of Clinton	Roadway surface repair
\$51,000	Clinton	City of Clinton	32nd Avenue North	376045W	DME	City of Clinton	Roadway surface repair
\$67,800	Clinton	City of Clinton	Main Avenue	376040M	DME	City of Clinton	Roadway surface repair
\$52,800	Clinton	City of Clinton	15th Avenue North	376033C	DME	City of Clinton	Roadway surface repair
\$66,000	Clinton	City of Clinton	5th Avenue South	376022P	DME	City of Clinton	Roadway surface repair
\$66,000	Clinton	City of Clinton	6th Avenue South	376021H	DME	City of Clinton	Roadway surface repair
\$60,600	Clinton	City of Clinton	25th Avenue North	376041U	DME	City of Clinton	Roadway surface repair
\$54,000	Clinton	City of Clinton	23rd Avenue North	376039T	DME	City of Clinton	Roadway surface repair
\$195,000	Black Hawk	Waterloo	East Fourth Street	307122G	CCP	Waterloo	Roadway surface repair
\$76,800	Linn	Cedar Rapids	42nd Street NE	307839S	CCP	Cedar Rapids	Roadway surface repair
\$62,400	Black Hawk	Waterloo	Nevada Street	307117K	CCP	Waterloo	Roadway surface repair
\$83,400	Linn	Cedar Rapids	Blairs Ferry Road NE	307836W	CCP	Cedar Rapids	Roadway surface repair

\$1,060,800 Total

Source: Iowa DOT



 **IOWA DOT**

