



CROSSING SAFETY IMPROVEMENT PROGRAM

FY 2015-2019 Plan

**PROPOSED GRADE CROSSING PROTECTION FUND
PROJECTS FOR LOCAL ROADS AND STREETS**

ILLINOIS COMMERCE COMMISSION
APRIL 2014

INTRODUCTION

The Illinois Commerce Commission (ICC) has the statutory responsibility to improve safety at public highway-rail crossings in the State of Illinois. Currently, there are 7,720 highway-rail grade crossings in Illinois, of which 777 are on state roads, and 6,943 are on local roads. There are 2,669 highway-rail grade-separated crossings (bridges) in the state. Another 3,972 grade crossings are on private property, which are not under the jurisdiction of the state, and there are also 142 private bridge structures. There are also 348 pedestrian grade crossings and 96 pedestrian grade separated crossings (bridges) in Illinois. Nationally, Illinois is second only to Texas in the total number of highway-rail crossings. Table A summarizes the distribution of highway-rail crossings by type and position.

Table A
Illinois Highway-Rail Crossings

Crossing Type	Crossing Position	Crossings
Public Roadway	At-Grade	7,720
	RR Over	1,729
	RR Under	940
Pedestrian Pathway	At-Grade	348
	RR Over	65
	RR Under	31
Total		10,833

The ICC orders safety improvements at public highway-rail crossings with the cost of such improvements paid by the state, the railroads, and local governments. On state roads, the Illinois Department of Transportation (IDOT) pays the majority of the costs through the State Road Fund. For local roads, the Grade Crossing Protection Fund (GCPF) was created to pay the majority of the costs of improvements.

RAILROAD CROSSING SAFETY — THE THREE E's

Illinois is one of the key transportation hubs in the nation. With approximately 7,400 miles of railroad track, its rail system is the country's second largest, including the largest rail freight hub in Chicago. Illinois has the nation's third largest highway system, with 145,342 miles of highways, streets and roads and 26,581 bridges as of December 2012.

Both the rail and highway systems are among the most heavily used in the nation in terms of volume of traffic, with much of the traffic concentrated in the Chicago metropolitan region. There, the urban mass transit system serves an average of nearly 620 million passengers a year over an extensive network of bus and rail routes.

Keeping the grade crossing portion of this transportation network operating safely and efficiently involves local, state and federal governments as well as the private sector. These safety efforts can be summarized as the Three E's - **Education, Engineering and Enforcement.**

Education: The ICC is actively involved in developing programs to educate the public about the danger at highway-rail grade crossings. One example of this public education program is the ICC's participation in Operation Lifesaver. The Operation Lifesaver program is a public-private partnership designed to increase public awareness of grade crossing hazards. It also strives to improve driver and pedestrian behavior at railroad crossings by encouraging compliance with traffic laws relating to crossing signs and signals.

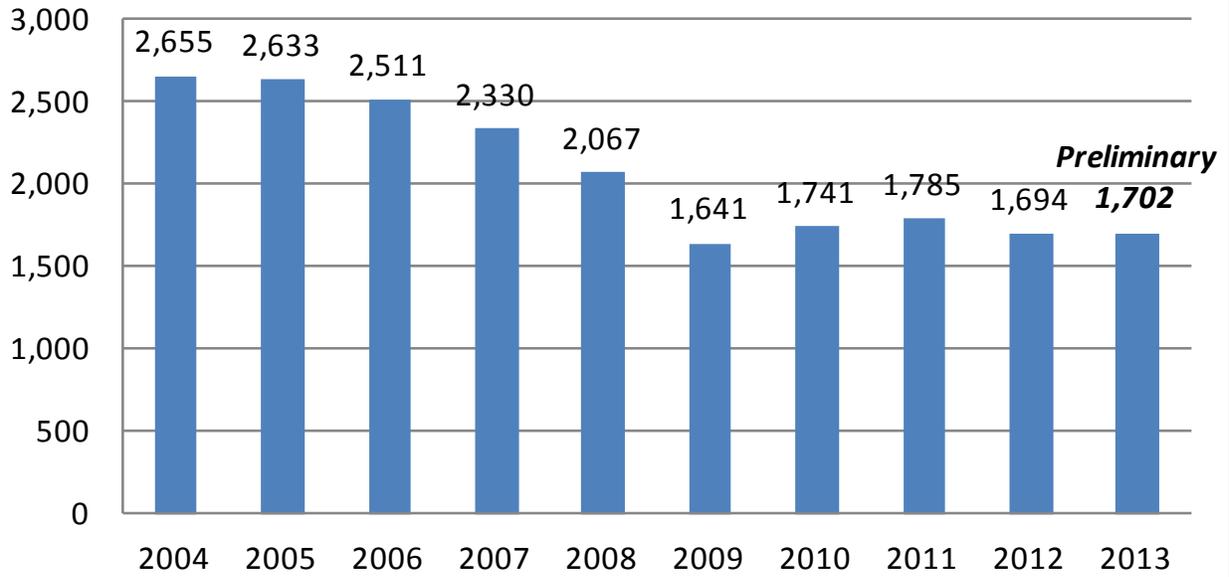
Enforcement: Enforcement of existing traffic and trespass laws is key, especially the issuance of fines (up to \$500) or community service to persons convicted of crossing railroad tracks after the warning signals have activated.

Engineering: Grade crossing safety improvements are also critical to reducing collisions. The ICC orders physical and system improvements, including the installation and upgrading of grade crossing warning signs and signals and, where warranted, grade separations. While education and enforcement are absolutely essential, the focus of this report is the engineering of capital improvements to further railroad crossing safety on local roads.

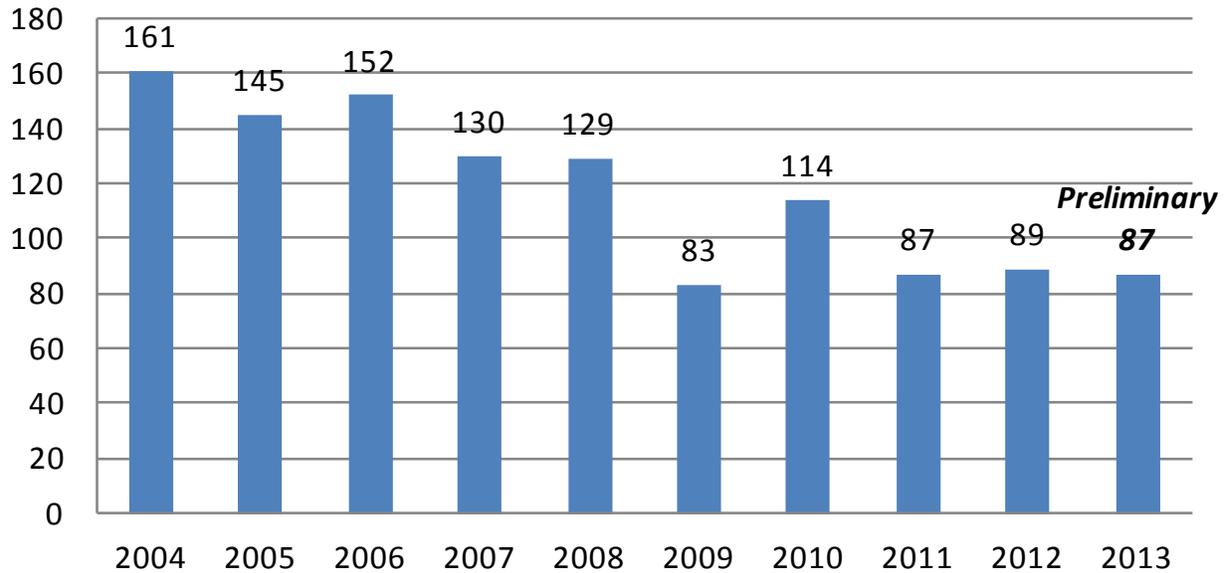
2013 IN REVIEW - Collision and Casualty Rates

In 2013, preliminary statistics indicate there were 87 collisions at public crossings in Illinois, two less than in 2012. National preliminary figures for 2013 indicate 1,702 collisions occurred, compared to 1,694 in 2012, which is a 0.47% increase. As can be seen from the following charts, the trend both nationally and in Illinois is a decrease in collisions (except between 2009 and 2010, when there was a marked increase in collisions).

10 Year Trend in Collisions at Public Crossings: USA
 (Note: Data Provided by the Federal Railroad Administration)



10 Year Trend in Collisions at Public Crossings: Illinois
 (Note: Data Provided by the Federal Railroad Administration)



The general public commonly thinks of grade crossing collisions as involving trains colliding with cars (i.e., train-vehicle), and in a majority of incidents that is the case. However, each year a substantial number of collisions involve motor vehicles driving into the sides of trains (i.e., vehicle-train). In 2013, 18% (16 out of 87) of all collisions involved cars driving into the sides of trains, a percentage which has remained fairly constant over the years. The 16 vehicle-train collisions in 2013 resulted in zero fatalities and 6 injuries.

Total fatalities resulting from collisions at highway-rail crossings in Illinois decreased from 26 in 2012 to 18 in 2013. Fatality statistics, however, are not a particularly good measure of safety. Fatalities are a function of random events, such as how many occupants were riding in a car involved in a collision, or multiple fatalities involved in the same incident (as in the death of eleven passengers involved in the Amtrak/steel truck collision that occurred near Bourbonnais, in 1999). Table B illustrates the distribution of fatalities by collision type in 2013.

Table B
Illinois Highway-Rail Grade Crossing Collisions

Type of Collision	Total Collisions	Fatal Collisions	Total Fatalities
Train Struck Vehicle	54	4	4
Vehicle Struck Train	16	0	0
Pedestrian	17	14	14
Total	87	18	18

RAILROAD CROSSING SAFETY FUNDING

The Grade Crossing Protection Fund (GCPF), appropriated to the Illinois Department of Transportation but administered by the ICC, was created by state law to assist local jurisdictions (counties, townships and municipalities) in paying for safety improvements at highway-railroad crossings on local roads and streets only. Assistance from the GCPF cannot be used for safety improvements at highway-rail crossings located on the state road or highway system. Those improvements are paid for by the Illinois Department of Transportation. Beginning with Fiscal Year 2010, each month \$3.25 million in state motor fuel tax receipts is transferred from the Motor Fuel Tax (MFT) fund to the Grade Crossing Protection Fund. This amount provides the GCPF with \$39 million annually to be used for safety improvements at highway-rail crossings on local roads and streets. The GCPF is typically used to help pay for the following types of projects:

- **Warning Device Upgrades:** Installation of automatic flashing light signals and gates at public grade crossings currently not equipped with automatic warning devices; installation of automatic flashing light signals and gates at public grade crossings currently equipped only with automatic flashing light signals; signal circuitry improvements at public grade crossings currently equipped only with automatic warning devices;
- **Grade Separations - New and Reconstructed:** Construction, reconstruction, or repair of bridges carrying a local road or street over railroad tracks (overpass); construction, reconstruction, or repair of bridges carrying railroad tracks over a local road or street (subway);
- **Grade Separations - Vertical Clearance Improvements:** Lowering the existing highway pavement surface under a railroad bridge to improve vertical clearance for motor vehicles;
- **Pedestrian Grade Separations:** Construction of a bridge to carry pedestrian/bicycle traffic over or under railroad tracks;
- **Interconnects:** Upgrading the circuitry at grade crossings where warning signals are connected to the adjacent traffic signals so that the two systems operate in a synchronized manner;
- **Highway Approaches:** Improvements to the portion of the public roadway directly adjacent to the crossing surface;
- **Connecting Roads:** Construction of a roadway between a closed crossing and an adjacent open, improved crossing;
- **Remote Monitoring Devices:** Sensor devices in the circuitry of grade crossing warning devices which immediately alert the railroad to any failures in warning device operations;
- **Crossing Closures:** Provide an incentive payment to local agencies for the voluntarily closure of public highway-rail grade crossings; and
- **Crossing Surface Renewals:** Up to \$2 million in assistance annually can be allocated for crossing surface improvements.

The cost of railroad crossing safety improvements varies substantially depending on the nature of the work undertaken. A standard installation of gates with automatic flashing light signals on a two-lane road typically costs approximately \$200,000-\$250,000. Additional costs for road improvements could typically range from \$10,000 to \$150,000 depending on the road type and location. Grade separation structures are very costly. The GCPF has made contributions to pavement lowering (vertical clearance improvements) projects costing between \$75,000 - \$3 million, and new underpass structures costing more than \$50 million. Bridges over railroads can cost from \$800,000 for a rural structure to \$40 million for a multi-lane multi-railroad urban structure. Typically, the ICC authorizes contributions from GCPF that pay up to 60% of the cost for grade separation projects and 85% to 95% for grade crossing improvements, although ICC policy is to allocate no more than \$12 million from the GCPF to any individual project unless unusual circumstances warrant otherwise. When the numbers of crossing locations needing improvement are multiplied by project costs, the problem of allocating sufficient assistance from the GCPF becomes apparent.

CROSSING SAFETY IMPROVEMENT PROJECTS

This report presents the railroad crossing safety capital improvements that ICC staff proposes to implement during FY 2015 and also looks ahead to the projects contemplated for FY 2016-FY 2019. In all cases it is assumed that any required local funding match will be available. In some cases local funding may not be available during the same fiscal year in which a crossing improvement has been programmed. In those circumstances the Rail Safety Section staff will recommend to the ICC that assistance from the GCPF for the project be reallocated to another fiscal year to accommodate the local agency.

The ICC receives numerous requests from local communities and railroads for assistance from the Grade Crossing Protection Fund for safety improvements at public highway-rail crossings. During development of each multi-year crossing safety improvement program plan, the large number of potential projects requires the ICC to prioritize projects based upon several criteria, including the relative safety of the existing crossing and the volume and types of existing train and highway traffic. After each potential project is prioritized based on engineering requirements, geographic location is also taken into account so that safety improvements throughout the state can be addressed as equitably as possible. Projects not selected for the Plan are considered again as part of future 5-Year Plans.

The project list for Fiscal Year 2015 (July 1, 2014 through June 30, 2015) includes capital improvement projects that local governments or railroads have previously submitted to the ICC for evaluation and approval, as well as projects based on established priorities. The project list for FY 2016-2019 (out-year list) includes projects based on a continued effort to meet those established priorities:

- **High Collision History** - Each year the ICC places a high priority on upgrading public highway-rail grade crossings which have a pronounced history of train/vehicle collisions, or which have a high predictive value for future collisions. The FY 2015-2019 Plan will address safety improvements at as many of these crossing locations as possible.
- **Rail Corridors** - The ICC has identified as a priority the need to improve public highway-rail grade crossings in rail corridors where conventional speed passenger trains operate.
- **Highway and Pedestrian Grade Separations (Bridges)** - The ICC is continually seeking locations where grade crossing blockages cause substantial motorist or emergency vehicle delay, or where heavy vehicular traffic represents a heightened threat of train/vehicle collisions. This Plan includes funding assistance for numerous highway/rail bridge projects on local roads and streets throughout the state.

Recently, the ICC was given authority to utilize the GCPF to assist local communities with the cost of constructing pedestrian grade separations in areas where it is necessary to improve safety. This Plan includes funding assistance for several pedway/rail bridge projects throughout the state.

- **Interconnected Crossings** - The ICC and IDOT are continuing a program to identify and improve highway-rail grade crossings that require the interconnection of crossing warning signals with traffic control signals at adjacent highway intersections.

FY 2015 PLAN

Projects programmed for submittal to the ICC in FY 2015 are listed in Appendix 1. In FY 2015 it is anticipated the ICC will consider projects requiring commitments from the GCPF totaling \$39.3 million, including \$22.8 million for bridge projects.

In FY 2015, the ICC will also set aside \$5 million from the GCPF in contingency funds to address emergency projects which may require rapid resolution; experimental crossing safety projects; low-cost safety improvements at multiple crossings; incentive payments to local agencies for the voluntary closure of public highway-rail grade crossings; and, crossing surface renewals. It is anticipated that in the next three years the contingency funds will be used to help pay for low-cost improvements [replacement of incandescent lights with light emitting diode (LED) lights, for example] involving approximately 60 crossings not currently equipped with LED flashing light signals. These projects are summarized in Table C.

TABLE C**FY 2015 Projects by Project Type
Total Estimated Assistance from the GCPF**

PROJECT TYPE	CROSSINGS	\$MILLIONS
Bridge Projects	5	22.8
Grade Crossing Improvement Projects	48	11.5
Low-Cost Emergency Projects; Experimental Projects; Voluntary Crossing Closure Incentive Payments; Surface Renewal	120 (Est) ¹	5.0
¹ (Exact number of crossings in this category yet to be determined)		
Total	173 (Est)¹	39.3

NOTE: At the time the FY 2015 portion of the Plan was prepared, assistance from the GCPF was available for each project noted in Appendix 1. However GCPF contributions may cease for certain projects should the General Assembly fail to appropriate, or otherwise not make available, sufficient funds.

FY 2016 - 2019 PLAN

Projects programmed for submittal to the ICC in FY 2016-2019 are listed in Appendix 2. For those four years, it is anticipated the ICC will consider projects requiring commitments from the GCPF totaling over \$157 million, affecting approximately 596 crossings in over 61 counties. In addition, \$20 million from the GCPF will be set aside in contingency funds during FY 2016-2019. These projects are summarized in Table D.

TABLE D**FY 2016-19 Projects by Project Type
Total Estimated Assistance from the GCPF**

PROJECT TYPE	CROSSINGS	\$MILLIONS
Bridge Projects	15	80.1
Grade Crossing Improvement Projects	180	53.1
Progress Payments for Projects	1	4.3
Low-Cost Emergency Projects; Experimental Projects; Voluntary Crossing Closure Incentive Payments; Surface Renewal	480 (Est) ¹	20.0
¹ (Exact number of crossings in this category yet to be determined)		
Totals	676 (Est)¹	157.5

NOTE: At the time the FY 2016-2019 portion of the Plan was prepared, assistance from the GCPF was available for each project noted in Appendix 2. However GCPF contributions may cease for certain projects should the General Assembly fail to appropriate, or otherwise not make available, sufficient funds.

ACTIVE PROJECTS

The ICC has previously issued Orders that authorize over 100 safety improvement projects, involving about 148 crossings in over 43 counties throughout the state. These projects are summarized in Table E below. Appendix 3 lists each individual project with specific location and cost information.

TABLE E		
Active Projects by Project Type		
Amount of GCPF Assistance Approved by the ICC		
<u>PROJECT TYPE</u>	<u>CROSSINGS</u>	<u>\$MILLIONS</u>
Bridge Projects	20	68.9
Grade Crossing Improvement Projects	81	23.4
High Speed Rail Crossing Improvements	23	9.3
Low-Cost Emergency Projects; Experimental Projects; Voluntary Crossing Closure Incentive Payments; Surface Renewal	24	1.4
Totals	148	103.0

PENDING PROJECTS

The Rail Safety Section anticipates that a number of crossing safety improvement projects will be submitted to the Commission for approval before the end of FY 2014. The projects are summarized in Table F below. Appendix 4 lists these pending projects with location and cost information.

TABLE F		
Pending Projects by Project Type		
Total Estimated Assistance from the GCPF		
<u>PROJECT TYPE</u>	<u>CROSSINGS</u>	<u>\$MILLIONS</u>
Bridge Projects	3	20.7
Grade Crossing Improvement Projects	20	5.3
High Speed Rail Crossing Improvements	11	5.1
Low-Cost Emergency Projects; Experimental Projects; Voluntary Crossing Closure Incentive Payments; Surface Renewal, Cost Adjustments	47	2.4
Totals	81	33.5

DOT#	RR	County	City	Location	Description of Improvement	Est.Total Cost
069134T	BNSF	Bond	Smithboro	Ripson Bridge Avenue	Automatic Flashing Light Signals and Gates Install	\$230,000
175686X	UP	Bureau	Buda	Kentville Road	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
175695W	UP	Bureau	Buda	Cannon Ball Trail	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
175703L	UP	Bureau	Buda	1550N	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
069873R	BNSF	Carroll	Milledgeville	Ideal Road	Grade Separation: Reconstruct	\$3,300,000
292558K	INRD	Crawford	Palestine	Lincoln Street	Automatic Flashing Light Signals and Gates Install	\$240,000
079520F	BNSF	DuPage	Hinsdale	Oak Street	Grade Separation: Reconstruct	\$17,050,000
260805L	WC	DuPage	Naperville	Illinois Prairie Path	Pedestrian Grade Separation: Construct	\$6,650,478
424043R	UP	Effingham	Altamont	1400th Avenue (TR 85)	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$275,000
063810R	BNSF	Fulton	Vermont	Quarter Road	Automatic Flashing Light Signals and Gates Install	\$240,000
078455Y	BNSF	Fulton	Table Grove	County Highway 13	Automatic Flashing Light Signals and Gates Upgrade	\$240,000
078463R	BNSF	Fulton	Table Grove	Main Street	Automatic Flashing Light Signals and Gates Upgrade	\$230,000
078468A	BNSF	Fulton	Table Grove	Laurel Street	Automatic Flashing Light Signals and Gates Install	\$230,000
261023B	WC	Grundy	Minooka	Ridge Road	Grade Separation: Reconstruct	\$7,250,000
603741D	CSX	Grundy	Minooka	Ridge Road	Cantilever Automatic Flashing Light Signals and Gates Upgrade	\$300,000
167579M	UP	Iroquois	Woodland	CR 1500N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$405,000
289001H	IC	Iroquois	Delray	1160N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$260,000
289012V	IC	Iroquois	Buckley	600N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$290,000
289016X	IC	Iroquois	Loda	300N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$270,000
353637S	CSX	Iroquois	Milford	1100N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$320,000
167608V	UP	Jefferson	Ina	E. Wheaton Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$290,000
534410A	NS	Kankakee	Union Hill	9000W	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$330,000
534419L	NS	Kankakee	Union Hill	17000W	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$265,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est.Total Cost
689726P	WC	Lake	Grayslake	Washington Street	Grade Separation: Construct	\$30,338,000
175742C	UP	Lee	Normandy	Van Petten Road	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$305,000
292743E	IC	Logan	Hartsburg	800th Avenue	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$280,000
154634X	CSX	Macon	Decatur	Ocean Trail Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$260,000
328028B	NS	Madison	Hartford	Canal Road	Automatic Flashing Light Signals and Gates Install	\$240,000
542215V	UP	Madison	Worden	Green Hedge Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$260,000
175477P	UP	Menard	Sweet Water	Shanghi Avenue	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$430,000
542162Y	UP	Montgomery	Schram City	Broadway Street	Automatic Flashing Light Signals and Gates Install	\$230,000
070047L	IR	Ogle	Holcomb	Flagg Road	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
004589T	BNSF	Peoria	Edelstein	Centerville Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$335,000
293200S	KCS	Pike	Pearl	Street 8	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$410,000
293211E	KCS	Pike	Nebo	Spring Creek Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$260,000
436230H	UP	Randolph	Chester	Water Street	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
436245X	UP	Randolph	Chester	Klondike Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$305,000
166867D	UP	Shelby	Pana	700E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$395,000
166868K	UP	Shelby	Pana	1475N	Close Crossing Construct Access Road	\$150,000
167866A	UP	Shelby	Shelbyville	875N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$330,000
Unknown	STATE	Statewide	Statewide	Multiple Locations	Emergency Projects Experimental Projects	\$3,300,000
445846F	UP	Union	Wolf Lake	Rumfelt Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$555,000
Multiple	Various	Various	Various	Multiple Streets	Crossing Surface: Reconstruct	\$4,000,000
346372A	EVWR	White	Carmi	Burrell Street	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
080042E	IR	Winnebago	Rockford	Airport Drive	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
289985W	CC	Winnebago	Rockford	River Road	Automatic Flashing Light Signals and Gates Upgrade	\$225,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est.Total Cost
290026A	CC	Winnebago	Rockford	8th Street	Automatic Flashing Light Signals and Gates Upgrade	\$225,000
290027G	CC	Winnebago	Rockford	7th Street	Cantilever Automatic Flashing Light Signals and Gates Upgrade	\$255,000
290028N	CC	Winnebago	Rockford	6th Street	Cantilever Automatic Flashing Light Signals and Gates Upgrade	\$245,000
290074P	CC	Winnebago	Rockford	Loomis Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$365,000
290083N	CC	Winnebago	Rockford	Pierpont Avenue	Cantilever Automatic Flashing Light Signals and Gates Upgrade	\$240,000
290086J	CC	Winnebago	Rockford	Centerville Road	Automatic Flashing Light Signals and Gates Upgrade	\$225,000
290093U	CC	Winnebago	Winnebago	Weldon Road	Automatic Flashing Light Signals and Gates Upgrade	\$280,000
290099K	CC	Winnebago	Winnebago	Westfield Road	Automatic Flashing Light Signals and Gates Upgrade	\$225,000
290100C	CC	Winnebago	Winnebago	Winnebago Road	Automatic Flashing Light Signals and Gates Upgrade	\$250,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
072427A	BNSF	Adams	Camp Point	2100E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$365,000
069140W	BNSF	Bond	Sorento	Ayers Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$300,000
069146M	BNSF	Bond	Smithboro	Ski Club Road	Automatic Flashing Light Signals and Gates Install	\$260,000
079714L	BNSF	Bureau	Neponset	550E	Automatic Flashing Light Signals and Gates Install	\$300,000
079724S	BNSF	Bureau	Neponset	100E	Automatic Flashing Light Signals and Gates Install	\$300,000
069893C	BNSF	Carroll	Chadwick	Mill Road	Grade Separation: Reconstruct	\$1,700,000
372400U	DME	Carroll	Lanark	Grange Road	Automatic Flashing Light Signals and Gates Install	\$270,000
166885B	UP	Champaign	Villa Grove	100N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$355,000
289058J	IC	Champaign	Thomasboro	2200N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$460,000
289099N	IC	Champaign	Tolono	500N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$365,000
479915G	NS	Champaign	Philo	1800E	Automatic Flashing Light Signals and Gates Install	\$300,000
480029V	NS	Christian	Harvel	Tulpin Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$465,000
542130T	UP	Christian	Rosamond	2100E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$335,000
069325D	BNSF	Clinton	Centralia	Sand Ridge Road	Automatic Flashing Light Signals and Gates Install	\$250,000
069344H	BNSF	Clinton	Centralia	Felton Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$325,000
292952M	IC	Coles	Mattoon	32nd Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$385,000
283138G	CSX	Cook	Chicago	63rd Street	Grade Separation: Vertical Clearance	\$2,100,000
326900U	IHB	Cook	Dixmoor	Thornton Road	Grade Separation: Reconstruct	\$10,735,000
326901B	IHB	Cook	Dixmoor	Thornton Road	Grade Separation: Construct	\$8,796,000
522459A	NS	Cook	Chicago	134th Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$290,000
N/A	IHB, CSX, NS	Cook	Burnham	Greenway Trail	Pedestrian Grade Separation: Construct	\$3,785,000
292471U	INRD	Crawford	Stoy	450E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$345,000
069760K	BNSF	De Kalb	Shabbona	Kane Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$380,000
069763F	BNSF	De Kalb	Shabbona	Indian Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$380,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
069768P	BNSF	De Kalb	Shabbona	Challand Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$370,000
175792F	UP	De Kalb	Shabbona	Chicago Road	Automatic Flashing Light Signals and Gates Install	\$280,000
175794U	UP	De Kalb	Shabbona	Rollo Road	Automatic Flashing Light Signals and Gates Install	\$280,000
175795B	UP	De Kalb	Shabbona	Suydam Road	Automatic Flashing Light Signals and Gates Install	\$280,000
289427D	IC	De Witt	De Witt	Power Road	Automatic Flashing Light Signals and Gates Upgrade	\$280,000
289453T	IC	De Witt	Clinton	Kleeman Road	Automatic Flashing Light Signals and Gates Install	\$260,000
154511L	CSX	Douglas	Newman	King Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$335,000
154524M	CSX	Douglas	Newman	City Line Road	Automatic Flashing Light Signals and Gates Install	\$250,000
154547U	CSX	Douglas	Camargo	1475E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$295,000
N/A	BNSF	Du Page	Clarendon Hills	near Prospect Avenue	Pedestrian Grade Separation: Construct	\$3,670,000
260557P	WC	Du Page	Aurora	North Aurora Road	Grade Separation: Reconstruct	\$32,200,000
167937U	UP	Effingham	Altamont	1800N	Automatic Flashing Light Signals and Gates Install	\$270,000
292650K	IC	Effingham	Dieterich	2000E	Automatic Flashing Light Signals and Gates Install	\$280,000
292662E	IC	Effingham	Teutopolis	1700N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$330,000
292665A	IC	Effingham	Effingham	1600E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$325,000
424039B	UP	Effingham	Altamont	Jackson Avenue	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$255,000
424042J	UP	Effingham	Altamont	1300N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$360,000
293709B	IC	Franklin	Benton	Eakingrove Church Road	Automatic Flashing Light Signals and Gates Install	\$240,000
294614W	KCS	Greene	White Hall	Cinderella Lane	Automatic Flashing Light Signals and Gates Install	\$260,000
294618Y	KCS	Greene	Roodhouse	Grand Avenue	Automatic Flashing Light Signals and Gates Install	\$260,000
294619F	KCS	Greene	Roodhouse	Briggs Street	Automatic Flashing Light Signals and Gates Install	\$260,000
004436P	BNSF	Grundy	Kinsman	Gonnam Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$490,000
603766Y	CSX	Grundy	Morris	Nettle School Road	Automatic Flashing Light Signals and Gates Install	\$300,000
065637X	BNSF	Henry	Lynn Center	McKillop Street	Automatic Flashing Light Signals and Gates Install	\$260,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
167219P	UP	Iroquois	Woodland	1100N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$450,000
167220J	UP	Iroquois	Woodland	2000E	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
167221R	UP	Iroquois	Woodland	1000N	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
288979P	IC	Iroquois	Danforth	2300E	Automatic Flashing Light Signals and Gates Install	\$270,000
288984L	IC	Iroquois	Danforth	2000E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$315,000
289014J	IC	Iroquois	Buckley	TR 609	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$320,000
801731T	TPW	Iroquois	Glisan	600E Road	Automatic Flashing Light Signals and Gates Install	\$300,000
167601X	UP	Jefferson	Bonnie	East Lang Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$360,000
167710B	UP	Jefferson	Mt. Vernon	Brownsville Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$370,000
167748X	UP	Jefferson	Mount Vernon	E. Idlewood Road	Cantilever Automatic Flashing Light Signals and Gates Upgrade	\$300,000
431022P	UP	Jefferson	Mt. Vernon	E. Freesia Road	Automatic Flashing Light Signals and Gates Install	\$270,000
431024D	UP	Jefferson	Mt. Vernon	E. Bakerville Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$310,000
724786U	NS	Jefferson	Dix/Rome	No. Old Centralia Lane	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$280,000
069922K	BNSF	Jo Daviess	Galena	River Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$320,000
306856E	CC	Jo Daviess	Nora	E. Canyon Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$305,000
306858T	CC	Jo Daviess	Nora	Oak Street	Automatic Flashing Light Signals and Gates Upgrade	\$325,000
306863P	CC	Jo Daviess	Warren	Winslow Road	Automatic Flashing Light Signals and Gates Upgrade	\$225,000
306865D	CC	Jo Daviess	Warren	Johnson Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$265,000
306867S	CC	Jo Daviess	Warren	Center Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$265,000
306872N	CC	Jo Daviess	Apple River	Canyon Park Road	Automatic Flashing Light Signals and Gates Upgrade	\$275,000
306877X	CC	Jo Daviess	Apple River	Chestnut Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$300,000
306886W	CC	Jo Daviess	Scales Mound	Watson Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$270,000
306890L	CC	Jo Daviess	Scales Mound	North Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$290,000
306896C	CC	Jo Daviess	Scales Mound	Council Hill Road	Automatic Flashing Light Signals and Gates Upgrade	\$250,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
306897J	CC	Jo Daviess	Scales Mound	Hill Road	Automatic Flashing Light Signals and Gates Upgrade	\$275,000
306904S	CC	Jo Daviess	Galena	Buckhill Road	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
306909B	CC	Jo Daviess	Galena	Bouthiller Street	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
306910V	CC	Jo Daviess	Galena	Water Street	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
306917T	BNSF	Jo Daviess	East Dubuque	Frentress Lake Road	Automatic Flashing Light Signals and Gates Upgrade	\$250,000
306918A	BNSF	Jo Daviess	East Dubuque	Frentress Lake Road	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$270,000
174498E	UP	Kane	Elgin	Lawrence Avenue	Automatic Flashing Light Signals and Gates Upgrade	\$260,000
288943G	IC	Kankakee	Kankakee	Brookmont Blvd	Grade Separation: Reconstruct Construction (1 of 2)	\$22,910,000
063049H	BNSF	Knox	Galesburg	100E	Automatic Flashing Light Signals and Gates Install	\$275,000
079208K	BNSF	Knox	Galesburg	100E	Automatic Flashing Light Signals and Gates Install	\$305,000
079766D	BNSF	Knox	Galva	1800E	Automatic Flashing Light Signals and Gates Install	\$400,000
175842G	UP	La Salle	Troy Grove	Vermillion Street	Automatic Flashing Light Signals and Gates Install	\$270,000
534500Y	NS	La Salle	Streator	Cross Street	Automatic Flashing Light Signals and Gates Install	\$280,000
N/A	WC	Lake	Mundelein	near Hawley Street	Pedestrian Grade Separation: Construct	\$3,600,000
152842S	CSX	Lawrence	Bridgeport	750E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$600,000
175159D	UP	Lee	Dixon	Harmon Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$330,000
175739U	UP	Lee	Normandy	Arch Road	Automatic Flashing Light Signals and Gates Install	\$250,000
534454A	NS	Livingston	Dwight	1900E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$340,000
292789T	IC	Logan	Mt. Pulaski	Chapel Road	Automatic Flashing Light Signals and Gates Upgrade	\$315,000
292817U	IC	Logan	Latham	300th Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$285,000
154635E	CSX	Macon	Decatur	Airport Road	Cantilever Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$565,000
154642P	CSX	Macon	Decatur	27th Street	Automatic Flashing Light Signals and Gates Upgrade	\$260,000
291241P	IC	Macon	Decatur	M.L.King Drive	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$670,000
292858Y	IC	Macon	Decatur	M.L.King Drive	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$330,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
292862N	IC	Macon	Decatur	Division Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$325,000
294511W	UP	Madison	Alton	Chessen Lane	Automatic Flashing Light Signals and Gates Install	\$310,000
328052C	NS	Madison	Madison	Grand Avenue	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$290,000
542252X	UP	Madison	Roxana	Poag Road	Automatic Flashing Light Signals and Gates Upgrade	\$280,000
546570X, 546569D	CSX	Madison	Collinsville	Lebanon Road and Lockmann Road	Grade Separation: Abolish Realign Roadway Grade Separation: Construct	\$16,575,000
546572L	CSX	Madison	Collinsville	Rolek Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$335,000
152930C	CSX	Marion	Iuka	Duis Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$420,000
152959A	CSX	Marion	Sandoval	Norton Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$510,000
167891H	UP	Marion	Kinmundy	Case Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$310,000
175669G	UP	Marshall	Camp Grove	800N/1150N	Automatic Flashing Light Signals and Gates Install	\$270,000
063781H	BNSF	McDonough	Macomb	E 1450th Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$340,000
387891P	WSOR	McHenry	Solon Mills	Kuhn Road	Automatic Flashing Light Signals and Gates Install	\$250,000
290952F	UP	McLean	Bloomington	Fox Creek Road	Grade Separation: Reconstruct	\$3,885,000
802013S	TPW	McLean	Meadows	N 2480E Road	Automatic Flashing Light Signals and Gates Install	\$280,000
166914U	IMRR	Menard	Petersburg	Clary Creek Avenue	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$360,000
072294K	BNSF	Montgomery	Litchfield	Sargent Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$365,000
542151L	UP	Montgomery	Witt	Ford Avenue	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$580,000
542152T	UP	Montgomery	Witt	Main Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$375,000
542160K	UP	Montgomery	Irving	Garold Trail	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$520,000
542168P	UP	Montgomery	Hillsboro	Miller Branch Trail	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$390,000
542169W	UP	Montgomery	Hillsboro	Red Bridge Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$500,000
175123V, N/A	UP	Ogle	Rochelle	First Avenue & Jack Dame Road	Close Crossing Grade Separation: Construct	\$18,200,000
094076P	BNSF	Peoria	Edwards	Kramm Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	280,000.00
801647K	KJRY	Peoria	Glasford	Kingston Mines Road	Automatic Flashing Light Signals and Gates Install	\$270,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
296155K	IC	Perry	Winkle	Morning Glory Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$440,000
430957D	UP	Perry	Tamaroa	Maple Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$355,000
430969X	UP	Perry	Tamaroa	Valier Carpet Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$310,000
479067H	NS	Piatt	Mansfield	1200E	Automatic Flashing Light Signals and Gates Install	\$290,000
479068P	NS	Piatt	Mansfield	2750N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$320,000
479106W	NS	Piatt	Bement	1100N	Automatic Flashing Light Signals and Gates Install	\$315,000
479956L	NS	Piatt	Ivesdale	1400E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$380,000
479958A	NS	Piatt	Ivesdale	1300E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$305,000
479962P	NS	Piatt	Bement	1100E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$470,000
479573J	NS	Pike	New Salem	2100N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$495,000
294782C	IC	Randolph	Sparta	Ridge Road	Automatic Flashing Light Signals and Gates Install	\$270,000
431109F	UP	Randolph	Chester	County Farm Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$280,000
431145B	UP	Randolph	Steeleville	Substation Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$470,000
065685M	BNSF	Rock Island	Joslin	1st Avenue N.	Automatic Flashing Light Signals and Gates Upgrade	\$280,000
069600W	BNSF	Rock Island	Rock Island	20th Street	Automatic Flashing Light Signals and Gates Upgrade	\$260,000
069601D	BNSF	Rock Island	Rock Island	19th Street	Automatic Flashing Light Signals and Gates Upgrade	\$260,000
294328R	UP	Sangamon	Chatham	Woodside Road	Grade Separation: Construct	\$38,510,000
479284H	NS	Sangamon	Buffalo	TR 619	Automatic Flashing Light Signals and Gates Install	\$270,000
479291T	NS	Sangamon	Dawson	Scully Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$275,000
479340M	NS	Sangamon	Springfield	Ash Street	Grade Separation: Construct	\$20,000,000
479447P	NS	Scott	Naples	Butterfly Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$430,000
166861M	UP	Shelby	Pana	1100E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$285,000
167280T	UP	Shelby	Findlay	2250N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$560,000
167859P	UP	Shelby	Shelbyville	600N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$440,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
167870P	UP	Shelby	Shelbyville	2100E	Automatic Flashing Light Signals and Gates Install	\$325,000
296038P	IC	St. Clair	Belleville	North 20th Street	Automatic Flashing Light Signals and Gates Upgrade	\$260,000
296070H	IC	St. Clair	Belleville	Old Freeburg Road	Automatic Flashing Light Signals and Gates Upgrade	\$280,000
296077F	IC	St. Clair	Freeburg	Old Freeburg Road	Automatic Flashing Light Signals and Gates Upgrade	\$315,000
296103T	IC	St. Clair	New Athens	Black Quarter Road	Automatic Flashing Light Signals and Gates Install	\$270,000
328064W	NS	St. Clair	Brooklyn	Canal Street	Automatic Flashing Light Signals and Gates Install	\$300,000
724549H	NS	St. Clair	East St. Louis	Broadway Avenue	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$405,000
724610J	NS	St. Clair	Belleville	Machine Shop Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$420,000
803103U	TRRA	St. Clair	East St. Louis	Ridge Avenue	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$370,000
803113A	TRRA	St. Clair	East St. Louis	Market Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$290,000
Unknown	STATE	Statewide	Statewide	Multiple Locations	Emergency Projects Experimental Projects	\$3,300,000
Unknown	STATE	Statewide	Statewide	Multiple Locations	Emergency Projects Experimental Projects	\$3,300,000
Unknown	STATE	Statewide	Statewide	Multiple Locations	Emergency Projects Experimental Projects	\$3,300,000
Unknown	STATE	Statewide	Statewide	Multiple Locations	Emergency Projects Experimental Projects	\$3,300,000
290129A	CC	Stephenson	Freeport	S. Farwell Bridge Road	Automatic Flashing Light Signals and Gates Upgrade	\$240,000
290133P	CC	Stephenson	Freeport	Holland Church Road	Automatic Flashing Light Signals and Gates Upgrade	\$240,000
290148E	CC	Stephenson	Freeport	Springfield Road	Automatic Flashing Light Signals and Gates Upgrade	\$240,000
306823S	CC	Stephenson	Freeport	Harlem Center Road	Automatic Flashing Light Signals and Gates Upgrade	\$240,000
306831J	CC	Stephenson	Lena	Bridge Street	Automatic Flashing Light Signals and Gates Upgrade	\$265,000
306846Y	CC	Stephenson	Lena	Five Corners Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$315,000
306848M	CC	Stephenson	Lena	Crossroads Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$270,000
306850N	CC	Stephenson	Lena	Waddams Grove Road	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$360,000
306851V	CC	Stephenson	Lena	W. Galena Road	Automatic Flashing Light Signals and Gates Upgrade	\$240,000
306852C	CC	Stephenson	Lena	N. Baker Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$295,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
292679H	IC	Tazewell	Pekin	Koch Street	Automatic Flashing Light Signals and Gates Upgrade	\$260,000
475130J	NS	Tazewell	East Peoria	Carver Lane	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$320,000
801780P	TPW	Tazewell	East Peoria	Farmdale Road	Automatic Flashing Light Signals and Gates Upgrade	\$280,000
299021W	IC	Union	Cobden	Pinetree Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$650,000
299023K	IC	Union	Cobden	Anna Nursery Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$560,000
Multiple	Various	Various	Various	Multiple Locations	Crossing Surface: Reconstruct	\$4,000,000
Multiple	Various	Various	Various	Multiple Locations	Crossing Surface: Reconstruct	\$4,000,000
Multiple	Various	Various	Various	Multiple Locations	Crossing Surface: Reconstruct	\$4,000,000
Multiple	Various	Various	Various	Multiple Locations	Crossing Surface: Reconstruct	\$4,000,000
166938X	UP	Vermilion	Rankin	2900N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$375,000
166939E	UP	Vermilion	Rankin	3000N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$330,000
166941F	UP	Vermilion	Rankin	3200N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$355,000
166944B	UP	Vermilion	Rankin	370E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$285,000
166950E	UP	Vermilion	Rankin	3850N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$355,000
166951L	UP	Vermilion	Rankin	3900N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$325,000
353715W	CSX	Vermilion	Danville	Griffin Street	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$410,000
479883D	NS	Vermilion	Fairmont	750E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$590,000
479884K	NS	Vermilion	Fairmont	680E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$530,000
724825H	NS	Wabash	Bellmont	200E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$335,000
724750L	NS	Wayne	Keenes	000E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$315,000
346374N	EVWR	White	Carmi	900E	Automatic Flashing Light Signals and Gates Install	\$280,000
072494U	BNSF	Williamson	Herrin	Bandyville Road	Automatic Flashing Light Signals and Gates Upgrade	\$280,000
167644R	UP	Williamson	Johnston City	Binkley Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$285,000
167645X	UP	Williamson	Johnston City	New Virginia Road	Automatic Flashing Light Signals and Gates Install	\$260,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
167812U	UP	Williamson	Johnston City	Union Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$505,000
296629T	IC	Williamson	Pittsburg	Whipporwill Road	Automatic Flashing Light Signals and Gates Install	\$260,000
290104E	CC	Winnebago	Winnebago	Osborne Road	Automatic Flashing Light Signals and Gates Upgrade	\$240,000
290106T	CC	Winnebago	Winnebago	Kendall Road	Automatic Flashing Light Signals and Gates Install	\$240,000
290108G	CC	Winnebago	Winnebago	Hoisington Road	Automatic Flashing Light Signals and Gates Upgrade	\$340,000
290117F	CC	Winnebago	Winnebago	Markham Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$290,000
290120N	CC	Winnebago	Winnebago	Spielman Road	Automatic Flashing Light Signals and Gates Upgrade	\$240,000
290123J	CC	Winnebago	Freeport	Klinger Road	Automatic Flashing Light Signals and Gates Upgrade	\$295,000
475097L	NS	Woodford	Goodfield	Harrison Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$315,000
475099A	NS	Woodford	Goodfield	Birkey Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$300,000

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	GCPF Amount
072405A	BNSF	Adams	Quincy	Cannonball Trail	Grade Separation: Reconstruct	\$1,084,483
072428G	BNSF	Adams	Camp Point	2200E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$482,443
072621T	BNSF	Adams	Camp Point	2000N	Automatic Flashing Light Signals and Gates Install	\$211,747
175688L	UP	Bureau	Buda	900N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$291,705
372398V	DME	Carroll	Lanark	Gold Mine Road	Automatic Flashing Light Signals and Gates Install	\$239,811
372403P	DME	Carroll	Lanark	Maple Grove Road	Automatic Flashing Light Signals and Gates Install	\$203,841
546327H	CSX	Clark	Marshall	Fern Lake Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$645,689
546328P	CSX	Clark	Marshall	Clear Creek Road	Automatic Flashing Light Signals and Gates Install	\$239,476
546335A	CSX	Clark	Marshall	Kibler Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$371,242
163445A	CSX	Cook	Chicago	79th Street at Leavitt	Grade Separation: Vertical Clearance	\$1,818,252
163462R	CSX	Cook	Chicago	35th Street at 2500W	Grade Separation: Vertical Clearance	\$1,495,714
326829M, 283128B	CTA, IHB, GTW	Cook	Chicago	Kedzie Avenue (4900 So.)	Grade Separation: Vertical Clearance	\$2,000,287
843811C	BRC	Cook	Chicago	Marquette Road	Automatic Flashing Light Signals and 4-Quadrant Gates with Pedestrian Gates Crossing Surface Renewal	\$903,936
Multiple	UP	Cook	Chicago	8 crossings	Modification of Track Circuits	\$2,370,035
167007L	UP	Douglas	Villa Grove	1450E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$240,220
167008T	UP	Douglas	Villa Grove	1250N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$233,336
174954C	UP	DuPage	Wheaton	Chase Street	Close Crossing Pedestrian Grade Separation: Construct	\$1,814,728
260544N	WC	DuPage	West Chicago	George Street	Construct Pedestrian Grade Separation	\$484,416
289890N	CC	DuPage	Carol Stream	Gary Avenue	Install Interconnect circuitry Modify track circuits	\$17,023
700184O	UP	DuPage	Lombard	Lombard Pedestrian Underpass	Pedestrian Grade Separation: Construct	\$750,000
546460M	CSX	Effingham	Altamont	Conner Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$402,060
546461U	CSX	Effingham	Altamont	Berkheimer Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$402,060

Note: GCPF Amount approved by Commission is shown for each project.

DOT#	RR	County	City	Location	Description of Improvement	GCPF Amount
546462B	CSX	Effingham	Altamont	Barlow Road	Crossing Surface: Reconstruct	\$27,614
289368D	IC	Ford	Gibson City	300N	Automatic Flashing Light Signals and Gates Install	\$324,710
294051W	KCS	Greene	Roodhouse	2700N	Automatic Flashing Light Signals and Gates Install	\$256,500
072617D	BNSF	Hancock	Augusta	370N	Automatic Flashing Light Signals and Gates Install	\$437,288
801520W	KJRY	Hancock	La Harpe	Fountain Creek Road	Crossing Surface: Reconstruct	\$43,052
079750G	BNSF	Henry	Galva	2150E Road	Automatic Flashing Light Signals and Gates Install	\$561,007
079765W	BNSF	Henry	Galva	E 1850th Road	Grade Separation: Reconstruct	\$1,100,000
606957U	IAIS	Henry	Geneseo	1700E	Automatic Flashing Light Signals and Gates Install	\$144,809
288985T	IC	Iroquois	Gilman	6th Street	Automatic Flashing Light Signals and Gates Renew Reconstruct Approaches	\$204,760
288986A	IC	Iroquois	Gilman	3rd Street	Automatic Flashing Light Signals and Gates Renew Reconstruct Approaches	\$204,760
288987G	IC	Iroquois	Gilman	2nd Street	Automatic Flashing Light Signals and Gates Renew Reconstruct Approaches	\$204,760
288989V	IC	Iroquois	Gilman	B Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$1,234,080
353649L	CSX	Iroquois	Wellington	600N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$236,825
295151E	IC	Jefferson	Stratton	East Stratton Road	Grade Separation: Abolish Construct Access Road	\$130,500
069921D	BNSF	Jo Daviess	Galena	River Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$258,298
306881M	CC	Jo Daviess	Apple River	Hodgin Road	Automatic Flashing Light Signals and Gates Install	\$212,325
175006A	UP	Kane	Elburn	Pouley Road	Close Crossing	\$70,000
N/A	UP	Kane	Elburn	Anderson Road	Grade Separation: Construct	\$7,095,751
534412N	NS	Kankakee	Union Hill	1100S	Automatic Flashing Light Signals and Gates Install	\$176,512
079574L	BNSF	Kendall	Montgomery	Light Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$527,071
004639U	BNSF	Knox	East Galesburg	1250E	Grade Separation: Reconstruct	\$1,908,000
004647L	BNSF	Knox	Galesburg	Soangetaha Road	Grade Separation: Reconstruct	\$2,490,480

Note: GCPF Amount approved by Commission is shown for each project.

DOT#	RR	County	City	Location	Description of Improvement	GCPF Amount
004651B	BNSF	Knox	Galesburg	Whitesboro Street	Modification of Track Circuits	\$124,902
004652H	BNSF	Knox	Galesburg	Lincoln Street	Modification of Track Circuits	\$0
004653P	BNSF	Knox	Galesburg	N. Pearl Street	Close Crossing	\$70,000
004655D	BNSF	Knox	Galesburg	N. Chambers Street	Modification of Track Circuits	\$119,285
004656K	BNSF	Knox	Galesburg	Seminary Street	Grade Separation: Construct	\$8,382,000
004657S	BNSF	Knox	Galesburg	North Street	Close Crossing	\$70,000
004658Y	BNSF	Knox	Galesburg	N. Kellogg Street	Close Crossing	\$70,000
004659F	BNSF	Knox	Galesburg	N. Prairie Street	Modification of Track Circuits	\$115,189
004660A	BNSF	Knox	Galesburg	N. Cherry Street	Close Crossing	\$70,000
004661G	BNSF	Knox	Galesburg	N. Broad Street	Modification of Track Circuits	\$226,962
004662N	BNSF	Knox	Galesburg	N. West Street	Close Crossing	\$70,000
004663V	BNSF	Knox	Galesburg	N. Academy Street	Modification of Track Circuits	\$112,364
004665J	BNSF	Knox	Galesburg	S. Henderson Street	Modification of Track Circuits	\$201,870
062980G	BNSF	Knox	Galesburg	N. Pearl Street	Close Crossing	\$60,000
062982V	BNSF	Knox	Galesburg	Mulberry Street	Close Crossing	\$70,000
072647V	BNSF	Knox	Galesburg	800N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$255,425
603827M	IAIS	La Salle	Peru	Plain Street	Crossing Surface: Reconstruct	\$33,994
689728D	WC	Lake	Round Lake Beach	Rollins Road	Grade Separation: Construct	\$12,000,000
176824M	UP	Lake	Highland Park	West Park Avenue	Upgrade Warning Devices - Pedestrian Gates	\$51,596
176826B	UP	Lake	Highland Park	Old Deerfield Road	Upgrade Warning Devices - Pedestrian Gates	\$48,780
176827H	UP	Lake	Highland Park	Clavey Road	Upgrade Warning Devices - Pedestrian Gates	\$28,338
004453F	BNSF	LaSalle	Kinsman	LaSalle Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$486,317

Note: GCPF Amount approved by Commission is shown for each project.

DOT#	RR	County	City	Location	Description of Improvement	GCPF Amount
289480P	IC	Logan	Mt. Pulaski	2000 Avenue	Automatic Flashing Light Signals and Gates Install	\$273,600
Multiple	UP	Macoupin	Various	15 crossings	High Speed Rail Crossing Improvements	\$6,145,492
294453D, 327949G	UP, NS	Madison	Wood River	Evans Street	Close Crossing	\$140,000
846973P	ALS	Madison	Granite City	Morrison Road	Close Crossing Construct Access Road	\$175,000
N/A	CSX	Madison	Highland	Iberg Road Extension	Grade Separation: Construct	\$3,568,595
167894D	UP	Marion	Kinmundy	Shanghai Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$342,751
480031W	NS	Montgomery	Harvel	24th Avenue	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$295,341
542136J	UP	Montgomery	Ohlman	E 26th Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$360,961
293931X	KCS	Morgan	South Jacksonville	New Lake Road	Automatic Flashing Light Signals and Gates Upgrade	\$220,500
293933L	KCS	Morgan	Woodson	Brogdon Road	Automatic Flashing Light Signals and Gates Upgrade	\$220,500
293938V	KCS	Morgan	Woodson	Woodson/Franklin Road	Automatic Flashing Light Signals and Gates Upgrade	\$220,500
294033Y	KCS	Morgan	Murrayville	Nortonville Road	Automatic Flashing Light Signals and Gates Install	\$223,650
294034F	KCS	Morgan	Murrayville	McDonald Street	Automatic Flashing Light Signals and Gates Install	\$224,550
294036U	KCS	Morgan	Murrayville	Main Street	Automatic Flashing Light Signals and Gates Install	\$225,900
167050S	UP	Moultrie	Sullivan	1800N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$294,754
167051Y	UP	Moultrie	Sullivan	1400E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$512,955
167052F	UP	Moultrie	Sullivan	1750N	Close Crossing	\$50,000
167257Y	UP	Moultrie	Sullivan	1600N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$326,045
079578N, 079579V, 080105G, 079530L	BNSF	Multiple	Various	4 crossings	Crossing Surface: Reconstruct	\$306,397
169803C, 169935M	IMRR	Multiple	Pekin & Athens	Winter Street & Main Street	Crossing Surface: Reconstruct	\$58,888
534398V, 534490V, 534522Y	NS	Multiple	Various	3 crossings	Crossing Surface: Reconstruct	\$173,671
372324D	DME	Ogle	Monroe Center	Bennett Road	Automatic Flashing Light Signals and Gates Install	\$200,656

Note: GCPF Amount approved by Commission is shown for each project.

DOT#	RR	County	City	Location	Description of Improvement	GCPF Amount
372331N	DME	Ogle	Davis Junction	Royster Road	Automatic Flashing Light Signals and Gates Install	\$200,657
479622D	NS	Pike	Hull	Walnut Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$332,701
479625Y	NS	Pike	Hull	170th Street	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$345,671
169953K	IMRR	Sangamon	Springfield	Taintor Road	Automatic Flashing Light Signals and Gates Install Crossing Surface(s) Reconstruct Approaches	\$97,750
294342L	UP	Sangamon	Auburn	Narmont Road	Close Crossing Construct Access Road	\$307,200
479324D	NS	Sangamon	Springfield	Carpenter Street	Grade Separation: Construct	\$4,939,200
Multiple	UP	Sangamon	Various	8 crossings	High Speed Rail Crossing Improvements	\$3,156,153
166982K	UP	Shelby	Findlay	1950N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$375,390
166992R	UP	Shelby	Westevelt	1950N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$504,203
167854F	UP	Shelby	Mode	350N	Automatic Flashing Light Signals and Gates Install	\$217,418
153043R	CSX	St. Clair	O'Fallon	Venita Drive	Grade Separation: Construct	\$4,095,941
175683C	UP	Stark	Buda	1700N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$205,128
175684J	UP	Stark	Buda	600N	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$229,750
290142N	CC	Stephenson	Freeport	Cherry Hill Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$206,188
475125M	NS	Tazewell	East Peoria	Farmdale Road	Close Crossing Construct Access Road	\$724,244
445832X	UP	Union	Mill Creek	Davis Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$366,699
484412Y, 353713H	NS, CSX	Vermilion	Danville	Fairchild Avenue	Grade Separation: Reconstruct	\$12,000,000
724714R	NS	Wayne	Fairfield	2150E Road	Automatic Flashing Light Signals and Gates Install	\$189,005
069386U	BNSF	Whiteside	Fenton	Rock Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$278,061
261006K	WC	Will	Joliet	Caton Farm Road	Cantilever Automatic Flashing Light Signals and Gates Upgrade	\$328,554
261012N	WC	Will	Shorewood	West Beith Road	Automatic Flashing Light Signals and Gates Upgrade	\$167,906
289680Y	IC	Will	University Park	Stuenkel Road	Cantilever Automatic Flashing Light Signals and Gates Widen Crossing Surface(s)	\$197,862

Note: GCPF Amount approved by Commission is shown for each project.

DOT#	RR	County	City	Location	Description of Improvement	GCPF Amount
068972K	BNSF	Williamson	Marion	Skyline Drive	Crossing Surface: Reconstruct	\$70,123
068979H	BNSF	Williamson	Marion	Limb Branch Road	Grade Separation: Reconstruct	\$318,397
174658R	UP	Winnebago	Cherry Valley	Perryville Road	Grade Separation: Reconstruct	\$1,396,320

Note: GCPF Amount approved by Commission is shown for each project.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
078679W	BNSF	Cass	Beardstown	Stock Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$304,863
289054G	IC	Champaign	Thomasboro	2400N	Additional GCPF	\$24,613
N/A	IC	Champaign	Champaign	Olympian Drive	Grade Separation: Construct	\$15,738,850
479237A	NS	Christian	Stonington	1700E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$368,780
480022X	NS	Christian	Morrisonville	300E	Automatic Flashing Light Signals and Gates Install	\$230,000
480023E	NS	Christian	Morrisonville	300N	Automatic Flashing Light Signals and Gates Install	\$330,000
169979M, 170013T	IMRR	Christian & Sangamon	Kincaid & Pawnee	Jeiseyville Road & Cottonhill Road	Crossing Surface: Reconstruct	\$78,232
152893C	CSX	Clay	Clay City	Heather Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$340,000
152895R	CSX	Clay	Clay City	Dewberry Road	Automatic Flashing Light Signals and Gates Install	\$260,000
174010L	UP	Cook	Bellwood / Melrose Pk	25th Street	Grade Separation: Construct	\$44,000,000
292463C, 292525X	INRD	Crawford	Oblong & Robinson	S. Adams Street & S. Cross Road	Crossing Surface: Reconstruct	\$132,059
154543S	CSX	Douglas	Camargo	Vine Street	Automatic Flashing Light Signals and Gates Install	\$240,000
154544Y	CSX	Douglas	Camargo	White Oak Street	Automatic Flashing Light Signals and Gates Install	\$240,000
293706F	IC	Franklin	Buckner	Mine Road	Additional GCPF	\$8,339
606976Y	IAIS	Henry	Colona	Broadway Street	Automatic Flashing Light Signals and Gates Install	\$250,000
288991W	IC	Iroquois	Gilman	1600N	Additional GCPF	\$14,253
289306F	IC	Iroquois	Thawville	200E	Additional GCPF	\$6,714
295063U, 299046S	IC	Jackson & Pulaski	Dowell & Ullin	Union Avenue & Jefferson Street	Crossing Surface: Reconstruct	\$124,392
069225Y	BNSF	Jefferson	Woodlawn	Burbank Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$330,000
724751T	NS	Jefferson	Bluford	Dove Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$320,000
306904S, 306910V	CC	Jo Daviess	Galena	Buckhill Road & Water Street	Crossing Surface: Reconstruct	\$130,072
372270A, 372374G	DME	Kane & Ogle	Hampshire, Adeline	East Street & Adeline Road	Crossing Surface: Reconstruct	\$140,207
288936W	IC	Kankakee	Bourbonnais	Larry Power Road	Crossing Surface: Reconstruct	\$122,227

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
534364B	NS	Kankakee	Momence	Market Street	Automatic Flashing Light Signals and Gates Install	\$230,000
065084D	IR	La Salle	Wedron	E 2153rd Road	Automatic Flashing Light Signals and Gates Upgrade	\$290,000
152828W	CSX	Lawrence	Lawrenceville	1760E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$465,000
292764X	IC	Logan	Lincoln	Nicholson Street	Additional GCPF	\$7,766
292766L	IC	Logan	Lincoln	Logan Street	Additional GCPF	\$6,306
295543F, 292787E	IC	Logan	Lake Fork & Mt. Pulaski	Prime Road & 800th Street	Crossing Surface: Reconstruct	\$124,035
295451T	DT	Macon	Macon	Eckhart Street	Crossing Surface: Reconstruct	\$60,383
328524W	NS	Macon	Decatur	32nd Street	Close Crossing	\$97,500
292873B, 292941A	IC	Macon & Coles	Mt. Zion & Mattoon	Main Street & 000E	Crossing Surface: Reconstruct	\$140,828
480072B	NS	Macoupin	Mt. Olive	St. Johns Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$255,000
846968T	ALS	Madison	Granite City	Cargill Road	Automatic Flashing Light Signals and Gates Upgrade Reconstruct Approaches	\$225,000
327956S, 328030C, 724577L	NS	Madison & St. Clair	Roxana, Hartford, Belleville	Old Edwardsville Road, New Poag Road, S 52nd Street	Crossing Surface: Reconstruct	\$212,853
152935L	CSX	Marion	Salem	Peach Tree Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$375,000
063784D	BNSF	McDonough	Bardolph	1700E	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$350,000
802014Y, 801902S	TPW	McLean & Woodford	Meadows & Eureka	Center Street & Callender Street	Crossing Surface: Reconstruct	\$77,106
480069T	NS	Montgomery	Litchfield	Grosenheider Lane	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$250,000
292887J	IC	Moultrie	Dalton City	100E	Close Crossing	\$72,500
167521E, 167580G, 174417C, 174481B	UP	Multiple	Various	4 crossings	Crossing Surface: Reconstruct	\$712,273
004412B, 069705K, 065641M, 098428G, 004382L	BNSF	Multiple	Various	5 crossings	Crossing Surface: Reconstruct	\$664,498
372334J	DME	Ogle	Davis Junction	Blackwood Road	Automatic Flashing Light Signals and Gates Install Reconstruct Approaches	\$380,000
N/A	UP	Sangamon	Williamsville	South Oak Street	Grade Separation: Construct	\$9,441,000
289167M	IC	Shelby	Sigel	South 4th Street	Additional GCPF	\$16,816

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.

DOT#	RR	County	City	Location	Description of Improvement	Est. Total Cost
296094W	IC	St. Clair	Freeburg	Press Road	Additional GCPF	\$2,631
Multiple	UP	Various	Various	Multiple Locations	High Speed Rail Crossing Improvements	\$5,555,000
724836V	NS	Wabash	Mt. Carmel	1250N	Close Crossing	\$77,500
295014X, 295015E	IC	Washington	Ashley	Jefferson Street and Jackson Street	Crossing Surface: Reconstruct	\$124,534
261017X, 260799K	WC	Will	Minooka & Crest Hill	County Line Road & Oakland Avenue	Crossing Surface: Reconstruct	\$183,781
080058B	CC	Winnebago	Rockford	Morgan Street	Additional GCPF	\$463,699
290095H	CC	Winnebago	Winnebago	Falconer Road	Additional GCPF	\$3,341

Note: Total Estimated Costs are shown, since Commission approval has not yet been granted for these projects.