

FISCAL YEAR 2009 HIGHWAY IMPROVEMENT PROGRAM

The Fiscal Year 2009 Highway Improvement Program provides \$1.950 billion of the \$10.875 billion included in the FY 2009-2014 Proposed Highway Improvement Program.

The FY 2009 program will be financed by an estimated \$1.251 billion of federal funds, \$566 million of state funds and \$133 million of local funds. Nearly \$1.344 billion is for projects on the state highway system and \$606 million is for projects on local streets and highway systems.

A total of 897 miles of highways and 278 bridges will be improved or constructed through the FY 2009 program. Safety and traffic improvements at 123 locations are scheduled.

Category	<i>Spot</i>				
	<i>\$ Millions</i>	<i>Miles</i>	<i>Structures</i>	<i>Intersections</i>	<i>Improvements</i>
Interstate	309.2	84	20		2
Major Construction	167.7	12	4	9	1
Resurfacing	251.8	478		5	
Bridge Work	261.7	2	121		1
Selected Principal Arterial Corridors	50.7		4	1	
Traffic & Safety Improvements	87.4			85	
Statewide and Various Projects	215.5	50		1	
Local Projects	555.2	271	129	17	1
Local Benefit Grants	50.8				
Total	1,950.0	897	278	118	5

State Program

The FY 2009 Highway Improvement Program includes \$1.344 billion for improvements on the state highway system. This investment will allow for 626 miles of roadway to be improved or added to the existing highway system along with 149 bridge improvements and 105 intersection and spot improvements.

The department's first priority is to maintain and rehabilitate the system of roads and bridges under state jurisdiction. This will be accomplished by allocating nearly 77 percent of funds to projects that improve the overall condition of Illinois roads and bridges.

The FY 2009 State Program focuses on four vital elements at a total cost of \$1.344 billion for the state highway system with roadway safety as an overarching goal.

These vital elements are:

- System Maintenance, including reconstruction, resurfacing/widening, and safety projects (51 percent),
- Bridge Maintenance, including bridge replacement and rehabilitation projects, and minor structure repairs (26 percent),
- Congestion Mitigation, including major projects that reduce traffic congestion in urban areas, and other improvements that improve traffic flow (18 percent), and
- System Expansion, including new roads and other improvements that increase access and promote economic development (5 percent).

The table below reflects these four vital elements:

Category	<i>Spot</i>				
	<i>\$ Millions</i>	<i>Miles</i>	<i>Structures</i>	<i>Intersections</i>	<i>Improvements</i>
System Maintenance	686.0	612	3	76	1
Bridge Maintenance	345.5	2	137		2
Congestion Mitigation	246.3	11	3	24	1
System Expansion	66.2	1	6	1	

Interstate

The Interstate System in Illinois is the third most extensive in the nation at 1,884 miles and was completed during 1988. The earliest constructed interstate segments in Illinois are more than 52 years old and require significant investment to maintain.

The FY 2009 interstate program provides \$309.2 million of improvements to 84 miles of the interstate highway system using federal and state funding. Included in the interstate work are 20 bridge improvements and two spot improvements.

Significant interstate projects programmed in FY 2009 include:

- reconstruction of 2.37 miles on Interstate 80 from the Mississippi River to 0.8 mile north of Illinois 5/92 at a cost of \$18.5 million,
- resurfacing of 9.55 miles including a new bridge deck, and bridge repair on Interstate 80 from Henry County line to east of Illinois 40 at a cost of \$13.1 million,
- resurfacing and patching of 10.48 miles on Interstate 57 from Coles County line to 0.3 mile north of US 36 at a cost of \$12.9 million,
- resurfacing and thin concrete overlay of 4.06 miles and safety improvements on Interstate 72 in Macon County near the Piatt County line at a cost of \$6.7 million,
- resurfacing and patching of 7.2 miles including bridge repair, bridge deck overlay and bridge deck repairs on Interstate 64 from 0.5 miles west of Illinois 4 to 0.3 miles east of Clinton County line at a cost of \$18 million,
- rubblization of 8.68 miles on Interstate 57 from north of Illinois 14 to Jefferson County line at a cost of \$12.3 million,
- interchange reconstruction including the addition of auxiliary lanes, lighting, retaining wall, bridge replacement, utility adjustment and construction engineering on Interstate 55 at Illinois 59 (Cottage Street) in Shorewood at a cost of \$26.7 million,
- bridge replacement on Interstate 80 at Spring Creek 1.7 mile east of Illinois 89 in Dalzell at a cost of \$5.2 million,
- bridge replacement on Interstate 57 at the Missouri Pacific Railroad 0.1 mile south of south city limits of West City at a cost of \$6.9 million,
- interchange reconstruction, including bridge replacement, lighting and construction engineering on Interstate 57 at Manhattan-Monee Road in Monee at a cost of \$11.5 million.

Major Construction

The major construction category includes improvements that address traffic congestion and include high-cost projects. These types of improvements include items such as relocation, new construction, additional lanes, reconstruction and new location projects. The FY 2009 Highway Improvement Program includes twelve miles of roadway to be improved or added to the existing highway system with four bridge improvements and 10 intersection and spot improvements. The major construction improvements total \$167.7 million.

Major construction projects programmed in FY 2009 include:

- bridge replacement on US 41 at Illinois 132 (Grand Avenue) in Gurnee including interchange reconstruction, lighting, retaining wall, utility adjustment, beam fabrication and construction engineering at a cost of \$31.8 million,
- widening and resurfacing including a new storm sewer, curb and gutter, new shoulders, vertical realignment and a bi-directional left turn lane on Illinois 78 1.98 miles from the north city limits of Canton to Big Creek Park Road in Canton at a cost of \$7.5 million,
- grading and paving of 0.74 mile at the New Mississippi River Bridge in St. Louis at a cost of \$5.4 million,
- reconstruction of 1.50 mile including turning lanes, retaining wall, culvert replacement, culvert repair and utility adjustment on Illinois 2 at 0.8 mile south of Mudd Creek Road to Fair Street in Oregon at a cost of \$7.6 million,
- resurfacing of 1.15 mile including turning lanes, intersection reconstruction, land acquisition, and construction engineering on Illinois 8 from east of Sunrise Avenue to Summit Drive in East Peoria at a cost of \$9.8 million.

Resurfacing

The resurfacing included in the FY 2009 Highway Improvement Program totals \$251.8 million and improves 478 miles statewide along with five intersection improvements. This category includes improvements such as urban and rural resurfacing, widening and resurfacing and surface maintenance.

Major resurfacing projects programmed in FY 2009 include:

- resurfacing of 5.33 miles on Illinois 4 (Veterans Parkway) from 0.2 mile north of Greenbriar Drive to 0.1 mile north of Mansion Road in Springfield at a cost of \$7.5 million,
- resurfacing and widening and resurfacing of 4.89 miles including left turn lanes and land acquisition on Illinois 158 from Illinois 3 structure at Columbia to M&O Station Road at a cost of \$11.3 million,
- resurfacing of 9.35 miles on Illinois 33 from 1 miles west of Oblong to west city limits of Robinson at a cost of \$9.3 million,
- widening and resurfacing of 5.41 miles including intersection reconstruction, culvert extension, utility adjustment, land acquisition and construction engineering on Illinois 116 from Illinois 94 to east of Media at a cost of \$9.8 million,
- widening and resurfacing of 12.75 miles including shoulder reconstruction and utility adjustment on Illinois 147 from Illinois 146 to Illinois 145 in Simpson at a cost of \$11.8 million,
- resurfacing of 6.42 miles on US 12/20 (95th Street) from Interstate 294 (Tri-State Tollway) to Western Avenue in Chicago Ridge, Oak Lawn and Bridgeview at a cost of \$6.6 million,
- resurfacing of 4.6 miles on US 20 from Little Menominee River to 0.2 mile west of Illinois 84 (North) in Menominee at a cost of \$4.5 million.

Bridge Work

The bridge category includes new bridges, bridge replacement, bridge rehabilitation and bridge repair. One hundred twenty-one stand-alone bridges are programmed for bridge replacement, rehabilitation or new construction totaling \$261.7 million in the FY 2009 Highway Improvement Program.

To correct certain specific deficiencies on bridges statewide, an emphasis has been put on bridge beam replacements. \$21.8 million is scheduled for bridge beam replacement and bridge painting.

In addition to the \$261.7 million of bridge improvements, Congress has provided an additional obligation limitation specifically for the federal Highway Bridge Program. This will allow the department to fund additional bridge projects that may have not been planned in the near future because of funding constraints. The department has received \$35 million in additional state appropriation for funding these bridge projects.

Significant bridge projects programmed in FY 2009 include:

- bridge replacements and new bridges of five structures including railroad relocation, utility adjustment and land acquisition on US 6 (159th Street) from Lexington Avenue to Fisk Avenue in Markham and Harvey at a cost of \$46.8 million,
- bridge new deck and superstructures of three structures on 31st Street over MJ&CWI Railroad and Kilbourn Avenue 0.3 mile east of Illinois 50 (Cicero Avenue) in Chicago and Cicero at a cost of \$6.3 million,
- bridge replacement of one structure including bridge approach roadway, culvert replacement and extension on 12 structures on Illinois 75 from 0.1 mile west of Rock City Road in Rock City to 1.3 mile east of Illinois 70 south of Durand at a cost of \$2.5 million,
- bridge replacement of one structure on Illinois 47 at Johnny Run at south edge of Mazon at a cost of \$2.1 million,
- bridge rehabilitation of two structures including bridge approach roadway on US 34 over US 150 at north city limits of Galesburg at a cost of \$5.4 million,
- bridge replacement of one structure including vertical realignment on US 150 over Kickapoo Creek northwest of Downs at a cost of \$2.6 million.

Selected Principal Arterial Corridors

This category involves highway improvements for economic development and/or expansion necessary to address congestion. The FY 2009 Highway Improvement Program includes \$50.7 million for these improvements. The improvements include major construction items such as additional lanes, reconstruction or new location. Four bridges are being improved along with one intersection improvement.

Significant principal arterial projects programmed in FY 2009 include:

- engineering for design, location and environmental studies and preliminary engineering project managers for Elgin O'Hare Expressway from Interstate 290/Illinois 53 to O'Hare Ring Road and O'Hare Ring Road from Interstate 90 (Northwest Tollway) to Interstate 294 (Tri-State Tollway) at a cost of \$5.5 million,
- land acquisition on Prairie Parkway from Illinois 71 to US 34 in Kendall County at a cost of \$16 million,
- engineering for contract plans, utility adjustments, land acquisition, demolition on the Alton Bypass from Interstate 270 to US 67 in Godfrey and cross street construction and bridge construction on the Alton Bypass from Seminary Street to US 67 in Godfrey at a cost of \$9.1 million,

- engineering for contract plans on US 67 from north of Industry to Illinois 111 at a cost of \$2.4 million,
- engineering for contract plans and land acquisition on US 67 from 2.2 miles east of Illinois 100 to 0.2 mile east of Concord/Arenzville Road in Morgan County and at the Illinois River in Beardstown at a cost of \$6.5 million.

Traffic and Safety Improvements

The traffic and safety improvements programmed in the FY 2009 Highway Improvement Program total \$87.4 million for 85 intersection improvements. Traffic and safety improvements include items such as signal work, intersection improvement and railroad crossing work. During FY 2009, \$50.1 million is included in the state program for safety projects at high-accident locations.

Federal funding is provided from a set aside of Highway Safety Improvement Program funds for railroad protection. Included in the program is \$3.8 million for state improvements.

Significant traffic and safety projects programmed in FY 2009 include:

- traffic signal modernization, construction of pedestrian ramps and impact attenuators on Illinois 50 (Cicero Avenue) from Roosevelt Road to Pershing Road in Cicero at a cost of \$2.5 million,
- shoulder construction on Illinois 71 from US 52 to west of Illinois 47 in Yorkville and Newark at a cost of \$2.5 million,
- intersection reconstruction and utility adjustments on Illinois 75 at Illinois 70 south of Durand at a cost of \$5.6 million,
- intersection reconstruction including traffic signal installation, right turn lane, drainage, sidewalks, utility adjustments and land acquisition on Illinois 96 at Payson Road in Quincy at a cost of \$2.8 million,
- intersection reconstruction including safety improvements, utility adjustments and land acquisition on Illinois 13 at Williamson County Parkway/Walton Way 0.6 mile west of Interstate 57 in Marion at a cost of \$4.8 million.

Statewide and Various Projects

The FY 2009 Highway Improvement Program includes \$215.5 million for statewide and various projects. The statewide projects total \$82.5 million and provide funding for:

- traffic control improvements,
- contract maintenance which includes intermittent resurfacing, crack and joint sealing, bridge repairs and other roadway-related improvements that are performed by non-state forces,
- emergency road and bridge repairs,
- federally authorized Equal Employment Opportunity training programs and support services,
- Economic Development Program providing highway improvements to provide access to new or expanding industrial and manufacturing developments,
- National Recreational Trails Program,
- environmental studies,
- engineering for various work statewide.

In order to accommodate change orders on contracts, each district has allocated a portion of their program dollars towards a contingency line item. The total contingency line item for all nine districts is \$33.1 million.

The remaining \$99.9 million is for various engineering, land acquisition and smaller improvement projects that will be identified throughout the fiscal year.

Local Program

The FY 2009 Highway Improvement Program includes improvements on local streets and highways utilizing federal funds. A portion of the federal funding is allocated based on population to local agencies throughout the state. The local program provides \$555.2 million to fund improvements on 271 miles of roadway and 129 bridges along with 18 traffic and safety improvements. In addition, \$7 million is included in the program to help local governments upgrade designated truck routes.

The FY 2009 Highway Improvement Program provides \$50.8 million of state funds specifically to assist local governments. Local benefits include \$10 million for needy townships, \$4 million for high-growth cities, \$21.8 million to counties under 1,000,000 in population and \$15 million for the local township bridge program. The projects listed in this document do not include the \$50.8 million that will be allocated to local governments by formula.

Approximately \$684 million of state motor fuel tax funds will be directly distributed to municipalities, counties and townships for administration and the repair of local roads and bridges during FY 2009. This distribution is in addition to the \$1.950 billion highway improvement program.

Federal Earmark Projects

In addition to the \$1.950 billion FY 2009 Highway Improvement Program, the department has received an additional \$17 million of state appropriation to fund Federal Fiscal Year 2008 earmarks. These projects are included in the appendix.

Guide to the Project Listing

The projects included in the FY 2009 program are grouped by State Highway District. Within each District, projects are listed under six headings.

- State Construction
- State Engineering
- State Land Acquisition
- Local Construction
- Local Engineering
- Local Land Acquisition

Individual projects are listed within these six headings in descending route marking order, i.e., Interstate, US, Illinois, and other. Each project's type of funding is identified by eligibility with symbols; the symbols and their funding categories are shown in Table 1. Projects in some categories, such as railroad-highway grade crossing safety and some statewide and districtwide items, will be identified and selected during the fiscal year. A glossary with abbreviations is listed in Table 2.

The FY 2009 Highway Improvement Program may also be found on the Internet at www.dot.il.gov/ahip2009/hwyimprov.htm.

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