

FISCAL YEAR 2010 HIGHWAY IMPROVEMENT PROGRAM

The Fiscal Year 2010 Highway Improvement Program provides \$2.4 billion of the \$14.314 billion included in the FY 2010-2015 Proposed Highway Improvement Program. In addition, we received \$627 million of federal American Recovery and Reinvestment Act of 2009 (ARRA) funding. The majority of the funding was programmed in projects and accomplished through the FY 2009 annual program. The remaining ARRA projects are being implemented in the FY 2010 program and the program currently includes \$124 million. The FY 2010 program in total is \$2.524 billion.

The FY 2010 program will be financed by an estimated \$1.396 billion of federal funds, \$987 million of state funds and \$141 million of local funds. Nearly \$1.845 billion is for projects on the state highway system and \$679 million is for projects on local streets and highway systems.

A total of 740 miles of highways and 228 bridges will be improved or constructed through the FY 2010 program. Safety and traffic improvements at 125 locations are scheduled.

Category	\$ Millions	Miles	Structures	Intersections	Spot
					Improvements
Interstate	446.9	92	27	1	1
Major Construction	475.7	23	3	14	2
Resurfacing	125.3	237	5	15	7
Bridge Work	371.7	2	72	1	
Selected Principal Arterial Corridors	108	3	3		
Traffic & Safety Improvements	88.6			70	4
Statewide and Various Projects	228.8	50		2	
Local Projects	628.2	331	118	8	
Local Benefit Grants	50.8				
Total	2,524.0	740	228	111	14

State Program

The FY 2010 Highway Improvement Program includes \$1.845 billion for improvements on the state highway system. This investment will allow for 409 miles of roadway to be improved or added to the existing highway system along with 110 bridge improvements and 117 intersection and spot improvements.

Of the \$1.845 billion state program, included is funding for two Capital Program initiatives that were signed into law in 2009. The Jump Start Capital Plan authorized \$2 billion in bonds for state highways and bridges. Of this amount, \$310 million is included in the FY 2010 program. The Jump Start Capital Plan will address the state's deteriorating condition of state roads and bridges.

The second initiative is The Illinois Jobs Now! Program which includes an additional \$3.064 billion of bonds for highways to address congestion mitigation needs in urban areas and provide for economic development opportunities statewide. The FY 2010 program includes \$515 million of Illinois Jobs Now! funding. The chart below summarizes the program funding for the total FY 2010 program including the local program discussed in a later section.

FY 2010 Program Funding (\$Billions)

Fund Source	FY 2010
Federal Aid	1.412
State Funds	.162
Jump Start	.310
Illinois Jobs Now!	.515
Local Funds	.125
Total	2.524

The FY 2010 State Program focuses on four vital elements at a total cost of \$1.845 billion for the state highway system with roadway safety as an overarching goal. Overall, the main focus of the department is to maintain the state's current highways and bridges with 61 percent of the program funding system and bridge maintenance projects.

These vital elements are:

- System Maintenance, including reconstruction, resurfacing/widening, and safety projects (37 percent),

- Bridge Maintenance, including bridge replacement and rehabilitation projects, and minor structure repairs (24 percent),
- Congestion Mitigation, including major projects that reduce traffic congestion in urban areas, and other improvements that improve traffic flow (29 percent), and
- System Expansion, including new roads and other improvements that increase access and promote economic development (9 percent).

The table below reflects these four vital elements:

Category	Spot				
	\$ Millions	Miles	Structures	Intersections	Improvements
System Maintenance	689.6	379	8	81	8
Bridge Maintenance	445.4	3	89	1	
Congestion Mitigation	542.0	15	10	21	6
System Expansion	168.0	12	3		

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 53 years old and require significant investment to maintain.

The FY 2010 interstate program provides \$446.9 million of improvements to 92 miles of the interstate highway system using federal and state funding. Included in the interstate work are 27 bridge improvements and two intersections and spot improvements.

Significant interstate projects programmed in FY 2010 include:

- additional lanes and reconstruction of 2.9 miles, bridge rehabilitation, bridge replacement and removal on Interstate 55 from Interstate 39 to Veterans Parkway interchange northeast of Normal at a cost of 38.3 million (*Illinois Jobs Now! Project*),
- resurfacing of 22.2 miles, patching and bridge repairs on Interstate 290 from Thorndale Drive (Elgin O'Hare Expressway) to Interstate 90/94 (Kennedy Expressway) in Chicago at a cost of \$60.4 million,

- resurfacing of 4.8 miles, patching and bridge repair on Interstate 57 from 0.6 mile north of Illinois 116 to north of Clifton at a cost of \$8.5 million,
- resurfacing of 7.6 miles and bridge repairs on Interstate 55/70 and US 40 from 1 mile north of Illinois 157 to 0.3 miles north of Interstate 55/70/270 in the Metro-East St. Louis area at a cost of \$25.7 million,
- interchange reconstruction and bridge replacement on Interstate 80 at the Illinois 178 interchange near Utica at a cost of \$14.7 million,
- construction of new grade separation and ramp modifications on Interstate 57 at the new Illinois 13 in Marion at a cost of \$29 million,
- bridge substructure, retaining wall and relocation on Interstate 55 at Arsenal Road (Frontage Roads) and at Ramp D (Southeast) Entrance at Arsenal Road at a cost of \$27.9 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 2010 Highway Improvement Program includes 23 miles of roadway to be improved or added to the existing highway system with three bridge improvements and 16 intersection and spot improvements. The major construction improvements total \$475.7 million.

Major construction projects programmed in FY 2010 include:

- reconstruction and additional lanes of 0.1 mile and interchange reconstruction on Interstate 88 (East-West Tollway) over Naperville Road in DuPage County at a cost of \$14.6 million,
- intersection improvement on 130th Avenue at Torrence Avenue in Chicago at a cost of \$61.9 million (*Illinois Jobs Now! Project*),
- additional lanes for 1.7 miles, intersection improvement and utility adjustments on Illinois 40 (Knoxville Avenue) from north of Cedar Hills Drive to north of Mossville Road in Peoria at a cost of \$12.7 million,
- additional lanes for 2.1 miles and land acquisition on Illinois 13 from Illinois 148 to Skyline Drive in Marion at a cost of \$11.5 million,
- additional lanes for 2.1 miles, bridge replacement, utility adjustments, construction engineering and land acquisition on Illinois 47 (Vine Street) from Reed Road to Kreutzer Road in Huntley at a cost of \$41.3 million (*Illinois Jobs Now! Project*),
- phase II engineering, archeological surveys, land acquisition, utility adjustments, new bridges, bridge replacement, pedestrian overpass, retaining walls, demolition, interchange construction, intersection reconstruction, resurfacing of side streets, grading and paving for the

New Mississippi River Bridge at East St. Louis, Illinois and St. Louis, Missouri at a cost of \$80.8 million,

- construction of 3.8 miles of roadway for Veterans Drive (Illinois 9 Relocation) from Illinois 29 to south of Court Street in Pekin at a cost of \$30 million (*Illinois Jobs Now! Project*),
- reconstruction of 1.5 miles, turning lanes, retaining wall and culvert replacement on Illinois 2 from 0.8 mile south of Mud Creek Road to Fair Street in Oregon at a cost of \$7.1 million.

Resurfacing

The resurfacing included in the FY 2010 Highway Improvement Program totals \$125.3 million and improves 237 miles statewide along with 22 intersection and spot improvements. There are five structures being improved in resurfacing projects. This category includes improvements such as urban and rural resurfacing, widening and resurfacing and surface maintenance.

Major resurfacing projects programmed in FY 2010 include:

- resurfacing of 6.8 miles, widening and resurfacing, curve corrections, vertical realignment, left turn lanes and storm sewers on Illinois 158 from M&O Station Road in Millstadt to Illinois 15 Ramp (S) in Belleville at a cost of \$10.4 million,
- resurfacing of 0.7 mile, curb and gutter and storm sewer on Illinois 116 from Illinois 47 to east of Maple Street in Saunemin at a cost of \$2.5 million (*ARRA Project*),
- resurfacing of 9.2 miles, culvert replacement, new culvert, curb and gutter, storm sewer, safety improvements, new shoulders, utility adjustments and railroad flagger at a cost of \$7.5 million,
- resurfacing of 11.3 miles, new shoulders, grading, bridge replacement and culvert extension on Illinois 33 from Effingham County line to West Avenue in Newton at a cost of \$15.1 million,
- resurfacing of 4.4 miles and utility adjustments on Illinois 37 from Cleveland Street in West Frankfort to north city limits of Johnston City at a cost of \$8.7 million,
- resurfacing of 8.7 miles on Illinois 185 from Chapman Trail in Coffeen to Fayette County line at a cost of \$3.2 million.

Bridge Work

The bridge category includes new bridges, bridge replacement, bridge rehabilitation and bridge repair. There are 72 stand-alone bridges programmed for bridge replacement, rehabilitation or new construction totaling \$371.7 million in the FY 2010 Highway Improvement Program. Included is \$21.8 million for bridge beam replacement and bridge painting.

Significant bridge projects programmed in FY 2010 include:

- replacement of Wacker Drive from Randolph Street to West Congress Parkway in Chicago at a cost of \$116 million (*Jump Start Program*),
- bridge replacement, vertical replacement and railroad flagger on US 20 over Illinois Central Railroad 2 miles east of Eleroy at a cost of \$3.7 million,
- bridge replacement and bridge approach roadway on Illinois 9 over Shaw Creek 0.8 mile east of Illinois 41 in McDonough and Fulton County at a cost of \$2.1 million,
- bridge replacement on Illinois 47 over the Sangamon River southwest of Mahomet at a cost of \$4.2 million,
- bridge replacements and bridge approach roadway on Illinois 78 over the Sangamon River 0.1 mile south of Mason County line and Big Lake Overflow 0.5 mile south of Mason County line and Wolfe Lake 1 mile north of Cass County line at a cost of \$26.3 million,
- bridge replacement on Illinois 185 over Camp Creek 0.8 mile east of US 51 at a cost of \$5.4 million,
- bridge replacement, construction engineering and railroad flaggers at Franklin Avenue and SOO Railroad in Schiller Park at a cost of \$18.2 million,
- bridge replacement, intersection improvement and lighting on Southwest Highway over the B&O Railroad and over Stony Creek and Ridgeland Avenue in Chicago Ridge and Oak Lawn at a cost of \$9.8 million.

Selected Principal Arterial Corridors

This category involves highway improvements for economic development and/or expansion necessary to address congestion. The FY 2010 Highway Improvement Program includes \$108 million for these improvements. The improvements include major construction items such as additional lanes, reconstruction or new location. Three bridges and three miles are being improved along these corridors.

Significant principal arterial projects programmed in FY 2010 include:

- land acquisition, preliminary engineering project managers, engineering for design, location and environmental studies and contract plans on the 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 \$9 million,
- grading and paving for 4 miles, utility adjustments, Phase II engineering, construction engineering and land acquisition on US 20 (Freeport Bypass) from US 20 Business west of Freeport to west of Illinois 26 at a cost of \$21.9 million (*Illinois Jobs Now! Project*),

- new construction for 3.2 miles, grading, drainage, paving, Phase II engineering, utility adjustments and construction engineering on US 67 from Godfrey to Jersey County line at a cost of \$39 million (*Illinois Jobs Now! Project*),
- archeological surveys, Phase II engineering and land acquisition on the US 34 Corridor from Carmen Road to US 67 in Monmouth at a cost of \$10.9 million (*Illinois Jobs Now! Project*),
- land acquisition on US 51 from 1.5 miles north of Assumption to 2.7 miles north of Illinois 16 at a cost of \$2.8 million and Phase I engineering on US 51 south of Pana to Centralia at a cost of \$3.2 million (*Illinois Jobs Now! Project*).

Traffic and Safety Improvements

The traffic and safety improvements programmed in the FY 2010 Highway Improvement Program total \$88.6 million for 74 intersection and spot improvements. Traffic and safety improvements include items such as signal work, intersection improvement and railroad crossing work. During FY 2010, \$50.8 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 \$6.3 million for state improvements.

Significant traffic and safety projects programmed in FY 2010 include:

- traffic signal modernization and lighting on Illinois 19 from Westview Plaza Entrance to Kingsbury Drive in Hanover Park at a cost of \$1.2 million,
- traffic signal modernization, intersection improvement, resurfacing, pavement marking and cold milling on Illinois 9/78 from Avenue A to 5th Avenue in Canton at a cost of \$0.9 million,
- safety improvements on Illinois 16 from Lake Dam Road in Shelbyville to 0.2 mile south of Illinois 32 in Windsor at a cost of \$2.4 million,
- intersection improvement on Illinois 60/83 at Illinois 176 in Mundelein at a cost of \$5 million (*Illinois Jobs Now! Project*),
- vertical realignment and turning lanes on Illinois 76 at Orth Road 3 miles south of Illinois 173 in Timberlane at a cost of \$1.3 million,
- intersection improvement, left and right turn lanes, traffic signal modernization, lighting and sidewalks on Illinois 4 at Monroe Street/Old Jacksonville Road in Springfield at a cost of \$4.1 million (*ARRA Project*).

Statewide and Various Projects

The FY 2010 Highway Improvement Program includes \$228.8 million for statewide and various projects. The statewide projects total \$119.9 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 \$28.7 million.

The remaining \$80.2 million is for various engineering, land acquisition and smaller improvement projects that will be identified throughout the fiscal year.

Local Program

The FY 2010 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 \$628.2 million to fund improvements on 331 miles of roadway and 118 bridges along with 8 traffic and safety improvements. In addition, \$7 million is included in the program to help local governments upgrade designated truck routes.

In addition, the FY 2010 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 \$623 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 2010. This distribution is in addition to the \$2.524 billion highway improvement program.

Federal Earmark Projects

In addition to the \$2.524 billion FY 2010 Highway Improvement Program, the department has received an additional \$17.9 million of state appropriation to fund Federal Fiscal Year 2009 earmarks. These projects are included in the appendix.

Guide to the Project Listing

The projects included in the FY 2010 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 2010 Highway Improvement Program may also be found on the Internet at www.dot.il.gov/ahip2010/hwyimprov.htm.

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