

FY 2016-2021 Highway Improvement Program
MCHENRY COUNTY
State Highways

Route/Street	Location	Improvements	Objectives	Est. Cost	City	MYP Years															
						Past	Current														
US 12	DITCHES 0.7 & 2.1 MI E OF ILL 31 & 8.3 MI S OF STATE LINE Bridge Maintenance	CULVERT REPLACEMENT CULVERT REPAIR	SAFETY PRESERVE SYSTEM	\$600,000	RICHMOND	1	2017-2021														
US 14	AT KISHWAUKEE RIVER 4 MI SE OF ILL 23 Bridge Maintenance	BRIDGE DECK OVERLAY BRIDGE JOINT REPAIR	SAFETY PRESERVE SYSTEM	\$710,000		1	2017-2021														
				<table border="1"> <thead> <tr> <th>Structure Status</th> <th>AADT</th> <th>Truck Pct</th> <th>Str Number</th> <th>NHS</th> </tr> </thead> <tbody> <tr> <td>ADEQUATE</td> <td>8,050</td> <td>8</td> <td>0560051</td> <td>Y</td> </tr> </tbody> </table>				Structure Status	AADT	Truck Pct	Str Number	NHS	ADEQUATE	8,050	8	0560051	Y				
Structure Status	AADT	Truck Pct	Str Number	NHS																	
ADEQUATE	8,050	8	0560051	Y																	
US 20 GRANT HWY	COUNTY LINE RD TO WEST ST Miles = 4.53 System Maintenance	RESURFACING PEDESTRIAN RAMPS/ADA	SAFETY PRESERVE SYSTEM TRANSPORTATION OPS	\$2,510,000	MARENGO	8	2017-2021														
				<table border="1"> <thead> <tr> <th>Needs Category</th> <th>Miles</th> <th>Roughness(IRI)</th> <th>Rutting</th> <th>AADT</th> <th>Truck Pct</th> <th>NHS</th> </tr> </thead> <tbody> <tr> <td>BACKLOG</td> <td>4.53</td> <td>ACCEPTABLE</td> <td>0.27</td> <td>13,600</td> <td>8.6</td> <td>Y</td> </tr> </tbody> </table>				Needs Category	Miles	Roughness(IRI)	Rutting	AADT	Truck Pct	NHS	BACKLOG	4.53	ACCEPTABLE	0.27	13,600	8.6	Y
Needs Category	Miles	Roughness(IRI)	Rutting	AADT	Truck Pct	NHS															
BACKLOG	4.53	ACCEPTABLE	0.27	13,600	8.6	Y															
US 20	AT BOONE CO LINE System Maintenance	DRAINAGE	SAFETY PRESERVE SYSTEM	\$50,000		1	2017-2021														
US 20 GRANT HWY	AT WEST UNION RD & AT CORAL RD System Maintenance	CHANNELIZATION	SAFETY TRANSPORTATION OPS MODAL CONNECTIVITY ECONOMIC DEVELOP	\$1,500,000		3	2017-2021														
US 20 GRANT HWY	AT CREEK 0.4 MI W OF BECK RD Bridge Maintenance	CULVERT REPLACEMENT	SAFETY PRESERVE SYSTEM	\$250,000		6	2017-2021														
US 20 GRANT HWY	AT MARENGO-BECK RD / SOUTH UNION RD Miles = 0.01 System Maintenance	CHANNELIZATION HORIZONTAL REALIGNMENT TRAF SIGNAL INSTALLATION	SAFETY TRANSPORTATION OPS MODAL CONNECTIVITY ECONOMIC DEVELOP	\$2,000,000		6	2017-2021														

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US 20 GRANT HWY	AT MARENGO-BECK RD / SOUTH UNION RD System Maintenance	LAND ACQUISITION		\$500,000		6	2017-2021														
US 20 GRANT HWY	AT HARMONY RD System Maintenance	CHANNELIZATION TRAF SIGNAL INSTALLATION	SAFETY TRANSPORTATION OPS MODAL CONNECTIVITY ECONOMIC DEVELOP	\$2,350,000		6	2017-2021														
US 20 GRANT HWY	AT HARMONY RD System Maintenance	LAND ACQUISITION		\$760,000		2	2017-2021														
ILL 23	US 14 TO 8TH AVE Miles = 9.61 System Maintenance	RESURFACING PEDESTRIAN RAMPS/ADA	SAFETY PRESERVE SYSTEM TRANSPORTATION OPS	\$3,375,000	MARENGO	1	2017-2021														
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Needs Category	Miles	Roughness(IRI)	Rutting	AADT	Truck Pct	NHS															
BACKLOG	9.61	ACCEPTABLE	0.17	4,637	17.4	Y															
ILL 23	AT CORAL RD / PLEASANT GROVE RD Congestion Mitigation	INTERSECTION IMPROVEMENT	SAFETY PRESERVE SYSTEM MODAL CONNECTIVITY TRANSPORTATION OPS	\$445,000		6	2017-2021														
ILL 31 FRONT ST	ILL 120 (BELVIDERE RD) TO ILL 176 (TERRA COTTA RD) Congestion Mitigation <i>SAFETEA-LU HIGH PRIORITY PROJECT. STATE AND/OR LOCAL MATCH REQUIRED.</i>	P.E. (PHASE II)		\$1,600,000	MC HENRY PRAIRIE GROVE CRYSTAL LAKE	15	2017-2021														
ILL 31 FRONT ST	ILL 120 (BELVIDERE RD) TO ILL 176 (TERRA COTTA RD) Congestion Mitigation <i>SAFETEA-LU HIGH PRIORITY PROJECT. STATE AND/OR LOCAL MATCH REQUIRED.</i>	P.E. (PHASE II)		\$4,200,000	MC HENRY PRAIRIE GROVE CRYSTAL LAKE	7	2017-2021														

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ILL 31	STRONG RD TO CENTRAL PARK DR Miles = 2.41 System Maintenance	RESURFACING RR FLAGGER PEDESTRIAN RAMPS/ADA	SAFETY PRESERVE SYSTEM TRANSPORTATION OPS	\$1,690,000	CRYSTAL LAKE	8	2017-2021														
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Needs Category	Miles	Roughness(IRI)	Rutting	AADT	Truck Pct	NHS															
ACCRUING	2.41	ACCEPTABLE	0.18	24,514	8.0	Y															
ILL 47	AT O'BRIEN RD / VAN DERKARR RD Congestion Mitigation	INTERSECTION RECONSTN CHANNELIZATION SHOULDER REPAIR GUARDRAIL	SAFETY PRESERVE SYSTEM MODAL CONNECTIVITY TRANSPORTATION OPS FREIGHT MOVEMENT ECONOMIC DEVELOP	\$5,370,000		3	2017-2021														
ILL 47	AT O'BRIEN RD / VAN DERKARR RD Congestion Mitigation	LAND ACQUISITION		\$700,000		3	2017-2021														
ILL 47 SEMINARY ST	CHARLES RD TO N OF ILL 120 (MCHENRY AVE) Congestion Mitigation	P.E. (PHASE II)		\$2,325,000	WOODSTOCK	3	2016														
ILL 47 SEMINARY ST	CHARLES RD TO N OF ILL 120 (MCHENRY AVE) Congestion Mitigation	P.E. (PHASE II)		\$1,025,000	WOODSTOCK	2	2017-2021														
ILL 47 SEMINARY ST	N OF WARE RD TO ILL 120 (MCHENRY AVE) Miles = 1.77 System Maintenance	RESURFACING PEDESTRIAN RAMPS/ADA	SAFETY PRESERVE SYSTEM TRANSPORTATION OPS	\$785,000	WOODSTOCK	3	2017-2021														
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Needs Category	Miles	Roughness(IRI)	Rutting	AADT	Truck Pct	NHS															
ACCRUING	1.77	ACCEPTABLE	0.19	10,400	4.2	Y															
ILL 47 EASTWOOD AVE	N OF ILL 120 (MCHENRY AVE) TO US 14 Congestion Mitigation	P.E. (PHASE II)		\$2,325,000	WOODSTOCK	2	2016														

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ILL 47 EASTWOOD AVE	N OF ILL 120 (MCHENRY AVE) TO US 14 Congestion Mitigation	P.E. (PHASE II)		\$1,025,000	WOODSTOCK	2	2017-2021															
ILL 47 ILL 176	US 14 TO S OF ILL 176 Congestion Mitigation	P.E. (PHASE II)		\$167,000	WOODSTOCK	1	2016															
ILL 47 ILL 176	US 14 TO S OF ILL 176 Congestion Mitigation	P.E. (PHASE II)		\$2,026,000	WOODSTOCK	3	2017-2021															
ILL 47 ILL 176	US 14 TO S OF ILL 176 Congestion Mitigation	P.E. (PHASE II)		\$1,230,000	WOODSTOCK	2	2017-2021															
ILL 47 ILL 176	S OF ILL 176 TO REED RD Congestion Mitigation	P.E. (PHASE II)		\$667,000	LAKEWOOD	1	2016															
ILL 47 ILL 176	S OF ILL 176 TO REED RD Congestion Mitigation	P.E. (PHASE II)		\$2,036,000	LAKEWOOD	2	2017-2021															
ILL 47 ILL 176	S OF ILL 176 TO REED RD Congestion Mitigation	P.E. (PHASE II)		\$1,500,000	LAKEWOOD	2	2017-2021															
ILL 47	AT KISHWAUKEE RIVER Bridge Maintenance	BRIDGE REPLACEMENT	SAFETY PRESERVE SYSTEM	\$6,500,000		3	2017-2021															
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STRUCTURAL BACKLOG	18,400	6	0560025	Y																		
STRUCTURAL BACKLOG	18,400	6	0560025	Y																		
ILL 173	AT WILMOT RD System Maintenance	LAND ACQUISITION		\$250,000		1	2017-2021															

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ILL 173	AT WILMOT RD System Maintenance	TRAF SIGNAL INSTALLATION CHANNELIZATION	SAFETY TRANSPORTATION OPS MODAL CONNECTIVITY ECONOMIC DEVELOP	\$1,450,000		8	2017-2021
ILL 176	DEERPASS RD TO DEAN ST Congestion Mitigation	LEFT TURN LANES MILLED RUMBLE STRIP GUARDRAIL PAVEMENT WIDENING	SAFETY MODAL CONNECTIVITY TRANSPORTATION OPS	\$6,800,000		3	2017-2021
ILL 176	DEERPASS RD TO DEAN ST Congestion Mitigation	LAND ACQUISITION		\$800,000		2	2017-2021
ILL 176	DITCH 1.1 MI W OF ILL 47 & DRAINAGE DITCH 8.6 MI E OF ILL 23 Bridge Maintenance	CULVERT REPLACEMENT	SAFETY PRESERVE SYSTEM	\$400,000		1	2017-2021
ILL 176	AT HALIGUS RD / MT TABOR RD Congestion Mitigation	INTERSECTION IMPROVEMENT TRAF SIGNAL INSTALLATION	SAFETY PRESERVE SYSTEM MODAL CONNECTIVITY TRANSPORTATION OPS	\$2,100,000	CRYSTAL LAKE	4	2017-2021
ILL 176	AT HALIGUS RD / MT TABOR RD Congestion Mitigation	LAND ACQUISITION		\$500,000	CRYSTAL LAKE	4	2017-2021
ILL 176	US 14 TO ILL 31 (TERRA COTTA AVE) Congestion Mitigation	P.E. (PHASE I)		\$2,680,000	CRYSTAL LAKE	10	2017-2021
ILL 176	AT NISH RD Congestion Mitigation	TRAF SIGNAL INSTALLATION CHANNELIZATION	SAFETY TRANSPORTATION OPS MODAL CONNECTIVITY ECONOMIC DEVELOP	\$750,000		8	2017-2021

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ILL 176	AT NISH RD Congestion Mitigation	LAND ACQUISITION		\$80,000		2	2017-2021
VARIOUS	VARIOUS LOCATIONS IN MCHENRY COUNTY Miles = 9.28 System Maintenance	RESURFACING INTERMITTENT	SAFETY PRESERVE SYSTEM	\$1,600,000	RICHMOND HEBRON WOODSTOCK LAKEWOOD HUNTLEY MC HENRY CRYSTAL LAKE PRAIRIE GROVE MARENGO	1	2016

	FY	Projects	Miles	Est. Cost
MCHENRY COUNTY	2016	5	9.28	\$7,084,000
	2017-2021	35	18.33	\$60,547,000
	2016-2021	40	27.61	\$67,631,000