

R-9408-8200-151

**RESOLUTION**

**WHEREAS**, in order to provide for comprehensive and coordinated highway improvements, it is necessary to undertake a multi-year approach to planning said improvements; and

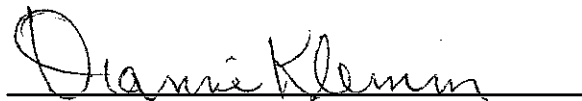
**WHEREAS**, the Illinois Highway Code requires County Engineers of counties with a population in excess to 185,000 people to annually prepare a five year Highway Improvement Program, including revenue projections; and

**WHEREAS**, said Highway Improvement Program is a planning document and is therefore intended as guide for future improvements.

**NOW, THEREFORE BE IT RESOLVED** by this County Board of McHenry County, Illinois that the 1994-1998 Highway Improvement Program is hereby endorsed as the official five year program for the McHenry County Highway Department, said documents attached herewith and made part hereof; and

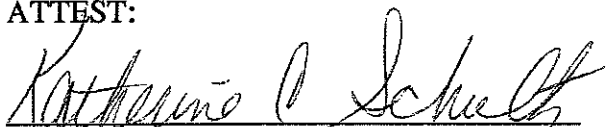
**BE IT FURTHER RESOLVED** that the County Clerk is hereby authorized to distribute a certified copy of this resolution to the County Engineer; the Auditor; and the County Administrator.

DATED at Woodstock, Illinois, this sixteenth day of August, A.D., 1994.

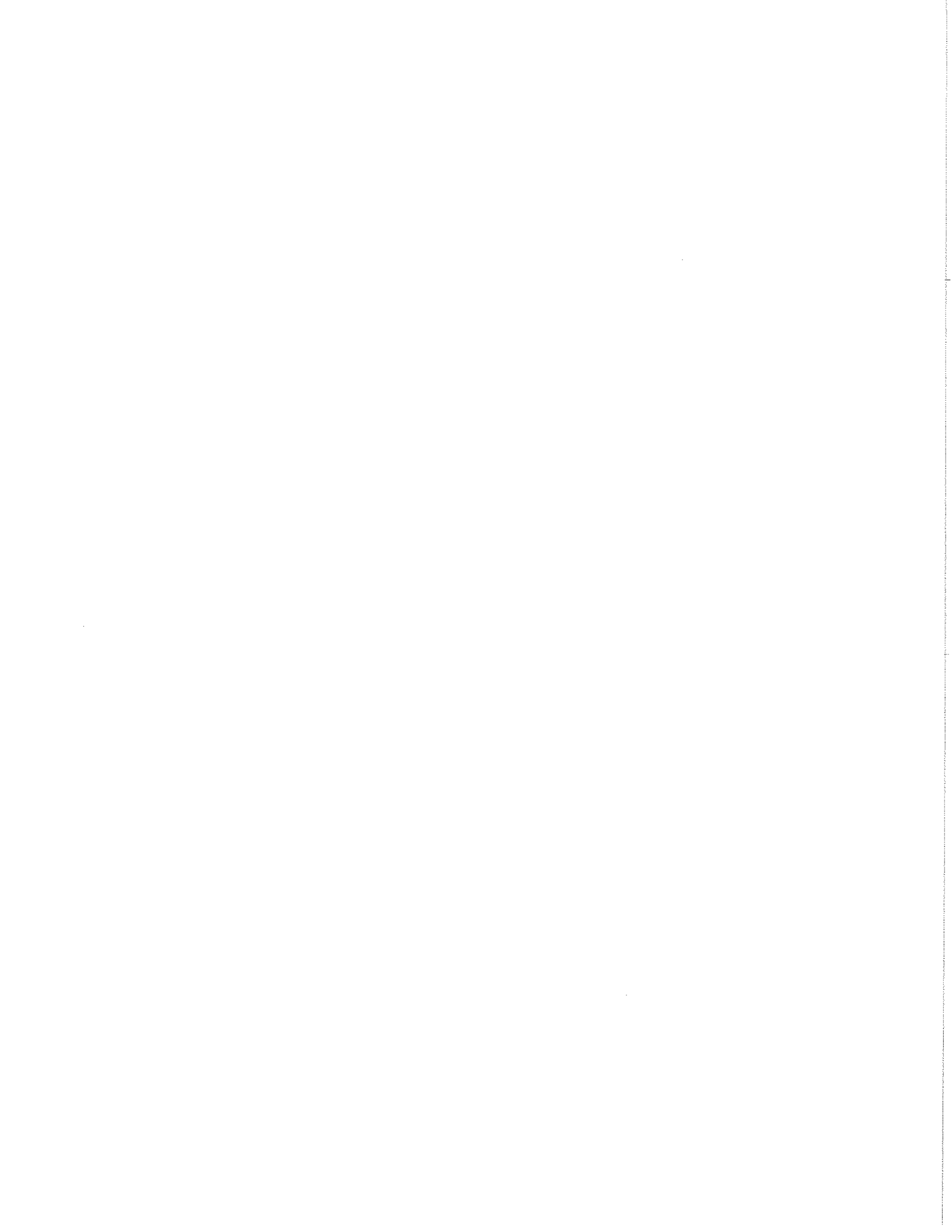


DIANNE KLEMM, Chairman  
McHenry County Board

ATTEST:



KATHERINE C. SCHULTZ, County Clerk



# **1994 - 1998 HIGHWAY IMPROVEMENT PROGRAM**

## **MCHENRY COUNTY HIGHWAY DEPARTMENT**

**Adopted By**

**McHenry County Board  
August, 1994**

**Prepared By**

**McHenry County Highway Department  
Michael P. Magnuson, P.E.  
County Engineer  
12104 Country Club Road  
Woodstock, Illinois 60098**

## INTRODUCTION

Proper management of the McHenry County Highway System infrastructure requires multi-year planning to ensure that an appropriate balance of improvements is maintained. While the rapid growth currently being experienced by McHenry County results in a demand for added infrastructure such as new roadways or widened roadways, it is critical that adequate funds be reserved for the proper maintenance of the existing system of highways and bridges throughout the County. By projecting the anticipated need for all types of improvements and the funding levels anticipated over the next several years, this program has been developed to provide an estimate of when the various types of improvements can be funded and constructed. The following program is constrained primarily by funding. While projects may be delayed due to unforeseeable difficulties such as right-of-way acquisition, this program assumes that the primary constraint in constructing improvements to the County Highway System is funding. The Year 2010 Long Range Transportation Plan, currently being developed by the County, will supplement and enhance this program further by attempting to project transportation needs for the next 20 years. The following pages provide an explanation of how projects are categorized as well as how the McHenry County Highway Department and McHenry County Board determine what improvements are necessary. A section on Revenue is also provided listing the anticipated funding sources and levels for the next five years.

### Legal Requirements

This five year program has also been developed to fulfill a portion of Section 605 ILCS 5/5-301 (Long Range Transportation Planning) of the Illinois Highway Code.

# MCHENRY COUNTY HIGHWAY DEPARTMENT

## PROGRAMMING PROCESS

### Introduction

Road improvements to the County Highway System generally fall into four (4) basic categories of need; Rehabilitation, Safety, Operational, and Capacity. In considering a particular project for funding, the needs and benefits of the project are assessed along with the estimated cost of the improvement. It is important to also consider the cost of not improving a particular roadway. Minor improvements with relatively small costs will become major improvements with large costs if a particular need is neglected. The four categories in order of priority are outlined below:

### **REHABILITATION**

These projects are to keep the County Highway pavements and related items in good condition. Repaving a road to maintain a good riding quality, replacing culverts, bridges, and guardrail are all examples. These projects are developed based on road inventories and road inspections as well as current and projected traffic. These projects are normally considered as a first priority. Neglecting rehabilitation projects may result in potential safety hazards to the motoring public and serious deterioration of the infrastructure.

### **SAFETY**

These projects are to reduce the number of traffic accidents at a particular location. Accidents result in high costs to the public through insurance and injury and are a potential source of liability. These projects are developed from engineering studies based on traffic accident records. Improving the sight-lines at an intersection is an example of a safety project. Safety improvements are a part of every highway project.

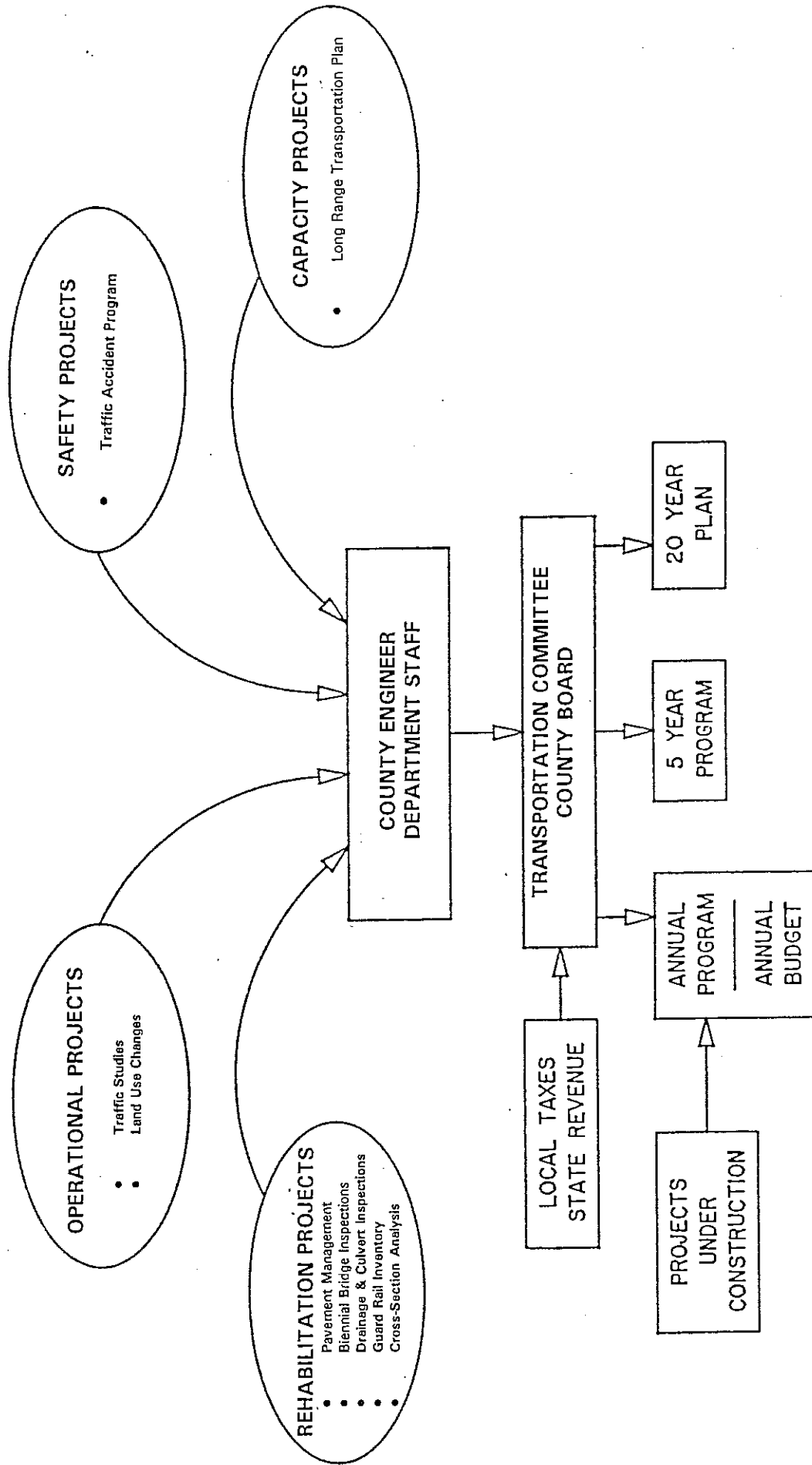
## OPERATIONAL

These projects are to reduce delay and "spot" congestion to motorists by accommodating short-term traffic growth. Improving an intersection with traffic signals and left turn lanes is an example. Operational problems, if neglected, become safety problems. These projects are normally considered as a third priority.

## CAPACITY

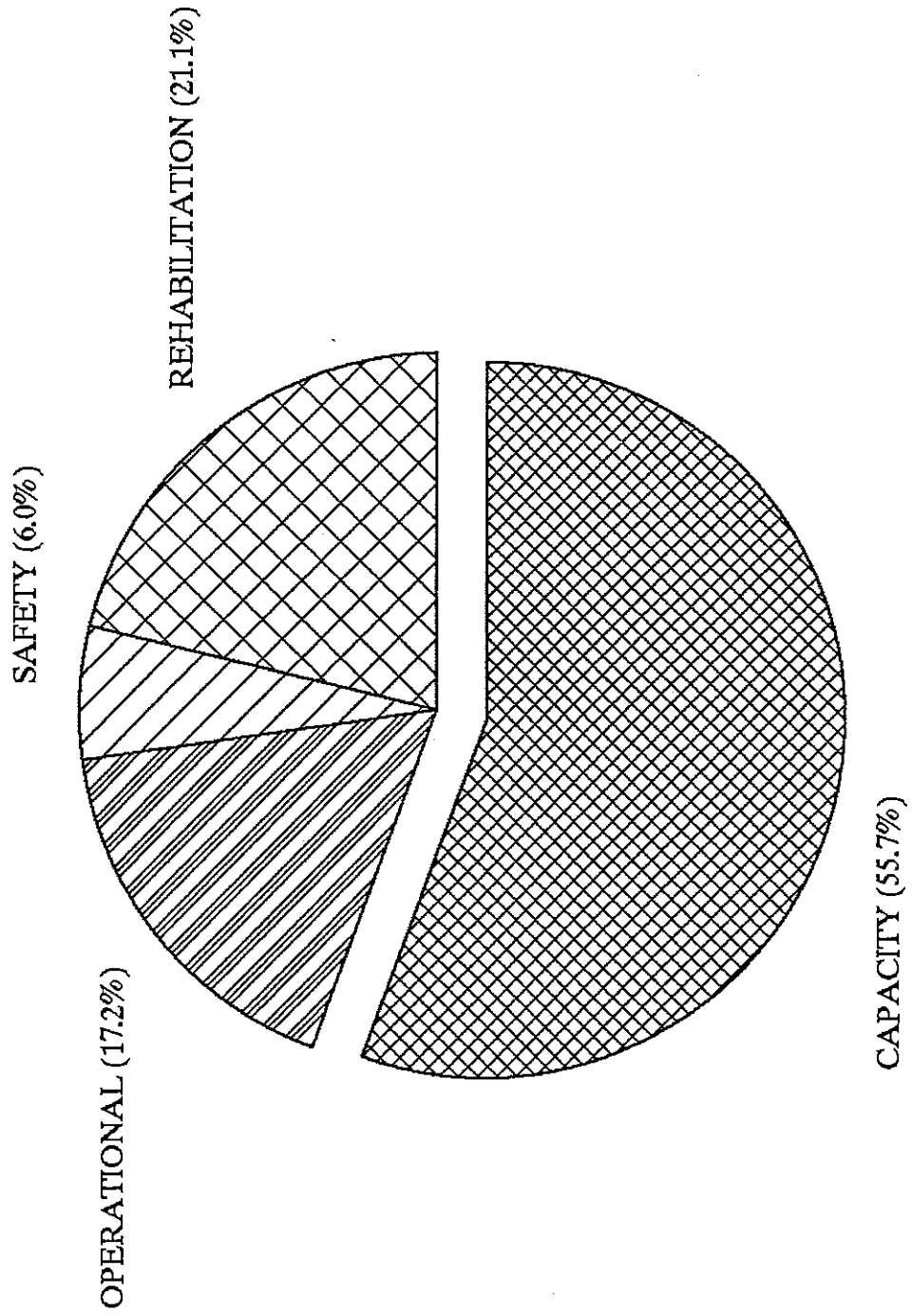
These projects provide highway capacity to meet the long term traffic flow needs. They are large scale by nature and typically involve the construction of additional lanes of roadway or a new roadway. The projects are developed based on the results of the county's long range plan which is currently being updated. These projects are normally considered as a last priority.

# MCHENRY COUNTY HIGHWAY DEPARTMENT CAPITAL PROGRAMMING



# ALLOCATION OF FUNDING

McHenry County Highway Department 1994 - 1998 Highway Improvement Program



***REHABILITATION IMPROVEMENTS***

1994 REHABILITATION PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	1994 MAINTENANCE RESURFACING PROGRAM	\$1,200,000	\$600,000	\$600,000			
VARIOUS TWP ROADS	1994 NON-DEDICATED SUBDIVISION ROADS	\$130,000	\$130,000				
VARIOUS COUNTY HWY'S	1994 PAVEMENT MARKING MAINTENANCE PROGRAM	\$30,000	\$30,000				
MARENGO RD CH# 12	REPLACE BOX CULVERT WITH NEW BRIDGE ENGINEERING & R.O.W.	\$248,000				\$248,000	
VARIOUS BRIDGES	EMERGENCY BRIDGE & MAJOR CULVERT REPAIR	\$80,000				\$80,000	
HARRISON ST JOINT CTY/ ALGONQUIN	REPLACE EXISTING BRIDGE OVER CRYSTAL CREEK	\$54,000				\$54,000	
TOTAL 1994 REHABILITATION PROJECTS =		\$1,742,000	\$760,000	\$600,000	\$0	\$382,000	\$0

1995 REHABILITATION PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	1995 MAINTENANCE RESURFACING PROGRAM	\$1,030,000	\$515,000	\$515,000			
VARIOUS TWP ROADS	1995 NON-DEDICATED SUBDIVISION ROADS	\$100,000	\$100,000				
VARIOUS COUNTY HWY'S	1995 PAVEMENT MARKING MAINTENANCE PROGRAM	\$31,000	\$31,000				
CHAPEL HILL RD CH# 23	RE-DECK BRIDGE OVER FOX RIVER	\$160,000				\$160,000	
STATE LINE RD CHEMUNG TWP	REPLACE EXISTING BRIDGE	\$237,000				\$65,000	\$172,000
MCGUIRE RD CH# 16	REPLACE EXISTING BRIDGE	\$287,000				\$79,000	\$208,000
TOTAL 1995 REHABILITATION PROJECTS =		\$1,845,000	\$646,000	\$515,000	\$0	\$304,000	\$380,000

1996 REHABILITATION PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	1996 MAINTENANCE RESURFACING PROGRAM	\$1,060,900	\$530,450	\$530,450			
VARIOUS TWP ROADS	1996 NON-DEDICATED SUBDIVISION ROADS	\$100,000	\$100,000				
VARIOUS COUNTY HWY'S	1996 PAVEMENT MARKING MAINTENANCE PROGRAM	\$32,000	\$32,000				
ALDEN RD CH# 1	DRAINAGE IMPROVEMENTS/ RESURF. W/CURB & GUTTER	\$280,000	\$220,000		\$60,000		
ALDEN RD CH# 1	REPLACE EXISTING BRIDGE	\$296,000				\$81,600	\$214,400
TOTAL 1996 REHABILITATION PROJECTS =		\$1,768,900	\$882,450	\$530,450	\$60,000	\$81,600	\$214,400

1997 REHABILITATION PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	1997 MAINTENANCE RESURFACING PROGRAM	\$1,092,728	\$546,364	\$546,364			
VARIOUS TWP ROADS	1997 NON-DEDICATED SUBDIVISION ROADS	\$100,000	\$100,000				
VARIOUS COUNTY HWY'S	1997 PAVEMENT MARKING MAINTENANCE PROGRAM	\$33,000	\$33,000				
LAWRENCE RD CH# 19	REPLACE EXISTING BRIDGE	\$305,000				\$84,200	\$220,800
TOTAL 1997 REHABILITATION PROJECTS =		\$1,530,728	\$679,364	\$546,364	\$0	\$84,200	\$220,800

1998 REHABILITATION PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	1998 MAINTENANCE RESURFACING PROGRAM	\$1,125,510	\$562,755	\$562,755			
VARIOUS TWP ROADS	1998 NON-DEDICATED SUBDIVISION ROADS	\$100,000	\$100,000				
VARIOUS COUNTY HWY'S	1998 PAVEMENT MARKING MAINTENANCE PROGRAM	\$34,000	\$34,000				
SOUTH ST CH# 15	RE-DECK EXISTING BRIDGE OVER US 14	\$315,000				\$87,000	\$228,000
TOTAL 1998 REHABILITATION PROJECTS =		\$1,574,510	\$696,755	\$562,755	\$0	\$87,000	\$228,000

TOTAL 1994 REHABILITATION PROJECTS =  
TOTAL 1995 REHABILITATION PROJECTS =  
TOTAL 1996 REHABILITATION PROJECTS =  
TOTAL 1997 REHABILITATION PROJECTS =  
TOTAL 1998 REHABILITATION PROJECTS =

\$1,742,000  
\$1,845,000  
\$1,768,900  
\$1,530,728  
\$1,574,510

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FIVE YEAR TOTAL =  
AVERAGE PER YEAR =

\$8,461,138  
\$1,692,228

# ***SAFETY IMPROVEMENTS***

1994 SAFETY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
WALKUP RD. CH# 6	HILLSIDE INTERSECTION RECONST. & SIGNALS ENGINEERING & R.O.W.	\$60,000	\$25,000	\$35,000			
JOHNSBURG RD CH# 23	RIVERSIDE DR INTERSECTION LEFT --TURN LANES CONSTRUCTION	\$520,000	\$320,000	\$200,000			
TOTAL 1994 SAFETY PROJECTS =		\$580,000	\$345,000	\$235,000	\$0	\$0	\$0

# 1995 SAFETY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
WALKUP RD. CH# 6	HILLSIDE INTERSECTION RECONST. & SIGNALS CONSTRUCTION	\$1,200,000	\$100,000	\$100,000	\$1,000,000		
VARIOUS COUNTY HWY'S	GUARD RAIL INVENTORY & UPGRADE PROGRAM	\$150,000	\$100,000	\$50,000			
<b>TOTAL 1995 SAFETY PROJECTS =</b>		<b>\$1,350,000</b>	<b>\$200,000</b>	<b>\$150,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>

1996 SAFETY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	SPOT GUARD RAIL & DELINIATION IMPROVEMENTS	\$154,500	\$104,500	\$50,000			
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TOTAL 1996 SAFETY PROJECTS =		\$154,500	\$104,500	\$50,000	\$0	\$0	\$0

# 1997 SAFETY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	SPOT GUARD RAIL & DELINIATION IMPROVEMENTS	\$159,000	\$104,000	\$55,000			
<b>TOTAL 1997 SAFETY PROJECTS =</b>		<b>\$159,000</b>	<b>\$104,000</b>	<b>\$55,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

1998 SAFETY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	SPOT GUARD RAIL & DELINIATION IMPROVEMENTS	\$163,770	\$106,770	\$57,000			
TOTAL 1998 SAFETY PROJECTS =		\$163,770	\$106,770	\$57,000	\$0	\$0	\$0

TOTAL 1994 SAFETY PROJECTS =	\$580,000
TOTAL 1995 SAFETY PROJECTS =	\$1,350,000
TOTAL 1996 SAFETY PROJECTS =	\$154,500
TOTAL 1997 SAFETY PROJECTS =	\$159,000
TOTAL 1998 SAFETY PROJECTS =	\$163,770
=====	=====
TOTAL FIVE YR SAFETY PROJECTS =	\$2,407,270
AVERAGE PER YR =	\$481,454

# ***OPERATIONAL IMPROVEMENTS***

# 1994 OPERATIONAL PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/ HBRP
COOK LINE RD CH# 34	SIGNAL @ HAEGER'S BEND IMPROVEMENTS ASSOCIATED WITH IDOT 62/25 PROJECT	\$90,000	\$45,000	\$45,000			
ALGONQUIN RD CH# 32	WIDEN FROM 2 - 3 LANES CRYSTAL LAKE RD -- HANSON JOINT PROJ W/ DEVELOPER	\$600,000	\$500,000	\$100,000			
CRYSTAL LK. RD CH# 6	RESURF. & RE -- STRIPE SIGNALS @ LILIAN JOINT PROJECT W/MCHENRY	\$250,000	\$30,000		\$220,000		
TOTAL 1994 OPERATIONAL PROJECTS =		\$940,000	\$575,000	\$145,000	\$220,000	\$0	\$0

1995 OPERATIONAL PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
RIDGEFIELD RD. CH # 13	ENGINEERING FOR INT. IMPROVEMENT W/US 14 PROPOSED JOINT IDOT PROJ.	\$60,000	\$30,000	\$30,000			
VARIOUS COUNTY HWY'S	JOINT COUNTY/ STATE/ MUNICIPAL PROJECTS	\$150,000			\$150,000		
VARIOUS COUNTY HWY'S	SPOT INTERSECTION IMPROVEMENTS	\$250,000			\$250,000		
TOTAL 1995 OPERATIONAL PROJECTS =		\$460,000	\$30,000	\$30,000	\$400,000	\$0	\$0

# 1996 OPERATIONAL PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
RIDGEFIELD RD. CH# 13	INT. IMPROVEMENT W/ US 14: CONSTRUCTION PROPOSED JOINT IDOT PROJ.	\$180,000	\$70,000	\$50,000	\$60,000		
BAY RD. CH# 22	RECONSTRUCTION & WIDEN 2-3 LNS CULHMAN --CTY LINE ENGINEERING & R.O.W.	\$310,000	\$207,000	\$103,000			
VARIOUS COUNTY HWY'S	JOINT COUNTY/ STATE/ MUNICIPAL PROJECTS	\$154,500			\$154,500		
VARIOUS COUNTY HWY'S	SPOT INTERSECTION IMPROVEMENTS	\$257,500			\$257,500		
TOTAL 1996 OPERATIONAL PROJECTS =		\$902,000	\$277,000	\$153,000	\$472,000	\$0	\$0

# 1997 OPERATIONAL PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
BAY RD. CH# 22	RECONSTRUCTION & WIDEN 2-3 LNS CULHMAN -CTY LINE CONSTRUCTION	\$1,600,000	\$400,000	\$300,000	\$900,000		
HARMONY RD. CH# 12	RECONFIGURATION OF INT. W/MARENGO RD & HEMMER RD ENGINEERING & R.O.W.				\$150,000		
VARIOUS COUNTY HWY'S	JOINT COUNTY/ STATE/ MUNICIPAL PROJECTS	\$159,135			\$159,135		
VARIOUS COUNTY HWY'S	SPOT INTERSECTION IMPROVEMENTS	\$265,225			\$265,225		
TOTAL 1997 OPERATIONAL PROJECTS =		\$2,024,360	\$400,000	\$300,000	\$1,474,360	\$0	\$0

1998 OPERATIONAL PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
HARMONY RD. CH# 12	RECONFIGURATION OF INT. W/MARENGO RD & HEMMER RD CONSTRUCTION	\$890,000	\$790,000		\$100,000		
PYOTT RD. CH# 8	WIDEN & RESURFACE 2 - 3 LANES ENGR./ R.O.W./ CONST.	\$966,000	\$566,000	\$200,000	\$200,000		
VIRGINIA RD. CH# 8	RESURFACE & RE - STRIPE 2 - 3 LANES ENGR./ R.O.W./ CONST.	\$250,000	\$250,000				
VARIOUS COUNTY HWY'S	JOINT COUNTY/ STATE/ MUNICIPAL PROJECTS	\$163,909			\$163,909		
VARIOUS COUNTY HWY'S	SPOT INTERSECTION IMPROVEMENTS	\$273,182			\$273,182		
TOTAL 1998 OPERATIONAL PROJECTS =		\$2,543,091	\$1,606,000	\$200,000	\$737,091	\$0	\$0

TOTAL 1994 OPERATIONAL PROJECTS =	\$940,000
TOTAL 1995 OPERATIONAL PROJECTS =	\$460,000
TOTAL 1996 OPERATIONAL PROJECTS =	\$902,000
TOTAL 1997 OPERATIONAL PROJECTS =	\$2,024,360
TOTAL 1998 OPERATIONAL PROJECTS =	\$2,543,091
=====	=====
TOTAL OPERATIONAL PROJECTS =	\$6,869,451
AVERAGE PER YEAR =	\$1,373,890

# ***CAPACITY IMPROVEMENTS***

# 1994 CAPACITY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
VARIOUS COUNTY HWY'S	TRANSPORTATION PLAN YR 2010 UPDATE REMAINING TASKS	\$70,000	\$70,000				
CARY RD CH# 9	IDOT US 14 PROJECT SHARE FOR CARY RD IMP.	\$290,000	\$192,000	\$98,000			
RAKOW RD CH# 52	RANDALL-900 FT EAST OF IL31 REMAINING CONST.	\$3,760,731	\$1,123,340	\$793,293			\$1,844,098
RAKOW RD CH# 52	REMAINING 900 FT & IL31 INTERSECTION CONSTRUCTION	\$1,600,000	\$1,100,000	\$500,000			
RANDALL RD CH# 50	WIDEN TO 5 LANES ALGONQUIN RD - CTY LINE CONSTRUCTION	\$3,430,000	\$2,360,000	\$800,000	\$270,000		
ALGONQUIN RD CH#32	IL31 INTERSECTION JOINT CTY, ALGONQUIN PRJ PHASE I & II ENGR+ R.O.W.	\$269,000	\$53,800				\$215,200
1994 CATS SUPPORT	ANNUAL DUES FOR CATS SERVICES	\$1,000	\$1,000				
<b>TOTAL 1994 CAPACITY PROJECTS =</b>		<b>\$9,420,731</b>	<b>\$4,900,140</b>	<b>\$2,191,293</b>	<b>\$270,000</b>	<b>\$0</b>	<b>\$2,059,298</b>

# 1995 CAPACITY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
RANDALL RD CH# 50	WIDEN TO 5 LANES RAKOW ROAD -- ALGONQUIN RD CONSTRUCTION	\$3,900,000	\$1,450,000	\$300,000	\$2,150,000		
LAWRENCE RD CH# 19	NEW ROAD CONNECTING TO IL 173 @ FLAT IRON RD ENGINEERING	\$160,000			\$160,000		
ALGONQUIN RD CH# 32	IL31 IMP. TO PYOTT 5 LANE CROSS SECTION PHASE I & II ENGR+ R.O.W.	\$294,210	\$58,842				\$235,368
ALGONQUIN RD CH# 32	IL31 INTERSECTION CONSTRUCTION	\$1,560,000	\$260,000				\$1,300,000
1995 CATS SUPPORT	ANNUAL DUES FOR CATS SERVICES	\$1,200	\$1,200				
<b>TOTAL 1995 CAPACITY PROJECTS =</b>		<b>\$5,915,410</b>	<b>\$1,770,042</b>	<b>\$300,000</b>	<b>\$2,310,000</b>	<b>\$0</b>	<b>\$1,535,368</b>

1996 CAPACITY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
BULL VALLEY RD CH# 51	NEW ARTERIAL ROADWAY IL31 - BRIDGE CONSTRUCTION	\$1,700,000	\$500,000	\$300,000	\$900,000		
LAWRENCE RD CH# 19	NEW ROAD CONNECTING TO IL 173 @ FLAT IRON RD CONSTRUCTION	\$760,000	\$545,000	\$15,000	\$200,000		
RIVER RD CH# 25	RIVER RD - CHAPEL HILL RD CONNECTOR ENGR+ R.O.W.	\$286,000	\$236,000	\$50,000			
1996 CATS SUPPORT	ANNUAL DUES FOR CATS SERVICES	\$1,400	\$1,400				
TOTAL 1996 CAPACITY PROJECTS =		\$2,747,400	\$1,282,400	\$365,000	\$1,100,000	\$0	\$0

1997 CAPACITY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
RIVER RD CH# 25	RIVER RD - CHAPEL HILL RD CONNECTOR CONSTRUCTION	\$1,999,000	\$1,550,000	\$283,000	\$166,000		
1997 CATS SUPPORT	ANNUAL DUES FOR CATS SERVICES	\$1,600	\$1,600				
<b>TOTAL 1997 CAPACITY PROJECTS =</b>		<b>\$2,000,600</b>	<b>\$1,551,600</b>	<b>\$283,000</b>	<b>\$166,000</b>	<b>\$0</b>	<b>\$0</b>

1998 CAPACITY PROJECTS

ROAD NAME	PROJECT DESCRIPTION	PROJECT COST	M.F.T.	MATCHING FUND	OPTION M.F.T.	BRIDGE FUND	FEDERAL STR/HBRP
ALGONQUIN RD CH # 32	PYOTT - IL31 IMP'S CONSTRUCTION 5 LANES	\$2,200,000	\$100,000	\$82,893	\$800,000		\$1,217,107
1998 CATS SUPPORT	ANNUAL DUES FOR CATS SERVICES	\$1,800	\$1,800				
<b>TOTAL 1998 CAPACITY PROJECTS =</b>		<b>\$2,201,800</b>	<b>\$101,800</b>	<b>\$82,893</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$1,217,107</b>

TOTAL 1994 CAPACITY PROJECTS =	\$9,420,731
TOTAL 1995 CAPACITY PROJECTS =	\$5,915,410
TOTAL 1996 CAPACITY PROJECTS =	\$2,747,400
TOTAL 1997 CAPACITY PROJECTS =	\$2,000,600
TOTAL 1998 CAPACITY PROJECTS =	\$2,201,800
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TOTAL CAPACITY PROJECTS =	\$22,285,941
AVERAGE PER YEAR =	\$4,457,188

# **REVENUE ANALYSIS**

### 1994 FUNDING ANALYSIS

FUND	M.F.T.	MATCHING FUND	COUNTY OPT. M.F.T.	BRIDGE FUND	STP/STR/HBRP
BEGINNING BALANCE	\$4,665,000	\$2,685,000	\$740,000	\$600,000	\$2,967,675
REVENUE	\$2,300,000	\$1,040,000		\$100,000	
INTEREST	\$125,000	\$130,000	\$20,000	\$30,000	
TOTAL REVENUE	\$7,090,000	\$3,855,000	\$760,000	\$730,000	\$2,967,675
EXPENDITURES	\$6,580,140	\$3,471,293	\$490,000	\$382,000	\$215,200
ENDING BALANCE	\$509,860	\$383,707	\$270,000	\$348,000	\$2,752,475

### 1995 FUNDING ANALYSIS

FUND	M.F.T.	MATCHING FUND	COUNTY OPT. M.F.T.	BRIDGE FUND	STP/STR/HBRP
BEGINNING BALANCE	\$509,860	\$383,707	\$270,000	\$348,000	\$2,752,475
REVENUE	\$2,550,000	\$1,060,800	\$3,928,000	\$103,000	\$380,000
INTEREST	\$13,830	\$12,500	\$8,110	\$3,100	
TOTAL REVENUE	\$3,073,690	\$1,457,007	\$4,206,110	\$454,100	\$3,132,475
EXPENDITURES	\$2,646,042	\$995,000	\$3,710,000	\$304,000	\$1,915,368
ENDING BALANCE	\$427,648	\$462,007	\$496,110	\$150,100	\$1,217,107

### 1996 FUNDING ANALYSIS

FUND	M.F.T.	MATCHING FUND	COUNTY OPT. M.F.T.	BRIDGE FUND	STP/STR/HBRP
BEGINNING BALANCE	\$427,648	\$462,007	\$496,110	\$150,100	\$1,217,107
REVENUE	\$2,601,000	\$1,082,016	\$1,545,000	\$106,090	\$214,400
INTEREST	\$12,810	\$13,350	\$13,580	\$4,500	
TOTAL REVENUE	\$3,041,458	\$1,557,373	\$2,054,690	\$260,690	\$1,431,507
EXPENDITURES	\$2,546,150	\$1,098,450	\$1,632,000	\$81,600	\$214,400
ENDING BALANCE	\$495,308	\$458,923	\$422,690	\$179,090	\$1,217,107

### 1997 FUNDING ANALYSIS

FUND	M.F.T.	MATCHING FUND	COUNTY OPT. M.F.T.	BRIDGE FUND	STP/STR/HBRP
BEGINNING BALANCE	\$495,308	\$458,923	\$422,690	\$179,090	\$1,217,107
REVENUE	\$2,653,020	\$1,103,656	\$1,591,350	\$109,273	\$220,800
INTEREST	\$13,620	\$12,560	\$11,950	\$5,750	
TOTAL REVENUE	\$3,161,948	\$1,575,139	\$2,025,990	\$294,113	\$1,437,907
EXPENDITURES	\$2,734,964	\$1,184,364	\$1,640,360	\$84,200	\$220,800
ENDING BALANCE	\$426,984	\$390,775	\$385,630	\$209,913	\$1,217,107

# 1998 FUNDING ANALYSIS

FUND	M.F.T.	MATCHING FUND	COUNTY OPT. M.F.T.	BRIDGE FUND	STP/STR/HBRP
BEGINNING BALANCE	\$426,984	\$390,775	\$385,630	\$209,913	\$1,217,107
REVENUE	\$2,732,611	\$1,136,766	\$1,639,091	\$112,551	\$228,000
INTEREST	\$16,130	\$15,240	\$13,100	\$6,680	
TOTAL REVENUE	\$3,175,725	\$1,542,781	\$2,037,821	\$329,144	\$1,445,107
EXPENDITURES	\$2,511,325	\$902,648	\$1,537,091	\$87,000	\$220,800
ENDING BALANCE	\$664,400	\$640,133	\$500,730	\$242,144	\$1,224,307



