
Kane County

Division of Transportation



Comprehensive Road Improvement Plan for Impact Fees

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Glossary of Terms

The following are terms and their associated meanings that may be found within the plan.

ADT: Average Daily Traffic. This is the typical number of vehicles traveling a section of road over the course of a normal 24-hour weekday.

Capacity: The maximum sustainable flow rate at which vehicles can be expected to traverse a uniform segment of a lane or roadway during a specified time period under given roadway, geometric, traffic, environmental and control conditions. Expressed in this report as vehicles per hour per lane of roadway, or vehicles per hour entering an intersection,

CATS: The Chicago Area Transportation Study.

County: The County of Kane, State of Illinois.

CRIP: The Comprehensive Road Improvement Plan for Impact Fees.

FY: Fiscal Year.

IDOT: The Illinois Department of Transportation.

ISTHA: The Illinois State Toll Highway Authority.

KCDOT: The Kane County Division of Transportation.

Lane-Miles: The number of lanes multiplied by the length of a roadway segment.

Local Option MFT: Motor fuel tax imposed by the County and collected at the pump for the purposes of road improvements on roads under the jurisdiction of Kane County.

LOS: Level of Service. A qualitative measure describing operational conditions within a traffic stream, based on service measures such as speed and travel time, freedom to maneuver, traffic interruptions, comfort and convenience. For roadways, LOS is typically expressed in terms of average operating speed ranging from LOS A (highest speed) to LOS F (lowest speed, or failure). Intersection LOS is typically based on delay time; the greater the delay time, the worse the level of service. Again, poorest performance receives the lowest LOS grade (E or F).

MFT: Motor Fuel Tax. The State allocation of revenues collected on gasoline at the pump disbursed to Kane County.

NIPC: The Northeastern Illinois Planning Commission.

VMT: Vehicle Miles of Travel. This is the average daily traffic (ADT) on a roadway segment or group of roadway segments, multiplied by the length of the roadway segment in miles.

Preface

Impact fee programs are widely used by local governments throughout the United States to offset the high cost of providing fire, police, water, sanitary, school, road, and other services to new residents and businesses locating within their jurisdiction. These programs are used particularly in fast growing suburban communities, locations with high tourism or high retirement development and areas of extreme environmental sensitivity. By and large, the fees collected do not cover all the costs a unit of government accrues in providing a service. These fees do allow the implementing agency the opportunity to use its primary funding sources such as property taxes, motor fuel taxes, and state and federal assistance for the purpose of maintaining the existing infrastructure, correcting existing deficiencies in the infrastructure, and supplementing other funding sources to enable construction of improvements to the capacity of the infrastructure.

In Illinois, revenues available for highway purposes are strictly limited by statute. The size of the Motor Fuel Tax is limited and Kane County recently raised its local option MFT to the maximum amount. Property tax levies are limited by the Property Tax Extension Limitation Law. The County aggressively seeks outside funding for highway improvement projects from the state and Federal governments. Impact fees are needed to help fill the gap between the extensive needs and limited tax revenues.

General Goals

The *Road Improvement Impact Fee Law* created by the State of Illinois in 1989 cites two general goals for those agencies implementing impact fee programs in Illinois.

1. *"...the imposition of such road improvement impact fees is designed to supplement other funding sources so that the burden of paying for road improvements can be allocated in a fair and equitable manner."*
2. *"...to promote orderly economic growth throughout the State by assuring that new development bears its fair share of the cost of meeting the demand for road improvements through the imposition of road improvement impact fees."*

Kane County supports these goals through the publication of this Comprehensive Road Improvement Plan for Impact Fees.

Objectives of the Plan

The ten year Comprehensive Road Improvement Plan is a document required of each unit of local government wishing to implement the Road Improvement Impact Fee Law (605 ILCS 5/5-901 to 5/5-919). The Plan's primary function is to support the Law's goals by describing the existing roadway network and traffic conditions, quantifying the anticipated new development upon which the estimated roadway improvements are based, identifying available funding sources, and listing the road improvements anticipated to be needed, along with their estimated costs and anticipated year of construction.

Because the Comprehensive Road Improvement Plan is designed to pertain only to roads under Kane County jurisdiction, recommendations for short and long-range improvements on roads maintained solely by other jurisdictions are not included in the recommended project list in Section 4. Intersections of facilities under Kane County jurisdiction and facilities under jurisdiction of other agencies are included.

Guide to the Plan

In accordance with the provisions of the Road Improvement Impact Fee Law, the Comprehensive Road Improvement Plan (CRIP) is comprised of seven sections. The following synopsis gives the reader a general idea of what is found in each section.

Section 1: Existing Highway Network

This section provides a description of all existing roads, streets or highways under the jurisdiction of the County, a list of deficiencies as of 2002 (the year of the County's initial CRIP), and an estimate of all costs related to curing the existing deficiencies, including but not limited to the upgrading, updating, improving, expanding or replacing of such roads, streets or highways and the current level of service of the existing roads, streets and highways.

Section 2: Commitment to Cure Existing Deficiencies

This section provides that the County is committed to constructing the improvements identified in Section 1 as being needed to cure the existing deficiencies in the County Highway network, where practicable.

Section 3: Land Use Assumptions

This section presents the land use assumptions update adopted by the Kane County Board for this plan.

Section 4: Proposed Roadway Improvement Plan

This section provides a description of the County highways proposed to be improved, expanded, enlarged or constructed to serve new development identified in the Land Use Assumptions, together with an estimate of all costs related to the improvement, expansion, enlargement or construction of those County highways.

Section 5: Funding Sources

This section identifies all sources and levels of funding available to the County for the financing of the highway improvements identified in Sections 1 and 4.

Section 6: Intergovernmental Agreements

As the County's proposed Road Improvement Impact Fee Ordinance provides only for the improvement of County Highways, this Section simply notes that any improvements to highways, roads or streets under another agency's jurisdiction may be funded with Impact Fees

only to the extent needed to ensure the efficient operation of an adjacent intersection with a County Highway.

Section 7: Proposed Road Improvement Schedule

This section provides a schedule setting forth estimated dates for commencing construction of all highway improvements identified in the Comprehensive Road Improvement Plan.

Section 1: Existing Highway Network

As of 2005, the Highway system in Kane County consisted of over 2,130 miles of roadways, including Interstate Highways, Freeways and Expressways, Arterials, Collectors and Local Streets. These roads are under the jurisdiction of the Illinois State Toll Highway Authority, the Illinois Department of Transportation (IDOT), Kane County, over thirty Municipalities, and sixteen Township Road Districts. Kane County has jurisdiction over approximately 300 miles of highways, primarily arterials and collectors, as defined by IDOT. Highways under the jurisdiction of Kane County are listed in Table 1-1 and are shown on Exhibit 1-1.

Table 1-1: Kane County Highways

CH#	Route	From	To
1	West County Line Road	Main Street	IL-64
2	Burlington Road	Peplow Road	IL-64
3	Allen Road	Harmony Road	US-20
4	Harter Road	Perry Road	IL-47
5	Silver Glen Road	IL-47	IL-31
6	Galligan Road	IL-72	Huntley Road
7	Damisch Road	US-20	Big Timber Road
8	Fabyan Parkway	Main Street	DuPage County Line
10	Main Street	West Co. Line Road	Randall Road
11	Peplow Road – French Road	IL-64	IL-72
14	Meredith Road	Keslinger Road	IL-64
15	Healy Road – Oak Street	Bliss Road	Randall Road
16	Bunker Road	Main Street	Keslinger Road
17	Bowes Road	Muirhead Road	McLean Boulevard
18	McLean Boulevard	Spring Street	Bowes Road
19	Dunham Road	Kirk Road	IL-25
20	Army Trail Road	IL-25	DuPage County Line
21	Big Timber Road	Harmony Road	Randall Road
22	Plank Road	Burlington Road	US-20
23	Thatcher Road	DeKalb County Line	Beith Road

Table 1-1 (cont.)

CH#	Route	From	To
24	Jericho Road	US-30	Orchard Road
26	Hughes Road	IL-47	Fabyan Parkway
27	Sauber Road - Lees Road	IL-64	IL-47
28	McGough Road	IL-64	Peplow Road
29	Montgomery Road	IL-25	Hill Avenue
30	Huntley Road	McHenry County Line	Sleepy Hollow Road
32	Plato Road	Burlington Road	Bowes Road
33	Russell Road	Plato Road	Plank Road
34	Randall Road	Orchard Road	McHenry County Line
35	Granart Road	Kendall County Line	Rhodes Street
36	Harmony – Getty	Allen Road	US-20
37	Stearns Road	Dunham Road	DuPage County Line
38	Plank Road	DeKalb County Line	Burlington Road
40	Penny Road	IL-68	Cook County Line
41	Keslinger Road	DeKalb County Line	Randall Road
44	Davis – Scott – Swan Road	US-30	Main Street
45	Allen Road	DeKalb County Line	Harmony Road
46	Burlington – Walker Road	Plank Road	Allen Road
47	Highland Avenue	Damisch Road	Randall Road
48	Scott Road	Davis Road	Harter Road
49	Ellithorpe Road	McGough Road	Burlington Road
51	Dittman Road	Burlington Road	Plato Road
52	Manning Road	Big Timber Road	IL-47
56	Ramm Road	McGough Road	IL-47
59	Tyrrell Road	Big Timber Road	IL-72
61	West Bartlett Road	IL-25	Cook County Line
62	Dauberman Road	US-30	Keslinger Road
69	Empire Road	IL-47	Burlington Road
71	Mooseheart Road	Randall Road	IL-31

Table 1-1 (cont.)

CH#	Route	From	To
77	Kirk Road	IL-56	Dunham Road
78	Bliss Road	IL-47	Main Street
80	Corron Road	Burlington Road	Bowes Road
81	LaFox Road	Keslinger Road	IL-64
83	Orchard Road	US-30	Randall Road
84	Kaneville – Peck Road	Fabyan Parkway	IL-38

Figure 1-1: Kane County Highways

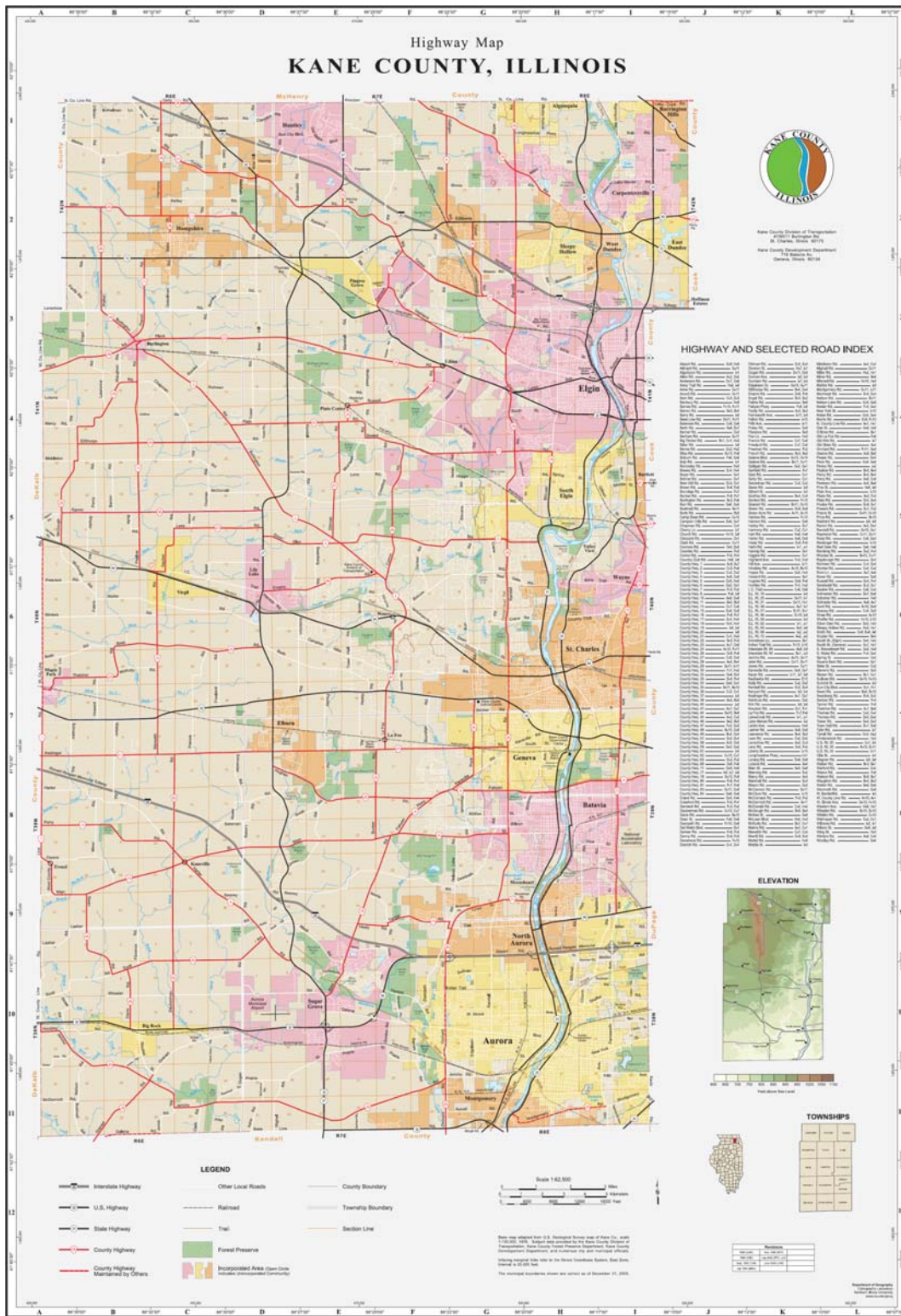
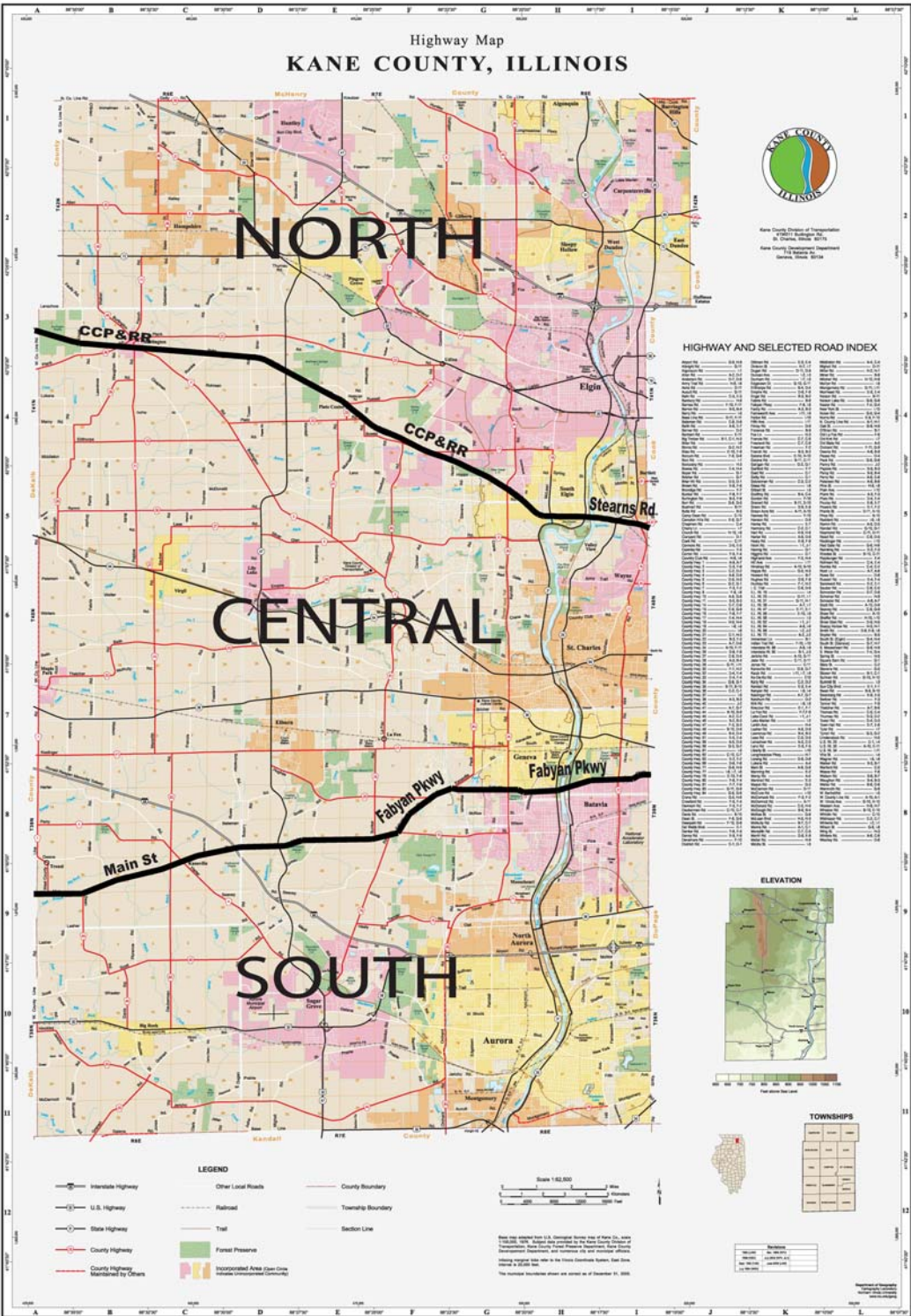


Figure 1-2: Kane County Impact Fee Service Areas



Network Performance Measures

Transportation engineers measure the performance of a segment of highway or an intersection in terms of level of service (LOS) during the highest traffic period of the day, usually the afternoon peak hour of traffic. The level of service of a highway segment is measured in terms of average operating speed. The level of service of an intersection is measured in terms of average vehicular delay. Levels of service range from A, representing optimal conditions, to F, representing heavy congestion. Segments and Intersections that operate at a level of service of E or F are considered deficient due to excessive travel delays. For example, a Class I urban highway, typical of a Kane County Arterial in the urbanized portion of the county, and with a typical free flow operating speed of 50 MPH, would be rated according Table 1-2. Signalized intersections are rated in accordance with Table 1-3. These ratings are based on national standards adopted by the Transportation Research Board.

Table 1-2: Urban Highway Level of Service

LOS	Average Travel Speed (MPH)
A	>42
B	>34-42
C	>27-34
D	>21-27
E	>16-21
F	<=16

Table 1-3: Signalized Intersection Level of Service

LOS	Average Vehicular Delay (Seconds)
A	<10
B	10-20
C	20-35
D	35-55
E	55-80
F	>80

Existing Deficiencies

When Kane County adopted its first Comprehensive Road Improvement Plan for Impact Fees, the County identified six highway segments and sixteen intersections that operated at a deficient level of service. These are identified in Tables 1-4 and 1-5. These tables also identify the reason for the deficiency and the estimated cost to bring the intersection or roadway segment into an acceptable level of service based on 2002 traffic volumes.

Table 1-4: Kane County Highway Segments with a Deficient LOS in 2002

Proj.	Roadway	From	To	LOS	Reason	Est. Cost
	Big Timber Road	IL-72	Damisch Rd.	E	Heavy westbound volumes	See Table 1-5, project #47
19	Keslinger Road	Peck Rd.	Randall Rd.	E	Heavy eastbound volumes	\$2,100,000
	LaFox Road	Keslinger Rd.	IL-38	E	Heavy northbound volumes at IL-38	Improvement Completed
	LaFox Road	IL-38	Campton Hills Rd.	E	Heavy southbound volumes at IL-38	Improvement Completed
	Mooseheart Road	Randall Rd.	IL-31	E	Heavy eastbound volumes	See Table 1-5, project #6
	Kirk Road	IL-56	Wind Energy Pass	E	Heavy northbound and southbound volumes	See Table 1-5, project #85

Table 1-5: Kane County Intersections with a Deficient LOS in 2002

Proj.	Intersection	LOS	Reason for Deficiency	Est. Cost
85	Kirk Rd. @ IL-56	F	Heavy northbound and southbound approach volumes	\$4,000,000
33	Burlington Rd. @ IL-47	F	Heavy approach volumes on IL-47	\$1,700,000
47	Big Timber Rd. @ IL-72	F	Heavy westbound and southbound approach volumes	\$3,500,000
	Huntley Rd. @ Square Barn Rd.	F	Heavy westbound approach and eastbound left turn volumes	Improvement Completed
26	Randall Rd. @ Crane Road	F	Heavy northbound and southbound approach volumes	\$1,100,000
54	Randall Rd. @ Longmeadow Pkwy.	F	Heavy northbound and southbound approach volumes	\$600,000
17	Fabyan Pkwy. @ Paramount Pkwy.	F	Heavy westbound approach volume	\$200,000
6	Mooseheart Rd. @ IL-31	F	Heavy northbound and southbound approach volumes	\$2,600,000
	LaFox Rd. @ IL-38	F	Heavy eastbound and westbound approach volumes	Improvement Completed
32	Silver Glen Rd. @ IL-31	F	Heavy northbound and southbound approach volumes	\$1,600,000
14	Fabyan Pkwy. @ Kaneville Rd.	F	Heavy westbound approach volume	\$100,000
24	Randall Rd. @ IL-64	E	Heavy turning volumes on all approaches	Improvement Under Construction
39	Randall Rd. @ US-20 Ramps / Foothill Dr.	E	Heavy northbound and southbound approach volumes; heavy eastbound turning movements	\$20,000,000

Table 1-5 (cont.)

Proj.	Intersection	LOS	Reason for Deficiency	Est. Cost
17	Kirk Rd. @ Fabyan Pkwy.	E	Heavy turning movements on all approaches	\$1,800,000
51	Penny Rd. @ IL-68	E	Heavy westbound and eastbound approach volumes	\$1,000,000
11	Main St. @ Nelson Lake Rd.	E	Heavy westbound approach volume	\$2,600,000

Kane County Highway System Performance Levels

The modeled 2005 level of service for the various Kane County highway segments can be found in Table 1-6.

Table 1-6: Modeled 2005 Level of Service on Kane County Highways

CH	Route	From	To	2005 LOS
1	West County Line Road	Main Street	Owens Rd.	A
1	West County Line Road	Owens Rd	Perry Rd.	A
1	West County Line Road	Perry Rd.	Harter Rd.	A
1	West County Line Road	Harter Rd.	Keslinger Rd.	A
1	West County Line Road	Keslinger Rd.	IL-38	A
1	West County Line Road	IL-38	Thatcher Rd.	A
1	West County Line Road	Thatcher Rd.	Beith Rd.	A
1	West County Line Road	Beith Rd.	Pleasant St.	A
1	West County Line Road	Pleasant St.	Winters Rd.	A
1	West County Line Road	Winters Rd.	Peterson Rd.	A
1	West County Line Road	Peterson Rd.	IL-64	A
2	Burlington Road	Peplow Rd.	Romke Rd.	B
2	Burlington Road	Romke Rd.	Rohrsen Rd.	B
2	Burlington Road	Rohrsen Rd.	Plato Rd.	C
2	Burlington Road	Plato Rd.	Ellithorpe Rd.	B
3	Burlington Road	Ellithorpe Rd.	McDonald Rd.	B

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
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Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
2	Burlington Road	McDonald Rd.	IL-47	C
2	Burlington Road	IL-47	Silver Glen Rd.	D
2	Burlington Road	Silver Glen Rd.	Crestwood Rd.	B
2	Burlington Road	Crestwood Rd.	Empire Rd.	B
2	Burlington Road	Empire Rd.	Corron Rd.	D
2	Burlington Road	Corron Rd.	Old LaFox Rd.	C
2	Burlington Road	Old LaFox Rd.	Bolcum Rd	C
2	Burlington Road	Bolcum Rd.	IL-64	B
3	Allen Road	State St.	Widmayer Rd.	B
3	Allen Road	Widmayer Rd.	Ketchum Rd.	B
3	Allen Road	Ketchum Rd.	US-20	B
4	Perry Road	W. County Line Rd.	Miner Rd.	A
4	Perry Road	Miner Rd.	Harter Rd.	A
4	Harter Road	Perry Rd.	Dauberman Rd.	B
4	Harter Road	Dauberman Rd.	Main St.	B
4	Harter Road	Main St.	Seavey Rd.	B
4	Harter Road	Seavey Rd.	Lorang Rd.	B
4	Harter Road	Lorang Rd.	Lasher Rd.	B
4	Harter Road	Lasher Rd.	Scott Rd.	B
4	Harter Road	Scott Rd.	IL-47	B
5	Silver Glen Road	IL-47	Swanburg Rd.	C
5	Silver Glen Road	Swanburg Rd.	Burlington Rd.	B
5	Silver Glen Road	Burlington Rd.	Crestwood Dr.	B
5	Silver Glen Road	Crestwood Dr.	Corron Rd.	A
5	Silver Glen Road	Corron Rd.	Denker Rd.	A
5	Silver Glen Road	Denker Rd.	Stevens Rd.	A
5	Silver Glen Road	Stevens Rd.	Burr Rd.	B
5	Silver Glen Road	Burr Rd.	Crane Rd.	D
5	Silver Glen Road	Crane Rd.	Randall Rd.	C
5	Silver Glen Road	Randall Rd.	Foley Ln.	C
5	Silver Glen Road	Foley Ln.	IL-31	B

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
6	Galligan Road	IL-72	Binnie Rd.	F
6	Galligan Road	Binnie Rd.	Freeman Rd.	C
6	Galligan Road	Freeman Rd.	Huntley Rd.	C
7	Damisch Road	US-20	Reinking Rd.	B
7	Damisch Road	Reinking Rd.	Highland Ave.	B
7	Damisch Road	Highland Ave.	Big Timber Rd.	B
8	Fabyan Parkway	Main St.	Hughes Rd.	D
8	Fabyan Parkway	Hughes Rd.	Kaneville Rd.	C
8	Fabyan Parkway	Kaneville Rd.	Wenmoth Rd.	D
8	Fabyan Parkway	Wenmoth Rd.	Branson Dr.	C
8	Fabyan Parkway	Branson Dr.	Randall Rd.	C
8	Fabyan Parkway	Randall Rd.	Western Ave.	B
8	Fabyan Parkway	Western Ave.	Allen Rd.	B
8	Fabyan Parkway	Allen Rd.	IL-31	B
8	Fabyan Parkway	IL-31	IL-25	D
8	Fabyan Parkway	IL-25	Thoria Rd.	D
8	Fabyan Parkway	Thoria Rd.	Raddant Rd.	B
8	Fabyan Parkway	Raddant Rd.	Kirk Rd.	C
8	Fabyan Parkway	Kirk Rd.	East Co. Line	B
10	Main Street	West Co. Line Rd.	Swan Rd.	A
10	Main Street	Swan Rd.	Owens Rd.	A
10	Main Street	Owens Rd.	Dauberman Rd.	A
10	Main Street	Dauberman Rd.	Harter Rd.	B
10	Main Street	Harter Rd.	Bateman Rd.	A
10	Main Street	Bateman Rd.	Lorang Rd.	A
10	Main Street	Lorang Rd.	IL-47	A
10	Main Street	IL-47	Green Rd.	B
10	Main Street	Green Rd.	Bunker Rd.	B
10	Main Street	Bunker Rd.	Bliss Rd.	C
10	Main Street	Bliss Rd.	Fabyan Pkwy.	D
10	Main Street	Fabyan Pkwy.	Nelson Lake Rd.	B

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
10	Main Street	Nelson Lake Rd.	Weimouth Rd.	D
10	Main Street	Weimouth Rd.	Deerpath Rd.	C
10	Main Street	Deerpath Rd.	Randall Rd.	C
11	Peplow Road	IL-64	Ramm Rd.	A
11	Peplow Road	Ramm Rd.	Middleton Rd.	A
11	Peplow Road	Middleton Rd.	Ellithorpe Rd.	A
11	Peplow Road	Ellithorpe Rd.	Godfrey Rd.	A
11	Peplow Road	Godfrey Rd.	McGough Rd.	A
11	Peplow Road	McGough Rd.	Plank Rd.	A
11	French Road	Burlington Rd.	Lenschow Rd.	A
11	French Road	Lenschow Rd.	IL-72	B
14	Meredith Road	Keslinger Rd.	IL-38	A
14	Meredith Road	IL-38	McNulty Rd.	A
14	Meredith Road	McNulty Rd.	Beith Rd.	A
14	Meredith Road	Beith Rd.	Winters Rd.	B
14	Meredith Road	Winters Rd.	Welter Rd.	B
14	Meredith Road	Welter Rd.	IL-64	B
15	Healy Road	Bliss Rd.	Norris Rd.	B
15	Norris Road	Healy Rd.	Tanner Rd.	B
15	Tanner Road	Norris Rd.	Deerpath Rd.	B
15	Deerpath Road	Tanner Rd.	Oak St.	D
15	Oak Street	Deerpath Rd.	Orchard Rd.	C
16	Bunker Road	Main St.	Hughes Rd.	C
16	Bunker Road	Hughes Rd.	Keslinger Rd.	C
17	Bowes Road	Muirhead Rd.	Crawford Rd.	C
17	Bowes Road	Crawford Rd.	Corron Rd.	B
17	Bowes Road	Corron Rd.	Nesler Rd.	C
17	Bowes Road	Nesler Rd.	Nolan Rd.	B
17	Bowes Road	Nolan Rd.	S. Water Rd.	B
17	Bowes Road	S. Water Rd.	Dell Webb Blvd.	B
17	Bowes Road	Dell Webb Blvd.	Randall Rd.	B

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
17	Bowes Road	Randall Rd.	McLean Blvd.	C
18	McLean Road	Spring Rd.	Bowes Rd.	E
19	Dunham Road	Kirk Rd.	Army Trail Rd.	E
19	Dunham Road	Army Trail Rd.	Rochefort Ln.	D
19	Dunham Road	Rochefort Ln.	Stearns Rd.	B
19	Dunham Road	Stearns Rd.	IL-25	E
20	Army Trail Road	IL-25	East Co. Line	D
21	Big Timber Road	Harmony Rd.	Widmayer Rd.	A
21	Big Timber Road	Widmayer Rd.	Gast Rd.	A
21	Big Timber Road	Gast Rd.	Ketchum Rd.	A
21	Big Timber Road	Ketchum Rd.	US-20	B
21	Big Timber Road	US-20	Reinking Rd.	B
21	Big Timber Road	Reinking Rd.	IL-47	B
21	Big Timber Road	IL-47	Manning Rd.	B
21	Big Timber Road	Manning Rd.	Powers Rd.	B
21	Big Timber Road	Powers Rd.	IL-72	B
21	Big Timber Road	IL-72	Damisch Rd.	C
21	Big Timber Road	Damisch Rd.	McCormack Rd.	B
21	Big Timber Road	McCormack Rd.	Coombs Rd.	C
21	Big Timber Road	Coombs Rd.	Tyrrell Rd.	D
21	Big Timber Road	Tyrrell Rd.	Randall Rd.	D
22	Plank Road	Burlington Rd.	Romke Rd.	A
22	Plank Road	Romke Rd.	Brier Hill Rd.	B
22	Plank Road	Brier Hill Rd.	IL-47	A
22	Plank Road	IL-47	Bahr Rd.	B
22	Plank Road	Bahr Rd.	Marshall Rd.	B
22	Plank Road	Marshall Rd.	Muirhead Rd.	B
22	Plank Road	Muirhead Rd.	Switzer Rd.	B
22	Plank Road	Switzer Rd.	Russell Rd.	B
22	Plank Road	Russell Rd.	US-20	C
23	Thatcher Road	W. County Line Rd.	Root Ln.	A

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
23	Thatcher Road	Root Ln.	Howard Rd.	B
23	Thatcher Road	Howard Rd.	McNulty Rd.	A
23	Thatcher Road	McNulty Rd.	Beith Rd.	A
23	Beith Road	Thatcher Rd.	Meredith Rd.	A
23	Beith Road	Meredith Rd.	Francis Rd.	A
23	Beith Road	Francis Rd.	Freeland Rd.	A
23	Beith Road	Freeland Rd.	IL-47	B
24	West County Line Rd.	US-30	Hinckley Rd.	A
24	Hinckley Road	W. Co. Line Rd.	Jericho Rd.	A
24	Jericho Road	Hinckley Road	Green Acre Rd.	A
24	Jericho Road	Green Acre Rd.	Nelson Rd.	A
24	Jericho Road	Nelson Rd.	Price Rd.	A
24	Jericho Road	Price Rd.	Granart Rd.	A
24	Jericho Road	Granart Rd.	Jones Rd.	A
24	Jericho Road	Jones Rd.	Clark Rd.	B
24	Jericho Road	Clark Rd.	Jeter Rd.	B
24	Jericho Road	Jeter Rd.	Dugan Rd.	B
24	Jericho Road	Dugan Rd.	Mighell Rd.	C
24	Jericho Road	Mighell Rd.	IL-47	B
24	Jericho Road	IL-47	Bertram Rd.	C
24	Jericho Road	Bertram Rd.	Barnes Rd.	B
24	Jericho Road	Barnes Rd.	Orchard Rd.	B
26	Hughes Road	IL-47	Pouley Rd.	B
26	Hughes Road	Pouley Rd.	Smith Rd.	B
26	Hughes Road	Smith Rd.	Bunker Rd.	B
26	Hughes Road	Bunker Rd.	Fabyan Pkwy.	B
27	IC Trail	IL-64	Sauber Rd.	B
27	Sauber Road	IC Trail	Lees Rd.	B
27	Lees Road	Sauber Road	Warford Rd.	A
27	Lees Road	Warford Rd.	IL-47	B
28	McGough Road	IL-64	Ramm Rd.	A

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
28	McGough Road	Ramm Road	Middleton Rd.	A
28	McGough Road	Middleton Rd.	Ellithorpe Rd.	A
28	McGough Road	Ellithorpe Rd.	Marcy Rd.	A
28	McGough Road	Marcy Rd.	Lawrence Rd.	A
28	McGough Road	Lawrence Rd.	Waughon Rd.	A
28	McGough Road	Waughon Rd.	Peplow Rd.	A
29	Montgomery Road	IL-25	Broadway Ave.	C
29	Montgomery Road	Broadway Ave.	Douglas Rd.	E
29	Montgomery Road	Douglas Rd.	5th St.	B
29	Montgomery Road	5th St.	Hill Ave.	D
30	Huntley Road	N. Co. Line Rd.	Galligan Rd.	C
30	Huntley Road	Galligan Rd.	Square Barn Rd.	D
30	Huntley Road	Square Barn Rd.	Boyer Rd.	C
30	Huntley Road	Boyer Rd.	Randall Rd.	D
30	Huntley Road	Randall Rd.	Miller Rd.	D
30	Huntley Road	Miller Rd.	Binnie Rd.	D
30	Huntley Road	Binnie Rd.	Sleepy Hollow Rd.	D
32	Plato Road	Burlington Rd.	Tower Rd.	B
32	Plato Road	Tower Rd.	IL-47	A
32	Plato Road	IL-47	Kendall Rd.	C
32	Plato Road	Kendall Rd.	Dittman Rd.	A
32	Plato Road	Dittman Rd.	Rippenburger Rd.	B
32	Plato Road	Rippenburger Rd.	Muirhead Rd.	A
32	Muirhead Rd.	Plato Rd.	Bowes Rd.	B
33	Rippenburger Road	Plato Rd.	Russell Rd.	B
33	Russell Road	Rippenburger Rd.	Muirhead Rd.	A
33	Russell Road	Muirhead Rd.	Stonebriar Ln.	C
33	Russell Road	Stonebriar Ln.	Plank Rd.	C
34	Randall Road	I-88	Oak St.	B
34	Randall Road	Oak St.	Orchard Rd.	B

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
34	Randall Road	Orchard Rd.	Heritage	C
34	Randall Road	Heritage Dr.	Private Dr.	C
34	Randall Road	Private Drive	Main St.	C
34	Randall Road	Main St.	Wilson St.	C
34	Randall Road	Wilson St.	McKee Rd.	B
34	Randall Road	McKee Rd.	Fabyan Pkwy.	B
34	Randall Road	Fabyan Pkwy.	Gleneagle Dr.	C
34	Randall Road	Gleneagle Dr.	Fargo Dr.	C
34	Randall Road	Fargo Dr.	Keslinger Rd.	C
34	Randall Road	Keslinger Rd.	Williamsburg Dr.	B
34	Randall Road	Williamsburg Dr.	Bricker Rd.	B
34	Randall Road	Bricker Rd.	IL-38	B
34	Randall Road	IL-38	Prairie St.	C
34	Randall Road	Prairie St.	Oak St.	C
34	Randall Road	Oak St.	IL-64	B
34	Randall Road	IL-64	Dean St.	C
34	Randall Road	Dean St.	Wild Rose Ln.	C
34	Randall Road	Wild Rose Ln.	Crane Rd.	C
34	Randall Road	Crane Rd.	Middle Creek Dr.	C
34	Randall Road	Middle Creek Dr.	Red Gate Rd.	B
34	Randall Road	Red Gate Rd.	Bolcum Rd.	C
34	Randall Road	Bolcum Rd.	Silver Glen Rd.	C
34	Randall Road	Silver Glen Rd.	McDonald Rd.	C
34	Randall Road	McDonald Rd.	Hopps Rd.	B
34	Randall Road	Hopps Rd.	Bowes Rd.	C
34	Randall Road	Bowes Rd.	South St.	C
34	Randall Road	South St.	US-20	D
34	Randall Road	US-20	Highland Ave.	C
34	Randall Road	Highland Ave.	Royal Dr.	C
34	Randall Road	Royal Dr.	Big Timber Rd.	C
34	Randall Road	Big Timber Rd.	Fox Ln.	C

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
34	Randall Road	Fox Ln.	Alft Ln.	C
34	Randall Road	Alft Ln.	I-90	D
34	Randall Road	I-90	Saddle Club Dr.	C
34	Randall Road	Saddle Club Dr.	IL-72	C
34	Randall Road	IL-72	Binnie Rd.	B
34	Randall Road	Binnie Rd.	Huntley Rd.	C
34	Randall Road	Huntley Rd.	N. County Line Rd.	B
35	Granart Road	Kendall Co. Line	Jericho Rd.	B
35	Granart Road	Jericho Rd.	Rhodes St.	B
36	State Street	Soo Line RR	Allen Rd.	A
36	Harmony Road	Allen Rd.	Kelley Rd.	B
36	Harmony Road	Kelley Rd.	Melms Rd.	A
36	Harmony Road	Melms Rd.	Big Timber Rd.	B
36	Harmony Road	Big Timber Rd.	Higgins Rd.	B
36	Harmony Road	Big Timber Rd.	Getty Rd.	A
36	Getty Road	Harmony Rd.	US-20	A
37	Stearns Road	Dunham Rd.	E. Co. Line	D
38	Plank Road	W. Co. Line Rd.	Lawrence Rd.	A
38	Plank Road	Lawrence Rd.	Waughon Rd.	A
38	Plank Road	Waughon Rd.	Burlington Rd.	B
40	Penny Road	IL-68	E. Co. Line	C
41	Keslinger Road	West Co. Line Rd.	Schrader Rd.	A
41	Keslinger Road	Schrader Rd.	Watson Rd.	A
41	Keslinger Road	Watson Rd.	Meredith Rd.	A
41	Keslinger Road	Meredith Rd.	Dauberman Rd.	B
41	Keslinger Road	Dauberman Rd.	Francis Rd.	B
41	Keslinger Road	Francis Rd.	Schneider Rd.	B
41	Keslinger Road	Schneider Rd.	IL-47	B
41	Keslinger Road	IL-47	Pouley Rd.	C
41	Keslinger Road	Pouley Rd.	Hartley Rd.	B
41	Keslinger Road	Hartley Rd.	Bunker Rd.	D

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
41	Keslinger Road	Bunker Rd.	LaFox Rd.	C
41	Keslinger Road	LaFox Rd.	Linlar Dr.	B
41	Keslinger Road	Linlar Dr.	Brundige Dr.	B
41	Keslinger Road	Brundige Dr.	Bartlett Rd.	C
41	Keslinger Road	Bartlett Rd.	Lea Dr.	B
41	Keslinger Road	Lea Dr.	Peck Rd.	B
41	Keslinger Road	Peck Rd.	Randall Rd.	F
44	Davis Road	US-30	Wheeler Rd.	A
44	Davis Road	Wheeler Rd.	Scott Rd.	A
44	Scott Rd.	Davis Rd.	Swan Rd.	A
44	Swan Rd.	Scott Rd.	Lasher Rd.	A
44	Swan Rd.	Lasher Rd.	Main St.	A
45	Allen Rd.	W. Co. Line Rd.	Walker Rd.	A
45	Allen Rd.	Walker Rd.	Harmony Rd.	A
46	Burlington Road	Lenschow Rd.	French Rd.	B
46	Burlington Road	French Rd.	Plank Rd.	B
46	Burlington Road	Plank Rd.	Peplow Rd.	B
46	Walker Road	Lenschow Road	IL-72	B
46	Walker Road	IL-72	Allen Rd.	A
47	Highland Avenue	Damisch Rd.	McCormack Rd.	C
47	Highland Avenue	McCormack Rd.	Coombs Rd.	C
47	Highland Avenue	Coombs Rd.	Randall Rd.	D
48	Scott Road	Davis Rd.	Florence Rd.	A
48	Scott Road	Florence Rd.	Daubermann Rd.	A
48	Scott Road	Daubermann Rd.	Dugan Rd.	A
48	Scott Road	Dugan Rd.	Harter Rd.	B
49	Ellithorpe Road	McGough Rd.	Peplow Rd.	A
49	Ellithorpe Road	Peplow Rd.	Chapman Rd.	A
49	Ellithorpe Road	Chapman Rd.	Burlington Rd.	A
51	Dittman Road	Burlington Rd.	McDonald Rd.	B
51	Dittman Road	McDonald Rd.	Lenz Rd.	B

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
51	Dittman Road	Lenz Rd.	Plato Rd.	A
52	Manning Road	Big Timber Rd.	IL-47	E
56	Ramm Road	McGough Rd.	Snyder Rd.	A
56	Ramm Road	Snyder Rd.	Barron Rd.	A
56	Ramm Road	Barron Rd.	Peplow Rd.	A
56	Ramm Road	Peplow Rd.	Sauber Rd.	A
56	Ramm Road	Sauber Rd.	Warford Rd.	A
56	Ramm Road	Warford Rd.	Thomas Rd.	A
56	Ramm Road	Thomas Rd.	IL-47	A
59	Tyrrell Road	Big Timber Rd.	Mason Rd.	C
59	Tyrrell Road	Mason Rd.	IL-72	C
61	West Bartlett Road	IL-25	E. Co. Line	D
62	Dauberman Road	US-30	Wheeler Rd.	A
62	Dauberman Road	Wheeler Rd.	Scott Rd.	A
62	Dauberman Road	Scott Rd.	Lasher Rd.	A
62	Dauberman Road	Lasher Rd.	Main St.	A
62	Dauberman Road	Main St.	Harter Rd.	A
62	Dauberman Road	Harter Rd.	Keslinger Rd.	A
69	Empire Road	IL-47	Swanburg Rd.	B
69	Empire Road	Swanburg Rd.	Burlington Rd.	A
71	Mooseheart Road	Randall Rd.	IL-31	E
77	Kirk Road	IL-56	Mesa Lane	C
77	Kirk Road	Mesa Lane	GieseDr.	B
77	Kirk Road	Giese Dr.	Pine Dr.	C
77	Kirk Road	Pine Dr.	Wilson St.	C
77	Kirk Road	Wilson st.	Hubbard St.	C
77	Kirk Road	Hubbard St.	Fabyan Pkwy.	C
77	Kirk Road	Fabyan Pkwy.	Cherry Ln.	C
77	Kirk Road	Cherry Lane	IL-38	C
77	Kirk Road	IL-38	Division St.	C
77	Kirk Road	Division St.	Tyler Rd.	C

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
77	Kirk Road	Tyler Rd.	Ohio St.	C
77	Kirk Road	Ohio St.	IL-64	B
77	Kirk Road	IL-64	Mosely Dr.	D
77	Kirk Road	Mosely Dr.	Dunham Rd.	D
78	Bliss Road	IL-47	Ke-De-Ka Rd.	B
78	Bliss Road	Ke-De-Ka Rd.	Merrill Rd.	B
78	Bliss Road	Merrill Rd.	Healy Rd.	C
78	Bliss Road	Healy Rd.	Norris Road	B
78	Bliss Road	Norris Rd.	Seavey Rd.	C
78	Bliss Road	Seavey Rd.	Main St.	D
80	Corron Road	Burlington Rd.	Silver Glen Rd.	D
80	Corron Road	Silver Glen Rd.	McDonald Rd.	B
80	Corron Road	McDonald Rd.	Bowes Rd.	C
81	LaFox Road	Keslinger Rd.	IL-38	B
81	LaFox Road	IL-38	Campton Hills Rd.	C
81	LaFox Road	Campton Hills Rd.	IL-64	C
83	Orchard Road	US-30	Aucutt Rd.	C
83	Orchard Road	Aucutt Rd.	Rochester Dr.	D
83	Orchard Road	Rochester Dr.	Jericho Rd.	D
83	Orchard Road	Jericho Rd.	Prairie St.	C
83	Orchard Road	Prairie St.	Galena Blvd.	B
83	Orchard Road	Galena Blvd.	Illinois St.	B
83	Orchard Road	Illinois St.	Indian Trail Rd.	B
83	Orchard Road	Indian Trail Rd.	Sullivan Dr.	B
83	Orchard Road	Sullivan Dr.	I-88	B
83	Orchard Road	I-88	Oak St.	B
83	Orchard Road	Oak St.	White Oak Dr.	A
83	Orchard Road	White Oak Dr.	Randall Rd.	A
84	Kaneville Road	Fabyan Pkwy.	Peck Rd.	D
84	Peck Road	Kaneville Rd.	Keslinger Rd.	D
84	Peck Road	Keslinger Rd.	Bricher Rd.	D

Table 1-6 (cont.)

CH	Route	From	To	2005 LOS
84	Peck Road	Bricher Rd.	IL-38	C

Section 2: Commitment to Cure Existing Deficiencies

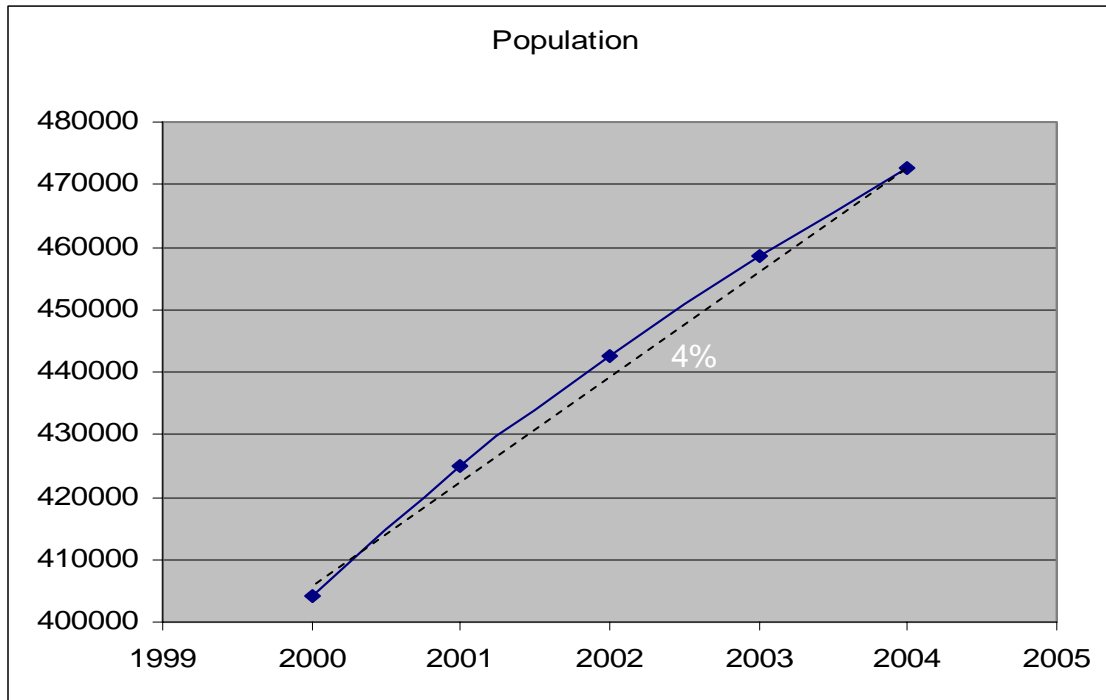
Through adoption of this Comprehensive Road Improvement Plan, the County of Kane is committed to correcting, to the extent practicable, the deficiencies in the highway system identified in Section 1 of this Plan. The projects needed to correct the existing deficiencies are identified in Section 4, and a schedule for their implementation can be found in Section 7.

As part of its Annual Report on the Impact Fee Program, the Division of Transportation will report to the Impact Fee Advisory Committee and County Board as to the County's progress in addressing the existing deficiencies.

Section 3: Land Use Assumptions

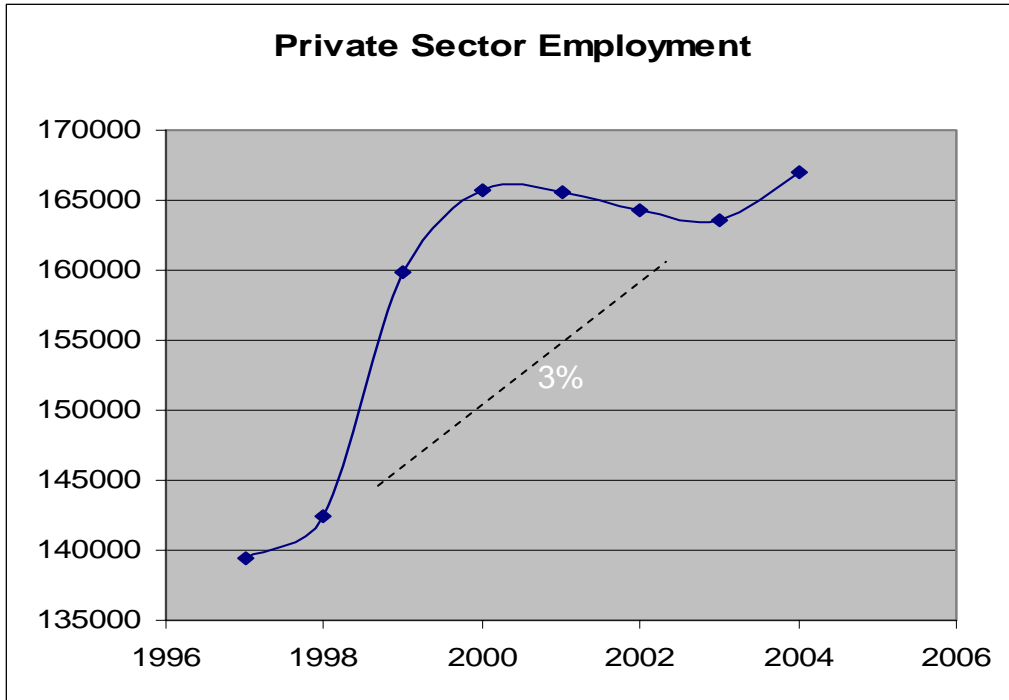
In updating the Land Use Assumptions previously adopted by the Kane County Board, an analysis was first performed of population and employment growth in Kane County from 2000 to 2004. These trends are depicted in Figures 3-1 and 3-2, respectively. This analysis indicates that over the past five years, Kane County has experienced population growth of approximately 4% per year and employment growth of approximately 3% per year, although employment growth was much more uneven due to general economic conditions in the Chicago region.

Figure 3-1: Kane County Population Growth, 2000 to 2004



Source: US Census

Figure 3-2: Kane County Employment Growth, 2000 to 2004



Looking forward, it is anticipated that both population and employment growth will slow, compared to current growth rates, over the next twenty-five years so that much of Kane County's population and employment growth between 2005 and 2030 will occur earlier in that time period, as indicated in Figures 3-3 and 3-4.

Figure 3-3: Kane County Population Growth Forecast

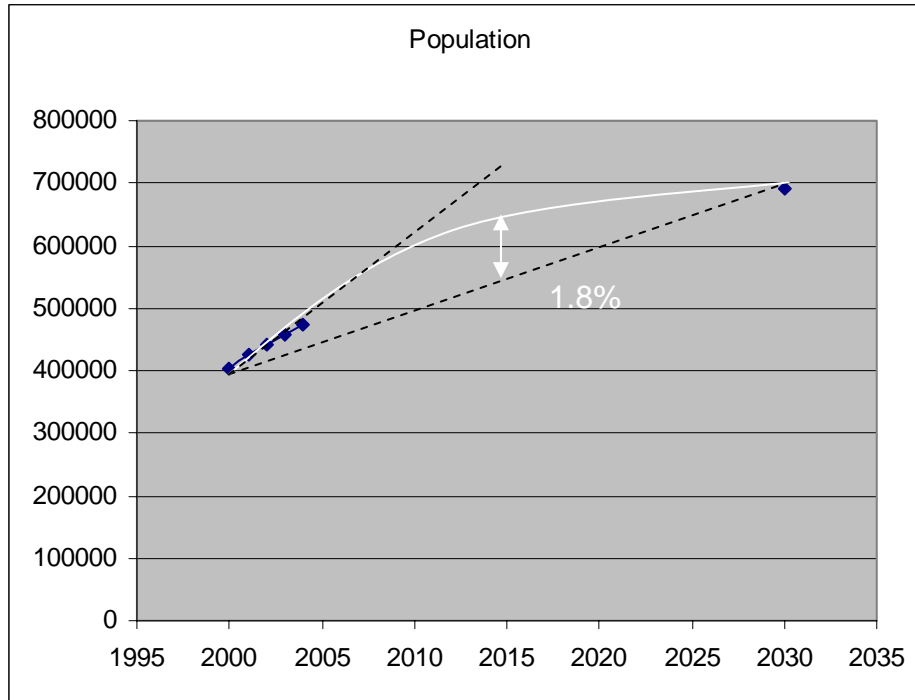
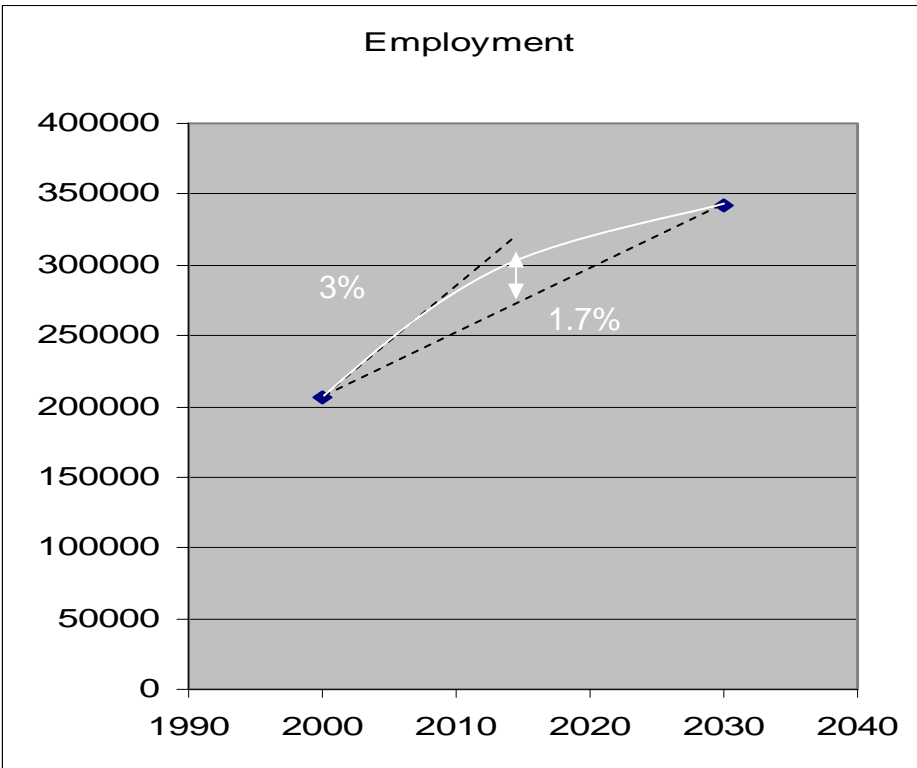


Figure 3-4: Kane County Employment Growth Forecast

Utilizing these forecasts, together with specific land use data obtained from Kane County municipalities, the Land Use Assumptions contained in Tables 3-1 through 3-4 were developed and, following public input, were adopted by the Kane County Board.

Table 3-1: Population Growth by Township

Township	Control Totals		Public Hearing		Adopted Land Use Assumptions	
	2000 ¹	2030 ²	2005 ³	2015 ⁴	2005 ³	2015 ⁵
Aurora	115,553	121,587	140,094	150,000	140,094	150,000
Batavia	30,137	38,775	35,473	37,000	35,473	37,778
Big Rock	1,938	2,367	2,753	4,000	2,753	4,000
Blackberry	6,071	23,993	7,806	19,865	7,806	19,865
Burlington	1,834	16,158	2,364	13,590	2,364	14,373
Campton	14,072	27,427	16,132	23,698	16,132	23,698
Dundee	53,207	72,695	65,801	68,000	65,801	68,000
Elgin	90,384	116,898	98,898	105,723	98,898	105,723
Geneva	23,268	29,825	28,132	29,000	28,132	31,700
Hampshire	4,793	20,771	6,693	16,790	6,693	30,573
Kaneville	1,292	1,816	1,782	2,800	1,782	2,800
Plato	4,018	44,170	4,801	37,569	4,801	37,569
Rutland	3,959	40,442	10,212	29,721	10,212	29,721
St. Charles	42,051	56,432	50,085	54,000	50,085	54,000
Sugar Grove	9,595	75,272	15,780	60,294	15,780	47,620
Virgil	1,947	3,723	2,768	3,200	2,768	3,200
County Totals	404,119	692,351	489,574	655,249	489,574	660,620

¹U.S. Census 2000

²Published by Northeastern Illinois Planning Commission (NIPC). Consistent with Adopted Projections

³Extrapolated from U.S. Census population estimates for years 2001 through 2004.

⁴Estimated based on municipal input, Kane County demographic data, and NIPC projections

⁵Revised based on further municipal input received subsequent to the public hearing

Table 3-2: Employment Growth by Township

Township	Control Totals		Public Hearing		Adopted Land Use Assumptions	
	2000 ¹	2030 ²	2005 ³	2015 ⁴	2005 ³	2015 ⁵
Aurora	63,213	84,577	73,283	79,443	73,283	79,443
Batavia	12,130	18,475	14,062	16,950	14,062	16,503
Big Rock	252	6,498	292	4,997	292	750
Blackberry	1,413	2,863	1,638	2,514	1,638	2,514
Burlington	379	1,445	439	1,189	439	1,090
Campton	149	841	173	675	173	675
Dundee	26,867	56,274	31,147	49,208	31,147	49,208
Elgin	50,560	63,782	58,614	60,605	58,614	60,605
Geneva	20,066	27,111	23,263	25,418	23,263	24,730
Hampshire	1,272	6,725	1,475	5,415	1,475	5,415
Kaneville	181	217	210	208	210	225
Plato	278	5,382	322	4,156	322	4,156
Rutland	1,494	12,171	1,732	9,606	1,732	9,606
St. Charles	26,045	36,022	30,194	33,625	30,194	33,625
Sugar Grove	1,748	19,836	2,026	15,490	2,026	8,200
Virgil	60	463	70	366	70	366
County Totals	206,107	342,684	238,940	309,865	238,940	297,111

¹U.S. Census 2000

²Adopted by Northeastern Illinois Planning Commission (NIPC)

³Extrapolated from Illinois Department of Labor private sector employment trends for years 1997 through 2004.

⁴Estimated based on municipal input, Kane County demographic data, and NIPC projections

⁵Revised based on further municipal input received subsequent to the public hearing

Table 3-3: New Residential Units by Township, 2005-2015

Township	New Residential Units
Aurora	3,227
Batavia	809
Big Rock	434
Blackberry	4,047
Burlington	4,214
Campton	2,335
Dundee	694
Elgin	2,329
Geneva	1,274
Hampshire	8,150
Kaneville	353
Plato	10,536
Rutland	7,503
St. Charles	1,424
Sugar Grove	11,056
Virgil	154

Table 3-4: New Non-Residential Development by Township, 2005-2015

Township	New Development (1,000 square feet)				
	Industrial	Office	Retail	Medical	Service
Aurora	2050	200	528	283	706
Batavia	529	143	400	110	229
Big Rock	119	0	60	40	50
Blackberry	200	0	150	105	63
Burlington	129	12	208	40	49
Campton	10	30	57	66	34
Dundee	6,000	600	3,400	836	1,500
Elgin	720	80	153	66	230
Geneva	125	53	225	106	181
Hampshire	1751	159	303	177	330
Kaneville	0	0	15	0	0
Plato	70	100	120	600	88
Rutland	2,610	500	1,025	120	800
St. Charles	991	210	420	250	200
Sugar Grove	636	600	800	250	600
Virgil	60	5	50	6	48

Section 4: Proposed Roadway Improvement Plan

Following adoption of the ten year Land Use Assumptions by the Kane County Board, projected traffic volumes on County highways were estimated using a transportation planning model. Resulting traffic volumes were used to identify highway improvement projects needed to accommodate future development and preserve an acceptable level of service on County highways. The cost of those projects, including engineering, land acquisition and construction were estimated. The plan was reviewed by the Impact Fee Advisory Committee and municipal comments were solicited. After extensive review and discussion, the projects identified in Table 4-1 and depicted in Figure 4-1 were recommended by the Impact Fee Advisory Committee. For those projects that in whole or in part are needed to address deficiencies identified in Section 1, the portion of the project cost needed to address that deficiency is not included in the cost calculation element of the Impact Fee calculation.

Table 4-1: Proposed Roadway Improvement Plan

Proj. #	Route	Location/Limits	Project Scope*	Est. Cost (\$Mill)	IF Eligible**	IF Cost (\$Mill)
1	Granart Rd.	Jericho to US-30 /Dauberman	GS, RA, CH, SI, NR	18.9	Y	16.9
2	Harter Rd.	at IL-47	CH, SI	2.1	Y	1.1
3	Bliss Rd.	IL-47 to Healy Rd.	WI-4, BR, BH	14.7	Y	14.7
4	Orchard Rd.	South of Jericho Rd. to US-30	CH, WI-4	22.7	Y	22.7
6	Mooseheart Rd.	at IL-31	CH, SI	2.6	N	
8	Main St.	at IL-47	CH, BR, SI	5.3	Y	2.8
9	Bunker Rd.	at Main St.	SI, CH	1.6	Y	1.6
10	Bliss Rd.	Healy Rd. to Fabyan/Main	WI-4, RA, CH, SI	15.8	Y	15.8
11	Main St.	at Nelson Lake Rd.	CH, SI	2.6	N	
12	Main St.	at Deerpath Rd.	CH, SI	2.6	Y	2.6
13	Fabyan Parkway	Main to Randall	CH, WI-4, SI, RA	40.7	Y	40.7
14	Kaneville Rd.	at Fabyan	CH, SI	0.2	P	0.1
16	Fabyan Parkway	IL 31 to IL-25	CH, SI, BH	21.4	Y	16.2
17	Fabyan Parkway	Kirk Rd. to Paramount Dr.	CH, SI	10.5	P	8.5
18	Bunker Rd.	Realignment with LaFox	RA, CH, SI, NR	5.3	Y	5.3
19	Keslinger Rd.	at Randall	CH	2.1	N	
20	Kirk Rd.	at IL-38	CH, BW	11.2	Y	7.2
21	Anderson Rd.	Keslinger to IL-38	NR, GS	15.8	Y	6.8
23	LaFox Rd.	at Campton Hills Rd.	CH, SI	4.6	Y	4.6
24	Randall Rd.	at IL-64	CH, WI-6	21.8	N	

Table 4-1 (cont.)

Proj. #	Route	Location/Limits	Project Scope*	Est. Cost (\$Mill)	IF Eligible**	IF Cost (\$Mill)
25	Beith Rd.	at IL-47	CH, SI	2.1	Y	1.1
26	Randall Rd.	at Crane Rd.	CH, SI	1.1	N	
27	Empire Rd.	at IL-47	CH, SI, RA	4.2	Y	2.7
28	Burlington Rd.	at Old LaFox Road	CH, SI	1.6	Y	1.6
29	Corron Rd.	at Burlington Road	CH, SI	1.6	Y	1.6
30	Randall Rd.	at Red Gate Rd.	CH, SI	1.6	Y	1.6
31	Dunham Rd.	at Kirk Rd.	SI	0.3	Y	0.3
32	Silver Glen Rd.	at IL-31	CH	1.6	N	
33	Burlington Rd.	at IL-47	CH, SI	2.1	P	0.4
34	Randall Rd.	at ICRR	GS	17.2	Y	17.2
35	Stearns Rd.	Bridge Corridor	NR, BR, SI, NB	139.7	Y	73.7
36	Dunham Rd.	at Stearns/IL-25	CH, RA, SI	23.5	Y	12.3
37	McLean Rd.	Hopps to Bowes	CH, WI-4	8.4	Y	2.9
38	Plato Rd.	at IL-47	CH, SI	2.1	Y	1.1
39	Randall Rd.	South St. to Highland Ave.	IC, CH, WI-6	42.0	P	22.0
40	Randall Rd.	Highland Ave. to Royal	CH, WI-6	11.6	Y	11.6
41	Plank Rd.	at IL-47	CH, SI	1.9	Y	1.0
42	Plank Rd.	at Russell Rd.	CH, SI	1.6	Y	1.6
43	Randall Rd.	Royal to Big Timber	CH, WI-6	31.5	Y	31.5
44	Big Timber Rd.	Coombs to Randall	WI-4, CH	26.3	Y	26.3
45	French Rd.	Realignment with Harmony	RA, GS, NR	15.8	Y	15.8
46	Big Timber Rd.	Ketchum to Manning	WI-4, SI	36.8	Y	36.8
47	Big Timber Rd.	Manning to Damisch	WI-4, SI	24.2	P	20.7
48	Big Timber Rd.	Damisch to Coombs	WI-4, CH	22.1	Y	22.1
49	Randall Rd.	Joy Ln. to Huntley Rd.	CH, WI-6	26.3	Y	26.3
50	Huntley Rd.	Randall to Sleepy Hollow	WI-4	16.8	Y	16.8
51	Penny Rd.	at IL-68	CH, SI, RA	1.6	P	0.6
52	Galligan Rd.	Binnie Rd. to Freeman Rd.	CH, WI-4	3.2	Y	3.2

Table 4-1 (cont.)

Proj. #	Route	Location/Limits	Project Scope*	Est. Cost (\$Mill)	IF Eligible**	IF Cost (\$Mill)
54	Randall Rd.	Huntley to Longmeadow Pkwy.	CH, SI	5.3	P	4.7
55	Longmeadow Pkwy.	Bridge Corridor	NR, NB	77.7	Y	38.7
57	Lake Cook Rd.	at IL-62	CH	2.1	Y	1.1
58	Montgomery Rd.	IL-25 to Hill Rd.	CH, WI-4	24.2	Y	23.2
59	Harter Rd.	at Scott Rd.	CH, SI	1.6	Y	1.6
61	Peplow Rd.	Realignment with French Rd	RA, NR, GS	15.8	Y	15.8
64	Meredith Rd.	Realignment with Peplow	RA, NR	5.3	Y	4.6
66	Orchard Rd.	Indian Trail to Oak	WI-6, BW	14.7	Y	14.7
67	Hughes Rd.	at IL-47	CH, SI	1.6	Y	0.6
69	Harter Rd.	at Main St.	CH, SI	2.1	Y	2.1
70	Main St.	Fabyan to Nelson Lake Rd.	WI-4	20.0	Y	20.0
71	Main St.	Nelson Lake Rd. to Randall Rd.	WI-4, CH, SI	17.9	Y	17.9
72	Kirk Rd.	Lathem St. to S. of Fabyan Pkwy.	CH	7.9	Y	7.9
74	Galligan Rd.	Realignment south of Huntley Rd.	CH, SI	1.6	Y	1.6
75	Randall Rd.	Main St. to Keslinger Rd.	WI-6, BW	36.8	Y	36.8
76	Randall Rd.	Keslinger Rd. to IL-64	WI-6	26.3	Y	26.3
78	Randall Rd.	Big Timber to Joy	WI-6, IC	33.6	Y	33.6
79	Randall Rd.	Huntley to S. Corporate Blvd.	WI-6	15.8	Y	15.8
80	Plank Rd.	Realignment	RA, NR	3.2	Y	3.2
81	Randall Rd.	Silver Glen to South Street	WI-6	42.0	Y	42.0
82	Orchard Rd.	Oak to Randall	WI-6	21.0	Y	21.0
84	Huntley Rd.	Co. Line to Randall	WI-4	43.6	Y	43.6
85	Kirk Rd.	at IL-56	CH, SI	8.4	P	4.4
87	Kirk Rd.	at IL-64	CH, SI	15.8	Y	8.3

Table 4-1 (cont.)

Proj. #	Route	Location/Limits	Project Scope*	Est. Cost (\$Mill)	IF Eligible**	IF Cost (\$Mill)
88	Dunham Rd.	Stearns to south High School Ent.	CH, BW	12.6	Y	12.6
89	Kaneville Rd.	at Peck	SI, CH	1.6	Y	1.6
90	Fabyan Parkway	Western to Kirk Rd	CH, SI	15.1	Y	15.1
	TOTAL COST			1,164.9		939.1

*Project Scope Codes

AWS	All Way Stop
BH	Bridge Rehabilitation
BR	Bridge Replacement
BW	Bridge Widening
CH	Channelization / Turn Lanes
GS	Grade Separation
IC	Interchange
NB	New Bridge
NR	New Road
RA	Roadway Realignment
SI	Traffic Signal Installation
WI-3	Add Left Turn Lane
WI-4	Widen to 4 through lanes
WI-6	Widen to 6 through lanes

** Eligibility Codes

Y	Eligible for IF funding
N	Ineligible for IF funding
P	Partially eligible for IF funding

Figure 4-1: Proposed Roadway Improvement Plan

Kane County Road Improvement Impact Fee Program 2015 Comprehensive Road Improvement Plan

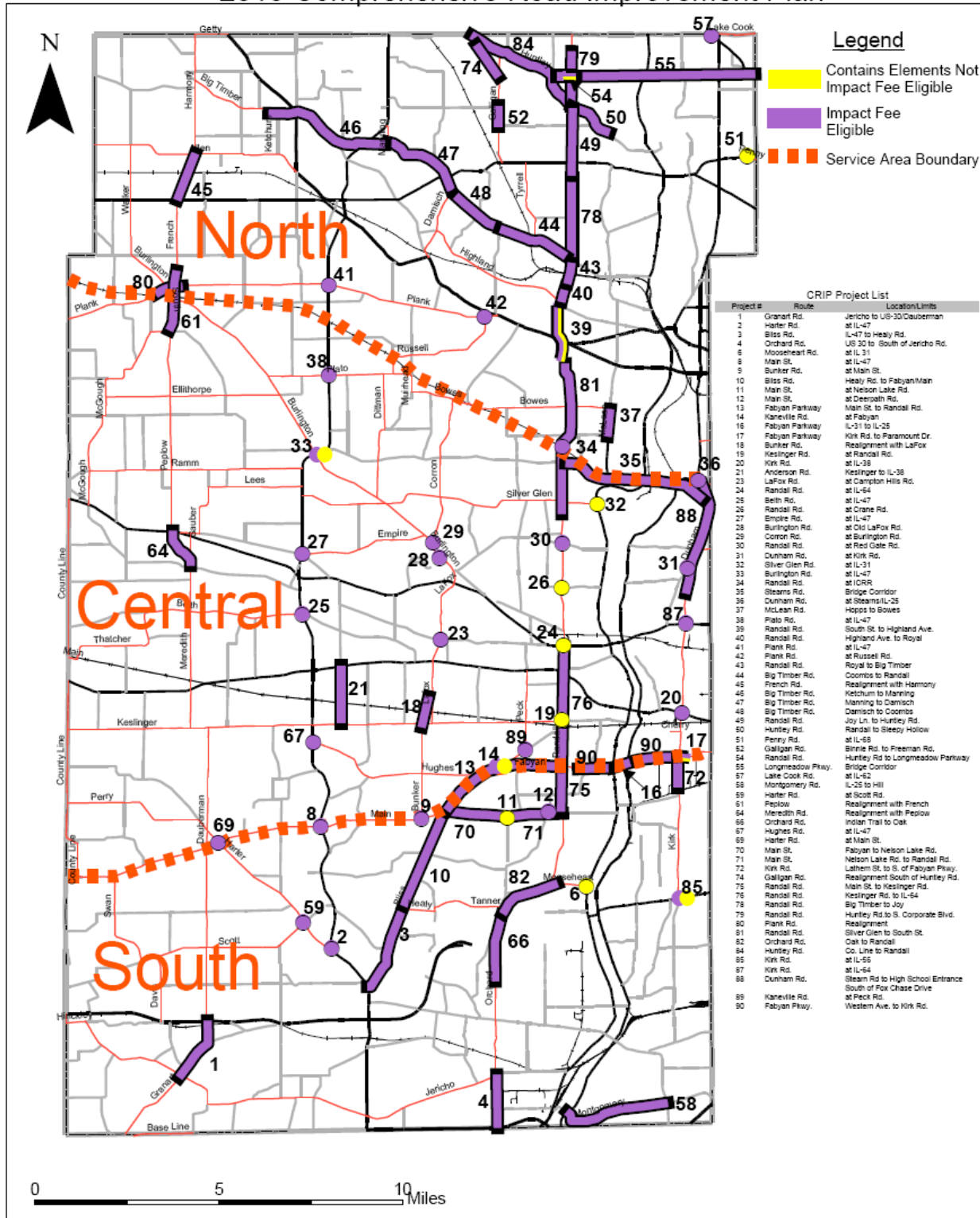


Table 4-2: Scope of Proposed Improvements

Proj. #	Scope
1	Granart Road – Jericho to US-30 / Dauberman Eligible Scope Includes: Addition of left turn lanes on all legs at the Jericho Road and US-30 intersections; addition of left turn lanes on Granart at Rhodes Avenue; construction of approximately 3,200 lineal feet of new 2-lane rural roadway on a new north-south alignment from the intersection of Dauberman and US-30, due south to existing Granart, including a grade separation at the BNRR and US 30; profile adjustment on Dauberman to accommodate vertical alignment of railroad overpass; realignment of the east leg of the new intersection formed by the Dauberman extension. Anticipate IDOT cost participation.
2	Harter Road at IL-47 Eligible Scope Includes: Installation of permanent traffic signals; 4" asphalt overlay; dual left turn lanes on northbound IL-47; extend existing right turn lane on SB IL-47; widen Harter Road. Anticipate IDOT cost participation on IL-47 legs.
3	Bliss Road – IL-47 to Healy Road Eligible Scope Includes: Minor improvements on north, south and west legs of IL-47/Bliss intersection; reconstruction of Bliss to a 3-lane and where appropriate to a 4-lane cross-section from IL-47 to a point south of Healy; Replacement of the Blackberry Creek bridge with a four thru lane cross-section; Left turn lane on Bliss at IL-47; various left turn lanes along Bliss Road. Anticipate IDOT cost participation on IL-47 legs. Does not include improvements at Healy Road – see project #10.
4	Orchard Road – US-30 to Jericho Road Actual Termini – Brentwood to Jericho Road. Eligible Scope Includes: Reconstruction of Orchard to a 4-lane cross-section; cross street channelization at Aucutt and Jericho.
6	Mooseheart Road at IL-31 Non-eligible Scope Includes: Left turn and right turn channelization and installation of signals at Mooseheart; installation of northbound and southbound left turn lanes on IL-31. Anticipate IDOT cost participation on IL-31 legs.
8	Main Street at IL-47 Eligible Scope Includes: Addition of left turn lanes on all four legs; Replacement of Main Street bridge over Blackberry Creek; Lengthening Route 47 Blackberry Creek Box Culvert; traffic signal installation. Anticipate IDOT participation on IL-47 legs.
9	Bunker Road at Main Street Eligible Scope Includes: Addition of left turn lanes on all three legs and a westbound right turn lane; Installation of permanent traffic signals.
10	Bliss Road – Healy Road to Fabyan/Main Street Eligible Scope Includes: Intersection improvement at Bliss and Healy, plus northbound right turn lane; Widening and channelization on portions of Bliss to a four thru lane cross-section; Installation of traffic signals at Healy; Realignment of Bliss Road to intersect with realigned Fabyan Parkway.

Table 4-2 (cont.)

Proj. #	Scope
11	<p>Main Street at Nelson Lake Road Non-eligible Scope Includes: Eastbound and northbound right turn lanes; westbound left turn lane. See project #71.</p>
12	<p>Main Street at Deerpath Road Eligible Scope Includes: Channelization on Main Street and on Deerpath; Installation of permanent traffic signals.</p>
13	<p>Fabyan Parkway – Main Street to Randall Road Eligible Scope Includes: Realignment of Fabyan to intersect with realigned Bliss; Improvement of the Fabyan/Main/Bliss intersection with turn lanes on all legs; Widening Fabyan to a four thru lane cross-section; Improvement of the alignment at Hughes Road; Addition of left turn lanes and traffic signals on Hughes Road, Kaneville Road, and Wenmoth Road. For Kaneville Road improvements see project #14.</p>
14	<p>Kaneville Road at Fabyan Parkway Non-eligible Scope Includes: Westbound and southwest bound right turn lanes (\$100K). Eligible Scope Includes: Addition of a left turn lane on Kaneville Road and TSI (\$200K). Project does not include traffic signals at Peck Road. See project #89.</p>
16	<p>Fabyan Parkway from IL-31 to IL-25 Eligible Scope for Fabyan Parkway at IL 31 includes: Four thru lanes cross-section, dual left turn lanes and single right turn lanes on both legs. On IL 31: four thru lane cross-section, single left turn lanes and single right turn lanes on both legs. Includes new traffic signal installation. Anticipate IDOT cost participation on IL-31 legs. Eligible scope for Fabyan Parkway at IL-25 includes: Four thru lanes cross-section, single left turn lanes and single right turn lanes on both legs. On IL 25: Two thru lane cross-section, single left turn lanes on both legs, and a southbound right turn lane. Includes new traffic signal installation, some widening on Fabyan Parkway bridge to four thru lanes. Anticipate IDOT cost participation on IL-25 legs.</p>
17	<p>Fabyan Parkway – Kirk Road to Paramount Parkway Non-eligible Scope Includes: Right turn lanes for eastbound and northbound at the Kirk and Fabyan intersection and traffic signal installation at Fabyan and Paramount. Eligible Scope Includes: Limits approximately 300 feet west of Kirk Road to Paramount Parkway intersection. Addition of center left turn lane on Fabyan from Kirk to Paramount; Reconstruction of Kirk Road intersection, anticipated to be full improvement including three thru lanes, double left turn lanes and right turn lanes on all approaches.</p>
18	<p>Bunker Road Realignment with LaFox Road Eligible Scope Includes: Extension of Bunker Road on a 2-lane cross-section north to intersection with existing LaFox Road approximately ½ mile north of UPRR; Improvement of the Bunker/Keslinger intersection to a 3 lane cross-section on Keslinger and 3-lane cross-section on Bunker; Improvement of the Bunker/Pottawatomie Road intersection; Improvement of the Bunker/Potter Road intersection; Roundabout at Bunker Road and Potter Road; Roundabout at Bunker Road and New LaFox Road; Traffic signal installation at the intersection of Bunker and Keslinger.</p>

Table 4-2 (cont.)

Proj. #	Scope
19	Keslinger Road at Randall Road Non-eligible Scope Includes: Dual left turn lanes for westbound Kaneville/South Street and westbound right turn lane. Randall Road intersection capacity improvements are eligible for the use of impact fees, see project #75.
20	Kirk Road at IL-38 Eligible Scope Includes: Intersection Reconstruction, including three thru lanes in each direction, double left turn lanes and right turn lanes on all approaches; Widening of UPRR bridge is necessary. Anticipate IDOT cost participation on IL-38 legs.
21	Anderson Road – Keslinger to IL-38 Eligible Scope Includes: Project includes construction of Anderson Road on a new alignment with a 2-lane cross-section from Keslinger to IL 38, with left turn lanes at North St., Hicks St. and Prairie Valley St.; Intersection improvements at Anderson at IL 38 and Keslinger at Anderson; Construction of overpass over the UPRR rail yard. Anticipate IDOT cost participation and Federal HPP funds.
23	LaFox Road at Campton Hills Road Eligible Scope Includes: Addition of left turn lanes on all four legs; Lengthening of the Mill Creek box culvert; Installation of traffic signals.
24	Randall Road at IL-64 Intersection Improvement completed 2007. IDOT cost participation.
25	Beith Road at IL-47 Eligible Scope Includes: Addition of left turn lanes on all four legs and installation of traffic signals. Anticipate IDOT and township/municipal cost participation on IL-47 legs.
26	Randall Road at Crane Road Non-eligible Scope Includes: Crane Road turn lanes and permanent traffic signal installation.
27	Empire Road at IL-47 Eligible Scope Includes: Addition of left turn lanes on all four legs; Realignment of Hanson Road with left turn lanes on Empire at Hanson; Extended left turn lane on north leg of IL-47 to school entrance; Traffic Signal installation. Anticipate IDOT and possible municipal cost participation.
28	Burlington Road at Old LaFox Road Eligible Scope Includes: Addition of left turn lane for east and south approaches and installation of traffic signals.
29	Corron Road at Burlington Road Eligible Scope Includes: Addition of left turn lanes for north and west approaches, and a right turn lane on the east approach, and installation of traffic signals.
30	Randall Road at Red Gate Road Eligible Scope Includes: Anticipated configuration consists of right turn lanes on the north and south approaches, and left turn lanes on the east and west approaches, and new traffic signals.
31	Dunham Road at Kirk Road Eligible Scope Includes: New traffic signal installation.

Table 4-2 (cont.)

Proj. #	Scope
32	<p>Silver Glen Road at IL-31 Non-eligible Scope Includes: Channelization on all legs. Anticipate IDOT cost participation on IL-31 legs.</p>
33	<p>Burlington Road at IL-47 Non-eligible Scope Includes: Single left turn lane and right turn lane on all legs. Eligible Scope Includes: Traffic signal installation. Anticipate IDOT cost participation on IL-47 legs.</p>
34	<p>Randall Road at ICRR Eligible Scope Includes: Construction of a new 6-lane underpass carrying Randall Road under the ICRR.</p>
35	<p>Stearns Road Bridge Corridor Eligible Scope Includes: Construction of a 4-lane roadway on new alignment from Randall Road to Dunham Road, full intersection improvements at Randall Road and McLean and Fox River Bridge construction. Includes IDOT cost participation and several other State and/or Federal funding sources. See project #36.</p>
36	<p>Dunham Road at Stearns and IL-25 Eligible Scope Includes: Intersection improvement and roadway reconfiguration as part of the overall Stearns Road bridge corridor project. Includes IDOT cost participation and several other State and/or Federal funding sources. See project #35.</p>
37	<p>McLean Road – Hopps Road to Bowes Road Eligible Scope Includes: Widening McLean to a 4-lane cross-section from Hopps/Spring to Bowes Road with appropriate intersection improvements. Approved for the use Federal STP funding.</p>
38	<p>Plato Road at IL-47 Eligible Scope Includes: Addition of turn lanes on all approaches and installation of traffic signals. Anticipate IDOT cost participation on IL-47 legs.</p>
39	<p>Randall Road – South Street to Highland Avenue Non-eligible Scope Includes: Randall Road at US 20/Foothill Ramp; Northbound Randall to eastbound US 20; Southbound Randall to Westbound US 20; Northbound Randall to Eastbound Foothill; Southbound Randall to Eastbound US 20. Eligible Scope Includes: Construction of Randall Road on a six lane cross-section from 1,000' south of South Street to approximately 1,000' north of Highland Avenue. Includes widening the US-20 overpass and interchange improvements. As well as major intersection improvements at South Street and Highland Avenue.</p>
40	<p>Randall Road – Highland Avenue to Royal Boulevard Eligible Scope Includes: Construction of Randall Road on a six lane cross-section from approximately 1,000 feet north of Highland Avenue to approximately 500 feet north of Royal Boulevard. Likely combined with Project 39 for construction staging.</p>

Table 4-2 (cont.)

Proj. #	Scope
41	<p>Plank Road at IL-47 Eligible Scope Includes: Addition of left turn lanes on all approaches and installation of traffic signals. Anticipate IDOT cost participation on IL-47 legs.</p>
42	<p>Plank Road at Russell Road Eligible Scope Includes: Addition of turn lanes on all approaches and installation of traffic signal installation.</p>
43	<p>Randall Road – Royal Boulevard to Big Timber Road Eligible Scope Includes: Construction of Randall Road on a six lane cross-section from approximately 500 feet north of Royal Boulevard to approximately 1,000 feet north of Big Timber Road. Includes widening of the railroad overpass and an intersection improvement at Big Timber Road.</p>
44	<p>Big Timber Road – Coombs Road to Randall Road Eligible Scope Includes: Widening of Big Timber Road to a 4-lane cross-section from approximately 800 feet west of Coombs Road to approximately 1000 feet west of Randall Road (Randall Road/Big Timber Road intersection improved under project #43), and traffic signal installations at Coombs and Tyrell.</p>
45	<p>French Road Realignment/Extension to Harmony Road – IL-72 to Allen Road Eligible Scope Includes: Extension of French Road with a 2-lane cross-section on a new alignment from IL-72 to the intersection of Harmony and Allen. Includes intersection improvements at IL-72 and Allen with turn lanes on all four legs and traffic signals at both intersections. Also includes a 2-lane overpass over the Soo Line RR.</p>
46	<p>Big Timber Road – Ketchum Road to Manning Road Eligible Scope Includes: Widening of Big Timber Road to a 4-lane cross-section from approximately 800 feet west of Ketchum Road to approximately 800 feet west of Manning Road. Includes intersection improvements at Ketchum Road, US-20 (Brier Hill Road), Reinking Road, Sandwald Road, and IL-47. US-20 and IL-47 expected to be four thru lanes cross-section at the intersection with turn lanes. Traffic signals to be installed at all of the above locations, except Sandwald Road.</p>
47	<p>Big Timber Road – Manning Road to Damisch Road Non-eligible Scope Includes: Single left turn lanes and right turn lanes at IL 72 and traffic signal installation at IL 72. Eligible Scope Includes: Widening Big Timber Road to a 4-lane cross-section from approximately 800 feet west of Manning Road to approximately 800 feet west of Damisch Road.</p>
48	<p>Big Timber Road – Damisch Road to Coombs Road Eligible Scope Includes: Construct Big Timber Road to a 4-lane cross-section from approximately 800 feet west of Damisch Road to approximately 800 feet west of Coombs Road. Includes an intersection improvement at Damisch with installation of traffic signals.</p>
49	<p>Randall Road – Joy Lane to Huntley Road Eligible Scope Includes: Construct Randall Road to a six lane cross-section from approximately 1,000 feet north of Joy Lane to approximately 1,000 feet north of Huntley Road. Includes an intersection improvement at Huntley Road.</p>

Table 4-2 (cont.)

Proj. #	Scope
50	<p>Huntley Road – Randall Road to Sleepy Hollow Road Eligible Scope Includes: Construct Huntley Road from approximately 1,000 feet east of Randall Road to approximately 800 feet east of Sleepy Hollow Road. Includes intersection improvements at Miller Road, Binnie Road, and Sleepy Hollow Road.</p>
51	<p>Penny Road at IL-68 Non-Eligible Scope Includes: Addition of a right turn and left turn lane on realignment of Penny Road and installation of traffic signals. Anticipate IDOT cost participation on IL-68 legs.</p>
52	<p>Galligan Road – Binnie Road to Freeman Road Eligible Scope Includes: Construct Galligan Road to a 4-lane cross-section from approximately 500 feet south of Binnie Road to approximately 500 feet north of Freeman Road.</p>
54	<p>Randall Road – Huntley Road to Longmeadow Parkway Non-eligible Scope Includes: Westbound right turn lanes and traffic signal installation. Eligible Scope Includes: Extension of Longmeadow Parkway on a 4-lane cross-section west of Randall to intersect Huntley Road approximately 2,500 feet west of Randall Road, intersection improvements at the intersection of Randall and Longmeadow, and modernization of traffic signals. Improvements on north leg extend to approximately 1,000 feet south of Corporate Boulevard.</p>
55	<p>Longmeadow Parkway Bridge Corridor Eligible Scope Includes: Construction of a new 2-lane corridor from approximately 1,000 feet east of Randall Road to approximately 500 feet east of IL-25. Includes new Fox River Bridge. Includes IDOT cost participation and several other State and/or Federal funding sources.</p>
57	<p>Lake Cook Road at IL-62 Eligible Scope Includes: Addition of right turn lanes on the east and southeast approaches and traffic signal modifications. Anticipate IDOT cost participation on IL-62 legs.</p>
58	<p>Montgomery Road – IL-25 to Hill Avenue Eligible Scope Includes: Installation of turn lanes on IL-25 and widening Mill Street/Broadway/Montgomery Road to a 4-lane cross-section from IL-25 to approximately 800 feet east of Hill Avenue. Includes straightening the s-curve at the west end of the project and intersection improvements at Douglas Road, 5th Street and Hill Avenue. Anticipate IDOT cost participation on IL-25 legs.</p>
59	<p>Harter Road at Scott Road Eligible Scope Includes: Addition of turn lanes on all four legs and installation of traffic signals.</p>
61	<p>Peplow Road Realignment with French Road Eligible Scope Includes: Construction of a new 2-lane road on new alignment from a point on Peplow Road approximately 1,200 feet north of McGough Road to an intersection with French Road approximately 1,200 feet northeast of Main Street. Includes an overpass of the ICRR and intersection improvements at Burlington Road and Plank Road.</p>

Table 4-2 (cont.)

Proj. #	Scope
64	<p>Meredith Road Realignment with Peplow Road Eligible Scope Includes: Construction of a new 2-lane road on new alignment from a point on Meredith Road approximately 1,500 feet north of Welter Road to an intersection with Peplow Road at IL-64. Includes an intersection improvement at IL-64 with turn lanes on all four legs and installation of traffic signals. IDOT participation anticipated.</p>
66	<p>Orchard Road – Indian Trail Road to Oak Street Eligible Scope Includes: Construct Orchard Road to a six lane cross-section from approximately 500 feet south of Indian Trail Road to approximately 1,000 feet north of Oak Street. Widening of the bridge over I-88.</p>
67	<p>Hughes Road at IL-47 Eligible Scope Includes: Addition of turn lanes on all three legs, and installation of traffic signals. Anticipate IDOT cost participation on IL-47 legs.</p>
69	<p>Harter Road at Main Street Eligible Scope Includes: Addition of turn lanes on all four approaches and installation of traffic signals.</p>
70	<p>Main Street – Fabyan Parkway to Nelson Lake Road Eligible Scope Includes: Construct Main Street to a 4-lane cross-section from approximately 800 feet east of Fabyan Parkway to approximately 800 feet west of Nelson Lake Road.</p>
71	<p>Main Street – Nelson Lake Road to Randall Road Eligible Scope Includes: Construct Main Street to a 4-lane cross-section from approximately 800 feet west of Nelson Lake Road to approximately 800 feet west of Randall Road. Includes intersection improvements at Nelson Lake Road, Wenmoth Road, and Deerpath Road with turn lanes and traffic signal installation. See project #11.</p>
72	<p>Kirk Road – Lathem Street to South of Fabyan Parkway Eligible Scope Includes: Addition of turn lanes from approximately 500 feet south of Lathem Street to approximately 500 feet south of Fabyan Parkway.</p>
74	<p>Galligan Road Realignment South of Huntley Road Eligible Scope Includes: Two thru lanes.</p>
75	<p>Randall Road – Main Street to Keslinger Road Eligible Scope Includes: Construct Randall Road to a six lane cross-section from approximately 1,000 feet south of Main Street to approximately 1,000 feet north of Keslinger Road. Includes the intersection improvement at Fabyan Parkway, Keslinger Road and widening the UPRR overpass. See project #19.</p>
76	<p>Randall Road – Keslinger Road to IL-64 Eligible Scope Includes: Construct Randall Road to a six lane cross-section from approximately 1,000 feet north of Keslinger Road to approximately 1,000 feet south of IL-64. Excludes the Randall Road at IL-64 intersection. See project #24.</p>

Table 4-2 (cont.)

Proj. #	Scope
78	Randall Road – Big Timber Road to Joy Lane Eligible Scope Includes: Construct Randall Road to a six lane cross-section from approximately 1,000 feet north of Big Timber Road to approximately 1,000 feet north of Joy Lane. Includes intersection improvements at the I-90 ramp terminals, Point Boulevard and Northwest Parkway/Joy Lane; and reconstruction of the I-90 overpass.
79	Randall Road – Huntley Road to South Corporate Boulevard Eligible Scope Includes: Construct Randall Road to a six lane cross-section from approximately 1,000 feet north of Huntley Road to approximately 1,000 feet south of South Corporate Boulevard.
80	Plank Road Realignment Eligible Scope Includes: Realignment of Plank Road at Burlington Road in Burlington to eliminate offset. Includes addition of turn lanes on all four legs of Plank Road and Main Street.
81	Randall Road - Silver Glen Road to South Street Eligible Scope Includes: Construct Randall Road to a six lane cross-section from approximately 1,000 feet south of Silver Glen Road to approximately 1,000 feet south of South Street. Excludes the ICRR overpass, see CRIP project #34.
82	Orchard Road – Oak Street to Randall Road Eligible Scope Includes: Construct Orchard Road to a six lane cross-section from approximately 1,000 feet south of Oak Street to Randall Road. Includes Oak Street and Randall Road intersection improvements.
84	Huntley Road – County Line Road to Randall Road Eligible Scope Includes: Construct Huntley Road to a 4-lane cross-section from approximately 500 feet west of Kreuzer Road to approximately 800 feet west of Randall Road.
85	Kirk Road at IL-56 Eligible Scope Includes: Right turn lanes on westbound, northbound and southbound legs of intersection; Three thru lanes and double left turn lanes on the north and south approaches, and two thru lanes, double left turn lanes and right turn lanes on the east and west approaches. Anticipate IDOT cost participation on IL-56 legs.
87	Kirk Road at IL-64 Eligible Scope Includes: Three thru lanes and double left turn lanes on the north and south approaches, and two thru lanes, double left turn lanes and right turn lanes on the east and west approaches. Anticipate IDOT cost participation on IL-64 legs.
88	Dunham Road –Stearns Road to High School entrance south of Fox Chase Drive. Eligible Scope Includes: Addition left and right turn lanes on Dunham Road from approximately 500 feet south of Stearns Road to the high school entrance south of Fox Chase Drive. Includes widening the ICRR overpass.
89	Kaneville Road at Peck Road Eligible Scope Includes: Permanent traffic signal installation and Channelization.

Table 4-2 (cont.)

Proj. #	Scope
90	Fabyan Parkway – Western Avenue to Kirk Road Eligible Scope Includes: Left turn and right turn channelization along Fabyan Parkway approximately from 1,000' east of Western Avenue to 1,000' west of Kirk Road where appropriate; Excludes the Fabyan Parkway at IL 31, Fabyan Parkway at IL 25, and Fabyan Parkway at Kirk Road intersections and the Fox River bridge widening.

Table 4-3: Project Cost Allocations (\$million) to Service Areas

#	Project	North	Central	South
1	Granart Rd., US30 to Jericho			16.9
2	Harter Rd. at IL47			1.1
3	Bliss Rd., IL47 to Healy			14.7
4	Orchard Rd., Jericho to US30			22.7
6	Mooseheart Rd. at IL31			
8	Main St. at IL-47		1.1	1.7
9	Bunker Rd. at Main St.		0.6	1.0
10	Bliss Rd., Healy to Main			15.8
11	Main St. at Nelson Lake Rd.			
12	Main St. at Deerpath Rd.			2.6
13	Fabyan Parkway, Main to Randal		15.9	24.8
14	Kaneville Rd. at Fabyan Parkway		0.0	0.0
16	Fabyan Parkway, IL31 to IL25		6.3	9.9
17	Fabyan Parkway, Kirk to Paramount		3.3	5.2
18	Bunker Rd. Realignment with LaFox		5.3	
19	Keslinger Rd. at Randall Rd.			
20	Kirk Rd. at IL38		7.2	
21	Anderson Rd., Keslinger to IL38		6.8	
23	LaFox Rd. at Campton Hills Rd.		4.6	
24	Randall Rd. at IL64			
25	Beith Rd. at IL47		1.1	
26	Randall Rd. at Crane Rd.			
27	Empire Rd. at IL-47		2.7	
28	Burlington Rd. at Old LaFox Rd.		1.6	
29	Corron Rd. at Burlington Rd.		1.6	
30	Randall Rd. at Redgate Rd.		1.6	
31	Dunham Rd. at Kirk Rd.		0.3	
32	Silver Glen Rd. at IL31			
33	Burlington Rd. at IL47		0.4	
34	Randall Rd. at ICRR	12.9	4.3	
35	Stearns Rd. Bridge Corridor	55.3	18.4	
36	Dunham Rd. at Stearns/IL25	9.2	3.1	

Table 4-3: Project Cost Allocations (\$million) to Service Areas (cont.)

#	Project	North	Central	South
37	McLean Rd., Hopps to Bowes	2.9		
38	Plato Rd. at IL-47		1.1	
39	Randall Rd., South to Highland	22.0		
40	Randall Rd., Highland to Royal	11.6		
41	Plank Rd. at IL47	1.0		
42	Plank Rd. at Russell Rd.	1.6		
43	Randall Rd., Royal to Big Timber	31.5		
44	Big Timber Rd, Coombs to Royal	26.3		
45	French Rd. Realignment with Harmony	15.8		
46	Big Timber Rd., Ketchum to Manning	36.8		
47	Big Timber Rd., Manning to Damisch	20.7		
48	Big Timber Rd., Damisch to Coombs	22.1		
49	Randall Rd., Joy to Huntley	26.3		
50	Huntley Rd., Randall to Sleepy Hollow	16.8		
51	Penny Rd. at IL68	0.6		
52	Galligan Rd., Binnie to Freeman	3.2		
54	Randall Rd., Huntley to Longmeadow	4.7		
55	Longmeadow Parkway Bridge Corridor	38.7		
57	Lake Cook Rd. at IL-62	1.1		
58	Montgomery Rd., IL-25 to Hill			23.2
59	Harter Rd. at Scott Rd.			1.6
61	Peplow Rd. Realignment with French Rd.	11.9	4.0	
64	Meredith Rd. Realignment with Peplow		4.6	
66	Orchard Rd., Indian Trail to Oak			14.7
67	Hughes Rd. at IL47		0.6	
69	Harter Rd. at Scott Rd.		0.8	1.3
70	Main St., Fabyan to Nelson Lake			20.0
71	Main St., Nelson Lake to Randall			17.9
72	Kirk Rd., Lathem to Fabyan			7.9
74	Galligan Rd. Realignment south of Huntley	1.6		
75	Randall Rd., Main to Keslinger		14.4	22.4
76	Randall Rd., Keslinger to IL64		26.3	
78	Randall Rd., Big Timber to Joy	33.6		
79	Randall Rd., Huntley to S. Corporate	15.8		

Table 4-3: Project Cost Allocations (\$million) to Service Areas (cont.)

#	Project	North	Central	South
80	Plank Rd. Realignment	3.2		
81	Randall Rd., Silver Glen to South	37.8	4.2	
82	Orchard Rd., Oak to Randall			21.0
84	Huntley Rd., Co. Line to Randall	43.6		
85	Kirk Rd. at IL56			4.4
87	Kirk Rd. at IL64		8.3	
88	Dunham Rd., Stearns to south HS Ent.		12.6	
89	Kaneville Rd. at Peck Rd.		1.6	
90	Fabyan Parkway, Western to Kirk		5.9	9.2

Section 5: Funding Sources

Table 5-1: Annual Projected Highway Revenue, FY 2007-2011

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
County Highway Levy	\$5,846,789	\$6,139,128	\$6,446,085	\$6,768,389	\$7,106,809
County Bridge Levy	\$304,406	\$319,626	\$335,608	\$352,388	\$370,007
County Highway Matching Levy	\$63,203	\$66,363	\$69,681	\$73,165	\$76,824
Motor Fuel Tax	\$6,755,874	\$7,026,109	\$7,307,153	\$7,599,439	\$7,903,417
Impact Fees	\$3,780,000	\$3,780,000	\$3,780,000	\$8,000,000	\$9,000,000
Local Option Motor Fuel Tax	\$7,275,000	\$9,375,000	\$9,656,250	\$9,945,000	\$10,243,000
Reimbursements	\$24,097,949	\$25,746,950	\$12,895,846	\$3,268,079	\$2,963,306
Fees	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000
Interest	\$874,750	\$446,636	\$456,848	\$456,848	\$642,361
Total Projected Revenue	\$49,447,971	\$53,349,812	\$41,397,471	\$36,913,309	\$38,755,724

Table 5-2: Projected Highway Revenue, FY 2012-2015

FY 2012-2015	
County Highway Levy	\$32,162,796
County Bridge Levy	\$1,674,517
County Highway Matching Levy	\$0
Motor Fuel Tax	\$34,904,037
Impact Fees	\$40,000,000
Local Option Motor Fuel Tax	\$44,055,000
Reimbursements	\$57,641,788
Fees	\$1,800,000
Interest	\$1,773,606
Total Projected Revenue	\$214,011,744

Section 6: Intergovernmental Agreements

The Illinois Road Improvement Impact Fee Law allows counties to collect Impact Fees from developers of New Development for the impacts of that New Development on State, Township and Municipal highways, roads and streets, provided that the County enters into an intergovernmental agreement with the appropriate agency covering the collection and expenditure of the Impact Fees. Kane County has elected to collect impact fees only for the development impact on the County highway system; therefore no such intergovernmental agreements are necessary.

In the event that improvements are made to a State, Township or Municipal highway, road or street as part of a project funded by Impact Fees, the County and the appropriate unit of government will enter into an intergovernmental agreement that defines the project and specifies its funding sources. Furthermore, any improvements made to State, Township or Municipal highways, roads or streets will only be funded by Impact Fees to the extent needed to address the safe and efficient operation of an adjacent Kane County highway intersection.

Section 7: Proposed Road Improvement Schedule

Table 7-1: Proposed Road Improvement Schedule

Proj. #	Route	Location/Limits	Project Scope**	Estimated Calendar Year Construction to Start
1	Granart Rd.	Jericho to US-30/Dauberman	GS, RA, CH, SI, NR	MYP*
2	Harter Rd.	at IL-47	CH, SI	2009
3	Bliss Rd.	IL-47 to Healy Rd.	WI-4, BR, BH	2009
4	Orchard Rd.	South of Jericho Rd. to US 30	CH, WI-4	Orchard @ Jericho 2007, remainder MYP*
6	Mooseheart Rd.	at IL-31	CH, SI	2010
8	Main St.	at IL-47	CH, BR, SI	MYP*
9	Bunker Rd.	at Main St.	SI, CH	MYP*
10	Bliss Rd.	Healy Rd. to Fabyan/Main	WI-4, RA, CH, SI	MYP*
11	Main St.	at Nelson Lake Rd.	CH, SI	2010
12	Main St.	at Deerpath Rd.	CH, SI	2009
13	Fabyan Parkway	Main to Randall	CH, WI-4, SI, RA	Fabyan @ Wenmoth 2009, remainder MYP*
14	Kaneville Rd.	at Fabyan	CH, SI	2010
16	Fabyan Parkway	IL 31 to IL-25	CH, SI, BH	MYP*
17	Fabyan Parkway	Kirk Rd. to Paramount Dr.	CH, SI	MYP*
18	Bunker Rd.	Realignment with LaFox	RA, CH, SI, NR	2008
19	Keslinger Rd.	at Randall	CH	MYP*
20	Kirk Rd.	at IL-38	CH, BW	2006
21	Anderson Rd.	Keslinger to IL-38	NR, GS	2009
23	LaFox Rd.	at Campton Hills Rd.	CH, SI	MYP*
24	Randall Rd.	at IL-64	CH, WI-6	2005
25	Beith Rd.	at IL-47	CH, SI	MYP*
26	Randall Rd.	at Crane Rd.	CH, SI	MYP*
27	Empire Rd.	at IL-47	CH, SI, RA	MYP*
28	Burlington Rd.	at Old LaFox Road	CH, SI	MYP*
29	Corron Rd.	at Burlington Road	CH, SI	2009

Table 7-1 (cont.)

Proj. #	Route	Location/Limits	Project Scope**	Estimated Calendar Year Construction to Start
30	Randall Rd.	at Red Gate Rd.	CH, SI	2007
31	Dunham Rd.	at Kirk Rd.	SI	MYP*
32	Silver Glen Rd.	at IL-31	CH	MYP*
33	Burlington Rd.	at IL-47	CH, SI	MYP*
34	Randall Rd.	at ICRR	GS	MYP*
35	Stearns Rd.	Bridge Corridor	NR, BR, SI, NB	2006
36	Dunham Rd.	at Stearns/IL-25	CH, RA, SI	2008
37	McLean Rd.	Hopps to Bowes	CH, WI-4	2007
38	Plato Rd.	at IL-47	CH, SI	MYP*
39	Randall Rd.	South St. to Highland Ave.	IC, CH, WI-6	MYP*
40	Randall Rd.	Highland Ave. to Royal	CH, WI-6	MYP*
41	Plank Rd.	at IL-47	CH, SI	2009
42	Plank Rd.	at Russell Rd.	CH, SI	MYP*
43	Randall Rd.	Royal to Big Timber	CH, WI-6	MYP*
44	Big Timber Rd.	Coombs to Randall	WI-4, CH	MYP*
45	French Rd.	Realignment with Harmony	RA, GS, NR	2010
46	Big Timber Rd.	Ketchum to Manning	WI-4, SI	Big Timber @ IL-47 2007, Remainder MYP*
47	Big Timber Rd.	Manning to Damisch	WI-4, SI	MYP*
48	Big Timber Rd.	Damisch to Coombs	WI-4, CH	MYP*
49	Randall Rd.	Joy Ln. to Huntley Rd.	CH, WI-6	MYP*
50	Huntley Rd.	Randall to Sleepy Hollow	WI-4	MYP*
51	Penny Rd.	at IL-68	CH, SI, RA	MYP*
52	Galligan Rd.	Binnie Rd. to Freeman Rd.	CH, WI-4	MYP*
54	Randall Rd.	Huntley to Longmeadow Pkwy.	CH, SI	MYP*
55	Longmeadow Pkwy.	Bridge Corridor	NR, NB	MYP*
57	Lake Cook Rd.	at IL-62	CH	MYP*
58	Montgomery Rd.	IL-25 to Hill Rd.	CH, WI-4	MYP*
59	Harter Rd.	at Scott Rd.	CH, SI	MYP*
61	Peplow Rd.	Realignment with French Rd	RA, NR, GS	MYP*

Table 7-1 (cont.)

Proj. #	Route	Location/Limits	Project Scope**	Estimated Calendar Year Construction to Start
64	Meredith Rd.	Realignment with Peplow	RA, NR	MYP*
66	Orchard Rd.	Indian Trail to Oak	WI-6, BW	MYP*
67	Hughes Rd.	at IL-47	CH, SI	MYP*
69	Harter Rd.	at Main St.	CH, SI	MYP*
70	Main St.	Fabyan to Nelson Lake Rd.	WI-4	MYP*
71	Main St.	Nelson Lake Rd. to Randall Rd.	WI-4, CH, SI	2010
72	Kirk Rd.	Lathem St. to S. of Fabyan Pkwy.	CH	Kirk @ Douglas 2009, remainder MYP*
74	Galligan Rd.	Realignment south of Huntley Rd.	CH, SI	MYP*
75	Randall Rd.	Main St. to Keslinger Rd.	WI-6, BW	Randall @ Fabyan 2010, remainder MYP*
76	Randall Rd.	Keslinger Rd. to IL-64	WI-6	MYP*
78	Randall Rd.	Big Timber to Joy	WI-6, IC	MYP*
79	Randall Rd.	Huntley to S. Corporate Blvd.	WI-6	MYP*
80	Plank Rd.	Realignment	RA, NR	MYP*
81	Randall Rd.	Silver Glen to South Street	WI-6	MYP*
82	Orchard Rd.	Oak to Randall	WI-6	MYP*
84	Huntley Rd.	Co. Line to Randall	WI-4	MYP*
85	Kirk Rd.	at IL-56	CH, SI	2007
87	Kirk Rd.	at IL-64	CH, SI	MYP*
88	Dunham Rd.	Stearns to south High School Ent.	CH, BW	MYP*
89	Kaneville Rd.	at Peck	SI, CH	MYP*
90	Fabyan Parkway	Western to Kirk Rd	CH, SI	MYP*

* Multi-Year Program (2011-2015)

** Project Scope Codes

AWS	All Way Stop
BH	Bridge Rehabilitation
BR	Bridge Replacement

BW	Bridge Widening
CH	Channelization / Turn Lanes
GS	Grade Separation
IC	Interchange
NB	New Bridge
NR	New Road
RA	Roadway Realignment
SI	Traffic Signal Installation
WI-3	Add Left Turn Lane
WI-4	Widen to 4 through lanes
WI-6	Widen to 6 through lanes

SEPARATE DOCUMENT IN THIS FOLDER

APPENDIX A

(See following pages)

Contents

- Summary of comments and staff responses
- Public Hearing notice
- Sign-in sheets
- Powerpoint presentation
- Public hearing transcript
- Written testimony

The items contained in Appendix B are available upon request or visit our website:

<http://www.co.kane.il.us/DOT/roadimpact/PublicHearingComments041107.pdf>

APPENDIX B

(See following pages)

SEPARATE DOCUMENT IN THIS FOLDER

APPENDIX C

(See following pages)