

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

Legistar #030774
DISTRICT ALL

Resolution or Ordinance (Blue) _____
Waiver of First Requested _____
Recommendations of Boards, Commissions & Committees (Green) _____
Other Business (Pink) _____

TO:

PRESIDENT AND BOARD OF TRUSTEES

FROM:

William T. Lichter, Village Manager

TITLE:

Recommendation from the Public Works Committee
Comprehensive Street Lighting Program Project Priorities

SUBMITTED BY:

David A. Dratno, P.E., Village Engineer *DAE*

BACKGROUND/POLICY IMPLICATIONS:

See attached memo.

FISCAL IMPACT/FUNDING SOURCE:

See attached memo.

Review (as necessary):

Village Attorney X _____
Date _____
Finance Director X _____
Date _____
Village Manager X *W. Lichter* _____
Date *12/27/05* _____

NOTE:

All materials must be submitted to and approved by the Village
Manager's Office by 12:00 noon, Wednesday, prior to the Agenda
Distribution.



InterOffice Memo

Legistar #:030774

To: William T. Lichter, Village Manager
 From: David A. Dramol, P.E., Village Engineer
 Through: Wesley B. Anderson, Public Works Director
 Date: September 1, 2005
 Subject: Comprehensive Street Lighting Program Project Priorities

Public Works Committee made the following recommendation at their May 10, 2005 meeting:

- Prioritize the street lighting projects based on the presented criteria and weighting factors.
- Group projects by roadway classification and then prioritize with arterial being the highest priority followed by collector and residential.
- When street lights are being installed on an arterial roadway, complete lighting along the entire length of the roadway.

The total cost of the street lighting projects in today's dollar is \$24,000,000, excluding the Great Western Trail and Roosevelt Road projects. There are other funding sources for these types of areas, such as grants for a pedestrian trail and possibly state money for Roosevelt Road (State Route 38).

The Capital Improvement Program includes \$3,000,000 dollars for street light projects budgeted in fiscal years 2010 through 2012. This amount allows six street lighting projects to be completed. Based on the above recommendation to complete arterial roadways first, the following projects are suggested:

Project	Limits	Cost (2005 Dollars)
6D	Main St between Madison St and Roosevelt Rd	\$ 448,941
2F	Main St between North Av and Grove St	\$ 448,000
4F	Main St between Maple St and Madison St	\$ 288,000
9B	Highland Av between Roosevelt Rd and 22 nd St 17 th St between Norbury Av and Highland Av 20 th St between 600' east of Highland Av and Highland Av	\$ 536,941
6B	Wilson Av, Taylor Rd, & Graham Av between Finley Rd and Main St Edson St, Elizabeth St, & Lincoln St between Ethel Av and Wilson Av	\$ 888,000
7K	Wilson Av between Main St and Fairfield Av	\$ 272,000
	Total	\$2,881,882

Staff will be available to answer any questions the Village Board may have.

DD/jg
 cc: Keith Surges

H:\PWPW-Eng\PROJECTS\FY2001\M-01-08 Comprehensive Street Lighting
 Study\Project Priority\Board Memo PWC Recommendation 2005.doc

The Comprehensive Street Lighting Program identified and classified existing streetlights throughout the Village limits. The program also identified street lighting projects in areas that do not currently have Village streetlights. The project area limits were developed taking into consideration the capacity of existing controllers and the maximum capacity of new controllers.

Since there are sixty-three project areas, it is essential to prioritize these street lighting projects. A spreadsheet listing the details of each project area is attached along with a spreadsheet that separates the projects based on their roadway classification. Criteria such as existing lighting, proximity to schools, churches, recreational and commercial/retail areas, traffic volumes, incidences of burglary and vandalism, and fill in the gap were used in developing the detailed spreadsheet.

The following information describes the suggested ranking criteria and weighting values as recommended by the Public Works Committee.

Evaluation Criteria:

Existing Lighting

There are three types of lighting systems in the Village:

Direct connects – Village owned streetlights that are connected directly to a power source with no disconnect switch. There is no way to turn the power source off on direct connected lights; therefore, maintenance is performed with live wires.

ComEd lights – Streetlights installed by ComEd at the request of the Village. These are installed at intersections and midblock.

Village lights – Complete lighting systems owned and maintained by the Village.

Rated on a scale from 2 to 10, with 2 point increments. A rating of 2 was given to the project area with out dated light standards containing mercury luminaires. It was also given to the project areas on Grace Street and Madison Street where there is existing lighting that is different from the standard Village streetlights. These project areas are included to keep the streetlights on arterial roadways consistent. A rating of 4 was given to direct connect lights, 6 was given to areas with only ComEd midblock and intersection lights, 8 was given to areas with only ComEd intersection lights and 10 was assigned to areas with no existing lights. If project areas fell under more than one category, the greater rating value was assigned to the project area.

The attached map "Existing Street Lights" identifies the direct connect, ComEd, and Village lights.

The attached map "Vandalism" identifies the number of occurrences per beat area.

Rated on a scale from 0 to 10, with an increment equaling 1 incident. A rating of 10 represents 10 or greater incidences of vandalism and a rating of 0 represents no incident. Vandalism was identified per police department beat area. If a project area overlapped the beat areas then the rating assigned was based on the beat area with the greatest number of vandalism incidences. The vandalism data covers June 2002 through August 2004. Incidents that occurred in the daytime were not included in the data.

Incidence of Vandalism

The attached map "Burglary" identifies the number of occurrences per beat area.

Rated on a scale from 1 to 10, with an increment equaling 5 incidences. A rating of 10 represents more than 50 incidences of burglary. The burglaries were identified per police department beat area. If a project area overlapped the beat areas then the rating assigned was based on the beat area with the greatest number of burglaries. The burglary data covers January 2002 through August 2004. Incidents that occurred in the daytime were not included in the data.

Incidence of Burglary

Please note that some roadways may carry more or less traffic than their roadway classification. For example, Wilson Avenue between Finley Road and Westmore-Meyers Road may be considered an arterial roadway since it runs from one end of the Village to the other; however, it carries traffic volumes similar to a collector roadway.

Rated on a scale from 1 to 10, with 10 being a pedestrian trail. Ratings 1, 2 and 3 represent residential roadways with less than 1,500 vehicles per day. Ratings 4, 5, and 6 represent collector roadways with traffic volumes between 1,500 and 8,000 vehicles per day and ratings 7, 8 and 9 represent arterial roadways with traffic volumes greater than 8,000 vehicles per day. If project areas fell under more than one category, the greater rating value was assigned to the project area.

Traffic Volume

The attached map "Proximity" identifies the schools, churches, recreational and commercial/retail areas.

Rated on a scale from 1 to 10. A rating of 10 was given to project areas within 500 feet of a school, church, recreational or commercial/retail area. The rating assigned decreased by one point with each 500-foot increment.

Proximity to Schools, Churches, Recreational, and Commercial/Retail Areas

- > When street lights are being installed on an arterial roadway, complete the entire length.
 - > Group projects by roadway classification and then prioritize with arterial being the highest priority followed by collector and residential.
 - > Prioritize the street lighting projects based on the above criteria and weighting factors.
- Public Works Committee made the following recommendation at their May 10, 2005 meeting:

Recommendation:

The Police and Fire Departments were consulted on the proposed criteria and weighting factors. The Police Department was fine with the proposed criteria and weighting factors and the Fire Department requested the proximity to schools/churches and recreational areas receive a higher weighting factor than were previously proposed.

Coordination:

The roadway classification spreadsheet breaks the project areas into arterial, collector, residential, pedestrian trail, and Roosevelt Road. Within each roadway classification, the projects are prioritized based on their total score. The Great Western Trail and Roosevelt Road projects are grouped separately since funding sources other than Village funding may be used. For example, grants may be applied for street lighting projects along the pedestrian trail.

Criteria Weights:

The detailed spreadsheet contains the project number, project limits, ratings for each of the above categories and a total score out of 120. The score was determined by weighting the rated categories. Existing lighting received the highest weight of 2.50, followed by traffic volumes with a weight of 1.75. Proximity to schools, churches, recreational areas, and commercial/retail areas were weighted 1.50. Fill in the gap was rated 1.25 and incidences of burglary and vandalism were weighted 1.00.

All of the maps except the "Existing Lighting" show the street lighting project areas and the proposed roadway projects. Since the proposed roadway projects include street lighting in their scope, these areas that do not have existing lighting were not included in the street lighting project areas.

A rating of 10 was given to project areas that are adjacent to at least 3 blocks with existing lighting. Areas that are adjacent to existing lighting in an area bounded by arterial roadways were also given a rating of 10. For example, project areas 1J and 1K are not adjacent to 3 blocks with existing street lighting. However, areas 1J and 1K are bounded by the Great Western Trail to the north, the railroad to the south, Illinois Route 53 to the west and Main Street to the east. Therefore, completing project areas 1J and 1K would fill in the gaps within the above boundaries.

Fill in the Gap

Project ID	STREET	DESCRIPTION		SUPPLEMENTAL STREET LIGHTING PROGRAM CAPITAL IMPROVEMENT PRIORITIZING CRITERIA										Total Score Out of 120	Length (feet)
		FROM	TO	Existing Lighting	Proximity to Schools/Churches	Proximity to Recreational Areas	Proximity to Commercial/Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Fill in the Gaps				
1A	WEST RD.	NORTH AV.	PLEASANT LN.	8	9	8	8	4	1	1	0	66.5	2900		
	SUNSET AV.	WEST RD.	ELIZABETH ST.									700			
	POTOMAC AV.	WEST RD.	ELIZABETH ST.									700			
				SubTotal										4300	
1B	ELIZABETH ST.	NORTH AV.	SUNSET AV.										1300		
	RIDGE AV.	NORTH AV.	SUNSET AV.									1400			
	ROCHELLE TERR.	LEMOYNE AV.	GOEBEL DR.	8	10	8	10	3	1	1	0	69.3	400		
	DUPAGE AV.	GOEBEL DR.	SUNSET AV.									400			
	SHEILA PL.	LEMOYNE AV.	GOEBEL DR.									400			
	LEMOYNE AV.	RIDGE AV.	MAIN ST.									1300			
	SUNSET AV.	GOEBEL DR.	MAIN ST.									1800			
				SubTotal										8300	
1C	ELIZABETH ST.	SUNSET AV.	LOT ST.										1500		
	RIDGE AV.	SUNSET AV.	CRYSTAL AV.	8	10	10	7	3	2	1	0	68.8	1100		
	DUPAGE AV.	SUNSET AV.	CRYSTAL AV.									1100			
1D	POTOMAC AV.	ELIZABETH AV.	MAIN ST.										1900		
	BERKSHIRE AV.	ELIZABETH AV.	MAIN ST.									1900			
	CRYSTAL AV.	ELIZABETH AV.	MAIN ST.									1900			
				SubTotal										9300	
1E	BROADVIEW AV.	MEADOW AV.	T0 200' N/O CRYSTAL AV.	8	7	8	4	1	3	0	10	65.8	1400		
	PLEASANT LN.	BROADVIEW AV.	WEST RD.									600			
				SubTotal										2000	
1F	BROADVIEW AV.	MEADOW AV.	GREAT WESTERN TRAIL	8	8	8	4	3	3	0	10	70.8	700		
	MEADOW AV.	IL RTE. 53	WEST RD.									1200			
	GREENFIELD AV.	BROADVIEW AV.	WEST RD.									700			
				SubTotal										2600	
1G	ELIZABETH ST.	GREENFIELD AV.	GREAT WESTERN TRAIL	8	10	10	5	1	2	1	10	74.8	400		
	VIEW ST.	WEST RD.	ELIZABETH ST.									600			
				SubTotal										1000	
1H	GREAT WESTERN TRAIL	IL RTE. 53	IL RTE. 53	10	5	10	5	10	7	3	0	82.5	900		
	GREAT WESTERN TRAIL	IL RTE. 53	MAIN ST.									800			
												900			
				SubTotal										3900	
1I	BROADVIEW AV.	GREAT WESTERN TRAIL	ST CHARLES RD.	8	8	7	7	10	7	3	10	77.3	1700		
	GLENVIEW AV.	ST CHARLES RD.	500' N/O EUGENIA ST.	8	8	4	9	1	7	3	10	75.8	1000		
	EUGENIA ST.	300' W/O GLENVIEW AV.										500			
				SubTotal										1500	
1J	GLENVIEW AV.	ST CHARLES RD.	CRESCENT BLVD.	10	8	10	10	5	4	10	102.3	1100			
	PHILLIPS CT.	GLENVIEW AV.	300' W/O GLENVIEW AV.									300			
	CRESCENT BLVD.	FIMLEY RD.	V. TO VILLAGE LIMBS									1900			
				SubTotal										3300	
1K	BROADVIEW AV.	NORTH AV.	900' S/O NORTH AV.	8	10	8	10	1	1	5	0	69.8	900		
	PRAIRIE AV.	PARK AV.	MAIN ST.	10	8	8	8	1	2	1	10	75.3	400		
												400			
				SubTotal										1300	
2A	GARFIELD ST.	NORTH AV.	GOEBEL DR.	8	8	10	9	2	1	2	10	79.5	1000		
	CRAIG PL.	NORTH AV.	SUNSET AV.									1400			
	LEMOYNE AV.	GARFIELD ST.	GRACE ST.									1700			
				SubTotal										5300	
2B	CHARLOTTE ST.	SUNSET AV.	BERKSHIRE AV.	8	10	10	7	2	1	0	10	77.5	700		
	GARFIELD ST.	BERKSHIRE AV.	500' N/O BERKSHIRE AV.									500			
	MARTHA ST.	BERKSHIRE AV.	500' N/O BERKSHIRE AV.									500			
				SubTotal										1700	
2C	CHARLOTTE ST.	PLEASANT AV.	PRAIRIE AV.	8	10	9	6	4	2	0	0	69.5	1800		
	GARFIELD ST.	PLEASANT AV.	PRAIRIE AV.									1800			
	MARTHA ST.	VIEW ST.	MARTHA ST.									1300			
				SubTotal										4200	
				SubTotal										8100	

Project ID	STREET	DESCRIPTION		Existing Lighting	SUPPLEMENTAL STREET LIGHTING PROGRAM CAPITAL IMPROVEMENT PRIORITIZING CRITERIA					Total Score Out of 120	Length (feet)
		FROM	TO		Proximity to Schools/Churches	Proximity to Recreational Areas	Proximity to Commercial/Retail Areas	Traffic Volume	Incidence of Burglary		
22	CSANG BL	PLEASANT AV	PLEASANT AV								1800
	STEWART AV	PLEASANT AV	PLEASANT AV	8	10	5	4	1	0	0	1600
	LOMBARD AV	PLEASANT AV	GRACE ST								1300
2E	GREAT WESTERN TRAIL	MAIN ST	UNION PACIFIC RAILROAD	10	9	10	10	3	2	0	8250
		NORTH AV	GROVE ST								3100
		MAIN ST	GROVE ST	8	10	10	8	7	4	0	5600
2F	LALONDE AV	BERKSHIRE AV	VIEW ST								1300
		FAIRFIELD AV	VIEW ST								1300
		EDGEWOOD AV	VIEW ST	8	10	5	4	3	2	0	1300
3A	LALONDE AV	BERKSHIRE AV	VIEW ST								1400
		JOYCE AV	VIEW ST								1000
		EDGEWOOD AV	VIEW ST								1000
3B	LALONDE AV	CLARENDON AV	PLEASANT AV								2800
		CLARENDON AV	PLEASANT AV								2800
		GREENFIELD AV	GRACE ST								2700
3C	LALONDE AV	FAIRFIELD AV	VIEW ST								1300
		EDGEWOOD AV	VIEW ST								1100
		VISTA AV	VIEW ST	8	9	10	2	3	2	0	200
3D	LALONDE AV	LEWIS AV	VIEW ST								300
		CLARENDON AV	VIEW ST								200
		CLARENDON AV	VIEW ST								2800
3E	LALONDE AV	GREENFIELD AV	GRACE ST								1300
		PRairie AV	GRACE ST								2700
		WESTWOOD AV	GRACE ST								11400
3F	LALONDE AV	BERKSHIRE AV	SUNSET AV								500
		FAIRFIELD AV	SUNSET AV								500
		EDGEWOOD AV	SUNSET AV								500
3G	LALONDE AV	EDGEWOOD AV	SUNSET AV								500
		VISTA AV	SUNSET AV								500
		CLARENDON AV	SUNSET AV	8	10	9	5	2	2	0	718
3H	LALONDE AV	WESTWOOD AV	SUNSET AV								500
		SUNSET AV	SUNSET AV								2600
		BERKSHIRE AV	GRACE ST								8200
3I	LALONDE AV	NORTH AV	ST CHARLES RD	2	8	10	7	3	2	0	5000
		GRACE ST	NORTH AV								843
		GRACE ST	NORTH AV								5000
3J	LALONDE AV	BERKSHIRE AV	MAPLE ST								1000
		MARTHA ST	MAPLE ST								1200
		CREAG PL	MAPLE ST	2	9	10	1	4	0	543	
3K	LALONDE AV	STEWART AV	PARKSIDE AV								1500
		LOMBARD AV	PARKSIDE AV								1700
		ELM ST	GRACE PL								1100
3L	LALONDE AV	RANDOLPH ST	MARTHA ST								400
		GREEN VALLEY DR	WASHINGTON BLVD								1200
		PARK RD	HICKORY RD								1900
3M	LALONDE AV	HICKORY RD	ELIZABETH AV								1300
		PARK CT	PARK RD	4	10	10	2	2	3	10	760
		N WASHINGTON CT	PARK RD								300
3N	LALONDE AV	S WASHINGTON CT	PARK RD								300
		S WASHINGTON CT	PARK RD								300
		GREEN VALLEY DR	PARK RD								900
3O	LALONDE AV	CHARLOTTE ST	MORNINGSIDES AV								500
		MARTHA ST	MADISON ST								1600
		STEWART AV	WASHINGTON ST								1200
3P	LALONDE AV	LOMBARD AV	WASHINGTON ST	8	9	8	10	2	0	0	670
		WASHINGTON BLVD	WASHINGTON ST								2400
		MORNINGSIDES BLVD	GRACE ST								2700
3Q	LALONDE AV	EASTVIEW TERR	MARTHA ST								800
		MARTHA CT	HICKORY RD	4	8	5	8	1	2	10	10200
		GLENN OAK RD	FINLEY RD	10	7	10	5	1	1	0	300
3R	LALONDE AV	MAIN ST	MAPLE ST	8	10	9	10	8	4	0	2400
		MAIN ST	MADISON ST								895
		MAIN ST	MADISON ST								3100
SubTotal											

Project ID	STREET	DESCRIPTION		Existing Lighting	Proximity to Schools/Churches	Proximity to Recreational Areas	Proximity to Commercial/Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Fall in the Gaps	Total Score Out of 120	Length (feet)
		FROM	TO										
5A	EDGEWOOD AV.	ST CHARLES RD.	MARLE ST.										2000
		LEWIS AV.	EMERSON AV.	8	10	10	10	2	6	3	0	77.5	1300
		LOGE AV.	MARLE ST.										1900
		CHASE AV.	ST CHARLES RD.										600
		ST CHARLES PL.	ST CHARLES RD.	CHASE AV.									1900
	EMERSON AV.	EDGEWOOD AV.	CHASE AV.									1900	
SUBTOTAL													8600
5B	2ND AV.	KENILWORTH CT.	NORTH BROADWAY										2100
		3RD AV.	WESTMORE AV.	6	7	10	10	7	2	4	0	73.8	1300
		KENILWORTH AV.	WESTMORE AV.										1300
		EMERSON AV.	WESTMORE AV.										1300
		MARLE ST.	WESTMORE AV.	W. TO VILLAGE LIMITS									1300
SUBTOTAL													6100
5C	EDGEWOOD AV.	MARLE ST.	NORTH BROADWAY										600
		LEWIS AV.	MARLE ST.	8	10	9	7	2	6	3	0	71.5	600
		LOGE AV.	MARLE ST.										600
		CHASE AV.	MARLE ST.										600
													600
SUBTOTAL													2400
5D	LALONDE AV.	WASHINGTON ST.	800 S/O WASHINGTON ST.										600
		FARFIELD AV.	MADISON ST.	6	10	10	8	3	2	3	0	67.3	2500
		EDGEWOOD AV.	MADISON ST.										2500
		LEWIS AV.	MADISON ST.										2500
		LOGE AV.	MADISON ST.	SOUTH BROADWAY									2500
	WASHINGTON BLVD.	GRACE ST.	LOGE AV.									2100	
SUBTOTAL													12700
5E	CHASE AV.	SOUTH BROADWAY	MADISON ST.										2500
		HIGHLAND AV.	SOUTH BROADWAY	6	10	10	10	3	2	4	0	71.3	5500
		ARENS AV.	DIVISION ST.										2200
		SCHOOL ST.	SOUTH BROADWAY										2400
		DIVISION ST.	LOGE AV.	WESTMORE AV.									1800
	WASHINGTON BLVD.	LOGE AV.	WESTMORE AV.									1900	
SUBTOTAL													13400
5F	2ND AV.	WOODROW ST.	300 S/O WOODROW ST.										300
		3RD AV.	WASHINGTON BLVD.	6	10	6	9	3	1	3	0	61.8	600
		XELTA CT.	WASHINGTON BLVD.										400
		WASHINGTON BLVD.	WESTMORE AV.										1300
			WESTMORE AV.	ADDISON ST.									1300
SUBTOTAL													2800
5G	HARMONY LN.	MADISON ST.	500 N/O MADISON ST.										500
		MADISON ST.	ADDISON ST.	4	10	9	9	7	1	3	0	69.3	1300
													1300
													1300
													1300
SUBTOTAL													4800
5H	DIVISION ST.	WESTMORE AV.	ADDISON ST.										1300
		FARFIELD AV.	MARLE ST.	6	10	7	10	1	1	3	0	50.8	1300
													1300
													800
													600
SUBTOTAL													4300
5I	GREAT WESTERN TRAIL	ST CHARLES RD.	EAST VILLAGE LIMITS										600
				10	4	10	10	10	6	7	0	81.5	4300
													4300
													4300
													4300
SUBTOTAL													2800
5J	HIGHLAND AV.	GREAT WESTERN TRAIL	ILLINOIS PRAIRIE PATH										4000
		MAPLE ST.	GRACE ST.	2	10	10	10	7	6	7	0	75.3	4000
													4000
													4000
													4000
SUBTOTAL													15500
5A	EDISON ST.	MADISON ST.	ETHEL AV.										1500
		ELIZABETH ST.	MADISON ST.	8	9	9	10	3	3	1	0	71.3	1500
		LINCOLN ST.	HARDING RD.										800
		HARDING RD.	FINLEY RD.										3000
		HARRISON RD.	FINLEY RD.	MAIN ST.									3000
	ETHEL AV.	FINLEY RD.	MAIN ST.									2900	
SUBTOTAL													12700
5B	EDISON ST.	ETHEL AV.	WILSON AV.										1100
		ELIZABETH ST.	WILSON AV.	8	10	10	10	6	8	1	0	84.5	1100
		LINCOLN ST.	WILSON AV.										1100
		TAYLOR RD.	FINLEY RD.										2800
		GRAHAM AV.	FINLEY RD.	MAIN ST.									2800
	WILSON AV.	FINLEY RD.	MAIN ST.									2900	
SUBTOTAL													11100
5C	CHARLOTTE ST.	MADISON ST.	WILSON AV.										2600
		NORRURY AV.	WILSON AV.	8	9	9	10	2	2	4	0	71.5	2600
		HAMMERSCHMIDT AV.	MADISON ST.										2800
		HARDING RD.	MAIN ST.										1300
		HARRISON RD.	MAIN ST.	HAMMERSCHMIDT AV.									1300
	TAYLOR RD.	MAIN ST.	HAMMERSCHMIDT AV.									1300	
SUBTOTAL													11700
5D	MAIN ST.	MADISON ST.	ROOSEVELT RD.										800
				10	10	10	10	8	8	4	0	53.0	5300
SUBTOTAL													6300

Project ID	STREET	DESCRIPTION		SUPPLEMENTAL STREET LIGHTING PROGRAM-CAPITAL IMPROVEMENT PRIORITIZING CRITERIA										Length (feet)
		FROM	TO	Existing Lighting	Proximity to Schools/Churches	Proximity to Recreational Areas	Proximity to Commercial Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Pill in the Gaps	Total Score Out of 20		
6E	CUL-DE-SAC NO CENTRAL	BETWEEN ELIZABETH AV	DANIEL CT	10	9	8	9	1	8	0	10	87.8	100	
	CUL-DE-SAC S/O CENTRAL	BETWEEN ELIZABETH AV	DANIEL CT									100	100	
	JEFFERY CT	CENTRAL AV	NO CUL-DE-SAC									200	200	
6F	WILSON AV	PARKVIEW BLVD	LT RTE 53	8	2	8	10	1	2	0	0	48.8	1100	
	MADISON ST	FINLEY RD	MAIN ST	2	10	6	10	7	3	2	0	61.3	3000	
												10	1100	
7A	STEWART AV	MADISON ST	HARRISON RD									1300	1300	
	LOMBARD AV	MADISON ST	HARRISON RD									1300	1300	
	GRACE ST	MADISON ST	HARRISON RD									1300	1300	
	LAUNDE AV	MADISON ST	HARRISON RD									1300	1300	
	FAIRFIELD AV	MADISON ST	HARRISON RD									1300	1300	
	HAROLD RD	LOMBARD AV	200' E/O FAIRFIELD AV									1300	1300	
	NEW ST	HAMMERSCHMIDT AV	STEWART AV									600	600	
	HARRISON RD	HAMMERSCHMIDT AV	200' E/O FAIRFIELD AV									2200	2200	
	CIRCLE AV	HARRISON RD	HARRISON RD									1100	1100	
												11700	11700	
7B	STEWART AV	TAYLOR RD	WILSON AV									600	600	
	LOMBARD AV	TAYLOR RD	WILSON AV									600	600	
	GRACE ST	HARRISON RD	WILSON AV									1200	1200	
	LAUNDE AV	HARRISON RD	WILSON AV									120	120	
	FAIRFIELD AV	HARRISON RD	WILSON AV									1200	1200	
	TAYLOR RD	HAMMERSCHMIDT AV	200' E/O FAIRFIELD AV									2200	2200	
												5330	5330	
7C	LIBERTY LN	HAMILTON LN	ADAMS ST									400	400	
	CONCORD LN	HAMILTON LN	ADAMS ST									400	400	
	HAMILTON LN	LIBERTY LN	CONCORD LN	4	9	7	10	5	1	2	0	60.8	300	
	REVERE CT	LIBERTY LN	CUL-DE-SAC									400	400	
	ADAMS ST	WESTMORE AV	ADAMS ST									1300	1300	
	JACKSON ST	WESTMORE AV	ADAMS ST									1300	1300	
												4100	4100	
7D	STEWART AV	WILSON RD	ROOSEVELT RD									2600	2600	
	GRACE ST	WILSON RD	CENTRAL AV									1200	1200	
	HIGHRIDGE RD	STEWART AV	GRACE ST									600	600	
	NORTON ST	CENTRAL AV	GRACE ST	8	8	10	10	5	1	1	0	74.3	600	
	CENTRAL AV	HAMMERSCHMIDT AV	GRACE ST									1300	1300	
	EDWARD ST	HAMMERSCHMIDT AV	STEWART AV									600	600	
	ANN ST	HAMMERSCHMIDT AV	STEWART AV									600	600	
												7600	7600	
7E	FAIRFIELD AV	WILSON RD	CENTRAL AV									1200	1200	
	EDGEWOOD AV	WILSON RD	CENTRAL AV									1200	1200	
	CENTRAL AV	GRACE ST	LEWIS AV	8	10	10	8	5	1	0	0	71.8	1600	
												4100	4100	
7F	LEWIS AV	WILSON AV	MICHELLE LN									1800	1800	
	CHEERY LN	WILSON AV	FAIRVIEW AV									1800	1800	
	APPLE LN	WILSON AV	FAIRVIEW AV	4	7	10	8	1	1	0	0	50.3	1800	
	FAIRVIEW AV	WILSON AV	MORRIS CT									1800	1800	
	MICHELLE LN	CHEERY LN	700 SW/O LEWIS AV									1100	1100	
	MORRIS CT	FAIRVIEW AV	W/O CUL-DE-SAC									200	200	
												7600	7600	
7G	ROOSEVELT RD	HIGHLAND AV	CHURCH AV	10	10	10	10	8	7	1	0	63.8	5700	
	MADISON ST	FAIRFIELD AV	WESTMORE AV	8	10	10	8	7	2	4	0	80.3	3300	
												64.3	3300	
												8700	8700	
7I	MADISON ST	MAIN ST	FAIRFIELD AV	8	10	10	10	7	3	4	0	68.3	900	
												3300	3300	
												3300	3300	
												6300	6300	
7J	CHURCH AV	MORRIS AV	ROOSEVELT RD	10	10	7	10	1	0	0	0	68.3	900	
	MORRIS AV	WESTMORE RD	CHURCH AV									300	300	
												3400	3400	
7K	WILSON AV	MAIN ST	FAIRFIELD AV	8	8	9	10	6	2	4	0	77.0	3400	
	WILSON AV	FAIRFIELD AV	WESTMORE AV	8	8	10	9	6	1	1	0	73.0	3500	
												3100	3100	
												5270	5270	
7L	WILSON AV	FAIRFIELD AV	WESTMORE AV	8	8	10	9	6	1	4	0	62.3	300	
												6000	6000	
7M	ROOSEVELT RD	W. VILLAGE LIMITS	HIGHLAND AV	10	7	8	10	9	10	4	0	62.3	5700	
	LINCOLN ST	ANN ST	ROOSEVELT RD									300	300	
												6000	6000	
7N	13TH ST	GARFIELD ST	HIGHLAND AV	6	6	7	10	1	2	0	0	53.3	700	
												700	700	
7O	ELIZABETH ST	22ND ST	600' N/O 22ND ST	4	4	3	10	1	4	0	0	41.3	800	
												5300	5300	
												66.5	600	
												500	500	
												6400	6400	

VILLAGE OF LOMBARD
 COMPREHENSIVE STREET LIGHTING PROGRAM - Detailed Spreadsheet
 CBBEL PROJECT NO. 01-31 BG 2

Prioritizing Criteria Rating System					
Existing Lighting	Rating Based on Majority of Lighting Present	Proximity to Schools/Churches, Recreational Areas, Commercial/Retail Areas Rating	Rating Based on Distance in Feet	Traffic Volume Rating	Rating Based on Volumes (cars/day)
Out Dated Light Standards	2	1	4,501 & Greater	1	0-500
Direct Connects	4	2	4,001-4,500	2	501-1,000
Midblock & Intersections Only	6	3	3,501-4,000	3	1,001-1,500
Intersections Only	8	4	3,001-3,500	4	1,501-2,000
No Lights	10	5	2,501-3,000	5	2,001-5,000
		6	2,001-2,500	6	5,001-8,000
		7	1,501-2,000	7	8,001-15,000
		8	1,001-1,500	8	15,001-30,000
		9	501-1,000	9	30,001 & greater
		10	0-500	10	Pedestrian Trail

Prioritizing Criteria Rating System					
Incidence of Burglary Rating	Rating Based on No. of Incidents/2yr	Incidence of Vandalism Rating	Rating Based on No. of Incidents/2yr	Fill in the Gap	Project Area adjacent to at least 3 roadways with existing street lighting?
1	1-5	0	0		
2	6-10	1	1		
3	11-15	2	2	0	No
4	16-20	3	3		
5	21-25	4	4		
6	26-30	5	5		
7	31-35	6	6	10	Yes
8	36-40	7	7		
9	41-50	8	8		
10	51-106	9	9		
		10	10		

Weighting Values							
Existing Lighting	Proximity to Schools/Churches	Proximity to Recreational Areas	Proximity to Commercial/Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Fill in the Gap
2.50	1.50	1.50	1.50	1.75	1.00	1.00	1.25

VILLAGE OF LOMBARD
 COMPREHENSIVE STREET LIGHTING PROGRAM - Roadway Classification Priority Spreadsheet
 CBBEL PROJECT NO. 01-31 BG 2

Arterial Roadway

Project ID	STREET	FROM	TO	Total Score Out of 120	Length (feet)	Estimated Design Construction & RE Costs	Cumulative Total Cost
6D	MAIN ST.	MADISON ST.	ROOSEVELT RD.	96.0	5,300	\$448,941	\$448,941
2F	MAIN ST.	NORTH AV.	GROVE ST.	90.0	5,600	\$448,000	\$896,941
4F	MAIN ST.	MAPLE ST.	MADISON ST.	89.5	3,400	\$288,000	\$1,184,941
9B	HIGHLAND AV.	ROOSEVELT RD.	22ND ST.	86.5	6,400	\$536,941	\$1,721,882
6B	WILSON AV.	FINLEY RD.	MAIN ST.	84.5	11,100	\$888,000	\$2,609,882
7K	WILSON AV.	MAIN ST.	FAIRFIELD AV.	77.0	3,400	\$272,000	\$4,531,482
7L	WILSON AV.	FAIRFIELD AV.	WESTMORE AV.	73.0	3,300	\$264,000	\$6,835,482
7I	MADISON ST.	MAIN ST.	FAIRFIELD AV.	84.3	3,300	\$264,000	\$3,409,882
7H	MADISON ST.	FAIRFIELD AV.	WESTMORE AV.	80.3	3,300	\$264,000	\$3,673,882
5G	MADISON ST.	WESTMORE AV.	ADDISON ST.	68.3	1,800	\$144,000	\$6,835,482
6G	MADISON ST.	FINLEY RD.	MAIN ST.	61.3	3,000	\$240,000	\$6,835,482
7B	GRACE ST.	HARRISON RD.	WILSON AV.	78.5	5,920	\$473,600	\$4,531,482
7A	GRACE ST.	MADISON ST.	HARRISON RD.	74.0	11,700	\$936,000	\$6,187,482
3D	GRACE ST.	NORTH AV.	ST. CHARLES RD.	64.3	5,000	\$400,000	\$6,835,482
5L	MAPLE ST.	GRACE ST.	WESTMORE AV.	75.3	4,000	\$320,000	\$6,187,482
5B	MAPLE ST.	WESTMORE AV.	W. TO VILLAGE LIMITS	73.8	8,100	\$648,000	\$6,835,482

Collector Roadway

Project ID	STREET	FROM	TO	Total Score Out of 120	Length (feet)	Estimated Total Cost	Cumulative Total Cost
1K	CRESCENT BLVD.	FINLEY RD.	W. TO VILLAGE LIMITS	102.3	3,300	\$215,636	\$215,636
4E	GLEN OAK RD.	FINLEY RD.	W. TO VILLAGE LIMITS	74.8	2,400	\$192,000	\$407,636
7D	STEWART AV.	WILSON RD.	ROOSEVELT RD.	74.3	7,500	\$600,000	\$1,007,636
3C	SUNSET AV.	GRACE ST.	WESTWOOD AV.	71.8	9,200	\$736,000	\$1,743,636

7E	FAIRFIELD AV.	WILSON RD.	CENTRAL AV.	71.8	4,300	\$344,000	\$2,087,636
3A	PLEASANT AV.	GRACE ST.	WESTWOOD AV.	69.5	10,600	\$848,000	\$2,935,636
2C	VIEW ST.	MAIN ST.	MARTHA ST.	69.5	8,100	\$648,000	\$3,583,636
1A	WEST RD.	NORTH AV.	PLEASANT LN.	66.5	4,300	\$344,000	\$3,927,636
2D	VIEW ST.	MARTHA ST.	GRACE ST.	64.0	8,200	\$656,000	\$4,583,636
7C	JACKSON ST.	WESTMORE AV.	ADDISON ST.	60.8	4,100	\$328,000	\$4,911,636

Residential Roadway

Project ID	STREET	FROM	TO	Total Score Out of 120	Length (feet)	Estimated Total Cost	Cumulative Total Cost
6E	JEFFERY CT.	CENTRAL AV.	N/O CUL-DE-SAC	87.8	400	\$32,000	\$32,000
2A	GOEBEL DR.	GARFIELD ST.	GRACE ST.	79.5	5,800	\$464,000	\$496,000
5A	LODGE AV.	ST. CHARLES RD.	MAPLE ST.	77.5	9,600	\$768,000	\$1,264,000
2B	BERKSHIRE AV.	MAIN ST.	STEWART AV.	77.5	4,200	\$336,000	\$1,600,000
1I	BROADVIEW AV.	GREAT WESTERN TRAIL	ST. CHARLES RD.	77.3	1,700	\$136,000	\$1,736,000
4B	GREEN VALLEY DR.	GREEN VALLEY DR. W	PARK RD.	76.0	6,200	\$496,000	\$2,232,000
1J	GLENVIEW AV.	ST. CHARLES RD.	500' N/O EUGENIA ST.	75.8	1,500	\$120,000	\$2,352,000
1M	PRAIRIE AV.	PARK AV.	MAIN ST.	75.3	400	\$32,000	\$2,384,000
1F	ELIZABETH ST.	GREENFIELD AV.	GREAT WESTERN TRAIL	74.8	1,000	\$80,000	\$2,464,000
5K	HIGHLAND AV.	GREAT WESTERN TRAIL	ILLINOIS PRAIRIE PATH	73.8	2,600	\$208,000	\$2,672,000
5C	LODGE AV.	MAPLE ST.	NORTH BROADWAY	71.5	2,400	\$192,000	\$2,864,000
6C	HARRISON RD.	MAIN ST.	HAMMERSCHMIDT AV.	71.5	11,700	\$936,000	\$3,800,000
6A	HARRISON RD.	FINLEY RD.	MAIN ST.	71.3	12,700	\$1,016,000	\$4,816,000
5E	WASHINGTON BLVD.	LODGE AV.	WESTMORE AV.	71.3	13,400	\$1,072,000	\$5,888,000
1E	MEADOW AV.	IL RTE. 53	WEST RD.	70.8	2,600	\$208,000	\$6,096,000
3B	PRAIRIE AV.	GRACE ST.	WESTWOOD AV.	70.5	11,400	\$912,000	\$7,008,000
1L	BROADVIEW AV.	NORTH AV.	900' S/O NORTH AV.	69.8	900	\$72,000	\$7,080,000
1B	ELIZABETH ST.	NORTH AV.	SUNSET AV.	69.3	8,300	\$664,000	\$7,744,000
1C	ELIZABETH ST.	SUNSET AV.	LOY ST.	68.8	9,300	\$744,000	\$8,488,000
7J	CHURCH AV.	MORRIS AV.	ROOSEVELT RD.	68.3	900	\$72,000	\$8,560,000
5D	WASHINGTON BLVD.	GRACE ST.	LODGE AV.	67.3	12,700	\$1,016,000	\$9,576,000
4C	WASHINGTON BLVD.	MAIN ST.	GRACE ST.	67.0	10,200	\$816,000	\$10,392,000

1D	PLEASANT LN.	BROADVIEW AV.	WEST RD.	65.8	2,000	\$160,000	\$10,552,000
5F	WASHINGTON BLVD.	WESTMORE AV.	ADDISON ST.	61.8	3,900	\$312,000	\$10,864,000
5I	FAIRFIELD AV.	MAPLE ST.	NORTH BROADWAY	60.0	600	\$48,000	\$10,912,000
5H	DIVISION ST.	WESTMORE AV.	ADDISON ST.	59.8	1,300	\$104,000	\$11,016,000
4D	MARTHA CT.	HICKORY RD.	300' N/O HICKORY RD.	55.8	300	\$24,000	\$11,040,000
4A	CRAIG PL.	PARKSIDE AV.	MAPLE ST.	54.3	8,300	\$664,000	\$11,704,000
8B	13TH ST.	GARFIELD ST.	HIGHLAND AV.	53.3	700	\$56,000	\$11,760,000
7F	LEWIS AV.	WILSON AV.	MICHELLE LN.	50.3	7,500	\$600,000	\$12,360,000
6F	WILSON AV.	PARKVIEW BLVD.	IL RTE. 53	48.8	1,100	\$88,000	\$12,448,000
9A	ELIZABETH ST.	22ND ST.	800' N/O 22ND ST.	41.3	800	\$64,000	\$12,512,000

Pedestrian Trail

Project ID	STREET	FROM	TO	Total Score Out of 120	Length (feet)	Estimated Total Cost	Cumulative Total Cost
1H	GREAT WESTERN TRAIL	IL RTE. 53	MAIN ST.	94.0	3,900	\$312,000	\$312,000
5J	GREAT WESTERN TRAIL	ST. CHARLES RD.	EAST VILLAGE LIMITS	91.5	4,300	\$344,000	\$656,000
2E	GREAT WESTERN TRAIL	MAIN ST.	UNION PACIFIC RAILROAD	86.5	3,400	\$272,000	\$928,000
1G	GREAT WESTERN TRAIL	IL 355	IL RTE. 53	82.5	900	\$72,000	\$1,000,000

IL Route 38

Project ID	STREET	FROM	TO	Total Score Out of 120	Length (feet)	Estimated Total Cost	Cumulative Total Cost
7G	ROOSEVELT RD.	HIGHLAND AV.	CHURCH AV.	93.8	5,700	\$482,824	\$482,824
8A	ROOSEVELT RD.	W. VILLAGE LIMITS	HIGHLAND AV.	92.3	6,000	\$488,824	\$971,647

All streets in each project area may not be included on this spreadsheet. Street limits identified above are roadways with the highest traffic volume within each project area.



Comprehensive Street Lighting Program Project Prioritization

**Briefing to Board of Trustees
January 5, 2006**



Program Goal



Light the Village



Implementation Concept



- Programmed road construction
- Separate street light projects
 - Requirement - \$26 Million
 - FY 2007 – 2016 Capital Improvement Program
 - FY2010 - \$1,000,000
 - FY2011 - \$1,000,000
 - FY2012 - \$1,000,000



Existing Village Street Lights



EXISTING STREET LIGHTS

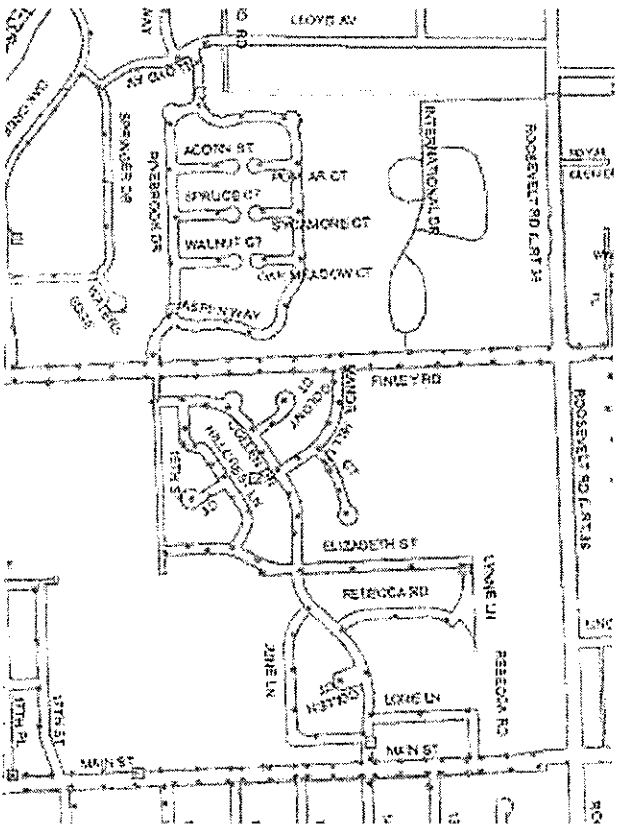


NOT TO SCALE

- VILLAGE STREET LIGHT
- ▲ DIRECT CONNECT STREET LIGHT
- ◆ COMED STREET LIGHT
- CONTROLLER CABINET

VILLAGE LIMITS











JUNE 2005

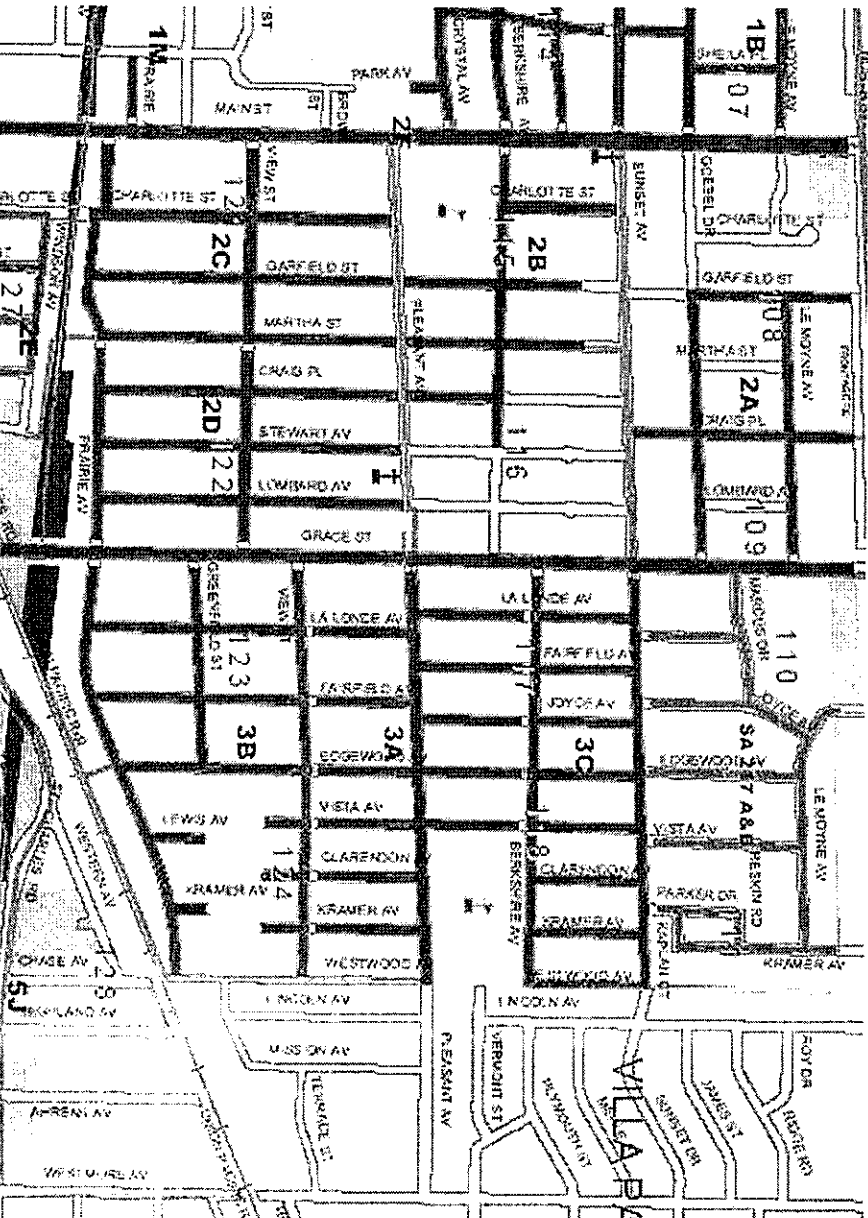




Proposed Street Lighting Projects



 N
 MAP TO SCALE
 PARKS
 BUSINESS DISTRICTS
 OFFICE COMPLEX
 CHURCHES
 SCHOOLS
 1A
 PROJECT LIMITS
 PROPOSED AREAS
 ROADWAY PROJECTS
 JUNE 2005





Prioritization Criteria



- Existing Lighting
- Traffic Volumes
- Proximity to
 - Schools & Churches
 - Recreational Areas
 - Commercial/Retail Areas
- Fill in the Gap
- Incidences of
 - Burglary
 - Vandalism



Detailed Spread Sheet



DESCRIPTION		SUPPLEMENTAL STREET LIGHTING PROGRAM-CAPITAL IMPROVEMENT PRIORITIZING CRITERIA											
#	STREET	FROM	TO	Existing Lighting	Proximity to				Incidence of		Fill in the Gaps	Total Score Out of 120	Length (feet)
					Schools/ Churches	Recreational Areas	Commercial/ Retail Areas	Commercial/ Industrial	Business	Residential			
1M	PRAIRIE	PARK	MAIN	10	6	8	8	1	2	1	10	75.3	400
Subtotal 400													
2A	GARFIELD	NORTH	GOEBEL	8	8	10	9	2	1	2	10	79.5	1,000
	CRAIG	NORTH	SUNSET										1,400
	LEMOYNE	GARFIELD	GRACE										1,700
	GOEBEL	GARFIELD	GRACE										1,700
Subtotal												5,800	



Existing Lighting



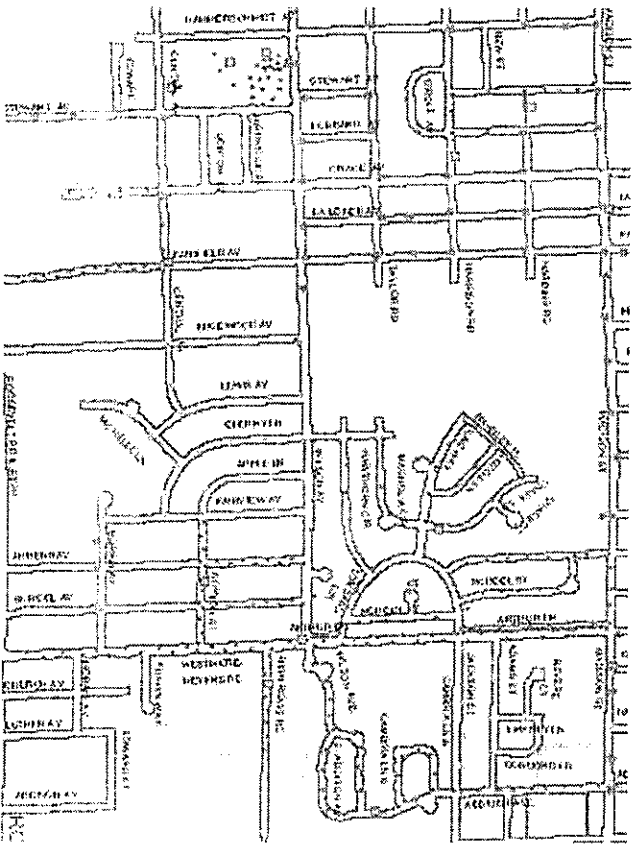
EXISTING STREET LIGHTS



N 1/2 3/4 SCALE

- VILLAGE STREET LIGHT
- ▲ DIRECT CONNECT STREET LIGHT
- ✱ COMED STREET LIGHT
- CONTROLLER CABINET
- ▭ VILLAGE LIMITS

JUNE 2005

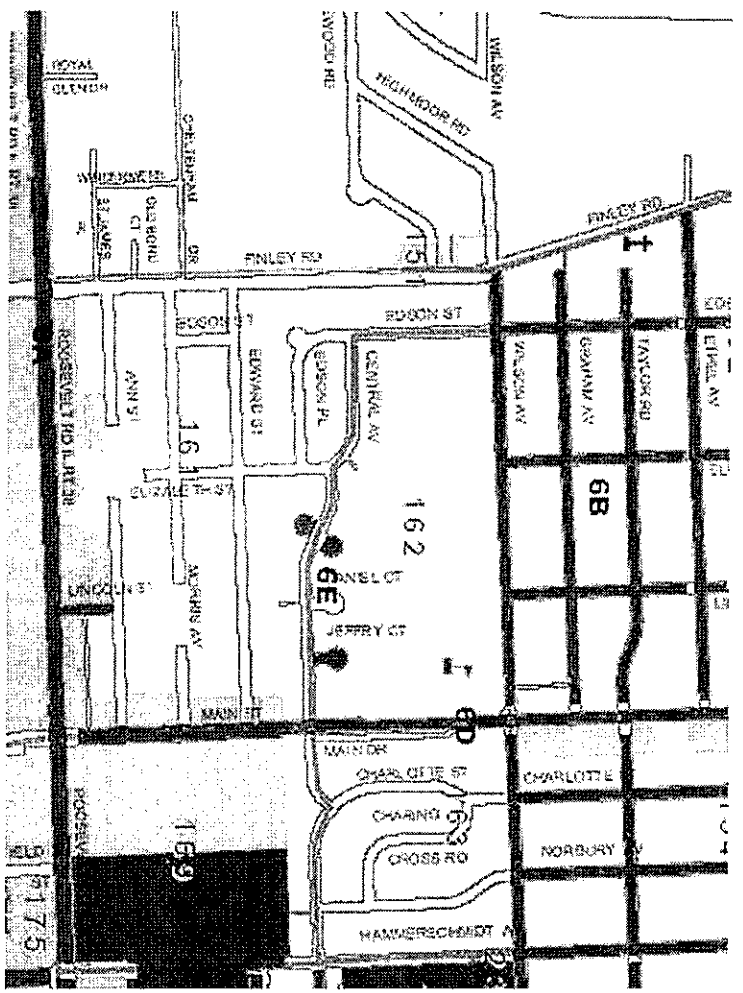




Traffic Volume



- PARKS
 - BUSINESS DISTRICTS
 - OFFICE COMPLEX
 - CHURCHES
 - SCHOOLS
 - VILLAGE LIMITS
 - 1A PROJECT AREAS
 - PROPOSED ROADWAY PROJECTS
- JUNE 2005



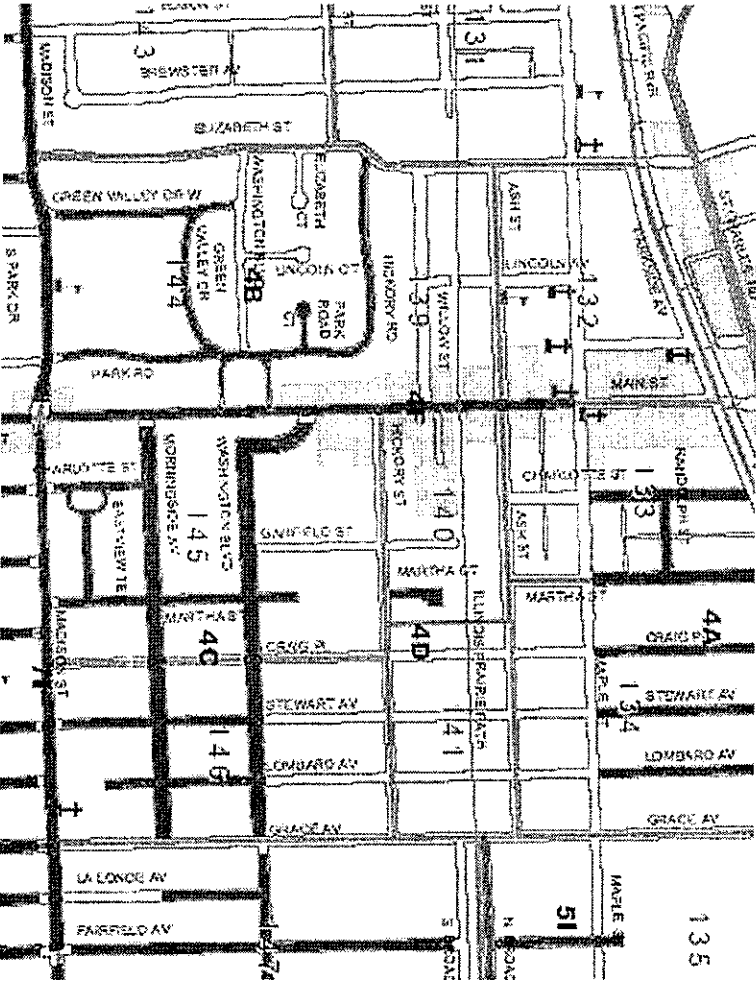


Proximity



- PARKS
- BUSINESS DISTRICTS
- OFFICE COMPLEX
- CHURCHES
- SCHOOLS
- VILLAGE LIMITS
- PROJECT AREAS
- PROPOSED ROADWAY PROJECTS

JUNE 2005



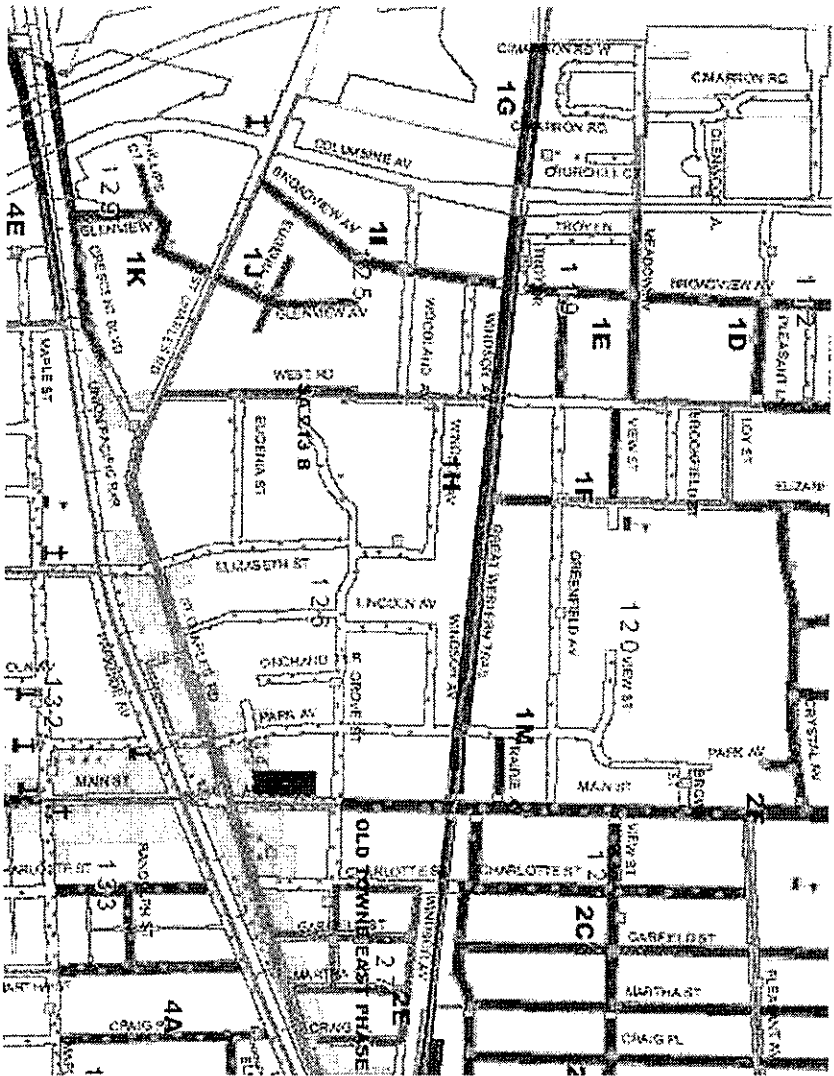


Fill in the Gap



NOT TO SCALE

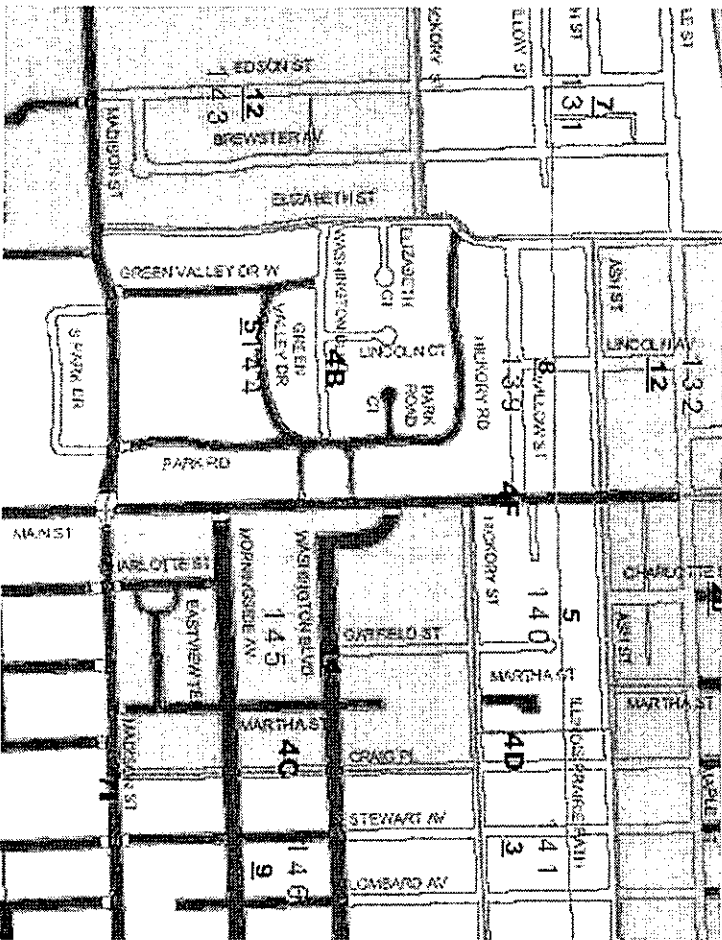
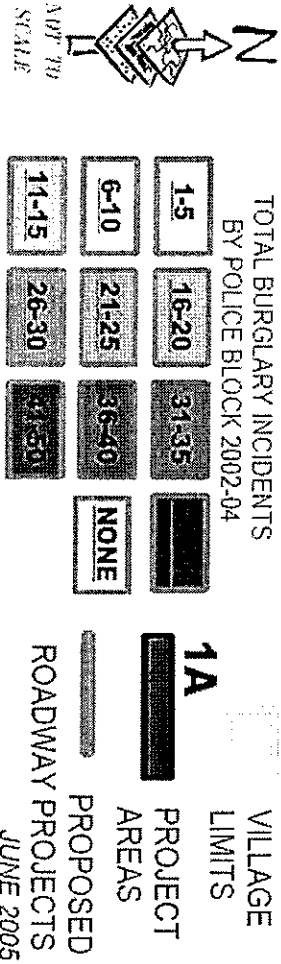
- PARKS
 - BUSINESS DISTRICTS
 - OFFICE COMPLEX
 - CHURCHES
 - SCHOOLS
 - 1A PROJECT LIMITS
 - PROPOSED AREAS
 - ROADWAY PROJECTS
 - VILLAGE STREET LIGHT
 - DIRECT CONNECT STREET LIGHT
 - COMED STREET LIGHT
 - CONTROLLER CABINET
- JUNE 2005





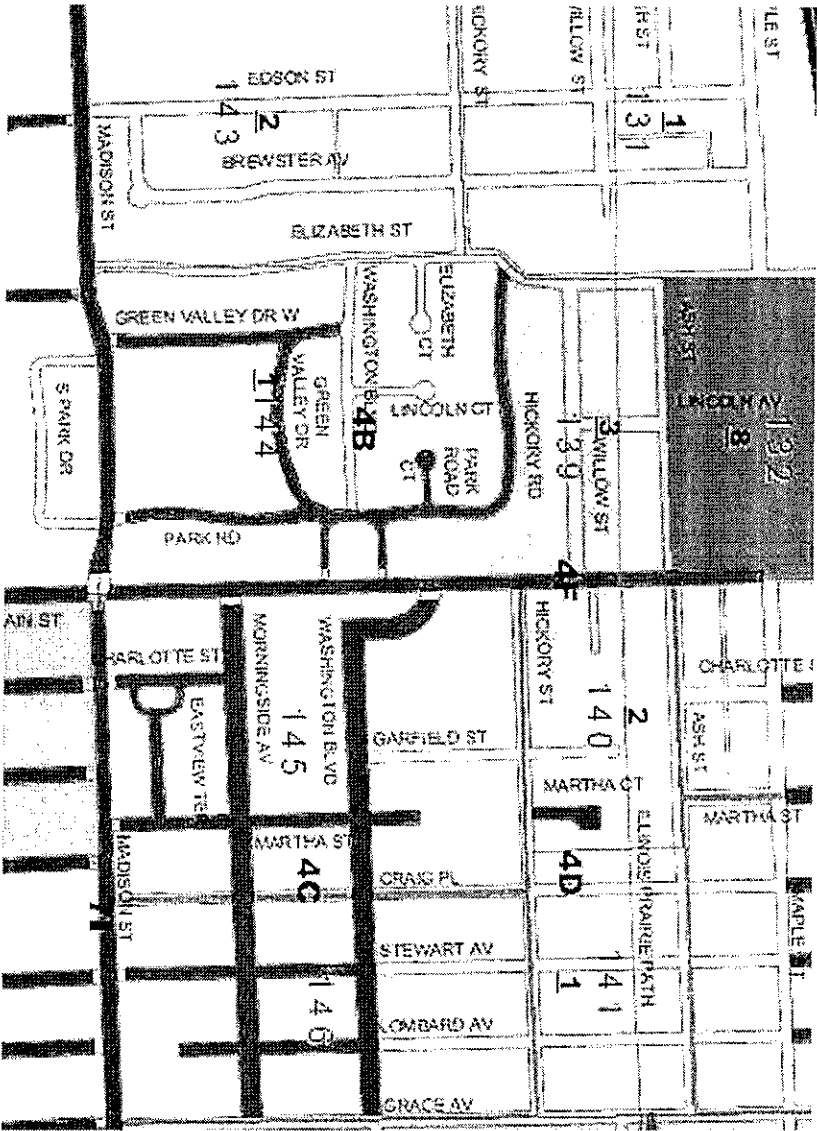
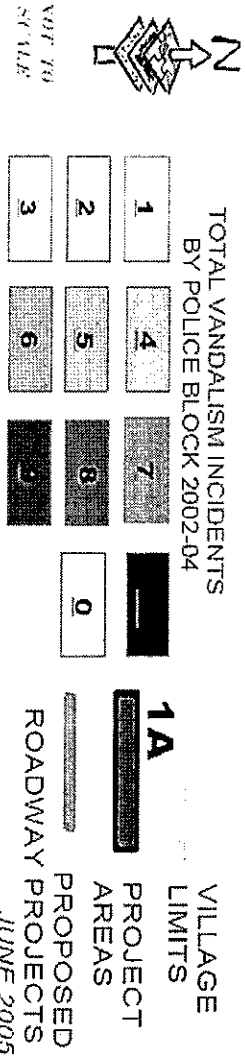
Incidences of Burglary

TOTAL BURGLARY INCIDENTS
BY POLICE BLOCK 2002-04





Incidences of Vandalism





Criteria Weight



Weighting Values

Existing Lighting	Proximity to Schools/ Churches	Proximity to Recreational Areas	Proximity to Commercial/ Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Fill in the Gap
2.50	1.50	1.50	1.50	1.75	1.00	1.00	1.25



Roadway Classification



Arterial Roadway

Project ID	STREET	FROM	TO	Total Score Out of 120
6D	MAIN ST.	MADISON ST.	ROOSEVELT RD.	96.0
2F	MAIN ST.	NORTH AV.	GROVE ST.	90.0
4F	MAIN ST.	MAPLE ST.	MADISON ST.	89.5
9B	HIGHLAND AV.	ROOSEVELT RD.	22ND ST.	86.5
6B	WILSON AV.	FINLEY RD.	MAIN ST.	84.5
7K	WILSON AV.	MAIN ST.	FAIRFIELD AV.	77.0
7L	WILSON AV.	FAIRFIELD AV.	WESTMORE AV.	73.0
7I	MADISON ST.	MAIN ST.	FAIRFIELD AV.	84.3
7H	MADISON ST.	FAIRFIELD AV.	WESTMORE AV.	80.3
5G	MADISON ST.	WESTMORE AV.	ADDISON ST.	68.3
6G	MADISON ST.	FINLEY RD.	MAIN ST.	61.3
7B	GRACE ST.	HARRISON RD.	WILSON AV.	78.5
7A	GRACE ST.	MADISON ST.	HARRISON RD.	74.0
3D	GRACE ST.	NORTH AV.	ST. CHARLES RD.	64.3
5L	MAPLE ST.	GRACE ST.	WESTMORE AV.	75.3
5B	MAPLE ST.	WESTMORE AV.	W. TO VILLAGE LIMITS	73.8



Committee Recommendation



- **Treat separately**
 - Great Western Trail (apply for grants)
 - Roosevelt Road
- **Prioritize by category based on traffic volume then separate projects**
 - Arterial
 - Collector
 - Residential
 - Great Western Trail
 - Roosevelt Road



Committee Recommendation (continued)



- **Within category prioritize by weight**
- **Additionally**
 - **Treat an arterial roadway as one**
 - **Complete it in one project**



Recommended Projects



Arterial Roadway

Project ID	STREET	FROM	TO	Total Score Out of 120	Length (feet)	Estimated Design Construction & RE Costs	Cumulative Total Cost
6D	MAIN ST.	MADISON ST.	ROOSEVELT RD.	96.0	5,300	\$448,941	\$448,941
2F	MAIN ST.	NORTH AV.	GROVE ST.	90.0	5,600	\$448,000	\$896,941
4F	MAIN ST.	MAPLE ST.	MADISON ST.	89.5	3,400	\$288,000	\$1,184,941
9B	HIGHLAND AV.	ROOSEVELT RD.	22ND ST.	86.5	6,400	\$536,941	\$1,721,882
6B	WILSON AV.	FINLEY RD.	MAIN ST.	84.5	11,100	\$888,000	\$2,609,882
7K	WILSON AV.	MAIN ST.	FAIRFIELD AV.	77.0	3,400	\$272,000	\$2,881,882
7L	WILSON AV.	FAIRFIELD AV.	WESTMORE AV.	73.0	3,300	\$264,000	\$3,145,882
7I	MADISON ST.	MAIN ST.	FAIRFIELD AV.	84.3	3,300	\$264,000	\$3,409,882
7H	MADISON ST.	FAIRFIELD AV.	WESTMORE AV.	80.3	3,300	\$264,000	\$3,673,882
5G	MADISON ST.	WESTMORE AV.	ADDISON ST.	68.3	1,800	\$144,000	\$3,817,882
6G	MADISON ST.	FINLEY RD.	MAIN ST.	61.3	3,000	\$240,000	\$4,057,882
7B	GRACE ST.	HARRISON RD.	WILSON AV.	78.5	5,920	\$473,600	\$4,531,482
7A	GRACE ST.	MADISON ST.	HARRISON RD.	74.0	11,700	\$936,000	\$5,467,482
3D	GRACE ST.	NORTH AV.	ST. CHARLES RD.	64.3	5,000	\$400,000	\$5,867,482
5L	MAPLE ST.	GRACE ST.	WESTMORE AV.	75.3	4,000	\$320,000	\$6,187,482
5B	MAPLE ST.	WESTMORE AV.	W. TO VILLAGE LIMITS	73.8	8,100	\$648,000	\$6,835,482



Operational Considerations

- **Present annual operational costs**
 - **Electricity** \$ 155,000
 - **Maintenance & Repair contract** \$ 72,000
 - **In-house repairs (parts)** \$ 6,000
 - **Total** \$ 233,000
- **Future additional operational costs (funded project)**
 - **Electricity** \$ 8,500
 - **Maintenance & Repair contract** \$ 2,800
 - **In-house repairs (parts)** \$ 200
 - **Total** \$ 11,500



Recommendation



- **Prioritize by:**
 - **Categories based on traffic volume**
 - **Within categories by weight**



What's Next



- **Using \$3 million in priority projects**
 - **Develop a conceptual SSA project**
 - **Project cost (as an SSA)**
 - **Proposed cost share**
 - **Estimated cost per resident**



Backup slides





Prioritization by Project



Project ID	STREET	FROM	TO	Total Score Out of 120	Length (feet)	Estimated Design Construction & RE Costs	Cumulative Total Cost
1K	Crescent	Finley Rd	W. To Village Limits	102.3	3300	215,636	215,636
6D	Main St	Madison St	Roosevelt Road	96.0	5300	448,941	664,578
2F	Main St	North Ave	Grove St	90.0	5600	448,000	1,112,578
4F	Main St	Maple St	Madison St	89.5	3400	288,000	1,400,578
6E	Jeffery Ct.	Central Ave	N/A (Cul-De-Sac)	87.8	400	32,000	1,432,578
9B	Highland Ave	Roosevelt Road	22 nd St	86.5	6400	536,941	1,969,519
6B	Wilson	Finley Rd	Main St	84.5	11100	888,000	2,857,519
7I	Madison	Main St	Finley Rd	84.5	3300	264,000	3,121,519
7H	Madison	Fairfield	Westmore Road	84.3	3300	264,000	3,385,519
2A	Goebel Dr.	Garfield	Grace	80.3	5800	464,000	3,849,519