


030774

**To:** Chairperson and Public Works Committee  
**From:** Justine Gembala, PE, Civil Engineer   
**Date:** December 9, 2004  
**Subject:** Comprehensive Street Lighting Program

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 and incidences of burglary and vandalism were used in developing the detailed spreadsheet.

The following information describes suggested ranking criteria and weighting values as recommended by staff. Staff is requesting direction from the Committee regarding the criteria and their importance. After the Committee makes a recommendation, staff will then apply the criteria and rank the projects. Staff will return to the Committee with the prioritized list in January.

#### **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.

The rating is based 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 proposed 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 Lighting" identifies the direct connect, ComEd, and Village lights.

#### **Proximity to Schools, Churches, Recreational Commercial/Retail Areas**

This rating is based 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.

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

#### **Traffic Volume**

The traffic volume rating is based 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.

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.

#### **Incidence of Burglary**

This rating is based from 1 to 10, with increments of 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.

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

### **Incidence of Vandalism**

This rating is based from 0 to 10, with increments of 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.

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

### **Other items**

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.

The detailed spreadsheet contains the project number, project limits, ratings for each of the above categories and a total score out of 100. The score was determined by weighting the rated categories. Existing lighting received the highest weight of 2.25, followed by traffic volumes with a weight of 1.75. Proximity to commercial/retail was weighted 1.50, proximity to schools, churches, and recreational areas were weighted 1.25 and incidences of burglary and vandalism were weighted 1.00.

The roadway classification spreadsheet breaks the project areas into pedestrian trail, arterial, collector and residential roadways. Within each roadway classification, the projects are prioritized based on their total score.

The Committee should consider the following other items as possible criteria to prioritize the street lighting projects:

- Use other sources of funding. For example, grants may be applied for street lighting projects along the pedestrian trail.
- Fill in the gaps priority. For example, only 3 of the 5 phases of the Lombard Hills East projects included Village street lighting. If filling in the gaps is important, then the project area adjacent to the Lombard Hills East project area would receive a higher priority.
- Priority among the different types of roadways. For example, arterial roadways could be a higher priority than collector roadways.

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

Project ID	DESCRIPTION		SUPPLEMENTAL STREET LIGHTING PROGRAM-CAPITAL IMPROVEMENT PRIORITIZING CRITERIA										Length (feet)
	STREET	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	Total Score Out of 100		
1A	WEST RD. SUNSET AV. POTOMAC AV.	NORTH AV. WEST RD. WEST RD.	PLEASANT LN. ELIZABETH ST. ELIZABETH ST.	8	9	8	8	4	1	1	60.3	2900 700 700	
											SubTotal	4300	
1B	ELIZABETH ST. RIDGE AV. ROCHELLE TERR. DUPAGE AV. SHEILA PL. LEMOYNE AV. GOEBEL DR. SUNSET AV.	NORTH AV. NORTH AV. LEMOYNE AV. GOEBEL DR. LEMOYNE AV. RIDGE AV. RIDGE AV. ELIZABETH AV.	SUNSET AV. SUNSET AV. GOEBEL DR. SUNSET AV. GOEBEL DR. MAIN ST. MAIN ST. MAIN ST.	8	10	8	10	3	1	1	62.8	1300 1400 400 400 400 1300 1300 1800	
											SubTotal	8300	
1C	ELIZABETH ST. RIDGE AV. DUPAGE AV. POTOMAC AV. BERKSHIRE AV. CRYSTAL AV.	SUNSET AV. SUNSET AV. SUNSET AV. ELIZABETH AV. ELIZABETH AV. ELIZABETH AV.	LOY ST. CRYSTAL AV. CRYSTAL AV. MAIN ST. MAIN ST. MAIN ST.	8	10	10	7	3	2	1	61.8	1500 1100 1100 1800 1800 1800	
											SubTotal	9300	
1D	BROADVIEW AV. PLEASANT LN.	MEADOW AV. BROADVIEW AV.	TO 200 N/O CRYSTAL AV. WEST RD.	8	7	8	4	1	3	0	47.5	1400 600	
											SubTotal	2000	
1E	BROADVIEW AV. MEADOW AV. GREENFIELD AV.	MEADOW AV. IL RTE. 53 BROADVIEW AV.	GREAT WESTERN TRAIL WEST RD. WEST RD.	8	8	8	4	3	3	0	52.3	700 1200 700	
											SubTotal	2600	
1F	ELIZABETH ST. VIEW ST.	GREENFIELD AV. WEST RD.	GREAT WESTERN TRAIL ELIZABETH ST.	8	10	10	5	1	2	1	55.3	400 600	
											SubTotal	1000	
1G	GREAT WESTERN TRAIL	IL 355	IL RTE. 53	10	5	10	5	10	7	3	76.3	900	
											SubTotal	900	
1H	GREAT WESTERN TRAIL	IL RTE. 53	MAIN ST.	10	9	10	8	10	7	4	86.8	900	
											SubTotal	3800	
1I	BROADVIEW AV.	GREAT WESTERN TRAIL	ST CHARLES RD.	8	8	7	7	1	7	3	59.0	1700	
											SubTotal	1700	
1J	GLENVIEW AV. EUGENIA ST.	ST CHARLES RD. 300' W/O GLENVIEW AV.	500' N/O EUGENIA ST. 200' E/O GLENVIEW AV.	8	8	4	9	1	7	3	58.3	1000 500	
											SubTotal	1500	
1K	GLENVIEW AV. PHILLIPS CT. CRESCENT BLVD.	ST CHARLES RD. GLENVIEW AV. FINLEY RD.	CRESCENT BLVD. 300' W/O GLENVIEW AV. W. TO VILLAGE LIMITS	10	8	4	10	5	4	10	75.3	1100 300 1800	
											SubTotal	3300	
1L	BROADVIEW AV.	NORTH AV.	900' S/O NORTH AV.	8	10	2	10	1	1	5	55.8	900	
											SubTotal	900	
1M	PRAIRIE AV.	PARK AV.	MAIN ST.	10	6	8	8	1	2	1	56.8	400	
											SubTotal	400	
2A	GARFIELD ST. CRAIG PL. LEMOYNE AV. GOEBEL DR.	NORTH AV. NORTH AV. GARFIELD ST. GARFIELD ST.	GOEBEL DR. SUNSET AV. GRACE ST. GRACE ST.	8	8	10	8	2	1	2	60.5	1000 1400 1700 1700	
											SubTotal	6800	
2B	CHARLOTTE ST. GARFIELD ST. MARTHA ST. BERKSHIRE AV.	SUNSET AV. BERKSHIRE AV. BERKSHIRE AV. MAIN ST.	BERKSHIRE AV. 500' N/O BERKSHIRE AV. 500' N/O BERKSHIRE AV. STEWART AV.	8	10	7	7	2	1	0	54.3	700 500 500 1900	
											SubTotal	3600	

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

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	TOTAL SCORE OUT OF 100	SubTotal		SubTotal		SubTotal		
2C	CHARLOTTE ST. GARFIELD ST. MARTHA ST. VIEW ST. PRAIRIE AV.	PLEASANT AV. PLEASANT AV. PLEASANT AV. MAIN ST. GRACE ST.	8	10	8	4	2	0	61.5	8100		8100		1800		
2D	CRAIG PL. STEWART AV. LOMBARD AV. VIEW ST. PRAIRIE AV.	PLEASANT AV. PLEASANT AV. PLEASANT AV. MAIN ST. GRACE ST.	8	10	5	4	1	0	58.3	1900		1900		1900		
2E	GREAT WESTERN TRAIL	MAIN ST.	10	6	10	10	3	2	80.0	3400		3400		3400		
2F	MAIN ST.	NORTH AV.	8	10	10	8	7	4	83.0	5600		5600		5600		
3A	LALONDE AV. FAIRFIELD AV. JOYCE AV. EDGEWOOD AV. VISTA AV. CLARENDON AV. KRAMER AV. VIEW ST. GREENFIELD AV. PRAIRIE AV.	BERKSHIRE AV. BERKSHIRE AV. BERKSHIRE AV. BERKSHIRE AV. BERKSHIRE AV. PLEASANT AV. PLEASANT AV. GRACE ST.	8	10	10	4	3	2	62.5	1300		1300		1300		
3B	LALONDE AV. FAIRFIELD AV. EDGEWOOD AV. VISTA AV. LEWIS AV. CLARENDON AV. KRAMER AV. VIEW ST. GREENFIELD AV. PRAIRIE AV.	VIEW ST. VIEW ST. VIEW ST. VIEW ST. PRAIRIE AV. VIEW ST. VIEW ST. GRACE ST. GRACE ST. GRACE ST.	8	9	10	2	3	2	63.8	10600		10600		10600		
3C	LALONDE AV. FAIRFIELD AV. JOYCE AV. EDGEWOOD AV. VISTA AV. CLARENDON AV. KRAMER AV. WESTWOOD AV. SUNSET AV. BERKSHIRE AV.	BERKSHIRE AV. BERKSHIRE AV. BERKSHIRE AV. BERKSHIRE AV. BERKSHIRE AV. BERKSHIRE AV. BERKSHIRE AV. GRACE ST. GRACE ST. GRACE ST.	8	10	9	5	2	2	65.0	11400		11400		11400		
3D	GRACE ST.	NORTH AV	2	8	10	7	3	2	59.3	5000		5000		5000		
4A	CHARLOTTE ST. MARTHA ST. CRAIG PL. STEWART AV. LOMBARD AV. ELM ST. RANDOLPH ST.	PARKSIDE AV. PARKSIDE AV. PARKSIDE AV. PARKSIDE AV. PARKSIDE AV. CRAIG PL. CHARLOTTE ST.	2	9	10	1	4	0	49.0	8000		8000		8000		

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Project ID	DESCRIPTION		SUPPLEMENTAL STREET LIGHTING PROGRAM-CAPITAL IMPROVEMENT PRIORITIZING CRITERIA										Length (feet)
	STREET	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	Total Score Out of 100		
4B	GREEN VALLEY DR.	WASHINGTON BLVD.	MADISON ST.										1200
	PARK RD.	HICKORY RD.	MADISON ST.										1900
	HICKORY RD.	ELIZABETH AV.	PARK RD.	4	10	6	10	2	2	3	52.5		1300
	PARK CT.	PARK RD.	300' W/O PARK RD.										300
	N. WASHINGTON CT.	PARK RD.	MAIN ST.										300
4C	S. WASHINGTON CT.	PARK RD.	MAIN ST.										300
	GREEN VALLEY DR.	GREEN VALLEY DR.	PARK RD.										900
	CHARLOTTE ST.	MORNINGSIDE AV.	MADISON ST.										600
	MARTHA ST.	300' N/O WASHINGTON ST.	MADISON ST.										1600
	STEWART AV.	WASHINGTON ST.	MADISON ST.										1200
4D	LOMBARD AV.	WASHINGTON ST.	900' S/O WASHINGTON ST.	8	9	7	10	2	3	0	59.5		900
	WASHINGTON BLVD.	MAIN ST.	GRACE ST.										2400
	MORNINGSIDE BLVD.	MAIN ST.	GRACE ST.										2700
	EASTVIEW TERR.	CHARLOTTE ST.	MARTHA ST.										600
	MARTHA CT.	HICKORY RD.	300' N/O HICKORY RD.	4	6	5	8	1	1	2	39.5		300
4E	GLEN OAK RD.	FINLEY RD.	W. TO VILLAGE LIMITS	10	7	4	9	5	1	0	59.5		300
	MAIN ST.	MAPLE ST.	MADISON ST.	8	10	10	10	8	4	8	84.0		2400
5A	EDGEWOOD AV.	ST. CHARLES RD.	MAPLE ST.										3400
	LEWIS AV.	EMERSON AV.	MAPLE ST.										2000
	LODGE AV.	ST. CHARLES RD.	MAPLE ST.	8	10	10	10	2	6	3	70.5		1300
	CHASE AV.	ST. CHARLES RD.	MAPLE ST.										1900
	ST. CHARLES PL.	ST. CHARLES RD.	CHASE AV.										600
5B	EMERSON AV.	EDGEWOOD AV.	CHASE AV.										1900
	2ND AV.	KENILWORTH CT.	NORTH BROADWAY										9600
	3RD AV.	KENILWORTH CT.	NORTH BROADWAY										2100
	KENILWORTH AV.	WESTMORE AV.	W. TO VILLAGE LIMITS	6	7	10	10	7	2	4	68.0		1300
	EMERSON AV.	WESTMORE AV.	W. TO VILLAGE LIMITS										1300
5C	MAPLE ST.	WESTMORE AV.	W. TO VILLAGE LIMITS										1300
	EDGEWOOD AV.	MAPLE ST.	NORTH BROADWAY										600
	LEWIS AV.	MAPLE ST.	NORTH BROADWAY										600
	LODGE AV.	MAPLE ST.	NORTH BROADWAY										600
	CHASE AV.	MAPLE ST.	NORTH BROADWAY										600
5D	WASHINGTON BLVD.	WASHINGTON ST.	600' S/O WASHINGTON ST.	6	10	10	10	3	2	3	60.8		2500
	FAIRFIELD AV.	MADISON ST.	SOUTH BROADWAY										2500
	EDGEWOOD AV.	MADISON ST.	SOUTH BROADWAY										2500
	LEWIS AV.	MADISON ST.	SOUTH BROADWAY										2500
	LODGE AV.	MADISON ST.	SOUTH BROADWAY										2500
5E	WASHINGTON BLVD.	GRACE ST.	LODGE AV.										2100
	CHASE AV.	SOUTH BROADWAY	MADISON ST.										12700
	HIGHLAND AV.	SOUTH BROADWAY	MADISON ST.										2500
	AHRENS AV.	DIVISION ST.	MADISON ST.	6	10	10	10	3	2	4	64.8		2500
	SCHOOL ST.	SOUTH BROADWAY	MADISON ST.										2200
5F	DIVISION ST.	LODGE AV.	WESTMORE AV.										2400
	WASHINGTON BLVD.	LODGE AV.	WESTMORE AV.										1900
													1900
													13400

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Project ID	DESCRIPTION		SUPPLEMENTAL STREET LIGHTING PROGRAM-CAPITAL IMPROVEMENT PRIORITIZING CRITERIA										Total Score Out of 100	Length (feet)
	STREET	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	Subtotal			
5F	2ND AV	WOODROW ST.	300' S/O WOODROW ST.											300
	3RD AV	WOODROW ST.	WASHINGTON BLVD.											600
	KELLY CT.	WASHINGTON BLVD.	END OF CUL-DE-SAC	6	10	6	10	3	1	3				400
	WOODROW ST	WESTMORE AV.	ADDISON ST.											1300
	WASHINGTON BLVD	WESTMORE AV.	ADDISON ST.											1300
														3900
5G	HARMONY LN.	MADISON ST.	500' N/O MADISON ST.	4	10	9	9	7	1	3				62.5
	MADISON ST	WESTMORE AV.	ADDISON ST.											1300
														1800
5H	DIVISION ST.	WESTMORE AV.	ADDISON ST.	6	10	7	10	1	1	3				55.5
														1300
5I	FAIRFIELD AV.	MAPLE ST.	NORTH BROADWAY	6	10	10	5	2	1	3				600
														600
5J	GREAT WESTERN TRAIL	ST. CHARLES RD.	EAST VILLAGE LIMITS	10	4	10	10	10	4	7				4300
														2800
5K	HIGHLAND AV	GREAT WESTERN TRAIL	ILLINOIS PRAIRIE PATH	6	7	10	10	3	6	7				2600
														1500
6A	EDSON ST	MADISON ST.	ETHEL AV											1500
	ELIZABETH ST.	MADISON ST.	ETHEL AV											800
	LINCOLN ST.	HARDING RD.	ETHEL AV	8	10	9	10	3	3	1				3000
	HARDING RD.	FINLEY RD.	MAIN ST.											3000
	HARRISON RD	FINLEY RD.	MAIN ST.											2900
	ETHEL AV	FINLEY RD.	MAIN ST.											2600
6B	EDSON ST	ETHEL AV	WILSON AV											1100
	ELIZABETH ST	ETHEL AV	WILSON AV											1100
	LINCOLN ST.	ETHEL AV	WILSON AV	8	10	10	10	6	8	1				2600
	TAYLOR RD.	FINLEY RD.	MAIN ST.											2600
	GRAHAM AV	FINLEY RD.	MAIN ST.											2600
	WILSON AV	FINLEY RD.	MAIN ST.											2600
6C	CHARLOTTE ST.	MADISON ST.	WILSON AV											1100
	NORBURY AV	MADISON ST.	WILSON AV											2600
	HAMMERSCHMIDT AV	MADISON ST.	WILSON AV											2600
	HARDING RD	MAIN ST.	HAMMERSCHMIDT AV	8	10	5	10	2	2	4				1300
	HARRISON RD.	MAIN ST.	HAMMERSCHMIDT AV											1300
	TAYLOR RD.	MAIN ST.	HAMMERSCHMIDT AV											1300
														17000
6D	MAIN ST.	MADISON ST.	ROOSEVELT RD.	10	10	5	10	8	8	4				5300
														5300
6E	CUL-DE-SAC N/O CENTRAL	BETWEEN ELIZABETH AV.	DANIEL CT.											100
	CUL-DE-SAC S/O CENTRAL	BETWEEN ELIZABETH AV.	DANIEL CT.	10	9	5	9	1	8	0				100
	JEFFERY CT.	CENTRAL AV.	N/O CUL-DE-SAC											200
														400
6F	WILSON AV.	PARKVIEW BLVD.	IL RTE. 53	6	2	5	10	1	2	0				1100
														1100
6G	MADISON ST.	FINLEY RD.	MAIN ST.	2	10	6	10	7	3	2				3000
														3000
7A	STEWART AV.	MADISON ST.	HARRISON RD.											1300
	LOMBARD AV.	MADISON ST.	HARRISON RD.											1300
	GRACE ST.	MADISON ST.	HARRISON RD.											1300
	LALONDE AV.	MADISON ST.	HARRISON RD.											1300
	FAIRFIELD AV.	MADISON ST.	HARRISON RD.											1300
	HARDING RD.	LOMBARD AV.	200' E/O FAIRFIELD AV.	8	10	10	7	6	2	1				600
	NEW ST.	HAMMERSCHMIDT AV.	STEWART AV.											2200
	HARRISON RD.	HAMMERSCHMIDT AV.	200' E/O FAIRFIELD AV.											2200
	CIRCLE AV.	HARRISON RD.	HARRISON RD.											1100
														11700
														82.3
														5300
														100
														100
														200
														400
														1100
														56.8
														3000
														67.0
														600
														2200
														1100
														11700

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 CBEL PROJECT NO. 01-31 BG 2

DESCRIPTION			SUPPLEMENTAL STREET LIGHTING PROGRAM-CAPITAL IMPROVEMENT PRIORITIZING CRITERIA										
Project ID	STREET	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	Total Score Out of 100	Length (feet)	
7B	STEWART AV.	TAYLOR RD.	WILSON AV.									600	
	LOMBARD AV.	TAYLOR RD.	WILSON AV.									600	
	GRACE ST.	HARRISON RD.	WILSON AV.									1200	
	LALONDE AV.	HARRISON RD.	WILSON AV.	8	10	10	10	6	2	1	71.5	120	
	FAIRFIELD AV.	HARRISON RD.	WILSON AV.									1200	
	TAYLOR RD.	HAMMERSCHMIDT AV.	200' E/O FAIRFIELD AV.								SubTotal	5920	
7C	LIBERTY LN.	HAMILTON LN.	ADAMS ST.									400	
	CONCORD LN.	HAMILTON LN.	ADAMS ST.									400	
	HAMILTON LN.	LIBERTY LN.	CONCORD LN.	4	9	7	10	5	1	2	55.8	300	
	REVERE CT.	LIBERTY LN.	CUL-DE-SAC									400	
	ADAMS ST.	WESTMORE AV.	ADISON ST.									1300	
	JACKSON ST.	WESTMORE AV.									SubTotal	4100	
7D	STEWART AV.	WILSON RD.	ROOSEVELT RD.									2600	
	GRACE ST.	WILSON RD.	CENTRAL AV.									1200	
	HIGHRIDGE RD.	STEWART AV.	GRACE ST.									600	
	NORTON ST.	STEWART AV.	GRACE ST.	8	10	10	10	5	1	1	68.8	600	
	CENTRAL AV.	HAMMERSCHMIDT AV.	GRACE ST.									1300	
	EDWARD ST.	HAMMERSCHMIDT AV.									600		
	ANN ST.	HAMMERSCHMIDT AV.									SubTotal	7500	
7E	FAIRFIELD AV.	WILSON RD.	CENTRAL AV.									1200	
	EDGEWOOD AV.	WILSON RD.	CENTRAL AV.	8	10	10	10	5	1	0	64.8	1200	
	CENTRAL AV.	GRACE ST.	LEWIS AV.									1600	
												SubTotal	4300
7F	LEWIS AV.	WILSON AV.	MICHELLE LN.									1400	
	CHERRY LN.	WILSON AV.	FAIRVIEW AV.									1600	
	APPLE LN.	WILSON AV.	FAIRVIEW AV.	4	7	10	8	1	1	0	45.0	1200	
	FAIRVIEW AV.	WILSON AV.	MORRIS CT.									1800	
	MICHELLE LN.	CHERRY LN.	700' SW/O LEWIS AV.									1100	
	MORRIS CT.	FAIRVIEW AV.									SubTotal	7500	
7G	ROOSEVELT RD.	HIGHLAND AV.	CHURCH AV.	10	10	10	10	8	7	1	86.3	1500	
												SubTotal	5700
7H	MADISON ST.	FAIRFIELD AV.	WESTMORE AV.	8	10	10	8	7	2	4	73.3	3300	
												SubTotal	3300
7I	MADISON ST.	MAIN ST.	FAIRFIELD AV.	8	10	10	10	7	3	4	77.3	3300	
												SubTotal	3300
7J	CHURCH AV.	MORRIS AV.	ROOSEVELT RD.	10	10	7	10	1	1	0	61.5	600	
	MORRIS AV.	WESTMORE RD.	CHURCH AV.									300	
												SubTotal	900
7K	WILSON AV.	MAIN ST.	FAIRFIELD AV.	6	8	10	10	6	2	4	72.0	3400	
												SubTotal	3400
7L	WILSON AV.	FAIRFIELD AV.	WESTMORE AV.	8	8	10	10	6	1	1	68.0	3300	
												SubTotal	3300
8A	ROOSEVELT RD.	W VILLAGE LIMITS	HIGHLAND AV.	10	7	8	10	8	10	4	86.0	5700	
												SubTotal	5700
8B	13TH ST.	GARFIELD ST.	HIGHLAND AV.	6	6	7	10	1	2	0	48.5	700	
												SubTotal	700
9A	ELIZABETH ST.	22ND ST.	800' N/O 22ND ST.	4	4	3	10	1	4	0	38.5	800	
												SubTotal	800
9B	HIGHLAND AV.	ROOSEVELT RD.	22ND ST.									5300	
	17TH ST.	NORBURY AV.	HIGHLAND AV.	10	10	9	10	8	2	2	79.3	500	
	20TH ST.	600' E/O HIGHLAND AV.	HIGHLAND AV.									600	
												SubTotal	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 Rating	Proximity to Recreational Areas Rating	Proximity to Commercial/Retail Areas Rating	Rating Based on Distance in Feet
Out Dated Light Standards	2	1	1	1	4,501 & Greater
Direct Connects	4	2	2	2	4,001-4,500
Midblock & Intersections Only	6	3	3	3	3,501-4,000
Intersections Only	8	4	4	4	3,001-3,500
No Lights	10	5	5	5	2,501-3,000
		6	6	6	2,001-2,500
		7	7	7	1,501-2,000
		8	8	8	1,001-1,500
		9	9	9	501-1,000
		10	10	10	0-500

Prioritizing Criteria Rating System					
Traffic Volume Rating	Rating Based on Volumes (cars/day)	Incidence of Burglary Rating	Rating Based on No. of Incidents/2yr	Incidence of Vandalism Rating	Rating Based on No. of Incidents/2yr
1	0-500	1	1-5	0	0
2	501-1,000	2	6-10	1	1
3	1,001-1,500	3	11-15	2	2
4	1,501-2,000	4	16-20	3	3
5	2,001-5,000	5	21-25	4	4
6	5,001-8,000	6	26-30	5	5
7	8,001-15,000	7	31-35	6	6
8	15,001-30,000	8	36-40	7	7
9	30,001 & greater	9	41-50	8	8
10	Pedestrian Trail	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
2.25	1.25	1.25	1.50	1.75	1.00	1.00

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

**Pedestrian Trail**

Project ID	STREET	FROM	TO	Trustee District(s)	Existing Lighting	STREET LIGHTING PROGRAM PRIORITIZING CRITERIA							Total Length (feet)
						Proximity to Schools/ Churches	Proximity to Recreational Areas	Proximity to Commercial/ Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Total Score Out of 100	
1H	GREAT WESTERN TRAIL	IL RTE. 53	MAIN ST.	1	10	9	10	8	10	7	4	86.8	3900
5J	GREAT WESTERN TRAIL	ST. CHARLES RD.	EAST VILLAGE LIMITS	5	10	4	10	10	10	4	7	83.5	4300
2E	GREAT WESTERN TRAIL	MAIN ST.	UNION PACIFIC RAILROAD	4	10	6	10	10	10	3	2	80.0	3400
1G	GREAT WESTERN TRAIL	IL 355	IL RTE. 53	1	10	5	10	5	10	7	3	76.3	900

**Arterial Roadway**

Project ID	STREET	FROM	TO	Trustee District(s)	Existing Lighting	STREET LIGHTING PROGRAM PRIORITIZING CRITERIA							Total Length (feet)
						Proximity to Schools/ Churches	Proximity to Recreational Areas	Proximity to Commercial/ Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Total Score Out of 100	
7G	ROOSEVELT RD.	HIGHLAND AV.	CHURCH AV.	6	10	10	10	10	9	7	1	86.3	5700
8A	ROOSEVELT RD.	W. VILLAGE LIMITS	HIGHLAND AV.	2	10	7	8	10	9	10	4	86.0	5700
4F	MAIN ST.	MAPLE ST.	MADISON ST.	1/2/4/6	8	10	10	10	8	4	8	84.0	3,400
2F	MAIN ST.	NORTH AV.	GROVE ST.	1/4	8	10	10	10	8	7	4	83.0	5600
6D	MAIN ST.	MADISON ST.	ROOSEVELT RD.	2/4/6	10	10	5	10	8	8	4	82.3	5300
7A	GRACE ST.	MADISON ST.	HARRISON RD.	6	8	10	10	7	6	2	1	67.0	11700
6B	WILSON AV.	FINLEY RD.	MAIN ST.	2	8	10	10	10	6	8	1	77.5	11100
5B	MAPLE ST.	WESTMORE AV.	W. TO VILLAGE LIMITS	5	6	7	10	10	7	2	4	68.0	8,100
9B	HIGHLAND AV.	ROOSEVELT RD.	22ND ST.	3	10	10	9	10	8	2	2	79.3	6400
7B	GRACE ST.	HARRISON RD.	WILSON AV.	6	8	10	10	10	6	2	1	71.5	5,920
7I	MADISON ST.	MAIN ST.	FAIRFIELD AV.	5/6	8	10	10	10	7	3	4	77.3	3300
7H	MADISON ST.	FAIRFIELD AV.	WESTMORE AV.	5/6	8	10	10	8	7	2	4	73.3	3300
7K	WILSON AV.	MAIN ST.	FAIRFIELD AV.	6	8	8	10	10	6	2	4	72.0	3400
7L	WILSON AV.	FAIRFIELD AV.	WESTMORE AV.	6	8	8	10	10	6	1	1	68.0	3300
5G	MADISON ST.	WESTMORE AV.	ADDISON ST.	5/6	4	10	9	9	7	1	3	62.5	1800
3D	GRACE ST.	NORTH AV.	ST. CHARLES RD.	4	2	8	10	10	7	3	2	59.3	5000
6G	MADISON ST.	FINLEY RD.	MAIN ST.	2	2	10	6	10	7	3	2	56.8	3,000

**Collector Roadway**

Project ID	STREET	FROM	TO	Trustee District(s)	Existing Lighting	STREET LIGHTING PROGRAM PRIORITIZING CRITERIA							Total Length (feet)
						Proximity to Schools/ Churches	Proximity to Recreational Areas	Proximity to Commercial/ Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Total Score Out of 100	
1K	CRESCENT BLVD.	FINLEY RD.	W. TO VILLAGE LIMITS	1	10	8	4	10	5	4	10	75.3	3300
7D	STEWART AV.	WILSON RD.	ROOSEVELT RD.	6	8	10	10	10	5	1	1	68.8	7500
3C	SUNSET AV.	GRACE ST.	WESTWOOD AV.	4	8	10	9	7	5	2	2	65.0	9200
7E	FAIRFIELD AV.	WILSON RD.	CENTRAL AV.	6	8	10	10	8	5	1	0	64.8	4300
3A	PLEASANT AV.	GRACE ST.	WESTWOOD AV.	4	8	10	10	5	4	3	2	62.5	10600
2C	VIEW ST.	MAIN ST.	GRACE ST.	4	8	10	8	8	4	2	0	61.5	8100
1A	WEST RD.	NORTH AV.	PLEASANT LN.	1	8	9	8	8	4	1	1	60.3	4300
4E	GLEN OAK RD.	FINLEY RD.	W. TO VILLAGE LIMITS	1	10	7	4	9	5	1	0	59.5	2400
2D	VIEW ST.	MAIN ST.	GRACE ST.	4	8	10	5	9	4	1	0	58.3	8200
7C	JACKSON ST.	WESTMORE AV.	ADDISON ST.	6	4	9	7	10	5	1	2	55.8	4100

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

Project ID	STREET	FROM	TO	Trustee District(s)	Existing Lighting	STREET LIGHTING PROGRAM PRIORITIZING CRITERIA										Total Length (feet)
						Proximity to Schools/ Churches	Proximity to Recreational Areas	Proximity to Commercial/ Retail Areas	Traffic Volume	Incidence of Burglary	Incidence of Vandalism	Total Score Out of 100				
5A	LODGE AV.	ST. CHARLES RD.	MAPLE ST.	5	8	10	10	10	10	2	6	3	70.5	9600		
5K	HIGHLAND AV.	GREAT WESTERN TRAIL	ILLINOIS PRAIRIE PATH	5	6	7	10	10	10	3	6	7	68.0	2600		
6A	HARRISON RD.	FINLEY RD.	MAIN ST.	2/6	8	10	9	10	10	3	3	1	66.0	12700		
5C	LODGE AV.	MAPLE ST.	NORTH BROADWAY	5	8	10	10	10	7	2	6	3	66.0	2400		
5E	WASHINGTON BLVD.	LODGE AV.	WESTMORE AV.	5	6	10	10	10	10	3	2	4	64.8	13400		
3B	PRAIRIE AV.	GRACE ST.	WESTWOOD AV.	4	8	9	10	10	9	2	3	2	63.8	11400		
6E	JEFFERY CT.	CENTRAL AV.	N/O CUL-DE-SAC	2	10	9	5	9	9	1	8	0	63.3	400		
1B	ELIZABETH ST.	NORTH AV.	SUNSET AV.	1	8	10	8	10	10	3	1	1	62.8	8300		
1C	ELIZABETH ST.	SUNSET AV.	LOY ST.	1	8	10	10	7	7	3	2	1	61.8	9300		
7J	CHURCH AV.	MORRIS AV.	ROOSEVELT RD.	6	10	10	7	10	10	1	1	0	61.5	900		
6C	HARRISON RD.	MAIN ST.	HAMMERSCHMIDT AV.	6	8	10	5	10	10	2	2	4	61.3	11700		
5D	WASHINGTON BLVD.	GRACE ST.	LODGE AV.	5	6	10	10	8	8	3	2	3	60.8	12700		
2A	GOEBEL DR.	GARFIELD ST.	GRACE ST.	4	8	8	10	10	9	2	1	2	60.5	5800		
4C	WASHINGTON BLVD.	MAIN ST.	GRACE ST.	5	8	9	7	10	10	2	3	0	59.5	10200		
1I	BROADVIEW AV.	GREAT WESTERN TRAIL	ST. CHARLES RD.	1	8	8	7	7	7	1	7	3	59.0	1700		
1J	GLENVIEW AV.	ST. CHARLES RD.	500' N/O EUGENIA ST.	1	8	8	4	9	9	1	1	3	58.3	1500		
5F	WASHINGTON BLVD.	WESTMORE AV.	ADDISON ST.	5	6	10	6	10	10	3	1	3	57.8	3900		
1M	PRAIRIE AV.	PARK AV.	MAIN ST.	1	10	6	8	8	8	1	2	1	56.8	400		
1L	BROADVIEW AV.	NORTH AV.	900' S/O NORTH AV.	1	8	10	2	10	10	1	1	5	55.8	900		
5H	DIVISION ST.	WESTMORE AV.	ADDISON ST.	5	6	10	7	10	10	1	1	3	55.5	1300		
1F	ELIZABETH ST.	GREENFIELD AV.	GREAT WESTERN TRAIL	1	8	10	10	10	5	1	2	1	55.3	1000		
2B	BERKSHIRE AV.	MAIN ST.	STEWART AV.	4	8	10	7	7	7	2	1	0	54.3	3600		
5I	FAIRFIELD AV.	MAPLE ST.	NORTH BROADWAY	5	6	10	10	10	5	2	1	3	53.5	600		
4B	GREEN VALLEY DR.	GREEN VALLEY DR.	PARK RD.	1/6	4	10	6	10	10	2	2	3	52.5	6200		
1E	MEADOW AV.	IL RTE. 53	WEST RD.	1	8	8	8	8	4	3	3	0	52.3	2600		
4A	CRAIG PL.	PARKSIDE AV.	MAPLE ST.	4	2	9	10	10	10	1	4	0	49.0	8300		
8B	13TH ST.	GARFIELD ST.	HIGHLAND AV.	6	6	6	7	7	10	1	2	0	48.5	700		
1D	PLEASANT LN.	BROADVIEW AV.	WEST RD.	1	8	7	8	4	4	1	3	0	47.5	2000		
7F	LEWIS AV.	WILSON AV.	MICHELLE LN.	6	4	7	10	8	8	1	1	0	45.0	7500		
6F	WILSON AV.	PARKVIEW BLVD.	IL RTE. 53	6	6	2	5	10	10	1	2	0	41.0	1100		
4D	MARTHA CT.	HICKORY RD.	300' N/O HICKORY RD.	5	4	6	5	5	8	1	1	2	39.5	300		
9A	ELIZABETH ST.	22ND ST.	800' N/O 22ND ST.	3	4	4	3	3	10	1	4	0	38.5	800		

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.