

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION

For Inclusion on Board Agenda
Bids and Proposals

TO : President and Village Board of Trustees

FROM : Scott Niehaus, Village Manager

DATE : September 23, 2019 Agenda Date: October 3, 2019

TITLE : Street Lighting LED Replacement Project

SUBMITTED BY: Tom Ellis, Operations Superintendent, Public Works 

RESULTS:

Date Bids Were Published N/A Bidding Closed N/A

Total Number of Bids Received 1

Total Number of Bidders Meeting Specifications 1

Bid Security Required Yes X No

Performance Bond Required Yes X No

Were Any Bids Withdrawn Yes X No

Explanation:

Waiver of Bids Requested? X Yes No

If yes, explain:

See attached memo.

Award Recommended to Lowest X Yes No

Responsible Bidder?

If no, explain:

See attached memo.

FISCAL IMPACT:

Amount of Award \$45,000- 410.710.725.73310 Rm Prog 27 and \$9,272.00- 101.270.310.73110

BACKGROUND/RECOMMENDATION:

See attached memo.

Has Recommended Bidder Worked for Village Previously X Yes No

If yes, was quality of work acceptable X Yes No

Was item bid in accordance with Public Act 85-1295? Yes X No

REVIEW (as needed):

Village Attorney XX _____ Date _____

Finance Director XX _____ Date _____

Village Manager XX _____ Date _____

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



To: Scott Niehaus, Village Manager
Through: Carl Goldsmith, Director of Public Works *CJ*
From: Tom Ellis, Operations Superintendent *TE*
Date: September 23, 2019
Subject: Roadway Lighting LED Replacement Project

Bid specifications were sent to the Master Intergovernmental Cooperative Purchasing Agreement (MICPA) with U.S. Communities Government Purchasing Alliance. Currently 497 communities in Illinois are participating in U.S. Communities Government Purchasing Alliance. The U.S. Communities Government Purchasing Alliance is a program that affords member communities an opportunity to participate in a program whereby a service or commodity is publically bid by a Lead Agency and the results of that competitive solicitation is available to all 90,000 public agencies. The Village used the same process for roofing projects on the Police Department, Village Hall and Public Works buildings. Graybar Electrical submitted the winning bid to US Communities for electrical supplies and fixtures. The bid results are as follows:

<u>Supplier</u>	<u>Total Price</u>
Graybar Electric 900 Regency Dr Glendale Heights, IL	\$54,272.00

This project consists of retrofitting 200 new LED street lamps fixtures in the existing Cobra head roadway lights. These components will be removed and replaced with 58 watt LED fixtures. A list of suggested lights to be part of this project is attached. Staff estimates an annual savings from electrical usage and maintenance costs of \$14,644.00.

Staff recommends approving the purchase of 200 LED light fixtures from Graybar Electrical through the US Communities contract in the amount of \$54,272,00.

This project will be funded by street light and traffic signal improvement account 410.710.725.73310 Rm Program 27 (\$45,000) and 101.270.315.73110 (\$9,272.00)



900 REGENCY DR
 GLENDALE HEIGHTS IL 60139-2287
 Phone: 630-893-3600
 Fax: 630-671-6600

To: VILLAGE OF LOMBARD/ELEC
 255 E. WILSON
 LOMBARD IL 60148-3926
 Attn: ROBERT
 Phone: 000-620-5740
 Fax:
 Email: SHELLEY.LEIN@GRAYBAR.COM

Date: 09/10/2019
Proj Name:
GB Quote #: 0233624044
 Release Nbr:
 Purchase Order Nbr:
 Additional Ref#
 Valid From: 09/10/2019
 Valid To: 10/10/2019
 Contact: STEPHEN PLELI
 Email: stephen.pleli@graybar.com

Proposal

We Appreciate Your Request and Take Pleasure in Responding As Follows

Item	Item/Type	Quantity	Supplier	Catalog Nbr	Description	Price	Unit	Ext.Price
100		155 EA	GENERAL ELEC	ERL1010C340DG RAYGL		\$282.95	1	\$43,857.25
Item Note:		97W, 9800 LUMEN, 120-240V						
200		40 EA	GENERAL ELEC	GERL1007C340DG RAYGL		\$225.00	1	\$9,000.00
Item Note:		LED COBRA HEAD LUMINAIRE: 120-277 VOLT, 7000 LUMEN, 58W, TYPE III						
300		5 EA	GENERAL ELEC	ERL1H10C340D GRAYGL		\$282.95	1	\$1,414.75
Item Note:		97W, 9800 LUMEN, 480V						

Total in USD (Tax not included): \$54,272.00

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.

To learn more about Graybar, visit our website at www.graybar.com

24-Hour Emergency Phone#: 1-800-GRAYBAR

Subject to the standard terms and conditions set forth in this document. Unless otherwise noted, freight terms are F.O.B. shipping point prepaid and bill. Unless noted the estimated ship date will be determined at the time of order placement.

To: VILLAGE OF LOMBARD/ELEC
255 E. WILSON
LOMBARD IL 60148-3926
Attn: ROBERT

Date: 09/10/2019
Proj Name:
GB Quote #: 0233624044

Proposal

We Appreciate Your Request and Take Pleasure in Responding As Follows

GRAYBAR ELECTRIC COMPANY, INC. TERMS AND CONDITIONS OF SALE

1. ACCEPTANCE OF ORDER; TERMINATION - Acceptance of any order is subject to credit approval and acceptance of order by Graybar Electric Company, Inc. ("Graybar") and, when applicable, Graybar's suppliers. If credit of the buyer of the goods ("Buyer") becomes unsatisfactory to Graybar, Graybar reserves the right to terminate upon notice to Buyer and without liability to Graybar.
2. PRICES AND SHIPMENTS - Unless otherwise quoted, prices shall be those in effect at time of shipment, which shall be made F.O.B. shipping point, prepaid and bill.
3. RETURN OF GOODS - Credit may be allowed for goods returned with prior approval. A deduction may be made from credits issued to cover cost of handling.
4. TAXES - Prices shown do not include sales or other taxes imposed on the sale of goods. Taxes now or hereafter imposed upon sales or shipments will be added to the purchase price. Buyer agrees to reimburse Graybar for any such tax or provide Graybar with acceptable tax exemption certificate.
5. DELAY IN DELIVERY - Graybar is not to be accountable for delays in delivery occasioned by acts of God, failure of its suppliers to ship or deliver on time, or other circumstances beyond Graybar's reasonable control. Factory shipment or delivery dates are the best estimates of our suppliers, and in no case shall Graybar be liable for any consequential or special damages arising from any delay in shipment or delivery.
6. LIMITED WARRANTIES - Graybar warrants that all goods sold are free of any security interest and will make available to Buyer all transferable warranties (including without limitation warranties with respect to intellectual property infringement) made to Graybar by the manufacturer of the goods. GRAYBAR MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, AND SPECIFICALLY DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PURPOSE. UNLESS OTHERWISE AGREED IN WRITING BY AN AUTHORIZED REPRESENTATIVE OF GRAYBAR, PRODUCTS SOLD HEREUNDER ARE NOT INTENDED FOR USE IN OR IN CONNECTION WITH (1) ANY SAFETY APPLICATION OR THE CONTAINMENT AREA OF A NUCLEAR FACILITY, OR (2) IN A HEALTHCARE APPLICATION, WHERE THE GOODS HAVE POTENTIAL FOR DIRECT PATIENT CONTACT OR WHERE A SIX (6) FOOT CLEARANCE FROM A PATIENT CANNOT BE MAINTAINED AT ALL TIMES.
7. LIMITATION OF LIABILITY - Buyer's remedies under this agreement are subject to any limitations contained in manufacturer's terms and conditions to Graybar, a copy of which will be furnished upon written request. Furthermore, Graybar's liability shall be limited to either repair or replacement of the goods or refund of the purchase price, all at Graybar's option, and IN NO CASE SHALL GRAYBAR BE LIABLE FOR INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES. In addition, claims for shortages, other than loss in transit, must be made in writing not more than five (5) days after receipt of shipment.
8. WAIVER - The failure of Graybar to insist upon the performance of any of the terms or conditions of this agreement or to exercise any right hereunder shall not be deemed to be a waiver of such terms, conditions, or rights in the future, nor shall it be deemed to be a waiver of any other term, condition, or right under this agreement.
9. MODIFICATION OF TERMS AND CONDITIONS - These terms and conditions supersede all other communications, negotiations, and prior oral or written statements regarding the subject matter of these terms and conditions. No change, modification, rescission, discharge, abandonment, or waiver of these terms and conditions shall be binding upon Graybar unless made in writing and signed on its behalf by a duly authorized representative of Graybar. No conditions, usage of trade, course of dealing or performance, understanding or agreement, purporting to modify, vary, explain, or supplement these terms and conditions shall be binding unless hereafter made in writing and signed by the party to be bound. Any proposed modifications or additional terms are specifically rejected and deemed a material alteration hereof. If this document shall be deemed an acceptance of a prior offer by Buyer, such acceptance is expressly conditional upon Buyer's assent to any additional or different terms set forth herein.
10. REELS - When Graybar ships returnable reels, a reel deposit may be included in the invoice. The Buyer should contact the nearest Graybar service location to return reels.
11. CERTIFICATION - Graybar hereby certifies that these goods were produced in compliance with all applicable requirements of Sections 6, 7, and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof. This agreement is subject to Executive Order 11246, as amended, the Rehabilitation Act of 1973, as amended, the Vietnam Veterans' Readjustment Assistance Act of 1974, as amended, E.O. 13496, 29 CFR Part 471, Appendix A to Subpart A, and the corresponding regulations, to the extent required by law. 41 CFR 60-1.4, 60-741.5, and 60-250.5 are incorporated herein by reference, to the extent legally required.
12. FOREIGN CORRUPT PRACTICES ACT - Buyer shall comply with applicable laws and regulations relating to anti-corruption, including, without limitation, (i) the United States Foreign Corrupt Practices Act (FCPA) (15 U.S.C. §§78dd-1, et. seq.) irrespective of the place of performance, and (ii) laws and regulations implementing the Organization for Economic Cooperation and Development's Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, the U.N. Convention Against Corruption, and the Inter-American Convention Against Corruption in Buyer's country or any country where performance of this agreement or delivery of goods will occur.
13. ASSIGNMENT - Buyer shall not assign its rights or delegate its duties hereunder or any interest herein without the prior written consent of Graybar, and any such assignment, without such consent, shall be void.
14. GENERAL PROVISIONS - All typographical or clerical errors made by Graybar in any quotation, acknowledgment or publication are subject to correction. This agreement shall be governed by the laws of the State of Missouri applicable to contracts to be formed and fully performed within the State of Missouri, without giving effect to the choice or conflicts of law provisions thereof. All suits arising from or concerning this agreement shall be filed in the Circuit Court of St. Louis County, Missouri, or the United States District Court for the Eastern District of Missouri, and no other place unless otherwise determined in Graybar's sole discretion. Buyer hereby irrevocably consents to the jurisdiction of such court or courts and agrees to appear in any such action upon written notice thereof.
15. PAYMENT TERMS - Payment terms shall be as stated on Graybar's invoice or as otherwise mutually agreed. As a condition of the sales agreement, a monthly service charge of the lesser of 1-1/2% or the maximum permitted by law may be added to all accounts not paid by net due date. Visa, MasterCard, American Express, and Discover credit cards are accepted at point of purchase only.
16. EXPORTING - Buyer acknowledges that this order and the performance thereof are subject to compliance with any and all applicable United States laws, regulations, or orders. Buyer agrees to comply with all such laws, regulations, and orders, including, if applicable, all requirements of the International Traffic in Arms Regulations and/or the Export Administration Act, as may be amended. Buyer further agrees that if the export laws are applicable, it will not disclose or re-export any technical data received under this order to any countries for which the United States government requires an export license or other supporting documentation at the time of export or transfer, unless Buyer has obtained prior written authorization from the United States Office of Export Control or other authority responsible for such matters.

Signed: _____

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.

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Unless noted the estimated ship date will be determined at the time of order placement.

ID	Address Street	Type	Bulb T	Voltage V	Watts	Watt	Cabinet
1 2NA1	400 E St Charles Rd	Cobra	HPS	240 v	100 W		2NT4
2 6AJ1	626 Green Valley Dr West	Cobra	HPS	120 v	150 W		6AT2
3 6AJ2	129 W Park Dr	Cobra	HPS	120 v	150 W		6AT2
4 6AJ3	101 W Park Dr	Cobra	HPS	120 v	150 W		6AT2
5 9QA1	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
6 9QA2	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
7 9QA3	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
8 9QA4	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
9 9QA5	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
10 9QA6	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
11 9QB1	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
12 9QB2	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
13 9QB3	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
14 9QB4	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
15 9QB5	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
16 9QB6	2200 S Grace St	Cobra	HPS	240 v	150 W		9QT4
1 6AA1	201 W Madison St	Cobra	HPS	240 v	200 W		6AT2
2 6AA2	125 W Madison St	Cobra	HPS	240 v	200 W		6AT2
3 6AA3	610 S Main St	Cobra	HPS	240 v	200 W		6AT2
4 6AB2	362 W Madison St	Cobra	HPS	240 v	200 W		6AT2
5 6AB3	439 W Madison St	Cobra	HPS	240 v	200 W		6AT2
6 6AC1	149 W Madison St	Cobra	HPS	240 v	200 W		6AT2
7 6AC2	601 S Park Rd	Cobra	HPS	240 v	200 W		6AT2
8 6AD1	331 W Madison St	Cobra	HPS	240 v	200 W		6AT2
9 6AD2	415 W Madison St	Cobra	HPS	240 v	200 W		6AT2
10 6AE1	150 W Madison St	Cobra	HPS	240 v	200 W		6AT2
11 6AE2	580 S Park Rd	Cobra	HPS	240 v	200 W		6AT2
12 6AF1	214 W Madison St	Cobra	HPS	240 v	200 W		6AT2
13 6AF2	346 W Madison St	Cobra	HPS	240 v	200 W		6AT2
14 6AF3	428 W Madison St	Cobra	HPS	240 v	200 W		6AT2
15 6AG1	150 W Madison St	Cobra	HPS	240 v	200 W		6AT2
16 6AG2	150 W Madison St	Cobra	HPS	240 v	200 W		6AT2
17 6AG3	20 W Madison St	Cobra	HPS	240 v	200 W		6AT2
18 6AH1	324 W Madison St	Cobra	HPS	240 v	200 W		6AT2
19 6AH2	596 Edson Ave	Cobra	HPS	240 v	200 W		6AT2
1 2EA1	400 E View St	Cobra	HPS	240 v	250 W		2ET3
2 2EA2	301 N Grace St	Cobra	HPS	240 v	250 W		2ET3
3 2EA3	251 N Grace St	Cobra	HPS	240 v	250 W		2ET3
4 2EA4	199 N Grace St	Cobra	HPS	240 v	250 W		2ET3
5 2EB1	400 E Pleasant Ln	Cobra	HPS	240 v	250 W		2ET3
6 2EB2	371 N Grace St	Cobra	HPS	240 v	250 W		2ET3
7 2EB3	321 N Grace St	Cobra	HPS	240 v	250 W		2ET3
8 2EB4	281 N Grace St	Cobra	HPS	240 v	250 W		2ET3
9 2EC1	356 N Grace St	Cobra	HPS	240 v	250 W		2ET3
10 2EC2	326 N Grace St	Cobra	HPS	240 v	250 W		2ET3
11 2EC3	212 N Grace St	Cobra	HPS	240 v	250 W		2ET3

12	2ED1	384 N Grace St	Cobra	HPS	240 v	250 W	2ET3
13	2ED2	345 E View St	Cobra	HPS	240 v	250 W	2ET3
14	2ED3	236 N Grace St	Cobra	HPS	240 v	250 W	2ET3
15	2ED4	190 N Grace St	Cobra	HPS	240 v	250 W	2ET3
16	2NC1	400 E St Charles Rd	Cobra	HPS	240 v	250 W	2NT4
17	2NC2	390 E St Charles Rd	Cobra	HPS	240 v	250 W	2NT4
18	2NC3	402 E St Charles Rd	Cobra	HPS	240 v	250 W	2NT4
19	2ND1	1 N Grace St	Cobra	HPS	240 v	250 W	2NT4
20	2ND2	355 E Parkside Ave	Cobra	HPS	240 v	250 W	2NT4
21	2ND3	355 E Parkside Ave	Cobra	HPS	240 v	250 W	2NT4
22	2ND4	355 E Parkside Ave	Cobra	HPS	240 v	250 W	2NT4
23	2ND5	437 E St Charles Rd	Cobra	HPS	240 v	250 W	2NT4
24	2OT2	404 E North Ave	Cobra	HPS	240 v	250 W	2OT1
25	2OT3	931 N Grace St	Cobra	HPS	240 v	250 W	2OT1
26	2OT4	941 N Grace St	Cobra	HPS	240 v	250 W	2OT1
27	2OT5	N Grace St	Cobra	HPS	240 v	250 W	2OT1
28	2OT6	N Grace St	Cobra	HPS	240 v	250 W	2OT1
29	2OT7	N Grace St	Cobra	HPS	240 v	250 W	2OT1
30	3AA1	633 N Grace St	Cobra	HPS	240 v	250 W	3AT3
31	3AA2	541 N Grace St	Cobra	HPS	240 v	250 W	3AT3
32	3AA3	501 N Grace St	Cobra	HPS	240 v	250 W	3AT3
33	3AB2	349 E Goebel Dr	Cobra	HPS	240 v	250 W	3AT3
34	3AB3	534 N Grace St	Cobra	HPS	240 v	250 W	3AT3
35	3AB4	355 E Berkshire Ave	Cobra	HPS	240 v	250 W	3AT3
36	3AC1	680 N Grace St	Cobra	HPS	240 v	250 W	3AT3
37	3AC2	349 E Goebel Dr	Cobra	HPS	240 v	250 W	3AT3
38	3AC3	550 N Grace St	Cobra	HPS	240 v	250 W	3AT3
39	3AC4	512 N Grace St	Cobra	HPS	240 v	250 W	3AT3
40	3AC5	414 N Grace St	Cobra	HPS	240 v	250 W	3AT3
41	3AD1	661 N Grace St	Cobra	HPS	240 v	250 W	3AT3
42	3AD2	681 N Grace St	Cobra	HPS	240 v	250 W	3AT3
43	3AD3	601 N Grace St	Cobra	HPS	240 v	250 W	3AT3
44	3AD4	404 E Berkshire Ave	Cobra	HPS	240 v	250 W	3AT3
45	3AD5	455 N Grace St	Cobra	HPS	240 v	250 W	3AT3
46	3EB1	424 E Pleasant Ave	Cobra	HPS	240 v	250 W	2ET3
47	5AM1	620 E St Charles Rd	Cobra	HPS	240 v	250 W	5AT3
48	5AM2	619 Western Ave	Cobra	HPS	240 v	250 W	5AT3
49	5AM3	619 Western Ave	Cobra	HPS	240 v	250 W	5AT3
50	5AM4	660 Western Ave	Cobra	HPS	240 v	250 W	5AT3
51	5AM5	678 Western Ave	Cobra	HPS	240 v	250 W	5AT3
52	5AM6	702 Western Ave	Cobra	HPS	240 v	250 W	5AT3
53	5AM7	702 Western Ave	Cobra	HPS	240 v	250 W	5AT3
54	5AM8	116 S Chase Ave	Cobra	HPS	240 v	250 W	5AT3
55	64	921 N Grace St	Cobra	HPS	240 v	250 W	2OT1
56	6CA1	756 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
57	6CA2	911 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
58	6CA3	1010 Finley Rd	Cobra	HPS	240 v	250 W	6CT3

59 6CA4	1028 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
60 6CA5	1132 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
61 6CA6	1150 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
62 6CA7	1245 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
63 6CA8	1250 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
64 6CB1	748 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
65 6CB2	820 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
66 6CB3	422 W Wilson Ave	Cobra	HPS	240 v	250 W	6CT3
67 6CB4	1018 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
68 6CB5	1100 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
69 6CB6	1132 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
70 6CB7	1170 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
71 6CB8	1175 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
72 6CE1	447 W Harrison Rd	Cobra	HPS	240 v	250 W	6CT3
73 6CE10	355 Ann St	Cobra	HPS	240 v	250 W	6CT3
74 6CE11	346 Ann St	Cobra	HPS	240 v	250 W	6CT3
75 6CE12	320 Ann St	Cobra	HPS	240 v	250 W	6CT3
76 6CE2	815 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
77 6CE3	939 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
78 6CE4	1035 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
79 6CE5	1089 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
80 6CE6	1133 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
81 6CE7	1155 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
82 6CE8	1175 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
83 6CE9	363 Ann St	Cobra	HPS	240 v	250 W	6CT3
84 6CF1	444 Ethel Ave	Cobra	HPS	240 v	250 W	6CT3
85 6CF2	911 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
86 6CF3	1003 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
87 6CF4	1059 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
88 6CF5	1111 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
89 6CF6	1133 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
90 6CF7	1155 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
91 6CF8	1175 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
92 6CG1	722 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
93 6CG2	628 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
94 6CG3	582 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
95 6CG4	517 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
96 6CG5	406 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
97 6CG6	322 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
98 6CG7	242 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
99 6CG8	500 W Maple St	Cobra	HPS	240 v	250 W	6CT3
100 6CH1	702 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
101 6CH2	602 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
102 6CH3	505 Charles Ln	Cobra	HPS	240 v	250 W	6CT3
103 6CH4	433 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
104 6CH5	338 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
105 6CH6	304 Finley Rd	Cobra	HPS	240 v	250 W	6CT3

106	6CH7	218 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
107	6CI1	711 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
108	6CI2	615 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
109	6CI3	559 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
110	6CI4	505 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
111	6CI5	338 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
112	6CI6	311 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
113	6CI7	223 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
114	6CI8	446 W Maple St	Cobra	HPS	240 v	250 W	6CT3
115	6CJ1	641 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
116	6CJ2	591 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
117	6CJ3	533 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
118	6CJ4	423 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
119	6CJ5	333 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
120	6CJ6	304 Finley Rd	Cobra	HPS	240 v	250 W	6CT3
121	6CJ7	445 W Maple St	Cobra	HPS	240 v	250 W	6CT3
122	9SA1	260 E 22nd St	Cobra	HPS	120 v	250 W	9ST2
123	9SA2	260 St Regis Dr	Cobra	HPS	120 v	250 W	9ST2
124	9SA3	208 St Regis Dr	Cobra	HPS	120 v	250 W	9ST2
125	9SA4 Nortl	1919 S Highland Ave	Cobra	HPS	120 v	250 W	9ST2
126	9SB1	260 St Regis Dr	Cobra	HPS	120 v	250 W	9ST2
127	9SB2	208 St Regis Dr	Cobra	HPS	120 v	250 W	9ST2
128	9SB3 Nortl	1919 S Highland Ave	Cobra	HPS	120 v	250 W	9ST2
129	9SB4 Nortl	1919 S Highland Ave	Cobra	HPS	120 v	250 W	9ST2
130	9SC1	1919 S Highland Ave	Cobra	HPS	120 v	250 W	9ST2
131	9SC2	360 E 22nd St	Cobra	HPS	120 v	250 W	9ST2
132	9SC3	360 E 22nd St	Cobra	HPS	120 v	250 W	9ST2
133	9SC4	400 E 22nd St	Cobra	HPS	120 v	250 W	9ST2
134	9SD1	208 Northlake Rd	Cobra	HPS	120 v	250 W	9ST2
135	9SD2	360 E 22nd St	Cobra	HPS	120 v	250 W	9ST2
136	9SD3	340 Northlake Rd	Cobra	HPS	120 v	250 W	9ST2
137	9SD4	400 E 22nd St	Cobra	HPS	120 v	250 W	9ST2
138	9TA1	2220 Fountain Square Dr	Cobra	HPS	240 v	250 W	9TT2
139	9TA2	2220 Fountain Square Dr	Cobra	HPS	240 v	250 W	9TT2
140	9TA4	845 E 22nd St	Cobra	HPS	240 v	250 W	9TT2
141	9TA5	845 E 22nd St	Cobra	HPS	240 v	250 W	9TT2
142	9TA3	865 E 22nd St	Cobra	HPS	240 v	250 W	9TT2
143	9TB1	2030 S Westmore Meyers Rd	Cobra	HPS	240 v	250 W	9TT2
144	9TB2	865 E 22nd St	Cobra	HPS	240 v	250 W	9TT2
145	9TB3	865 E 22nd St	Cobra	HPS	240 v	250 W	9TT2
146	9TB4	810 E 22nd St	Cobra	HPS	240 v	250 W	9TT2
147	9TB5	770 E 22nd St	Cobra	HPS	240 v	250 W	9TT2
148	9SA4 Soutl	1919 S Highland Ave	Cobra				9ST2
149	9SB3 Soutl	1919 S Highland Ave	Cobra				9ST2
150	9SB4 Soutl	1919 S Highland Ave	Cobra				9ST2

16 150 W
19 200 W
150 250 W

35 58 watt LED
150 97 watt LED

Stock

5 - 58w 240v
5 - 97w 240v
5 - 97w 480v

Order

40 - 58w 240v
155 - 97w 240v
5 - 97w 480v

12-150w HFS
25-250w HFS

Map Printout
5716 HFS
TOTAL



April 24, 2019
● 176 LED Cobra Head...

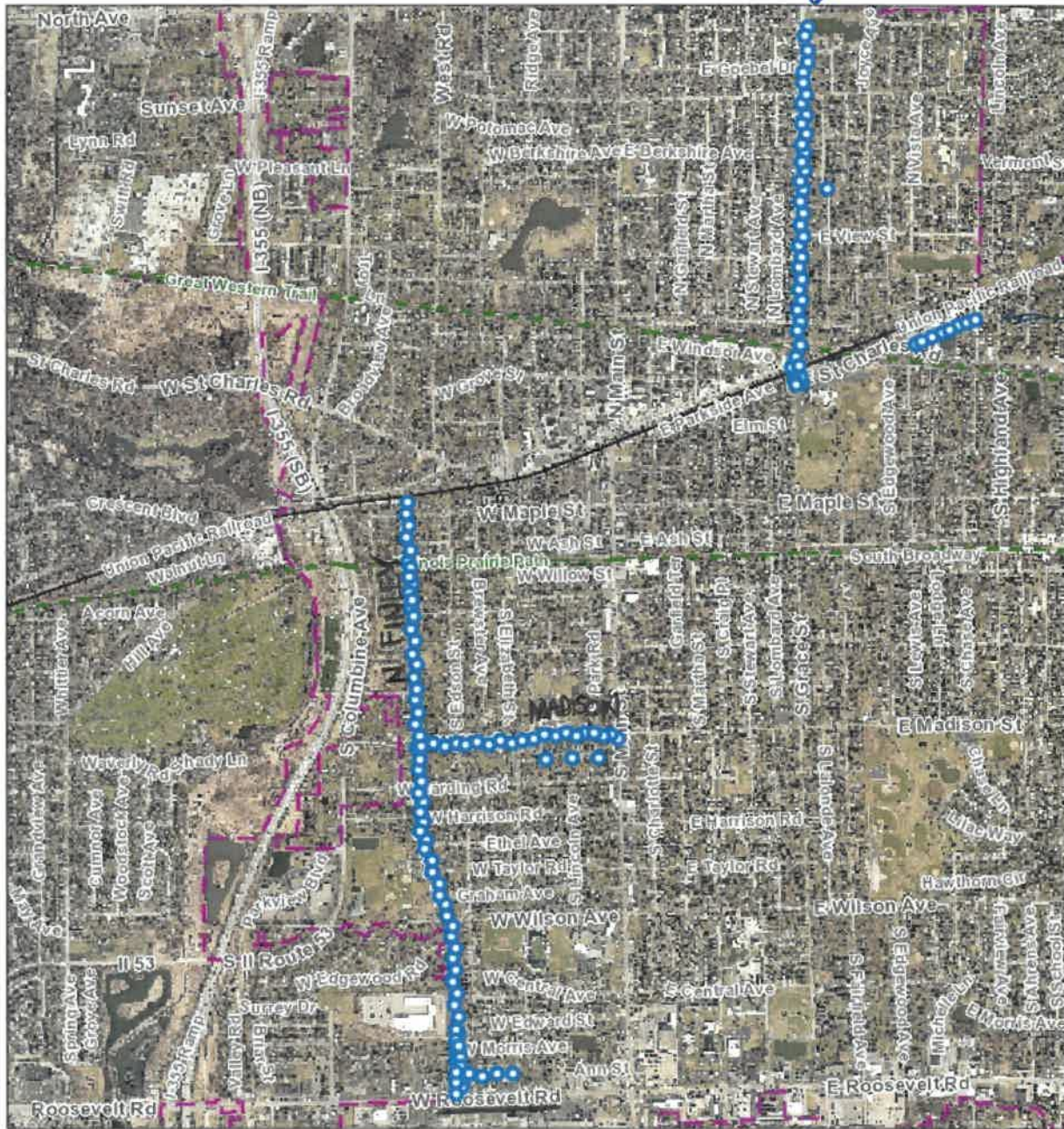
12- to 58w LED
25- 97 w LED

Current
HPS

145 lights 1-100w
3-150w

20-200w
121-250w

N. GRACE
St. Charles Rd North to Sydney



WESTERN AV

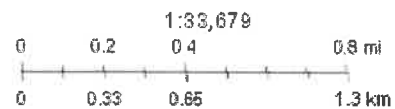
April 24, 2019

176 LED Cobra Head...

REPLACEMENTS

24 to 58w LED

121 to 97w LED



Ferdinand, Chicago of Lombard



10 97w led
Replacing 250w

35 W Central Ave, Lombard X

Show search results for 35 W C...

1S745

1S744

1S761

1S760

1S735

1S749

1S763

1S732

1S746

1S760

810

1S776

1S777

1S776

School St

2020

740 ft

2030

22ND ST

22ND ST

E 22nd St

I-88 Central DuPage Parkway

845

875

2220

2210

855

865

200ft

67 W/85th Pl/847/Essex

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