

VILLAGE OF ELM GROVE

13600 Juneau Boulevard
Elm Grove, WI 53122

**COMMITTEE OF THE WHOLE MEETING AGENDA
MONDAY, MAY 20, 2024 * 5:00 P.M. * COURT ROOM**

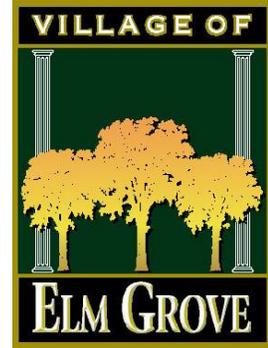
ZOOM LINK: <https://us02web.zoom.us/j/83489188381?pwd=aU1oc1ZVa0hxRE9LZVRNckRuRFNPUT09>

MEETING ID: 834 8918 8381 PASSCODE: 591875

1. **Roll Call**
2. **Discussion and update on the Underwood Creek Daylighting Project.**
3. **Discussion on final ARPA funding allocation.**
4. **Discussion and review of *Letting of Contracts §30-2*.**
5. **Discussion and review of legislation regulating the approval process for the creation of Tax Incremental Finance Districts (TID's).**
6. **Adjourn**

NOTICE: Any person who has a qualifying disability under the Americans with Disabilities Act that requires that the meeting be accessible or that materials at the meeting be in an accessible format, please contact the Village Clerk, 48 hours prior to the meeting at (262) 782-6700 or by the Wisconsin Telecommunications Relay System so that arrangements may be made to accommodate the request.

NOTICE: It is possible that members of, and possibly a quorum of, other governmental bodies of the Village may be in attendance at the above stated meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to in the above notice.



MEMO

TO: Board of Trustees
FROM: Thomas Harrigan, Village Manager
DATE: May 17, 2024
RE: Committee of the Whole, May 20, 2024

Item 2: Discussion and update on the Underwood Creek Daylighting Project.

Rich Klein, of Stantec Engineering, will be in attendance to provide an update on the current status of the UC Daylighting Project. While staff and Stantec have been working through the existing Service Agreement (which the Board approved in December of 2023), several additional project tasks have been identified and these include:

1. Geotechnical and environmental subsurface investigations along the proposed channel alignment.
2. Adjustment of channel alignment away from railroad track corridor; corresponding hydraulic model modifications.
3. Retaining wall design modifications.
4. Pedestrian bridge and associated abutment design.
5. Storm sewer modifications to accommodate adjacent drainage improvements.
6. Parking lot paving and grading outside of project limits, coordinating parking lot layout and striping design with private property owners, pedestrian path design.
7. Parking lot site amenities.

As identified in the proposed Scope of Services Task Order 2024-2, the purpose of engaging in these activities at this time is to minimize potential cost increases/project delays associated with CPKC railroad design and construction requirements; to improve bid pricing by identifying soil substrate conditions through geotechnical investigations and; to incorporate user amenities and site improvements into the project plan. Please see the proposed Task Order 2024-2 enclosed for your review.

CP Rail Property Acquisition

As you are aware, the long-awaited discussion with CP/KC Rail to determine the asking price for the ~6 acres of railroad spur took place on May 16th. I have enclosed the email from CP Rail which identifies the "first offer" price of \$1.55 million. A lengthy discussion was held with the CP representatives related to the methodology on valuation in comparison to the Village's appraisal. I will have an update on this discussion at the COW meeting on 5/20 as a discussion with the Village's appraiser is pending this afternoon (5/17).

Item 3: Discussion on final ARPA funding allocation.

Please see the enclosed ARPA Funding Summary for review. This document identifies the Village's ARPA funding expenditures to date, and includes the remaining fund balance of \$224,483. In 2024, the Village will need to identify how these remaining funds will be expended and those expenditures must take place by 2026. This discussion is intended to bring the topic to the floor for consideration and to provide an update on the remaining identified ARPA projects:

- VOIP Telephone Replacement
- Village Hall Parking Lot Lighting Replacement
- Completion of Crosswalk Safety Signals
- Door Lock Key Replacements

Item 4: Discussion and review of Letting of Contracts §30-2.

This item was referred to the COW at the April 28th Board of Trustee meeting. Please see *Letting of Contracts §30-2* enclosed for your review.

Item 5: Discussion and review of legislation regulating the approval process for the creation of Tax Incremental Finance Districts (TID's).

This item was referred to the COW at the April 28th Board of Trustee meeting.

Please do not hesitate contacting me with any questions related to these agenda items prior to the meeting.

Tom P. Harrigan

From: Todd Walters <Todd.Walters@cpkcr.com>
Sent: Tuesday, May 14, 2024 3:31 PM
To: Tom P. Harrigan; David De Angelis
Subject: Rail Project

Gentlemen,

I apologize for the email, but I haven't had any luck with the phone today. I know we have meeting tomorrow, but I wanted to get our counteroffer over to you asap. We reviewed the appraisal from Mr. Vitale, in addition to pulling our own comps, and we came to a value of \$1.55 million for the land. Please feel free to call and discuss, or we can cover this on the call tomorrow. Thank you.

Respectfully,

Todd



Todd Walters

Specialist, Real Estate
T 816-983-1094
C 480-734-1857
427 W. 12th St.
Kansas City, MO 64105

----- IMPORTANT NOTICE – AVIS IMPORTANT – AVISO IMPORTANTE ----- We are pleased to advise that CP, KCS and KCSM employee email addresses have changed to our new domains, @cpkcr.com and @cpkcm.mx. Please note the new email address and kindly update your contact list. Please be aware that these are the only new domains for CPKC. Email from any other domain purporting to be CPKC should be treated as suspicious. Shared (group) and support email addresses are not changing at this time unless specifically stated by the inbox owner. In order to minimize disruption, @cpr.ca, @kcsouthern.com and @kcsms.com.mx email addresses are still valid and will continue to receive mail until further notice. Computer viruses can be transmitted via email. Recipient should check this email and any attachments for the presence of viruses. Sender and sender company accept no liability for any damage caused by any virus transmitted by this email. This email transmission and any accompanying attachments contain confidential information intended only for the use of the individual or entity named above. Any dissemination, distribution, copying or action taken in reliance on the contents of this email by anyone other than the intended recipient is strictly prohibited. If you have received this email in error please immediately delete it and notify sender at the above email address. Nous sommes heureux de vous informer que les adresses électroniques des employés du CP, de KCS et de KCSM ont été changées afin d'indiquer nos nouveaux domaines, @cpkcr.com et @cpkcm.mx. Veuillez prendre note de ce changement et mettre à jour votre liste de contacts. Veuillez noter que ce sont les seuls nouveaux domaines pour le CPKC. Les courriels provenant de tout autre domaine prétendument du CPKC doivent être traités comme étant suspects. Les adresses électroniques partagées (groupe) et de soutien ne changent pas pour le moment à moins d'avis contraire du détenteur de la boîte de réception. Afin de réduire les perturbations au minimum, les adresses électroniques se terminant par @cpr.ca, @kcsouthern.com et @kcsms.com.mx sont encore valides et continueront à être fonctionnelles jusqu'à nouvel avis. Le courrier électronique peut être porteur de virus informatiques. Le destinataire doit donc passer le présent courriel et les pièces qui y sont jointes au détecteur de virus. L'expéditeur et son employeur déclinent toute responsabilité pour les dommages causés par un virus contenu dans le courriel. Le présent message et les pièces qui y

**SCOPE OF SERVICES
TASK ORDER 2024-2
UNDERWOOD CREEK DAYLIGHTING DESIGN SERVICES**

A. BACKGROUND

This task order supplements the Underwood Creek Daylighting project scope of services authorized by the Village on January 17, 2024.

Purpose

- Minimize cost increases and project delays in achieving compliance with CPKC design and construction requirements.
- Improve anticipated bid pricing related to soil disposal and concrete structures.
- Incorporate user amenities and adjacent site improvements into the project.

Overview of additional investigation and design activities

- Geotechnical and environmental subsurface investigations along the proposed channel alignment.
- Adjustment of channel alignment away from railroad track corridor; corresponding hydraulic model modifications.
- Retaining wall design modifications.
- Pedestrian bridge and associated abutment design.
- Storm sewer modifications to accommodate adjacent drainage improvements.
- Parking lot paving and grading outside of project limits, coordinating parking lot layout and striping design with private property owners, pedestrian path design.
- Parking lot site amenities.

Discussion: CPKC

The Village is in the process of negotiating with CPKC the purchase of the former railroad spur corridor adjacent to the DPW yard. As part of project reviews, CPKC closely reviews any construction planned near their tracks that may affect their current or future operations. If project features are located within a defined zone adjacent to their tracks, CPKC requires that those features be designed to withstand Cooper E-80 train loading. CPKC approval is contingent on complying with extensive third-party structural review. In addition, CPKC further requires inspection by railroad personnel during construction. Because of the expense and time required for compliance with CPKC requirements, it is generally advantageous to minimize the extent to which project features, including any temporary shoring that may be required during construction, are located within the zone of train loading.

Retaining Wall W3, directly east of the Sendik's building, is affected by these considerations. To maximize the amount of space available for Sendik's deliveries at their east loading dock, this retaining wall is located relatively close to the CPKC corridor. In its current location, the temporary

shoring required for construction of Retaining Wall W3 is located within the zone of train loading from CPKC's existing tracks, and would also require a railroad easement for construction. In addition to considering the retaining wall location relative to the existing track configuration, CPKC notified the Village that a future third set of tracks within their mainline track corridor is included in their long-term planning and must be addressed in the project design.

The Village could elect to keep Retaining Wall W3 in its current location and proceed with the design, review, and railroad construction inspection required by CPKC. However, to avoid the associated design and construction costs and schedule delay, it is recommended that the channel alignment be shifted to the west so that project features (channel, retaining wall, temporary shoring) are outside the zone of current and future train loading. Doing so eliminates railroad involvement from the design and construction process. To reduce the wall's footprint and its required distance from the railroad corridor, thereby maximizing the use of space available in the parking lot, Retaining Wall W3 is recommended to be designed as a cast-in-place structure rather than a precast modular block wall. To avoid extending the channel bank further west toward Sendik's than it is currently when the channel alignment is shifted west, a retaining wall is recommended to be built at the top of the bank along the west project limit.

Discussion: Abutments, concrete structures, amenities

Late in the design process (November 2018), the Village requested that abutments for a conceptual pedestrian bridge be shown on the drawings. Structural design of the abutments was to be done at a future time prior to construction. This is therefore the appropriate time to proceed with the final design of the abutments. To allow the abutment design to advance, a bridge type and size must be identified and loading parameters specified. The selection process for the bridge type and final location should occur in coordination with Village staff and appropriate parties. The cast-in-place concrete bridge abutments will be in line with Retaining Walls W1 and W2. These walls, currently laid out as precast modular block walls, are recommended to be designed as reinforced cast-in-place concrete walls to facilitate integration with the cast-in-place bridge abutments.

The parking lot area adjacent to the project limits is planned to be redesigned by the adjacent property owners. After the property owners' redesigns are completed and provided to the Village, it is anticipated that drawings and specifications for the parking lot reconstruction, paving, and striping will be incorporated into the project construction drawings. There has also been discussion, still ongoing, related to other user amenities within and outside the channel daylighting project area, including pedestrian paths, lighting, benches, trash receptacles, plantings, and signage. The extent of design required for these features, as well as collaboration with the adjacent property owners, is still under discussion.

Drainage and parking lot features near the 890 Building and the Sendik's building will be incorporated into the project design to optimize the use and function of the area. For example, 890 Building downspouts that currently discharge directly to the stream channel will be piped to storm sewer laterals and connected to the project storm sewer system, allowing the area adjacent to the building to be used for parking. Existing surface drainage piping between the 890 Building and Sendik's will be extended to connect to the project storm sewer system. These various building drainage and

parking lot features, designed by the property owners, will be accommodated and incorporated into the project construction documents.

Discussion: Subsurface investigations

Approximately 21,000 cubic yards (CY) of soil will be excavated and hauled off-site for disposal during construction of the new Underwood Creek channel, accounting for a significant percentage of the total project cost. Because disposal costs for contaminated soil can be several times higher than for non-contaminated soil, it is important to provide adequate information on soil contamination and associated disposal options so that Contractors can develop competitive bids. If sufficient soil quality information is not made available, bidders will generally make conservative assumptions about soil disposal costs, resulting in significantly higher bids than would otherwise be expected. In addition, because geotechnical soil borings were not previously conducted at the locations of the retaining walls, bridge abutments and road crossings included in the project, new borings at specific locations and depths are required to identify soil bearing capacities and related parameters needed for the efficient design of these features.

It is therefore recommended that a subsurface investigation program be implemented to collect both geotechnical and environmental subsurface information. Geotechnical borings will be used to evaluate strength and soil behavior related characteristics of the soil for use in the geotechnical and structural design of the project elements, including walls, abutments, road crossings, and sloped channel banks. Environmental borings will be used to identify the extent of contamination present in the soil to be excavated and describe disposal options for Contractor consideration during bidding, resulting in more competitive construction bids.

B. TASK DESCRIPTIONS

The proposed scope of work includes the tasks and services described below.

1. Environmental and geotechnical subsurface investigations

This task addresses drilling, sampling, analysis and reporting to identify subsurface soil and groundwater properties and to determine associated construction and soil disposal parameters.

Included in task scope:

- Develop geotechnical and environmental drilling and sampling plans.
 - Preliminary geotechnical investigation plan includes up to 17 hollow stem auger borings to depths between 12 feet and 75 feet below ground surface, totaling approximately 612 feet of boring depth, conducted at the proposed locations of the various project structural elements and channel slopes.
 - Preliminary environmental investigation plan includes up to 30 direct push soil borings to depths up to 16 feet at approximate 50-foot intervals along the proposed channel alignment.
- Subcontract drilling and laboratory analyses.

- Soil samples will be collected continuously from each borehole. Up to three soil samples from each boring will be analyzed for one or more of the following: volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and/or Resource Conservation and Recovery Act (RCRA) metals. Up to 10 soil samples will also be analyzed for polychlorinated biphenyls (PCBs). In addition, Toxicity Characteristic Leaching Potential (TCLP) analysis will be performed if VOCs or RCRA metals concentrations exceed the “20x” rule, indicating that the soil may have hazardous characteristics. For the purposes of this scope, we have assumed up to 10 samples will be analyzed for TCLP VOC and/or RCRA metals.
- Up to four landfill waste characterization samples will be collected within the proposed daylighting corridor for laboratory analysis and landfill waste profiling. Each sample will be analyzed for typical parameters needed to obtain approval to dispose of soil at a local landfill (i.e. Protocol B).
- Develop summary reports.

Not included in task scope:

- This scope does not include development of WDNR-related documentation that may be required based upon investigation results and findings.

Deliverables:

- Geotechnical Data Report (GDR) for inclusion in project specifications.
- Geotechnical Interpretation Report (GIR) memorandum for internal design use.
- Environmental assessment sampling summary report including discussion of options for beneficial reuse of soil or other disposal options.

Assumptions:

- Soil cuttings generated during drilling operations will be drummed and stored on-site pending off-site disposal during project construction.

2. Design modifications

This task comprises various design improvements and modifications needed to address stakeholder requirements and improve the competitiveness of bid pricing.

Included in task scope:

- Adjust channel alignment so that temporary shoring is outside the zone of track loading for the existing track configuration and Retaining Wall W3 is outside the zone of track loading for the future third track.
 - Modify HEC-RAS model to reflect the realigned channel.
 - Modify the FEMA CLOMR work map and related documentation accordingly.

- Provide reinforced cast-in-place concrete designs and construction details for the structures listed below.
 - Pedestrian bridge abutments integral to Retaining Walls W1 and W2.
 - Select and specify features of a prefabricated pedestrian bridge in coordination with Village staff to use in abutment design and to include in project construction documents.
 - Retaining Walls W1 (current location), W2 (current location), W3 (new location west of current), and W4 (new wall).
- Modify storm sewer system (alignment and structures) to accommodate building drainage improvements at and adjacent to 890 Building.
 - The 890 Building owner has communicated their preference to have their roof drainage tie directly into the new Village storm sewer system rather than discharge to the ground surface adjacent to the building.
 - Provide a manhole and associated storm sewer modifications to which the 890 Building can connect.
 - Modify grading and surface restoration adjacent to building.
 - Coordinate with private property parking lot design to accommodate connection to private sewer located between 890 Building and Sendik's building.
- Develop landfill disposal option.
 - Coordinate with up to two local landfills to obtain landfill disposal waste profile information to include in project specifications.
- Incorporate parking lot reconstruction, repaving and restriping plans and specifications, provided by others, into construction documents.
 - Specific requirements for this task have not been fully defined.
 - It is anticipated that parking lot grading and drainage, ingress/egress and traffic lanes, parking space layout, islands, vegetation and landscaping, curbing, pedestrian access ways, and any other features outside the project limits will be provided by others.
 - Coordination with Village staff and appropriate stakeholders will be necessary to finalize the pedestrian path alignment adjacent to and potentially through the project area.
- Incorporate amenities into construction documents.
 - Specific requirements for this task have not been fully defined.
 - Upon receiving direction from Village staff, it is anticipated that elements including benches, trash receptacles, and lighting will be included in this task.

Not included in task scope:

- This scope does not include design elements not mentioned above.
- This scope does not include public outreach assistance, renderings, or related materials.

Deliverables:

- Revised construction drawings and specifications detailing the design modifications identified above.

Assumptions:

1. The Village will coordinate with adjacent property owners regarding required designs ‘by others’.

C. SCHEDULE

It is assumed that Tasks 1 and 2 will commence in June 2024 and be completed by the end of December 2024. The scope of services described will commence upon receipt of the Village’s Notice to Proceed (NTP).

D. FEE

Stantec’s estimated fee to complete the work described is provided in Table 1 below. The work will be done on a Time & Materials basis, with a cost not to exceed the total identified without prior Village approval.

If additional budget is required to complete a task, or if out-of-scope work not currently included in the scope is required, Stantec will notify the Village of the required fee adjustment for approval prior to continuing the work.

Table 1 - Estimated Fee

Task	Name	Estimated Fee
1	Subsurface Investigations	\$204,737
2	Design Modifications	\$189,020
Total		\$393,757

**Village of Elm Grove
Summary of ARPA funding**

Grant Funding received

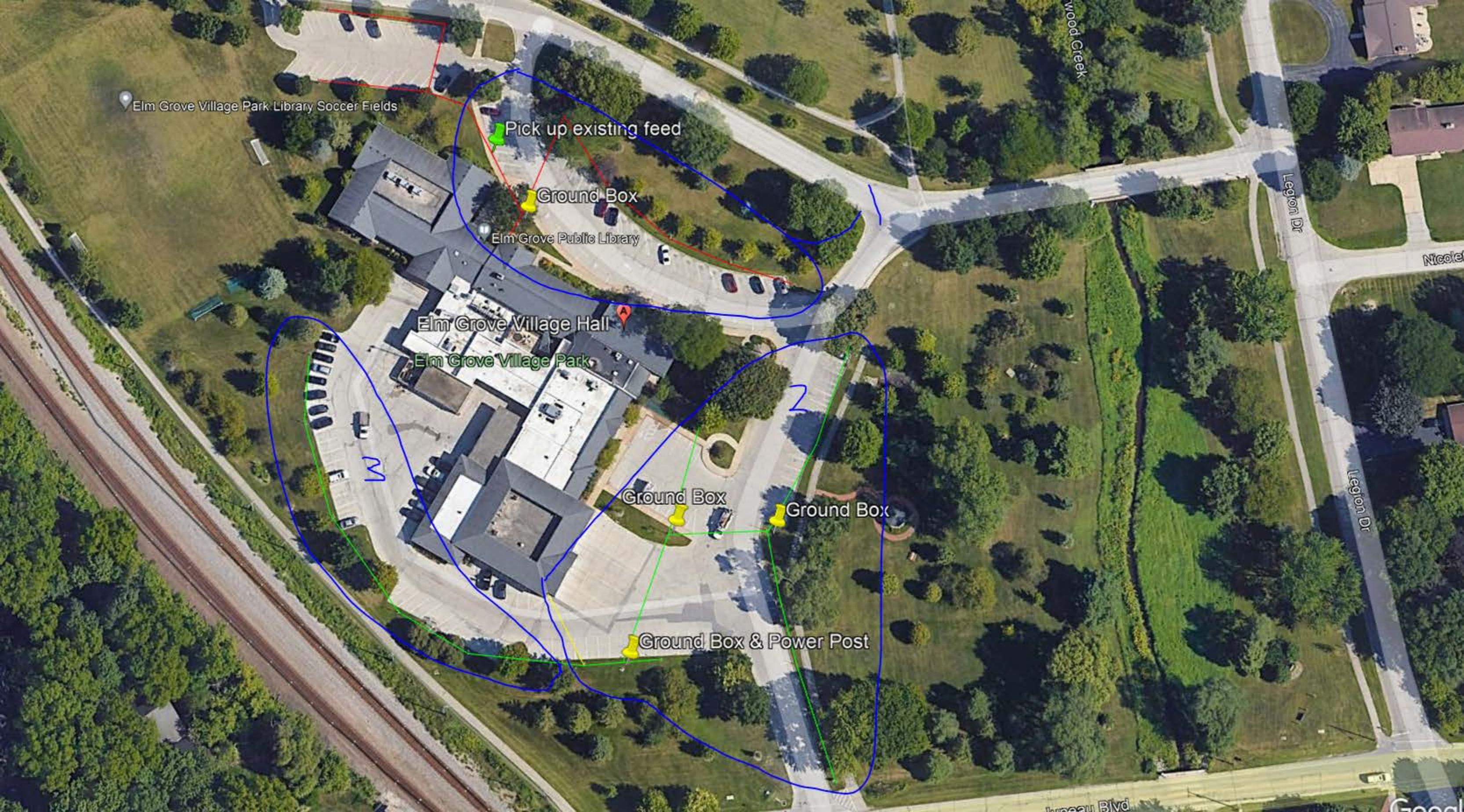
General allocation	2021 and 2022	642,258.68	
Police grant for keyless door system	2022	25,000.00	
EMS additional grants	2022	18,540.51	
EMS additional grant	2022-2023	130,705.00	
EMS grant	2023	12,195.11	161,440.62
Interest earned on invested funds	2021-2023	32,708.49	
		861,407.79	

Funds Expended

<u>Employee wage and benefit</u>			
Employee additional wage payment for work during Covid pandemic	2021	53,023.62	
<u>Equipment/ Projects</u>			
OWL speaker system to facilitate ZOOM meetings	2021	1,626.31	
Handsfree upgrades for poolhouse and Village Hall pumbing equipment	2022	53,945.00	
Air Filtration system in Village Hall	2022	33,945.00	
Keyless Door Lock System	2022-2023	143,575.98	
Video recording system	2022-2023	55,052.87	
Security Fence at Village Hall	2023	84,889.00	
Crosswalk	2023	9,732.79	
Emergency Siren software	2023	16,693.60	
EMS expenditures			
EMS POC increase- fr addl grant	2023	100,000.00	
EMS Electrostatic air equipment	2022	2,519.45	
EMS Allied 100 specialized training mankin	2022	17,487.98	
EMS additional training	2023	1,052.53	
EMS Video Laryngoscopes	2023	22,967.84	
EMS other equipment	2023	6,692.84	150,720.64
Transfer of interest earnings to capital	2023	23,000.00	
total expenditures		626,204.81	
funds remaining		235,202.98	
designated for EMS		(10,719.98)	
available funds 2024		224,483.00	

2024 Projects budgeted

Telephone system replacement	51,500
Village Hall Parking lot lighting	160,000
completion of crosswalk	5,000
	216,500



Elm Grove Village Park Library Soccer Fields

Pick up existing feed

Ground Box

Elm Grove Public Library

Elm Grove Village Hall

Elm Grove Village Park

Ground Box

Ground Box

Ground Box & Power Post

M

2

Wood Creek

Legion Dr

Legion Dr

Worcester Blvd

Good

SOLID STATE AREA LIGHTING

CMP SERIES-LED

S P E C I F I C A T I O N S

HOUSING

Durable corrosion resistant cast aluminum housing. Top is hinged for access. Luminaire base has 3" I.D. opening for tenon. All hardware is stainless steel.

✓LED[®] OPTICAL MODULE

Low copper A356 alloy (<.2% copper) cast aluminum housing. Integrated clear tempered 3/16" glass lens sealed with a continuous silicone gasket protects emitters (LED's) and emitter Reflector-Prism optics, and seals the module from water intrusion and environmental contaminants. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Each emitter is optically controlled by a Reflector-Prism injection molded from H12 acrylic (3 types per module; one from 0° - 50°; one from 50° - 65°; one from 65° - 72°). Each Reflector-Prism has indexing pins for aiming and is secured to an optical plate made of matte black anodized aluminum. The optical plate locates every Reflector-Prism over an emitter. Reflector-Prisms are secured to the optical plate with a UV curing adhesive. The Reflector-Prisms are arrayed to produce IES Type II, III, IV, and V-SQ distributions. The entire Optical Module is field rotatable in 90° increments. Both module and drivers are factory wired using water resistant, insulated cord. Lens, module and drivers are field replaceable.

LED EMITTERS

High Output LED's are driven at 350mA for nominal 1 Watt output each. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER

UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

FINISH

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

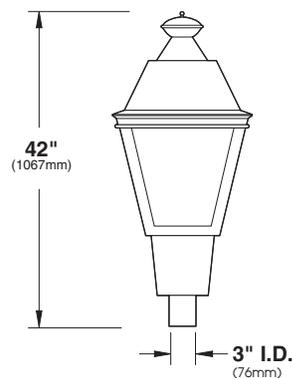
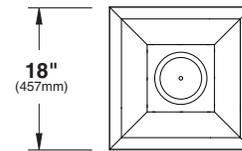
PROJECT NAME: _____

PROJECT TYPE: _____



CMP

PATENT PENDING



2018333



CMP SERIES - LED

S P E C I F I C A T I O N S

OPTIONAL STYLES

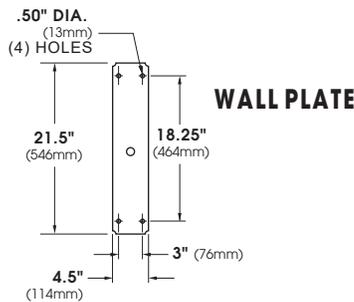
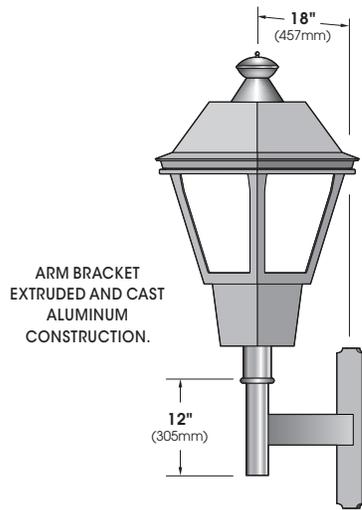


CMPN



CMPL

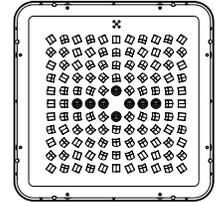
WALL MOUNT



LED POWER ARRAY™ MODULES



CMP-LED E.P.A. = 3.15
Available in:
120, 100, 80, & 64
LED Module



120 LED Module

O R D E R I N G I N F O R M A T I O N

LUMINAIRE	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED		MOUNTING	FINISH	OPTIONS	
LUMINAIRE	VLED® IES DISTRIBUTION TYPE	No. LEDs	COLOR	VOLTAGE	ARM MOUNT	STANDARD TEXTURED FINISH	
<input type="checkbox"/> CMPN-LED	<input type="checkbox"/> VLED - II  (Type-II)	<input type="checkbox"/> 120LED	<input type="checkbox"/> NW (4000K)* *STANDARD	<input type="checkbox"/> 120	<input type="checkbox"/> PT 	<input type="checkbox"/> BLACK RAL-9005-T	<input type="checkbox"/> INTERNAL HOUSE SIDE SHIELDS... HS
<input type="checkbox"/> CMPL-LED	<input type="checkbox"/> VLED - III  (Type-III)	<input type="checkbox"/> 100LED	<input type="checkbox"/> CW (5000K)	<input type="checkbox"/> 208	<input type="checkbox"/> 1 	<input type="checkbox"/> WHITE RAL-9003-T	<input type="checkbox"/> EXTERNAL HOUSE SIDE SHIELD... EHS
	<input type="checkbox"/> VLED - IV  (Type-IV)	<input type="checkbox"/> 80LED	<input type="checkbox"/> WW (3000K)	<input type="checkbox"/> 240	<input type="checkbox"/> 2-180 	<input type="checkbox"/> GREY RAL-7004-T	<input type="checkbox"/> DIMMABLE DRIVER(S) (0-10V)..... DIM
	<input type="checkbox"/> VLED - VSQ  (Type-VSQ)	<input type="checkbox"/> 64LED	OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> 277	<input type="checkbox"/> 2-90 	<input type="checkbox"/> DARK BRONZE RAL-8019-T	<input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR HLSW
				<input type="checkbox"/> 347	<input type="checkbox"/> 3-90 	<input type="checkbox"/> GREEN RAL-6005-T	<input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) PC+V
				<input type="checkbox"/> 480	<input type="checkbox"/> 3-120 		<input type="checkbox"/> TWIST LOCK PHOTOCELL RECEPTACLE ONLY ... TPR
					<input type="checkbox"/> 4-90 		<input type="checkbox"/> 10KV SURGE PROTECTOR. 10SP
					WALL MOUNT	FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)	<input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only) 20SP
					<input type="checkbox"/> WM 	SEE USALTG.COM FOR ADDITIONAL COLORS	



SOLID STATE AREA LIGHTING

CMP SERIES-LED

S P E C I F I C A T I O N S

LUMINAIRE

High Impact clear polycarbonate diffusing lenses provided with durable corrosion resistant cast aluminum housing. Top is hinged for access. Luminaire base has 3" I.D. opening for tenon. All hardware is stainless steel.

LED POWER ARRAY™

Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED's and is mechanically fastened to a radial aluminum heat sink. An acrylic Lens and end cap protects the LED Tube's internal components.

ANGLED POWER ARRAY™: Micro-Reflectors mounted around each LED control the raw light output. LED Tubes are uniquely aimed horizontally and vertically and combined to produce highly efficient IES Distribution Types II, III, IV and V. Used in conjunction with a clear patterned diffusing lenses.

VERTICAL POWER ARRAY™ WITH GLASS REFRACTOR: LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Array is secured within a 6" Prismatic Glass Refractor which provides the optical control. Used in conjunction with clear smooth or clear patterned lenses.

VERTICAL POWER ARRAY™: LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Produces a minimal glare, symmetric diffuse light distribution. Used in conjunction with opal diffusing lenses.

LED EMITTERS

High Output LED's are driven at 350mA for nominal 1 Watt output each. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER

UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

FINISH

Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

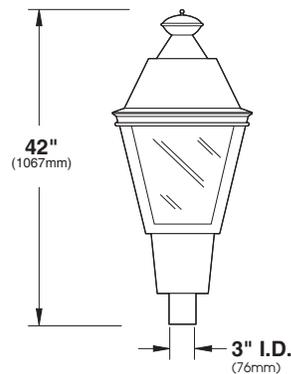
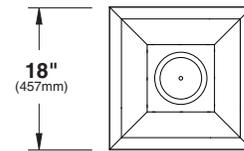
PROJECT NAME: _____

PROJECT TYPE: _____



CMP

PATENT PENDING



2018333



CMP SERIES - LED

S P E C I F I C A T I O N S

OPTIONAL STYLES

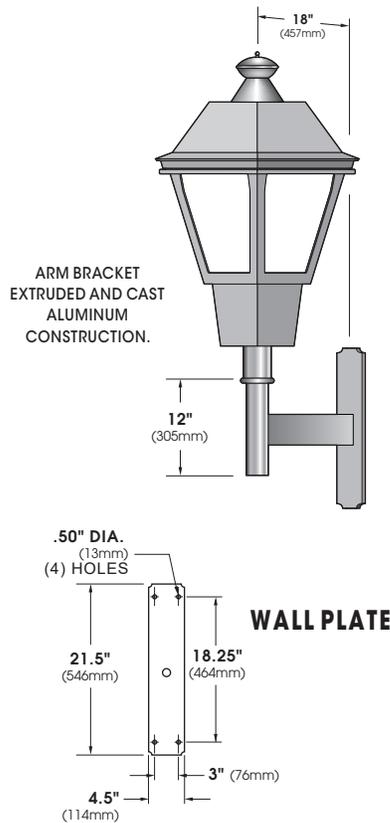


CMPN



CMPL

WALL MOUNT



LED POWER ARRAY™ MODULES

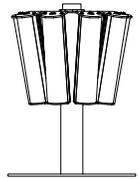


CMP-LED
E.P.A. = 3.15

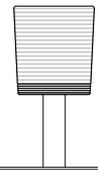
ANGLED ARRAY
Available in:
10 Array 80 LED Max.

GLASS REFRACTOR w/
VERTICAL ARRAY
Available in:
6 Array 36LED Max.

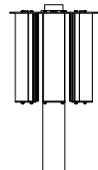
VERTICAL ARRAY
Available in:
8 Array 64 LED Max.
10 Array 80 LED Max.



APA - Angled Array
Base mount



GRV - Glass Refractor
w/ Vertical Array
Base mount



VPA - Vertical Array
Base mount

(Specifications subject to
change without prior notice.)

PATENT PENDING

O R D E R I N G I N F O R M A T I O N

LUMINAIRE	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED	MOUNTING	FINISH	OPTIONS		
<input type="checkbox"/> CMPN-LED <input type="checkbox"/> CMPL-LED	ANGLED POWER ARRAY (CLEAR PATTERNED LENS) <input type="checkbox"/> APA - II <input type="checkbox"/> APA - III <input type="checkbox"/> APA - IV <input type="checkbox"/> APA - V GLASS REFRACTOR (CLEAR PATTERNED OR CLEAR SMOOTH LENS) <input type="checkbox"/> GRV - III <input type="checkbox"/> GRV - V VERTICAL POWER ARRAY (OPAL LENS) <input type="checkbox"/> VPA - SYM	No. LEDs <input type="checkbox"/> 80LED <input type="checkbox"/> 60LED <input type="checkbox"/> 40LED <input type="checkbox"/> 36LED <input type="checkbox"/> 80LED <input type="checkbox"/> 64LED <input type="checkbox"/> 48LED	COLOR <input type="checkbox"/> NW (4000K)* * STANDARD <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K) OTHER LED COLORS AVAILABLE CONSULT FACTORY	VOLTAGE <input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	ARM MOUNT <input type="checkbox"/> 1 <input type="checkbox"/> 2-180 <input type="checkbox"/> 2-90 <input type="checkbox"/> 3-90 <input type="checkbox"/> 3-120 <input type="checkbox"/> 4-90 WALL MOUNT <input type="checkbox"/> WM POST TOP <input type="checkbox"/> PT	STANDARD TEXTURED FINISH <input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DARK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S) SEE USALTG.COM FOR ADDITIONAL COLORS	LENS OPTIONS: <input type="checkbox"/> CLEAR PATTERNED POLYCARBONATE ... CPP (STANDARD LENS) <input type="checkbox"/> CLEAR SMOOTH POLYCARBONATE ... CP <input type="checkbox"/> OPAL SMOOTH ACRYLIC ... WP <input type="checkbox"/> CLEAR PATTERNED ACRYLIC ... CPA <input type="checkbox"/> CLEAR SMOOTH ACRYLIC ... CA <input type="checkbox"/> OPAL SMOOTH POLYCARBONATE ... WA <input type="checkbox"/> HOUSE SIDE SHIELD ... HS <input type="checkbox"/> DIMMABLE DRIVER(S) (0-10V) ... DIM <input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR ... HLSW <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) ... PC+V <input type="checkbox"/> 10KV SURGE PROTECTOR ... 10SP <input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only) ... 20SP





4085 North 128th Street, Brookfield, WI 53005
phone 262.781.1500 - fax 262.781.1540
www.LembergElectric.com



SERVICE



SIGNS



DATA COMM



ENERGY TECH



CONSTRUCTION

March 19, 2024

Richard Paul
Village of Elm Grove
13600 Juneau Blvd
Elm Grove, WI 53122

Re: Village Hall – Exterior Lighting – Revision 2

Richard,

Lemberg Electric is pleased to provide you with the following quote.

Area 1 – Northeast Lot

- Seven (7) Sun Valley CMPN Post top lights.
- Seven (7) Sun Valley 10' steel poles.
- Install three (3) ground boxes for wiring access points.
- Provide one 100' directional bore.
- Provide 400' of vibratory plowing.
- Provide 1" HDPE conduit in ground with #6 wire for voltage drop.
- Replace up to two concrete bases with disposal of old.
- Excavate and tie into existing conduits at pole bases that remain as existing.

The cost for this project will be: \$49,650.00 (plus tax if applicable)

Area 2 – Southeast Lot

- Nine (9) Sun Valley CMPN Post top lights.
- Nine (9) Sun Valley 10' steel poles.
- Install four (4) ground boxes for wiring access points.
- Provide two directional bores for a total of 270'.
- Provide 460' of vibratory plowing.
- Provide 1" HDPE conduit in ground with #6 wire for voltage drop.
- Replace up to two concrete bases with disposal of old.
- Excavate and tie into existing conduits at pole bases that remain as existing.
- Provide a post with receptacle at the fire department sump crock. A concrete base will be provided for the post.
- Saw cut and remove asphalt for 30 linear feet, backhoe and excavate, undermine curb, backfill with stone, an asphalt patch for homerun conduit to Fire Station feed.

The cost for this project will be: \$71,460.00 (plus tax if applicable)



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Area 3 – Southwest Lot

- Five (5) Sun Valley CMPN Post top lights.
- Five (5) Sun Valley 10' steel poles.
- Provide two (2) directional bores totaling 225' with 1" HDPE conduit.
- Provide 225' of vibratory plowing with 1" HDPE conduit.
- Install one ground box for a wiring access point.

The cost for this project will be: \$38,925.00 (plus tax if applicable)

Ground and Building Mounted Lights

- Thirteen (13) Lithonia ESXF3 ground flood lights.
- One (1) Lithonia DSXF3 flood light for the flagpole.
- Three (3) Lithonia CNY LED P2 canopy lights for the police car parking area.
- Two (2) Sun Valley sconce lights for the main entrance.
- Retrofit six (6) 12" square canopy lights with LED lamps.
- Retrofit ten (10) 8" round recessed lights with LED lamps.
- Retrofit One (1) 9" square recessed light with LED lamp.
- Seven (7) Lithonia TWX2 small wall packs for the man doors.
- Nine (9) Lithonia TWX3 wall packs for the overhead doors and dumpster light.

The cost for this project will be: \$18,945.00 (plus tax if applicable)

Northwest Lot

- Four (4) Sun Valley CMPN Post top lights on existing poles.

The cost for this project will be: \$11,310.00 (plus tax if applicable)

Note:

1. All excavations returned to rough grade only. Final restoration by others.
2. Area 2 must be completed before area 3 due to replacement of home run conduit in area 2 quote.
3. Disposal of fixtures and pole by Village.
4. Provide a no fee electrical permits for the projects.

Thank you for the opportunity to provide you with this pricing. Feel free to call me with any questions you might have.



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SERVICE



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ENERGY TECH



CONSTRUCTION

Sincerely,

Tim Hagen
Lemberg Electric Company, Inc.
Direct 262-364-0368
Fax 262-364-0369

In the event that the price of copper and/or any other necessary commodities significantly increases through no fault of Lemberg Electric Company before a contract is awarded, the price of these materials or goods to be furnished under this proposal shall be equitably adjusted by an amount reasonably necessary to cover any such significant price increases. A significant price increase shall mean any increase in price exceeding Three percent (3%) experienced by Lemberg Electric Company from the date of this proposal.

ELM GROVE POLICE DEPARTMENT

DATE: May 17, 2024
TO: Tom Harrigan, Village Manager
FROM: Jason Hennen, Chief of Police
SUBJECT: Building re-key bid

Mr. Harrigan:

I am writing to request consideration for funding an unplanned project that needs resolution to preserve security in the Village Hall, Library, Fire Department, and Police Department.

From 1996 to 2023, at minimum, the locks and keys to the village were managed by the Facilities Manager at Village Hall. When employees would come and go, a key would be issued and presumably returned.

In early 2023 the HID keycard system, which is an access control system, was installed on specific doors. The system allows the key administrator to turn on and off key cards instantly, grant permissions for specific doors, and log all door swipes. These cards were issued to all employees regardless if they had office doors with a HID. The remaining offices without a HID retained their original issued keys. During a security review we discovered that over the years, master keys were being issued to all employees. This eliminated any hierarchy in the door lock system. For example, independent contractors such as the building inspector or the assessor had full access to the Police Department, Village Managers office and Finance Director's office. This creates a security risk for a multitude of reasons.

At this time, we have no idea who has or had a key. The facilities manager has no key log to indicate who was issued a key, or if it was returned upon departure. As a temporary resolution, I did issue the assessor and the Forester new keys that were specific to village hall doors.

Continuing to use the current key locks eliminates the accuracy of the new HID logging system and makes it nothing more than a convenience and also gives a false sense of security. Anyone who has keys can bypass the logging software by using the door key instead of the card.

The most effective method to resolve the security issue is to rekey all doors in Village Hall and issue key cards to all employees. Those individuals with no HID on their office

door will be issued a key specific to their door only. Those individuals that have a HID on their office door would receive a key card.

If we are truly intending on using the HID system as it was intended the door locks must be changed or rekeyed. The quote to replace door handles would exceed \$100,000. The initial cost to rekey locks would cost \$5,008. I suggest we also rekey the pool building at the same time which was not included in the quote. I am requesting approval to proceed with this project with a budget not to exceed \$7,000. This amount would encompass the doors on the original bid, the pool doors, and contingency.

Jason Hennen

Jason Hennen
Chief of Police

§ 30-2. Letting of contracts. [Amended 3-8-1999 ; 9-11-2000 ; 5-23-2006]

- A. Contracts by Village Manager. All contracts for the performance of any work or services or the purchase of any materials or equipment for the Village of Elm Grove of \$25,000 or less may be made by the Village Manager. To the extent such section is applicable, purchases shall be made in the manner provided in Chapter 54, § 54-3H.
- B. Contracts in excess of \$25,000.
- (1) Subject to the provisions of Subsection B(2) below, contracts for the performance of work, services or the purchase of materials or equipment for the Village of Elm Grove exceeding \$25,000 shall be let to the lowest responsible bidder pursuant to the provisions of § 61.55, Wis. Stats. The term "work" or "service" as used in this subsection shall not refer to any professional services. For purposes of this section, "professional services" includes but is not limited to the services of any attorney, architect, artist, public accountant, computer consultant, consulting engineer, insurance underwriter, realtor, real estate appraiser or planning consultant.
 - (2) The Village Board shall have the right to reject all bids for contracts for any work or services or material. Thereafter, such contracts for any work, services or materials shall be let as directed by the Village Board. The Village Board shall also have the right to waive the requirement for solicitation of bids for specific materials and/or equipment where the Village Board makes a legislative finding that the purchase of specific materials or equipment for the replacement or upgrading of existing Village materials and/or equipment is necessary to avoid incurring additional costs and/or expenses or the disruption of Village services.
- C. Public works contracts. **[Added 10-26-2020]**
- (1) For purposes of this section, a "public works project" means the construction, alteration, demolition, installation, or repair work done under contract and paid in whole or in part out of public funds.
 - (2) Prior to the letting of any contract for a public works project entered into by the Village that requires an expenditure in excess of the amount listed in § 30-2C(3), the Village Board shall submit to the electorate a binding referendum for approval of the public works project. Failure of the binding referendum shall preclude the Village from proceeding with the public works project. The wording of any referendum shall include a concise summary of the public works project with the information regarding the specific purpose and location of the public works project as well as the total anticipated cost of the public works project and the method to be used by the Village for payment of said cost.
 - (3) The total anticipated out-of-pocket amount to be spent directly by the Village for any public works project sufficient to trigger a binding referendum is \$5,000,000 as of the date that this subsection is enacted. This amount shall be adjusted annually for inflation using the consumer price index published by the U.S. Department of Commerce, and said adjustments will be effective on January 1 of each year beginning in 2022.
 - (4) Nothing in this subsection shall be construed to preclude the Village or its

representatives the planning or design any public works project.

- (5) Nothing in this subsection shall preclude the Village or Village Board from spending funds or moving forward in any way with a public works project as needed in the case of an emergency declaration pursuant to Chapter 22.