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## **FINANCE COMMITTEE MEETING AGENDA**

**Monday, December 19, 2022 at 5:15 p.m.  
Caledonia Village Hall - 5043 Chester Lane**

1. Call to Order
2. Approval of Minutes
3. Utility Operator's On-Call Policy
4. Resolution 2022-126 – A Resolution Of The Village Board Of The Village Of Caledonia Approving A Professional Services Agreement With Clark Dietz, Inc. For Engineering Services At Crawford Park
5. Resolution 2022-127 – A Resolution Adopting The Caledonia 2023 Revised Salary Compensation Schedule Increasing Maximum For Paygrades 22 – 24
6. Resolution 2022-129 – Resolution Authorizing The Village Of Caledonia To Amend 2022 Budget To Accept Flex Grant Funds And Associated Purchases
7. Resolution 2022-130 – Resolution Authorizing The Village Of Caledonia To Purchase A Type I Ambulance And Lifepak 15 Monitor & Amend Budget To Accept Flex Grant Funds And For Lifepak Purchase
8. Law Enforcement Funding - Virtual Reality System
9. Adjournment

Dated December 16, 2022

Joslyn Hoeffert  
Village Clerk

Only committee members are expected to attend. However, attendance by all Board members (including non-members of the committee) is permitted. If additional (non-committee) Board members attend, three or more Board members may be in attendance. Section 19.82(2), Wisconsin Statutes, states as follows:

If one-half or more of the members of a governmental body are present, the meeting is rebuttably presumed to be for the purposes of exercising the responsibilities, authority, power or duties delegated to or vested in the body.

To the extent that three or more members of the Caledonia Village Board actually attend, this meeting may be rebuttably presumed to be a "meeting" within the meaning of Wisconsin's open meeting law. Nevertheless, only the committee's agenda will be discussed. Only committee members will vote. Board members who attend the committee meeting do so for the purpose of gathering information and possible discussion regarding the agenda. No votes or other action will be taken by the Village Board at this meeting.

**1. Call to Order**

Trustee Wishau called the meeting to order at 5:30 p.m.

Committee Members: Trustee Weatherston, and Trustee Wishau. Trustee Martin sat in for President Dobbs. Trustee Stillman was also present.

Absent: President Dobbs was excused.

Department Managers: Finance Director Wayne Krueger, Fire Chief Jeff Henningfeld, Police Chief Christopher Botsch, HR Manager Michelle Tucker, and Administrator Kathy Kasper.

**2. Approval of Minutes**

Motion by Trustee Weatherston to approve the minutes' dated September 6, 2022. Seconded by Trustee Wishau. Motion carried unanimously.

**3. Resolution 2022-113 – Resolution Of The Village Board Of The Village Of Caledonia Authorizing The Payment To Bruce Maple For Claim**

Motion by Trustee Weatherston to approve Resolution 2022-113 – Resolution Of The Village Board Of The Village Of Caledonia Authorizing The Payment To Bruce Maple For Claim and forward to the Village Board. Seconded by Trustee Martin. Motion carried unanimously.

**4. Resolution 2022-110 – Resolution Authorizing The Village Of Caledonia To Enter Into A Contract With Clifton Larson Allen LLP For 2022 Audit Services**

Motion by Trustee Weatherston to approve Resolution 2022-110 – Resolution Authorizing The Village Of Caledonia To Enter Into A Contract With Clifton Larson Allen LLP For 2022 Audit Services and forward to the Village Board. Seconded by Trustee Martin. Motion carried unanimously.

**5. Adjournment**

Motion by Trustee Weatherston to adjourn. Seconded by Trustee Martin. Motion carried unanimously.


Meeting adjourned at 5:35 p.m.

Respectfully submitted,  
Joslyn Hoeffert, Village Clerk

# MEMORANDUM

**DATE:** Monday, December 12, 2022

**TO:** Finance Committee  
Personnel Committee  
Village Board

**FROM:** Anthony A. Bunkelman P.E.  
Public Services Director 

**RE:** Utility District Operators On Call Policy

## BACKGROUND INFORMATION

The Utility District Operators have requested that a written policy be created for being On Call. Attached is the draft On Call Policy that was created to achieve this request. In addition to the draft Policy, a Fiscal Note was prepared to indicate the current Fiscal Impact and the proposed Fiscal Impact.

In the Policy it describes the times/duration that an Operator is On Call, the requirement of carrying the On Call phone, the response time if an Operator is required to physically appear, compensation for carrying the On Call phone, and compensation for physically appearing if necessary.

The On Call Policy has been created by the Public Services Director and reviewed/revised by the Village Administrator. The draft Policy was also shared with the Operators whose input on the draft Policy was considered. The approval process is to have the Policy on the Utility District Commission, Personnel Committee, Finance Committee, and finally the Village Board. The Utility District Commission reviewed the draft policy at their December 7<sup>th</sup> meeting and recommended that the Policy be forwarded to the Personnel Committee, Finance Committee, and Village Board with the recommendation to increase the compensation for carrying the On Call Phone from 6 hours to 7 hours per week.

It is anticipated that the On Call Policy will be reviewed and recommended to the Village Board for action at the December 19<sup>th</sup> Village Board meeting to have the On Call Policy take effect on January 1, 2023.

The Personnel Committee and the Finance Committee will need to determine and recommend how much compensation that the Utility District Operators should receive for carrying the On Call phone for a one-week On Call period.

## RECOMMENDATION

**Move to Recommend that the Utility District Operator – On Call Policy is forwarded to the Village Board for adoption at the December 19<sup>th</sup> Village Board Meeting.**

**OR**

**Move to Recommend that the Utility District Operator – On Call Policy revised to 7 hours of compensation for carrying the On Call phone and is forwarded to the Village Board for adoption at the December 19<sup>th</sup> Village Board Meeting.**

## Utility District Operator – On Call Policy

A Utility District Operator shall be on call for one week from 6:30am on Friday to 6:30am the following Friday. While the Utility District Operator is on call, the operator shall carry the designated Utility District on call phone. The on call phone is expected to be answered/acknowledged each time that a call or alarm is received. If a call happens to go to voicemail, the Operator shall return said call within 10 minutes of being received.

If a call or alarm requires the Operator to appear on-site, the Operator is required to arrive at the Utility District office, gather all necessary information and equipment, and drive to the site of the call or alarm using an equipped Utility District vehicle. Arrival at site shall be one (1) hour from the time the call or alarm is received.

An Operator on call shall receive 6 hours of straight time per week for being on call. The Operator shall have the option to receive pay or earn compensatory time for the 6 hours of straight time. In addition to on-call time, an Operator that is required to appear on-site for a call or alarm, shall receive a minimum of 2 hours of overtime pay or compensatory time (1 ½ times the operator's hourly rate). If the Operator works/responds to a call or alarm that takes more than 2 hours of time, the Operator shall be compensated for time worked at 1 ½ times the Operator's hourly rate.

There will not be prorated time for on-call duty for less than one week. Should the on-call Operator need time off for any reason, then it is the on call Operator's responsibility to find a replacement to cover the time missed.



## Fiscal Note

### Utility District On Call Policy

Effective January 1, 2023

Employee	2022 Wages	52 Weeks # Times on Call	Current Unwritten Policy 3 hours per week	Proposed Policy 6 Hours per week	Recommended by Utility District 7 hours per week
Operator	\$ 21.00	7	\$ 441.00	\$ 882.00	\$ 1,029.00
Operator	\$ 21.00	7	\$ 441.00	\$ 882.00	\$ 1,029.00
Operator	\$ 27.50	7	\$ 577.50	\$ 1,155.00	\$ 1,347.50
Operator	\$ 28.00	7	\$ 588.00	\$ 1,176.00	\$ 1,372.00
Operator	\$ 29.49	8	\$ 707.76	\$ 1,415.52	\$ 1,651.44
Operator	\$ 29.78	8	\$ 714.72	\$ 1,429.44	\$ 1,667.68
Operator	\$ 33.00	8	\$ 792.00	\$ 1,584.00	\$ 1,848.00
Annual Impact		52	\$ 4,261.98	\$ 8,523.96	\$ 9,944.62

Current Fiscal Impact \$ 4,261.98

Additional Impact for 2023 6 Hours per week 7 Hours per week  
\$ 4,261.98 or \$ 5,682.64

**RESOLUTION NO. 2022-126  
(12/19/2022)**

**A RESOLUTION OF THE VILLAGE BOARD OF THE VILLAGE OF CALEDONIA  
APPROVING A PROFESSIONAL SERVICES AGREEMENT WITH CLARK DIETZ,  
INC. FOR ENGINEERING SERVICES AT CRAWFORD PARK.**

The Village Board of the Village of Caledonia, Racine County, Wisconsin do resolve as follows:

**WHEREAS**, the Village Board approved Village Staff to acquire Engineering Services for the creation of the Master Grading and Drainage Plan for Crawford Park via Resolution 2022-109 and

**WHEREAS**, the Village of Caledonia Engineering Department requested proposals from 5 consulting firms for the creation of a Master Grading and Drainage Plan for Crawford Park to be received on December 5, 2022 and

**WHEREAS**, Village Staff has reviewed all submitted proposals for conformance to the RFP standards, including each firm's experience, qualifications, methodology, timeframe, and proposed costs and

**WHEREAS**, Village Staff recommend that Clark Dietz, Inc be utilized for Professional Engineering Services and the creation of the Master Grading and Drainage Plan and

**WHEREAS**, the Professional Engineering Services will be utilized per the total contract amount of \$30,250. Any additional work would be charged on a Time & Material basis according to the General Billing Rates but not to exceed the approved total of \$40,000 in Park Impact Fees. Professional Engineering Services that are identified outside of General Engineering will be scoped and authorized.

**NOW THEREFORE BE IT RESOLVED THAT**, the Board of Trustees of the Village of Caledonia approves the Professional Services Agreement set forth in **Exhibit B**.

Adopted by the Board of Trustees of the Village of Caledonia, Racine County, Wisconsin, this \_\_\_\_ day of December, 2022.

**VILLAGE OF CALEDONIA**

By: \_\_\_\_\_  
Jim Dobbs  
Village President

Attest: \_\_\_\_\_  
Joslyn Hoeffert  
Village Clerk

# MEMORANDUM

Date: December 14, 2022

To: Finance Committee  
Village Board

From: Ryan Schmidt, P.E.  
Village Engineer

Re: Crawford Park – Professional Engineering Services – Master Grading Plans

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## Background Information

The Crawford Park Master Plan was approved on October 3, 2022 and as part of that final plan, a construction phasing schedule was recommended by MSA Professional Services, Inc. During the October 10<sup>th</sup> Parks Committee Meeting, Staff recommended acquiring Professional Engineering Services for the creation of a Master Grading and Drainage Plan as the first phase into the overall development of the park. This was approved by the Parks Committee and then approved by the Village Board on October 17, 2022.

The Engineering Department created an RFP for engineering services and reached out to 5 consulting firms for the creation of the Master Grading and Drainage Plan that was due on December 5<sup>th</sup>, 2022. The RFP was approved to utilize Park Impact Fees not exceeding \$40,000. The 5 firms contacted were: Nielsen, Madsen & Barber, Stantec, Clark Dietz, Foth, and MSA Professional Services. Of these 5, the Village received 3 proposals in total. NMBSC respectfully declined providing a proposal for this work and Stantec did not respond at all. The following results came from the 3 proposals:

- MSA Professional Services: \$110,000.
- Foth: \$66,650
- Clark Dietz: \$30,250.

After Staff review of the 3 proposals, Clark Dietz has provided the only proposal to come within budget while also meeting all requirements of the RFP. The other two proposals from MSA and Foth met the requirements of the RFP but have a significant cost increase compared to Clark Dietz. In addition, Clark Dietz has proposed to complete the work by the end of March while the other two have plans being completed by June/July. This timeline benefits the Village because it allows the possibility for work to be out for bid in 2023 for possible Fall construction.

## Recommendation

**Move to approve Village Staff to enter into an agreement for professional engineering services for the creation of the Master Grading and Drainage Plans for Crawford Park with Clark Dietz.**

PROFESSIONAL SERVICES AGREEMENT

Project Name ("Project")

CRAWFORD PARK MASTER GRADING AND DRAINAGE PLAN SERVICES

This Agreement is by and between

**Village of Caledonia** ("Client")

5043 Chester Lane  
Caledonia, WI 53402

and

**Clark Dietz, Inc.** ("Clark Dietz")

759 North Milwaukee Street, Suite 624  
Milwaukee WI 53202

Who agree as follows:

Client hereby engages Clark Dietz to perform the services set forth in PART I - SERVICES BY CLARK DIETZ, and Clark Dietz agrees to perform the Services for the compensation set forth in PART III - COMPENSATION. Clark Dietz shall be authorized to commence the Services upon execution of this Agreement and written or verbal authorization to proceed from Client. Client and Clark Dietz agree that this signature page, together with Parts I - IV and attachments referred to therein, constitute the entire Agreement between them relating to the Project.

Agreed to by Client

By: \_\_\_\_\_  
Kathy Kasper

Title: Village Administrator

Date: \_\_\_\_\_

Agreed to by Clark Dietz

By:  \_\_\_\_\_  
Mustafa Emir

Title: Executive Vice President

Date: December 14, 2022



**PART I  
SERVICES BY CLARK DIETZ**

**A. Project Description**

1. The "Client" is retaining Clark Dietz to create a Master Grading and Drainage plan for Crawford Park based on the approved Master Park Plan. The grading and drainage plan shall encompass the entire area of the park while utilizing the plans from the on-going construction of the Public Safety Building on site.

**B. Scope**

1. A thorough evaluation of the Crawford Park Master Plan (Exhibit A), including its vision statement, purpose, and recommendations.
2. A full survey of the park including the existing facilities and any infrastructure adjacent to the site that would be helpful to the overall design.
3. Analysis, design and preparation of final grading plans and modifications of the entire park. This will include the distribution of the existing material on site, re-planting of trees, cut/fill requirements, and phased grading recommendations. The park road and Public Safety Building driveway shall be part of the overall grading design, but road design sheets and subgrade prep are not required for the mass grading plans.
4. Storm Water Management Plan for the entire park build-out, including BMP recommendations, incorporation of the SWMP requirements into the grading plan, and ability to utilize or expand existing facilities. The full build out calculations shall include the paved park road and the future Public Safety Driveway.
5. Effective coordination with staff, the Park & Recreation Advisory Committee, and Village Board.
6. Final deliverable construction plans, special conditions and estimate of costs (digital and hardcopy) for the mass grading of the site as a whole and in interim phases.

**C. Deliverables**

- 5 Hard Copies and 1 Digital Copy of the stamped and approved grading and drainage plan set.
- 1 Digital Copy of special conditions for the grading and drainage plans.
- 1 Digital Copy of cost analysis / estimate of costs for the proposed work.
- 1 Hard Copy and 1 Digital Copy of the SWMP.
- 1 Digital Copy of the modeling files used for the SWMP.
- 1 Digital CAD file including survey point files.
- Meetings with Village Staff as needed.
- Meetings with Village Board and Parks Committee for assistance with final presentation of the grading and drainage plans.

**D. Schedule**

1. The intent of the Project is to be bid in late Spring 2023 with construction occurring in summer/fall of 2023.

**E. Assumptions/Conditions**

This agreement is subject to the following assumptions/conditions:

1. This Agreement and any legal actions concerning its validity, interpretation and performance shall be governed by the laws of the State of Wisconsin.

**PART II**  
**CLIENT'S RESPONSIBILITIES**

Client shall, at its expense, do the following in a timely manner so as not to delay the Services:

**A. Information/Reports**

Provide Clark Dietz with reports, studies, site characterizations, regulatory decisions and similar information relating to the Services that Clark Dietz may rely upon without independent verification unless specifically identified as requiring such verification.

**B. Representative**

Designate a representative for the project who shall have the authority to transmit instructions, receive information, interpret and define Client's requirements and make decisions with respect to the Services. **The Client representative for this Agreement will be Ryan Schmidt, PE, Village Engineer.**

**C. Decisions**

Provide all criteria and full information as to Client's requirements for the Services and make timely decisions on matters relating to the Services.

## **PART III**

### **COMPENSATION**

#### **A. Compensation**

1. Total compensation to Clark Dietz for services rendered on the Project in accordance with PART I, SERVICES of this Agreement will be \$30,250, to be invoiced on an hourly basis.
2. The hourly rates billed includes salaries, payroll taxes and insurance, employee fringe benefits, general overhead costs, profit, and project related expenses.

#### **B. Billing and Payment**

1. Timing/Format
  - a. Invoices shall be submitted monthly. Invoices shall be considered past due if not paid within 45 calendar days of the date of the invoice. Such invoices shall be prepared in a form supported by documentation required by the Client.
2. Billing Records

Clark Dietz shall maintain accounting records of its costs in accordance with generally accepted accounting practices. Access to such records will be provided during normal business hours with reasonable notice during the term of this Agreement and for 3 years after completion.

## PART IV STANDARD TERMS AND CONDITIONS

1. **STANDARD OF CARE.** Services shall be performed in accordance with the standard of professional practice ordinarily exercised by the applicable profession at the time and within the locality where the services are performed. No warranty or guarantee, express or implied is provided, including warranties or guarantees contained in any uniform commercial code.
2. **CHANGE OF SCOPE.** The Scope of Services set forth in this Agreement is based on facts known at the time of execution of this Agreement, including, if applicable, information supplied by Clark Dietz and Client. Clark Dietz will promptly notify Client of any perceived changes of scope in writing and the parties shall negotiate modifications to this Agreement.
3. **DELAYS.** If events beyond the control of Clark Dietz, including, but not limited to, fire, flood, explosion, riot, strike, war, process shutdown, act of God or the public enemy, and act or regulation of any government agency, result in delay to any schedule established in this Agreement, such schedule shall be extended for a period equal to the delay. In the event such delay increases the cost or time required for Clark Dietz to perform its services, Clark Dietz shall be entitled to an equitable adjustment in compensation and extension of time.
4. **TERMINATION/SUSPENSION.** Either party may terminate this Agreement upon 30 days written notice to the other party in the event of substantial failure by the other party to perform in accordance with its obligations under this Agreement through no fault of the terminating party. Client shall pay Clark Dietz for all Services, including profit relating thereto, rendered prior to termination, plus any expenses of termination.
5. **REUSE OF INSTRUMENTS OF SERVICE.** All reports, drawings, specifications, computer data, field data notes and other documents prepared by Clark Dietz as instruments of service shall remain the property of Clark Dietz. Clark Dietz shall retain all common law, statutory and other reserved rights, including the copyright thereto. Reuse of any instruments of service including electronic media, for any purpose other than that for which such documents or deliverables were originally prepared, or alteration of such documents or deliverables without written authorization or adaptation by Clark Dietz for the specific purpose intended, shall be at Client's sole risk.
6. **ELECTRONIC MEDIA.** In accepting and utilizing any drawings, reports and data on any form of electronic media generated and furnished by Clark Dietz, the Client agrees that all such electronic files are instruments of service of Clark Dietz, who shall be deemed the author, and shall retain all common law, statutory law and other rights, without limitation, including copyrights.

The Client agrees not to reuse these electronic files, in whole or in part, for any purpose other than for the Project. The Client agrees not to transfer these electronic files to others without the prior written consent of Clark Dietz. The Client further agrees that Clark Dietz shall have no responsibility or liability to Client or others for any changes made by anyone other than Clark Dietz or for any reuse of the electronic files without the prior written consent of Clark Dietz.

Any changes to the electronic specifications by either the Client or Clark Dietz are subject to review and acceptance by the other party. If Clark Dietz is required to expend additional effort to incorporate changes to the electronic file specifications made by the Client, these efforts shall be compensated for as Additional Services.

In addition, the Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless Clark Dietz, its officers, directors, employees and subconsultants (collectively, Clark Dietz) against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising from any changes made by anyone other than Clark Dietz or from any use or reuse of the electronic files without the prior written consent of Clark Dietz.

The Client is aware that differences may exist between the electronic files delivered and the printed hard-

copy construction documents. In the event of a conflict between the signed construction documents prepared by Clark Dietz and electronic files, the signed or sealed hard-copy construction documents shall govern.

7. **OPINIONS OF CONSTRUCTION COST.** Any opinion of construction costs prepared by Clark Dietz is supplied for the general guidance of the Client only. Since Clark Dietz has no control over competitive bidding or market conditions, Clark Dietz cannot guarantee the accuracy of such opinions as compared to contract bids or actual costs to Client.

8. **SAFETY.** Clark Dietz specifically disclaims any authority or responsibility for general job site safety and safety of persons other than Clark Dietz employees.

9. **RELATIONSHIP WITH CONTRACTORS.** Clark Dietz shall serve as Client's professional representative for the services and may make recommendations to Client concerning actions relating to Client's contractors. Clark Dietz specifically disclaims any authority to direct or supervise the means, methods, techniques, sequences or procedures of construction selected by Client's contractors.

10. **THIRD PARTY CLAIMS.** Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Client or Clark Dietz. Clark Dietz's services under this Agreement are being performed solely for the Client's benefit, and no other party or entity shall have any claim against Clark Dietz because of this Agreement or the performance or nonperformance of services hereunder. The Client and Clark Dietz agree to require a similar provision in all contracts with contractors, subcontractors, subconsultants, vendors and other entities involved in this Project to carry out the intent of this provision.

11. **MODIFICATION.** This Agreement, upon execution by both parties hereto, can be modified only by a written instrument signed by both parties.

12. **PROPRIETARY INFORMATION.** Information relating to the Project, unless in the public domain, shall be kept confidential by Clark Dietz and shall not be made available to third parties without written consent of Client, unless so required by court order.

13. **INSURANCE.** Clark Dietz will maintain insurance coverage for Professional, Comprehensive General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with legal, and Clark Dietz business requirements. Certificates evidencing such coverage will be provided to Client upon request. For projects involving construction, Client agrees to require its construction contractor, if any, to include Clark Dietz as an additional insured on its commercial general liability policy relating to the Project, and such coverages shall be primary.

14. **INDEMNITIES.** Clark Dietz agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Client, its officers, directors and employees against all damages, liabilities or costs, to the extent caused by Clark Dietz' negligent performance of professional services under this Agreement and that of its subconsultants or anyone for whom Clark Dietz is legally liable.

The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless Clark Dietz, its officers, directors, employees and subconsultants against all damages, liabilities or costs, to the extent caused by the Client's negligent acts in connection with the Project and that of its contractors, subcontractors or consultants or anyone for whom the Client is legally liable.

Neither the Client nor Clark Dietz shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence.

15. **LIMITATIONS OF LIABILITY.** In recognition of the relative risks and benefits of the Project to both the Client and Clark Dietz, the risks have been allocated such that the Client agrees, to the fullest extent permitted by law, to limit the liability of Clark Dietz and their officers, directors, partners, employees, shareholders, owners and subconsultants for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, including attorneys' fees and costs and expert-witness fees and costs, so that the total aggregate liability of Clark Dietz and their officers, directors, partners,

employees, shareholders, owners and subconsultants shall not exceed Clark Dietz's total fee for services rendered on this Project, or \$ 250,000 , whichever is greater. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

16. **CONSEQUENTIAL DAMAGES.** Notwithstanding any other provision of this agreement, and to the fullest extent permitted by law, neither the Client nor Clark Dietz, their respective officers, directors, partners, employees, contractors or subconsultants shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the Project or to this Agreement. This mutual waiver of consequential damages shall include, but is not limited to, loss of use, loss of profit, loss of business, loss of income, loss of reputation and any other consequential damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract and breach of strict or implied warranty. Both the Client and Clark Dietz shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this project.

17. **ACCESS.** Client shall provide Clark Dietz safe access to the project site necessary for the performance of the services.

18. **ASSIGNMENT.** The rights and obligations of this Agreement cannot be assigned by either party without written permission of the other party. This Agreement shall be binding upon and inure to the benefit of any permitted assigns.

19. **HAZARDOUS MATERIALS.** Clark Dietz and Clark Dietz' consultants shall have no responsibility for discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials in any form at the project site, including but not limited to asbestos, asbestos products, polychlorinated biphenyl (PCB) or other toxic substances. If required by law, the client shall accomplish all necessary inspections and testing to determine the type and extent, if any, of hazardous materials at the project site. Prior to the start of services, or at the earliest time such information is learned, it shall be the duty of the Client to advise Clark Dietz (in writing) of any known or suspected hazardous materials. Removal and proper disposal of all hazardous materials shall be the responsibility of the Client.

20. **REMODELING AND RENOVATION.** For Clark Dietz' services provided to assist the Client in making changes to an existing facility, the Client shall furnish documentation and information upon which Clark Dietz may rely for its accuracy and completeness. Unless specifically authorized or confirmed in writing by the Client, Clark Dietz shall not be required to perform or have others perform destructive testing or to investigate concealed or unknown conditions. The Client shall indemnify and hold harmless Clark Dietz, Clark Dietz' consultants, and their employees from and against claims, damages, losses and expenses which arise as a result of documentation and information furnished by the Client.

21. **CLIENT'S CONSULTANTS.** Contracts between the Client and other consultants retained by Client for the Project shall require the consultants to coordinate their drawings and other instruments of service with those of Clark Dietz and to advise Clark Dietz of any potential conflict. Clark Dietz shall have no responsibility for the components of the project designed by the Client's consultants. The Client shall indemnify and hold harmless Clark Dietz, Clark Dietz' consultants and their employees from and against claims, damages, losses and expenses arising out of services performed for this project by other consultants of the Client.

22. **NO WAIVER.** No waiver by either party of any default by the other party in the performance of any particular section of this Agreement shall invalidate another section of this Agreement or operate as a waiver of any future default, whether like or different in character.

23. **SEVERABILITY.** The various terms, provisions and covenants herein contained shall be deemed to be separate and severable, and the invalidity or unenforceability of any of them shall not affect or impair the validity or enforceability of the remainder.

24. **STATUTE OF LIMITATION.** To the fullest extent permitted by law, parties agree that, except for claims for indemnification, the time period for bringing claims under this Agreement shall expire one year after Project Completion.



25. DISPUTE RESOLUTION. In the event of a dispute arising out of or relating to this Agreement or the services to be rendered hereunder, Clark Dietz and the Client agree to attempt to resolve such disputes in the following manner: First, the parties agree to attempt to resolve such disputes through direct negotiations between the appropriate representatives of each party. Second, if such negotiations are not fully successful, the parties agree to attempt to resolve any remaining dispute by formal nonbinding mediation conducted in accordance with rules and procedures to be agreed upon by the parties.

PROPOSAL

# Crawford Park Master Grading and Drainage Plan



**Village of Caledonia, WI**

December 5, 2022

**Proposal Contact:**

Mustafa Emir, PhD, PE  
759 N. Milwaukee Street  
Ste. 624, Milwaukee, WI 53202  
414.315.1933  
mustafa.emir@clarkdietz.com

**Clark>Dietz**

Engineering Quality of Life®



December 5, 2022

Ryan Schmidt, PE  
Village Engineer  
Village of Caledonia  
5043 Chester Lane  
Caledonia WI 53402

RE: Proposal – Crawford Park Master Grading and Drainage Plan

Dear Mr. Schmidt:

This proposal presents a summary of Clark Dietz's professional qualifications to execute the 2 Crawford Park Master Grading and Drainage Plan. Clark Dietz has successfully delivered the 2022 Maintenance Project and we have maintained the same team of professionals to serve you once again.

Wherever we work, we strive to deliver meaningful projects, and we pride ourselves in being accountable to the government and the public. We believe we were able to demonstrate that during the planning and design of the Public Safety Building.

I hope you would agree that our Civil Engineering staff, led by our Team Leader CJ Beyer, demonstrated our values and attention to quality while treating you and the Village with utmost respect. This is the way we will approach our work if we are selected for the Crawford Park Master Grading and Drainage project.

Our team is super familiar with Crawford Park, having worked at the south end. In addition, our experience and familiarity with this parcel goes back many years, to the time of the 2006 Stormwater Management Plan. Our approach to this project rests on three foundations:

- 1. Situational Awareness:** This is a multi-year project, and the community has high expectations. We must give the Village financial flexibility while demonstrating progress in the park. Drainage challenges are significant – flat topography, nearby residential neighborhoods, and portions of the parcel adverse to BMP flexibility.
- 2. Disciplined Project Management:** We know that you would prefer to direct your money to construction. We are sensitive to the price pressures you are experiencing and will focus on managing our work to deliver our promises with no amendments or fee increases.
- 3. No surprises: Absolutely none.** Our way is to be responsive, fast acting, and honest. We look to getting this grading plan done in such a way that, 2 years from now, when the 4-season shelter is being built, nobody hits a drain tile or finds that the finished-floor elevation is off by a foot.

Thank you for your consideration of our proposal. We remain 100 percent committed to maintaining your trust.

Sincerely,  
Clark Dietz, Inc.

Mustafa Emir, PhD, PE  
Executive Vice President  
414.315.1933  
mustafa.emir@clarkdietz.com

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# Section 1



## Firm Background





## ABOUT US

Clark Dietz, Inc. is a multi-disciplined consulting engineering firm operating from offices in Illinois, Indiana, Kentucky and Wisconsin. Our primary areas of service include civil and environmental infrastructure, transportation, structural, mechanical, and electrical engineering.

## OUR PHILOSOPHY

As experienced consultants, we serve as trusted advisors to our clients. As partners, we become fully vested in achieving their goals. We believe in serving our clients to our utmost capacity, period. We operate with integrity, foster collaboration, and expect excellence in all we do. For more than 60 years we have built a reputation for the integrity of our work, our actions, and our results. With an unwavering commitment to our clients, we stand behind everything we do.

## DIVERSITY

We are proud of our diverse professional staff. Approximately 30 percent of our workforce consists of minority or female employees; they also represent over 30 percent of our shareholders. Additionally, we have established annual scholarships for minorities with the University of Illinois at Urbana-Champaign, University of Illinois at Chicago, University of Wisconsin-Platteville, Purdue University-IN, and the Rose-Hulman Institute of Technology.

## SUSTAINABILITY

Nature's most precious assets need our protection and we take this responsibility seriously. Our specialists in environmental science, green infrastructure, and our LEED Accredited professionals thoroughly assess the impact a design may have on energy consumption, waterways, habitat, vegetation, and water quality. At Clark Dietz, we are fully committed to optimizing the benefits of sustainability in every solution we design.

## OUR HISTORY

Our roots go back to the 1940's to three University of Illinois Engineering professors; James Clark, Eugene Daily, and Jess Dietz. These three formalized their association by incorporating in 1953. By the late 1970s Clark Dietz was a recognized leader among Midwest-based civil engineering companies serving clients from seven regional offices. The original owners sold the firm and it was ultimately owned by CRS Sirrione, one of the nation's largest engineering and architectural firms. Through an employee buy-out of the Champaign office and the name, Clark Dietz again became a privately held corporation in 1987. Employee ownership has been a key factor in the success of the firm, with approximately 30 percent of current employees now owning stock in the company and all employees participating through an ESOP. Today Clark Dietz employs more than 120 professionals in 10 offices.



## OUR SERVICES

*Infrastructure goes beyond the functional. It is the foundation that connects people, revitalizes communities, spurs economic growth, and protects the environment.*

*It is what we do, who we are, and why we serve.*

MUNICIPAL  
WATER, WASTEWATER, STORMWATER  
TRANSPORTATION  
ELECTRICAL  
MECHANICAL  
STRUCTURAL

## OUR LOCATIONS

### MILWAUKEE, WI

759 N. Milwaukee Street, Suite 624  
Milwaukee, WI 53202  
414.727.4990

### KENOSHA, WI

625 57th Street, 6th Floor  
Kenosha, WI 53140  
262.657.1550

### WAUSAU, WI

500 N. 3rd Street, Suite 703  
Wausau, WI 54403  
715.845.1333

### OAKBROOK TERRACE, IL

1815 S. Meyers Road, Suite 470  
Oakbrook Terrace, IL 60181  
630.413.4130

### CHAMPAIGN, IL

125 W. Church Street  
Champaign, IL 61820  
217.373.8900

### CHICAGO, IL

118 S. Clinton Street, Suite 570  
Chicago, IL 60661  
312.648.9900

### EVANSVILLE, IN

21 SE 3rd Street, Suite 200  
Evansville, IN 47708  
812.471.4802

### INDIANAPOLIS, IN

8900 Keystone Crossing, Suite 475  
Indianapolis, IN 46240  
317.844.8900

### NEW ALBANY, IN

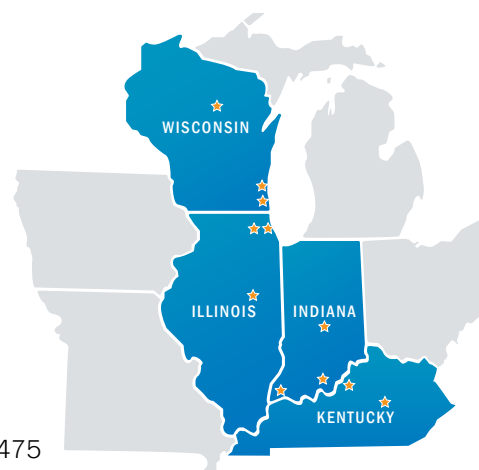
120 West Spring Street, Suite 400  
New Albany, IN 47150  
812.725.8595

### LOUISVILLE, KY

312 S. Fourth Street, Suite 700  
Louisville, KY 40202  
502.587.1748

### LEXINGTON, KY

1040 Monarch Street, Suite 200  
Lexington, KY 40513  
859.286.1140



# Municipal Engineering



At Clark Dietz, we understand how vital infrastructure is to people. We never forget the importance of those who rely on it. As municipal engineers, our actions support our client's best interests, representing the values and the standards of the community at all times.

## MUNICIPAL ENGINEER

- Board Meetings
- Staff Consultant
- Citizen's Contact
- Consultant Oversight
- Public Involvement

## ASSISTING BUILDING DEPARTMENT AND PUBLIC WORKS DEPARTMENT

- Permitting Reviews
- Escrow Compliance
- Roadway Maintenance
- Ordinance Updates and Reviews
- Storm, Sewer and Water Main Maintenance
- Sanitary Sewer Collection Systems

## DEVELOPMENT REVIEW

- Engineering Review
- Code/Ordinance Compliance
- Land Use Plan Compliance
- Escrow Requirements
- Permitting Requirements

## CONSTRUCTION SERVICES

- Construction Letting
- Awards and Contracting
- Construction Observation
- Pay Request and Change Order Processing
- Preparation of Punch Lists and Assurance of Completion of Punch List Items
- Recommendations to Village for Acceptance of Improvements

## REGULATORY COMPLIANCE AND REPORTS

- WDNR NR216 Reporting
- WDNR CMAR Reporting
- MMSD CMOM Reporting
- MMSD Chapter 13 Reporting
- WisDOT Local Program Funding
- WisDOT Roadway Inventory
- CDBG Funding

# Site/Civil Engineering



Clark Dietz has the broad range of capabilities needed for site civil engineering services in today's environmentally and politically complex environment. Quality surface transportation and environmental sensitivity are essential to the economic vitality and quality of life in our communities.

Site development for major facilities typically involves multiple stakeholders and Clark Dietz has the experience with Context Sensitive Solutions methodology used by Illinois Department of Transportation to help facilitate stakeholder communication regarding site development issues. Our staff is up to date with the ever-changing stormwater regulatory issues and emerging sustainable solutions to provide sustainable site development.

## SITE DEVELOPMENT

- Master Planning
- Topo/Legal Survey
- Streetscaping
- Water Distribution
- Sewer Collection
- Stormwater Detention
- Parks / Trails

## ROADWAYS/TRAFFIC

- Traffic Impact Studies
- Alignment Studies
- Street Design
- Parking Lots
- Traffic Calming
- Pedestrian/Bike Paths
- Accident/Conflict Studies

# Stormwater



The management of stormwater has a direct impact on public safety, land values, and the overall economic and environmental health of a community.

Our engineers employ a focused approach to stormwater management, identifying targeted, cost-effective solutions that benefit key stakeholders. Our experience runs from master planning through design and construction, providing sustainable solutions that include identification of funding sources to make projects possible.

Our staff is up to date with ever-changing stormwater regulatory issues and emerging technologies. Our technical professionals are experts in advanced hydrologic and hydraulic modeling, using the latest tools to provide our clients with the answers they need to enhance their stormwater systems.

## WATERSHED MASTER PLANNING

- Capital improvement programs
- Sewer system modeling
- Floodplain delineation
- Riverine system analysis
- Stream bank restoration
- Stakeholder involvement

## MODELING EXPERTISE

- SWMM
- HEC-HMS/HEC-RAS
- TR-20/HY8
- GIS-based applications

## PROJECT IMPLEMENTATION

- Design services
- Construction administration
- Project funding assistance
- Program funding (stormwater utilities)



## OVERVIEW OF OUR SERVICES

### CIVIL ENGINEERING AND STORMWATER MANAGEMENT

Clark Dietz provides civil engineering services including site survey, engineering design and post design services such as staking and construction inspection. We provide these services to public and private clients, including local government, State Governments, and institutional entities such as School Districts, Park Districts and WEC.

Our stormwater services include reports, drainage studies, local code compliance, and local government permitting activities for construction.

### ADA REQUIREMENTS

Nearly 100 percent of Clark Dietz's civil design products include ADA compliance, both within buildings and all outdoor facilities including sidewalks, walkways, park and recreation facility access points, building access points, recreational trails, boardwalks, and other facilities with non-vehicular access.

### PARKING LOT – WORK YARD LAYOUT; TRAFFIC FLOW

Clark Dietz provides start-to-finish design products for government and institutional workspaces, including yards, parking lots, storage areas, salt sheds, bulk material handling areas, etc. Our services include both internal layout and design and access from nearby roadways, driveways, and traffic impact studies affecting public roads near facilities.

### ASPHALT AND CONCRETE PAVEMENT DESIGN

As a roadway and highway design firm, Clark Dietz provides comprehensive asphalt and concrete pavement design services for anticipated use, loading, and wear conditions encountered in driving or storage surfaces.

### EROSION CONTROL DESIGN

100 percent of our design products include an Erosion Control Plan, universally required for construction activity in all of our practice jurisdictions. In several of our offices, Clark Dietz personnel also enforce local Erosion Control codes – receiving, reviewing and enforcing erosion control ordinances ON BEHALF of the communities we serve. Clark Dietz staff have also authored about a dozen erosion control ordinances for use within our client communities in Wisconsin.

### SITE SURVEYING

Clark Dietz provides full-service site survey, topographic mapping, property surveys, construction staking, and as-built survey services throughout our service geography.

### STRUCTURAL ENGINEERING

Clark Dietz provides full structural engineering services for public and private clients. Our work includes bridges, retaining walls, underground storage tanks and vaults, water towers, cell phone antennas and similar.

### ELECTRICAL ENGINEERING

Clark Dietz has a strong electrical engineering team with four individuals holding State Professional Engineering licensure. Our lighting services include work yard lighting, street lighting, athletic field lighting, and airport lighting. In this capacity, we serve local government as well as State agencies for education facilities and correctional institutions.

In addition to lighting, our services to the State of Wisconsin include the design of security systems in the context of correctional facilities such as Lincoln Hills and Green Bay Correctional. Many of our clients who procure fire stations, police stations, or municipal building also rely on Clark Dietz's security camera expertise.

## COST ESTIMATING

Clark Dietz, as a consultant to local government, has a strong practice of capital budgeting, cost estimating and project planning services in infrastructure. Engineers in each of our locations are routinely and intimately involved in fiscal projection and planning activities for capital expenditures.

## ENGINEERING PLANS AND SPECIFICATIONS

Nearly 100 percent of our professional products include construction ready plans and specifications used for public bidding purposes. In cases where public bidding is not used, Clark Dietz will produce construction ready documents for contracting purposes as directed by the owner. In these instances, it is customary to have the plan set tailored to the needs of the selected contractor and significant cost savings in engineering effort may be achieved.

## CONSTRUCTION INSPECTION AND CONTRACT ADMINISTRATION

Clark Dietz construction services include combinations of full-time construction inspection, resident engineering, and contract administration services for local governments and public agencies including Illinois Department of Transportation, Tri-State Tollway Authority, and State of Wisconsin Facilities.

Clark Dietz provides these services with in-house staff, specially trained for this work, including necessary certifications where applicable.

## PERMIT APPLICATIONS

One of Clark Dietz's strengths is our understanding and familiarity with local and state permit requirements in Wisconsin and Illinois. State highway access permits, natural resource permits, and erosion control permits are some of the most commonly encountered requirements.

Clark Dietz is your go-to consultant to navigate this sometimes complicated and always time-consuming phase of the project.

## AS-BUILT DRAWINGS - RECORD DRAWINGS

When directed to do so, our field staff, including construction inspectors and surveyors, are familiar with the protocols and requirements of creating as-built and record drawings for the owner. Whenever we are assigned a construction management task, this step is almost always included, and Clark Dietz has the required expertise to deliver the as-built product.



# Richard E. Maslowski Park Site Grading, Pavement, and Stormwater Management Design

Glendale, WI



**PROJECT DURATION**  
7/1/2014 - 7/31/2015

**PROJECT TEAM**  
Emily Basalla, PE, CFM  
Christopher Beyer, PE  
Mustafa Emir, PhD, PE  
Brandon Flunker, PE, CFM  
Thomas Foley, PE  
Kevin Risch, PE  
Owen Sharp  
Andrew Torola

**OWNER CONTACT**  
Charlie Imig  
Director of Public Works  
City of Glendale  
414.228.1746  
c.imig@glendalewi.gov

An abandoned landfill had long existed at the west end of Bender Road as open space in the City of Glendale. The City of Glendale and Nicolet High School wished to jointly pursue the development of the Bender Recreational Complex as a multi-use park area with an access road, three ball fields, and an outdoor amphitheater with a playground. Clark Dietz worked in conjunction with the City, an Architect on behalf of the School District, and a Consultant leading the landfill closure, to develop plans for the open site that would meet the desires of the municipality and school. The plan was able to make the best use of the site while providing an access roadway and allowing the continued monitoring and methane venting of the closed landfill.

Clark Dietz was also responsible for the design of an access road, watermain, sanitary sewer, and storm drainage services into and through the complex. The presence of waste cells throughout the site greatly impacted the utility layout and site grading plan. The utilities had to be routed to leave the cells undisturbed. The grading plan ensured that there was no net gain or loss of fill on the site, while also leaving the six foot clay cap intact above the garbage cells. Clark Dietz also submitted documents for regulatory approvals to the Southeast Wisconsin Regional Planning Commission and the Wisconsin Department of Natural Resources.

Clark Dietz designed the water main on-site to loop two existing stubs in the distribution system. Sanitary sewers were also extended to the complex from two different locations. The storm drainage system serves the drainage needs of the access drives and parking lots within the complex. The system is unique in its design since it mostly consists of overland flow due to the inability to trench storm sewer through the cells. Clark Dietz prepared and permitted the Stormwater Management Plan (SWMP) through the City of Glendale and the Milwaukee Metropolitan Sewerage District (MMSD). The SWMP addressed the entire site and included design of two ponds connected by a 600-ft discharge pipe, underground storage beneath the ball fields, and a biofilter. Scope included 3200 TON of 1 ¼ in Base Aggregate, 1300 TON of Asphalt, 2,000 LF of Concrete Curb, 365 LF of 8" Sanitary Sewer, 1000 LF of 8" Watermain, 345 LF of Storm Sewer.

Clark Dietz also secured grant funding in the amount of \$43,000 through a program called Green Solutions for Separate Infrastructure & Sewer Separation (GSSISS) as administered by MMSD. This grant helped to offset additional costs associated with the biofilter, while also providing an opportunity for the City to implement Green Infrastructure technology in an area with complex stormwater challenges.

# Public Safety Building Site Grading, Pavement, and Stormwater Management Design

Caledonia, WI



**SIZE**  
13 Acres

**PROJECT DURATION**  
11/1/2021 - Present

**PROJECT TEAM**  
Emily Basalla, PE, CFM  
Christopher Beyer, PE  
Devin Carlson  
Brandon Flunker, PE, CFM  
Adam Latusek  
Benjamin Metzler, PE  
Nirav Patel, PE  
Kevin Risch, PE  
Andrew Torola

**OWNER CONTACT**  
Mark Price  
FGM Architects  
MarkP@fgmarchitects.com

**CLIENT CONTACT**  
Andrew Mayo  
FGM Architects  
414.346.7284  
AndrewM@fgmarchitects.com

The Village of Caledonia has been in the process of developing an existing farm field into a Village Campus. The area is generally nestled between existing commercial and residential areas, so public involvement has been key to overall project success. The development had already included the Village Hall building, parking lot and stormwater facilities constructed in 2017, as well as the first stages of Crawford Park. The next phase of the Village Campus was to include a Public Safety building which covered approximately 13 acres of undeveloped farm land. The new building would be approximately 52,000 square feet which would include police, fire and shared office areas. Clark Dietz worked jointly with the Village of Caledonia and an Architect to develop plans for this next phase of the Village Campus.

Clark Dietz was responsible for developing the next phase of the Village Campus site which included overall site grading, stormwater management facilities, site drainage, roadway improvements, parking lots, sidewalks, landscaping, and utility work. The existing stormwater management facilities and existing Village Hall building were incorporated into this phase. A significance piece to this project was to ensure that the proposed Public Safety Building, parking lot and roadway configuration, as well as stormwater management facilities met seamlessly with the existing stormwater facilities and existing Village Hall building. The overall grading plan took into account proposed building finished floor elevations, parking and roadway grades, stormwater ponds, as well as existing and proposed drainage patterns. Significant site grading for ponds excavations, parking lots and access roadways were needed; however, the site was designed to eliminate the need to haul spoils on or off the site.

Clark Dietz prepared and permitted the Stormwater Management Plan (SWMP) through the Village of Caledonia. SWMP included two new wet ponds that hydraulic

connected into the existing Village Hall wet pond. The total suspended solids (TSS) and stormwater runoff release rate requirements were met by the use of those two wet ponds which accounted for approximately 270,000 cubic feet of stormwater storage volume. An additional 0.5 acre outlot was included in the SWMP for the future development of multi-family dwellings. The stormwater facilities were uniquely designed to ensure all existing and new stormwater management facilities functioned as an extension of each other.

Clark Dietz also designed all storm sewer, as well as water service and sanitary laterals for the Public Safety building improvements. The storm drainage system serves the access drives, parking lots, and stormwater management facilities within this phase of the Village Campus development. Scope included 550 LF of 8" Sanitary Sewer, 900 LF of 8" Watermain, 800 LF of varying in size (6"-30") Storm Sewer.

# David Hobbs Honda Site Grading, Pavement, and Stormwater Management Design

Glendale, WI



**PROJECT DURATION**  
8/1/2017 - 11/8/2017

**PROJECT TEAM**  
Andrew Ashley, PE  
Emily Basalla, PE, CFM  
Mustafa Emir, PhD, PE  
Brandon Flunker, PE, CFM  
Andrew Torola

**OWNER CONTACT**  
Greg Hobbs  
David Hobbs Honda  
414.800.3001

Clark Dietz provided design and construction services for a vehicle storage area in a newly acquired land east of the existing dealership of David Hobbs Honda. Parking lot layout and pavement design services were performed.

The design included building a parking surface on a layer of 2 to 3 feet of refuse. Clark Dietz developed a pavement plan that drained the paved surface to the pond in accordance with the approved stormwater management plan. Clark Dietz also connected the new surface to existing property in accordance with vehicle movement requirements/desires.

Clark Dietz assisted in coordinating the perimeter fencing to the north to match the desired appearance for neighbors. Clark Dietz also prepared specifications for paving the vehicle storage area and assisted in selecting and executing work by the contractor.

Clark Dietz provided lighting design that included providing layout and specifications to light the proposed lot. Included were lighting controls that minimized neighborhood impact as well and impact to energy bills. Clark Dietz's design included neighborhood sensitive products and operation recommendations.

WDNR permits were submitted by Clark Dietz for impervious surface creation.



# Site Grading, Pavement, and Stormwater Management Design

Sunvest Solar LLC, Various Locations



## PROJECT DURATION

5/4/2020 to Present

## PROJECT TEAM

Mustafa Emir, PhD, PE  
 Tonia Westphal, PE, LEED AP  
 Steve Myers, LC, LEED AP  
 Emily Basalla, PE, CFM  
 Ben Metzler, PE  
 Brandon Flunker, PE, CFM  
 Andy Ashley, PE  
 Greg Schanen, PE  
 Ike Dolan, PE  
 CJ Beyer, PE  
 Adam Latusek  
 Andy Torola  
 Kendrick Payne, PE, LEED AP  
 Nirav Patel, PE  
 Lisa Zahrt, PE, LEED AP  
 Scott Kauzlaric, PE  
 Sean Marzano, SE, PE

## OWNER CONTACT

Ryan Shannon  
 Vice President of Design and  
 Engineering  
 SunVest Solar, LLC  
 262.547.1200  
 rshannon@SunVest.com

SunVest Solar is a solar development company, helping building owners invest in sustainable solar energy. Clark Dietz works with the SunVest Solar, delivering civil and solar engineering projects across multiple states. Our team has helped manage projects running concurrently throughout several states. Most projects are design/build including civil, electrical, and structural design, engineering, consulting services and construction phase services for the construction of new ground mount or roof mounted, tracking type PV systems. Our services typically include providing:

- Creation of plans with topography and specifications
- Drainage design
- New Access Road design and perimeter fencing design
- Electrical engineering including designing site electrical plans with detailed layout of solar array equipment
- Coordination study, fault current, and arc flash studies
- Structural analysis and design
- Preparation of IFC documents
- Communication one-line diagrams
- Civil and electrical equipment installations detail
- Construction survey layout
- Permitting assistance
- SWPPP inspections

## Project locations include:

- Harley Davidson Powertrain Operations Facility, 2.9 MW Solar DC rooftop, fixed mounted PV System, Menomonee Falls, WI
- University of Wisconsin - Parkside 2.8 MW Solar Array Installation, Kenosha, WI
- Lily Lake Community 2.9 MW Solar Garden, Maple Park, IL
- Jones Dairy 2.8 MW Solar Array Installation, Fort Atkinson, WI
- Glenwood 2.6 MW Solar Array Installation, Chicago Heights, IL
- Mazon 2.6 MW Solar Array Installation, Morris, IL
- Discovery World 275 kW Solar Roof Structural Analysis, Milwaukee, WI
- Incobrasa Soybean Processing Facility, 5 MW Solar Array Installation, Gilman, IL
- Talty 1, 2 and 3 3 MW Solar Installation, Streator, IL
- Baileyville 1 and 2, Baileyville 2.9 MW Ground Mount Solar, Baileyville, IL



# Campuswide Drainage Improvement Master Plan

Parkland College, Champaign, IL



**CONSTRUCTION COST**  
\$10,374,000

**TOTAL PROJECT COST**  
\$11,474,000

**OWNER CONTACT**  
James Bustard  
Physical Plant Director  
Parkland College  
217.351.2211  
jbustard@parkland.edu

The Master Plan identified and corrected Parkland College's campus-wide surface and subsurface stormwater drainage problems and identified corrective measures with respect to ADA non-compliance and emergency vehicle and service vehicle access. Infrastructure deficiencies were identified with the goal of reducing and/or eliminating these problem areas in order to provide safe and efficient travel ways for both vehicles and pedestrians.

A program of proposed improvements was developed which addressed each of the five major categories of deficiency identified by the engineering database: drainage, safety, access, ADA compliance, and pavements. Specific goals were adopted to guide in the remediation of each area of deficiency.

The improvement program was organized into a series of annual phases based upon the urgency of the needed repairs or restorations and the anticipated magnitude of annual funding. The resulting schedule provided an overview of the areas to be improved during each annual phase as well as a preliminary annual cost estimate. Typical improvements include:

- Drainage improvements and construction of a new west entrance road.
- Reconstruction of existing roadways, parking lots and sidewalks.
- Various drainage improvements including on-site detention basins to accommodate planned building and site expansions and the allowance for oversizing for stormwater storage.
- Site civil services including coordination with architects for design and construction of various building expansions.

# Prairie Springs Park Grading, Pavement, and Stormwater Management Design

Pleasant Prairie, WI



## PROJECT TEAM

Mustafa Emir, PhD, PE  
Emily Basalla, PE, CFM  
Brandon Flunker, PE, CFM  
Andy Ashley, PE  
CJ Beyer, PE  
Andy Torola

## OWNER CONTACT

Thomas Hupp  
Manager of Technical Support  
Village of Pleasant Prairie  
262.925.6769  
thupp@pleasantprairiewi.gov

The RecPlex is the largest municipal recreation facility in America. It is located on the shores of Lake Andrea in Prairie Springs Park, Pleasant Prairie, WI. Due to heavy use and deterioration, the Village needed to reconstruct the large parking lot there, also wishing to improve on site drainage and adding new sidewalk that led to a shared use path.

Clark Dietz was hired to provide site civil engineering services. These services included design and bidding related services for the expansion and reconstruction of the Terwall Terrace Parking Lot. The existing parking lot was reconfigured to allow for future buildings along Terwall Terrace. The improvements included new curb and gutter and a new parking lot layout. In addition, the existing gravel parking area adjacent to the parking lot was improved with asphalt pavement, new curb and gutter and a site drainage plan. Due to the size of the project, total suspended solids removal practices were implemented.

Services performed included Topographic Survey, preliminary site design, stormwater management plan including grading and storm sewer plan, and final design.

# Municipal Aquatic Center Grading, Pavement, and Stormwater Management Design

Merrill, WI



**CONSTRUCTION COST**  
\$1,500,000

**SIZE**  
2,060 SF

## PROJECT TEAM

Tonia Westphal, PE, LEED AP  
Emily Basalla, PE, CFM  
CJ Beyer, PE  
Brandon Flunker, PE, CFM  
Steve Myers, LC, LEED AP  
Andy Ashley, PE  
Kendrick Payne, PE, LEED AP  
Nirav Patel, PE  
Lisa Zahrt, PE, LEED AP  
Nirav Patel, PE

## OWNER CONTACT

Daniel Wendorf  
Director of Parks and Recreation  
City of Merrill  
715.536.7313  
dan.wendorf@ci.merrill.wi.us

The Merrill Municipal outdoor pool is a public swimming facility that has a large pool with various areas of activities for all ages including slides, lap pools and play area. The bathhouse facility includes a ticketing area, cash room, first aid room, lockers and shower spaces, and quick service food station.

Clark Dietz was part of an architect led team that provided design and construction phase services including site civil, building, pool and site lighting, mechanical and plumbing. The system designs included energy efficient instantaneous gas fired water heaters, chemical room ventilation systems, LED lighting, storm water pump station, site storm water design, and control equipment.

- Potable water and sanitary sewer connections, storm sewer and access path, including stormwater management plan.
- Bathhouse facilities for men and women featuring water saving fixtures.
- Instantaneous gas fired energy efficient water heater for bath houses.
- Pool water heaters interconnected with mechanical ventilation system.
- Restroom exhaust system.
- Power systems for building, pool and site lighting, pool equipment.
- Lift station to fully drain pool and stormwater pond capable of total suspended solids removal and release rate.

# Section 2



Project Team





## Mustafa Z. Emir, PhD, PE

Project Director

### EXPERIENCE

30 Years

### EDUCATION

PhD, Engineering, Concordia University, Montreal, Canada

BS, Engineering, Concordia University, Montreal, Canada

### REGISTRATIONS

Wisconsin Professional Engineer  
#E-34786

### PROFESSIONAL AFFILIATIONS

American Council of Engineering Companies, Public Funding Committee

American Water Works Association

American Public Works Association, Wisconsin Chapter Diversity Committee

Wisconsin City/County Managers Association

### CIVIC ORGANIZATIONS

Milwaukee Riverkeeper

Wisconsin Policy Forum

RiverWorks Development Corp.

Discovery World

Downtown Milwaukee Rotarian

Mr. Emir is a highly respected Infrastructure Planning and Management Professional with over 30 years of hands-on engineering experience. He has authored dozens of long-term municipal infrastructure management plans, including sewer collection, stormwater management, flood control, water distribution, open space and parks, etc. for governments throughout the Midwest.

Throughout his career, Mustafa has been involved in long range infrastructure planning for built-out communities. This effort includes assessing and defining ways to improve public facilities, including Village Halls, City Centers, Community Centers, Park Buildings, and Salt Sheds. Mustafa leads a diverse team that will advise local governments and guide the process of renewal.

### Leader in Local Government Renewal

Mustafa has been involved in many of the Southeast Wisconsin communities' efforts to improve services to residents. He has led assessment and design efforts for the following initiatives:

- Village of Shorewood Village Hall and Library parking lot reconstruction, with Green Infrastructure elements to retain stormwater at the property.
- Village of Whitefish Bay Village Hall and Police Department Site Civil engineering and stormwater management, including funding, design and construction Green Infrastructure parking area for Police Department.
- City of Glendale City Hall site Civil funding, stormwater management facilities, and green infrastructure design and construction.
- City of Cudahy salt shed feasibility analysis, including financial analysis, structural and civil engineering consulting.
- Richard E. Maslowski Community Center site plan and construction in Glendale.
- City of Glendale salt shed needs assessment, structural and regulatory review and consulting.

### Mastery in Public Involvement and Public Communication Skills

As the municipal engineer in communities such as Glendale, Whitefish Bay, Bayside, and River Hills, WI, Mustafa provides day to day management of engineering needs in those communities. Mustafa has gained great insight into the type of respectful and prompt service expected by many area residents.

Mustafa prepared and led dozens of potentially contentious public information meetings that steadily moved from confrontational to peaceful and ended up in a collaborative mood. He has an extraordinary ability to connect to all kinds of people and present complex ideas and foster constructive discussion with the public.



## Emily K. Basalla, PE, CFM

### Project Manager

#### EXPERIENCE

18 Years

#### EDUCATION

BS, Civil Engineering, University of Missouri, Columbia

#### REGISTRATIONS

Wisconsin Professional Engineer  
#E-41026

Indiana Professional Engineer  
#12100316

Multiple States ASFPM Certified  
Floodplain Manager #US-17-09577

Illinois Professional Engineer  
#062.061744

#### ADDITIONAL TRAINING

Using Hec-Ras to Model Bridges,  
Culverts and Floodplains, University  
of WI - Madison

BMP-LID Design with EPA-SWMM,  
IAFSM

WinSLAMM for Urban Stormwater  
Quality Management, NASECA  
Wisconsin

Designing Bio/Infiltration BMPs for  
Stormwater Quality Improvement,  
University of WI-Madison

XP-SWMM Training, XP Software

#### PROFESSIONAL AFFILIATIONS

Wisconsin Association for  
Floodplain, Stormwater, and Coastal  
Management, Member

American Public Works Association,  
Member

American Council of Engineering  
Companies

Illinois Association of Floodplain and  
Stormwater Management, Member

Ms. Basalla is a Project Manager with experience in civil, environmental, and municipal engineering projects. She takes a creative approach to every project with the goal of integrating functional roadway, drainage, and storm sewer designs with sustainable solutions in a community context.

Ms. Basalla provides comprehensive solutions to drainage conveyance and maintenance issues, including permitting. Emily has experience in stormwater design, water main relocations, sanitary sewer design, wastewater treatment processes, pavement replacement, and roadway widening projects. Emily brings a strong background facilitating municipal permitting and designing for green infrastructure. Ms. Basalla is a Certified Floodplain Manager with a proven level of expertise in floodplain mapping, national and state level requirements.

#### Strong Local Municipal Relationships

Ms. Basalla has developed strong working relationships with municipalities throughout Wisconsin and Illinois. She takes a thorough approach to understanding client needs and developing solutions that minimize community and environmental impacts.

#### Client Communication

Ms. Basalla works hard to ensure clear and consistent communication, leaving nothing to surprise. An important benefit while working with Emily is her ability to maintain close client contact throughout the entirety of the project.

#### Design Experience

Ms. Basalla has experience in the design of a wide variety of projects. She understands that real solutions come from understanding the client's needs. Whether the goal is to increase capacity, maintain compliance, or achieve energy efficiencies, Emily works closely with her clients throughout the design process to ensure that comprehensive and efficient solutions are achieved for the long term.

Ms. Basalla performs oversight, review and project management roles in the design of water main, sanitary sewer, combined sewer, pavement replacement and roadway widening projects. Additional design experience includes drainage, storm sewer design and overseeing parks and rec recreations facility projects. Emily brings a strong background facilitating municipal permitting and designing for green infrastructure.

#### Experienced Municipal Engineer

Ms. Basalla is a Municipal Engineer and oversees Clark Dietz engineering staff in fulfilling Village and City Engineering roles in local governments in Wisconsin and Illinois. She is well versed in NPDES permitting processes. Her knowledge, experience, and tenacity ensure that the municipality will experience a smooth and consistent delivery of projects.



## Christopher J. Beyer, PE

Lead Designer

### EXPERIENCE

7 Years

### EDUCATION

BS, Civil Engineering, University of Wisconsin Platteville

### REGISTRATIONS

Wisconsin Professional Engineer  
#47016-6

Illinois Professional Engineer  
#062.071358

### ADDITIONAL TRAINING

WinSLAMM for Urban Stormwater  
Quality Management

### PROFESSIONAL AFFILIATIONS

American Public Works Association,  
Member

Mr. Beyer is a civil engineer with design and construction inspection experience for municipal roadway, water main and parking lot projects. Christopher (CJ) works closely with his clients throughout the design process to ensure that a long term and efficient solution is achieved. His detailed approach to preparing plans, specifications and estimates translates to time and cost savings over the project life cycle. His practical knowledge gained through site visits and construction inspection translates to more accurate design plans, minimizing construction changes and unseen obstacles.

#### Field Experience Means Efficient Designs

Mr. Beyer's practical knowledge gained through construction inspection translates to more accurate design plans, minimizing construction changes and unseen obstacles. His detailed approach to preparing plans, specifications and estimates translates to time and cost savings over the project life cycle.

To guarantee that infrastructure projects are completed as smoothly as possible, Mr. Beyer makes public involvement one of his key priorities. Andy is committed to ensuring a positive public outreach to the municipality's residents. He addresses any feedback from residents in the project area, and strives to remain open and available.

#### Municipal Engineering and Service to Community

CJ is an up and coming municipal engineer, learning fast and adapting to the many needs of the communities he serves. In Kenosha he is the go-to consultant for erosion control enforcement, roadway construction inspection, and traffic engineering. In Gurnee, CJ is the lead designer of watermain replacement projects that annually replace over 10,000 feet of watermain.

CJ has strong roadway design experience, including complete road reconstruction and road resurfacing design and bidding, traffic studies or warrant analysis, sanitary and storm sewer design, water main design, and incorporating green infrastructure improvements and other sustainable design elements. His involvement includes both design engineering and project management on municipal projects for the Cities of Kenosha and Racine, Racine and Kenosha Counties, the Villages of Somers and Pleasant Prairie in Kenosha County and the Villages of Shorewood and Whitefish Bay in Milwaukee County.



## Brandon Flunker, PE, CFM

### Stormwater Engineering Lead

#### EXPERIENCE

10 Years

#### EDUCATION

BS, Civil Engineering- Environmental  
/Water Resources, University of  
Wisconsin Milwaukee

#### REGISTRATIONS

Illinois Professional Engineer #062-  
071033 (2018)

Multiple States ASFPD Certified  
Floodplain Manager #US-18-10739  
(2018)

Wisconsin Professional Engineer #E-  
45347-6 (2017)

#### PROFESSIONAL AFFILIATIONS

Illinois Association of Floodplain and  
Stormwater Management, Member

Wisconsin Association for  
Floodplain, Stormwater, and Coastal  
Management

American Public Works Association,  
Member

#### CIVIC ORGANIZATIONS

Milwaukee Watershed - Urban  
Ecology Center, Milwaukee

Mr. Flunker is a civil engineer who has developed a portfolio of municipal infrastructure experience with drainage, storm and sanitary sewers, and road reconstruction projects. Brandon gained first-hand municipal engineering experience during his employment with the Village of Germantown and the City of Mequon. He understands that real solutions come from understanding the client's needs. Brandon works closely with his clients throughout the design process to ensure that a long term and efficient solution is achieved.

#### Field Experience Translates to Efficient Designs

Mr. Flunker's practical knowledge gained through site visits and construction inspection translates to more accurate design plans, minimizing construction changes and unseen obstacles. His detailed approach to preparing plans, specifications and estimates translates to time and cost savings over the project life cycle.

#### Relevant Experience

- WPS Oshkosh Service Center Drainage Improvements, Oshkosh, WI
- WPS Storage Yard Paving and SWM, Wausau, WI
- WPS Wausau Storage Yard Construction Services, Wausau, WI
- WEC Energy Group Facility Parking Lot Stormwater Management Plan, Green Bay, WI
- We - First Street Steam Pipe Investigation, Milwaukee, WI
- We - Marquette University Redundancy Loop, Milwaukee, WI
- Lily Lake CSG Array Installation, Maple Park, IL
- NG IL CSG Mazon Solar, Morris, IL
- O'Shea Urban Solar Farm, Detroit, MI
- Largest Carport Solar Array in Michigan, East Lansing, MI
- Weston Plant Storm Sewer & Outfall Replacement, Rothschild, WI
- 2021 Stormwater Management Services, Bayside, WI
- TMDL Stormwater Management Plan, Bayside, WI
- TMDL Stormwater Management Planning, Milwaukee, WI
- 2018 Stormwater Management Plan, Shorewood, WI
- Cramer Street Reconstruction and Storm Sewer, Whitefish Bay, WI
- Wildwood Storm Sewer Extension, Whitefish Bay, WI
- Nicolet Recreational Park Complex, Glendale, WI
- Timber Ridge Apartments Drainage Improvements, Kenosha, WI
- Terwall Terrace Parking Lot, Pleasant Prairie, WI
- Manor Lane Lift Station, River Hills, WI





## Adam Latusek

### Survey Lead

#### EXPERIENCE

8 Years

#### EDUCATION

Pre - Civil Engineering Technician,  
College of Lake County

BS, Science in Mining, University  
of Science and Technology, Krakow  
Poland

MS, Science in Mining, University  
of Science and Technology, Krakow,  
Poland

#### ADDITIONAL TRAINING

Design of Foundations,  
Embankments and Earth Structures,  
IL Institute of Technology

Mr. Latusek is an engineering technician with experience providing topographic surveying, construction staking, and construction inspection and documentation for a wide variety of municipal projects. Adam identifies and addresses obstacles before the improvements are built to reduce or prevent errors, delays, and costly overruns. He handles the duties of inspection and surveying. With experience throughout Wisconsin and Illinois, Adam has provided construction observation services for roadway reconstruction and resurfacing, as well as water main and sewer replacement.

#### Relevant Experience

- David Hobbs Honda Construction Services, Glendale, WI
- We - Miller-Coors Steam Service Extension, Milwaukee, WI
- Cramer Street Storm Sewer Design, Whitefish Bay, WI
- CTH H Watermain Extension Construction, Pleasant Prairie, WI
- Cooper Road Extension, Pleasant Prairie, WI
- Village Green Construction, Pleasant Prairie, WI
- 2016 Kenosha County Construction Staking Services, Kenosha, WI
- 2017 Construction Staking Services, Kenosha, WI
- 39th Avenue Construction Inspection, Pleasant Prairie, WI
- Pleasant Prairie Heritage Valley Sewer, Pleasant Prairie, WI
- 2016 Sewer Design, Whitefish Bay, WI
- Berkeley Blvd Street Design, Whitefish Bay, WI
- STH 50 (75th Street), Paddock Lake, WI
- 2016 Street Reconstruction and Combined Sewer Improvements, Shorewood, WI
- 2018 CDBG Sidewalk Construction, Glendale, WI
- 60th Street Reconstruction, Kenosha, WI
- Velodrome As-Built Survey, Kenosha, WI
- CTH W - CTH FR to CTH F - Reconstruction, Salem, WI
- Staking Services- Palmer Drive Underpass, Elmhurst, IL
- 2015 Roadway Rehab Construction Services, Gurnee, IL
- Churchill Drive Water Main Replacement, Richton Park, IL
- Harrison Street Detention Improvement, Elmhurst, IL
- High Ridge Road Phase III Engineering, Villa Park, IL
- Palmer Drive Underpass, Elmhurst, IL
- Golden Oaks Sewer Replacement, Homer Glen, IL
- Balmoral Drive Water Main Construction, Richton Park, IL
- Camden Court Reconstruction and Water Main Replacement, Richton Park, IL
- Greenfield Subdivision Public Improvements, Richton Park, IL
- Latonia Lane Rehabilitation, Richton Park, IL
- Walmart Construction Inspection, Richton Park, IL
- Cullerton Drive Reconstruction, Franklin Park, IL
- WMRA Parking Improvements - Construction, Franklin Park, IL
- 2015 Street Improvements Phase III, Villa Park, IL
- South Michigan Avenue Reconstruction, Villa Park, IL
- N. York Road Field Survey, Elmhurst, IL

# Section 3



## Work Samples

## WORK SAMPLES

Work samples recently completed by our firm have been provided on the enclosed flash drive.

# Section 4



## Methodology and Approach

# METHODOLOGY

## WE ARE SITUATIONALLY AWARE

### Challenge: Flat topography

The biggest challenge in creating a working grading plan at this property is topography – or the almost complete lack of it. Therefore, we are already thinking about ways to create some elevation variation across this property to handle surface runoff.

### Advantage: South end drainage largely under control

Helping out with this challenge is that drainage and stormwater management in the south end of the property is already figured out, with the new safety Building Pond oversized to accept imperviousness that may occur within the Park (trails and access road to 4 Mile Rd.) or even a multi-family development on Chester Lane, south of Village Hall.



### Advantage: Existing amenities in the northwest

Also helping is that the existing parking lot and the two baseball fields are not going to be relocated – therefore, the elevations and drainage patterns are largely set. Accordingly, we will focus our most intensive grading creativity to the northeast quadrant of the Park and make sure that the overall grades fall away towards the north, with the cuts and the additional ponds creating enough dirt to build the sled hill right away.

We would see the splash pad and the playground about the same elevation, possibly higher than the baseball outfield as well as the adjacent parking area.

### Challenge: Drain tiles everywhere

We would potentially use the paved parking area in the northeast to convey runoff on the surface to the northern storm facilities INSTEAD of relying on new storm sewers at that location.

Storm pipes in the northeast parking area may have to be too shallow for cover and run into conflicts with drain tiles.

### Advantage: Drain tiles everywhere

We would not interfere with the existing drain tiles as long as they are functional. These drain tiles are the reason the parcel is buildable in the first place. In fact, we would leverage the tiles to use them for drainage planning for the park to the extent possible or feasible.

In the case of the existing storm pond at Village Hall, as well as the new pond at the Safety Building, existing drain tiles were used as pond outlet pipes instead of installing new storm sewers. We will continue this idea for maximum runoff management and to minimize storm sewer infrastructure costs.

### Challenge: Soils unsuitable for infiltration

One of the most cost-effective stormwater management practices would be bioswales or infiltration basins. However, site work we conducted on this property in 2005 to evaluate infiltration capacity showed that the west half of the property has soil conditions NOT suitable for infiltration, or bioswale installation.

**See Section 9 – Supporting Information for more details on this.**

### Advantage: East half of the property has infiltration potential

Knowing the soil conditions and the location of the drain tiles means that we would focus on getting runoff

to the east side of the property to take full advantage of soil conditions. In this sense, the BMPS that may be planned by the baseball fields may be better located on the other side of the central hard court amenities if they are going to be bioswales.

## WE ARE SERIOUS ABOUT PROJECT MANAGEMENT

By this, we mean that we are serious about making sure that we produce the deliverables you expect completed at the agreed upon time, in exchange for the fee you have agreed to pay us. Clark Dietz approaches every project in a collaborative way. We tailor project plans to meet the needs, goals, and previous experiences of the municipality.

In this case, we know what the product must look like and our commitment is that you will NOT get a fee amendment request because we know what we have to do already. We can say this because we are serious about managing our projects.

- We know that you have set aside funds for the first phase of Crawford Park development and that every dollar you spend on us will take away from a yard of dirt you can move.
- We know that the projected funding in future years means that the full development of the park will take several years – which means it is SUPER important to make each phase count. Otherwise, there will be a risk of the community losing interest and shifting funding priorities elsewhere a few years down the line.
- We know that we have to get ourselves in gear and get the master grading and drainage plan done so that you can build the first phase of the park in 2023. Clark Dietz brings the necessary discipline to allow Caledonia to NOT experience time pressure to bid this thing early in the year and get a good deal in the market.

## NO SURPRISES

Our way is to be responsive. We keep you in the loop with our progress, our status, what we're working on, what we're struggling with, what ideas we came up with. We keep you in the loop, so when you're in your department head meeting, when you're at the Public Works Committee or the Parks Committee, or the Village Board meetings and a question comes up, you don't have to say, "I'll find out from the consultant." You will know what we're doing and where we're at. And, we will not surprise you or blind side you. Ever. This is our way.

Although this project is a design assignment, Clark Dietz believes that planning for construction during the design phase is critical to making any infrastructure project a success. ***In the most basic sense, engineering design is not just lines on paper, but rather a preview of real-life impacts.***

## PROJECT APPROACH

Clark Dietz will provide all of the necessary municipal engineering services to prepare the deliverables for this project. In doing so, we will generally follow the task list provided below.

### GOAL SETTING – CONSENSUS BUILDING

We want to be 100 percent part of your team. To accomplish this, we believe it is not sufficient to read the master plan documents, but really delve deep into the planning process and the Village's stance on developing this park.

We will spend as much time as needed without unreasonable expense to fully be on the same page as you before we jump in the engineering of the site.

### DATA GATHERING – DIGITAL AND RECORDS

We will work with your staff to gather digital data of nearby infrastructures, including the GIS information for drainage facilities surrounding the Park. Included in this effort is the currently available information on the drain tile network in the property. As the designers of the site for the Safety Building, we will use our own drawings to complement received files from the Village.





## DATA GATHERING – FIELD

Clark Dietz will use our own survey team to gather topographic information within and surrounding the parcel. We will pay close attention to include in the survey the road and trail connection points all around the park, with additional data gathered for the design of the 4 Mile Rd. and Sunshine Ln.

We will closely monitor and manage survey operations so that pertinent information for drainage and roadway connection design can occur.

## CONCEPT GRADING

We see this as 30 percent grading, mainly distributing the amenities in their correct places, trails in their correct alignments and placing the stormwater facilities where they need to be based on off-site drainage and capacity evaluation.

Concept grading is also where we review and reconvene to revisit our consensus from the beginning of the project. This task is where we recalibrate our ideas to match yours – you get to have a serious look at our direction and provide feedback and input.

At the end of this process, we have a concept where we all agree where things are going to be. Now it is time to work on the details.

## MASTER GRADING

This is where the overall grading is designed. Amenities are flat surfaces, and the trails, parking, and roadways are transitions. At Clark Dietz, we use 3-D software to create topographic surfaces and take full advantage of the software to design proposed surfaces that obey site restrictions as defined by the designer.

At this stage, we will deliver a mass grading surface, but will work with you to develop several interim conditions that can guide phased construction as funding allows. For each interim condition, we will provide a constructible grading scheme that fulfills the mass grading plan.

In other words, you can either mass grade at once, or in interim steps and still maintain control of the overall site. For example, you should have the means to bid out the construction of the sled hill without setting elevations for the basketball courts if that's not what is budgeted. To make this happen, we will have a plan that defines what excavation HAS to occur to build the sled hill, and allow you to build just that, for now.

*NOTE: an important factor in designing phased grading projects is the protection of park elements that are already in place when the next amenities are being built. We don't want to destroy the trails when the splash pad is being built in 3 years. We are sensitive to this type of future conflict potential and will scenario play to catch as many permutations as possible of future construction to prevent conflicts.*

Clark Dietz intends to maximize the use of the existing drain tile network to convey runoff from proposed impervious surfaces, especially in the north side roadway and parking amenities.

## STORMWATER MANAGEMENT



The excavation from the stormwater facilities will need to be sufficient to build the sled hill and balance the rest of the site. That is one criteria for BMP design. A second criteria will be pollutant control and water quality improvements for downstream receiving ditches and streams.

Discharges to the north are essentially collected and drain directly north through a ditch system that eventually drains to Lake Michigan. In general, this conveyance has had low erosion potential, but also poor biotic values, certainly in the stretch between 4 ½ Mile Rd. and 5 ½ Mile Rd.

The figure on this page presents the “big picture”. Crawford Park drains to Lake Michigan through the relatively developed east side of the Village.

Clark Dietz will build on 2006 Stormwater Management Plan that clearly defines improvement needs for streams and the proposed stormwater BMPs will support the management approaches adopted in that plan.

Accordingly, Clark Dietz will focus on both detention and water quality benefits of BMPs as well as the need to generate excess dirt for our facilities.

*NOTE: In our opinion, the Village has a significant background work produced in pursuit of water quality benefits and could be well positioned for stormwater construction grants from the WDNR. The fact that the park construction will be realized over several years certainly gives Caledonia an opportunity to pursue grants every two years and reduce its financial burden. These WDNR construction grants are generally at 50 percent participation, but this could still be a significant contribution to the development of Crawford Park.*

## COORDINATION

Throughout this project, Clark Dietz staff will be available for public meetings, committee meetings, Board meetings, or otherwise desired staff meetings. While our fee estimate will include a placeholder number for this type of activity, we are NOT going to limit meetings, stop coming to the third meeting because we budgeted for two, etc.

Our philosophy is that we have to be there whenever we need to be there or whenever you call us. It also helps that our chief civil designer lives in Caledonia.

# Section 5



Timeframe

## PROPOSED TIMEFRAME

### Village of Caledonia Crawford Park Master Grading and Drainage Plan Proposed Schedule

*Assumes Award at the DEC 19 2022 Village Board Meeting and contract signed before the end of 2022*

Task	Complete on or about
Task 1 – Pre-Design Meeting	Mid January
Task 2 – Data Gathering – Digital/Records	Mid January
Task 3 – Data Gathering – Field Survey	End of January
Task 4 – Concept Grading Plan	Mid – End February
Task 5 – Master Grading Plan	Mid March
Task 6 – Stormwater and Drainage Plan	Mid March
Task 7 – On-Going Project Coordination	On-going
Task 8 – Bid Ready Documents	End of March

We anticipate that the grading contract would be on the street at the end of March, advertised on March 29 and April 5, with bid opening on April 12 2023.

Clark Dietz to provide bid tabulation and award recommendation for the second meeting on April 17, 2023.

# Section 6



## References

## REFERENCES

Client relationships are important to Clark Dietz. We believe strong relationships are built by listening to and understanding our clients. We see our clients as valuable members of our project teams, and we genuinely value our rapport with them. We encourage you to contact our clients listed below to discuss their experiences working with us.

### Client References

#### **John Edlebeck**

Director of Public Works  
Village of Whitefish Bay  
5300 N. Marlborough Drive  
Whitefish Bay, WI 53217  
414.967.5128  
j.edlebeck@wfbvillage.org

#### **Charlie Imig**

Director of Public Works  
City of Glendale  
5909 N. Milwaukee River Pkwy  
Glendale, WI 53209  
414.228.1746  
c.imig@glendale-wi.gov

#### **Brian Cater, PE**

Deputy Director of Public Works  
City of Kenosha  
625 52nd Street, Room 300  
Kenosha, WI 53140  
262.653.4156  
bcater@kenosha.org

#### **Mark Frye**

City Administrator  
City of Oconomowoc  
174 E. Wisconsin Ave.  
Oconomowoc, WI 53066  
262.569.2184  
mfrye@oconomowoc-wi.gov

#### **Andy Pederson**

Village Manager  
Village of Bayside  
9075 N. Regent Road  
Bayside, WI 53217  
414.315.8818  
apederson@bayside-wi.gov

#### **Tammy LaBorde**

Village Manager  
Village of River Hills  
7650 N Pheasant Lane  
River Hills, WI 53217  
414.352.8213  
tlaborde@vil.river-hills.wi.us

### Contractor References

#### **Thomas A. Zoulek, PE**

President  
Mid City Corporation  
12930 W. Custer Avenue  
Butler, WI 53007  
414.349.0623  
tzoulek@midcitycorp.us

#### **Mike Dretzka**

Vice President  
UPI, LLC.  
2180 S. Springdale Rd.  
New Berlin, WI 53146  
262.894.2604  
mike@upiconstruction.com

#### **Justin Zollitsch**

Project Manager  
Payne and Dolan, Inc.  
N3W23650 Badinger Road  
Waukesha, WI 53188  
262.524.1255 office  
262.366.5168 mobile  
jzollitsch@walbecgroup.com

#### **Logan Greve**

Project Manager  
Stark Pavement Corporation  
12845 W. Burleigh Road  
Brookfield, WI 53050  
920.427.3888  
logang@starkcorp.us



# Section 7



## Firm Capacity and Project Team Statement

## STATEMENT OF AVAILABILITY

On behalf of Clark Dietz, I confirm that our staff will begin work on the project and complete the tasks within the timeframe shown in the proposed schedule provided in this proposal Section 5 – Timeframe.

## LIST OF PERSONS INVOLVED

### **Mustafa Emir, Project Director**

Mustafa is a highly respected Infrastructure Planning and Management Professional with over 30 years of hands-on engineering experience. He has authored dozens of long-term municipal infrastructure management plans, including sewer collection, stormwater management, flood control, water distribution, open space and parks, etc. for governments throughout the Midwest.

### **Emily Basalla, Project Manager**

Emily provides comprehensive solutions to drainage conveyance and maintenance issues, including permitting. Emily has experience in stormwater design, water main relocations, sanitary sewer design, wastewater treatment processes, pavement replacement, and roadway widening projects. Emily brings a strong background facilitating municipal permitting and designing for green infrastructure. Emily is a Certified Floodplain Manager with a proven level of expertise in floodplain mapping, national and state level requirements.

### **CJ Beyer, Lead Designer**

CJ is a civil engineer with design and construction inspection experience for municipal roadway, water main and parking lot projects. CJ works closely with his clients throughout the design process to ensure that a long term and efficient solution is achieved. His detailed approach to preparing plans, specifications and estimates translates to time and cost savings over the project life cycle. His practical knowledge gained through site visits and construction inspection translates to more accurate design plans, minimizing construction changes and unseen obstacles.

### **Brandon Flunker, Stormwater Engineering Lead**

Brandon is a civil engineer who has developed a portfolio of municipal infrastructure experience with drainage, storm and sanitary sewers, and road reconstruction projects. Brandon gained first-hand municipal engineering experience during his employment with the Village of Germantown and the City of Mequon. He understands that real solutions come from understanding the client's needs. Brandon works closely with his clients throughout the design process to ensure that a long term and efficient solution is achieved.

### **Adam Latusek, Survey Lead**

Mr. Latusek is an engineering technician with experience providing topographic surveying, construction staking, and construction inspection and documentation for a wide variety of municipal projects. Adam identifies and addresses obstacles before the improvements are built to reduce or prevent errors, delays, and costly overruns. He handles the duties of inspection and surveying.

# Section 8



## Cost Breakdown

## COST BREAKDOWN

**Village of Caledonia**  
**Crawford Park Master Grading and Drainage Plan**  
**Proposed Design Fee**

Task	Total Hours	Total Cost
Task 1 – Pre-Design Meeting	4	\$600
Task 2 – Data Gathering – Digital/Records	4	\$600
Task 3 – Data Gathering – Field Survey	40	\$6,500
Task 4 – Concept Grading Plan	16	\$2,750
Task 5 – Master Grading Plan	60	\$9,200
Task 6 – Stormwater and Drainage Plan	45	\$6,500
Task 7 – On-Going Project Coordination	16	\$2,200
Task 8 – Bid Ready Documents	8	\$1,400
Total Hours and Fee	193	\$29,750
Reimbursable Project Expenses		\$500
<b>Total Not-To-Exceed Design Fee</b>		<b>\$30,250</b>

### Billing Rates

Labor billing rates shall be in accordance with Clark Dietz's schedule of general billing rates dated January 1, 2023 for the duration of this project.

### Reimbursable Expenses

Project related expenses shall be billed in accordance with Clark Dietz's current schedule of project related expenses.

## SCHEDULE OF GENERAL BILLING RATES

CLARK DIETZ, INC.

January 1, 2023

<u>TITLE</u>	<u>HOURLY RATE</u>
Principal	\$255.00
Engineer 8	240.00
Engineer 7	230.00
Engineer 6	220.00
Engineer 5	200.00
Engineer 4	170.00
Engineer 3	155.00
Engineer 2	140.00
Engineer 1	125.00
Technician 5	170.00
Technician 4	155.00
Technician 3	140.00
Technician 2	125.00
Technician 1	105.00
Intern	100.00
Clerical	90.00

Notes:

The rates in this schedule will be reviewed and adjusted as necessary but not sooner than six months after the date listed above. Rates include actual salaries or wages paid to employees of Clark Dietz plus payroll taxes, FICA, Worker's Compensation insurance, other customary and mandatory benefits, and overhead and profit. All project related expenses and subconsultants will be billed at 110% of actual cost to cover handling and administrative expenses.

# SCHEDULE OF PROJECT RELATED EXPENSES

CLARK DIETZ INC.

Effective January 1 2023

Vehicles	
Autos	\$65.00/day or \$0.625/mile (per agreement)
Field Vehicles	\$65.00/day or \$0.625/mile (per agreement)
Survey Van	\$80.00/day or \$0.75/mile (per agreement)
Robotic Survey Equipment	\$20.00/hour
GPS Survey Equipment	\$30.00/hour
Nuclear Soils Compaction Gauge	\$50.00/day
CADD Usage	\$20.00/hour
Drone Usage	\$35.00/hour
Regular Format Copies* (8.5"x11" or 11"x17")	\$0.10/copy
Color Copies* (8.5"x11")	\$0.50/copy
Color Copies* (11"x17")	\$1.50/copy
Large Format Plotting and/or Copying*	
(12"x18")	\$0.50/sheet
(22"x34" or 24"x36")	\$1.75/sheet
(30"x42")	\$2.50/sheet
(36"x48")	\$3.00/sheet
Large Format Scanning*	
(12"x18")	\$.30/sheet
(22"x34" or 24"x36")	\$1.00/sheet
(30"x42")	\$1.50/sheet
(36"x48")	\$2.00/sheet
Hotels & Motels	} At Cost
Meals	
Federal Express & UPS	
Public Transportation	
Film and Development	
Supplies	

## Notes:

The rates in this schedule are subject to review and will be adjusted as necessary, but not sooner than six months after the date listed above. Certain rates listed with \* are for in-house production. Larger quantities will be sent to an outside vendor.



# Section 9



## Supporting Information

## Stormwater Infiltration Feasibility Assessment



### □ Project Purpose and Goals

This section of the Caledonia Stormwater Management Plan presents the results of a field investigation to evaluate the effectiveness of infiltration basins in the Village. While the current State standards require the consideration of infiltration basin construction for new development, we had no information regarding how useful or effective this approach will be in Caledonia. Therefore, we investigated the performance of infiltration basins based on the criteria in the NR151 subchapter III and Conservation Practice Standards 1002 & 1003.

We accomplished this by analyzing the United States Department of Agriculture (USDA) soil survey for Racine County and through selective subsurface exploration to confirm infiltration rate data in the soil survey. We performed soil borings at representative locations to identify soil profiles and establish guidelines for the use of infiltration practices in stormwater management in Caledonia.

### □ Summary of Wisconsin's Infiltration Performance Standards

NR151 includes agricultural performance standards and prohibitions, non-agricultural performance standards, transportation performance standards, implementation and enforcement provisions, and a process to develop and disseminate non-agricultural technical standards.

The infiltration standard requires that, to the maximum extent practicable, a portion of the runoff volume be infiltrated. The amount to be infiltrated is different for residential and non-residential (commercial, industrial, institutional) land uses.

Residential – 90 percent of predevelopment infiltration volume or 25 percent of the 2 year-24 hour design storm. No more than 1 percent of the project site is required (cap).

Non-residential – 60 percent of predevelopment infiltration volume or 10 percent of the 2 year-24 hour design storm. No more than 2 percent of the project site is required (cap).

To protect groundwater, this standard identifies areas where infiltration is discouraged: areas associated with Tier 1 industries; storage and loading areas of Tier 2 industries; fueling and maintenance areas; areas near karst features; areas in close proximity to wells; areas with inadequate separation distance to groundwater or bedrock; areas where the soils are contaminated and areas where the soils are too coarse.

For practical reasons, the standard further identifies areas where infiltration is not required, such as areas where the infiltration rate is less than 0.6 inches per hour; areas with less than 5,000 square feet of parking lot or roads in commercial and industrial development; redevelopment areas; in-fill areas less than 5 acres; and certain roads.

Based on this standard, those sites which must be evaluated for stormwater infiltration practices need to undergo a four step process. The site evaluation consists of four steps for locating the optimal areas for infiltration, and properly sizing infiltration devices.

- **Step A. Initial Screening:** The initial screening identifies potential locations for infiltration devices. The purpose of the initial screening is to determine if installation is limited by ss. NR151.12(5)(c)5. or NR151.12(5)(c)6., and to determine where field work is needed for Step B. Optimal locations for infiltration are verified in Step B.
- **Step B. Field Verification:** Field verification is required for areas of the development site considered suitable for infiltration.
- **Step C. Evaluation of Specific Infiltration Areas:** This step is to determine if locations identified for infiltration devices are suitable for infiltration, and to provide the required information to design the device. A minimum number of borings or pits shall be constructed for each infiltration device.
- **Step D. Soil and Site Evaluation Reporting:** The site's legal description and all information required in Steps B and C shall be included in the Soil and Site Evaluation Report. These reports shall be completed prior to the construction plan submittal.



## □ Methods

In order to find out the usefulness or effectiveness of infiltration basins as required by the current State standards, the Village has initiated a program of soil borings at representative locations to identify soil profiles and establish guidelines for the use of infiltration practices in stormwater management. Using digital soils maps, a GIS map was created showing the suitability of filtration as a stormwater management practice in Caledonia. The result was a GIS map of the geographic classification of infiltration potential in Caledonia which guided the field verification and validation phase of the work. The analysis looked at soils information from the USDA Racine County Soil Survey and applied the criteria from NR151 that excludes infiltration on slopes greater than 20% (yellow on map), soils with inadequate separation distance to ground water (hydric soils shown as red on map), and soils with infiltration rates less than 0.6 inches per hour (orange on map). The result is a map showing the potential for stormwater infiltration in Caledonia. The next step in the study was to field verify the map by collecting soil borings in different soil types and drainage basins. As part of the field verification and validation, we selected representative soil boring and sampling locations. Both Lake Michigan and Root River watersheds were targeted in this subsurface exploration program. We provided soils and GIS analysis, soil boring and soil testing services to determine more definitively where, in Caledonia, stormwater infiltration BMP's would be feasible.

## □ Results

A total of nine soil samples were collected throughout the Village. Samples 1, 2 and 3 were collected on February 9, 2005 and samples 4-9 were collected on October 19, 2005 (Appendix E). Soil samples 1-3 were recovered from test pits excavated at the site west of SCORE Park. The soil series indicated for the site by the USDA Soil Survey are Sebewa and Elliott, and consist mainly of clayey soils, consistent with profiles encountered in our test pits. However, two of the test pits encountered a 3 to 3.5 foot thick stratum of sandy loam that is absent from the indicated soil series, and a stratum of sand and gravel included in the Sebewa series was not found in the test pits.

In order for Caledonia to be exempt from having to install infiltration devices per NR151.12, the infiltration rate of the soil must be less than 0.6 inches per hour. Per DNR Standard 1002, a site is considered exempt if the least permeable soil horizon within 5 feet of the bottom of the infiltration system is one of the following: sandy clay, clay loam, silty clay loam, sandy clay, silty clay, or clay. The sandy loam encountered in two of the test pits may have an infiltration rate greater than 0.6 inches per hour, however, since this stratum is shallow and is only 3 to 3.5 feet thick and is then underlain by a clay layer with an infiltration rate of 0.07 inches per hour, these sites would be considered exempt.

Samples 4, 5, 6 and 9 encountered clay layers between five and twelve feet in depth with infiltration rates well below the needed 0.6 inches per hour for infiltration BMP's. Samples 7 and 8 had clay layers at eight and ten feet with high groundwater at five and one half feet in depth. This means sample 7 is not suitable for infiltration due to inadequate separation distance to groundwater. Sample 8 is borderline suitable for an infiltration BMP, however it is located within the same soil type as sample 7 and approximately at the same elevation and distance away from a DNR navigable waterway.

## □ Conclusions and Recommendations

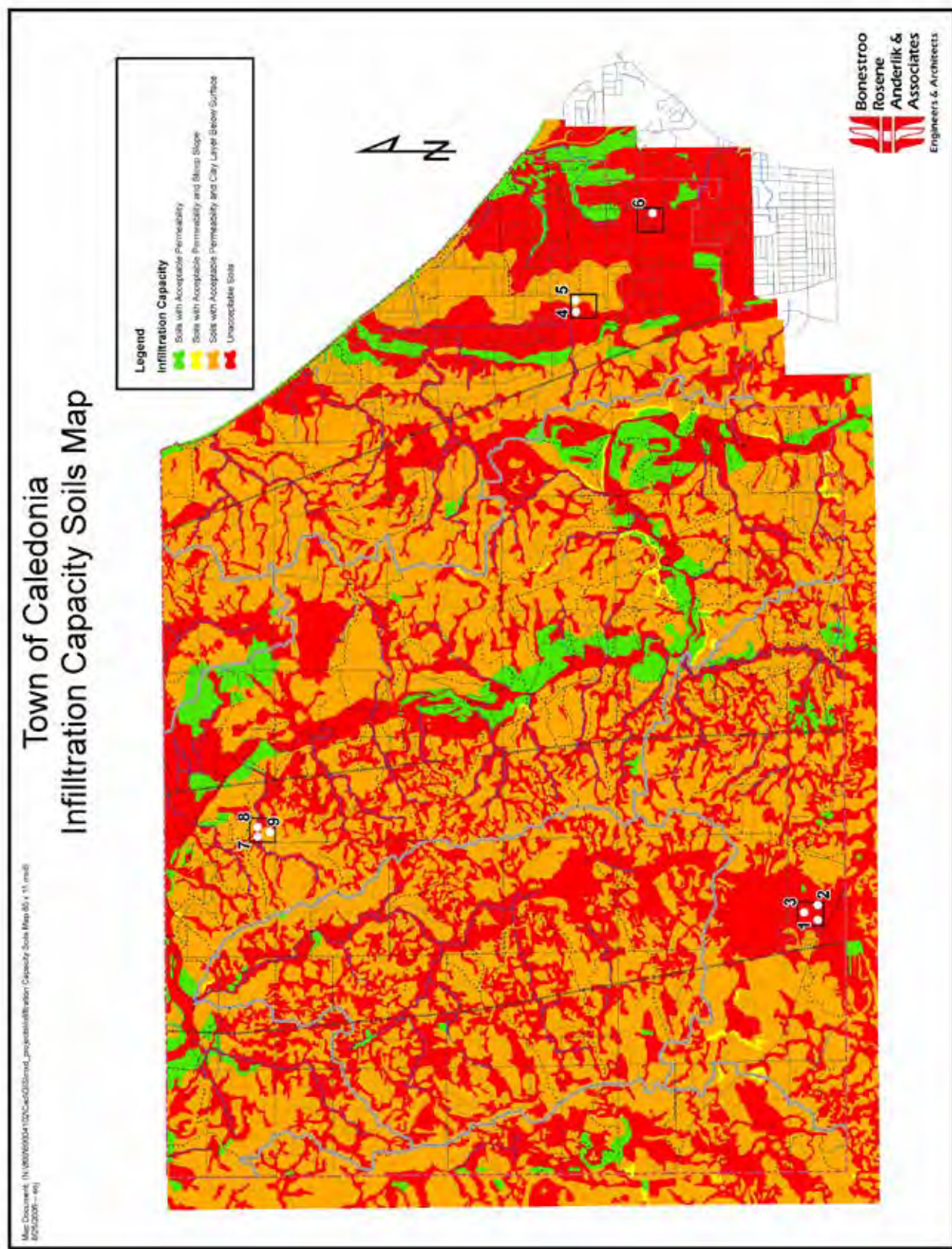
Of ten soil samples, nine were determined to be not suitable for stormwater infiltration BMP's. This was due most often to a layer of clay between five and ten feet in depth with a very low infiltration rate (0.07 inches per hour) well below the recommended 0.6 inches per hour needed for effective infiltration. These clay layers would block infiltration below a constructed infiltration device. Only one of the ten samples had acceptable infiltration rates in the five to ten foot zone but the sample was located in close proximity to a waterway and may be subject to high groundwater or flooding. Overall the presence of hydric soils with high groundwater and very clayey sub soils there are few areas where infiltration is practicable in the Village of Caledonia.

As a consequence, we recommend that only areas shown on the attached Stormwater Infiltration Potential Map with acceptable soil permeability be required to investigate a site's potential for stormwater infiltration BMP's.

□ Locations of Soil Borings









**Mustafa Emir, PhD, PE**  
Executive Vice President

Clark Dietz, Inc.  
759 North Milwaukee Street, Suite 624  
Milwaukee, WI 53202

☎ 414.315.1933

✉ [mustafa.emir@clarkdietz.com](mailto:mustafa.emir@clarkdietz.com)

[clarkdietz.com](http://clarkdietz.com)

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**RESOLUTION NO. 2022-127**

**A RESOLUTION ADOPTING THE CALEDONIA 2023 REVISED SALARY  
COMPENSATION SCHEDULE INCREASING MAXIMUM FOR PAYGRADES 22 - 24**

**WHEREAS**, the Caledonia Village Board of Trustees previously adopted Resolution 2022-18, Caledonia's Revised 2022 Salary Compensation Schedule; and

**WHEREAS**, the Personnel Committee previously agreed that the compensation schedule be modified on an as needed basis; and

**WHEREAS**, there are some staff in Paygrade 22 who are near the current maximum for their paygrade and increasing the maximum for Paygrade 22 will allow for future merit increases for those employees; and

**WHEREAS**, increasing Paygrade 22 impacts the grades above it, requiring an increase for Paygrades 23 and 24 as well; and

**NOW, THEREFORE, BE IT RESOLVED** by the Village Board of the Village of Caledonia that Caledonia's Salary Compensation Schedule dated December 19, 2022, as set forth in **Exhibit A** which is attached hereto and incorporated herein is approved and adopted.

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin, this \_\_\_\_\_ day of December 2022.

VILLAGE OF CALEDONIA

By: \_\_\_\_\_  
Jim Dobbs, Village President

Attest: \_\_\_\_\_  
Joslyn Hoeffert, Village Clerk

**2023 Salary Compensation Schedule**

<b>Grade</b>	<b>Minimum</b>	<b>Mid-Point</b>	<b>Max</b>	<b>Positions</b>
1	32,585.31	37,473.11	42,360.90	
2	34,214.58	39,346.77	44,478.95	Admin. Receptionist
3	35,925.31	41,314.11	46,702.90	Admin. Asst. Fire Department Accounting Payroll/Benefits Clerk Police Support Records Clerk
4	37,721.57	43,379.81	49,038.04	Assistant Municipal Court Clerk Parks Supervisor Utility District Operator Apprentice
5	39,607.65	45,548.80	51,489.95	Deputy Clerk
6	41,588.04	47,826.25	54,064.45	Accounting Clerk Utility District Clerk
7	43,667.44	50,217.56	56,767.67	Finance Technician Police Technician Public Services Admin. Coordinator
8	45,850.81	52,728.43	59,606.05	
9	48,143.35	55,364.85	62,586.36	Planning & Zoning Technician Municipal Court Clerk
10	50,550.52	58,133.10	65,715.68	
11	53,078.04	61,039.75	69,001.45	Parks Manager Utility District Operators
12	55,731.94	64,091.73	72,451.52	
13	58,518.54	67,296.32	76,074.10	Engineering Techs Utility Technician/GIS Specialist
14	61,444.47	70,661.14	79,877.81	Building Inspector
15	64,516.69	74,194.19	83,871.70	Highway Lead Senior Utility Field Operator Village Clerk
16	67,742.52	77,903.90	88,065.28	Senior Building Inspector Utility District Integrator Utility Accountant
17	71,129.66	81,799.11	92,468.56	
18	74,686.13	85,889.05	97,091.97	Highway Operations Supervisor Utility Operations Supervisor Human Resources Manager Engineer
19	78,420.44	90,183.51	101,946.57	
20	82,341.47	94,692.69	107,043.91	Development Director Village Engineer Utility Director
21	86,458.54	99,427.32	112,396.10	Finance Director
22	90,781.47	104,398.69	138,015.91	Fire Chief Police Chief Director of Public Services
23	95,320.54	109,618.62	123,916.70	
24	100,086.57	115,099.56	150,112.54	Village Administrator

**2022 Salary Compensation Schedule**

<b>Grade</b>	<b>Minimum</b>	<b>Mid-Point</b>	<b>Max</b>	<b>Positions</b>
1	32,585.31	37,473.11	42,360.90	
2	34,214.58	39,346.77	44,478.95	Admin. Receptionist
3	35,925.31	41,314.11	46,702.90	Admin. Asst. Fire Department Accounting Payroll/Benefits Clerk Police Support Records Clerk
4	37,721.57	43,379.81	49,038.04	Assistant Municipal Court Clerk Parks Supervisor
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6	41,588.04	47,826.25	54,064.45	Accounting Clerk Utility District Clerk
7	43,667.44	50,217.56	56,767.67	Finance Technician Police Technician Public Services Admin. Coordinator
8	45,850.81	52,728.43	59,606.05	
9	48,143.35	55,364.85	62,586.36	Planning & Zoning Technician Municipal Court Clerk
10	50,550.52	58,133.10	65,715.68	
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13	58,518.54	67,296.32	76,074.10	Engineering Techs Utility Technician/GIS Specialist
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18	74,686.13	85,889.05	97,091.97	Highway Operations Supervisor Utility Operations Supervisor Human Resources Manager Engineer
19	78,420.44	90,183.51	101,946.57	
20	82,341.47	94,692.69	107,043.91	Development Director Village Engineer Utility Director
21	86,458.54	99,427.32	112,396.10	Finance Director
22	90,781.47	104,398.69	118,015.91	Fire Chief Police Chief Director of Public Services
23	95,320.54	109,618.62	123,916.70	
24	100,086.57	115,099.56	130,112.54	Village Administrator

**RESOLUTION NO. 2022-129**

**RESOLUTION AUTHORIZING THE VILLAGE OF CALEDONIA TO AMEND 2022  
BUDGET TO ACCEPT FLEX GRANT FUNDS AND ASSOCIATED PURCHASES**

**WHEREAS**, The fire department has applied for, and received, a State of Wisconsin one-time flexible spending grant in the amount of \$38,700 earmarked for specific purchases as outlined in **Exhibit A**.

**WHEREAS**, the 2022 budget will need to be revised to reflect the flex grant revenue of \$38,700 and the additional offsetting expenses of \$38,700 for the items as listed in **Exhibit A**.

**WHEREAS**, the Village Finance Committee has reviewed this request and recommends that the Village Board authorize the procurement of the items as listed in Exhibit A, acceptance of the Flex Grant from the State of Wisconsin, revising account 400-00-43200, Grants by \$(38,700) and account 400-35-65030, Fire – Equipment by \$38,700 as outlined in fiscal note, **Exhibit B**.

**NOW, THEREFORE, BE IT RESOLVED** by the Caledonia Village Board authorizes staff to purchase items as listed in Exhibit A and to make the necessary amendments to the 2022 budget.

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin,  
this \_\_\_\_\_ day of December 2022.

VILLAGE OF CALEDONIA

By: \_\_\_\_\_  
James R. Dobbs, Village President

Attest: \_\_\_\_\_  
Joslyn Hoeffert, Village Clerk

Ambulance Service and Contact Information

Introduction

Introduction: In accordance with conditions of award for the Flex Grant, please review budget items and make adjustments based on the total award amount. Be sure to check calculations to avoid delays in processing payments. All revised budgets are due no later than 15 days from the date of the Notice of Award.

Contact Information

\*First Name

Jeffrey

Middle Name or Initial

\*Last Name

Henningfeld

\*Street Address

6900 Nicholson Road

\*City

Caledonia

\*State

Wisconsin

\*Postal Code

53108

\*Cell Phone Number

262 - 939 - 5689

\*Work Phone Number

262 - 835 - 2050

Service Information

Service Name

Caledonia Fire Department

License Number

6000356

Revised Budget Narrative

Instructions

Budget items - Please complete a budget for all categories that include eligible items. List different items separately and total all like items (for example, under Equipment, 2 cardiac monitors = \$20,000). Funds will be released in two-payments via direct deposit. The request for the 2nd payment will not occur until the 1st Expense Report is received. You may submit the Expense Report prior to the due date, if all funds have been expensed and you can provide documentation such as proof of payment.

Notice of Award Amount

\*What is the amount of money your service was awarded in the EMS Flex Grant Notice of Award?

106235

Supplies









**\*Is your service going to spend Flex Grant money on supplies?**

☒ Yes

☐ No

If you clicked **"Yes"** please fill out your item, cost and cost justification. If you have more than one item in this category, please click the **"Add Another"** category which will create another line for you to put the extra item, then click **"Done"** once you have finished. If you need to delete an entry, click on the edit icon on the left hand side and click the **"Remove"** button.

Item	Cost	Cost Justification
 (2) Cases each size disposable nitrile gloves ( S, M, L, XL)	\$2000 total ( \$250 Each Case)	Increased demand due to increased call volume, supply chain issues and the Covid -19 pandemic has dramatically increased the cost and use of this supply type. Historical budgetary allocations are unable to sustain current needs.
 Lifepak 15 NIBP Cuff - Large Adult Reusable (3), Pediatric (3), XI Large Adult (3)	\$630 Total \$70 each unit	Increased demand due to increased call volume, supply chain issues and the Covid -19 pandemic has dramatically increased the cost of this supply type. Historical budgetary allocations are unable to sustain current needs. Frequent decontamination of this equipment has shortened effective lifespan.
 Reusable SpO2 Sensors (4) Adult, (4) Pediatric	\$4730 Total, Adult \$550 each, Pediatric \$640 aach	Increased demand due to increased call volume, supply chain issues and the Covid -19 pandemic has dramatically increased the cost of this supply type. Historical budgetary allocations are unable to sustain current needs. Frequent decontamination of this equipment has shortened effective lifespan.
 Igel Supraglottic Airways (1) Case each size (S, M, L)	\$1620 Total, \$270 per case of 6	Increased demand due to increased call volume, supply chain issues and the Covid -19 pandemic has dramatically increased the cost of this supply type. Historical budgetary allocations are unable to sustain current needs. Non- visual airway reduces exposure to pathogens when securing an advanced air way versus endotracheal intubation.
 (1) Case Lucas 3 Suction Cups	\$300	Increased demand due to increased call volume, supply chain issues and the Covid -19 pandemic has dramatically increased the cost of this supply type. Historical budgetary allocations are unable to sustain current needs.
 (1) Case Halosil Disinfectant	\$420	Increased demand due to increased call volume, supply chain issues and the Covid -19 pandemic has dramatically increased the cost and use of this supply type. Historical budgetary allocations are unable to sustain current needs. Frequent decontamination of ambulances, equipment and facilities has exponentially increased the use of this product.



Equipment

**\*Is your service going to spend Flex Grant money on equipment?**

☒ Yes

☐ No

If you clicked **"Yes"** please fill out your item, cost and cost justification. If you have more than one item in this category, please click the **"Add Another"** category which will create another line for you to put the extra item, then click **"Done"** once you have finished. If you need to delete an entry, click on the edit icon on the left hand side and click the **"Remove"** button.

Item	Cost	Cost Justification
 Lucas 3 Chest Compression System	\$17000	Current EMS call volume has increased 21% over 2019 pre-pandemic levels. The increase in call volume required that a reserve ambulance be placed into service to meet these needs and remains in-service to date. This ambulance lacks this vital piece of EMS equipment that provides a “best practices” component of the BLS chain of survival. It also reduces the number of personnel required to provide care during a cardiac arrest, thereby reducing possible exposure to pathogens.
 (4) McGrath Video Laryngoscopes	\$12000 Total, \$3000 each unit.	
		This equipment provides a “best practice” for successful visual endotracheal intubation while reducing exposure to airborne pathogens and oral secretions when performing this critical life-saving skill.

Training

**\*Is your service going to spend Flex Grant money on training?**

☐ Yes

☒ No

Vehicle

**\*Is your service going to spend Flex Grant money on a vehicle or vehicle equipment?**

☒ Yes

☐ No

If you clicked **"Yes"** please fill out your item, cost and cost justification. If you have more than one item in this category, please click the **"Add Another"** category which will create another line for you to put the extra item, then click **"Done"** once you have finished. If you need to delete an entry, click on the edit icon on the left hand side and click the **"Remove"** button.

**\*Item:** 2023 Type I Ambulance with Ford F450 Chassis

**\*Cost:** \$67535

**\*Cost Justification:**

Increased call volume and delays in "turnaround" time due to decontamination required a reserve ambulance to be placed into service as a primary unit. This ambulance is a 2009 model year and is well past the typical service life of 4-7 years recommended for ambulances. Since January 1, 2020, EMS personnel have documented needed repairs or deficiencies 66 times. Repair costs during that same period total \$13,278. The unit has been out of service for extended periods to complete repairs. Interior surfaces are well-worn, and seating surfaces are cracked, making decontamination difficult. In addition, it is the only department ambulance lacking a power-load system for the cot. Studies prove that these systems reduce the incidence of cot-related injuries to patients and EMS personnel by at least 50%. A new ambulance would provide a safe, clean environment to provide quality care to our patients and would serve as a front-line unit. Successful award of the grant would allow us to dispose of the 2009 ambulance as surplus.

Staffing

**\*Is your service going to spend Flex Grant money on staffing or employee retention?**

☐ Yes

☒ No

## Attestations

Attestations

**\*Please attest that your organization will maintain for at least five years records sufficient to demonstrate that your expenses were compliant with applicable American Rescue Plan Act provisions.**

Signed on Sep 26, 2022 4:09:27 PM by 33585

**\*Please attest that funds awarded in your Flex Grant Notice of Award will be used to supplement your services existing organizational budget.**

Signed on Sep 26, 2022 4:09:27 PM by 33585

**\*Please attest that your service will not spend items that duplicate items spent with SFY 2023 Emergency Medical Services: Funding Assistance Program (EMS: FAP) money.**

Signed on Sep 26, 2022 4:09:27 PM by 33585

**\*Please acknowledge that you have read and are award of the conditions of the Flex Grant award. You are required to submit 2 Expense Reports that detail how funds were used for eligible purchases by March 31, 2023 and September 29, 2023.**

Signed on Sep 26, 2022 4:09:27 PM by 33585

VILLAGE OF CALEDONIA

FISCAL NOTE: AUTHORIZE ACCEPTANCE OF THE FLEX GRANT BY THE FIRE DEPARTMENT

FISCAL YEAR: **2022**

ACCOUNT NAME	ACCOUNT NUMBER	CURRENT BUDGET	YEAR TO DATE EXPENDITURES	CURRENT BALANCE	BUDGET MODIFICATION	BUDGET AFTER MODIFICATION	REMAINING BUDGET BALANCE
<b>DEPARTMENT: FIRE DEPARTMENT</b>							
Capital Projects Fund: Grant Revenue	400-35-43200	\$ -	\$ -	\$ -	\$ 38,700	\$ 38,700	\$ 38,700
Capital Projects Fund: Equipment	400-35-65030	\$ 166,000	\$ 5,874	\$ 160,127	\$ 38,700	\$ 204,700	\$ 198,827
		<u>\$ 166,000</u>	<u>\$ 5,874</u>	<u>\$ 160,127</u>	<u>\$ -</u>	<u>\$ 243,400</u>	<u>\$ 237,527</u>

Any unused funds from the Flex Grant as of 12/31/2022 will be automatically carried over into Fiscal year 2023.

## **McGrath Video Laryngoscope Flex Grant Purchase**

The Caledonia Fire Department is seeking procurement of (4) McGrath Video Laryngoscopes. This vital piece of equipment is used to assist paramedics whenever they intubate and to visualize obstructions in airways. It is the gold standard for advanced airways. The use of video laryngoscopes dramatically increases success of correct placement of endotracheal tubes and decreases the time it takes to place an endotracheal tube. With two personnel ambulances it is an essential piece of equipment. It also allows all our ambulances to be similarly equipped and operational ready. The department received funding for this equipment that was specifically approved by the state through the EMS Flex Grant, so it is a no cost issue to the Village. This would be purchased through Stryker, our sole source McGrath Video Laryngoscope vendor and whom we purchased our previous Video Laryngoscope. Cost of the video laryngoscopes and accessories is \$10,722.72.



## Stryker Quote

Quote Number: 10610596

Version: 1

Prepared For: CALEDONIA FIRE DEPT

Attn:

Remit to: Stryker Medical

P.O. Box 93308

Chicago, IL 60673-3308

Rep: Alex Yde

Email: alex.yde@stryker.com

Phone Number:

Quote Date: 11/14/2022

Expiration Date: 02/12/2023

### Delivery Address

Name: CALEDONIA FIRE DEPT

Account #: 1081072

Address: 6900 NICHOLSON RD

CALEDONIA

Wisconsin 53108

### End User - Shipping - Billing

Name: CALEDONIA FIRE DEPT

Account #: 1081072

Address: 6900 NICHOLSON RD

CALEDONIA

Wisconsin 53108

### Bill To Account

Name: CALEDONIA FIRE DEPT

Account #: 1081072

Address: 6900 NICHOLSON RD

CALEDONIA

Wisconsin 53108

### Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	301-000-000	LARYNGOSCOPE, VIDEO, MCGRATH MAC A03	4	\$2,456.59	\$9,826.36
2.0	340-000-000	LARYNGOSCOPE, BATTERY, MCGRATH 3.6V GRAY	4	\$54.03	\$216.12
3.0	X3-003-000	LARYNGOSCOPE, BLADES, X3, BOX OF 10	1	\$250.49	\$250.49
4.0	350-084-000	LARYNGOSCOPE, BLADES, MAC 2, BOX OF 10	1	\$143.25	\$143.25
5.0	350-086-000	LARYNGOSCOPE, BLADES, MAC 3, BOX OF 10	1	\$143.25	\$143.25
6.0	350-088-000	LARYNGOSCOPE, BLADES, MAC 4, BOX OF 10	1	\$143.25	\$143.25
Equipment Total:					\$10,722.72

### Price Totals:

Estimated Sales Tax (0.000%):	\$0.00
Freight/Shipping:	\$158.69
Grand Total:	\$10,722.72

Prices: In effect for 30 days

Terms: Net 30 Days

Contact your local Sales Representative for more information about our flexible payment options.

## **Lucas 3 Flex Grant Purchase**

The Caledonia Fire Department is seeking procurement of a Lucas 3, an automated chest compression system. This vital piece of equipment is used on cardiac arrest patients, and it is the gold standard for cardiac resuscitation events. These machines allow personnel to conduct other lifesaving procedures while quality compressions are being performed. With two personnel ambulances it is an essential piece of equipment. It also allows all our ambulances to be similarly equipped and operational ready. The department received funding for this piece of equipment that was specifically approved by the state through the EMS Flex Grant, so it is a no cost issue to the Village. This would be purchased through Stryker, our sole source Lucas 3 vendor and whom we purchased our previous four units. Cost of the system and accessories is \$18,973.42.





## Lucas 3 and Accessories

Quote Number: 10610733

Version: 1

Prepared For: CALEDONIA FIRE DEPT

Attn:

Remit to: Stryker Medical

P.O. Box 93308

Chicago, IL 60673-3308

Rep: Alex Yde

Email: alex.yde@stryker.com

Phone Number:

Quote Date: 11/14/2022

Expiration Date: 02/12/2023

Delivery Address		End User - Shipping - Billing		Bill To Account	
Name:	CALEDONIA FIRE DEPT	Name:	CALEDONIA FIRE DEPT	Name:	CALEDONIA FIRE DEPT
Account #:	1081072	Account #:	1081072	Account #:	1081072
Address:	6900 NICHOLSON RD	Address:	6900 NICHOLSON RD	Address:	6900 NICHOLSON RD
	CALEDONIA		CALEDONIA		CALEDONIA
	Wisconsin 53108		Wisconsin 53108		Wisconsin 53108

### Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	99576-000063	LUCAS 3, v3.1 Chest Compression System, Includes Hard Shell Case, Slim Back Plate, (2) Patient Straps, (1) Stabilization Strap, (2) Suction Cups, (1) Rechargeable Battery and Instructions for use With Each Device	1	\$16,446.22	\$16,446.22
2.0	11576-000060	LUCAS Desk-Top Battery Charger	1	\$1,152.00	\$1,152.00
3.0	11576-000071	LUCAS External Power Supply	1	\$364.80	\$364.80
4.0	11576-000080	LUCAS 3 Battery - Dark Grey - Rechargeable LiPo	1	\$704.80	\$704.80
5.0	11576-000048	LUCAS 12V-24V DC Car Cable	1	\$140.00	\$140.00
6.0	11576-000089	LUCAS Grip Tape for Slim Back Plate	1	\$28.00	\$28.00
7.0	11576-000046	LUCAS Disposable Suction Cup (3 pack)	1	\$137.60	\$137.60
Equipment Total:					\$18,973.42

### Price Totals:

Estimated Sales Tax (0.000%):	\$0.00
Freight/Shipping:	\$306.66
Grand Total:	\$18,973.42

Prices: In effect for 30 days

Terms: Net 30 Days



**RESOLUTION NO. 2022-130**

**RESOLUTION AUTHORIZING THE VILLAGE OF CALEDONIA TO PURCHASE A  
TYPE I AMBULANCE AND LIFEPAK 15 MONITOR & AMEND BUDGET TO  
ACCEPT FLEX GRANT FUNDS AND FOR LIFEPAK PURCHASE**

**WHEREAS**, As a portion of the Fire Department's Capital Improvement Plan, the Village Board approved a \$315,000 expenditure to purchase a Type I Ambulance with Ford F450 Chassis as a part of the 2022 & 2023 budgets.

**WHEREAS**, In accordance with Village expenditure ordinance, the fire department has sought and received multiple quotes for the ambulance purchase, with the lowest at \$315,928, from Jefferson Fire & Safety shown in **Exhibit A**.

**WHEREAS**, The fire department has applied for, and received, a State of Wisconsin one-time flexible spending grant in the amount of \$67,535 specifically earmarked to support the purchase of a 2023 Type I Ambulance with Ford F450 Chassis.

**WHEREAS**, The fire department feels that the purchase of an additional Lifepak 15 V4 Cardiac monitor/defibrillator is essential to ensure that all Caledonia ambulances are similarly equipped and operationally ready and is in the best interest in service to our residents.

**WHEREAS**, The fire department has received a quote for the Lifepak 15 V4 unit and associated equipment for \$36,254. The Fire Department has 4 Lifepak units currently and this would outfit the reserve unit. **Exhibit B**

**WHEREAS**, the 2023 budget will need to be revised to reflect the flex grant revenue of \$67,535 and the additional expense of \$36,254 for the Lifepak 15 V4.

**WHEREAS**, the Village Finance Committee has reviewed this request and recommends that the Village Board authorize the procurement the Type I Ambulance & Chassis from Jefferson Fire & Safety, the procurement of the Lifepak unit from Stryker, acceptance of the Flex Grant from State of Wisconsin, revise account 400-00-43200, Grants by \$(67,535) and account 400-35-65030, Fire – Equipment by \$36,254 as outlined in fiscal note **Exhibit C**.

**NOW, THEREFORE, BE IT RESOLVED** by the Caledonia Village Board that the authorize staff to purchase a Type I Ambulance with Ford F450 Chassis for \$315,928 from Jefferson Fire and purchase a Lifepak 15 from Stryker for \$36,254 and make the necessary amendments to the 2023 budget.

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin,  
this \_\_\_\_\_ day of December 2022.

VILLAGE OF CALEDONIA

By: \_\_\_\_\_  
James R. Dobbs, Village President

Attest: \_\_\_\_\_  
Joslyn Hoeffert, Village Clerk



# LIFE LINE

EMERGENCY VEHICLES

## AMBULANCE QUOTE

Village of Caledonia  
Jason Schuls  
5043 Chester Ln  
Racine, WI 53402  
bcjschuls@caledonia-wi.gov

Jefferson Fire & Safety Inc  
Rob Little  
7617 Donna Drive  
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Exp. Date: 12/30/2022  
Quote No: 10882-0003  
BODY: SUPER D

Caledonia Fire Department  
167" SUPERLINER TYPE I

12/12/2022

Page 1

PART NO	S	DESCRIPTION	QTY
== 167" SUPERLINER TYPE I - 1.000 04/03/13 ==			
MASTER PARTS REVISION DATE (Start 10-03-22 to 01-10-23)			
00-00-0500	<	<b>LIFE LINE WARRANTY</b> Warranties Include: Lifetime Modular Body Warranty Lifetime Electrical Harness Warranty Lifetime Limited Cabinet Warranty 5-Year/60,000 Mile Product Conversion Warranty 10-Year/100,000 Mile Electrical Warranty Elite System 6-Year Pro-Rated LL Paint Warranty Which is as follows: For 3 Years 100% 4th Year 50% 5th Year 25% 6th Year 10%	1
00-00-0700	<	<b>&gt;&gt;&gt;SHOP COPY DATE - FACTORY USE ONLY&lt;&lt;&lt;</b> Date Order Placed By Dealer:  Draft Work Order Process Date:  1st Dealer Draft Date:	1

PART NO	S	DESCRIPTION	QTY
		Final Dealer Draft Date:	
		Sign-Off Date:	
		Parts/Drafting/Paint:	
		Shop Release Date:	
		SFD:	
00-00-0800	<	<b>Customer Contact Person (Required For Factory Use)</b> Specify Name And Number: Battalion Chief Jason Schuls bcjschuls@caledonia-wi.gov Caledonia Fire Department 6900 Nicholson Rd Caledonia, WI 53108	1
00-00-2100	<	<b>Sales Rep: Rob Little 1-608-723-9126</b> Jefferson Fire & Safety, Inc.	1
00-00-FL00		Fill Unit With Fuel For Delivery (Charge To Dealer Account)	1
00-00-FN00	S < >	<b>Specify FORD Fleet Number If Available (FORD Chassis Only)</b> Specify FIN Number: T.B.A. If Available.  FOR GPC REBATE OF \$3000 HAS BEEN DEDUCTED FROM THIS QUOTE, THE GPC REBATE IS SUBJECT TO CHANGE  QJ132 (VILLAGE OF CALEDONIA)	1
00-00-PU00	<	<b>Specify Previous Unit Number: (FACTORY USE ONLY)</b> 499020SD1	1
00-02-1000	S < >	***BODY STYLE*** <b>167" x 96" SUPERLINER TYPE I PASS-THRU (F-450/550 OR DODGE)</b> Call For Factory Approval Before Customer Quote. Call For Chassis Pricing.  ***CHASSIS***	1
10-00-0100		<b>Chassis VIN Number: (FACTORY USE ONLY)</b>	1

PART NO	S	DESCRIPTION	QTY
10-00-4900	S	< > <b>2023 Ford F-450 193" W.B. 16,500 GVWR 4 WD Cab/Chassis</b> Includes the standard Ford O.E.M. 3 year/36,000 mile warranty.  CHASSIS PRICING SUBJECT TO CHANGE WITHOUT ANY NOTICE BY FORD.	1
10-00-5310	S	< <b>Order Ford Chassis with OEM Aluminum Wheels ILOS Steel Wheels</b> This option ordered with the chassis.	1
10-00-5401	S	< <b>Ford XLT (17V) Value Package</b> Ford XLT value package (17V)  Includes: -Auto lock/unlock -Power adjustable pedals -Eight-way powered driver's seat -Securi-Code keyless entry keypad on the driver's side.  Final Price T.B.D.	1
10-00-6050		< > <b>Liquid Spring Suspension Kit For Ford F-450</b> ALL WARRANTY ISSUES/CLAIMS GO TO THE INSTALLER. Mount the controller left of the steering column on OEM dash.	1
10-01-3400		< <b>**FACTORY USE ONLY**</b> Spare Chassis Keys And Owner's Manual Present.	1
10-01-8000		> <b>Delete Standard Wheel Covers</b>	1
10-01-9500		> Ship The Spare Tire Loose	1
10-02-1200		< <b>F-Series O.E.M. Door Mirrors</b> Dual Arm Power/Heated Trailer Tow Mirrors.	1
10-02-3500		O.E.M. Radio W/Cab Speakers	1
10-02-5000		<b>Low Voltage Throttle Manager</b>	1
10-02-5700		< <b>Hand Held Cab Spot Light</b> 12 volt outlet included. Specify location for the outlet. Behind the drivers cab seat.	1
10-03-0000	S	< > <b>Large Custom Floor Console</b> Top Flat Area: * Air Horn Button, Driver Side. * Suspension Light. Centered. Angled Portion: * Elite Touch Screen. Driver Side as high on angled area as possible. * Siren. (driver side)	1



PART NO	S	DESCRIPTION	QTY
		<p>* Traffic Advisor, under Siren.            * Tire Pressure Monitor To The Right Of The Siren And Traffic Advisor.            Flat Portion For (3) Map Slots.</p> <p>THERE WILL BE NO CUP HOLDERS IN THE CONSOLE, WILL NEED ADDITIONAL ROOM ON THE ANGELED FACE THEREFORE WE ARE DELETING THE CUP HOLDERS.</p> <p>Add a full ABS panel on angled portion of the console.</p>	
10-03-8200	<	<p><i>Add Auto Dump Feature To Rear O.E.M. Lowering Suspension System w/"OS" Light</i>            Wire Circuit To Auto Dump From The Secondary Rear Door Switch.            Includes: ON/OFF Safety Switch On Inner Primary Rear Door Panel.            Includes #E24072 Stainless Safety Guard Around Switch.            Whelen Red "OS" System Dumped Warning Light On Front Console, top flat area, centered.</p>	1
10-03-9600	S < >	<p><i>3 Delco #1150 (700 CCA) Group 31 Batteries</i>            SLIDE OUT P-2 BATTERY TRAY WILL HAVE THREE GROUP 31 BATTERIES.</p> <p>NOTE: THIS P2 AREA IS SLIGHTLY WIDER TO ACCOMODATE 3 BATTERIES.</p>	1
10-04-3500		Owner's Manual (1 Included With Unit)	1
10-DL-0200	S <	<p><i>Tire Pressure Monitoring System</i>            Tire Pressure monitoring system is the Pressure Pro Pulse. Monitor.            This kit includes the following:            - #PPMA/PLS-100 Pulse Monitor. Surface mounted to the right of the siren and traffic advisor.            - PLS-200P Pulse fixed end power cord            - PLS-850K antenna cable kit w/SMA connection            - (6) Wheel Sensors PN# SEN-200 B.0            Note To Parts: Kit Only comes with (4) Sensors need to order (2) additional sensors.</p> <p>Front Wheels - the sensors will screw directly on to the valve stem.            Rear outer Tandem tire - the sensors will screw directly onto the valve stem.            Rear inner Tandem tire - a whip extension(hose extender) and "L" bracket will need to be furnished to bring the sensor to the outside tire lug nut, and then can screw on to the valve stem extension.</p> <p>Valve extenders on inner duals.            "L" bracket is PN# VBK-L supplied by Life Line.</p>	1

PART NO	S	DESCRIPTION	QTY
***MODULAR BODY TYPE I***			
15-01-1600	< >	<i>Federal K-Spec Package</i> Includes 2-5# Fire Extinguishers. Ship Loose. Oxygen Wrench. Ship Loose.	1
15-01-5000	>	<i>Standard 72" Finished Headroom</i>	1
15-01-9005		<i>Cab To Module Sliding Pass-Thru Window</i>	1
15-02-0000		<i>Standard Perko Body Intake And Exhaust Vents (3-STD)</i>	1
15-02-1600	<	<i>1 Piece Stainless Steel Wheel Well Trim Rings (Small)</i> 18.75" radius for Ford F-Series. #F04200.	1
15-02-2500		<i>Standard Cast Fuel Fill Housing</i>	1
15-02-2605	<	<i>Standard F-Series DEF Fill Mounted Streetside Module in Front of Wheel Well</i> Mounted on the street side of the body in front of the wheel well.	1
15-02-3220	>	<i>Shoreline Cover Plate Painted &amp; Mounted to Module Body (Ea)</i>	1
15-DL-9902	>	<i>Standard 3" Lowered Front Body Skirts F-Series &amp; Dodge</i> ***MODULE DOORS AND WINDOWS***	1
20-00-0100	<	<i>2 Red Reflectors On Each Module Entry Door</i> One Mounted At The Top And One Mounted At The Bottom.	1
20-00-0500	<	<i>Combination Extruded/Pan Formed Module Entry Doors</i> With Clean Seal #50512 Door Gaskets. Includes Stainless Steel Sill Plates. Non-Slip Tape on Side Entry Sill Plate.	1
20-01-0000	<	<i>Full Height Side Entry Door With Gas Style Hold-Open</i> Position The Hold-Open At 90 Degrees. Identified as P-3. NARROWER SIDE ENTRY DOOR.	1
20-01-1000		<i>Side &amp; Rear Entry Door Thresholds With Black/Yellow Safety Anti Slip Tape</i>	1
20-01-2500	< >	<i>Sliding Side Entry Door Window (Standard Tint)</i> Sliding Window With Screen.	1
20-01-3500		<i>Rear Doors With Grabber Style Hold-Opens</i>	1
20-01-5000	>	<i>Fixed Rear Entry Door Windows (Standard Tint)</i>	1
20-01-9000	<	<i>Delete Exterior Assist Handle On Side Or Rear Entry Doors (Ea)</i> Specify Deletion Location: Side and Rear Entry Doors.	3
20-02-0000		<i>Tri-Mark 030-18 Free Float Handles with Chrome Exterior and Black Pocket</i>	1



PART NO	S	DESCRIPTION	QTY
20-02-1500		Primary & Secondary Exterior & Interior Rear Door Free Float Handles Standard	1
20-02-1600		<i>Secondary Door Release Latches On All Entry Doors</i>	1
20-02-2500		<i>Shielded Cable Activated Module/Compartment Door Latches</i>	1
20-02-3500		<i>Cage Nuts On All Door Panels</i>	1
20-02-4000		<i>Polished Diamond Plate Lower Module Entry Door Trim Panels</i>	1
20-02-6000	< >	<i>Diamond Plate Side Entry Door Stepwell W/Sealed Seam Edges</i> TYPE 1'S WILL HAVE DUAL SIDE ENTRY STEP STANDARD.	1
***EXTERIOR COMPARTMENTS***			
25-00-0100	<	<i>SPECIAL NOTE TO DEALER</i> Custom Compartment Options/Designs Not Listed In The Published Options List MAY Result In Additional Charges.	1
25-00-0200	<	<i>2 Red Reflectors On Each Full Height Compartment Door</i> One Mounted At The Top And One Mounted At The Bottom. One Reflector Mounted On Each Standard Height Compartment Door.	1
25-00-0500	<	<i>Combination Extruded/Pan Formed Compartment Doors</i> With Clean Seal #50512 Door Gaskets And Stainless Steel Sill Plates. Includes Gas Style Hold-Opens Unless Otherwise Noted. Special Note To Production: Position All Gas Hold-Opens For Maximum Allowable Door Opening. Does Not Include Doors That May Hit Other Compartment Doors.	1
25-00-0600		<i>Polished Diamond Plate Exterior Compartment Door Panels</i>	1
25-01-0000		<i>Magnetic Compartment Door Switches</i>	1
25-01-1000		<i>Polyurethane Compartment Lining-Standard Gray</i>	1
25-01-2500	< >	<i>Standard TecNiq Model E41 LED Strip Lighting Surface Mounted Compartment Lights</i> One Strip To Be Installed Vertically Inside Door Frame Against Wall #1 Or #3 As The Standard.  The Standard Light Lengths Used Are: 18" E22140 31.5" E22141 54" E22145 72" E22149	1
25-01-3300		<i>Black Texture Coated Aluminum Exterior Compartment Vents</i>	1
25-01-5000	S <	<i>1 Fixed And 1 Adjustable IS/OS Compartment PVC Shelves</i> (1) Adjustable In The Upper Section. Inside Access Only.	1



PART NO	S	DESCRIPTION	QTY
25-04-3000		< > Delete Superliner Curbside Front Backboard Compartment Specify Alternate Backboard Compartment: P-4.	1
25-04-4000	S	< Half Height Superliner Curbside Front Compartment P-1 Compartment. The inside of this compartment will not have inside access. Customer will use this section for turnout firefighter gear. Please vent to the outside (wall #3) to allow smell of smokey gear to not enter the patient compartment. Vent like previous #4990	1
25-04-7500	S	< Vortex Lined Walls In Compartment Specify Color: STD GRAY. P-1 Compartment. EXTERIOR ACCESS ONLY COMPARTMENT.	1
25-04-8000		< Superliner Curbside Front Battery Compartment P-2 Compartment.  NOTE: Slightly wider than previous to accommodate 3 batteries.	1
25-05-3000		< > Superliner Curbside Rear Backboard Compartment P-4 Includes Fixed Vertical Divider. Install The Vertical Divider From Bottom Of Notch To The Floor. Compartment Is Notched For Interior Cabinet Design.  LOWER DOOR SO THAT BOARDS CAN'T FALL OUT WHEN UNSTRAPPED. USE A 2" STRAP FROM WALL 1 TO THE DIVIDER. THIS STRAP WILL BE PLACED AT 1/2 HEIGHT OF THE DOOR OPENING.  SPECIAL NOTE: THIS COMPARTMENT IS TO BE DEEP ENOUGH FOR A STAIR CHAIR.	1
25-05-3500		< Superliner Full Height Streetside Front Compartment D-1 Compartment.	1
25-05-4500		< Superliner Streetside Front Single Door Intermediate Comp D-2 Compartment.	1
25-05-9000		< 3/4 Height Single Door Streetside Rear Compartment D-3 Compartment.	1
25-11-8000		< > Diamond Plate Adjustable Shelf W/ Ribbed Rubber Matting (Ea) Diamond Plate With Standard 2" Lips.	1

PART NO	S	DESCRIPTION	QTY
		Specify Compartment: (1) D3 - LOWER SECTION.	
25-12-1000	<	<i>Fixed .125" Vortex Covered Aluminum Vertical Divider (Ea)</i> Specify Compartment: (1) D1 - FORWARD OF O2 BRACKET. Similar to 4990	1
25-12-9000	<	<i>Black Dri-Dek On Compartment Floor (Each)</i> Specify Compartments: P1, P4, D1, D2, D3.	5
25-13-6500	<	<i>Split Level Compartment Depth Design (Ea)</i> Specify Compartment: (1) D3 Compartment Upper 1/3 Section To Be 10" Deep.	1
25-CS-0500	S < >	<i>Install Dealer Supplied S.C.B.A. Bracket (Ea)</i> Specify Compartments: (1) P-1, Wall #2 Centered. (1) Upper section of D-3, Centered. (1) D-2, On Wall #2 Right Side, Closer to Wall 3, but leave room for air pack itself.  Specify S.C.B.A. Brand: SCOTT Specify Tank Pressure Rating: 4500 PSI Specify Tank Minute Duration: 45 MINUTES NOTE TO PRODUCTION: THESE BRACKETS WILL HOLD THE ENTIRE AIRPACK, NOT JUST THE BOTTLES. LEAVE ROOM FOR COMPLETE PACK. THESE LOCATIONS WILL NEED THE APPROPRIATE WALLS PLATED. Similar to 4990  Life Line Installed/ Dealer Supplied.	3
25-CS-0510	<	<i>Custom Compartment Notch (ea)</i> Specify Compartment: P-4 For Interior Cabinet Design.  ***REAR STEP AND BUMPER ASSEMBLY***	1
30-01-0500	<	<i>STD Rear Bumper With Rubber Dock Option</i> Standard Rear Bumper With Rubber Dock Bumper Option. Includes Standard Reinforced Corner Angle Supports & Aluminum Sub-Frame Bumper. Center Section And End Caps To Be At The Same Height.  Truss Head Style Phillips Screws Are To Be Used To Secure The Diamond Plate Bumper Pod To The Sub-frame	1
30-01-3500	>	Full Width Diamond Plate Rear Kick Plate	1

PART NO	S	DESCRIPTION	QTY
<b>***IMPACT RAILS, STONE SHIELDS AND RUNNING BOARD***</b>			
35-01-0000	<	<i>One Piece Body Side Panels With Aluminum Lower Impact Rails</i> Includes Lower Impact Rails Only.	1
35-01-2000	>	Diamond Plate Running Boards	1
35-01-7100	< >	<i>Whelen 2G 4" Round L3 Intensity Grommet Mounted Running Board Lights (Pr)</i> Lights Are Mounted With 2GROMMET Grommets.	1
35-01-7500	>	<i>Rear Mud Flaps With Metal Stabilizers</i>	1
35-01-9000		Stainless Steel Compartment And Entry Door Sill Plates	1
35-02-2500	<	<i>36" High Front Stone Guards</i> With Sealed Top Edge.	1
<b>***ELECTRICAL SYSTEM***</b>			
40-00-0550	< >	<i>Elite G3 Touch Screen Electrical System</i> Includes: (1) Front Switch Panel, (1) Rear Switch Panel.  (2) Carling Switches (1) Center Strip Lights (1) Momentary Disable Switch For Curb Side Scene Lights. Standard Location Is The R.F.S. Cabinet. Includes Stainless Guards around the switches. #E24072.  (1) Electric Oxygen with Regulator And Oxygen Display. Regulator Mounted On A Bracket Remote From The Oxygen Tank. Includes High Pressure Hose From The Tank To The Regulator.  (3) Power Point Studs - They Will Include A Full-time Hot, Battery On (Ignition Hot), & Ground. Dealer To Specify Location: Auxiliary Electrical Cabinet.  (1) Back-Up Camera (ASA VCMS20). White. NOTE: BACK UP ALARM WILL NOT HAVE A CANCEL OPTION  Streetside Dome Lights On Low With Entry Door. (On High Is Not An Option)	1
40-01-0100	< >	<i>Move Rear Switch Panel To The Curbside Wall</i> Specify Mounting Location: Angled cabinet below the head end of the bandage cabinet.	1
40-01-0410	< >	<i>Additional Carling Switch (ea)</i> Specify Location: Primary Rear Entry Door. Specify Functions: Rear Scene Lights Disable.	1
40-01-0430	<	<i>Stainless Steel Guard For Carling Switch (ea)</i> LL# E24072	1



PART NO	S	DESCRIPTION	QTY
		Specify Location: Primary Rear Entry Door For The Rear Scene Lights Disable Switch.	
40-01-2000	<	Reverse Activated Alarm With Momentary Auto Reset Switch ECCO #575 Alarm. Note: THERE WILL BE NO CANCEL OPTION.	1
40-01-5000	< >	Super Auto Eject Shoreline - 20 Amp Specify Location: ABOVE D2 Painted Shoreline Plate #LL1601. Specify Inlet Cover Color: WHITE  SPECIAL NOTE ABOUT 115 VOLT CURRENT DRAW (AMPS) This Unit Has A 20 Amp Shoreline Inlet That At A Capacity Rating Of 125% Has A Maximum Amperage Load Of 16 Amps. This Unit As Ordered Has A Total 115 Volt Amp Draw Of ** Amps. This Leaves A Reserve Of ** Amps For Interior Outlets. This DOES NOT Include Any Customer/Dealer Installed Equipment.  PROVIDE (2) ADDITIONAL SHORELINE PLUGS WITH COMPLETED VEHICLE.	1
40-01-6900	S <	**FACTORY USE ONLY** (2) Shoreline Inlet Adapter Plus Present.	3
40-01-9500	>	IOTA DLS-45 Battery Charger	1
40-03-0000	<	Action Area Dual 2.4 amp USB Charger And 20 amp 12v Outlet Full Time Hot Circuit. Note: Load Center Breaker #2 Requires GFI Type.	1
40-03-2000	<	R.F.S. Cabinet Dual 2.4 amp USB Charger And 20 amp 12v Outlet Mounted In The UPPER Section On Wall #1. Full Time Hot Circuit.	1
40-03-5500	<	Add 12 Volt Power Outlet (Ea) Full Time Hot Circuit. Specify Locations: (1) Right side of the drawer at the head end of the curbside squad bench. (1) Behind the drivers seat base, IATS. (1) R.F.S. upper section, just below the standard USB/12 volt outlet.	3
40-03-6000		Action Area 125 Volt Standard Style Hospital Grade Outlet	1
40-03-7000	<	R.F.S. Cabinet 125 Volt Standard Style Hospital Grade Outlet	1

PART NO	S	DESCRIPTION	QTY
		Mounted In The UPPER Section On Wall #1.	
40-03-8500	<	Add 125 Volt Standard Style Hospital Grade Outlet (Ea) Specify Locations: (1) Right Side Of The Drawer At The Head End Of The Curb Side Squad Bench. (1) Behind The Driver's Seat Base. Install in an exterior grade outlet box with flip covers.	2
40-04-4000		> Power Door Locks For Side Entry & Rear Entry Doors	1
40-04-5500	S	> Hidden Switch In Grille For Power Door Locks (Unlock Module Only)	1
40-04-7000	S	< Interior Body Switch For Module Power Door Locks (Ea) Specify Location: Curb side wall near the side entry door above headend squad bench work cabinet. Similar to #4990.	1
40-05-0500	<	2 Kenwood Speakers Mounted In The Ceiling Center Strip Volume Control Mounted In The Street Side Action Area. KFC-1366S Speakers.	1
40-06-1000	< >	Dometic Coolmatic Electric Refrigerator Freezer - SC/DC -1.6C/F - 12/120 Volt CRX-1050U/F Specify Location: LOWER WALK THRU CABINET. Not intended for Drug Storage MANUFACTURER WARRANTY ONLY APPLIES.	1
***INTERIOR LIGHTING***			
45-01-0000		Oxygen Compartment Light	1
45-01-0500		Side Entry Door Stepwell 3" Round LED Light	1
45-01-1510	<	8 Ceiling Lights Tecniq 8" LED Neutral White Frosted Dome With Chrome Trim 4-Streetside 4-Curbside TecNiq# E08-LC00-1	1
45-01-3000		TecNiq LED Action Area Light	1
45-01-5510	< >	6 - 3" Round Super-LED Surface Mounted Lights Down Center Strip Whelen Part #3SC0CDCR With #3FLANGEC Chrome Flange With Gasket.	1
45-02-3000	<	Brake Light Mounted On The Rear Head Cushion (Ea) Mount on each side Of The Rear Head Cushion. Similar to #4990. ("OS" Series Red LED).	2



PART NO	S	DESCRIPTION	QTY
45-02-4000	<	<i>Rear Turn Lights Mounted On The Rear Head Cushion (Pr)</i> Mounted On Each Side Of The Rear Head Cushion. ("OS" Series Amber LED).	1
***EXTERIOR LIGHTING***			
50-01-0001	<	<i>Whelen M6 Series "LED" Stop/Tail Lights (Pr)</i> #M6BTT Mounted Above The Rear Kick Plate.	1
50-01-6001	<	<i>Whelen M6 Series "LED" Amber Turn Lights (Pr)</i> #M6T Mounted Above The Rear M6 Series LED Stop/Tail Lights. They shall be programmed to flash sequentially in the direction of the arrow.	1
50-02-7000	< >	<i>Whelen M6T Series "LED" Amber ArrowTurn Light IATS (Pr)</i> Specify Location: Programmed To Flash Sequentially In The Direction Of The Arrow.	1
50-02-9000	>	<i>C.P.I. License Plate Housing</i>	1
50-02-9501	<	<i>Whelen M6 Series LED Back-Up Lights (Pr)</i> #M6BUW Mounted Above The Rear Turn Lights Unless Otherwise Specified.	1
50-02-9510	S	<b>DELETE LINE</b>	1
50-03-4902		<i>Whelen Two Reverse Activated M7ZC LED Rear Load Lights</i>	1
50-03-8401		<i>Whelen M9LZC Side Scene Lights (Two Each Side)</i>	1
50-03-9000		Right Side Scene Lights On With Open Side Entry Door	1
50-04-7500	>	<i>Federal Commander COM1 "LED" ICC Marker Lights</i>	1
50-04-8000	<	<i>Innovative Lighting Slimline Rear DOT/Brake Light</i> Mounted Above The Rear Doors. Mounted Above The Drip Rail. Mid Sections To Be Wired Thru The Brake Light Circuit.	1
***RADIO PROVISIONS AND AIR HORNS***			
	<	Pricing does not include installation of customer supplied radio equipment unless otherwise stated. All customer supplied radio equipment must be received at Life Line prior to construction start date.	
55-01-3040	< >	<i>(2) 21" AHT Air Horns Mounted Thru Bumper Valance</i> <i>F-Series w/Comp</i> Includes: LL# F15011 Standard Duty Compressor Specify Compartment For Compressor Location: D2, Upper Left Hand Corner. NOTE: There Is An Additional Charge If The Compressor Is Not	1

PART NO	S	DESCRIPTION	QTY
		Mounted In A Compartment. Mesh Cover Over Pump One Standard Frame Mounted Air Tank (2) LL# F15005 21.5" Grover Stuttertone Air Horns Push Button on front console, top flat section, driver side.	
55-01-8500	<	<i>KE-794 Antenna Base With Coax</i> Specify Termination Location: (1) Mid-Front Module Roof To The Auxiliary Electrical Cabinet.  Coil, Zip Tie & Tag. Include rain caps on all module roof antenna bases.	1
55-02-1100	<	<i>Install Customer Supplied Module Roof Antenna(Ea)</i> Specify Termination Location: (1) FRONT CORNER ABOVE D1 TERMINATE IN AUX ELECTRICAL. ANTENNA - AIRGAIN ULTRAMAX MIMO AP-CCWG-Q-S2222-RP3-BL.  Coil, Zip Tie & Tag.	1
55-02-5500	< >	<i>Radio Pre-Wire Power And Ground 20 AMP Or Less Circuit (Ea)</i> Full Time Power And Ground And Ignition On Circuits. Butt Splice Termination Points. Specify Termination Locations: (1) FRONT CONSOLE. (1) ACTION AREA BEHIND REMOVABLE PANEL.	2
55-DL-0100	S <	<i>Install Customer Supplied Tri Band Antenna On CPI Pod</i> (1) Install Customer Supplied Tri Band Antenna On CPI Pod - Instead of installing a customer supplied Tri Band Antenna on the light bar pod install a Life Line KE-794 Antenna. Include rain cap on this antenna base.  Install on short light bar pod below Light #2 and #3. Part # CPI # LB0031-1.  NOTE TO PRODUCTION: They need the 'whip' part above the box, but not the rigid base. Basically the base needs to be only a minimum of 9" below the roof line. Ref. 4990  Coil, Zip Tie & Tag. See 85-DL-0100 for Painting Option.	1
	S <	***SIRENS AND EMERGENCY LIGHTING*** ALL WARNING LIGHTS WILL REMAIN ON IN BOTH PRIMARY AND	



PART NO	S	DESCRIPTION	QTY
		SECONDARY MODES EXCEPT FORWARD FACING CLEARS WILL SHUT OFF IN SECONDARY.	
60-01-1000		<p>&lt; &gt; <i>Standard Siren Whelen 295HFS2 Siren System</i>  THIS IS A SINGLE AMP SIREN.  MEETS 49 STATE REQUIREMENTS.</p> <p>Mount the siren head on front console below the Elite Touch Screen, Driver Side.</p>	1
60-01-4500		<p>&lt; &gt; <i>Federal Signal ES100C Behind Bumper Siren Speakers (F-Series)</i>  Mounted Behind Bumper Wings  "F" guard Cover Included</p>	1
60-01-9001		<p>&lt; &gt; <i>4 Whelen M9 Series "LED" Side Module Warning Lights</i>  Part # M9R  Mount The Side Lights Inline.</p> <p>Model # ILOS:  Specify KKK Or Comet Flash Pattern: MODUFLASH</p>	1
60-02-5000		<i>Delete The 2 Standard Front Module Warning Lights (Credit)</i>	1
60-02-8100		<i>Delete The Standard Center Front Module Warning Light (Credit)</i>	1
60-03-2500		<i>Delete The 2 Standard Rear Warning Lights (Credit)</i>	1
60-04-4500		<i>Delete The Standard Rear Center Warning Light (Credit)</i>	1
60-04-5295		<p>&lt; &gt; <i>2 Whelen M2 Series "LED" Grille Lights (Type I)</i>  Part #M2R</p> <p>Model # ILOS:</p> <p>Specify KKK Or Comet Flash Pattern: MODUFLASH</p>	1
60-05-0494		<p>&lt; &gt; <i>2 Whelen M7 Series "LED" Intersection Lights (Type I)</i>  Part #M7D</p> <p>Model # ILOS:</p> <p>Specify KKK Or Comet Flash Pattern: MODUFLASH</p>	1
60-05-0500	S	> <i>DELETE LINE</i>	1
60-06-6001		<p>&lt; &gt; <i>2 Whelen M7 Series "LED" Rear Wheel Well Lights</i>  Specify Whelen Light Number: M7R</p> <p>Specify KKK Or Comet Flash Pattern: MODUFLASH</p>	1

PART NO	S	DESCRIPTION	QTY
60-07-1530	< >	<p><b>7 Whelen M9 Series "LED" Front Module Warning Lights</b>  <b>Clear Lens</b>  Specify Whelen Part #:  (5) #M9RC - Red with Clear Lens. Positions 1,2,4,6,7.  (2) #M9C - White with Clear Lens. Positions 3,5.  <b>LAYOUT TO BE ON FRONT WALL - R/R/C/R/C/R/R.</b>  <b>Modu Flash Pattern:</b></p> <p>Specify KKK Or Comet Flash Pattern: MODUFLASH</p>	1
60-09-0495	<	<p><b>Tomar Traffic Pre-Emption Strobe with Power Supply</b>  (1) RECT-37S Clear Light  (1) E23223 Chrome Bezel  (1) 401-1228-PREHI Emitter Power Supply.</p> <p>Mounted under center light on front wall.</p>	1
60-10-0001	<	<p><b>Whelen M7 Red Or Amber Or Blue Or Clear "LED" Light (Ea)</b>  Specify Color:</p> <p>Specify Location: Rear Of Module.  (5) #M7A - Amber with Amber Lens. Positions 1,3,4,5,7.  These (5) wired thru traffic advisor controller.</p> <p>Specify Location: Rear Window Level Lights.  (4) #M7R - Red with Red Lens.  (2) Mounted To Show Thru The Streetside Rear Window Level.  Flashing Together And Opposite Curbside Window Lights.  (2) Mounted To Show Thru The Curbside Rear Window Level.  Flashing Together And Opposite Streetside Window Lights.  Pri/Sec Switch.</p> <p>Comet Flash Pattern Through The Elite Screen. Set To Steady.</p>	9
60-DL-0100	S <	<p><b>Whelen TACTL5 Controller</b>  Specify Custom Option: INSTALL WHELEN TRAFFIC ADVISOR  CONTROLLER FOR THE (5) REAR AMBER LIGHT HEADS AND MOUNT  BELOW THE SIREN CONTROL HEAD ON THE FRONT CONSOLE.</p> <p>NOTE: Traffic Advisor shall power on with Emergency Master. There  shall be a switch on the HED screen for the Traffic Advisor that turns  on With Emergency Master.</p> <p>&lt; <b>***PATIENT COMPARTMENT***</b>  NOTE: FRONT BULKHEAD WALL AROUND PASS THROUGH WILL  NEED TO BE REINFORCED FOR INSTALLING FLASHLIGHTS AND  PORTABLE RADIOS.</p>	1

PART NO	S	DESCRIPTION	QTY
65-00-9900	<	<b>SPECIAL NOTE TO DEALER</b> Custom Cabinet Options/Designs Not Listed In The Published Options List MAY Result In Additional Charges.	1
65-01-3000	<	1/4" Clear Polycarbonate Sliding Doors On Cabinets Includes Brushed Finish Interior Trim.	1
65-02-2240	< >	<b>"Dealer/Customer Supplied Package" Stryker Power or Performance Load System</b> INSTALL DEALER SUPPLIED POWER LOAD.  Will Be Center Mounted Unless Otherwise Specified Includes: Floor Structure - Tapping Blocks Life Line Supplied Floor Plate Wire with 10 Gauge Power and Ground with a 15 Amp Circuit Breaker Powered by Shoreline or Battery on Power. The Power And Ground Is Run To Inside The Track, Or To Trolley If Supplied. Complete 6390 Power or 6392 Performance Load System Installed Be sure to leave main power switch in the off position. Does NOT include cot. Includes Std. Life Line Push Rail Floor Mount Stryker Part# 6390-30-11 Does Not Include Push Rail.	1
65-02-8000	<	<b>L.R.O. Cabinet With Speed Load Door</b> With Positive Lock Feature. Includes (1) Adjustable PVC Shelf.	1
65-03-3500	<	<b>Cabinet Above The Side Seat With Speed Load Door</b> With Positive Lock Feature. This is a two section cabinet.	2
65-03-7500	<	<b>L.F.O. Cabinet With Speed Load Door</b> With Positive Lock Feature. Includes (1) Adjustable PVC Shelf.	1
65-04-2100	< >	<b>Left Rear Base Cabinet W/Hinged Solid/Polycarbonate Doors</b> Double Side Hinged Solid Surface Doors With Vented Polycarbonate Inserts. M1 Latch on Rearward Door. Includes (1) Adjustable PVC Shelf.	1
65-04-6600		<b>Delete Standard Telemetry Area Cabinet</b>	1
65-04-8100	<	<b>Delete Standard Lower Telemetry Area Cabinet (Factory Use)</b> Deleted Due To Custom Compartment Or Cabinet Design ILOS.	1



PART NO	S	DESCRIPTION	QTY
65-04-8500	<	Action Area Cabinet With Sliding Polycarbonate Door Include A Removable Panel Above Cabinet "F" As Drawn.	1
65-05-0100	S <	Pfund Style Fold-Down Locking Drug CURBSIDE FOOT END ABOVE COUNTER TOP.  To Include Gas Hold-Open On Each Side. Mc Master #6521K31 (Requires 2). Mc Master Ends #9416K86 (Requires 4). Austin #L8800SS90 Locking Paddle Latch. Does Not Include Lift-Out Drug Tray Unless Otherwise Ordered.	1
65-05-2100	<	Delete Standard Lower Action Area Cabinet (Factory Use) Deleted Due To Custom Compartment Or Cabinet Design ILOS.	1
65-05-2500	< >	Action Area Tip-Out Trash Cabinet Below Streetside bench. Includes pull handle.	1
65-05-4600	<	SS Squad Bench w/Contoured Ergo Backrest & 4-Point Seat Belt ILOS CPR Seat Includes 1 Set of Black IMMI 4-Point Seat Belts. Includes 3 Cot Restraints & Retractors. Backrest to be #MV104 Cobalt.	1
65-05-8005	< >	Rear Facing Valor Sewn Attendant Seat w/Child Safety Seat On Pedestal/Swivel Valor Sewn Seat with Child Safety Seat & Life Line Logo Color: Wedgewood (Dark Blue)) To Match Cushion Color. Includes 4-Point Belt Question: Will there be an O2 Bottle Attached to the Head of the Cot? Yes.  Note: This Will Be 8.50" From The Left Wall Like Their Previous Unit.	1
65-05-9795		Delete Contoured Ergo Backrest/IMMI 4 Point Seatbelt (Ea)	2
65-06-2000	< >	Rear Facing Electrical Cabinet And Door Vent accordingly.	1
65-07-0000	< >	Right Front Upper ALS Cabinet With Solid/Polycarbonate Doors Solid Surface Doors With Vented Polycarbonate Inserts. Dual M1 Latches. Includes (1) Adjustable PVC Shelf.	1
65-07-5000		Delete Right Front Lower ALS Cabinet Doors	1
65-07-5300	<	Top R.F.S. Cabinet W/Top Hinged Solid Door ILOS Heat/AC Includes Gas Style Hold-Opens. M1 Latch, Lower Left Corner.	1

PART NO	S	DESCRIPTION	QTY
65-07-9000		< > Add Cabinet In The Lower Walk-Thru Area With Solid Surface Corian Counter Top Area. Standard Lip. NO DOORS, THIS IS WHERE THE DOMETIC REFRIGERATOR WILL BE INSTALLED.	1
65-08-0500		< CS Squad Bench w/Contoured Ergo Backrests w/1 Piece Lid & No Divider Includes 1 Set Of Black IMMI 4-Point Seat Belts. Center Seat As Much As Possible. Backrest to be #MV104 Cobalt.  NOTE: DROP STORAGE AT FOOT END UNDER BENCH LID.	1
65-08-3600		< > Superliner Head Of Squad Bench Work Cabinet Includes Corian Countertop. NO LIP.	1
65-08-6500	S	< > Cabinet At The Foot End Of The Squad Bench Left Hinged Framed Poly Door with M1 Latch. Includes (1) Adjustable PVC Shelf. Cabinet "N", Above the drop down drug.	1
65-08-8500		Squad Bench Headrest Cushion	1
65-09-2000		< > Two Section Bandage Cabinet With Speed Load Doors With Positive Lock Feature. Specify Cabinet Depth: 6.50".	1
65-09-6010		< CPI Latching Single Glove Box Holder w/Clear Lid In Cushion Area Above Doors(Ea) Recessed Storage Box With Top Hinged Clear Latching Plexiglass Door. Specify Location: ABOVE REAR ENTRY DOORS.	2
65-09-8600		< > 100" Long Formed Streetside Ceiling Grab Rail (Powder Coated) Safety Yellow.	1
65-09-9510		< > 100" Long Formed Curbside Ceiling Grab Rail (Powder Coated) Safety Yellow.	1
65-10-0500		Formed "L" Door Assist Rails Mounted On The Hinge Side	1
65-10-2000	S	< > Formed Assist Rail At The Head End Of The Squad Bench 16" Rail ILOS.	1



PART NO	S	DESCRIPTION	QTY
65-10-3000		Delete Formed Assist Rail On The Left Rear Wall	1
65-10-5000	<	Two C.P.I. #IV2008 Rubber Recessed IV Brackets Mounted In The Mid/Rear Cot Position.	1
65-10-9000		Southco M1 Stainless Cabinet Latches	1
65-11-3000	<	Cabinet Drawer (Ea) Specify Cabinet Locations: (1) Foot End Of The Curbside Squad Bench Cabinet. Drawer To Open Over The Squad Bench. Drawer To Include 3 Poly Dividers. Side X Side. (2) In The Cabinet At The Head End Of The Curbside Squad Bench. Top Drawer To Be The Same Height As The Rear Drawer. Both Drawers To Open Over The Squad Bench. Both Drawers To Include 3 Poly Dividers. Side X Side. (1) Head End Of The Streetside Squad Bench. Drawer To Open Over The Squad Bench. Drawer To Include 3 Poly Dividers. Side X Side.	4
65-11-3805	<	Adjustable Drawer Divider (Ea) Adjustable/Removable Divider with Binding Strip Specify Drawer Locations: (3) Foot End, Curbside Squad Bench Cabinet Drawer. Side X Side. (6) Both Drawers In Cabinet At The Head End Of The Curbside Squad Bench. Side X Side. (3) Drawer At The Head End Of The Streetside Squad Bench. Side X Side.	12
65-13-0600	< >	Squad Bench Recessed Drop-In Sharps/Waste Containers Note to Production: Recessed Under The Foot End Of The Street Side Squad Bench. Accessed By Lifting The Foot End Squad Bench Cushion. Includes Gas Hold-Open On The Squad Bench Lid Section. Use #8970 Sharps Container.	1
65-13-1600	< >	Slide Out Sharps And Waste BioWaste Drawer Specify Cabinet Location: (1) Lower aisle side of the cabinet at the head end of the curbside Squad bench, similar to previous truck #4990. Install #8970 Sharps container USE SAME SLIDE LENGTH AS WAS USED ON #4990. M1 Latched.	1
65-15-0006	>	Interior Laminate: White Nebula 4621-60	1
65-17-0004		Seam Sealed Cushions Vinyl: Heidi Lapis Blue HEI-6812 (Dark Blue)	1
65-18-0002		Welting Between Cabinets: Light Gray	1
65-19-0001	< >	Counter Tops (Main): Stormy Gray (Dusk) Standard with 1" Lip, Unless Specified.	1



PART NO	S	DESCRIPTION	QTY
65-20-0003		> <i>Counter Tops (Accent Stripe): Laguna</i>	1
65-21-0011		< > <i>Lonseal Floor Selection: Loncoin II Flecks #152 Sapphire</i> Specify: Rolled Up 4" On Both Sides Unless Otherwise Specified.	1
65-CS-0950		< <i>Additional Counter Top</i> (1) Cabinet At The Foot End Of The Squad Bench. Standard Lip.	1
65-CS-1000	S	< <i>Add Angled Cabinet For The Rear Switch Panel</i> Mounted At The Head End Of The Squad Bench Below The Bandage Cabinet. (Requires 8" Deep Bandage Cabinet).	1
65-DL-0100	S	< <i>Removable Panel in Action Area</i> Specify Custom Option: Install solid surface removable panel in action area for termination of prewire. This will be above the action area cabinet. Similar to 4990.	1
65-DL-0200	S	< <i>Atomic Clock on Rear Squad Bench Wall</i> Atomic Clock On Street Side Rear Squad Bench Wall (Battery Clock) Install 10" LaCrosse Atomic Clock, Surface Mount Above The Footend Of The Streetside Squad Bench. La Crosse WT-3102B 10-Inch Atomic Wall Clock.	1
65-DL-0300	S	< <i>Simplex Push Button 900 Series Lock</i> Specify Custom Option: Install on the Top RFS Cabinet Door. Oval Lock. Ref. 4990.	1
***PATIENT COMPARTMENT ENVIRONMENTAL SYSTEMS***			
70-01-0000		<i>Static Module Fresh Air Intake Vent</i>	1
70-01-1000		<i>12 Volt Powered Exhaust Fan</i>	1
70-01-1500		< <i>Cabinet Mounted Free Blow 12 Volt Pro Air Rear Heat/AC Unit</i> Includes Digital Temperature Display. Includes Climate Indicators For Heat/AC/Fan Speed. Includes High-Medium-Low Fan Speeds.	1
70-01-2400		< <i>Inline Booster Coolant Pump</i> 12 Volt Centrifugal Pump To Boost The Flow Capacity Of The Coolant System.	1
70-01-3500		<i>Move Heat/AC Unit To Over Walk-Thru Area</i>	1
70-01-4500		< <i>ProAir Undermount Auxiliary 12 Volt A/C Condenser (Type I Modular Body)</i> Life Line Will Specify Mounting Location: Below D2 Compartment. Install Rubber Debris Flaps On The Forward And Rear Edges.	1

PART NO	S	DESCRIPTION	QTY
		ProAir Model 106.	
70-01-6000	<	<b>Yellow Certifoam High Density Insulation Body/Floor/Doors (R-6)</b> GAS CHASSIS' INCLUDE THERMOTECH HEAT BARRIER PART #F18084. THIS GOES ON THE HEAT SHIELD THAT GOES OVER THE AXLE. THIS ALSO GETS THE THERMO HEAT INSULATION BLANKET ON THE BOTTOM OF THE FLOOR AND GOES FROM THE FRONT OF THE MODULE TO THE FUEL TANK.	1
70-01-6600	>	<b>Automotive Grade Undercoating Under Module Body</b> ***OXYGEN SYSTEM***	1
75-01-0500		<b>Chemtron Style Action Area Oxygen Outlet</b>	1
75-01-2510		<b>Chemtron Style Ceiling Mounted Oxygen Outlet Mounted In Ceiling Center Strip</b>	1
75-01-4500		<b>Chemtron Style Right Wall Mounted Oxygen Outlet</b>	1
75-01-8000	>	<b>Interior Oxygen Access/Viewing Door</b>	1
75-01-8600	<	<b>"M" Oxygen Tank Bracket In Streetside Front Compartment</b> D-1, mount on wall #2 close to wall #3.	1
		***SUCTION SYSTEM***	
80-01-0000		<b>12 Volt Gast Suction Pump Controlled By Switch on Switch Panel</b>	1
80-01-2600		<b>Suction Outlet Deleted For SSCOR 22000 Or VX-2 Suction Unit</b>	1
80-01-7500	<	<b>SSCOR 22000 Suction Unit W/23002 Disposable Trap Set</b> Includes Flush Mounted Action Area Panel And Disposable Trap Set. Deletes Standard Suction Outlet #80-01-15.	1
		***PAINT***	
85-00-0100	< >	<b>Standard AkzoNobel Paint Process</b> Includes 6 Year Pro-Rated Paint Warranty.	1
85-00-0500	<	O.E.M. White Chassis Color Ship Loose Tube Of O.E.M. White Touch-Up Paint With The Unit.	1
85-01-1000	<	O.E.M. White Module Body Color Touch-Up Paint Is Included For Colored Module Body Stripes.	1
85-01-7000	S < >	<b>Add "Z" Pattern To Beltline Stripe</b> Match Belt Line Stripe Color. Red FLNA 32210	1
85-02-8100	S <	<b>Lower Cab And Module Painted Two-Tone (50/50 Design)</b> Similar to #4990	1



PART NO	S	DESCRIPTION	QTY
		Lower Cab And Module Painted One Color And The Upper Cab And Module Body Painted Another Color. This Paint Line Is Painted Thru The Door Gaskets Into The Jamb. Specify Upper Color: Includes "A", "B" Posts, Cab Roof.  MATCH LAST UNITS COLORS OEM WHITE. LOWER - Red FLNA 32210  CHASSIS HOOD - Red FLNA 32210  SEND OUT PAINT SPRAY SAMPLES FOR APPROVAL. Sent 12-22-20. Approved 01-20-21 Via e-mail.	
85-02-9500		Do Not Paint The Nader Pins/Install After Paint Process	1
85-02-9710		<i>Shoreline Cover Plate To Be Painted To Match Module</i>	1
85-03-0000		> Standard 1/4" Black Reflective Edge Pinstripe	1
85-03-3500		< <i>1" Scotchlite Striping (Per Foot)</i> Specify Color And Location: 1" WHITE REFLECTIVE STRIPE ABOVE AND BELOW 8 " White Reflective STRIPE WITH A 1/2" GAP BETWEEN THE 8" AND 1". PAINT WILL ADJUST LOCATION OF STRIPE DUE TO CHANGE OF CHASSIS.	126
85-03-5500		< <i>8" Scotchlite Striping (Per Foot)</i> Specify Color And Location: WHITE REFLECTIVE (to follow paint line) NOTE TO DEALER/CUSTOMER: PAINT WILL ADJUST LOCATION OF STRIPE DUE TO CHANGE OF CHASSIS.	65
85-04-0600		< > <i>6" Wide Rear Wall Chevron (Two Color-Full Wall)</i> Specify Tape Color #1: 4092 SOLID RED Specify Tape Color #2: 4083 FLOURESCENT YELLOW GREEN.  3M DIAMOND GRADE CHEVRON.	1
85-04-1200		< > <i>Diamond Grade Chevron Upgrade</i> CHEVRON , TWO COLOR FULL REAR WALL. DOES NOT INCLUDE REAR ENTRY DOORS.	1
85-DL-0100	S	< <i>Paint Antenna Pod On Front Module Wall</i> Primed and painted White.	1
		***EMBLEMS AND DECALS***	
90-01-0000		< <i>Federal Star Of Life/Ambulance Decal Package</i> Install Roof Star Of Life Decal. INSTALL STARS OF LIFE (2) 4" Star Of Life Decals. (2) 12" Star Of Life Decals. Rear Entry Doors. (2) 18" Star Of Life Decals. Low on P4 and D3.	1

PART NO	S	DESCRIPTION	QTY
		(3) 6" AMBULANCE Decals. (1) 4" Reverse AMBULANCE Decal. Install these decals, similar to 4990.	
90-01-1100	<	"NO SMOKING" - "FASTEN SEAT BELT" Decals 1-Installed In The Cab. 1-Installed In The Module.	1
90-01-1200		No Other Decals or Lettering Included Unless Specified Below	1
90-01-5100	<	<i>Install 3/4" White Reflective Tape Around Side And Rear Entry Doors</i> KKK-F Certification Requirement.	1
90-01-6500	< >	<i>4" Scotchlite Reflective Lettering (Ea)</i> Specify Lettering Location: Install 4" White Reflective Lettering Without Outline: Each Side Of The Module Rearward of Rear Tires below Stripe. Fit as needed. "ADVANCED LIFE SUPPORT"  Rear Of The Module on Doors "CALEDONIA"  Rear Of The Module on doors "FIRE"  Each Side of Module (4 inch) "MED-##" (RED LETTERING/BLACK OUTLINE)  "MED-##" installed on all 4 sides in the locations similar to 4990. Match current Font.  Similar to previous truck, all rear lettering must be on doors and not wall area.	80
90-01-7000	< >	<i>6" Scotchlite Reflective Lettering (Ea)</i> Install 6" Red Reflective Lettering With Black Outline: Arched Above Each Side. "CALEDONIA"  Straight Line Below Caledonia. "FIRE-RESCUE SQUAD"  WHITE REFLECTIVE WITH BLACK OUTLINE Lower Rear Doors "RESCUE SQUAD"	122

PART NO	S	DESCRIPTION	QTY
90-DL-0100	S <	<i>Ship Loose "22"</i> (4 inch) "##" (RED LETTERING/BLACK OUTLINE) Match current Font. Make One Number of "##".	4
95-DC-LL01	S <	<i>SCBA Brackets</i> Superior Flamefighter 26751. See Option 25-CS-0500.	3
95-DC-LL02	S <	<i>Stryker Power Load System</i> Specify Custom Option: DEALER SUPPLIED POWER LOAD	1
95-DC-LL03	S <	<i>Stryker Power Cot (Hi Config)</i> Specify Custom Option: DEALER SUPPLIED POWER PRO COT	1
95-DL-0100	S	<i>Delivery</i>	1
***END OF QUOTE/PRODUCTION ORDER***			
95-SP-0100	<	<i>1 Original &amp; 1 Revision Work Order Before Penalty Pricing</i> 1 Original Draft & 1 Revision Draft Work Order Before Penalty Pricing. The Revision Rate Is \$75.00 Per Hour With 1 Hour Minimum Charge.	1
95-SP-0200	<	<i>1 Original &amp; 1 Revision Drawing Before Penalty Pricing</i> 1 Original Draft & 1 Revision Draft Drawing Before Penalty Pricing. The Revision Rate Is \$75.00 Per Hour With 1 Hour Minimum Charge.	1
95-SP-0600		Change After Sign-Off (Published Price + 50%)	1
95-SP-0700		Change After Production Start (Published Price + 75%)	1
95-SP-0800		Change After Production Completion (Published Price + 100%)	1
	<	*** <i>SIGNATURE-LIFE LINE EMERGENCY VEHICLES</i> *** This Is A Contract Between Life Line Emergency Vehicles And The Franchised Distributor Entering The Order. No Agreements Verbal Or Written Arrived At Between The Selling Distributor And The Purchasing Agency Not Listed On This Order Are Binding Upon Life Line Emergency Vehicles.  THE VEHICLE IS BUILT TO THIS PRODUCTION ORDER. IT IS THE DISTRIBUTORS RESPONSIBILITY TO ASSURE THE VEHICLE MEETS THE	



PART NO	S	DESCRIPTION	QTY	
		CUSTOMER SPECIFICATIONS.		
		Date Of Order:		
		Franchised Distributor:		
		Quote Number:		
		Ordered By: _____		
		Total		315,928.00





## LP15 Quote

Quote Number: 10611157

Version: 1

Prepared For: CALEDONIA FIRE DEPT

Attn:

Remit to: Stryker Medical

P.O. Box 93308

Chicago, IL 60673-3308

Rep: Alex Yde

Email: alex.yde@stryker.com

Phone Number:

Quote Date: 11/15/2022

Expiration Date: 02/13/2023

Delivery Address		End User - Shipping - Billing		Bill To Account	
Name:	CALEDONIA FIRE DEPT	Name:	CALEDONIA FIRE DEPT	Name:	CALEDONIA FIRE DEPT
Account #:	1081072	Account #:	1081072	Account #:	1081072
Address:	6900 NICHOLSON RD	Address:	6900 NICHOLSON RD	Address:	6900 NICHOLSON RD
	CALEDONIA		CALEDONIA		CALEDONIA
	Wisconsin 53108		Wisconsin 53108		Wisconsin 53108

### Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	99577-001957	LIFEPAK 15 V4 Monitor/Defib - Manual & AED, Trending, Noninvasive Pacing, SpO2, SpCO, NIBP, 12-Lead ECG, EtCO2, BT, Incl at N/C: 2 pr QC Electrodes (11996-000091) & 1 Test Load (21330-001365) per device, 1 Svc Manual CD (26500-003612) per order	1	\$30,990.77	\$30,990.77
2.0	41577-000288	Ship Kit -QUIK-COMBO Therapy Cable; 2 rolls100mm Paper; RC-4, Patient Cable, 4ft.; NIBP Hose, Coiled; NIBP Cuff, Reusable, adult; 12-Lead ECG Cable, 4-Wire Limb Leads, 5ft; 12-Lead ECG Cable, 6-Wire Precordial attachment	1	\$0.00	\$0.00
3.0	11140-000098	LP15 AC Power Adapter (power cord not included)	1	\$1,504.50	\$1,504.50
4.0	11140-000015	AC power cord	1	\$72.75	\$72.75
5.0	21330-001176	LP 15 Lithium-ion Battery 5.7 amp hrs	2	\$432.75	\$865.50
6.0	11171-000082	Masimo RC Patient Cable - EMS, 4 FT.	1	\$219.00	\$219.00
7.0	11171-000049	Masimo Rainbow DCI Adult Reusable SpO2, SpCO, SpMet Sensor, 3 FT. For use with RC Patient Cable.	1	\$560.25	\$560.25
8.0	21300-008159	LIFEPAK 15 NIBP Straight Hose, 6'	1	\$63.75	\$63.75
9.0	11160-000013	NIBP Cuff-Reusable, Child	1	\$23.25	\$23.25
10.0	11160-000017	NIBP Cuff -Reusable, Large Adult	1	\$32.25	\$32.25
11.0	11577-000002	LIFEPAK 15 Basic carry case w/right & left pouches; shoulder strap (11577-000001) included at no additional charge when case ordered with a LIFEPAK 15 device	1	\$294.75	\$294.75
12.0	11220-000028	LIFEPAK 15 Carry case top pouch	1	\$53.25	\$53.25
13.0	11260-000039	LIFEPAK 15 Carry case back pouch	1	\$75.75	\$75.75



## LP15 Quote

Quote Number: 10611157

Version: 1

Prepared For: CALEDONIA FIRE DEPT

Attn:

Remit to: Stryker Medical

P.O. Box 93308

Chicago, IL 60673-3308

Rep: Alex Yde

Email: alex.yde@stryker.com

Phone Number:

Quote Date: 11/15/2022

Expiration Date: 02/13/2023

#	Product	Description	Qty	Sell Price	Total
14.0	11996-000471	4G Modem: Verizon Cellular (for use on Stryker data plan; purchased separately)	1	\$1,053.75	\$1,053.75
Equipment Total:					\$35,809.52

### ProCare Products:

#	Product	Description	Qty	Sell Price	Total
15.0	78000168	KORE - Stryker data plan for modem (Verizon)	1	\$331.55	\$331.55
16.0	78000171	LIFENET Asset, per device	1	\$113.05	\$113.05
ProCare Total:					\$444.60

### Price Totals:

Estimated Sales Tax (0.000%):	\$0.00
Freight/Shipping:	\$538.76
Grand Total:	\$36,254.12

Prices: In effect for 30 days

Terms: Net 30 Days

Contact your local Sales Representative for more information about our flexible payment options.

**Capital Terms and Conditions:**

Deal Consummation: This is a quote and not a commitment. This quote is subject to final credit, pricing, and documentation approval. Legal documentation must be signed before your equipment can be delivered. Documentation will be provided upon completion of our review process and your selection of a payment schedule. Confidentiality Notice: Recipient will not disclose to any third party the terms of this quote or any other information, including any pricing or discounts, offered to be provided by Stryker to Recipient in connection with this quote, without Stryker's prior written approval, except as may be requested by law or by lawful order of any applicable government agency. A copy of Stryker Medical's Acute Care capital terms and conditions can be found at [https://techweb.stryker.com/Terms\\_Conditions/index.html](https://techweb.stryker.com/Terms_Conditions/index.html). A copy of Stryker Medical's Emergency Care capital terms and conditions can be found at <https://www.strykeremergencycare.com/terms>.

VILLAGE OF CALEDONIA

FISCAL NOTE: AUTHORIZE PURCHASE OF TYPE I AMBULANCE AND LIFEPAK 15 MONITOR

FISCAL YEAR: **2023**

ACCOUNT NAME	ACCOUNT NUMBER	CURRENT BUDGET	YEAR TO DATE EXPENDITURES	CURRENT BALANCE	BUDGET MODIFICATION	BUDGET AFTER MODIFICATION	REMAINING BUDGET BALANCE
<b>DEPARTMENT: FIRE DEPARTMENT</b>							
Capital Projects Fund: Bond Proceeds	400-00-49100	\$ 849,650	\$ -	\$ 849,650	\$ (31,281)	\$ 818,369	\$ 818,369
Capital Projects Fund: Grant Revenue	400-35-43200	\$ -	\$ -	\$ -	\$ 67,535	\$ 67,535	\$ 67,535
Capital Projects Fund: Equipment*	400-35-65030	\$ 315,000	\$ -	\$ 315,000	\$ 36,254	\$ 351,254	\$ 351,254
		<u>\$ 1,164,650</u>	<u>\$ -</u>	<u>\$ 1,164,650</u>	<u>\$ -</u>	<u>\$ 1,237,158</u>	<u>\$ 1,237,158</u>

\* - The Equipment fund account balance includes the carryover amount of \$149,000 from 2022 for the Ambulance purchase.



Stryker is the sole-source provider in the Hospital (hospitals and hospital-owned facilities), Emergency Response Services and Emergency Response Training (paramedics, professional and volunteer fire) markets in the U.S. and Canada for the following products:

- New LIFEPAK® 15 monitor/defibrillators
- New LIFEPAK 20e defibrillator/monitors
- New LIFEPAK CR2 automated external defibrillators
- New LIFEPAK 1000 automated external defibrillators
- New LUCAS® chest compression system
- CODE-STAT™ data review software and service

Stryker is the sole-source provider in all markets for the following products and services:

- RELI™ (Refurbished Equipment from the Lifesaving Innovators) devices
- LIFENET® system and related software
- ACLS (non-clinical) LIFEPAK defibrillator/monitors
- LIFELINKcentral™ Government Campus Solution
- MultiTech 4G and Titan III gateways
- Factory-authorized inspection and repair services which include repair parts, upgrades, inspections and repairs

Stryker does not authorize any third parties to sell these products or services in the markets listed above. We will not fulfill orders placed by non-authorized businesses seeking to resell our products or services. If you have questions, please feel free to contact your local Stryker customer service representative at 800.442.1142.

Sincerely,

Matt Van Der Wende, Vice President, Americas Sales

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Emergency Care

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VILLAGE OF CALEDONIA POLICE DEPARTMENT  
6900 Nicholson Road  
Caledonia, WI 53108  
Administration/Public Records  
262-835-4423  
Non-Emergency/Police Services  
262-886-2300



Chief of Police  
Christopher Botsch

To: Finance Committee

From: Christopher Botsch

RE: Law Enforcement Funding - Virtual Reality System

Committee Members,

In March of 2022, Governor Evers issued a press release announcing, “a more than \$50 million investment in community safety, including nearly \$19 million for local and tribal law enforcement agencies...These allocations are funded through the state’s American Rescue Plan Act funds.”

His press release further stated, “The nearly \$19 million law enforcement program will provide an allocation to every local and tribal law enforcement agency in Wisconsin, enabling agencies to address the unique needs facing their communities, including **training**, recruitment bonuses, community policing needs, and technology investments. The determination of an agency’s amount is a formula based on the population served and includes a violent crime add-on for locations where violent crime exceeds the statewide average.”

As a result of this investment in law enforcement, the Caledonia Police Department has been allocated \$56,976.75. According to the funding initiative, the law enforcement agency “may use its Allocation to reimburse eligible expenditures incurred between March 15, 2022 and **June 30, 2023.**”

Improved training is one of the goals of the funding. To meet this goal, we would like to move forward with researching and purchasing a virtual reality training simulator (VR system). We have already met with a few companies and have been able to test their products. Our staff has been very impressed with the VR systems thus far. With the elimination of the training center (shooting range) from the new Public Safety building, we believe a VR system could augment our use-of-force training. A VR system will assist us in training and enhancing our skills as they relate to de-escalation efforts, use-of-force decision making, communication, and tactics.

Preliminary costs of VR systems are approximately \$40,000-\$50,000, which would be entirely covered by the above-described funding.

To ensure spending is consistent with the larger funding initiative, it has been recommended to seek pre-approval from the WI Department of Administration (DOA), who is administering the grant. I have contacted DOA, and they advised a virtual reality system is an approved item.

If approved by the Finance Committee, we will move forward with this right away. Thank you for your time and consideration.

Respectfully,

Christopher Botsch  
Chief of Police



VILLAGE OF CALEDONIA

FISCAL NOTE: ARPA FUNDS - VIRTUAL REALITY TRAINING SIMULATOR

FISCAL YEAR: **2022 / 2023**

ACCOUNT NAME	ACCOUNT NUMBER	CURRENT BUDGET	YEAR TO DATE EXPENDITURES	CURRENT BALANCE	BUDGET MODIFICATION	BUDGET AFTER MODIFICATION	REMAINING BUDGET BALANCE
<b>DEPARTMENT: POLICE DEPARTMENT</b>							
Capital Projects Fund: State							
Grant Revenue	400-00-43534	\$ -	\$ -	\$ -	\$ (56,977)	\$ (56,977)	\$ (56,977)
Capital Projects Fund:							
Equipment	400-30-65030	\$ 84,500	\$ 80,977	\$ 3,523	\$ 56,977	\$ 141,477	\$ 60,500
		<u>\$ 84,500</u>	<u>\$ 80,977</u>	<u>\$ 3,523</u>	<u>\$ -</u>	<u>\$ 84,500</u>	<u>\$ 3,523</u>

The Safer Communities ARPA Grant period of performance is from 3/15/2022 through 6/30/2023. The grant funding will be utilized to purchase and install a virtual reality training simulator, which could augment the department's use-of-force training. The Wisconsin Department of Administration has confirmed that a VR system is an approved grant expenditure. Any unused funds as of 12/31/2022 will be automatically carried over into Fiscal year 2023.