Regular City Council Meeting
September 26, 2022
Agenda

7:30 p.m. **Call to Order**
Pledge of Allegiance
Roll Call
Approval of Minutes: September 12, 2022
Approval of Bills: None
Approval of Agenda
Consent Agenda

Public Comment

Discussion - Downtown

Fire Chief Report
Police Chief Report

I. Unfinished Business

II. New Business
1. **Repair and Resurface all the Apparatus Bay Floors in the Fire Station**
2. **Purchase of Two New Solar LED Flashing Crosswalk Beacon Systems for Installation at Two Crosswalks**

III. Budget
IV. Public Comment
V. Manager's Report
VI. Council Comments
VII. Adjournment

Please see reverse side for rules of conduct for public comment at City Council meetings

Rules of Conduct for Public Comment at Council Meetings*

Members of the public may speak at a Council meeting upon recognition by the Mayor. Public comment may only occur during periods designated on the agenda for public comment or a public hearing. A person may speak for up to two (2) minutes during each of the two public comment periods on agenda items or non-agenda items. Waivers of the time requirement may only be granted in the discretion of the Mayor, and waivers to speak at a time other than a designated comment period may only be granted by the Council. Any person wishing to make a presentation longer than two minutes or requiring audio-visual equipment is asked to contact the City Clerk requesting to appear on a future agenda.

A person may only address Council from the podium. Only one person may occupy the podium at a time. All remarks are to be directed to the Mayor and Council. Speakers are not to engage in direct dialog with other meeting attendees.

Any person who violates the Rules of Conduct, disturbs the peace at the meeting, and/or interferes with the meeting may be warned, ordered to be seated, removed, and/or ticketed.

*This summarizes Council Resolution 04-18. Complete Rules, including guidelines for considering waivers, are available in the Council Chambers and from the City Clerk.

City of South Lyon
Regular City Council Meeting
September 12, 2022

Mayor Pelchat called the meeting to order at 7:30 p.m.
Mayor Pelchat led those present in the Pledge of Allegiance
Roll Call: Mayor Pelchat and Councilmembers: Dilg, Kurtzweil, Kivell, Kennedy, Mosier and Hansen
Also present: City Manager Zelenak, Fire Chief Thorington, Lieutenant Baaki, Finance and Benefit Administrator Tiernan, and Clerk/Treasurer Deaton

MINUTES
CM 9-1-22 MOTION TO APPROVE MINUTES
Motion by Kennedy, supported by Kivell
Motion to approve minutes as presented
VOTE: MOTION CARRIED UNANIMOUSLY

BILLS
Councilmember Mosier questioned two checks regarding the Police Department, one for a garage door and one for flooring. She stated the Fire Department had to get bids and then brought the bids to Council to be approved, and she is wondering if the Police Department received bids as well. She stated the threshold of $5,000 seems low for things that have to be approved by Council. She further stated it seems counterproductive when little things come up. She then stated she thinks the threshold should be raised. Finance and Benefit Administrator Tiernan stated the bills in question are for one invoice each, but she doesn't know if Chief Sovik followed the bid process, but they were budgeted for. She then stated many municipalities go up to $40,000-$50,000 for budgeted items. She stated she discussed this with Plante Moran, and they said the average their municipalities are $20,000 and up.
CM 9-2-22 MOTION TO APPROVE THE BILLS
Motion by Dilg, supported by Kennedy
Motion to approve the bills as presented
VOTE: MOTION CARRIED UNANIMOUSLY

AGENDA
CM 9-3-22 MOTION TO APPROVE AGENDA
Motion by Kennedy, supported by Dilg
Motion to approve the agenda as presented
VOTE: MOTION CARRIED UNANIMOUSLY

CONSENT AGENDA
1. DDA Appointment
2. Wag This Way: Pup Pawrade

CM 9-4-22 MOTION TO APPROVE CONSENT AGENDA
Motion by Kurtzweil, supported by Hansen
Motion to approve the consent agenda as presented
VOTE: MOTION CARRIED UNANIMOUSLY

PUBLIC COMMENT- No public comment was made

DRAFT

DISCUSSION- Downtown

DDA and Economic Development Director Mack stated at the last DDA meeting they discussed having a winter Farmers Market. The market master currently does the same for Holly and it is successful. He stated it would be every other weekend, possibly at the VFW Hall. He then stated Lefty's is having a ribbon cutting this week, corporate has taken over that franchise. He stated they are continuing to discuss the Holiday Spectacular, and they have 8 sponsors so far. He further stated he has started the RRC self-assessment and after that is completed, the MEDC will create a base line report to show where we are in relation to the best practices of the program. Mr. Mack stated they are continuing to work on the RCA building, and they have some of their final inspections shortly. He then stated the deadline for the building to be completed is September 30th. Councilmember Dilg stated our market manager is great and she likes the idea of having a winter market. Mr. Mack stated we have 20 vendors that are interested as of now. Councilmember Hansen asked about the theater. Mr. Mack stated he has spoken with the person that is assisting the owners look for someone to lease or buy the building. They would like someone to run it as a theatre. Councilmember Kurtzweil asked about the extension cords hanging downtown. There is a reason why they are there, but we need to start one block at a time, and get some outlets, and move things around. It should be an easy fix, add an outlet at the bottom of the tree, and wrap the cords around the trees. Mr. Mack stated the DPW have gone out and moved some of them. Councilmember Kennedy asked if he met the new owners of Leftys, and if he met with them about reminding them to follow our ordinances. Mr. Mack stated he had not met them yet, but will be attending the ribbon cutting and will speak with them. Councilmember Kennedy then discussed the new business in town in front of 12 Kitchen Elves. Mr. Mack stated the owner of 12 Kitchen Elves is also running a bridal salon. Councilmember Kennedy then asked how Mr. Mack will remind businesses of Pumpkinfest and what events will be in front of their businesses. Mr. Mack stated he plans on emailing the businesses with a reminder. Councilmember Kennedy asked if he will be reminding the businesses and residents of Motorfest. Mr. Mack stated he will send out an email to the business owners. Discussion was held in regards to informing residents/businesses of the annual events. Councilmember Kivell stated to start a project this late in the year to get new lights up and outlets downtown would be difficult, there will have to be engineering, trenching will need to be done, that should have been brought up while we were working on the budget. Councilmember Kurtzweil stated the issue is to resolve the problem. She further stated it isn't that complicated, and it seems to be another excuse why South Lyon still has this problem when other communities have figured it out. She further stated she just wants to make sure someone is working on it because the cords are unsightly. She then thanked Mr. Mack and said he is doing a great job. Councilmember Dilg stated she doesn't feel it is the DDA Director's responsibility to knock on residents' doors, and she is sure the Police Department will handle that as they have in the past.

FIRE CHIEF REPORT

Fire Chief Thorington stated they have had 744 incidents this year. He then thanked the DPW for putting gravel in their training center and it looks very nice. It is hugely effective, and prevents mud from getting in the trucks and it gives them a place for training on extrication. He then stated they received 3 bids for having the floors fixed and it will be brought to Council at the next meeting. He then stated in regards to the IROL, they will be putting stickers on the panels and the fire inspector is currently going to the businesses and putting in the panels.

POLICE CHIEF REPORT

Lieutenant Baaki stated they received $900.00 in grant money to cover Officer Scheeman's training for his leadership training. He stated they have a new truck to be delivered later this month. He the thanked the public and everyone because they are now accredited. There was a two-day accreditation process where the public calls in and giving their opinion on the interaction with the Police Department and there were 6-8 people that did so and they were all positive. He further stated part of the process was for them to go through the station and looking at all the equipment to make sure everything's on board, then they spoke with the Mayor and the City Manager. After that was all done, they took the information and made a report, and they said we will be

recommended to be accredited. He then stated we will be formally accredited in February. Mayor Pelchat thanked him and the team because he knows they have been working on that for a while. Lieutenant Baaki stated it was a process, and we were able to get new cameras and did some other upgrades that were needed. Councilmember Kivell stated he wants to thank Officer Sederlund for all the work he did on that. Lieutenant Baaki stated he was the perfect guy for the job.

MERS- Presentation

Sue Feinberg of MERS gave a presentation regarding the employee's retirement programs. She discussed the annual evaluation which projects the employer's contribution. She further stated the current funded status is 70%. She explained the primary reason is we had a good market and the return was over 14%. Councilmember Kurtzweil asked if the gains made in a year is 14%, why can't the portion we receive be used to reduce the unfunded liability. Ms. Feinberg stated the gains are still being used in the city's fund, but by using a more conservative rate of return assumption it doesn't impact it as much. Discussion was held regarding the assumptions the actuaries use such as inflation which is 2.5 or 3%. Further discussion was held regarding unfunded liability. The city is expected to be fully funded within 16 years if only paying the minimum amount. They always encourage people to fund more if possible. Ms. Feinberg stated the city is currently contributing $786,588.00 and that will be going down, and next year it will be $50,000.00 less. For projecting for budget purposes, we are looking at the assumption of 7.00% rate of return. Councilmember Kurtzweil asked if she had heard any discussion about the government assisting cities for unfunded lability, because they are doing that now with other communities that are over 60% unfunded liability. Ms. Feinberg stated they have not heard any discussions. Ms. Feinberg explained a graph showing the history of the valuations from 2011-2021. She stated the city made over 2.2 million dollars that went into the plan. She stated the city's contribution was $674,370 while the employee contributions were $49,336. Councilmember Kurtzweil stated it is important to realize the city employees' contributions are much smaller than the city's contribution. She hopes the employees of the city understands the sacrifices being made by the residents of this city to fund this retirement program and she is sure they are. Ms. Feinberg stated the employee contributions are very low compared to other communities.

<u>UNFINISHED BUSINESS</u>- N/A

<u>NEW BUSINESS</u>

1. Purchase of a new Toolcat (Bobcat UW56) with attachment for the DPW

Superintendent Varney stated they are requesting the purchase for daily use. The current one we have is 11 years old and has been proven to be useful and versatile. He further stated this is a budgeted item, although there has been a price increase of $2,868.00.

<u>CM 9-5-22 MOTION TO APPROVE BUDGET AMENDMENT</u>

Motion by Kennedy, supported by Mosier

Motion to amend the FY2022-2023 budget under account line item 642-979-900 from $76,000.00 to $78,868.00 to reflect the price increase of the Toolcat with attachments

ROLL CALL VOTE:

Mosier- Yes
Kivell- Yes
Kennedy- Yes
Dilg- Yes
Hansen- Yes
Kurtzweil- Yes
Pelchat- Yes
<u>MOTION CARRIED UNANIMOUSLY</u>

<u>CM 9-6-22 MOTION TO APPROVE PURCHASE</u>

Motion by Kennedy, supported by Hansen
Motion to approve the purchase of a Bobcat UW56 with noted accessories at the delivered cost of $78,686.00 under account number 642-979-900

ROLL CALL VOTE:
Kurtzweil- Yes
Hansen- Yes
Dilg- Yes
Kennedy- Yes
Mosier- Yes
Kivell- Yes
Pelchat- Yes
MOTION CARRIED UNANIMOUSLY

2. 2022 DPW complex paving improvements phase II contract award

Superintendent Varney stated the DPW has completed Phase I of the paving at the DPW yard. He stated Hartwell Cement has agreed to hold their pricing and they can get to it this year. The completion of the project at the DPW complex is much needed and welcomed.

CM 9-7-22 MOTION TO APPROVE CONTRACT

Motion by Dilg, supported by Hansen
Motion to approve the contract awarded to Hartwell Cement Company for $249,290.00 under line item 401-451-802

ROLL CALL VOTE:
Kennedy- Yes
Kivell- Yes
Mosier- Yes
Dilg- Yes
Hansen- Yes
Kurtzweil- Yes
Pelchat- Yes
MOTION CARRIED UNANIMOUSLY

3. Acceptance of Oakland County Critical Infrastructure Planning Grant

City Manager Zelenak stated earlier this year we applied for funds from Oakland County for a critical infrastructure and planning grant. We received notice two weeks ago that the city will receive $100,000 from Oakland County. The grant will be used for the planning of a location for a new water aquifer, lead pipe removal and for sanitary sewer line replacement. In order to receive this grant, we must adopt the attached resolution.

CM 9-8-22 MOTION TO APPROVE AGREEMENT

Motion by Kivell, supported by Mosier
Motion to approve agreement for local fiscal recovery fund distribution between Oakland County and the City of South Lyon

ROLL CALL VOTE:
Dilg- Yes
Mosier- Yes
Kurtzweil- yes
Hansen- yes
Kivell- Yes
Kennedy- Yes
Pelchat- Yes
MOTION CARRIED UNANIMOUSLY

BUDGET- No discussion was held

DRAFT

PUBLIC COMMENT- No public comment made

MANAGER'S REPORT

City Manager Zelenak stated at an upcoming meeting in October we will have a presentation from Plante Moran of the 2021-2022 audit. He then stated we were happy with the attendance at the last concert, and in the future, we would like to bring in the Oakland Parks stage at least once a year for a larger and more popular concert. He stated we have just received information from the contractor and the schools regarding the work being done at city hall. He further stated they will be installing HVAC units and reinforcing sections of roofing at city hall, and we will have to be closed the day they bring in the cranes and putting the equipment on top of the roof and bringing the old ones down. He stated he is also working with the schools on a cross access agreement for the parking lot between Whipple Street and the ECC facility. Councilmember Kurtzweil stated she spoke at a council meeting when the school board was in attendance and she asked if they were going to use the special filters because that is important because COVID isn't going away. City Manager Zelenak stated he will check with the schools. Councilmember Kivell asked if we are going to restripe the cross walks at Warren, or put in more of an enhancement to let people know that is a cross walk. We should be able to do a more adorn version to prevent a tragedy happening. He further stated he thinks all of them should be enhanced. Councilmember Hansen stated with pre school starting, he has been doing a lot of driving through town and when he was driving up Warren, he saw a large tree stump between the sidewalk and the street and it's been there for over a year. He further stated there is another large tree stump at St Joseph Catholic Church. He then asked if DPW could grind down the stumps. City Manager Zelenak stated those are county roads and our county usually does not always follow up with stump grounding. It isn't high on our priority list, because we would have to rent a machine as well, but DPW is aware of it. Councilmember Hansen stated that would help to beautify the city. He then asked about replacing the tree by the post office. City Manager Zelenak stated there are several to be replaced. He and the DDA Director have been discussing different types of trees for the downtown. We will also be gaining a couple of trees at the expense of the RCA building for trees that were removed for the work done at the building. There are several we will be replacing. Councilmember Kurtzweil stated she finds it highly unusual someone goes to a court appearance defending their position that they are working on the interior of a location when under a consent judgement and not bring in any evidence that the work has been. She further stated she finds this land owner to be irresponsible and probably not a good fit for the city. She then stated it shouldn't be difficult for the owner to find a roofer, she could find one for them. She then stated there are many window companies such as Pella, any local window companies could get them done immediately. She then stated the landscaping on the outside is just irresponsible ownership, you can have a landscaper come over and pull weeds and it is an embarrassment to the property owner. City Manager Zelenak stated we are not responsible for finding them contractors, we are waiting for the ruling from the court last week. Councilmember Dilg asked about the other two crosswalks. City Manager Zelenak stated we will be bringing that to council shortly. Attorney Hamameh stated we have filed a motion to sanction them and hold them in contempt of court, the judge is issuing a written opinion but we have already asked for those things. If they don't comply with the date given by the courts, that is when they will get hit pretty hard.

COUNCIL COMMENTS

Councilmember Kennedy reminded everyone that this Friday, September 16th is the last Movie in the Park. They will be showing "Ghostbusters – Afterlife." The movie will begin at dusk in McHattie Park. He then reminded everyone that the last Lake Street Cruise-in for the year will be on Wednesday, September 28th and that it will start earlier at 4:30pm that afternoon. So, make plans to attend for one last chance to see some great classic cars. He then reminded everyone that Pumpkinfest takes place on Saturday and Sunday, September 24th and 25th. It will run from 10am-7pm on Saturday and from 11am-6pm on Sunday. The Pumpkinfest Parade is scheduled to start around 9:45am on Saturday morning so come early and get a good seat.

Councilmember Kurtzweil stated we live in an incredible community. She stated it was an incredible week in South Lyon. She then thanked Jeff Archey and the great men and women at the DPW who kept Paul Baker Park in great shape all summer. She then thanked Trevor, Andy, John, and Mike. They do all the hard work. There is no shortage of volunteers in the City of South Lyon. She then thanked Jane, Bill, Barb and Elito for putting on a great garage sale at Colonial Acres, Phase 5. It was incredible and packed on Friday and people were coming from all over and she walked out with her arms filled with stuff. She thanked everyone for supporting Colonial Acres such as the volunteers and they were incredible. She stated she spent time at the Farmers Market on Saturday and it was absolutely packed. From there she went to Depot Days and there were more vendors there than last year and the kids had some great activities. She then thanked the Cultural Arts Commission and others. She thanked Ron Beason from the Water Department for being there. She thanked the South Lyon Historical Society and Linda Ross for hosting the event and a big thank you to Julie Paquette for all she is doing for the Roper Barn Fundraising project. She then thanked the Lemon Tree, she spent some money on some gift baskets, and she won one. She further stated it is incredible how the businesses in town supported the Depot Day and the barn razing project. She then went to the First United Methodist Church and spoke with all the volunteers that were there managing the Mom to Mom Sale, and it was packed. She then thanked the United Methodist Church. She then went to the Polish Festival at St. Joes Catholic Church and she thanked all the volunteers, the food was great. She never met so many new people that moved into South Lyon and it is because it is a safe and wonderful city with good values, and she heard that over and over. Several thousand people attended and next year they said they will have more tents. She stated it was interesting the people that were donating weren't even from their parish. She further stated she never seen authentic polka, and it was a great cultural event for many people in our community. She finished off the night at the beer tent with Phil and Pam Wiepert and Jeff Heinanen and Carly. It was an incredible weekend.

Councilmember Mosier stated its good to be back and wished everyone a good night.

Councilmember Hansen stated it was the first day back to school and as a father taking his 4-year-old to preschool at the Early Childhood Center, it was a first for him. He then extended his gratitude to the staff at ECC, they are very caring and you can see the passion they have for teaching and caring for our kids. He was extremely impressed. He then stated he utilized the parking lot off Whipple and used the sidewalk connecting the parking lots and it is a great addition to give parents the option to stay on paved walkways and take your kids to school. He stated it was a great first week, and the first week of many. He then stated he is looking forward to Pumpkinfest.

Councilmember Kivell stated he saw a message on Facebook, and there are a number of people assisting people when dropping and picking up their kids from the schools, and the lack of patience of people that can't follow the rules, and he hopes everyone falls into a nice pattern. It is astonishing how choked off the city is when the kids are going and coming to schools. He hopes everyone reads the rules and follows them.

Councilmember Dilg stated Pumpkinfest is still in need of volunteers, and you can search it on Facebook, and sign up. She then stated something has been weighing on her since the last meeting in regards to the gentleman that spoke about things around town. She further stated she drove around town and saw some things, but she thinks it is unfair to the business owners that invest their time and money on their properties and making their town look better. There are so many doing so. She stated her daughter visited and they drove around town, and she was very complimentary to our town. She stated it was very noticeable to her. She thanked everyone for doing their best to keep our town looking good.

Mayor Pelchat stated he wanted to take a moment to remember September 11th and all the lives lost 21 years ago. He then stated fall is a special time in South Lyon, and he hopes everyone gets out and enjoys it.

DRAFT

CLOSED SESSION

CM 9-9-22 MOTION TO RECESS INTO CLOSED SESSION

Motion by Kurtzweil, supported by Kennedy

Motion to recess into closed session to consider the purchase of real property in accordance with MCL.15.268(1)(d)

ROLL CALL VOTE:

Kurtzweil- Yes
Mosier- Yes
Hansen- Yes
Kennedy- Yes
Kivell- Yes
Dilg- Yes
Pelchat- Yes
MOTION CARRIED UNANIMOUSLY

Council entered into closed session at 8:58 p.m.

Council reconvened the open/regular Council Meeting at 9:23 p.m.

CM 9-10-22 MOTION TO APPROVE PURCHASE OF PROPERTY

Motion by Kurtzweil, supported by Kennedy

Motion to approve an additional amount as just compensation, not to exceed $2,500 for a sanitary sewer easement over a potion of 606 Lakewood Drive

ROLL CALL VOTE:

Dilg- Yes
Hansen- Yes
Kurtzweil- Yes
Mosier- Yes
Kennedy- Yes
Kivell- No
Pelchat- Yes
MOTION CARRIED, 1 OPPOSED

ADJOURNMENT

CM 9-11-22 MOTION TO ADJOURN

Motion by Kurtzweil

Motion to adjourn at 9:25 p.m.

VOTE: MOTION CARRIED UNANIMOUSLY

Respectfully submitted,

Mayor Dan Pelchat

City Clerk/Treasurer Deaton

DRAFT

AGENDA NOTE
New Business #1

MEETING DATE: September 26, 2022

PERSON PLACING ITEM ON AGENDA: Joey Thorington, Fire Chief

AGENDA TOPIC: Repair and resurface all the apparatus bay floors in the Fire Station.

EXPLANATION OF TOPIC:

The fire station apparatus floors currently have paint peeling and some cracks/normal wear which needs repair and general maintenance. The Fire Department is proposing to have the floors ground down, cracks filled, any damage repaired, polished, and sealed. This process should reduce the level of future maintenance required to keep the floors appearance looking clean and less worn. Funding was approved in the FY 2022-2023 budget, general ledger # 101-336-972, for the apparatus floors.

MATERIALS ATTACHED AS SUPPORTING DOCUMENTS: Sealed bids attached
Sealed bids obtained:
$21,555.10 Concrete Craft
$35,830.05 MSC Floors
$45,176.00 Concrete Floor treatment

POSSIBLE COURSES OF ACTION: Approve / deny the low bid to repair and resurface the fire station apparatus bay floors. Maintenance / repairs to include being ground down, cracks filled, any damage repaired, and polished by Concrete Craft in the amount of $21,555.10 from account line item 101-336-972

SUGGESTED MOTION: Motion by _____, supported by _____ to approve / deny the low bid to repair and resurface the fire station apparatus bay floors. Maintenance / repairs to include being ground down, cracks filled, any damage repaired, and polished by Concrete Craft in the amount of $21,555.10 from account line item 101-336-972.

Bid Opening SLFD Flooring Date - 9-6-22

Date Received	Company Name	Bid Amount	Bid Rank
9-6-22	Concrete Craft	21,555.10	1
9-6-22	MSC Floors	35,830.05	2
9-6-22	Concrete Floor Treatment	46,176.-	3

CONCRETE CRAFT

Concrete Craft of Ann Arbor
PO BOX 130843
ANN ARBOR,MI 48113
(734) 234-3068
www.concretecraft.com

Quote #: 1346
Date: 09/05/2022
Sales rep: Joe O'Connell
[Email: joe.oconnell@concretecraft.com]

Dear City of South Lyon and South Lyon Fire Department,

This bid describes the work requested in the solicitation to redo the floors at the South Lyon Fire Department. Installation Address: 217 Whipple Street, South Lyon, MI, 48178.

The project can be completed within the timeframe requested. Upon acceptance of the bid and initial deposit, expected timeframe to begin the project is within two weeks. We require 50% down payment prior to beginning the work. Remaining balance is due upon completion of a project. Please don't hestiate to reach out to Joe O'Connell with any questions.

WORK AREA	TOTAL AREA	DESCRIPTION OF WORK	PRICE
Interior Commercial	4399 Sq Ft (Estimated)	Step 1: Preparation: Extreme care is taken to prep every concrete slab to ensure the application pro cess meets our standards. A thorough cleaning and exfoliation will ensure an extreme bond every time, utilizing our exclusive process and products. • Plastic and tape all walls and baseboards (as necessary) • Remove existing coatings, paint, or glue if needed • Prepare surface as required to ensure structural integrity • Chase, clean and fill cracks and smooth rough spots as necessary • Grind at 40 grit and 120 grit • Clean surface and remove contaminants	$21,555.10
		Step 2: Application: • Re-apply yellow back-up paint lines as requested • Apply base coat seal with High solid Epoxy 96% clear • Apply topcoat High Wear Urethane 93% mixed with TruGrip Fine (40 Mesh Slip Additive to add traction to the floor)	
		Step 3: Project completion: • Pick up and cleanup of our work areas • Provide Maintenance & Care Sheet	
		Total:	**$21,555.10**

Concrete Craft Terms and Conditions

1. POURED/STAMPED CONCRETE. Custom stained or integrally colored concrete is protected with a high-quality solvent based acrylic sealer that is not 100% UV stable. ConcreteCraft stamped concrete may require resealing more often in areas of direct sunlight. Resealing will be necessary to protect the color and finish, but resealing is not included in this contract. Concrete Craft is not responsible for chips or scrapes from lawn mowing/edging, fertilizer application, aeration, or slice seeding that damages the edges. ONLY plastic shovels should be used for snow/ice removal and absolutely no salt should be used on ConcreteCraft concrete. The use of salt risks damage to the Concrete Craft patio or driveway. Always consult ConcreteCraft regarding proper cleaning chemicals, techniques and resealing products. Incompatible resealing products could result in damage or discoloration of the concrete, or damage or failure of the existing sealer. ConcreteCraft makes every effort to direct cracking into straight lines, but cracking is expected and sometimes occurs outside of planned control joints. Placing concrete and installing control joints are done according to ACI standards. ConcreteCraft concrete installation will meet or exceed industry (ACI) standards for subgrade preparation, reinforcement, pitch, and finish. Appropriate control joints and saw cuts will be placed according to best practices to help direct cracking, but cracks outside of these control joints may develop. Concrete Craft does not warranty new concrete against cracking.

2. EMPLOYEE PRESENTATION AND CONDUCT. ConcreteCraft takes pride in our professionalism. You will experience a uniformed, polite, hard-working crew, and we provide a smoke and profanity free installation. We are punctual and honor our commitments. We communicate our arrival ETA via text. If we are going to be late we will notify you prior to our appointed arrival time. Please report any deviations from this standard of conduct immediately.

3. DEMOLITION/REMOVAL AND EXCAVATION. Removal of existing concrete assumes a standard slab of 4", and haul-off and disposal fees are calculated accordingly. Concrete encountered greater than standard thickness may delay your project and will incur additional fees. If site conditions are discovered during demolition and excavation that were not apparent during the site survey, such as voids or sinkholes, buried construction debris, or bedrock, additional fees will apply. ConcreteCraft is not responsible for damage to any unmarked or unseen utilities or structures.

4. SITE CONDITIONS. Installation requires the work area and access completely cleared and ready for work prior to the scheduled start time. Installation requires two (2) dedicated 20amp circuits, adequate lighting, running water, and access to the breaker box. If any of the above are not available or accessible, additional charges will apply. (Generator $150/day, portable lights $80/day, water tank/pump $150/day) The work site will be closed to and must be protected from all foot traffic, including pets, guests, and other trades during installation, and until all work is completed (including proper time for curing.) Interior installation requires the environment be maintained at a constant temperature between 65°-75° for one day prior to, throughout the installation, and for one day after the project is completed. Interior overlay products, stains, and sealers are sensitive to temperature and humidity until fully cured. Failure to maintain necessary site conditions may require re-coating, removal and reapplication, or complete re-installation at client's expense. Any failure by the client to maintain proper site conditions that results in additional work and/or materials by ConcreteCraft will be considered a work stoppage/change order and billed accordingly. If reapplication or reinstallation is necessary and the appropriate material is not on hand to proceed, expedited acquisition fees such as rush shipping, courier fees may additionally be charged.

5. CONCRETE OVERLAY/RESURFACING. Movement of the concrete or deck surface on which the coating is applied may result in cracks forming in the overlay. A 3/8" or thinner overlay system will not prevent 4" of concrete from moving. It is presumed the substrate or surface on which Concrete Craft systems are applied is stable with adequate foundation and support. ConcreteCraft warranties against delamination for 2 years for cementitious overlays, for 3 years for epoxy primer/roll-on cement systems (RenewKoat,) and for 10 years on garage broadcast systems (flake and quartz.) A moisture test is performed for all interior and garage systems and an appropriate moisture mitigation layer will be recommended for slabs exhibiting moisture vapor outside of appropriate levels. Delamination that occurs from moisture levels that later develop due to flooding, foundation failure, improper exterior drainage, or mechanical abrasion are expressly excluded from this warranty. ConcreteCraft is not responsible for any delamination of overlay due to substrate movement or cracking. ConcreteCraft recommends resealing every 18-36 months to maintain the beauty and protection of the overlay. This is an additional service that we provide, but is not covered by warranty. ConcreteCraft overlays/resurfacing are precisely metered to follow the profile of the existing substrate and will not, and are not, designed to provide relief from improper drainage, improper pitch, or to redirect water. ConcreteCraft products and systems are not designed to be waterproof. Crack filling and crack repair are performed according to best practices, but are often temporary fixes and cracks will reappear if slab movement continues. Slab stabilization or foam injection may be required to prevent future movement and should be performed prior to installation and repair by a qualified specialist such as USS. This is a service that ConcreteCraft can contract at preferred rates, but is not a service that ConcreteCraft performs.

6. CONCRETE STAINING. a) Concrete stains will react differently with different concrete slabs, depending on the chemical composition of each slab. Color variations are expected due to the unique composition of each concrete slab. ConcreteCraft colors are blended and applied according to strict formulas, but a perfect color match is not

guaranteed. Concrete stains penetrate or adhere to the top layer of the concrete, but like any fine finish can be scratched by sharp or heavy objects. Concrete Craft stains are not guaranteed against scratching, excessive wear, or mechanical abrasion. Some Concrete Craft sealers may take 5-7 days to fully cure. Light foot traffic is usually possible in 24 hours. It is very important to avoid applying any type of adhesive tape to a sealed surface. Tape adhesive may bond to the sealer and result in delamination the topcoat and overlay or stain system. ConcreteCraft is not responsible for damage from any such occurrence. If the finished floor needs to be protected during the curing period to protect it, DO NOT COVER WITH ANY TYPE OF PLASTIC. Plastic can trap moisture which can affect the finish of the floor. Concrete Craft is not responsible for damage if this occurs. Rosin paper or fabric is preferred. DO NOT tape the rosin paper to the floor.

7. CANCELLATION OF CONTRACT. If contract is canceled within three days from the date signed, a full refund of any deposit will be given. After three days, a 30% cancellation charge will be assessed on any work canceled. If part of the contract is canceled, then 30% will be charged on canceled items. If a partial cancellation results in ordered material not being used, the customer will be additionally charged a stock/storage or return shipping fee. If cancellation results in an inactive crew or lost production days, the customer agrees to pay a labor rate of $800/day for an idled crew.

8. CHANGES IN THE WORK. Product and material are ordered according to the contracted process and color. Changes to the process or color at any time prior to or during installation may incur substantial delay and additional charges. Installers are not authorized to perform additional work not appearing on the installation work order. A work stoppage or delay resulting from a color/application change during installation will be billed at $800/day. Any change order that results in an inactive crew or lost production days will be billed at the same rate.

9. INSTALLATION AND ARTISTIC DISCRETION. We take great pride in the finish and quality of our work. Installation is done by imperfect humans, using materials that are undergoing active and sometimes rapid chemical change. Your project is at the mercy of environmental conditions such as temperature, humidity, and wind which may affect the installation. ConcreteCraft reserves the right to postpone, delay, or change the installation date to insure an optimum outcome. Sometimes rapid decisions must be made to protect the integrity of the installation. If environmental conditions suddenly change during installation, these changes can result in slight differences in color or texture from an approved sample. If equipment failure, loss of power, off leash pets, neighbors engaging in conversation, leaves, pollen, wind gusts, or any other unforeseen site conditions occur ConcreteCraft reserves the right to make necessary design or finish changes if necessary to protect the integrity of the installation, without notification or approval of the client. Site conditions and environment affect each installation. Every installation is a unique work of art. Our installers are factory trained, skilled tradesmen. We strive for perfection, but no project is perfect and installation variation is expected.

10. TERMS OF PAYMENT. The quote must be approved and executed electronically and the agreed deposit must be made to schedule work. Payment is due upon completion of the project. By approving a quote, you are entering into a binding contract and are agreeing to these terms and conditions. Work is scheduled and performed in the order that deposits are received, not by when the quote is approved. No work will be performed without an approved estimate. Any work performed outside of the installation calendar will incur a minimum surcharge of 20% of the total project cost, and must be approved by all affected previously scheduled clients. ConcreteCraft maintains 3 separate installation calendars: Full depth (new) concrete, exterior overlays, and interior applications. ConcreteCraft reserves the right to substitute installations on another calendar due to inclement weather or unforeseen work stoppage. For certain jobs a Notice To Owner must be signed prior to commencement of installation to protect ConcreteCraft's collection rights up to and including property lien. ConcreteCraft reserves the right to file lien without prior notice for any unpaid balance after 30 days past due.

11. CARE AND MAINTENANCE. Concrete Craft products have endured rigorous testing in both commercial and industrial applications. ConcreteCraft is confident these systems will prove to be extremely durable and long- lasting. However, no product is indestructible. Overlay, stains, and sealers are topical applications that will scratch, and with enough weight and force, even concrete will scratch. Treat your fine finish with the same care that you would exercise with hardwood. Do not drag items, instead, lift and place. Plant containers should have liners, furniture feet should be covered with felt cushions. We have observed that some rubber and plastic compositions used in ladders, mobile shop equipment, and outdoor furniture can bond to certain non-industrial sealers and may remove the entire system. Caution should be exercised not to abuse new ConcreteCraft concrete, coatings, and stains. Each ConcreteCraft System is designed with ease of maintenance in mind. Proper care should be exercised after installation. If pressure washing (pressure rinsing) is conducted on exterior surfaces, do not exceed 1,800 PSI and only use a 40-degree fan tip. Keep the tip high! DO NOT place tip within one foot of surface. A medium bristle brush with a mild detergent (Simple Green) is usually sufficient to properly maintain an exterior surface.

12. REVIEWS AND REFERRALS. We enter every project with the expectation of delivering a contracting experience and completed project worthy of a 5 Star review, and our installers receive a bonus for every 5 Star review returned. We will work hard to earn the privilege to ask you for that review, and upon project completion will do so.

CONCRETE CRAFT

EXTREME HOME EDITION

A2@concretecraft.com

We are Concrete Craft of Ann Arbor

Locally owned & operated, backed by the largest decorative concrete company in North America.

Our Mission Statement:

To operate our business with the utmost honesty and professionalism in everything we do. To treat our customers, employees, and vendors with the same degree of respect that we would expect for ourselves. To provide design and installation services that are based on clearly understanding the needs and desires of our clients. To gain the trust of our customers and to earn their business. To provide leadership and be a positive influence for the betterment of our community. Together, we do it better!

At Concrete Craft of [YOUR TOWN], turning the ordinary into extraordinary is our business. Here are just a few of the many reasons to trust our team to create your custom designed patio, driveway, walkway or basement:

- Our design process is based entirely on understanding your needs and solving your problems. Our consultative approach ensures that **our design, is your design**

- **Superior Products, Exceptional Results:** Our exclusive **MasterPro™** concrete resurfacing system includes performance-grade polymer and aggregate mixes for a superior product. Our overlays will produce a smoother, stronger, more durable long-lasting bond to your concrete surfaces.

- **Less Mess & Quicker Turnaround:** Resurfaced concrete can save you a great deal of time and money compared to the cost of demolition and replacement. Our jobs go quicker, with less mess and upheaval than new projects and no big trucks to clutter up your driveway or damage your yard.

- **Local Neighborhood Expertise:** With our intimate knowledge of the area and the backing of a strong national brand, you will have the peace of mind that comes from choosing the proven leader in concrete resurfacing.

- Our highly trained, **Factory Certified Crews,** led by our owners ensure your project is done right, the first time.

- We practice a **"Pack in Pack out" worksite and clean-up protocol**, using eco-friendly products to ensure your property, home and landscaping are minimally impacted by our project.

- We do not play pricing games with inflated base prices and outrageous discounts – our **pricing process is transparent** and all-inclusive.

- **Together, we do it better!** Once we have done a project for you, we view you as a customer for life – We'll ask if we have earned your confidence for great reviews on social media and referrals to your family, friends, and associates.

CONCRETE CRAFT
CONCRETE CRAFT OF ANN ARBOR
A2@concretecraft.com

EXTREME HOME EDITION

Superior Quality, Exceptional Results with Concrete Craft's MasterPro™ Products

Proprietary Additives Produce a Stronger and More Complete Bond. Concrete Craft's MasterPro™ mixes are scientifically enhanced with a proprietary rheological agent that help the polymers, sands, cement and other active ingredients more "fully" react and mix with each other. The ability for all the ingredients to fully react and mix thoroughly eliminates clumping, which could cause weak spots, and allows the mix to create a stronger and more complete surface. Our technology increases the beauty of the overall look and eliminates delamination.

The Right Polymers are Key. Concrete Craft uses very specific types of polymers that are the most technologically current, 3rd party tested, superior performance grade co-polymers available. There are less expensive and less compatible polymers on the market, which are widely used in the industry. Concrete Craft only uses the highest grade polymers that have been fully tested to insure they will fully react and blend with all ingredients in our resurfacing mixes to produce a smoother, stronger, more consistent, long lasting bond without re-emulsifying or delaminating.

All sand is the same...Right? Not true...sands can be angular, sub-angular, rounded, inconsistently sized, and have varying colors, which can affect the performance and look of the overlay mix. Concrete Craft exclusively uses on-site mined, superior grade, perfectly colored, and size matched "sub-angular and round" sand. Sub-angular with round sand locks more tightly together for maximum strength throughout, is less gritty when troweling, and helps create a smoother and less granular finished look.

Scientifically Balanced Formulation for Better Performance. Concrete Craft's MasterPro™ mixes have been scientifically engineered and tested over 15 years to find that perfect balance of cement, proprietary additives, sand, polymers and water to be the best performing mix on the market. Even the cure times have been engineered to allow low water to cement ratio to create a better internal curing blanket for maximum strength and hardness. When all ingredients are balanced and fully react with each other, it allows the mix to trowel smoother, stamp more easily, and be applied from a deep fill to a feathered edge without creating shrinkage cracks.

Control of All Stages of Manufacturing Produces Quality. You can only obtain consistent quality if you control every step of the manufacturing process. Concrete Craft's manufacturing partner controls the quality of our Resurfacing Mixes by owning the process from the scientifically precise and tested formulations that are produced in their own labs. They control everything from mining and processing of the sands from their quarries, to sourcing, testing, and acquiring the highest quality raw ingredients. Even the blending, mixing, and packaging are all done in their factory using strict quality control measures. When you control the process from beginning to end, you can ensure consistent quality.

Realistic Looks Are No Accident. The quality of our ingredients, formulations, manufacturing processes, combined with Concrete Craft's MasterPro™ coloring system, works to create a realistic look that mimics actual stone, wood, tile and more. When compared side by side, our quality shines.

SOUTH LYON

FIRE DEPT.

Polish Flooring Proposal

WARNING: THERE IS A LOT TO UNPACK IN HERE BUT IT'S OUR WAY TO INTRODUCE OURSELVES

MSC FLOORS
Michigan Specialty Coatings, Inc
DBA MSC FLOORS, Inc.

Eastern Michigan Facility HQ
5407 Gratiot Avenue
Saint Clair, Michigan 48079

Western Michigan Facility
10000 Miller Drive
Galesburg, Michigan 49053

*Unique **Challenges**. Unique **Solutions**.*
Flooring Engineered for Challenging Environments.

Polish Concrete Flooring Option

800/1500 CONCRETE POLISH SHINE

PROCEDURAL STEPS

1. **Mechanically prepare the surface** of the concrete by abrading it with 30/40 metal bond diamonds in order to remove any mastic or thin-set mortar. Sweep, vacuum and scrub the entire area to remove dust and debris.

2. **Fill joints** with flexible joint filler.

   Purpose - Keeping your joints watertight will prevent moisture and contaminants from seeping under concrete pads.

   OPTIONAL

3. **Cut the concrete** with 60/70 metal bond diamonds.

4. **Polish concrete** with 50 grit resin pads.

5. **Polish concrete** with 100 grit resin pads.

6. **Polish concrete** with 200 grit resin pads.

7. **Apply concrete densifier**

   Purpose - Owners will enjoy a more wearable, abrasion and stain resistant surface that reduces dusting and permeability while being easier to clean, resulting in reduced maintenance costs.

8. **Polish concrete** with 400 grit resin pads.

9. **Polish concrete** with 800 grit resin pads.

10. **Polish concrete** with 1500 grit resin pads.

OPTIONAL

11. **Apply a topcoat of stain guard** to the surface and burnish with a 1500 grit impregnated pad.

    OPTIONAL

12. **Complete cleanup** of all prep, work, and installation areas.

    Purpose - To ensure complete satisfaction and the best results.

Polish Concrete Flooring Option

Michigan Specialty Coatings, Inc
DBA MSC FLOORS, Inc.

ESTIMATE #	DATE	EXPIRES
4951	09/02/2022	09/23/2022

CUSTOMER

City of South Lyon
Joey Thorington
335 South Warren Street
South Lyon, MI 48178

Mike Hollins

Project Manager

mikeh@mscfloors.com 810-941-7290

	Total
Polish with removal, patching and joint fill	$35,830.05

MSC Floors to perform the following
**Job to be performed in sections so station can stay operational as all times, 1/2 of apparatus bay at a time

· Applies to all fire station apparatus bay floors and the ambulance area bay floors.
· Fill all saw cuts and voids prior to polishing
· Grind and polish existing concrete to medium sheen level.
· Supply epoxy and all materials needed for the job.
· Re-apply yellow back-up paint lines in the station/apparatus floor.
· Job must be completed in the fall of 2022, prior to freezing temperatures

Project Notes/Requirements	$0.00

Project Requirements:

An area 15'X15' for materials and equipment to be staged; trash disposal; restroom access for the crew; finished lighting; and 3 Phase 480 volt power at 50 amps.

Project Notes:

Holidays, Sundays, and Night Work will be charged at a premium.

Additional Notes:
- If power is not available MSC Floors can supply a generator at a cost of $550 per day (delivery and pickup not included)

- Customer will be responsible for leaving a clean and dry surface before we start this project.
- Customer will maintain temperature at all time during this project.
- If there are any delays caused by others during the course of this project, there will be a charge for lost time.

Polish Concrete Flooring Option

Michigan Specialty Coatings, Inc
DBA MSC FLOORS, Inc.

ESTIMATE #	DATE	EXPIRES
4951	09/02/2022	09/23/2022

- Zero foot traffic at all times in the work area.
- Customer responsible for protecting adjacent work areas, equipment, and goods from dust, odor, etc.
- Customer to protect finish floor once we are complete. Protect flooring where chairs/carts are rolled back and forth repeatedly as micro-scratching may occur. Floors can be stained by chemicals, tire markings, etc., especially if not addressed soon after they occur.

- During the installation all employees will have safety glasses, hearing protection, steel toe boots as well as high-visibility safety orange shirts, project supervisors will be wearing safety blue high-visibility shirts.

- Tool Box talks are conducted regularly.
- MSC Floors use a combination of construction vacuums and vacuums equipped with HEPA filters to comply with OSHA silica safety standards.

Polish notes $0.00

Concrete Polish - Polished floors have a great benefit as the sheen is achieved by repetitive grinding, therefore there is nothing to peel off the floor over time. These floors also are "artistic" in nature being that every floor, every concrete pour, is different based on age, troweling, etc. due to this, the floor will have a unique look. The polish creates reflectivity and clarity while the densifier dust proofs the floor. Hand polished edges will have a slightly different sheen than the interior of the floor due to the difference in the polishing equipment used to hone the area.

Total $35,830.05

Subtotal	$35,830.05
Tax: (0%)	$0.00
Total	**$35,830.05**

TERMS & CONDITIONS

Please see the above proposal and review it carefully. In order to proceed with the project, please have an authorized person sign and return the proposal OR reply to this email with ACCEPTED. By accepting the proposal, you are representing you are an authorized party and agreeing to the price and scope of work contained in the proposal which is made and accepted according to the terms and conditions found at:

http://mscfloors.com/terms-and-conditions

No work can begin without an accepted proposal.

Polish Concrete Flooring Option

Michigan Specialty Coatings, Inc
DBA MSC FLOORS, Inc.

ESTIMATE #	DATE	EXPIRES
4951	09/02/2022	09/23/2022

NOTE: A 3.5% Convenience Fee will be assessed on all credit card payments.

Due to pricing volatility, estimates are only good for 14 days. Pricing is subject to change if a contract or PO is issued after this period. If the estimate is accepted in the allotted time, by PO or contract, and the project is scheduled more than 30 days out, a provision for up-front procurement and storage of materials will need to be negotiated.

APPROVAL

This Estimate has been accepted on _____ by Joey Thorington (City of South Lyon)

Signature: _____

Safe, Durable, Dependable
Firehouse Floors

It's True...

Your engine bay floors are a reflection of your pride in public service. You've worked hard to gain and maintain the trust of your local community. Your floor's performance and aesthetics not only create a safe and inviting atmosphere, but also sets a precedent amongst your peers and increases employee morale.

Concrete Floor Treatment, Inc.

38257 Abruzzi Dr., Westland, MI 48185
734-721-4640

September 6, 2022

South Lyon Fire Department
217 Whipple Street
South Lyon, MI 48178

Attn: Joey Thorington- Fire Chief firechief@southlyonmi.org 248-437-2616

Re: Fire Station Polished Concrete and Epoxy Proposal

Concrete Floor Treatment, Inc. is pleased to submit the following proposal. Furnish all labor, materials, and equipment to prepare and install the following floor finish.

Polished Concrete-

1. Mechanically remove existing floor coating.
2. Mechanically Grind concrete to expose "salt & pepper" look
3. Repair minor cracks and defects in concrete surface
4. Grind floor with 30, 50, and 100 metal bond grit diamonds
5. Grind floor with 50, 100, and 200 ceramic bond grit diamonds
6. Apply penetrating hardener
7. Polish floor with 400 and 800 resin bond grit diamonds
8. Apply surface protection guard
9. High speed burnish floor with 1500 grit diamond pad
10. Install new 4" yellow lines with Safety Yellow Tile Clad

Total Cost ..... $ 46,176.00

Voluntary Epoxy Flake Alternate-

Total Cost ..... $ 39,870.00

All fire station apparatus bay floors and the ambulance area bay floor consists of 4,536 square feet. If you should have any questions, feel free to contact me by calling 313-460-4644

Sincerely,

Eric Carnacchi
Vice President
Concrete Floor Treatment, Inc.
Cell: 313-460-4644
Office: 734-721-4640

AGENDA NOTE

New Business: Item #2

MEETING DATE: September 26, 2022

PERSON PLACING ITEM ON AGENDA: Doug Varney, Director, DPW and Utilities

AGENDA TOPIC: Purchase of two new Solar LED Flashing Crosswalk Beacon Systems for installation at two crosswalks.

EXPLANATION OF TOPIC: As outlined in this year's budget the city is planning to upgrade two crosswalks with LED Flashing systems as was installed in the fall of last year at Lafayette St and Whipple St. The DPW has obtained quotes and would like to order the materials to install these at the west side crosswalk on Wells St and W. Lake St as well as the north crosswalk on Lafayette St. and Liberty St. Everything is included with these Crosswalk Systems with the exception of poles for one of the crosswalks. For the Well St installation, the devices will be mounted on existing poles. The two poles needed for Liberty St will total less than $100.00. This is a budgeted expense and can be purchased under line item **202-474-740** for $19,562.25 from Carrier & Gable Inc.

SUPPORTING DOCUMENTS:
Attachment 1: Quotation
Attachment 2: Images for Crosswalk Installations

POSSIBLE COURSES OF ACTION: Approve purchase/do not approve purchase.

SUGGESTED MOTIONS:

Motion by _____, supported by _____ to approve the purchase of 2 two Solar LED Flashing Crosswalk Beacon Systems at the delivered cost of $19,562.25 under account number 202-474-740.

LED Lighting Solutions

42410 Winchester Rd.
Temecula, California 92590
United States

Estimate

EST04225

Doc Date: 09/08/22

BILL TO:

City of South Lyon, MI

520 Ada Street
South Lyon, MI 48178
US

SHIP TO:

City of South Lyon, MI

Jeff

520 Ada Street
South Lyon, MI 48178
US

Sales Rep	Customer PO	Expires On

Qty	Item	Description	UofM	Unit Price	Ext. Price
4	CCRS004-RFB-PB-BB-SLV	Solar LED Rapid Flashing Beacon System (Amber) Back to Back with Aluminum Silver Push Buttons - Includes 2 Silver Aluminum Push Buttons, 2 Solar Panels, 4 RFBs, 2 Back-to-Back Junction Boxes, 2 Sets of Hardware (Signs not Included)	Each	$3,324.99	$13,299.96
16	*RRFB-012-YEL-WWS*	12V Amber Yellow Rapid Flashing Beacon - MUTCD Compliant Wig-Wag + Steady Flash Pattern - (Requires junction box to operate - only works with SCNTL-001-RFB-12V-BB-PB-WWS)	Each		
8	*SIGN-HDWR-001*	Hardware for Mounting Solar Junction Boxes for Flashing Signs - (SCNTL-001 Series) - Comes with 2) Metal Band Brackets, 1) Slider & 1) 'U' Bracket - Comes with Sign Install Guide	Each		
8	*STND-PB-SLV*	Push Button for Push Button Activated Systems - Silver Aluminum Button	Each		
8	*SCNTL-001-RFB-12V-BB-PB-WWS*	Solar LED Back to Back Push Button Rapid Flashing Beacon Solar 12V Junction Box (Only works with RFB System) - 1 MUTCD Compliant Flash Pattern (Wig-Wag + Steady Flash)	Each		
8	*SIGN-HDWR-003*	Hardware for LED Flashing Traffic Signs - Kit includes 2) Fully notched Metal Band Brackets and 2 Sign Bracket Sliders	Each		
8	*SLR-2018*	20W 18V Solar Panel	Each		
16	W112X-0036-DMG-FYG	MUTCD W11-2 36" Crosswalk Sign - Diamond Grade FYG Reflective Sheeting - UV Protected	Each	$130.62	$2,089.92
8	W167L-1830-DMG-FYG	MUTCD W16-7PL 18 x 30" Pedestrian Crossing Left Arrow Sign - Fluorescent Yellow/ Green Reflective Sheeting - UV Protected	Each	$61.74	$493.92
8	W167R-1830-DMG-FYG	MUTCD W16-7PR 18 x 30" Pedestrian Crossing Right Arrow Sign - Fluorescent Yellow/ Green Reflective Sheeting - UV Protected	Each	$61.74	$493.92

5% discount + free shipping applied for quantity discount
Sales tax not applicable
2-3 week lead time

Subtotal	$16,377.72
Tax	$0.00
Freight	$0.00
Discount	$0.00

- ESTIMATES ARE GOOD FOR 30 DAYS -

LED Lighting Solutions
42410 Winchester Rd.
Temecula, California 92590
United States

Estimate

EST04225

Doc Date: 09/08/22

Total **$16,377.72**

- ESTIMATES ARE GOOD FOR 30 DAYS -

CARRIER & GABLE, INC.
24110 Research Drive
Farmington Hills, MI 48335
(248) 477-8700 (248) 473-0730 • FAX
www.carriergable.com

SALES QUOTE

Sales Quote	60860
Sales Quote Date:	8/11/2022
Expires On:	10/11/2022
Customer ID:	C05061
SalesPerson:	Chris Leonard
Terms:	NET 30 DAYS

Sell To:
SOUTH LYON, CITY OF
DOUG VARNEY
335 S. WARREN
ATTN: WATER DEPARTMENT
SOUTH LYON, MI 48178

Ship To:
SOUTH LYON, CITY OF
DOUG VARNEY
520 ADA
ATTN: WATER DEPARTMENT
SOUTH LYON, MI 48178

ALL VALUES STATED IN U.S. DOLLARS

Bid Item No.:
Shipment Within: 4-6 WEEKS ARO
Shipping Terms:

Project No.:
Intersection: WELLS @ 10 MILE AND LIBERTY @ PONTIAC TRAIL
Project City: CITY OF SOUTH LYON
Project County: OAKLAND COUNTY
Sheet:
Project Misc.:

Item No.	Description	Cross-Reference No.	Qty.	Unit Price	Total Price
177RRFB	RRFB SOLAR ENGINE ASSY BLACK		4	4,463.50	17,854.00
177-4002	RRFB, SOLAR ENGINE, BLACK		4		
177-4010	LIGHTBAR, RRFB, W/CONF LIGHT, BLACK		8		
177-2044	BATTERY, E SERIES, 7AH		8		
177-NS11334	MOUNT, TOP OF POST, 2-2.5" SQUARE CAST BLACK		2		
177-2076	BRACKET, RRFB, R920, SOP, BLACK		2		
177-2087	HARNESS, RRFB LIGHT BAR, 16'		8		
177-2085	HARNESS, LED/PUSH BUTTON, 16'		4		
146-1011	PUSHBUTTON, BULL DOG SP-014 YELLOW		4		
146-2001	ADAPTER, PUSHBUTTON WOOD YEL		4		
144-3025	SIGN, PUSHBUTTON, FLASHER R10-25		4		
	***** END of KIT *****				
144-3040	SIGN, W11-2 36"X36" PEDESTRIAN, FYG		8	115.00	920.00
144-3030	SIGN, W16-7P 36" X 18", DG, FYG RIGHT		4	67.00	268.00
144-3035	SIGN, W16-7P 36" X 18", DG, FYG LEFT		4	67.00	268.00
242-1010	BRACKET, SINGLE BOLT FLARED W/HDWR BAND-IT		32	5.50	176.00
242-1001	BANDING,.75" REG .030 X 100FT, TOTE		1	76.25	76.25
	NO SIGN POSTS QUOTED				
	FREIGHT OUT-MICHIGAN TBD		1		

Amount Subject to Sales Tax	0	**Subtotal:**	**19,562.25**
Amount Exempt from Sales Tax	19,562.25	Invoice Discount:	0.00
		Total Sales Tax:	0.00
		Total:	**19,562.25**

GRAINGER

Cart

Order Summary

Subtotal	**$24,976.80**	Estimated Tax	**N/A**	Estimated Standard Shipping	**FREE**
Estimated Other Shipping	**$139.00**				

Estimated Total $25,115.80

TAPCO

Solar Pushbutton Pedestrian Crossing Warning System: 36 in x 36 in Nominal Sign Size, Aluminum

Item # 61DU28

Qty
4

Your Price
$6,244.20 / each
Total **$24,976.80**

Availability

Ships from supplier. Expected to arrive by end of **Oct, 2022**.
This item requires special shipping, additional charges may apply.

City of South Lyon
Crosswalk
Improvements
FY 22/23
N Lafayette
N Wells St
E Lake St
E Liberty St
Crosswalk #1
Crosswalk #2
21-19-476-016
21-20-360-014
21-20-360-015
21-20-360-026
21-20-361-024
21-19-477-029
21-29-101-007
21-29-101-012
21-30-228-016
21-30-228-015
21-29-104-036