



Public Works Committee

4:30 p.m., Wednesday, May 5, 2021

Council Chambers

1207 Palm Boulevard, Isle of Palms, South Carolina

Public Comment:

All citizens who wish to speak during the meeting must email their first and last name, address and topic to rhanna@iop.net no later than **3:00 p.m. the day before the meeting.**

Citizens may also provide public comment here:

<https://www.iop.net/public-comment-form>

Agenda

1. **Call to order** - and acknowledgement that the press and public have been duly notified of the meeting in accordance with the Freedom of Information Act.
2. **Approval of previous meeting's minutes** – April 12, 2021
3. **Citizens' Comments**
4. **Department Report** – Director Pitts and Assistant Director Asero
5. **Old Business**
 - a. Update on Phase III Drainage Project, small internal projects and Waterway Boulevard path elevation project
 - b. Update on Island Wide Drainage Master Plan RFP
 - c. Discussion of the creation of an Environmental Advisory Committee
6. **New Business**
 - a. Discussion and consideration of RFP proposals for the installation of drainage infrastructure and grading to address drainage issue at the intersection of 34th and Hartnett Boulevard
 - b. Discussion of potential solutions to drainage ditch erosion issues
 - c. Discussion of changes to the backyard service in Wild Dunes
7. **Miscellaneous Business**

Next Meeting Date: 4:30 p.m., Wednesday, June 2, 2021
8. **Executive Session** – If needed
9. **Adjournment**



PUBLIC WORKS COMMITTEE
4:30pm, Monday, April 12, 2021
1207 Palm Boulevard, Isle of Palms, SC
and broadcasted live on YouTube: <https://www.youtube.com/user/cityofisleofpalms>

MINUTES

1. Call to order

Present: Council members Smith, Streetman, Ward

Staff Present: Asst. Administrator Hanna, Director Pitts, Director Kerr, Asst. Director Asero

2. Approval of previous meeting's minutes – March 3, 2021

Council Member Streetman made a motion to approve the minutes of the March 3, 2021 meeting, and Council Member Smith seconded the motion. The motion passed unanimously.

3. Citizens' Comments -- none

4. Department Reports – Director Pitts and Assistant Director Asero

Director Pitts reported that garbage and miscellaneous collection totals were normal while yard debris collection was up 100 tons for March. The generator unit failed in PW26 resulting in a \$12,000 expense in Vehicle Maintenance. He anticipates another \$8000 vehicle maintenance expense next month.

Director Pitts said he has been watching fuel prices and said it may be necessary to adjust the fuel line item amount in the proposed FY22 budget.

Asst. Director Asero reported on the many stormwater activities in March including scheduling drainage repair at 25th Avenue, work on the RFB for a drainage project at 34th and Hartnett, and reviewing the work on the smaller internal drainage projects. Public Works staff has painted the front beach fencing, repaired broken irrigation main lines at City Hall, and repaired the broken parking lot lights at the Marina. These lights are now dusk-to-dawn lights.

At the front beach, the parking lot has been cleaned and trash and debris have been removed by Public Works staff. ROC has been removed from the municipal lot and is being installed at the Public Works lot. Public Works staff also cleaned up debris on the connector as well as cleaned up the Breech Inlet parking lot.

Asst. Director Asero met with the Pleasant Places ROW contractor to discuss amendments due to the change in the parking plan along Palm Boulevard.

5. Old Business

A. Update on Phase III Drainage Project, small internal projects, and Waterway Boulevard path elevation – presentation by Thomas & Hutton

Hilary Aton and Rick Karkowski of Thomas & Hutton gave an overview of the status of the above noted projects. The design for the 30th Avenue outfall is complete. Three permits have been submitted and three applications for remaining permits have been completed. Discussion continues with Wild Dunes regarding the easements needed in this area.

The design for the Forest Trail outfall is complete. Five permits have been submitted and approval is pending.

The design for the 41st Avenue outfall is complete. Two permits are preparing for submittal and three applications are complete and awaiting submittal. The change order to be discussed later in the meeting is to cover mitigation, additional permitting, and submitting grant applications. Oyster reef restoration in the ICW is being considered as one of the mitigation efforts.

Construction on the Forest Trail outfall is scheduled to begin in the fall followed by the 30th Avenue outfall. Work on the 41st Avenue outfall will begin in FY23.

Three of the smaller internal projects are nearly complete. The remaining two projects are little behind schedule. Work was expected to be completed within 30 days, but they anticipate it will be slightly longer than that.

Mr. Karkowski reviewed the study, analysis, and engineering of the data completed that led to a recommendation of a 6' elevation of the Waterway Boulevard multi-use path. This elevation will reduce the chance of flooding events in the surrounding areas from 100% to 4% per year. It is proposed the path be widened from 5' to 8'. He shared a map identifying the areas where the path needs raising and where it needs other improved infrastructure. The cost for elevating and widening the path, including contingency, comes to \$615,000.

Director Kerr said that staff expects to learn a lot in the next year with the completion of the Drainage Master Plan and believes it would be wise to see where this falls on the project hierarchy list before committing to anything. He also noted that additional time is needed to collect damage assessments created by flooding in this area to help secure grant funding for the project. Council Member Smith expressed concern about waiting longer to repair this path, which she said presents safety and liability concerns. Director Kerr said some portions of the path could be repaved sooner with the acknowledgment that it will be torn up when the whole path is being repaired.

B. Update on island-wide Drainage Master Plan RFP

Director Kerr said work continues on this RFP and it is expected to be put out by the end of April. The Planning Commission will complete an analysis of the bids received and make a recommendation to the Public Works Committee for their June meeting.

C. Update on Non-Standard Service Fund Eligible Projects for FY22, FY23, and FY24

Asst. Administrator Hanna said that he and Administrator Fragoso recently met with Dominion Energy regarding these projects, specifically the project at the Marina. Dominion Energy will complete a comprehensive scope of work for the project which will include lighting and the relocation of a transformer. Once Dominion Energy has completed the draft of the engineering study, it will be shared with the Committee. Most of this project will likely roll over into FY22 with the others to follow in FY23 and FY24. He noted that easement acquisition at the Marina could delay the timeline, but once the study is complete, the conversion takes 6 months.

Council Member Smith said she would like to see the next two smaller projects completed in one fiscal year.

6. New Business

A. Consideration of change order in the amount of \$43,300 to the Thomas & Hutton contract for additional permitting efforts for the Phase III Drainage project

Director Kerr said this change order is being driven by separating the permits out for the 41st Avenue outfall project and the mitigation efforts. More design efforts for the mitigation piece are being done to help minimize the mitigation costs. The change order reflects the estimated number of hours and a contingency needed to complete the project.

MOTION: Council Member Streetman made a motion to recommend the change order to the Ways & Means Committee. Council Member Smith seconded the motion. The motion passed unanimously.

B. Consideration of replacement of 2003 Mack Flatbed in the amount of \$97,620 [FY21 Budget, Public Works, Capital Projects Fund, \$40,000; Hospitality Tax Fund, \$40,000, and State Accommodations Tax Fund, \$40,000]

Director Pitts said this is to replace a 19-year-old truck. He said the new truck is a lighter vehicle, giving the City more options for its uses.

MOTION: Council Member Smith made a motion to recommend the purchase to the Ways & Means Committee. Council Member Streetman seconded the motion. The motion passed unanimously.

C. Consideration of FY22 CTC “C” funding request for eligible new construction projects

Asst. Administrator Hanna said specific projects for this funding request will be brought before the Ways & Means Committee.

D. Discussion of the creation of an Environmental Advisory Committee

Council Member Smith said she believes input from the Strategic Plan indicates support for such an effort, one she would like to see in place by the fall. They could help City Council go wider and deeper on environmental issues that need addressing. She envisions a 7-person committee

that would meet at least quarterly. Council Member Ward said he would like to see a mission statement, purpose, costs, and concrete parameters before moving forward.

Asst. Administrator Hanna said staff is exploring options created by other communities including Folly Beach's Green Team.

E. Discussion of beach traffic and parking

Council Member Ward said he would like this committee more involved in this issue and would like the item to continue to appear on meeting agendas. Discussion briefly ensued about making the CARTA shuttle to and from the beach more palatable for small families. Council Member Streetman noted that the effects of angled parking on trash and yard debris collection have not yet been discussed. Council Member Smith would like to see the plan to reimagine Palm Boulevard accelerated and for staff to work with the County and SCDOT on cost-sharing efforts.

Administrator Fragoso came in at the end of the meeting and gave brief details of a long meeting she had just completed with SCDOT, including Secretary of Transportation Christy Hall, Council Member Bell, Chief Cornett, and several residents. There will be a Special Meeting of City Council later this week to discuss the outcomes of this meeting. She reported SCDOT is available to City Council members for in-person, onsite meetings this week.

7. Miscellaneous Business

The next meeting of the Public Works Committee will be Wednesday, May 5, 2021 at 4:30pm.

8. Adjournment

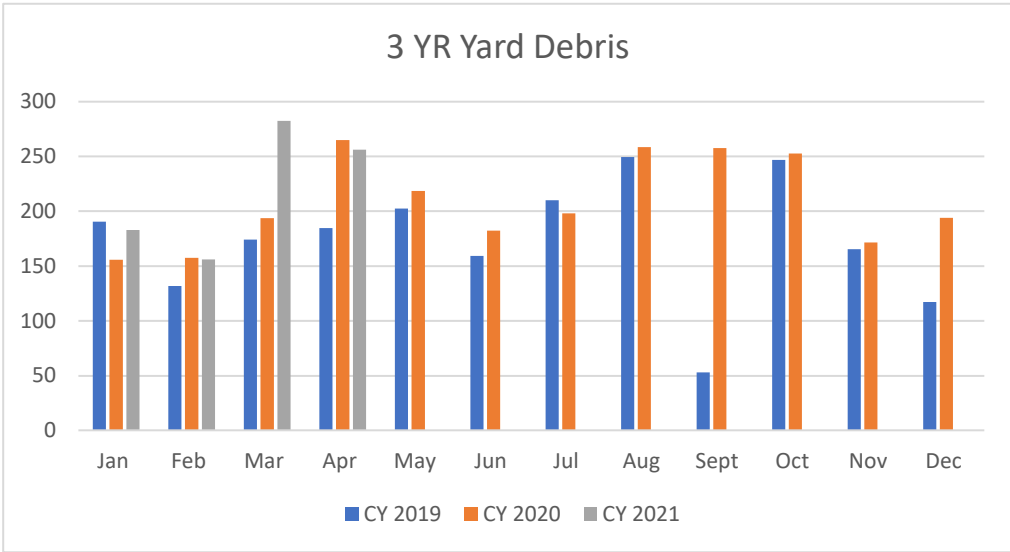
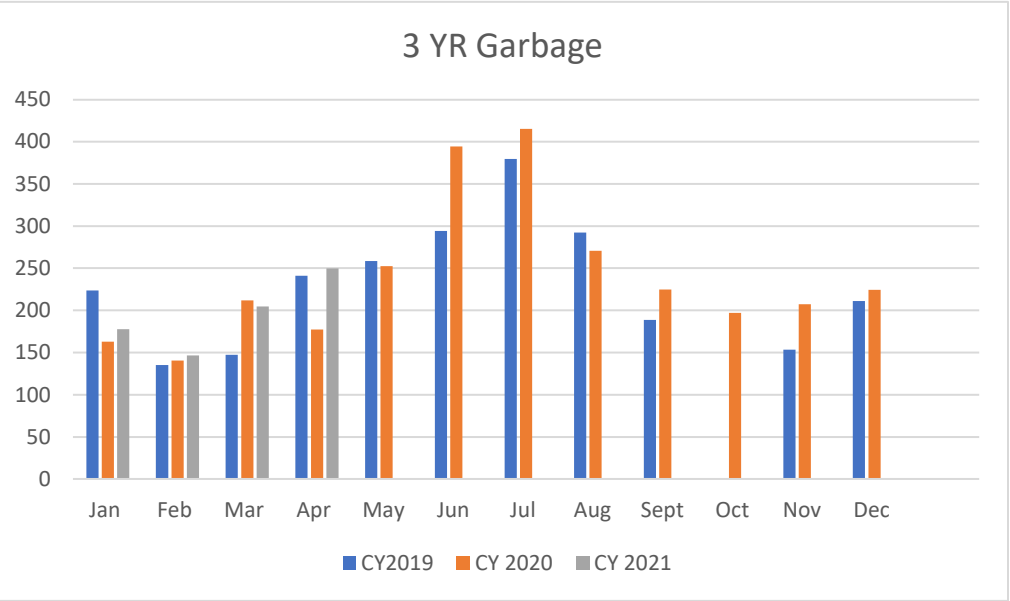
Council Member Streetman made a motion to adjourn, and Council Member Smith seconded the motion. The meeting was adjourned at 5:55pm.

Respectfully submitted,

Nicole DeNeane
City Clerk

	CY2019	CY 2020	CY 2021
Column1			
Jan	223.61	162.77	177.84
Feb	135.17	140.66	146.48
Mar	147.4	212.04	204.6
Apr	241.17	177.52	249.86
May	258.45	252.56	
Jun	294.31	394.38	
Jul	379.48	415.12	
Aug	292.36	270.71	
Sept	188.86	224.87	
Oct	Dorian	196.94	
Nov	153.27	207.44	
Dec	211.04	224.45	

	CY 2019	CY 2020	CY 2021
Column1			
Jan	190.61	155.93	183.07
Feb	131.74	157.44	156.06
Mar	174.3	193.74	282.37
Apr	184.59	265.04	256.07
May	202.48	218.67	
Jun	159.4	182.49	
Jul	209.97	198.07	
Aug	249.39	258.37	
Sept	53.11	257.64	
Oct	246.75	252.81	
Nov	165.36	171.54	
Dec	117.26	194.08	



General duties

Sanitation:

58.58 tons of misc. debris in April was transported to Palmetto Commerce Pkwy. **

VEHICLE MAINTENANCE

Beginning Budget \$90,000.00

Fund 10 GENERAL FUND			
04/01/2021	10-4620.5017	VEHICLE MAINTENANCE	BEG. BALANCE 72,856.35
04/01/2021	AP INV	SWITCH FOR FLAT BED	9.91 72,866.26
04/01/2021	AP INV	OIL/FILTER PM FOR PICK UPS	73.43 72,939.69
04/02/2021	AP INV	PW-27 SERVICE CALL - TIRE REPLACEMENT	731.58 73,671.27
04/02/2021	AP INV	PW-26 SERVICE CALL - TIRE REPLACEMENT -	604.27 74,275.54
04/07/2021	AP INV	BLOWER RESISTOR FORD F 150	54.47 74,330.01
04/13/2021	AP INV	PW-16 2016 MACK - REMOVE & REPLACED BROK	127.85 74,457.86
04/13/2021	AP INV	PW-21 REPAIRS TO TARP / ARM REPLACEMENT	446.26 74,904.12
04/16/2021	AP INV	PW-24 "PREMIUM-XTREME 925 CCA ST" BATTER	325.35 75,229.47
04/16/2021	AP INV	PW-2 - 2006 MACK - SERVICE CALL - TIRE R	711.33 75,940.80
04/16/2021	AP INV	PW-27 2019 MACK - SERVICE CALL - (2) TIR	1,155.56 77,096.36
04/16/2021	AP INV	IT14G 250 HR SERVICE MAINT. INSPECTION,	735.82 77,832.18
04/20/2021	AP INV	CREDIT FOR CORE CHARGE -(3) BATTERIES	-87.21 77,744.97
04/23/2021	AP INV	PW-16 2016 MACK - PM SERVICE & LIGHTING	1,037.12 78,782.09
04/27/2021	AP INV	MIRRORS FOR THE FLAT BED	56.12 78,838.21
04/30/2021	10-4620.5017	END BALANCE	6,069.07 78,838.21

REMAINING BALANCE

11,161.79

Action Items

PUBLIC WORKS APRIL 2021

Assistant director of Storm water and Facilities

Drainage

- Charleston county 25th Ave drainage repair scheduled week of May 3rd
- Charleston county stormwater review plans for new home construction.
- Drainage plan and RFB for 34th and Hartnett.
- Continuation of small internal drainage projects.
- Eadies services comprehensive cleaning of Forest Trail drainage culverts.
- Eadies services cleaning of 23rd Ave ditch.
- Eadies cleaning of 210 Forest Trail drainage inlet and pipe.

Facilities

- Continuation of painting front beach white fence by public works.
- Repair of broken irrigation main wires at Front beach.
- Estimate and scheduling city hall generator PM service.
- A/C replacement at city hall.
- Estimate for electrical connection for generator at the Recreation center.
- Estimates for city hall office painting and doors.
- Roof caulking repair Fire station 2
- Rodent remediation PSB.
- Annual backflow testing all city buildings.

Front beach

- Clean up of parking lot / Front beach Ocean Blvd. trash and debris by public works.
- Ordering of supplies and managing cleaning crews for restrooms.
- Installation of ROC at the Carmen R Bunch golf cart path.
- Painting of city owned street parking signs between 10th and 14th Ocean Blvd.
- Installation of street sign at Ocean and JC Long.
- Installation of tree surround at front beach palms for landscape bid.
- Repair of irrigation pump for the parking lot by Public works.

Landscaping / Rights of way / Connector / Parks

- Clean up of debris on the connector by public works and sweeping contractor.
- Start of Pleasant places ROW maintenance for SCDOT parking plan on Palm Blvd.
- Removal, releveling and replacement of Mobi mat at 42nd Ave.
- SCDOT repair of sink hole on 41st.
- SCDOT ROW repair city wide.
- Inventory of all city street signs.

Compactor / Dumpster

- Cleaned compactor pad and recycling area.
- Removal of bulk items left by the PSB compactor.
- Pressure washing of city trash compactor by public works.

Certifications, training and meetings

- Monthly UST testing of marina, public works and public safety building.

Environmental Advisory Committee Proposal

Prepared by Councilmember Smith

- Our council has previously discussed creating as a way to add focus to environmental issues and provide more opportunities for citizen engagement.
- There are many examples of environmental advisory councils, committees and commissions advising local governments across the country. The state of PA has 140 municipal environmental advisory councils operating as of 2020. I looked more closely at PA guidelines and the Town of Cary, NC, in coming up with a potential framework.
- This makes a great deal of sense for a community like Isle of Palms, given the rich natural setting surrounding us and our responsibilities for protecting it.
- Public Works has a variety of high-profile issues to consider – drainage, sewer expansion, undergrounding powerlines in addition to normal operations– that makes it difficult to fully address environmental issues, which can involve other areas beyond Public Work’s traditional scope.

Suggested Mission: To advise City Council on matters of environmental impact, protections, conservation and sustainability by exploring innovations, best practices & data around changes.

Environmental Advisory Committee may address matters as requested by City Council and its committees, and on its own accord take up issues and initiatives that fit within its mission, with regular reporting to the council.

Goals to include:

- Protecting the environment, endangered species and natural resources.
- Reducing litter and pollution.
- Energy conservation.
- Environmental messaging and branding to promote best practices.
- Supporting Isle of Palms as a strong environmental leader in SC and model for other coastal communities.
- Developing and supporting partnerships with related community groups.

6 meetings a year – every other month

Membership

- 7 members
- 3-year terms, staggered
- Selected by Personnel Committee - typically at the same time other citizen committee appointments are made at the end of the year. In this inaugural year, the application process and selections would ideally be completed by May or June.
- Consider including a member of Public Works Committee as a liaison non-voting member.
- Process would encourage applicants with related expertise and engagement - professional or volunteer.

CITY OF ISLE OF PALMS


South Carolina



DEPARTMENT OF BUILDING, PLANNING AND LICENSING

MEMORANDUM

TO: Desirée Fragoso, City Administrator

FROM: Douglas Kerr, Director of Building and Planning 

C: Donnie Pitts, Director of Public Works
Robert Asero, Assistant Director of Public Works

RE: Hartnett Boulevard and 34th Avenue drainage project

DATE: April 30, 2021

The intersection of 34th Avenue and Hartnett Boulevard has low sections that are not immediately adjacent to a drainage system. The area collects water in the roadway and surrounding neighbors have complained about the conditions after rain events (see attached photos). The staff analyzed several alternatives and determined that the most cost-effective solution would be to add a roadside swale and pipe system at the intersection that will ultimately lead collected stormwater to the existing drainage system that runs behind the houses on Hartnett Boulevard (see attached sketch).

In accordance with the procurement code, the City issued an RFB and received five bids ranging from \$18,850 and \$34,7000 (see attached bid tabulation). The lowest bidder, Truluck Construction Inc., has extensive work experience, including the recent bike path work at the bottom of the Isle of Palms Connector. The City staff has subsequently discussed the project with Truluck staff and both parties are confident they can successfully accomplish the work as bid. Therefore, staff recommends that the City enter into an agreement with Truluck Construction, Inc. for an amount of \$18,850 to complete the drainage work at the intersection of 34th Avenue and Hartnett Boulevard.

Douglas Kerr

From: Justin Rayman <justin.rayman@gmail.com>
Sent: Monday, February 15, 2021 4:33 PM
To: Robert Asero; Douglas Kerr
Subject: [EXTERNAL] Re: 34th Ave + Hartnett Blvd

[EXTERNAL]

Good Afternoon Robert and Douglas -

I wanted to follow up to see if there has been any progress in formulating a solution for the standing water issue at the intersection of 34th Ave. and Hartnett Blvd. I've spent most of my day off today manually pumping water from the street into a storm drain which I assume was designed to collect this water in the first place. The sections of both 34th. Ave and Hartnett Blvd. that line my property (3401 Hartnett Blvd) collect anywhere from 2-5 inches of standing water after a moderate rain, as you are aware.

No longer than an hour since I cleared the standing water from 34th Ave. and Hartnett Blvd. with the help of a neighbor, the streets are now filled again with water - which is being pumped into the street from an uphill neighbor. I realize there is limited recourse the City can take to abate the issue of a neighbor pumping into right-of-ways, but I wanted to illustrate some of the challenges I am facing with handling this issue my myself.

I wanted to state that I understand that the Island has a lot of issues with standing water. I understand that the Island faces unique challenges mitigating standing water, with only a few options at its disposal. I also understand the City has to operate efficiently with a limited budget - I truly get it. I am personally doing as much as I can to help this issue, but it is not enough. I wanted to highlight why this particular intersection should be prioritized and why this water is especially hazardous.

1) There are two separate school bus stops at this intersection. When un-pumped, children are forced to wade through this standing water to get to the bus. The Sullivan's Island bus picks students up at 6:42 every morning, and children are forced to walk through standing water to get to the bus. Moultrie's bus comes at 7:26AM, and those children face the same issue. Coming home, they are forced to navigate traffic and a safe route home with no sidewalks and the street flooded. If I am unable to personally pump 34th Ave, those children who live on Forest Trail are forced to walk against traffic on a road that is now reduced to one lane while standing water consumes half of the road. As you are well aware, 34th Ave is a primary entrance and exit for the residents on Forest Trail, making it busy and especially dangerous for these children. I am unsure if those parents have raised concerns, but please allow my voice speak for them as a parent who will be placing two children on the bus in the coming years.

2) The intersection of 34th and Hartnett is extremely well-travelled. You already know 34h Ave. is is a primary route for many homeowners who live on Forest Trail - both pedestrians and vehicles alike. I cannot compare the traffic to that of Palm Blvd, Waterway Blvd, or 41st Ave, but I would argue it more travelled than most Island cross-streets given the importance of the route to neighbors on Forest Trail. Driving through a few inches of standing water is not in itself problematic. But when you consider the volume of vehicular and pedestrian traffic that moves through this section of roadway and combine it with the speed at which the vehicles travel from Palm Blvd downhill on 34th Ave, and add the water issue - it is easy to envision how this could be problematic, if not dangerous.

3) Water does not sit for a day, it sits until it is pumped. I have seen many parts of the Island where flooding is an issue. I walk my 16 month old son down Hartnett Blvd to 41st Ave, then walk home via Forest Trail 2x a day. I know there are

sections of Forest Trail that flood badly, however, the flooding there typically abates after a couple of days. I have witnessed water sit stagnantly around my property for five days or even longer - which prompted me to purchase a pump. This is not simply an inconvenience for me and my family, it is unsanitary and poses a risk for water-borne disease as well as a breeding zone for mosquitos.

I wanted to point out I have been personally thanked by neighbors for clearing the standing water from this right of way, and I am truly happy I can help my neighbors. What I hoped was a temporary inconvenience for 'doing the right thing' is now starting to sour, and I am hoping the City can help with this issue. Despite my personal issues with the water, I want to reiterate how many residents this truly affects. This isn't a baseless gripe over rain puddles and wet feet - this is an exceptional hazard at a busy stretch of road where standing water poses a threat to Island residents - children, pedestrians and vehicles alike.

I am open to all solutions and am willing to assist in any way I can to address this issue. I would welcome you to come visit me and I could show you these hazards first-hand. I am looking forward to hearing from you soon.

Regards,

Justin Rayman
410-382-4981

On Sep 18, 2020, at 1:10 PM, Justin Rayman <justin.rayman@gmail.com> wrote:

Hi Robert -

My neighbor, Scott Tucker who lives across Hartnett Blvd. on 34th Ave passed me your information. I wanted to personally thank you for coming out to assess the standing water situation at the intersection of 34th Ave. and Hartnett Blvd.

As you know, Hartnett Blvd. between Scott's home and my home floods on a light-to-moderate rain, which is exacerbated by our uphill neighbors who pump water to the street. Water collects at this intersection and often sits for 4-7 days at a time if not pumped. This has become a personal issue for my family as we cannot easily leave our residence without passing through shin-high standing water (we live at 3401 Hartnett Blvd).

Please keep me updated on any progress, and let me know if there is anything we can do to aid the City in their efforts to remedy this drainage issue. Scott and I are willing to help in any way we can.

Have a great weekend and I look forward to speaking with you in the future.

Justin Rayman
410-382-4981
Justin.rayman@gmail.com

From: [Scott Tucker](#)
To: [Douglas Kerr](#)
Cc: [Robert Asero](#); [Donnie Pitts](#)
Subject: RE: [EXTERNAL] RE: Hartnett Blvd pumping
Date: Friday, February 19, 2021 2:26:53 PM

[EXTERNAL]

Mr. Kerr,

As water travels down 34th avenue coming downhill from Cameron and toward Hartnett (whether pumped by a homeowner and/or from any amount of rain that occurs), it travels along the right side of 34th (the front of my house) since the road is paved lower on my side of 34th and therefore the water is forced in that direction. Once it comes to the intersection at Hartnett the water splits, much of it makes a right turn on Hartnett and the other branch continues traveling down 34th along the right side of the road to the side of the Rayman residence on 34th. Depending on how much water is coming (from rain and being pumped by neighbors) will have different impact on those areas, however, the right turn on Hartnett occurs because the street at that turn is at a lower elevation than 34th. As Mr. Asero has previously suggested, it is basically a “bowl” there on that side of Hartnett.

Next, the one branch that travels down Hartnett adjacent to the side of my house and front of the Rayman residence initially sits mostly on my side of the road because Hartnett is also paved in lower in that direction toward my house. Once the water on my side of Hartnett becomes deep enough, it begins to cover the entire road encroaching on the Rayman residence also. Here it will sit for days even after the rain subsides because Hartnett is lower on this side of 34th and we still have to contend with a neighbor(s) steadily pumping water from their properties which, as I have provided in a video, can happen even more than 24 hours after rain has ceased. The resultant body of water slowly dissipates as a result of vehicles kicking it up on our properties (I have a video of this if you want to see this as well), rain stopping, the sun coming out and eventually water being fully pumped from the neighbors so that there is no more to discharge from their properties.

The second branch of water that continues down 34th to the side of the Rayman home, typically sits on the street and their lawn. The Rayman’s are having work done at the moment which you are aware. The effect that this is having related to stormwater and pumping on the street from neighbors and the lawn area by the Rayman home and the solutions for rectifying that particular area on 34th is not something I can offer information on - but am certain Justin can do so.

I have been observing this drainage problem and absence of any mitigation efforts at this intersection for four years and passed along my concern to the city years ago. One thing has changed in 2020 and made this drainage situation even worse than it already was increasing both volume and duration as to how long the property and roadway is wet – this has been the introduction of pumping done by various neighbors. It wasn’t until 2020 that I suddenly noticed well after rain had stopped, a steady stream of water continuing past my home coming from the Brown

residence where it began and continuing to stream to the areas in question hours even days later. This had never occurred before. I made Mr. Brown and the City aware of it at that time. One can clearly see this play out after rain stops and the road begins to dry since the rain no longer obfuscates the level of impact the pumping contributes to the overall volume on the affected areas with the stream then being clearly visible and starting from the Brown home. This does not even factor in how it contributes when rain is occurring - but from four years of experience observing this, I can tell you that it is significant.

Sincerely,
Scott Tucker

From: Douglas Kerr <dkerr@iop.net>
Sent: Friday, February 19, 2021 9:35 AM
To: Scott Tucker <stucker@go-planet.com>; Justin Rayman <justin.rayman@gmail.com>
Cc: Robert Asero <rasero@iop.net>; Donnie Pitts <dpitts@iop.net>
Subject: RE: [EXTERNAL] RE: Hartnett Blvd pumping

Mr. Tucker and Mr. Rayman- Robert and I went by and documented the standing water this morning. It looks like once the puddles gets deep/big enough that their edges connect with either the drain box adjacent to Mr. Rayman's or the inlet several doors down Hartnett. Is that correct? Once it reaches this size and depth, I would imagine the water starts going into those inlets and the puddles do not get significantly bigger, except maybe during a sudden burst, is that correct?

Please look at the attached photos and let us know if you think it will accumulate much more than this. If you think it will accumulate more than this, if you could take photos from similar vantage points at the peak of the accumulation, that will be helpful. Or you can let us know when it happens and if we are available we can come down and take photos.

Additionally, we will be trying to gauge what the conditions look like 48 hours after a storm, with no intervention.

The only somewhat cost effective improvement we have identified so far is a shallow ditch down the edge of 34th Avenue to take the water shown in photo 7574 into the adjacent drainage box. This should help that puddle dissipate, but it will not help the puddle in the foreground of photo 1400. In all directions there are water and sewer lines that are very expensive to deal with. We will continue to collect information and look at alternatives to understand the costs and benefits.

Thanks, Douglas

Douglas Kerr
Director of Building, Planning and Licensing
City of Isle of Palms

P.O. Drawer 508
Isle of Palms, SC 29451
(p) 843-886-9912
(f) 843-886-8005

*** WARNING *** All e-mail correspondence to and from this address may be subject to public disclosure under the South Carolina Freedom of Information Act (FOIA).

From: Scott Tucker <stucker@go-planet.com>
Sent: Thursday, February 18, 2021 3:39 PM
To: Douglas Kerr <dkerr@iop.net>
Cc: Robert Asero <rasero@iop.net>; Donnie Pitts <dpitts@iop.net>; Justin Rayman <justin.rayman@gmail.com>
Subject: RE: [EXTERNAL] RE: Hartnett Blvd pumping

[EXTERNAL]

Thank you for the note. I have copied Justin Rayman (neighbor) who pumped the water with me and am making him aware of the request. I am confident that the photos you shared did not represent the situation accurately after the storm. Justin and I had pumped the area shortly after the storm and were able to remove most if not all of the water. When you specified the date you took the photos, I was able to confirm that those were taken after we pumped the street.

I am confident that Justin and I can both refrain from doing anything over the next couple days. I believe that Mr. Brown has temporarily turned off all the pumps at his home so during your review, please note the situation has temporarily changed at this time. Justin and I both alluded to Mr. Brown that after we had pumped the water away from the street after the storm - only a couple hours later we witnessed an increase of water once again by mine and Justin's home. This was not as high as the previous level after the rain stopped but definitely an increase. The only water that was moving in that direction at all during that time was coming from Mr. Brown's property. Leaving us to conclude that a great deal of the volume that is now resting at our homes after any rain, contains a measurable increase due to the pumping coming from his property and potentially from others as well. As we talked with Mr. Brown, he saw this occurring as well.

Sincerely,
Scott

From: Douglas Kerr <dkerr@iop.net>
Sent: Thursday, February 18, 2021 12:11 PM
To: Scott Tucker <stucker@go-planet.com>
Cc: Robert Asero <rasero@iop.net>; Donnie Pitts <dpitts@iop.net>
Subject: RE: [EXTERNAL] RE: Hartnett Blvd pumping

Mr. Tucker- The staff wants to be able to document the extent of the problem in that intersection. Are you thinking that the pumping you and your neighbor did eliminated the problem and that is why the photos are inaccurate? If so, could you not pump these next two days, so we can document what is happening without intervention? Not sure if we will get enough rain to accumulate much, but it will be helpful to watch.

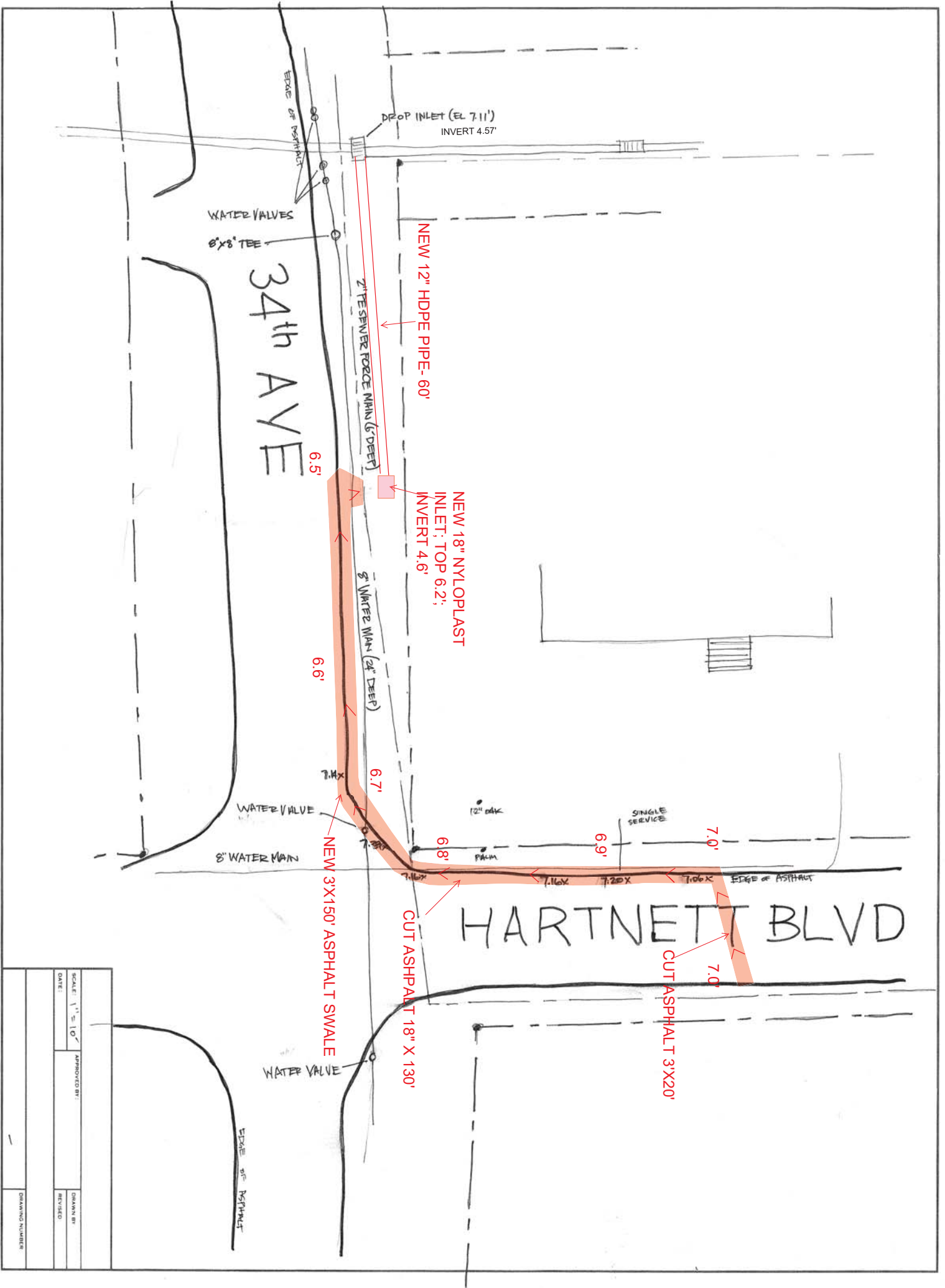
Thanks, Douglas

Douglas Kerr
Director of Building, Planning and Licensing
City of Isle of Palms
P.O. Drawer 508
Isle of Palms, SC 29451
(p) 843-886-9912
(f) 843-886-8005









SCALE: 1" = 10'		APPROVED BY:		DRAWN BY:	
DATE:		REVISED:		DRAWING NUMBER:	

**,OFFICIAL SEALED BID OPENING
RFB 2021-02 34th and Hartnett Drainage Project
10:30 a.m., April 23, 2021
Council Chambers in City Hall
1207 Palm Boulevard, Isle of Palms, South Carolina**

Present: Assistant City Administrator Hanna, Building and Planning Director Kerr

Assistant Administrator Hanna announced the sealed bid opening of the RFB 2021-02 34th and Hartnett Drainage Project. Assistant Administrator Hanna stated the Request for Bids (RFB) was advertised in accordance with the City's Procurement Code.

Bids:

1. Landscape Pavers LLC - \$28,658.00
2. Eadie's Construction – \$33,000.00
3. Truluck Construction Inc. – \$18,850.00
4. Green Wave Contracting Inc. - \$36,455.00
5. IPW Construction Group LLC - \$34,700.00

Assistant Administrator Hanna stated the proposals will be evaluated for accuracy and compliance with the specification as defined in the RFB. Assistant Administrator Hanna stated a contract will be executed in accordance with the instructions included in the RFB.

BID FORM

BID OF: Truluck Construction, Inc.
(Contractor)

BID TO: The City of Isle of Palms
(Owner)

PROJECT NAME: Harnett Boulevard and 34th Avenue Drainage Project

PROJECT NUMBER: RFB 2021.02

BID DATE: April 23, 2021

BASE BID AGREEMENT

The undersigned, having examined all the Bidding Documents, including all Addendum(a) as follows:

N/A

shall execute the entire Work in the Bidding Documents described as the Base Bid for the lump sum of:

eighteen thousand eight hundred fifty
Dollars

(\$ 18,850) which sum is hereafter called the **BASE BID**.

Truluck Construction, Inc.
PO Box 32219
Charleston, SC 29417
(843)766-5571
truluckconstruction@gmail.com

Examples of Experience with Similar Projects

Mossy Oaks Basins 1 & 2 West Drainage Project

- Owner: City of Beaufort
- Location: Spanish Moss Trail, Beaufort, SC
- Project Description: The work of this contract consisted of removing undersized existing culverts and replacing with larger pipes of the right size and right elevation. The ditches that carry the water to the culverts were cleaned to the right size and elevation, as well. A section of Battery Creek Road was raised to provide enough cover for the larger pipe crossings. To provide protection from high tides and storm surges, flap gates were installed on the downside of the pipes underneath the Spanish Moss Trail, which created a natural detention area between the trail and Battery Creek Rd. A sheet pile wall was installed within the old railroad bed to provide for added strength and reinforcement. The pipes installed during this project ranged between 15" to 60". Milling and paving of the neighborhood roads completed this project.
- Original Contract Amount: \$4,579,598.02
- Final Contract Total: \$4,958,755.10
- The actual cost was greater than the original contract amount due to unforeseen geotechnical issues on the Spanish Moss Trail. We were forced to make significant adjustments in the installation depth of the sheet pile wall, resulting in an increase in the sheet pile wall pricing.
- Project Reference: Neal Pugliese, Chairman of the Mossy Oaks Multijurisdictional Drainage Task Force; npugliese@cityofbeaufort.org; 714-357-0811

Beaufort Pipe Lining

- Owner: SCDOT
- Location: Hwy 17 at Huspa Creek, Beaufort County
- Project Description: Dewater and line 250' of 84" pipe under Hwy 17
- Original Contract Amount: \$482,369.00
- Final Contract Total: \$740,119.00
- The final cost was greater than the original contract amount due to changes in the scope of work that were requested by the owner.
- Project Reference: Ray Molinaroli, SCDOT District 6 Asst. District Maintenance Engineer; molinarolirl@scdot.org; 843-746-6713

Grimball Road Drainage Improvements

- Owner: Charleston County
- Location: Grimball Rd.
- Project Description: Phase 1 – Construction of approx. 66 LF of 24” RCP stormwater pipe, 1 stormwater junction box and associated appurtenances to tie into an existing junction box. Phase 2 – Replacing existing culverts (24” RCP and 36” CMP) with a triple run of 48” RCP approx. 56 LF in length under Grimball Rd. Construct 2 stormwater catch basins, approx. 62 LF of 36” RCP, 15 LF of 24” RCP, and 300 LF of guardrail. Replace 6” DIP sewer force main and 6” water line within the Grimball Rd. R/W. Phase 3 – Replacing an existing culvert (36” RCP) with a triple run of 48” RCP approx. 56 LF in length under South Grimball Rd.
- Original Contract Amount: \$403,228.00
- Final Contract Total: \$403,228.00
- Project Reference: Buck Dukes, Construction Manager, Charleston County Public Works, hdukes@charlestoncounty.org; 843-202-7846



AIA Document A310™ – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Truluck Construction, Inc.
1012-A St. Andrews Boulevard
Charleston, SC 29407

SURETY:

(Name, legal status and principal place of business)

Merchants Bonding Company (Mutual)
P.O. Box 14498
Des Moines, IA 50306-3498

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address)

City of Isle of Palms
1207 Palm Boulevard
Isle of Palms, SC 29451

BOND AMOUNT: 5% of the attached bid***

PROJECT:

(Name, location or address, and Project number, if any)

34th and Hartnett Drainage Project

Project Number, if any:

2021.02

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 23rd day of April, 2021

Lamar Beckner

(Witness)

Edith P. Forsberg

(Witness) Edith P. Forsberg

Truluck Construction, Inc.

(Principal)

Raymond E. Cobb, Jr.

(Title)

Merchants Bonding Company (Mutual)

(Surety)

(Title) Raymond E. Cobb, Jr., Attorney-in-Fact



Int.

MERCHANTS
BONDING COMPANY
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations of the State of Iowa (herein collectively called the "Companies") do hereby make, constitute and appoint, individually,

C Wayne McCartha; M Kathryn McCartha-Powers; Raymond E Cobb Jr

their true and lawful Attorney(s)-in-Fact, to sign its name as surety(ies) and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and amended August 14, 2015 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 16, 2015.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

"The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 11th day of February, 2020.



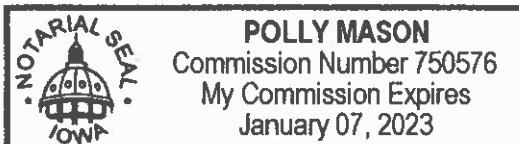
MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

By

Larry Taylor
President

STATE OF IOWA
COUNTY OF DALLAS ss.

On this 11th day of February, 2020, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.



Polly Mason

Notary Public

(Expiration of notary's commission
does not invalidate this instrument)

I, William Warner, Jr., Secretary of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 23rd day of April, 2021.



William Warner Jr.

Secretary