

January 11, 2024

Meeting Agenda and Notice

Coastal Advisory Committee (CAC)

Thursday, January 11, 2024– 1:00 p.m.

Collier County Board Chambers

Collier County Government Center

3299 Tamiami Trail East, Third Floor, Naples, FL

Sunshine Law on Agenda Questions

2024 CAC MEETING DATES

I. Call to Order

II. Pledge of Allegiance

III. Roll Call

IV. Changes and Approval of Agenda

V. Public Comments

VI. Approval of CAC Minutes

November 09, 2023

VII. Staff Reports

Extended Revenue Report

VIII. New Business

1. ES- Aptim Environmental & Infrastructure, Inc. - 2025-2026 Local Government Funding Request (LGFR) Work Order

- Work Order

IX. Old Business

X. Announcements

XI. Committee Member Discussion

XII. Next Meeting Date/Location

February 8, 2024, at 1:00 p.m.

XIII. Adjournment

All interested parties are invited to attend, and to register to speak and to submit their objections, if any, in writing, to the board prior to the meeting if applicable.

For more information, please contact Andrew Miller at (239) 252-2922.

If you are a person with a disability who needs any accommodation in order to participate in this proceeding, you are entitled, at no cost to you, to the provision of certain assistance. Please contact the Collier County Facilities Management Department located at 3301 East Tamiami Trail, Naples, FL 34112, (239) 252-8380.

Public comments will be limited to 3 minutes unless the Chairman grants permission for additional time.

Collier County Ordinance No. 99-22 requires that all lobbyists shall, before engaging in any lobbying activities (including, but not limited to, addressing the Board of County Commissioners) before the Board of County Commissioners and its advisory boards, register with the Clerk to the Board at the Board Minutes and Records Department.

MINUTES OF THE COLLIER COUNTY
COASTAL ADVISORY COMMITTEE MEETING

Naples, Florida, November 9, 2023

LET IT BE REMEMBERED, the Collier County Coastal Advisory Committee, in and for the County of Collier, having conducted business herein, met on this date at 1 P.M. in REGULAR SESSION at Administrative Building F, 3rd Floor, Collier County Government Complex, Naples, Florida, with the following members present:

CHAIRMAN:	Joseph Burke
VICE CHAIRMAN:	David Trecker
	Councilor Erik Brechnitz
	Jim Burke
	Councilman Raymond Christman (excused)
	Dr. Judith Hushon
	Steve Koziar
	Robert Raymond
	Robert Roth

ALSO PRESENT:

Andy Miller, Director, Coastal Zone Management
Colleen Greene, Assistant County Attorney

Anyone in need of a verbatim record of the meeting may request a copy of the video from the Communications, Government & Public Affairs Division or view it online.

I. Call to Order

Chairman Burke called the meeting to order at 1 p.m.

II. Pledge of Allegiance

The Pledge of Allegiance was recited.

III. Roll Call

Roll call was taken and a quorum of eight was established in the board room.

Vice Chair Trecker said several of the members must leave by 3 today.

[He, Mr. Burke and Mr. Roth]

Councilor Brechnitz said he, Mr. Burke and Mr. Raymond have agreed to make this a one-hour meeting.

Chairman Burke said he's fine with that.

IV. Changes and Approval of Agenda

Mr. Brechnitz moved to approve the agenda. Second by Mr. Raymond. The motion passed unanimously, 8-0.

V. Public Comments

(None)

VI. Approval of CAC Minutes

Sept. 14, 2023

Co-Chairman Trecker said that on p. 9, when it said Mr. Moore detailed the Pelican Bay area, it should say Park Shore area. On p. 17, under XI, the third bullet should say "Since nutrient pollution boosts the growth of blue-green algae, it would be ..."

Mr. Roth said he didn't want anyone to forget the Action Item on p. 7. Chris Mason was going to ask the Army Corps of Engineers on the Zoom call to detail why certain areas were excluded, such as the Coastal Barrier Resource Area (CBRA), for technical or cost reasons and to bring that information back to the CAC. Things pertain to Marco Island on this Coastal Barrier Resource Area. Our charette group came up with using some kind of a breakwater at Caxambas to divert or redirect energies from a surge. That got dropped from the study. He wants to get the reasoning why. This committee was expecting to hear back on that.

A discussion ensued and the following points were made:

- Work in that region can be done, but not as an Army Corps option, just local.
- The county will end up paying for this work.
- It's analogous to what Hideaway Beach Tax District did, but they were financially able.
- Spending federal dollars in the CBRA is against the statute:
 - <https://sgp.fas.org/crs/misc/IF10859.pdf>

- <https://bit.ly/CBRAProhibitions>
- A lot of that is related to the flood-insurance studies and if you're building houses and structures, such as on Keewaydin Island, and they're not going to insure those anymore with federal funds.
- We're talking about conducting an engineering conceptual study to evaluate nature-based solutions, such as mangroves, sand barriers or rocks created in this zone.
- Why did they drop it at the south end of the island to do something very similar that we came up with at our charrette, create a barrier island out there?
- Marco Island is being ignored in this study. Did Mr. Mason get an answer why? Mr. Miller said he'd ask.
- If anyone is interested in that project, there's a public forum Zoom call on the fourth Wednesday of the month. You can pose questions to the Army Corps.

Chairman Burke suggested they continue this discussion at the end of the meeting.

Action Item: Mr. Miller will ask Chris Mason if he can ask the Army Corps of Engineers on the Zoom call to detail why certain areas were excluded, such as for CBRA, technical or cost reasons, and to bring that information back to the CAC.

Chairman Burke said on p. 6 of last month's minutes, the fourth bullet from the bottom should be removed.

Dr. Hushon noted that the percentages are flipped.

Chairman Burke said they can delete that bullet because that information already was bulleted above. He went through the Action Items and found Mr. Miller has provided the CAC with the Hard-Bottom Monitoring Report, the Humiston & Moore 2023 Annual Monitoring Report, the Humiston & Moore 2023 Wiggins Pass Construction Monitoring report and the Humiston & Moore Doctor's Pass Monitoring Report. Those are the four he received since the last meeting. If anyone didn't get them, it's because they're large files and the email account is blocking them.

[Vice Chair Trecker said he received none, while others said they received the Hard-Bottom Monitoring Report.]

Chairman Burke asked if they could be resent.

Mr. Miller said he'd find another avenue to send them because they're large files.

Chairman Burke said the CAC didn't get the PowerPoint presentation by the county and Chris Mason.

Mr. Miller said he's certain he'd sent it but will check his email.

Mr. Brechnitz moved approve the September 14, 2023, meeting minutes, as amended. Second by Vice Chair Trecker. The motion passed unanimously, 8-0.

VII. Staff Reports

Extended Revenue Report

"[FY23 TDT Collections Revenue Report](#)" dated Sept. 30, 2023.

Mr. Miller detailed a PowerPoint presentation and told the CAC:

- The important part is we collected 34.5% over our original budget, so that's been steady throughout most of the year.

- The projections in the curve are on the down slide because we're just about in off-peak season, but we're still slightly above what we did last year for the last couple of months.
- We're getting ready to head back up in the coming months.

A discussion ensued and the following points were made:

- The prospects seem positive based on the past few months and since the pandemic, so we hope the trend continues.
- If the traffic on Marco Island is any indication, there are many more people than there used to be here at this time.
- The Paradise Coast Sports Complex falls under the last line, TDC Capital.
- We loaned the sports complex \$10 million. What are the terms and maturity date? Mr. Miller said he'd ask someone in the OMB (Office of Management and Budget.)
- Do we have percentages for each category? Mr. Miller said it's been amended many times, but he can get that information.
- We have \$10.7 million in revenue over budgeted amounts. How much is that over actual dollars spent? Mr. Miller said he can't say what we spent, but the \$10 million is the entire program for TDC dollars. He knows roughly what was spent on beaches, but doesn't have other numbers.

Action Item: Mr. Miller will ask someone in OMB what the terms of the \$10 million loan to the Paradise Coast Sports Complex were, as well as the maturity date and ending percentages.

Action Item: Mr. Miller will ask someone in OMB the breakdown in percentages of TDC money spent in all areas, including beaches.

VIII. New Business

1. [ES - Taylor Engineering, Inc. - Change Order No.1 - PO 4500224963](#)
Recommendation to approve Change Order No. 1 to Contract No. 18-7432-CZ with Taylor Engineering Inc. for the construction-phase and final certification for the "Collier County Dune Restoration Planting Project" and make a finding that this item promotes tourism.

Mr. Miller told the CAC:

- We had the emergency berm construction project and intended to follow it up with plantings on the beach before or during the next wet season.
- When we initially brought the consultant on to do the design plans and bid documents for the plantings, we didn't know the scope and size of the project relative to how many plants, how long it was going to take, how many growers we were going to be dealing with.
- We intentionally left "post-design services" open. They're basically construction services. The engineer comes over and monitors what's going in, including plantings and the quality, etc.
- We asked the consultant to hold off on providing a price at the beginning and to wait until closer to final design. He's now close to the final design and he provided a request for a change order to add those services.
- (He outlined the recommendation.) The change order is for \$57,007.

Mr. Burke moved to recommend approval of Change Order No. 1 to Contract No. 18-7432-CZ with Taylor Engineering Inc. for the construction-phase and final certification for the “Collier County Dune Restoration Planting Project” and found that this item promotes tourism. Second by Mr. Raymond. The motion passed unanimously, 8-0.

2. [ES - Humiston & Moore Engineers - 2024 Annual Monitoring Work Order](#)
Recommendation to approve a work order with Humiston & Moore Engineers to provide professional engineering services for state-required Annual Monitoring of Collier County Beaches and Inlets for 2024 under Contract No. 18-7432-CZ for time and material not to exceed \$157,840 and make a finding that this item promotes tourism (Fund 1105, Project No. 90536).

Mr. Miller told the CAC:

- Brett Moore gave a presentation at the last meeting and described what they do for this work order, the annual survey of beaches, which is called monitoring.
- It’s permit-required and we must do it to get reimbursement.
- They’re going to resurvey the beaches around January 1 and compare them with the most recent surveys, as well as last year’s post-storm and post-construction berm profiles and provide that to the FDEP.
- The recommendation is to approve a work order. [He read the recommendation.]

Vice Chair Trecker asked how the cost compares to last year.

Mr. Miller said it’s almost identical. Humiston & Moore used APTIM’s survey information, so if we go back two years, it’s virtually the same. Humiston & Moore came in a lot lower last year because they were able to use APTIM’s recent survey related to the berm construction, so we didn’t want to duplicate efforts and saved a bit of money on the back end.

Mr. Burke moved to recommend approval of a work order with Humiston & Moore Engineers to provide professional engineering services for state-required Annual Monitoring of Collier County Beaches and Inlets for 2024 under Contract No. 18-7432-CZ for time and material not to exceed \$157,840, and found that this item promotes tourism. Second by Mr. Raymond. The motion passed unanimously, 8-0.

3. [ES - Deere & Company - Purchase of Replacement John Deere Tractor](#)
Recommendation to approve the purchase of a John Deere 6135E Cab Tractor from Deere & Company utilizing Cooperative Procurement Piggyback 222 “110719 - JDC Agricultural Tractors & Equipment,” using Tourist Development Tax Fund 1105 in the amount of \$102,422.49 and make a finding that this expenditure promotes tourism.

Mr. Miller told the CAC:

- The next two items are for Coastal Zone Management beach-cleaning equipment.
- We have a tractor and a Barber Surf Rake on Marco Island. We have one there and we have one on Vanderbilt and we rake and drive these on a daily basis, Monday through Friday.
- They’re in a saltwater environment and they’re made of metal and steel, etc., so

they have a tendency to break down and get rusty.

- They also have to go in for regular maintenance, so if we have to take one in for maintenance, we might have to haul one to another beach.
- Staff suggested that the ideal situation would be to have a third tractor and a third Barber Surf Rake so that when one breaks down or is in maintenance, we don't miss raking the beach.
- These are both like equipment for redundancy.
- [He read the recommendation.]

Chairman Burke asked if it was the tractor or rake that had a price increase. He noted that it's unusual to have a price increase on November 1. The companies he deals with do price increases on January 1.

Mr. Miller agreed it was unusual.

Mr. Brechnitz asked if it's mostly the tractor or rake that breaks down.

Mr. Miller said mainly the tractor because it gets a lot more miles and hours of use.

Mr. Brechnitz said we have a Barber Rake on Hideaway Beach and it's never broken down.

Mr. Miller said another reason the purchase is important is that it's a unique piece of equipment that you can't take to anyone to get fixed or get parts. You must go to the manufacturer.

Mr. Raymond moved to recommend approving the purchase of a John Deere 6135E Cab Tractor from Deere & Company utilizing Cooperative Procurement Piggyback 222 "110719 - JDC Agricultural Tractors & Equipment," using Tourist Development Tax Fund 1105 in the amount of \$102,422.49 and found that this item promotes tourism. Second by Mr. Burke. The motion passed unanimously, 8-0.

4. [ES - H. Barber & Sons, Inc. - Purchase of Additional Barber Surf Rake](#)

Recommendation to approve the purchase of a Barber Surf Rake from H. Barber & Sons Inc. utilizing Cooperative Procurement Piggyback 341 "Refuse Handling Equipment – RH08-20," using Tourist Development Tax Fund 1105 in the amount of \$70,914.00, and make a finding that this expenditure promotes tourism.

Mr. Miller read the recommendation.

Vice Chair Trecker said this is listed as a backup rake.

Mr. Miller said that's correct. The idea is to have a piece of equipment ready for when one at Vanderbilt or Marco goes in for service. The turn-around time is not ideal, and we can't wait weeks to get a piece of equipment back up and running. The beaches will be a mess.

[He showed slides of the tractor and Barber Rake.]

Mr. Brechnitz said there's no point approving the tractor without approving the Barber Rake, right?

Mr. Miller said he agrees.

Mr. Brechnitz moved to recommend approving the purchase of a Barber Surf Rake from H. Barber & Sons Inc. utilizing Cooperative Procurement Piggyback 341

“Refuse Handling Equipment – RH08-20,” using Tourist Development Tax Fund 1105 in the amount of \$70,914.00, and found that this item promotes tourism. Second by Mr. Burke. The motion passed unanimously, 8-0.

5. [ES - Phillips & Jordan - Termination of Contract No. 23-8111 & APTIM Environmental & Infrastructure LLC - Change Order No. 1 - PO 4500222753](#)
Recommendation to terminate for convenience Construction Agreement 23-8111 with Phillips and Jordan Inc. as the contractor of the Reach A 2023 “Collier 2023 Emergency Truck Haul and Construction” project, and authorize the chairman to sign Change Order No. 1 to Agreement No. 18-7432-CZ with APTIM Environmental & Infrastructure LLC for professional engineering services providing re-survey, re-design, bidding assistance and post-design services for the remaining South Naples emergency berm, and make a finding that this item promotes tourism. (Project No. 50280)

Mr. Miller told the CAC:

- We’re going to go back to the construction of the emergency berm. We had two different contractors, one working in the Barefoot-Vanderbilt area and another working in the Naples Beach-Park Shore area and by the time we got south of the pier, which was where we were going to try to finish up, we wanted to continue down and go to Port Royal, but we were into June and the turtles were going crazy.
- We also didn’t have all the easements necessary to do the work because it’s private beach and we’re still in the process of getting easements.
- It appears we’re going to get them in time to start construction in spring.
- Phillips & Jordan was the original contractor and won’t be available to continue the project, so South Naples will be put in as a single project, although it’s still related to the overall emergency berm project.
- We need to put out an invitation to bid so we can get other contractors to build that portion.
- To further complicate that, APTIM Environmental & Infrastructure was the original designer. They’re going to remain as the designer and engineer of record, but they’re going to have to do a change order to come back and resurvey and redesign the beach related to any change in the survey.
- They’ll also have to remobilize for construction services, along with bidding assistance. They’ve already provided their bidding assistance for the original contract, but they have to come back and do bidding assistance for this secondary effort.
- (He read the recommendation.)

Vice Chair Trecker asked if APTIM is needed for rebidding assistance.

Mr. Miller said that’s correct.

Vice Chair Trecker asked if it’s at a cost of \$54,000.

Mr. Miller said that’s correct and that also includes resurvey and redesign, redoing the plans and specifications to only call for the construction of South Naples.

Chairman Burke said it sounded like they couldn’t meet the deadline.

Mr. Miller said yes, their main issue was that the amount of time in between when they stopped work and when they were intending to pick back up and will have been six months in December, so by contract provision, they’re allowed to leave the project

unfinished. It was the county that stopped the project, so it was no fault of Phillips & Jordan. They're not available to do the work.

Chairman Burke said so they asked to be released?

Mr. Miller said yes.

Dr. Hushon asked if they haven't been paid for this work, so it's outside anything in their current billing?

Mr. Miller said that was correct.

Vice Chair Trecker asked if the emergency berm work in South Naples will be completed by the deadline. What is the deadline?

Mr. Miller said May 1 is the beginning of turtle season, but we worked into turtle season last year. We just have to get the beaches cleared every morning before we put equipment and manpower on the beach. We may have to do that again, but South Naples is a small part of a huge project and it should be a two- to three-week hauling effort, so if we get all approvals necessary to get a contractor on the beach, possibly on April 1, there's a good chance it will be before turtle season starts. We need to ensure we make that happen.

Dr. Hushon asked where the work would occur in terms of streets.

Mr. Miller said from about 21st Avenue south to Gordon Pass. There is no 21st Avenue South at the beach end, but it's in that area.

Dr. Hushon asked if this will be the first time that we have done their beaches.

Mr. Miller said as far as he knows. We don't do that part of the beach because there's a lack of access and our permit ends at Monument 79, which is around 21st Avenue South, so we previously weren't permitted to do the work. Since we're still working under the Emergency Final Order from Hurricane Ian and Nicole, it's still an active emergency order, so if they continue to extend that so that we can do this project, it will probably be the only time we do that beach.

Mr. Brechnitz moved to recommend terminating approving for convenience Construction Agreement 23-8111 with Phillips & Jordan Inc. as the contractor of the Reach A 2023 "Collier 2023 Emergency Truck Haul and Construction" project, and authorize the Chairman to sign Change Order No. 1 to Agreement No. 18-7432-CZ with APTIM Environmental and Infrastructure LLC for the professional engineering services providing re-survey, re-design, bidding assistance and post-design services for the remaining South Naples emergency berm and found that this item promotes tourism. Second by Mr. Raymond. The motion passed unanimously, 8-0.

Mr. Brechnitz said he had a related question about the Sand Dollar Island-Tigertail Park Restoration project that we just finished. It was a \$4 million project and the TDC provided \$900,000 for the work. None was on private property. It was all state or county owned land. In the budget, who will pay for the maintenance and monitoring on that beach?

Mr. Miller said the city and county managers would have to answer that. He doesn't know if there have been discussions on it. He hasn't been involved in any.

Mr. Brechnitz said he wanted him to be aware that that's coming up so you can think

about it.

Mr. Miller thanked him.

VIII. Old Business

Mr. Koziar asked what the status of Collier Creek is.

Mr. Miller said we continue to ask the Army Corps of Engineers for the status/update on their permit. We prepared a long list of all the communications back and forth between the Corps and our county consultant and we continue to reach out monthly for an update.

Mr. Brechnitz asked who the consultant is on that project.

Mr. Miller said it's APTIM engineering.

Mr. Koziar asked whether the R-Markers have been installed yet. He walks the beach daily and hasn't seen the markers.

Mr. Miller said they've been partially installed. They started at Barefoot Beach and they're working their way south, so if they're not completed on the south, he'd be surprised. He walked the beach today and saw there are at least 15-20 more to be installed, so they'll be coming in the next several weeks.

Mr. Koziar said he was looking for the ones leading up to Collier Creek all the way down to Tigertail.

Mr. Miller said they were all manufactured and are ready to go. They just need to be put in the ground.

Mr. Koziar asked about Erik's question. We budget for sand renourishment for the beaches and budget for taking sand out of some of the inlets, etc. Why wouldn't we be budgeting for maintenance on the Tigertail sand spit? Why would that require some additional authority? This is just budgeting.

Mr. Miller said it's kind of a special project, mainly because the beaches and inlets that we maintain annually and budget for are Tourist Tax eligible and they're also FDEP-reimbursement eligible, so it's kind of a special project.

Mr. Brechnitz said this is Tigertail Park. That's not special. This is owned by the county. Tourists are there all the time. Why would that be a special case?

Mr. Miller said the special case is more related to state eligibility, so funding would have to be discussed again at a different level.

Mr. Koziar said we've authorized money for Tigertail Beach. There was a new playground, new bathrooms and showers and an extension of the parking facilities. That was all county money. Why is Tigertail Park being excluded from the normal work we do at the CAC?

Mr. Miller said the difference is Tigertail Park is one thing and Sand Dollar Island is another. There needs to be conversations about whether we're going to continue to maintain the way it was constructed.

Mr. Brechnitz said it's owned by the state and the state ceded responsibility to the county.

Mr. Miller said he doesn't know if that's actually the case.

Chairman Burke said it sounds like a question for Colleen.

Attorney Greene said she doesn't know all the answers but will review it and bring it

back to the next CAC meeting.

Action Item: Assistant County Attorney Colleen Greene will research whether Tigertail Park was a state park ceded to the county and who is responsible for maintaining it.

Dr. Hushon said she brought up the problem of the debris under the water along the coast two meetings ago. Since then, we've had media coverage and photos of what people found underwater. Where are we on addressing that problem?

Mr. Miller responded that:

- We have been working on that since he told you he was going to reach out to some municipalities and other people who may know about ground-penetrating radar, surveys, etc.
- He reached out to FEMA, Fort Myers Beach and Lee County. It wasn't that they didn't support it, but they didn't think it was feasible or practical, mainly due to the size and scope.
- We've also reached out to a group called Dive Against Debris (www.diveagainstd debris.org) and we're having discussions.
- We're early on in discussions with various entities, including the Collier County Sheriff's Office, Parks & Rec and some non-profit groups.
- Dive Against Debris has done projects and he believes they set a world record by having about 600 divers go along the coast and picking up items off the bottom. We may not get 600 divers, but we're working to get divers together to clean up the near shore.

Dr. Hushon said if we do that, we should get some press coverage for it, so you get credit for it to counter the media saying there were things out there that were dangerous. We've all seen the articles after a beach cleanup. This is the equivalent of a beach cleanup, an underwater cleanup. We ought to work at getting PR out of that.

Mr. Miller said he agrees.

X. Announcements
(None)

XI. Committee Member Discussion

A discussion ensued and the following points were made:

- Ray Christman's idea for the subcommittee should be put on our next agenda or a future agenda.
- We really should focus on the future of the whole process.
- We could add it to the next meeting's agenda and have a presentation or discussion.
- Mr. Roth (subcommittee chair) said that's kind of a Catch 22 because the subcommittee would have to get together to come up with something we could focus on and that would be up to Bob, Ray and myself. I'd be available to meet, but I don't know if staff is available to squeeze a meeting in between now and the next meeting to talk about what we'd like to discuss on the agenda.
- We'd need guidance from this committee about whether we want to continue it and in what capacity because we came up with water-quality recommendations in the past that aren't being addressed by any other agency. We also came up

with other ideas, but didn't have the resources to pursue them. Mr. Roth and Mr. Christman think it's a good idea to invite some environmental groups, such as The Conservancy or Rookery Bay, but we haven't asked them yet.

- We're going to have to work on something specific, such as advanced-wastewater treatment, which Fort Myers and Lee County are doing and we're not. We're not doing right. It's critical.
- Our recommendations have fallen on deaf ears.
- The existing wastewater plants are going to receive more flow and new plants will be developed.
- Goodland and Isles of Capri, which has come up on radar recently, are part of the Marco Island Service District. The logical conclusion would be that that we should do it. We don't really want to do it, but that's the best solution. We've got the mains all the way down to the entrance to Isles of Capri, so doing the connections would be least disrupted if somewhere else built a main along our mains. We've got a pump station there and service everything across the street, across 951, Mainsail Drive and all those condos are part of the Marco Island Service District.
- Gene Wordehoff is very knowledgeable about that.
- Gene has been studying phosphorus, which is coming out of our waste-treatment plants. We're putting it into our wastewater distribution system when we're recycling graywater out to homes, buildings or golf courses for irrigation. They use it here at the Government Center. It has very high phosphate, so it creates a sort of phosphate source. If we're not taking care of that source and using it up, if we're putting it back into stormwater runoff, that's a problem. The extent to which that phosphate coming out of a wastewater treatment plant is going to graywater and going to stormwater, we don't have percentages on those numbers.
- Gene would be a great resource for that. He's studying it.
- We're talking about two different things. One is "sewering" areas presently on septic. The Marco Island Wastewater Facility is ready, willing and able to serve Isles of Capri. They made a presentation to Isles of Capri two or three years ago and have conceptual engineering to service Isles of Capri. The infrastructure is there, but there's been pushback from Isles of Capri residents because there will be an expense for residents and Marco Island to tie in to the sewers. It was upwards of \$20,000.
- County commissioners need to sell that to the residents of Isles of Capri. They wouldn't be in the sewer district if Marco didn't have capacity. It's a matter of infrastructure and paying for it.
- There are state funds and grants available for that.
- There was a cost for Marco Island and it becomes a lien on the property.
- In North Naples, they put it on a tax MSTA, a special tax district, so you pay a tax spread out over 10 or 15 years.
- The problem is it becomes a property tax. It becomes a lien if you don't pay it off and sell your house. If you sell your house after you get a 15-year loan and sell the house after 10, you must pay the last five years. Then it has to go into the price of the property, but all the neighbors are doing the same thing.
- That will be a good topic for the next meeting.
- The other issue is advanced-wastewater treatment, the level at which wastewater is treated before being used for reuse. That's Gene's issue because under state

law, if you use treated wastewater for agricultural purposes or irrigation purposes, it's not being directly discharged into waters. It's a ground application. You don't have to remove nutrients – and that's the issue. We're learning that those nutrients are eventually getting into the water.

- The sewer plants that are operating are all 100% compliant with state law, but they could do better. That's what Lee County is doing and what Fort Myers is trying to do.
- Mr. Brechnitz said we had a long consultant study and they concluded that it was *de minimus*. These are experienced people who studied it very carefully. In Marco Island, homes are not allowed to use reclaimed water. They must use potable water if they irrigate. It's only used on golf courses and certain condos.
- That's not true in unincorporated Collier, where the wastewater treatment fluids go back into irrigation treatment. It's not just in golf courses, but countywide. Marco Island is ahead of the county on this.

Mr. Koziar said this conversation is getting larger and more expansive. Ever since he's been on the Coastal Advisory Committee, what we've done over many years is basically move sand, put sand on beaches and take sand out of inlets and we stay in our own lane. What he's hearing today is arguments that this committee wants to give advice on all kinds of things. It troubles me. We should stay in our own lane and just move sand because we do it very well. It's a great job that we do without getting into all these political and esoteric issues where we don't have the staff, the knowledge and shouldn't be providing advice in those areas. That's my view.

Vice Chair Trecker noted that the remit was expanded beyond just moving sand and that's what we're dealing with.

Mr. Koziar said there were some constrictions on that, and it really didn't sit well with County Commissioners.

Attorney Greene said his point is well taken. When we come back and this item is on the agenda, she will include language from the ordinance with the CAC's expanded functions, powers and duties pertaining to water quality.

Mr. Brechnitz said that's a great idea.

Chairman Burke said it will be added as an agenda item for the next meeting. Then we'll try to focus it on what the action items or next steps will be relative to our role and what the subcommittee does.

Action Item: Consider inviting an environmental group or two to the next meeting for a presentation, possibly one on advanced-wastewater treatment and the levels to which water is treated.

Action Item: Attorney Greene will provide the remit about the CAC's expanded duties involving water quality at the next meeting.

Chairman Burke said the Army Corps still hasn't sent out a reminder about the monthly meetings. It won't be the third Wednesday due to Thanksgiving. It will be the following week. Participation in the Zoom calls has been decreasing.

Dr. Hushon said that would mean the meeting scheduled for Christmas week also would be a week later.

Mr. Miller said he'd reach out to Chris Mason to ask. He thought someone mentioned

November 22.

XII. Next Meeting

January 11, 2024, 1 p.m.

XIII. Adjournment

Councilor Brechnitz moved to adjourn the meeting. Second by Mr. Burke. The motion passed unanimously, 8-0.

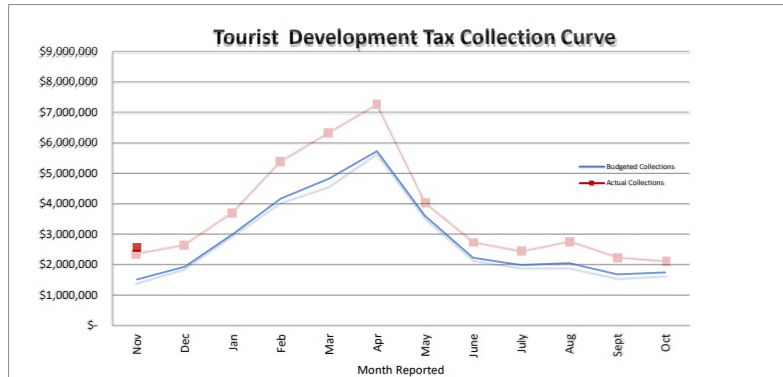
There being no further business for the good of the county, the meeting was adjourned by order of the chairman at 1:58 p.m.

Collier County Coastal Advisory Committee

Joseph Burke, Chairman

These minutes were approved by the Committee on_____, (check one) as presented, _____ or as amended _____.

FY 24 TDT Collections Report						
30-Nov-2023						
Fund Reporting	Fund	Adopted Budget	Updated Annual Forecast	Budgeted YTD	YTD Actual	Variance to Budgeted YTD
Beach Park Facilities	1100	1,234,300	1,271,844	54,345	91,886	37,541
TDC Promotion	1101	12,221,500	12,654,081	538,105	861,627	323,521
Non-County Museums	1103	658,500	678,530	28,993	49,023	20,030
TDC Admin	1104	-	-	0	-	-
Beach Renourishment	1105	13,438,900	13,847,676	591,707	1,000,483	408,776
Disaster Recovery	1106	-	-	0	-	-
County Museums	1107	2,000,000	2,000,000	88,059	197,119	109,060
TDC Capital	1108	4,923,200	5,072,951	216,766	366,519	149,753
	Gross Budget	34,476,400	35,525,082	1,517,975	2,566,657	1,048,682
	Less 5% Rev Res	(1,723,800)	3.04%		% Over(Under) Bud	69.1%
	Net Budget	32,752,600				
Collections						
Month Reported	Actual	Cum YTD	% Budget Collected to Date	% Variance FY22 Collections	% Variance FY21 Collections	% Variance FY20 Collections
Nov	2,566,657	2,566,657	7.44%	9.03%	14.03%	116.41%
Dec	-	2,566,657	7.44%	n/a	n/a	n/a
Jan	-	2,566,657	7.44%	n/a	n/a	n/a
Feb	-	2,566,657	7.44%	n/a	n/a	n/a
Mar	-	2,566,657	7.44%	n/a	n/a	n/a
Apr	-	2,566,657	7.44%	n/a	n/a	n/a
May	-	2,566,657	7.44%	n/a	n/a	n/a
June	-	2,566,657	7.44%	n/a	n/a	n/a
July	-	2,566,657	7.44%	n/a	n/a	n/a
Aug	-	2,566,657	7.44%	n/a	n/a	n/a
Sept	-	2,566,657	7.44%	n/a	n/a	n/a
Oct	-	2,566,657	7.44%	n/a	n/a	n/a
Total	2,566,657	2,566,657	YTD	9.03%	14.03%	116.41%
35,525,082						
Budget Comparison						
	5 Yr History-Cum	5 Yr History-Monthly	Budgeted Collections	Actual Collections	Budget to Actual Variance	Updated Forecast
Nov	4.4%	4.4%	1,517,975	2,566,657	1,048,682	2,566,657
Dec	10.0%	5.6%	1,934,395	-	-	1,934,395
Jan	18.7%	8.7%	3,001,834	-	-	3,001,834
Feb	30.8%	12.1%	4,168,363	-	-	4,168,363
Mar	44.8%	14.0%	4,823,183	-	-	4,823,183
Apr	61.4%	16.6%	5,723,547	-	-	5,723,547
May	71.9%	10.5%	3,606,621	-	-	3,606,621
June	78.3%	6.5%	2,229,096	-	-	2,229,096
July	84.1%	5.8%	1,983,274	-	-	1,983,274
Aug	90.0%	6.0%	2,053,876	-	-	2,053,876
Sept	94.9%	4.9%	1,685,186	-	-	1,685,186
Oct	100.0%	5.1%	1,749,050	-	-	1,749,050
Total	100.0%	100.0%	34,476,400	2,566,657	1,048,682	35,525,082
% over(under) budget 69.1% 3.04%						



EXECUTIVE SUMMARY

Recommendation to approve a work order with APTIM Environmental & Infrastructure, Inc. to provide professional engineering services for 2025-2026 Local Government Funding Request under Contract No. 18-7432-CZ for time and material not to exceed \$27,010.00, authorize the Chairman to execute the work order, and make a finding that this item promotes tourism (Fund 195, Project No. 90065).

OBJECTIVE: To move forward with preparation of the 2025-2026 Local Government Funding Request (LGFR) for Collier County's shore protection projects.

CONSIDERATIONS: APTIM Environmental & Infrastructure, Inc. will assist the County with Preparation of the 2025-2026 LGFR for Collier County's shore protection projects; South Marco Island and Collier County Beach Renourishment projects, and the County's inlet projects: Wiggins Pass and Doctors Pass. APTIM will evaluate all the elements of the coastal projects as they apply to the Florida Admin. Code and the LGFR application and guidance documents will be evaluated in order to increase Florida Department of Environmental Protection (FDEP) ranking and cost-sharing opportunities where applicable. Additionally, APTIM will update the application response to account for the modification of the LGFR based on the latest rating guidelines, rules, and current project cost information. Once APTIM has completed a draft of the LGFR application, they will provide it to Collier County for review and comment prior to submittal to FDEP.

FDEP will review the application and may request additional information (RAI). APTIM will respond to FDEP's RAI and provide additional information to the FDEP on behalf of Collier County as needed. FDEP then reviews the applications in detail and provides initial project rankings and initial project assessments. Collier County will then have the opportunity to respond to the initial project assessment. APTIM will then perform a review of the initial project assessment on behalf of Collier County and, if warranted, provide the County with a draft letter to the FDEP identifying the area within the application that may provide additional points to the County. The County will issue a Work Order under Contract No. 18-7432-CZ, which was approved by the BCC on March 10, 2020, item 16.E.4.

This item is consistent with the Quality of Place Objectives of the County's Strategic Plan.

FISCAL IMPACT: Funding for the proposed work order, in the amount of \$27,010.00, is available in the Tourist Development Tax Fund (195), Project No. 90065, FDEP LGFR Analysis. The source of funding is Tourist Development Tax. Funding for this work order will not be requested for reimbursement from any grantor agency.

GROWTH MANAGEMENT IMPACT: This item is consistent with the Conservation and Coastal Management Element of the County's Growth Management Plan.

ADVISORY COMMITTEE RECOMMENDATIONS: This item will be presented to the Coastal Advisory Committee (CAC) on January 11, 2024 and the Tourist Development Council (TDC) on January 16, 2024.

LEGAL CONSIDERATIONS:

RECOMMENDATION: To approve a work order with APTIM Environmental & Infrastructure, Inc.; to provide professional engineering services for 2025-2026 Local Government Funding Request under Contract No. 18-7432-CZ for time and material not to exceed \$27,010.00, authorize the Chairman to

execute the work order, and make a finding that this item promotes tourism (Fund 195, Project No. 90065).

Prepared By: Andrew Miller, P.E., Coastal Zone Management, Capital Project Planning, Impact Fees, and Program Management Division

✓WORK ORDER/PURCHASE ORDER
 Contract 18-7432-CZ "Professional Services Library Coastal Engineering Category"
 Contract Expiration Date: March 9, 2025 ✓

This Work Order is for professional Engineering Services for work known as:

- ✓Project Name: FDEP LGFR Analysis
- ✓Project No: 90065.1

The work is specified in the proposal dated November 6, 2023 which is attached hereto and made a part of this Work Order. In accordance with Terms and Conditions of the Agreement referenced above, this Work Order/Purchase Order is assigned to: APTIM Environmental & Infrastructure, LLC.

Scope of Work: As detailed in the attached proposal and the following:

- * Task I South Marco Beach LGFR Application
- * Task II North County Beaches & Doctors Pass LGFR Application
- * Task III Wiggins Pass LGFR Application

Schedule of Work: Complete work within 210 days from the date of the Notice to Proceed which is accompanying this Work Order. The Consultant agrees that any Work Order that extends beyond the expiration date of Agreement # 18-7432-CZ will survive and remain subject to the terms and conditions of that Agreement until the completion or termination of this Work Order.

Compensation: In accordance with the Agreement referenced above, the County will compensate the Firm in accordance with following method(s): Negotiated Lump Sum (NLS) Lump Sum Plus Reimbursable Costs (LS+RC) Time & Material (T&M) (established hourly rate – Schedule A) Cost Plus Fixed Fee (CPFF), as provided in the attached proposal.

Task I	\$8,614.00 ✓
Task II	\$9,782.00 ✓
Task III	\$8,614.00 ✓
TOTAL FEE	\$27,010.00 ✓

PREPARED BY:	MillerAndrew <small>Digitally signed by MillerAndrew Date: 2023.11.06 14:24:41 -05'00'</small>	_____	_____
	Andrew Miller, Manager - CZM		Date
APPROVED BY:	Johnssen_b <small>Digitally signed by Johnssen_b Date: 2023.11.20 13:08:20 -05'00'</small>	_____	_____
	Beth Johnssen, Division Director		Date
APPROVED BY:	AhmadJay <small>Digitally signed by AhmadJay Date: 2023.12.29 09:31:13 -05'00'</small>	_____	_____
	Trinity Scott, Department Head		Date

By the signature below, the Firm (including employees, officers and/or agents) certifies, and hereby discloses, that, to the best of their knowledge and belief, all relevant facts concerning past, present, or currently planned interest or activity (financial, contractual, organizational, or otherwise) which relates to the proposed work; and bear on whether the Firm has a potential conflict have been fully disclosed.

Additionally, the Firm agrees to notify the Procurement Director, in writing within 48 hours of learning of any actual or potential conflict of interest that arises during the Work Order and/or project duration.

ACCEPTED BY: Aptim Environmental & Infrastructure, LLC

Sharp, Nicole

Digitally signed by Sharp, Nicole
Date: 2023.12.01 09:54:23
-05'00'

Nicole Sharp, Program Manager

Date

(Remainder of page intentionally left blank)

IN WITNESS WHEREOF, the parties hereto, have each, respectively, by an authorized person or agent, have executed this Work Order on the date and year first written below.

ATTEST:

, Clerk of Courts

BOARD OF COUNTY COMMISSIONERS
COLLIER COUNTY, FLORIDA

By: _____

By: _____
, Chairman

Dated: _____
(SEAL)

Name of Firm Aptim Environmental & Infrastructure, LLC

First Witness

By: _____
Signature
Nicole Sharp, Program Manager

↑Type/print witness name↑

↑Type/print signature and title↑

Second Witness

↑Type/print witness name↑

Approved as to Form and Legality:

Assistant County Attorney

Print Name



APTIM
6401 Congress Avenue, Suite 140
Boca Raton, FL 33487
Tel: +1 561 391 8102
www.aptim.com

October 26, 2023
Revised December 14, 2023

Andy Miller
Collier County Coastal Zone Management
2685 S. Horseshoe Drive
Naples, FL 34104

**Re: 2025-2026 Local Government Funding Request (LGFR) Preparation
Collier County, Contract No. 18-7432-CZ**

Dear Andy:

This letter is in response to Collier County's (County) request for a proposal for support service from Aptim Environmental & Infrastructure, LLC (APTIM). The services will include funding and technical support to assist the County with submittal of the 2025-2026 Local Government Funding Requests (LGFR) for Collier County's: South Marco Island Beach Renourishment Project, North County Beach Renourishment Program including Doctors Pass, and the County's inlet project at Wiggins Pass.

Included as Exhibits are: Scope of Work (Exhibit A), Estimated Fee Proposal (Exhibit B), and Rates Schedule (Exhibit C). APTIM proposes to provide these services on a time and materials basis not-to-exceed \$27,010 under the terms and conditions of the existing Contract No. 18-7432-CZ dated March 10, 2020, and as amended May 7, 2020. Barring any unforeseen circumstances, all work will be completed within 210 days of receiving the Notice to Proceed.

Sincerely,

A handwritten signature in blue ink, appearing to read "Nicole S. Sharp".

Nicole S. Sharp, P.E.
Coastal Market Lead
Aptim Environmental & Infrastructure, LLC

Client Authorized Signature

Name

Title

cc: Steve Keehn, P.E., APTIM
Erica Carr-Betts, APTIM



Exhibit A
Scope of Work



2025-2026 Local Government Funding Requests (LGFR) Collier County, Florida Scope of Work

Introduction

To distribute state funds for shore protection and inlet management projects, the Florida Department of Environmental Protection (FDEP) requests that local sponsors submit an annual Local Government Funding Request (LGFR) for their projects. This scope of work details the tasks required to assist the County with preparing and submitting the 2025-2026 LGFRs to the FDEP and responding to both the FDEP's Application Review and Project Assessment for Collier County's South Marco and North County Beach Renourishment projects, and inlet maintenance projects at Doctors Pass, and Wiggins Pass. Once a draft of the LGFR applications have been completed, a copy will be provided to Collier County for review and comment prior to Collier County submittal to the FDEP.

Following application submission, the FDEP will review the application in detail and provide initial project rankings and initial project assessments. APTIM will perform a review of the initial project assessment on behalf of Collier County and, if warranted, provide the County with a draft letter to the FDEP identifying the areas within the applications that may provide additional points to the County.

1. South Marco Beach LGFR Application

APTIM will assist the County with preparation of the 2025-2026 LGFR for Collier County's South Marco Island Renourishment Project. Building upon past LGFR applications, APTIM will update the application response to account for updates to the project. All the elements of the projects as they apply to the 62B-36 Rule and the LGFR application and guidance document will be evaluated to optimize FDEP ranking and cost sharing opportunities where practical. Additionally, maps will be updated and the FDEP's application response will be reviewed and, if required, a response to the draft assessment will be completed.

2. North County Beaches & Doctors Pass LGFR Application

APTIM will assist the County with preparation of the 2025-2026 LGFR for Collier County's North County beaches (Vanderbilt, Park Shore, and Naples Beach) and Doctors Pass projects. Building upon past LGFR applications, APTIM will update the application response to account for current project status and cost information. All the elements of the projects as they apply to the 62B-36 Rule and the LGFR application and guidance, document will be evaluated to optimize FDEP ranking and cost sharing opportunities where practical. Additionally, maps will be updated and the FDEP's application response will be reviewed and, if required, a response to the draft assessment will be completed.

3. Wiggins Pass LGFR Application

APTIM will assist the County with preparation of the 2025-2026 LGFR for Collier County's Wiggins Pass inlet maintenance project. All the elements of the project as they apply to the 62B-36 Rule, LGFR application, and guidance document will be evaluated to increase FDEP ranking and cost sharing opportunities where practical. Additionally, maps will be updated and the FDEP's application response will be reviewed and, if required, a response to the draft assessment will be completed.



Exhibit B
Estimated Fee Proposal

ESTIMATED FEE PROPOSAL FOR

**2025-2026 LOCAL GOVERNMENT FUNDING REQUEST (LGFR) PREPARATION
COLLIER COUNTY, Contract No. 18-7432-CZ**

October 24, 2023

PREPARED BY:

Aptim Environmental & Infrastructure, LLC

**ESTIMATED FEE PROPOSAL FOR
2025-2026 LOCAL GOVERNMENT FUNDING REQUEST (LGFR) PREPARATION
COLLIER COUNTY, Contract No. 18-7432-CZ**

October 24, 2023

Task Item	Cost	Senior Project Manager (Hours)	Senior Engineer (Hours)	Engineer (Hours)	GIS Specialist (Hours)	Clerical/ Administrative (Hours)
1 South Marco Beach LGFR Application	\$8,614.00	8	24	10	10	4
2 North County Beaches & Doctors Pass LGFR Application	\$9,782.00	8	28	10	14	4
3 Wiggins Pass LGFR Application	\$8,614.00	8	24	10	10	4
	Total Hours =	24	76	30	34	12
	Rate =	\$203	\$177	\$130	\$115	\$73
	Cost =	\$4,872	\$13,452	\$3,900	\$3,910	\$876
TOTAL		\$27,010.00				



**Exhibit C
Rate Schedule**

* * * * *

SCHEDULE B-ATTACHMENT 1
RATE SCHEDULE

Title	Hourly Rate
Principal	\$231
Senior Project Manager	\$203
Project Manager	\$160
Senior Engineer	\$177
Engineer	\$130
Senior Inspector	\$126
Inspector	\$93
Senior Planner	\$150
Planner	\$120
Senior Designer	\$140
Designer	\$105
Environmental Specialist	\$120
Senior Environmental Specialist	\$167
Scientist/Geologist	\$115
Senior Scientist/Geologist	\$153
Marine Biologist/Hydrogeologist	\$120
Senior Marine Biologist/Hydrogeologist	\$145
Senior GIS Specialist	\$155
GIS Specialist	\$115
Clerical/Administrative	\$73
Senior Technician	\$103
Technician	\$83
Surveyor and Mapper	\$125
CADD Technician	\$107
Survey Crew - 2 man	\$145
Survey Crew - 3 man	\$180
Survey Crew - 4 man	\$215
Senior Architect	\$160
Architect	\$125

The above hourly rates are applicable to Time and Materials task(s) only. The above list may not be all inclusive. Hourly rates for additional categories required to provide particular project services shall be mutually agreed upon by the County and firm, in writing, on a project by project basis, as needed, and will be set forth in the Work Order agreed upon by the parties.

Grant Funded: The above rates are for purposes of providing estimate(s), as required by the grantor agency.

* * * * *



Direct Select Form

Request Date	Contract No.	Proposal Cost Estimate	Construction Cost Estimate
10/27/2023	18-7432-CZ	27,010	N/A
Requested By <i>(Use name as it appears in Outlook):</i> Andrew Miller		Division / Department: Capital Project Planning, Impact Fees, & Program Management	
Administrative Agent <i>(If different from Requestor):</i>			
Library Category: Coastal Engineering		Vendor Name: APTIM Environmental & Infrastructure, LLC	
Work Assignment Title: Professional Support Services 2025-2026 LGFR			
Description of Requested Services: APTIM will assist the County with preparation of the 2025-2026 LGFR (Local Government Funding Request) for Collier County's South Marco Island Beach Renourishment Project, North County Beach Renourishment program including Doctors Pass, and the County's inlet project at Wiggins Pass.			
Justification: <i>(Select all that apply and explain below)</i>		<input checked="" type="checkbox"/> Past experience with project <input type="checkbox"/> Continuation of previous work assignment <input type="checkbox"/> Unique qualifications <input type="checkbox"/> Other	
Comments / Explanation of Direct Select: APTIM prepares the LGFR applications annually 45-217655 FY 2022 and 45-211503 FY 21 and provides cost effective and efficient services due to their previous experience.			
Requestor: Andrew Miller		Signature: MillerAndrew <small>Digitally signed by MillerAndrew Date: 2023.10.27 11:23:58 -04'00'</small>	Date:
Division Director: Beth Johnssen		Signature: Johnssen_b <small>Digitally signed by Johnssen_b Date: 2023.10.30 13:08:32 -04'00'</small>	Date:
Procurement Director:		Signature: SarahHamilton <small>Digitally signed by SarahHamilton Date: 2023.11.03 10:31:05 -04'00'</small>	Date:

Return this completed form to: ProcurementSrvcsReq@colliercountyfl.gov.

Please be sure to attach the fully approved form to the requisition in SAP.