



City of
Panama City Beach

City Hall
17007 PCB Parkway
PCB, FL 32413
www.pcbfl.gov

MINUTES of the **October 27, 2022** Regular Meeting of the City Council of the City of Panama City Beach, Florida, and when permitted or required by the subject matter, the Panama City Beach Community Redevelopment Agency.

Mayor Mark Sheldon called the October 27, 2022 regular meeting to order at 9:00 a.m.

ROLL CALL

**MAYOR MARK SHELDON
VICE MAYOR PAUL CASTO
COUNCILMAN PHIL CHESTER
COUNCILMEMBER MARY COBURN
COUNCILMAN MICHAEL JARMAN**

A quorum was present with all five members of City Council. Others present were City Manager Drew Whitman, Assistant City Manager Holly White, City Attorneys Amy Myers and Cole Davis, City Clerk Lynne Fasone, Directors, staff, and members of the public and press.

Pastor Ramon Duvall from Beachside Fellowship Church led the invocation. Vice Mayor Paul Casto led the Pledge of Allegiance.

Mayor Sheldon provided community announcements. Mayor Sheldon called for approval of the October 11, 2022 special meeting/Parks & Recreation Workshop minutes and the October 13, 2022 regular meeting minutes. **Councilman Chester so moved. Councilmember Coburn seconded the motion. The minutes were unanimously approved by a roll call vote (5-0).**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

APPROVAL OF AGENDA

Mayor Sheldon called for approval, additions and/or deletions to the agenda. Mayor Sheldon recommended adding a discussion about **"Lullwater Lake Next Steps"** as new Regular Agenda Item #10.

Mayor Sheldon called for additional additions and/or deletions. Hearing and seeing none, **Councilman Chester moved to approve the amended agenda. Vice Mayor Casto seconded the motion. All were unanimously in favor of approval of the amended agenda, by a roll call vote (5-0).**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

PRESENTATIONS

Mayor Sheldon turned the floor over to Vice Mayor Casto. On behalf of Council, Vice Mayor Casto presented employees with years of service awards.

Mayor Sheldon welcomed Superintendent Bill Husfelt to the podium for an update on Bay District Schools.

Mayor Sheldon invited Wyatt Rothwell, Public Works Engineer, to the podium for a presentation on the Street Resurfacing Program FY2022 & FY 2023 (copy **attached**). Mayor Sheldon thanked Mr. Rothwell and called for comments from Council.

Mayor Sheldon inquired if straightening out the road, that was discussed during the Parks & Rec workshop, was included in this budget. Mr. Rothwell stated no. Assistant Manager White reported staff would bring back a task order for Council's consideration. Mayor Sheldon noted he'd like to see that at the November 10th meeting. Mayor Sheldon inquired out of the 17+ miles being improved, and how many roads would remain a D or F classification. Mr. Rothwell reported, if all of the roads being proposed were actually resurfaced, the City would have 26 D roads and 74 C roads remaining. Discussion regarding the roads being postponed this go-around took place. Mr. Rothwell further reported at the conclusion of this improvement project, if all roads being proposed were improved, 37.55% of roads would be A classification. Vice Mayor Casto discussed the purpose of staggering road improvements.

Councilmember Coburn inquired about manhole covers and why some were not flush with the roadway. Mr. Rothwell explained that typically meant the road was not constructed properly or there was some sort of settling and/or erosion. Mr. Rothwell reported staff would provide oversight to guard against that in the future, check density, etc.

Councilman Chester reported, in the past, Councilmembers had received complaints from homeowners about flooding after resurfacing projects. Councilman Chester inquired as to what the City would be doing to ensure that doesn't happen. Mr. Rothwell concurred and explained staff would focus heavily on doing the GEOTECH procedure to know the subsurface condition. Mr. Rothwell further discussed milling, reducing the elevation of a road, working with the Stormwater Department, roadside swells, and best practices. Councilman Chester thanked Mr. Rothwell and Director Jenkins for always being willing to meet with homeowners about roadway and stormwater issues.

Councilman Jarman noted he was interested in seeing what was instore for Manistee Drive because those folks have some stormwater issues. Councilman Jarman thanked Mr. Rothwell for the presentation.

Mayor Sheldon inquired as to the timeline. Mr. Rothwell reported the project would be bid out within the next three weeks, with a 30-day advertising period, and then it would be brought to Council as soon as possible. Mayor Sheldon noted January. Mr. Rothwell stated he believed so. Councilmembers thanked Mr. Rothwell.

PUBLIC COMMENTS - NON-AGENDA BUSINESS (LIMITED TO THREE MINUTES)

Mayor Sheldon opened the floor to non-agenda business public comments, limited to three minutes each.

Molly Allen, Resident on Lullwater – Ms. Allen thanked the Parks & Rec Department and the Audubon Society of Bay County for holding the first Audubon Bird Walk event at Aaron Bessant Park (ABP). Ms. Allen further commented on grass mowing during the event and there were no longer Killdeer birds at ABP because of fertilizing. Ms. Allen inquired about the status of the Lullwater Lake restoration project. Ms. Allen noted she was against the Stormwater Outfall Project.

Mayor Sheldon called for additional public comments. Hearing and seeing none, Mayor Sheldon closed the public comment portion of the agenda.

CONSENT AGENDA

RESOLUTION NO. 23-14, A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING THE PURCHASE OF ANCILLARY INSURANCE COVERAGE AND SERVICES FROM HUMANA, INC., MINNESOTA LIFE, AND ALLSTATE INSURANCE COMPANY AS MORE PARTICULARLY DESCRIBED IN THE BODY OF THE RESOLUTION.

RESOLUTION NO. 23-21, A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING AN AGREEMENT WITH TEN-8 FIRE & SAFETY, LLC FOR THE PURCHASE OF A SCBA DECONTAMINATION WASHER FOR THE FIRE DEPARTMENT, IN THE TOTAL AMOUNT OF \$29,477.33.

RESOLUTION NO. 23-22, A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING AN AGREEMENT WITH CLARK EQUIPMENT COMPANY FOR THE PURCHASE OF A BOBCAT MINI TRACK LOADER FOR THE UTILITIES DEPARTMENT, IN THE TOTAL AMOUNT OF \$29,749.76.

RESOLUTION NO. 23-23, A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING AN AMENDMENT TO THE CITY’S PERSONNEL POLICIES AUTHORIZING OUTSIDE EMERGENCY PAY.

REVISION OF THE MASTER AUDIT LIST TO REMOVE OBSOLETE ITEMS. These items are to be removed from the Master Audit List. Staff recommends approval. By approval of this matter in the Consent Agenda, the City Council makes a finding of surplus for these items and approves their removal from the Master Audit List.

Mayor Sheldon asked the Clerk to read the Consent Agenda. Mayor Sheldon noted this item was available to Council. **Vice Mayor Casto moved to approve the Consent Agenda. Councilman Jarman seconded the motion. All were unanimously in favor of approval of the Consent Agenda by a roll call vote (5-0).**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

REGULAR AGENDA- DISCUSSION/ACTION ITEMS

ITEM 1. RESOLUTION NO. 23-30, HONORING THE LIFE, ACCOMPLISHMENTS AND LEGACY OF WILLIAM “BILL” BUSKELL; DEDICATING A PORTION OF SOUTH THOMAS DRIVE AS “BILL BUSKELL MEMORIAL DRIVE.”

Mayor Sheldon introduced City Attorney Amy Myers. Mrs. Myers read Resolution 23-30 by title only. Mayor Sheldon called for public comment.

Melissa Taxler, CEO of Pineapple Willy’s Inc. – Ms. Taxler thanked Council for agreeing to honor Mr. Buskell in this way. Ms. Taxler recommended and requested that the unveiling take place on November 8 at 10:00 a.m., which is the one-year anniversary of Mr. Buskell’s passing.

Councilmembers commented on Mr. Buskell’s generosity, positivity and being the founder of Beach Care Services. Mayor Sheldon reported that no one would be affected by this dedication; street addresses would not change, nor would it effect Police and/or Fire services.

Mayor Sheldon noted this item was available to Council. **Vice Mayor Casto moved to approve Resolution 23-30. Councilman Jarman seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Resolution No. 23-30 was adopted by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

ITEM 2. ORDINANCE NO. 1599, AMENDING THE CITY'S CODE RELATED TO MEETING TIMES OF CITY COUNCIL; REVISING THE MEETING SCHEDULE TO PROVIDE FOR THE REGULAR MEETING OF COUNCIL HELD ON THE SECOND THURSDAY IN NOVEMBER AND DECEMBER TO BEGIN AT 9 AM, FIRST READING.

Mayor Sheldon introduced City Attorney Amy Myers. Mrs. Myers read Ordinance 1599 by title only. Mrs. Myers reported that this Ordinance would only affect the November and December meetings. Mayor Sheldon called for public comment on Item #2. Hearing and seeing none.

Mayor Sheldon reported this was an important item so Council would not need to create special meetings in November and December. Mayor Sheldon explained regular meetings, as opposed to special meetings, give Council the ability to add, delete, make modifications to the agenda, as well as take more public comment; regular meetings were more transparent. Manager Whitman concurred.

Mayor Sheldon noted this item was available to Council. **Councilman Chester moved to approve Ordinance 1599. Councilmember Coburn seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Ordinance No. 1599 was adopted by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

ITEM 3. RESOLUTION NO. 23-09, UPDATING THE CITY'S UTILITIES REVENUE CERTIFICATE PROGRAM.

Mayor Sheldon introduced City Attorney Amy Myers. Mrs. Myers read Resolution 23-09 by title only. Mayor Sheldon called for public comment on Item #3. Hearing and seeing none, Mayor Sheldon closed the public comment period.

Mayor Sheldon noted this item was available to Council. **Councilman Chester moved to approve Resolution No. 23-09. Councilman Jarman seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Resolution No. 23-09 was adopted by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

ITEM 4. RESOLUTION NO. 23-24, PURCHASE OF LIQUID SODIUM HYPOCHLORITE FOR THE UTILITY DEPARTMENT AT THE SET UNIT PRICE OF \$1.35 PER GALLON.

Mayor Sheldon introduced City Attorney Amy Myers. Mrs. Myers read Resolution 23-24 by title only. Mayor Sheldon called for public comment on Item #4. Hearing and seeing none, Mayor Sheldon closed the public comment period.

Mayor Sheldon noted this item was available to Council. **Councilman Chester moved to approve Resolution No. 23-24. Councilmember Coburn seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Resolution No. 23-24 was adopted by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

ITEM 5. RESOLUTION NO. 23-25, ABANDONING PORTIONS OF UTILITY EASEMENTS IN BAY POINT FOR THE BAY POINT POST OFFICE DEVELOPMENT.

Mayor Sheldon introduced City Attorney Amy Myers. Mrs. Myers read Resolution No. 23-25 by title only. Mayor Sheldon called for public comment on Item #5. Hearing and seeing no public comment, Mayor Sheldon closed the public comment period.

Mayor Sheldon noted this item was available to Council. **Councilman Chester moved to approve Resolution No. 23-25. Councilman Jarman seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Resolution No. 23-25 was adopted by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

ITEM 6. RESOLUTION NO. 23-26, APPROVING A SUBMERGED LANDS LEASE RENEWAL RELATING TO THE PIER FOR AN ESTIMATED FEE OF \$462,500.

Mayor Sheldon introduced City Attorney Amy Myers. Mrs. Myers read Resolution No. 23-26 by title only. Mayor Sheldon called for public comment on Item #6. Hearing and seeing no public comment, Mayor Sheldon closed the public comment period.

Mayor Sheldon noted this item was available to Council. Hearing and seeing no comments, **Vice Mayor Casto moved to approve Resolution No. 23-26. Councilman Chester seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Resolution No. 23-26 was adopted by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

***ITEM 7. RESOLUTION NO. 23-27, AUTHORIZING CONDEMNATION AND APPROVING AN OFFER FOR LAND LOCATED AT 16300 FRONT BEACH ROAD.**

Mayor Sheldon introduced City Attorney Amy Myers. Mrs. Myers read Resolution No. 23-27 by title only. Mrs. Myers explained this would repeal a prior resolution regarding the same property. Mayor Sheldon called for public comment on Item #7. Hearing and seeing no public comment, Mayor Sheldon closed the public comment period.

Mayor Sheldon noted this item was available to Council. **Councilman Chester moved to approve Resolution No. 23-27. Councilman Jarman seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Resolution No. 23-27 was adopted by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

***ITEM 8. RESOLUTION NO. 23-28, APPROVING A WORK ORDER TO THE CORRADINO GROUP FOR A PARKING AND MOBILITY PLAN FOR THE FRONT BEACH ROAD COMMUNITY REDEVELOPMENT AREA, IN THE TOTAL AMOUNT OF \$153,000.**

Mayor Sheldon introduced City Attorney Amy Myers. Mrs. Myers read Resolution No. 23-28 by title only. Mayor Sheldon called for public comment on Item #8. Hearing and seeing no public comment, Mayor Sheldon closed the public comment period.

Mayor Sheldon noted this item was available to Council. Hearing and seeing no comments, **Vice Mayor Casto moved to approve Resolution No. 23-28. Councilman Jarman seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Resolution No. 23-28 was adopted by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

***ITEM 9. RESOLUTION NO. 23-29, ESTABLISHING A PARKING AND MOBILITY ADVISORY COMMITTEE FOR THE FRONT BEACH ROAD COMMUNITY DEVELOPMENT PLAN.**

Mayor Sheldon introduced the City Attorney Amy Myers. Mrs. Myers read Resolution No. 23-29 by title only. Mrs. Myers recommended one amendment to the resolution in Section B regarding membership. Mrs. Myers recommended "The Steering Committee shall be comprised of ~~three to~~ **at least five** members" because an ordinance adopted by the Council a few years ago required five members sit on an advisory committee.

Mayor Sheldon called for public comment on Item #9. Hearing and seeing no public comment, Mayor Sheldon closed the public comment period.

Mayor Sheldon reported this was really important for the CRA. Discussion regarding qualifications and that members needed to live/work in the CRA to be qualified to serve on the board took place. Mayor Sheldon noted this item was available to Council. **Councilman Jarman moved to adopt Resolution No. 23-29, with the change of from 3 to at least 5 members. Councilman Chester seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **Resolution No. 23-29 was adopted by a unanimous (5-0) roll call vote, as amended.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

Mayor Sheldon called for recommendations/nominations to the **CRA Parking and Mobility Advisory Committee.**

1. Councilman Jarman nominated Dr. Frank Merritt, Resident Representative and Jordan Villhauer, Hotel (retail) Representative from Paradise Found;
2. Vice Mayor Casto nominated Chris Bishop, Restaurant/Retail Representative;
3. Mayor Sheldon nominated Robyn Evans, Hotelier from By the Sea Resorts;
4. Councilmember Coburn nominated Suzanne Burke, Hotelier from Osprey and Maylon Clinkscapes, Resident Representative; and
5. Councilman Chester reported he was awaiting returned phone calls.

Discussion regarding appointing “at least five members” took place. Councilmembers were in favor of appointing all six nominees. **Councilman Jarman moved to approve the slate of six nominees put forward. Councilmember Coburn seconded the motion.** Mayor Sheldon called for further discussion. Hearing and seeing none, Mayor Sheldon asked the Clerk to call the roll. **The slate of six nominees, noted above, was unanimously approved by a unanimous (5-0) roll call vote.**

Vice Mayor Casto	Aye
Councilman Jarman	Aye
Councilmember Coburn	Aye
Councilman Chester	Aye
Mayor Sheldon	Aye

ADDED ITEM #10. DISCUSSION ITEM, LULLWATER LAKE NEXT STEPS.

Mayor Sheldon called for public comments.

Molly Allen, Resident on Lullwater – Ms. Allen noted that she would wait on her comments.

Hearing and seeing no further comments. Mayor Sheldon discussed the September 14 ceremony when the City received a \$6 million grant to help clean-up Lullwater Lake. Mayor Sheldon further reported the City had since heard that that funding maybe in limbo. Mayor Sheldon reported on November 13, after discussing with staff, he drove to Tallahassee and delivered a letter to Governor DeSantis’ Chief of Staff, requesting the Governor’s assistance. Mayor Sheldon added he was very encouraged, however, there were no guarantees of funding, but he was very encouraged. Mayor Sheldon recommended Council appropriate \$150,000, out of the general fund, to hire a stormwater consultant to work on, among other things, the master plan, surveying, water quality, conceptual designs, community outreach, etc. Mayor Sheldon added he felt this would be money well spent and would keep the project moving forward.

Councilman Jarman concurred and added that he was very optimistic and agreed with keeping the project moving forward. Mayor Sheldon discussed how shovel ready projects seemed to be top priority with the State. Mayor Sheldon asked Council if they were fine with pushing forward tonight. Vice Mayor Casto offered his support, as long as the City had the funding. Assistant Manager White reported the City had the funds in the Stormwater Fund. Vice Mayor Casto concurred and added it would be money well spent.

Mayor Sheldon inquired as to the timeline. Director Jenkins reported about six months. Councilmember Coburn offered her support. Councilman Chester concurred.

Manager Whitman thanked Council for their direction and reported he would bring a task order back to Council to consider at its November 10th meeting. Mayor Sheldon thanked Manager Whitman.

Mayor Sheldon called for further public comment on Item #10.

Molly Allen, Lullwater Lake Resident – Ms. Allen inquired as to which consultant would be hired. Ms. Allen recommended the consultant who performed the baseline study some years ago. Ms. Allen reported she joined the St. Andrew Baywatch as a board member and the body write grants, etc. and offered their assistance.

Discussion regarding this being a State-owned Lake took place. Director Jenkins reported the City would use whatever information it had on file as a baseline and the consultant selected was Gemini Engineering, who had amazing subconsultants. Director Jenkins discussed getting an overall picture of the health of the lake, sampling, etc. Mayor Sheldon thanked Director Jenkins.

CITY MANAGER REPORT – No report.

CITY ATTORNEY REPORT - No report.

COUNCIL COMMENTS - Mayor Sheldon invited comments from Council.

Councilman Jarman commented, in response to Ms. Allen's comments, there would be many agencies involved with Lullwater Lake project and he understood Ms. Allen to be in favor of removing the sediment out of Lullwater Lake. Councilman Jarman recommended Council move forward with a task order for the north Alf Coleman sidewalk project, from Arnold High School to Back Beach Road. Manager Whitman reported staff estimated the cost to be approximately \$500,000 and it came back yesterday at \$437,000. Councilman Jarman noted he was in favoring of moving forward with the project. Mayor Sheldon offered his support. Vice Mayor Casto offered his support, as long as funds were available. Assistant Manager White reported staff was in the process of finishing up cash carry forwards from FY22, the City had a very good year, so there should be some extra cash coming forward, there should be sufficient amount to fund this project. Manager Whitman thanked Council for direction and commented he would bring this back for Council's consideration at the November 10 meeting.

Mayor Sheldon asked Council to keep in their minds, possibly for discussion on November 10, the north Richard Jackson project. Mayor Sheldon also recommended discussing, at the next meeting, art or signage in the roundabout, the City's new gateway. Council discussed power and irrigation already in place in the roundabout. Mayor Sheldon extended a thank you and well wishes to City intern, Riani Pokipala, whose last day would be October 31st.

With nothing further, Mayor Sheldon adjourned the meeting by unanimous consent at 10:06 a.m.

READ AND APPROVED this 10th day of November, 2022.



Mark Sheldon, Mayor
City of Panama City Beach, Florida

ATTEST:



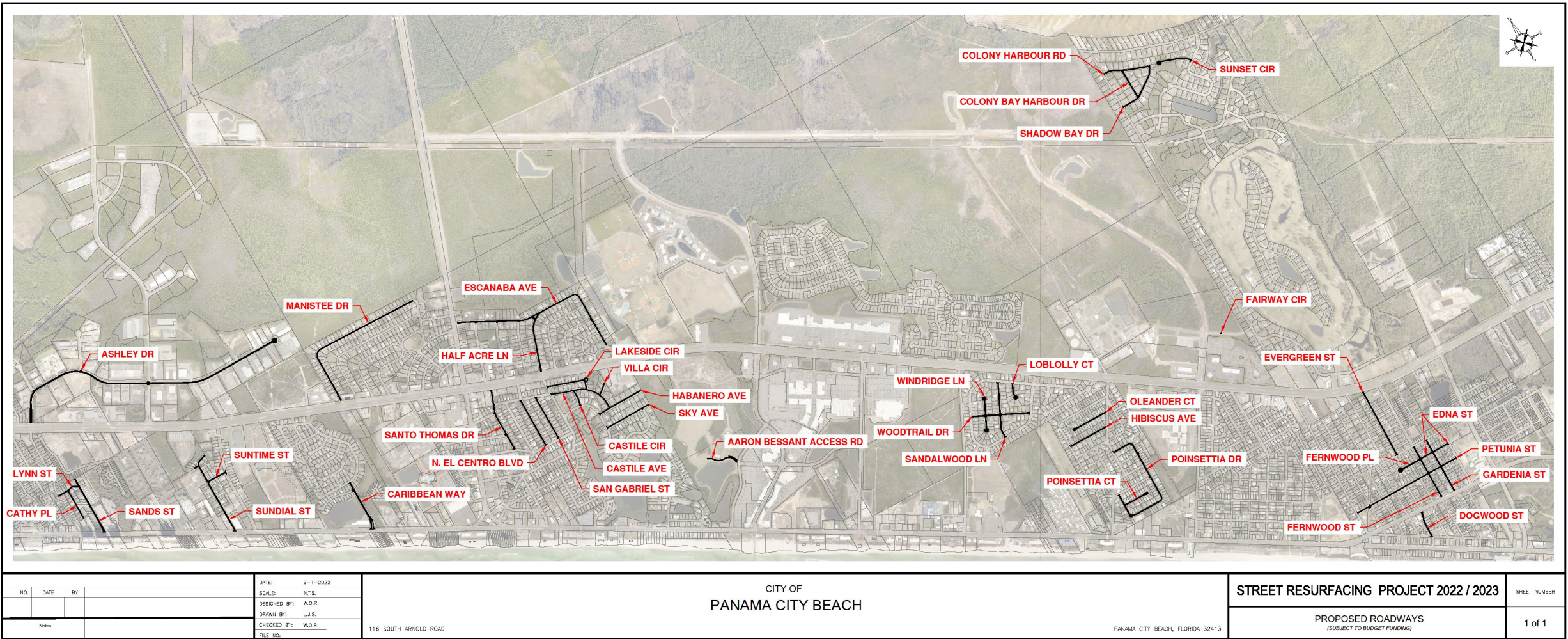
Lynne Fasone, MMC, City Clerk

* ACTION ITEMS NOTED WITH AN ASTERISK ARE TAKEN BOTH BY THE CITY COUNCIL AND THE PANAMA CITY BEACH REDEVELOPMENT AGENCY JOINTLY AND CONCURRENTLY. IN THE EVENT OF A CONFLICT BETWEEN THE FOREGOING MINUTES AND A VERBATIM TRANSCRIPT OF THESE MINUTES, THE FOREGOING MINUTES SHALL CONTROL.

Street Resurfacing FY 2022 & FY 2023



Proposed Roadways



NO.	DATE	BY
Notes		
DATE:	9-1-2022	
SCALE:	N.T.S.	
DESIGNED BY:	W.O.R.	
DRAWN BY:	L.J.S.	
CHECKED BY:	W.O.R.	
FILE NO.:		

CITY OF
PANAMA CITY BEACH

116 SOUTH ARMOLD ROAD

PANAMA CITY BEACH, FLORIDA 32413

STREET RESURFACING PROJECT 2022 / 2023	SHEET NUMBER
PROPOSED ROADWAYS <small>(SUBJECT TO BUDGET FUNDING)</small>	1 of 1

Roadway Design Steps

- 1) Begin at the Roadway Conditions Assessment and Resurfacing Schedule.
 - a. Evaluate roads based off both private and capital projects in the vicinity.
 - b. Evaluate roads based off deterioration levels since they were originally evaluated.
 - c. Select similar graded roads within close vicinity to each other to reduce mobilization overhead.
 - d. Select clustered roads in as many of the wards within the reasonable scheduled time.
 - e. Begin a cost estimate of roadways to ensure within budgetary bounds

Roadway Design Steps (continued)

- 2) Site Visit to evaluate selected roads to evaluate condition in person and select Geotechnical Coring and Boring locations.
 - a. 4" Core to Measure Thickness of Roadway
 - b. 5' Boring to evaluate base, subbase, subgrade, and water table.
- 3) CAD Technician creates alignments of Roadways.
 - a. Locations for Geotechnical Coring and Borings are labeled.
 - b. Notations are added to provide direction
- 4) Geotechnical Engineering
 - a. Proposal is provided based on alignments and prescriptive expectations.
- 5) Bid Documents are typically begun during this time.

Roadway Design Steps (continued)

6) Design

- a. Site Visit is made after completed Geotechnical Report is complete.
- b. A Visual inspection of the roadway is made while reviewing subsurface conditions described in Geotechnical Report.
- c. The most appropriate and cost-effective prescriptive resurfacing treatments are then selected.

7) CADD Technician finalizes drawings

8) Peer Review of Drawings

9) Bid Out



PCB - Roadway - Non-CRA

*Updated Roadway Condition

Panama City Beach, Florida

Approximate 21 Year Mill and Resurface Cost Summary

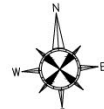
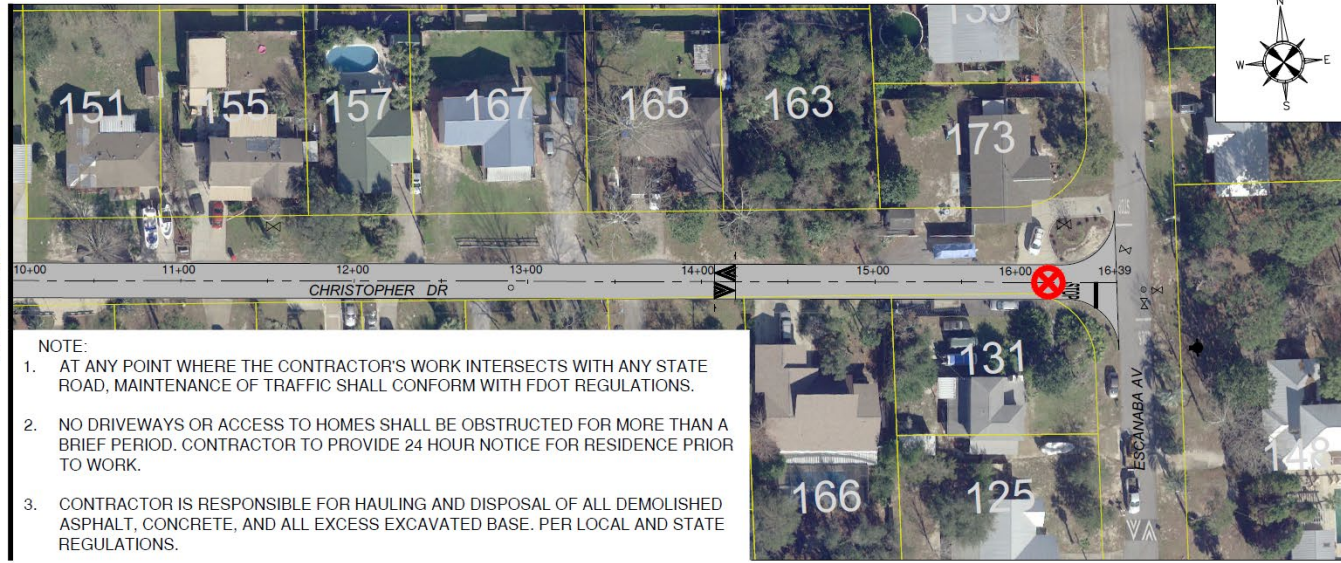
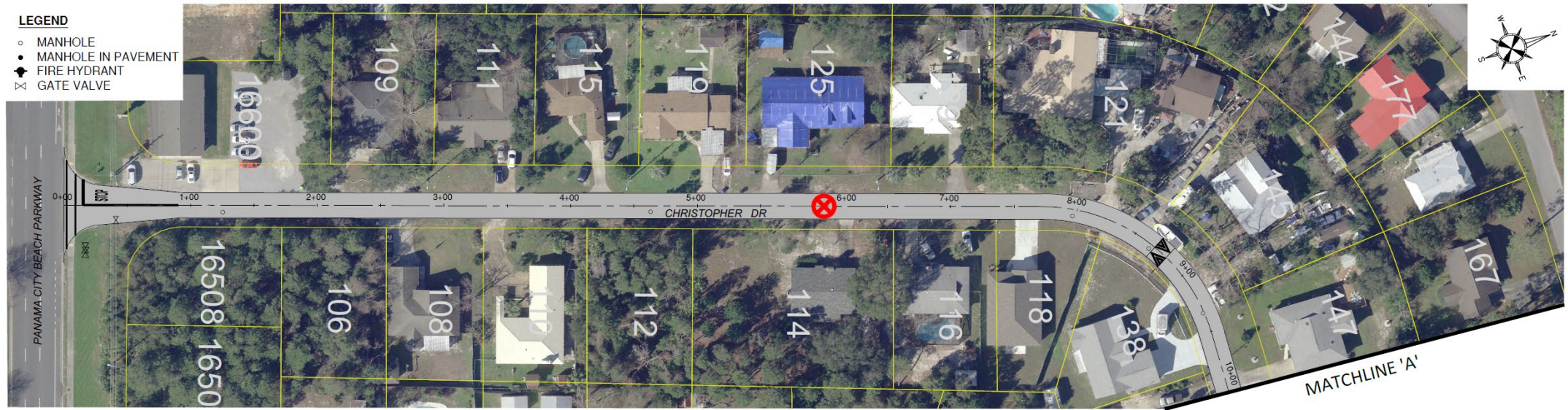
Year of Assessment: 2017

Conflict or FY	Street Name	Description	Roadway Condition (as applicable)			2023		Roadway Quantities			Mill and Resurface cost (\$/mile)	2023 Estimated Mill and Resurface Costs (\$/Street)
			Avg. Score	Grade	Rank	Priority Rank	Years (from present)	No. Lanes	Lane Miles	Lane Width Feet		
Large Private Dev.	GLADES TR (S)	From Hutchinson Boulevard to Tierra Verde Trail	4.4	D	183.0	63.0	7	2	0.45	10.00	\$ 262,614.01	\$ 119,000.00
	MIDDLEBURG DRIVE	From Brunswick Boulevard to Bainbridge Street	4.3	D	185.0	61.0	6	2	0.38	10.00	\$ 262,614.01	\$ 100,000.00
	ALF COLEMAN ROAD (N)	From Panama City Beach Parkway to northern limit	4.2	D	187.0	59.0	6	2	0.56	12.00	\$ 312,050.21	\$ 175,000.00
Utilities CI	BAY AVENUE	From Nautilus Street to Crane street	4.2	D	188.0	58.0	6	2	0.45	10.00	\$ 262,614.01	\$ 119,000.00
Stormwater CI	BRUNSWICK BLVD	From Pier Park Drive (N) to Bainbridge Street	4.2	D	189.0	57.0	6	2	0.34	11.00	\$ 287,332.11	\$ 98,000.00
Large Private Dev.	DEMENT CR	From Parkhill Circle to Henley Drive	4.2	D	190.0	56.0	6	2	0.09	9.00	\$ 237,895.91	\$ 22,000.00
2023 Cost Subtotal=											\$	633,000.00

Conflict or FY	Street Name	Description	Roadway Condition (as applicable)			2024		Roadway Quantities			Mill and Resurface cost (\$/mile)	2024 Estimated Mill and Resurface Costs (\$/Street)
			Avg. Score	Grade	Rank	Priority Rank	Years (from present)	No. Lanes	Lane Miles	Lane Width Feet		
CRA CI	INCA AV	From San Vicente Street to SR 79	4.8	D	168.0	78.0	8	2	0.07	11.00	\$ 287,332.11	\$ 21,000.00
TENT FY2022	SHADOW BAY DR	From Moonlight Bay Drive Colony Harbour Road	4.8	D	169.0	77.0	8	2	0.19	10.00	\$ 262,614.01	\$ 50,000.00
TENT FY2023	CARIBBEAN WAY	From Front Beach Road to Summer Breeze Road	4.6	D	171.0	75.0	8	2	0.23	11.00	\$ 287,332.11	\$ 67,000.00
TENT FY2023	DOGWOOD ST	From Hibiscus Street to Hutchinson Boulevard	4.6	D	172.0	74.0	8	2	0.19	11.00	\$ 287,332.11	\$ 55,000.00
TENT FY2022	ESCANABA AV	From PCB Pkwy to SR 79	4.6	D	173.0	73.0	7	2	0.75	9.00	\$ 237,895.91	\$ 179,000.00
Large Private Dev.	GLADES TR (N)	Fr Tierra Verde Trl to Hombre Cir and fr Hombre Cir to PCB PKWY	4.6	D	174.0	72.0	7	2	0.22	11.00	\$ 287,332.11	\$ 64,000.00
Stormwater CI	SURF DR	From 8711 Surf Dr. to Bonita Street	4.6	D	176.0	70.0	7	2	0.15	11.00	\$ 287,332.11	\$ 44,000.00
TENT FY2023	EDNA ST	From Beth Street to Fernwood Place	4.5	D	179.0	67.0	7	2	0.11	11.00	\$ 287,332.11	\$ 32,000.00
TENT FY2022	POINSETTIA DR	From Palm Avenue to Gulf Boulevard (E)	4.5	D	180.0	66.0	7	2	0.52	9.00	\$ 237,895.91	\$ 124,000.00
Utilities CI	ALBATROSS ST	From FBR to Crane	4.4	D	181.0	65.0	7	2	0.25	10.00	\$ 262,614.01	\$ 66,000.00
Utilities CI	DOLPHIN ST	From Front Beach Road to Pelican Avenue	4.4	D	182.0	64.0	7	2	0.22	10.00	\$ 262,614.01	\$ 58,000.00
2024 Cost Subtotal=											\$	760,000.00

LEGEND

- MANHOLE
- MANHOLE IN PAVEMENT
- ◆ FIRE HYDRANT
- ⊗ GATE VALVE



⊗ GEO-TECH CORE LOCATION

NOTE:
ASPHALT/CONCRETE PAVEMENT CORES WITH SUBSEQUENT 5-FOOT DEEP AUGER BORINGS.

* ASPHALT/CONCRETE PAVEMENT CORES WITH SUBSEQUENT 5-FOOT DEEP AUGER BORINGS. EVALUATE EXISTING PAVEMENT SECTION CONDITIONS AND RENDER A SUMMARY REPORT DENOTING THE MEASURED THICKNESS AND DENSITY OF EACH ASPHALT CORE AND THICKNESSES OF BASE MATERIALS AND DEPTH OF THE WATER TABLE ALONG WITH YOUR EVALUATIONS AND RECOMMENDATIONS WITH RESPECT TO RESURFACING AND/OR RECONSTRUCTION OF THE SUBJECT ROADWAYS.

* TWO-WAY TRAFFIC TO BE MAINTAINED OR FLAGMAN TO BE PROVIDED AT ALL TIMES.

NOTE:

1. AT ANY POINT WHERE THE CONTRACTOR'S WORK INTERSECTS WITH ANY STATE ROAD, MAINTENANCE OF TRAFFIC SHALL CONFORM WITH FDOT REGULATIONS.
2. NO DRIVEWAYS OR ACCESS TO HOMES SHALL BE OBSTRUCTED FOR MORE THAN A BRIEF PERIOD. CONTRACTOR TO PROVIDE 24 HOUR NOTICE FOR RESIDENCE PRIOR TO WORK.
3. CONTRACTOR IS RESPONSIBLE FOR HAULING AND DISPOSAL OF ALL DEMOLISHED ASPHALT, CONCRETE, AND ALL EXCESS EXCAVATED BASE. PER LOCAL AND STATE REGULATIONS.

NO.	DATE	BY	

DATE: 2-21-2020
 SCALE: 1"=80'
 DESIGNED BY: W.O.R.
 DRAWN BY: L.J.S.
 CHECKED BY: W.O.R.
 FILE NO: RD PAV 2020.dwg

CITY OF
PANAMA CITY BEACH

116 SOUTH ARNOLD ROAD PANAMA CITY BEACH, FLORIDA 32413

STREET RESURFACING PROJECT 2020

CHRISTOPHER DR

SHEET NUMBER
3

4" Asphalt Core



Core C-3 - Approximately 2-5/8 Inches of Asphaltic Concrete and 2 Inches of Sand
Asphalt Base



**TEST BORING
RECORD
C-3**

PROJECT NAME: FY2021 Existing Pavement Evaluation
 PROJECT NO.: 2020148 CLIENT: City of Panama City Beach
 PROJECT LOCATION: Panama City Beach, Florida
 LOCATION: See Boring Location Plan ELEVATION: Existing Grade
 DRILLED BY: K. Selle LOGGED BY: K. Selle
 DRILLING METHOD: Hand Auger DATE: 11/9/2020
 INITIAL GW DEPTH: ▽ GNE ESHGW DEPTH: ▽

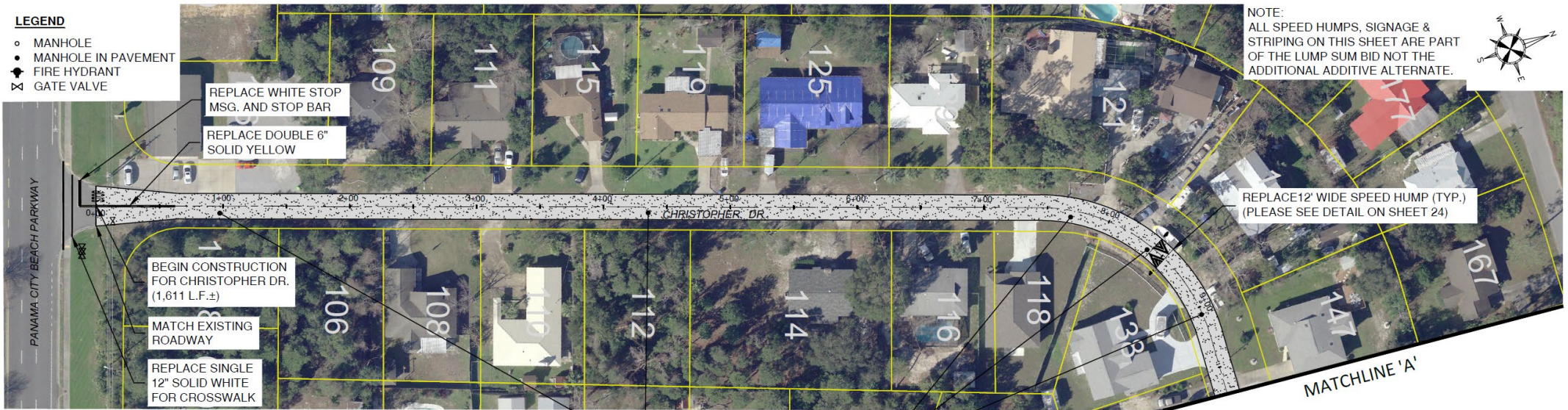
Depth (feet)	Elevation	Material Description	Graphic	Groundwater	Sample Type	N-Value	<ul style="list-style-type: none"> ● N-Value (Blows per Foot) ▲ Moisture Content (%) ◇ Organic Content (%) ■ Fines Content (%) 													
							10	20	30	40	50	60	70	80	90					
0		Approximately 2 1/2 Inches of Asphaltic Concrete																		
		Approximately 2 Inches of Sand-Asphalt Base																		
		Approximately 7 1/2 Inches of light grey/light orange clayey fine-grained SAND (SC)																		
		Light grey to light brown fine-grained SAND (SP)																		
5		Boring Terminated at 5 feet																		

This information pertains only to this boring and should not be interpreted as being indicative of the site.

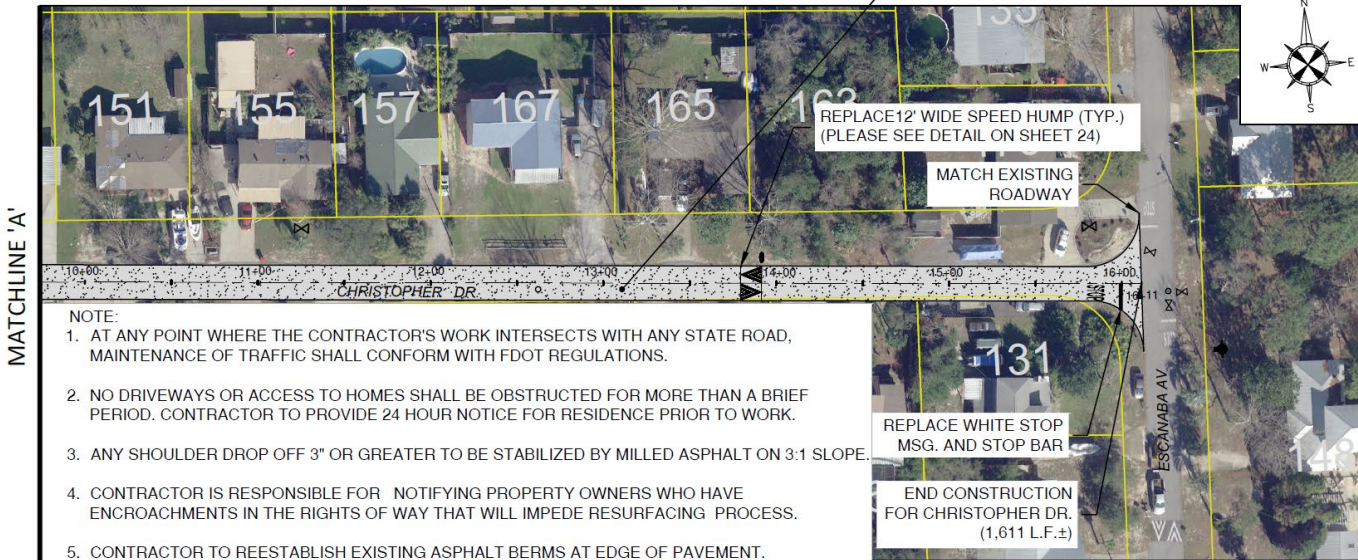
LEGEND

- MANHOLE
- MANHOLE IN PAVEMENT
- ◆ FIRE HYDRANT
- ⊗ GATE VALVE

NOTE:
ALL SPEED HUMPS, SIGNAGE & STRIPING ON THIS SHEET ARE PART OF THE LUMP SUM BID NOT THE ADDITIONAL ADDITIVE ALTERNATE.



ADJUST ALL MANHOLE COVERS, GATE VALVES, LIDS AND COLLARS IN PAVEMENT TO BE LEVEL W/ NEW PAVING.



MATCHLINE 'A'

NOTE:

1. AT ANY POINT WHERE THE CONTRACTOR'S WORK INTERSECTS WITH ANY STATE ROAD, MAINTENANCE OF TRAFFIC SHALL CONFORM WITH FDOT REGULATIONS.
2. NO DRIVEWAYS OR ACCESS TO HOMES SHALL BE OBSTRUCTED FOR MORE THAN A BRIEF PERIOD. CONTRACTOR TO PROVIDE 24 HOUR NOTICE FOR RESIDENCE PRIOR TO WORK.
3. ANY SHOULDER DROP OFF 3" OR GREATER TO BE STABILIZED BY MILLED ASPHALT ON 3:1 SLOPE.
4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING PROPERTY OWNERS WHO HAVE ENCROACHMENTS IN THE RIGHTS OF WAY THAT WILL IMPEDE RESURFACING PROCESS.
5. CONTRACTOR TO REESTABLISH EXISTING ASPHALT BERMS AT EDGE OF PAVEMENT.

NOTE:
MILL 1" THEN ASPHALT OVERLAY SHALL BE 1 1/4" MIN. OF SP 9.5 PER SPECS. AND LEVELING COURSE.

ADJUST ALL GATE VALVES AND MANHOLE COVERS IN PAVEMENT TO BE LEVEL W/ NEW PAVING.

ALL DRIVEWAYS ARE TO MATCH PROPOSED GRADES. IF NECESSARY ADD ASPHALT TO MAKE SMOOTH TRANSITION.

ALL QUANTITIES ARE PROVIDED FOR CONVENIENCE OF CONTRACTOR. QUANTITIES ARE NOT GUARANTEED TO BE ACCURATE & SHALL BE FIELD VERIFIED BY CONTRACTOR.

* TWO-WAY TRAFFIC TO BE MAINTAINED OR FLAGMAN TO BE PROVIDED AT ALL TIMES.

* TEMPORARY STRIPING - ALL STOP BARS & STOP MESSAGE TO BE PAINT. ALL ROADS TO BE TEMPORARILY STRIPED PRIOR TO OPENING ROAD TO TRAFFIC. ALL PERMANENT STRIPING TO BE THERMOPLASTIC.

SEE NOTES ON SHEETS 24 - 31 (DETAILS AND NOTES.)

NO.	DATE	BY	DATE:	12-10-2020
			SCALE:	1"=80'
			DESIGNED BY:	W.O.R.
			DRAWN BY:	L.J.S.
			CHECKED BY:	W.O.R.
			FILE NO:	RD PAV 2021.dwg

CITY OF
PANAMA CITY BEACH

116 SOUTH ARNOLD ROAD
PANAMA CITY BEACH, FLORIDA 32413

STREET RESURFACING PROJECT 2021

CHRISTOPHER DR

SHEET NUMBER
3

Resurfacing FY 2022

	Description	Geotech	Grade	Length	2017 Assessment	Current Market
West End to Summer Breeze					Estimate	Estimate
Sundial Street	From Front Beach Road to northern limit	Y	C	1683	\$85,000.00	\$112,200.00
Suntime	From Twilight Bay Drive to cul-de-sac	Y	C	397	\$35,000.00	\$46,200.00
East Gulf Highlands						
Escanaba Ave	From PCB Pkwy to SR 79	Y	D	3577	\$197,000.00	\$260,040.00
Half Acre Lane	From Panama City Beach Parkway to Escanaba Avenue	Y	C	1207	\$53,000.00	\$69,960.00
Lullwater						
Santo Thomas Dr	From Panama City Beach Parkway to Hernando Avenue	Y	C	1278	\$64,000.00	\$84,480.00
N. El Centro Blvd	From Panama City Beach Parkway to El Centro Boulevard (E)	Y	D	1321	\$60,000.00	\$79,200.00
San Gabriel St	From Castile Avenue to El Centro Boulevard (E)	Y	C	910	\$45,000.00	\$59,400.00
SKY AV	From western intersection with Lullwater Drive (E) to eastern limit	Y	C	900	\$41,000.00	\$54,120.00
HABANERO AV	From Lullwater Drive (E) to eastern Limits	Y	C	900	\$45,000.00	\$59,400.00
Open Sands						
Oleander Ct	From Gulf Boulevard (E) to cul-de-sac	Y	C	740	\$34,000.00	\$44,880.00
Poinsettia Drive	From Palm Avenue to Gulf Boulevard (E)	Y	D	2739	\$124,000.00	\$163,680.00
Poinsettia Ct	From Poinsettia Drive to cul-de-sac	Y	C	504	\$27,000.00	\$35,640.00
Hibiscus Avenue	From Oleander Circle to Gulf Boulevard (E)	Y	C	776	\$40,000.00	\$52,800.00
Colony Club						
Fairway Circle Extension	Rodway Connecting Nautilus Street to Colony Club				\$30,000.00	\$39,600.00
Sunset Circle	From Twilight Bay Drive to cul-de-sac	Y	C	642	\$35,000.00	\$46,200.00
Colony Bay Harbour Dr	From Colony Harbour Road to Shadow Bay Drive	Y	C	586	\$29,000.00	\$38,280.00
Colony Harbour Rd	From Moonlight Bay Drive to Shadow Bay Drive	Y	C	914	\$45,000.00	\$59,400.00
Shadow Bay Drive	From Moonlight Bay Drive Colony Harbour Road	Y	D	990	\$50,000.00	\$66,000.00
Bahama Beach						
Gardenia Street	From Panama City Beach Parkway to Hutchinson Boulevard	Y	C	2500	\$136,000.00	\$179,520.00
Fernwood Street	Agave Street to Hutchinson Boulevard	Y	D	1120	\$56,000.00	\$73,920.00

FY2022	Totals	26915	\$1,231,000.00	\$1,624,920.00
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FY2022	Total Lane Miles	10.20
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Resurfacing FY 2023

	Description	Geotech	Grade	Length	2017 Assessment	Current Market
West End to Summer Breeze					Estimate	Estimate
LYNN ST	From Vistavia Street to Sands Street		B	442	\$27,500.00	\$36,300.00
CATHY PL	From Lynn Street to southern limit		C	566	\$29,000.00	\$38,280.00
SANDS ST	From Front Beach Road to northern limit		C	1166	\$58,000.00	\$76,560.00
Commerce Park						
ASHLEY DR	From Panama City Beach Parkway to eastern cul-de-sac		C	5650	\$334,000.00	\$440,880.00
Summer Breeze						
CARIBBEAN WAY	From Front Beach Road to Summer Breeze Road		D	1214	\$67,000.00	\$88,440.00
West Gulf Highlands						
MANISTEE DR	From Panama City Beach Parkway to Burnham Avenue	Y	C	3220	\$146,000.00	\$192,720.00
Lullwater						
CASTILE AVE	From mSanto Thomas Street to Habanaro Ave		C	1275	\$55,000.00	\$72,600.00
CASTILE CR	From Castile Avenue to Lullwater Drive (E)		C	316	\$15,000.00	\$19,800.00
LAKESIDE CR	From Lullwater Drive to Castile Avenue		C	1108	\$56,000.00	\$73,920.00
VILLA CT	From Castile Avenue to cul-de-sac		C	264	\$14,000.00	\$18,480.00
Summerwood						
WOODTRAIL DR	From Summerwood Drive to Summerwood Drive		C	1109	\$56,000.00	\$73,920.00
WINDRIDGE LN	From north to south cul-de-sacs, Located off of Woodtrail Drive		C	686	\$38,000.00	\$50,160.00
SANDALWOOD LN	Intersection of Woodtrail Dr. & Sandalwood Lane		C	1109	\$61,000.00	\$80,520.00
LOBLOLLY CT	From Summerwood Drive to cul-de-sac		C	317	\$18,000.00	\$23,760.00
Bahama Beach						
Petunia Street	San Vincente Street to Santo Thomas Street	Y	C	2181	\$108,000.00	\$142,560.00
Evergreen Street	From Panama City Beach Parkway to Agave Street	Y	C	1422	\$78,000.00	\$102,960.00
Dogwood Street	From Hibiscus Street to Hutchinson Boulevard	Y	D	729	\$55,000.00	\$72,600.00
Edna Street	From Beth Street to Fernwood Place	Y	D	605	\$32,000.00	\$42,240.00
Fernwood Place	From Edna Street to Cul-de-Sac	Y	C	475	\$26,000.00	\$31,720.00

FY2023	Totals	18442	\$1,273,500.00	\$1,678,420.00
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FY2023	Total Lane Miles	6.99
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Combined Total of FY 2022 and FY 2022	Total Lane Miles	17.18	\$2,504,500.00	\$3,303,340.00
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Questions?

Street Resurfacing
FY 2022 & FY 2023

