



Town of Belleair

901 Ponce de Leon Blvd.
Belleair, FL 33756

Meeting Agenda Town Commission

Tuesday, April 20, 2021

6:00 PM

Town Hall

Welcome. We are glad to have you join us. If you wish to speak, please use the “raise hand” function and wait to be recognized. If you are attending by phone, dial *9 and you will be called by the last 4 digits of your phone number. Each person will be given 3 minutes to speak, you will need to unmute yourself in order to be heard.

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/82864830859>

Or Telephone:

Dial(for higher quality, dial a number based on your current location):

US: +1 646 558 8656 or +1 301 715 8592 or +1 312 626 6799 or +1 669 900 9128 or +1 253

215 8782 or +1 346 248 7799 Dial *9 to "raise hand"

Webinar ID: 828 6483 0859

PLEDGE OF ALLEGIANCE

COMMISSIONER ROLL CALL

SCHEDULED PUBLIC HEARINGS

Persons are advised that, if they decide to appeal any decision made at this meeting/hearing, they will need a record of the proceedings, and, for such purposes, they may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

[21-0101](#) Variance Request - 628 Pineland Ave

Attachments:

[628 Pineland Map.pdf](#)

[628 Compact Card.pdf](#)

[628 Pineland Variance App](#)

[NTA - 628 Pineland](#)

[628 Pineland Ave 3.2.20.pdf](#)

[628 Pineland Overlay With Proposed structure.pdf](#)

[628 Pineland Project Overlay without proposed structure.pdf](#)

[21-0102](#) Variance Request - 1050 Ponce de Leon Blvd

Attachments: [PUBLIC HEARING.pdf](#)
[1050.pdf](#)
[1050 Map.pdf](#)
[1050 Ponce Variance App](#)
[NTA - 1050 Ponce](#)
[Variance Staff Report for 1050 Ponce De Leon Blvd.pdf](#)
[1050PDL.pdf](#)

CITIZENS COMMENTS

(Discussion of items not on the agenda. Each speaker will be allowed 3 minutes to speak.)

CONSENT AGENDA

[21-0105](#) Approval of April 6, 2021 Regular Meeting Minutes

Attachments: [RM - 04-06-2021](#)

[21-0098](#) Arbor Day Proclamation

Attachments: [Arbor Day 2021](#)

[21-0103](#) Proclaiming May 3-7, 2021 as Teacher Appreciation Week

Attachments: [Proc Request](#)
[Teacher Appreciation Week 2021](#)

GENERAL AGENDA

[21-0104](#) Presentation Thanking Sydney Wall from Girl Scout Troop 60925

[21-0097](#) Resolution 2021-09 - Thanking Ms. Mary Griffith

Attachments: [2021-09 Thanking Ms. Mary Griffith](#)

[21-0100](#) Discussion of Driveways and Pavers

Attachments: [Carroll Request](#)
[Indemnification Agreement.pdf](#)
[PCSIDEWALK DETAIL.pdf](#)

[21-0106](#) Approval of Professional Engineering Services for Indian Rocks Road Phase 1 (from Mehlenbacher Road to north of Poinsettia Road) by RS&H

Attachments: [Indian Rocks Rd PH 1 RS&H Design Proposed Fee 041521](#)
[Indian Rocks Rd PH 1 RS&H Design Scope of Services 041521](#)

[21-0107](#) Discussion and approval of Purchase of Pedestrian Signage and Beacons from Tapco.

Attachments: [kmlmap.pdf](#)
[page0010.pdf](#)
[EST-004298.pdf](#)
[PDF.pdf](#)

[21-0109](#) Discussion of Advisory Boards

STAFF REPORTS

TOWN MANAGER'S REPORT

TOWN ATTORNEY'S REPORT

MAYOR AND COMMISSIONERS' REPORT/BOARD AND COMMITTEE REPORTS

OTHER BUSINESS

ADJOURNMENT

ANY PERSON WITH A DISABILITY REQUIRING REASONABLE ACCOMMODATIONS IN ORDER TO PARTICIPATE IN THIS MEETING, SHOULD CALL (727) 588-3769 OR FAX A WRITTEN REQUEST TO (727) 588-3767.



Legislation Details (With Text)

File #: 21-0101 **Version:** 1 **Name:**
Type: Action Item **Status:** Public Hearing
File created: 4/13/2021 **In control:** Town Commission
On agenda: 4/20/2021 **Final action:**
Title: Variance Request - 628 Pineland Ave
Sponsors:
Indexes:
Code sections:
Attachments: [628 Pineland Map.pdf](#)
[628 Compact Card.pdf](#)
[628 Pineland Variance App](#)
[NTA - 628 Pineland](#)
[628 Pineland Ave 3.2.20.pdf](#)
[628 Pineland Overlay With Proposed structure.pdf](#)
[628 Pineland Project Overlay without proposed structure.pdf](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

Summary

To: Mayor and Commissioners
From: Town Staff
Date: 4/13/2021

Subject:

Variance Request - 628 Pineland Ave

Summary:

The Planning and Zoning Board met on this request on Monday, April 12th. Based on board comments and discussion, the applicant has decided to revise the project design. The board continued the item until May 10th 2021 to allow the applicant time to make revisions.

Applicant is requesting a variance which would allow for the construction of a proposed garage addition. The addition would encroach into the required minimum 25' foot front yard setback by approximately 20' feet 2" inches, resulting in a 4' foot 8" inch front yard setback. Site plan is included in application materials.

Previous Commission Action: N/A

Background/Problem Discussion: N/A

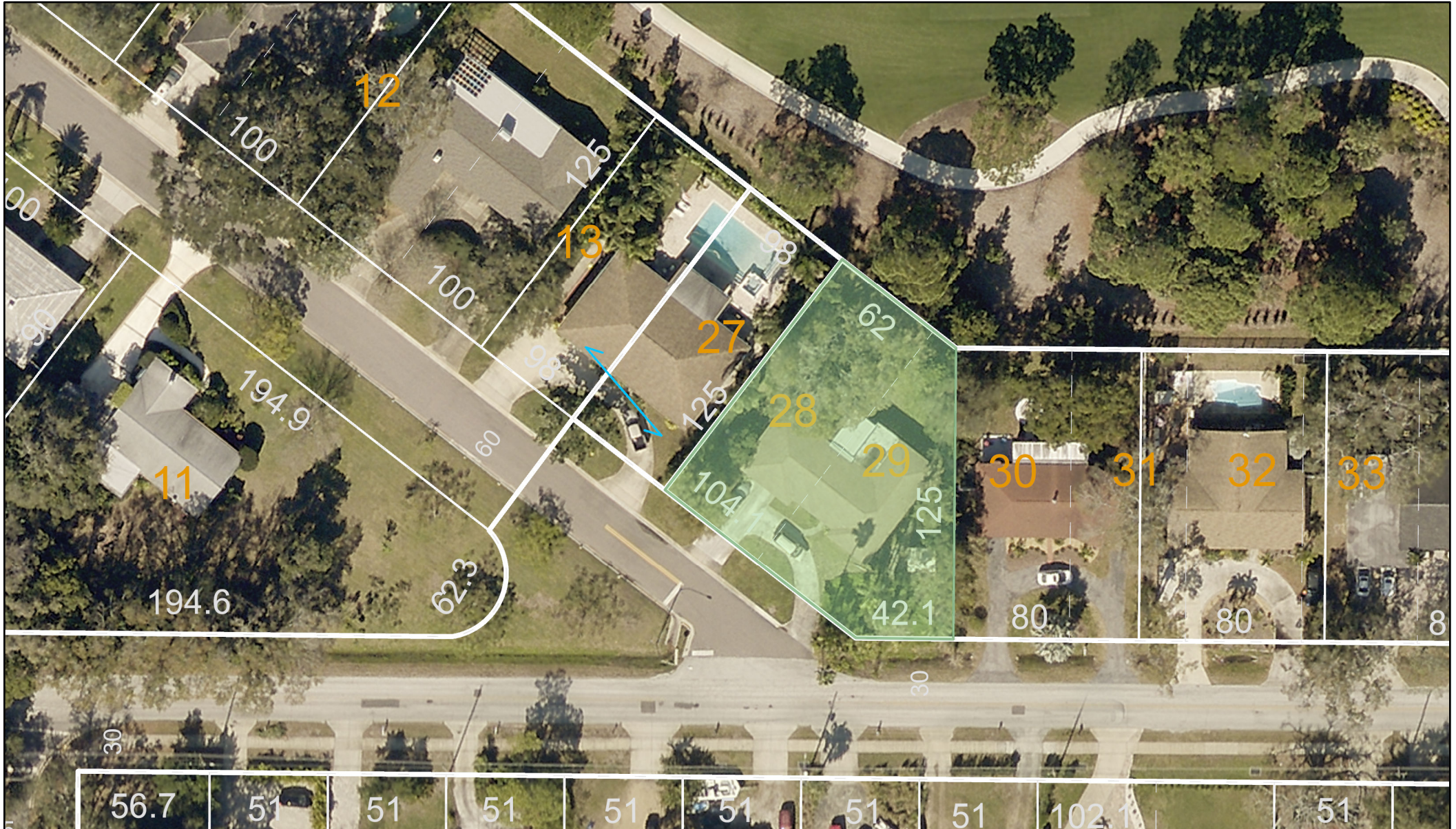
Expenditure Challenges N/A

Financial Implications: N/A

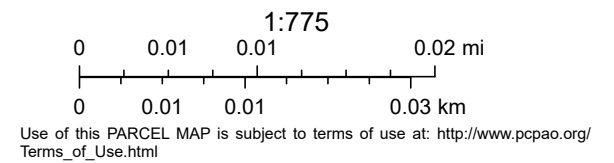
Recommendation: Staff recommends to continue item to a date certain.

Proposed Motion Move to continue the variance request for 628 Pineland Ave to May 18th 2021.

628 Pineland Ave



April 8, 2021



Map Id: 2306.0 1.00 1.00 1.00 Area 23 Neb 06

| BUILDING CHARACTERISTICS | | | | 0110 Single Family Home | | | | | | | | | | | | | | | ** VALUE SUBJECT TO CHANGE ** | | | | | | | | | | | | | | | Pinellas County Property Appraiser Office | | | | | BL |
|--------------------------|--------------|-------------|----------|-------------------------|---------------|-----|--------|-----|-------|--------|--------|-------|--------|----------|-------|------|-------------------|------|-------------------------------|-------|------------|-----------------|-----------|------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|----|
| QUALITY | | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CATEGORY | TYPE | | % | PTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOUNDATIO | 2CONTINUOUS | | 100 | 3.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOOR | 1SLAB ON | | 100 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXTERIOR | 5CB | | 100 | 27.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROOF | 1GABLE OR | | 100 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROOF | 3SHINGLE | | 100 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOOR | 3CARPET/HARD | | 100 | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERIOR | 2DRYWALL/PLA | | 100 | 33.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEATING | 6CENTRAL | | 100 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COOLING | COOLING | | 100 | 3.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CATEGORY | | | | UNITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STORIES | | | | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIXTURES | | | | 9.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIVING UNITS | | | | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL LIVING UNITS | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEPRECIATION ADJ | | | | ADJ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXTERNAL OBSOLESCENCE | | | | 0.0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEIGHBORHOOD | | | | 0.0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXTERNAL OBSOLESCENCE | | | | 0.0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYPE | | QU | | HX/NHX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | | 02 | | 0.00% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RCND | | YB | | EA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 124043 | | 1957 | | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAR | | AREA | | % B | EFF. AREA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPU | | 240 | | 20 | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPF | | 24 | | 20 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BSF | | 240 | | 80 | 192 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BSF | | 594 | | 80 | 475 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAS | | 1,370 | | 100 | 1,370 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2,468 | | | | 2,090 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TAXING DISTRICT | | | | BL | JUST VALUE/SF | | 113.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUILDING: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | OFFICIAL | | OFFICIAL | | DATE OF | | INSTR | | Q | V | REASON | | SALES | | M | | SELLER | | BUYER | | SALES NOTE | | | | | | | | | | | | | | | | | | |
| N | BOOK | | PAGE | | SALE | | | | U | I | | | PRICE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 14027 | | 1295 | | 12/28/2004 | | DD | | Q | I | | | 312000 | | N | | KNEWITZ JON D | | FELDMAN, JEFFREY | | | | | | | | | | | | | | | | | | | | |
| 2 | 11990 | | 1789 | | 05/07/2002 | | DD | | Q | I | | | 219000 | | N | | RAFFERTY CURTIS S | | KNEWITZ, JOCHEN D | | | | | | | | | | | | | | | | | | | | |
| 3 | 09840 | | 0072 | | 09/15/1997 | | DD | | U | I | B | | 100 | | N | | RAFFERTY CURTIS S | | RAFFERTY, CURTIS S | | | | | | | | | | | | | | | | | | | | |
| 4 | 09420 | | 1241 | | 08/01/1996 | | DD | | Q | I | | | 138000 | | N | | NOON SHERRY L | | RAFFERTY, CURTIS S. | | | | | | | | | | | | | | | | | | | | |
| L | EXTRA | DESCRIPTION | | BD | HX/ | LEN | | WID | | UNITS | | UNIT | | ADJ UNIT | | BLT | EFF | % | | XF | | NOTES | | | | | | | | | | | | | | | | | |
| N | FEATURE | | | | NHX | | | | | | | VALUE | | VALUE | | YEAR | AGE | GOOD | | VALUE | | | | | | | | | | | | | | | | | | | |
| 1 | 0701 | SHED | | | 0.0 | 0 | | 0 | | 120.00 | | 6.00 | | 6.00 | | 2004 | 16 | 2004 | | 100 | | 720 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | L | USE | LAND USE | | HX/ | R | FRONT | | DEPTH | FF | FRNT | UT | | D | DEPTH | SIZE | INFLUENCE | | UNIT | | ADJ UNIT | LAND | OTHER ADJ | | | | | | | | | | | | | | | | |
| T | N | CODE | DSCR | | NHX | D | | | | T | FT | TP | | T | FACT | FACT | DESCRIPTION | | VALUE | | VALUE | VALUE | AND NOTES | | | | | | | | | | | | | | | | |
| C | 1 | 01 | SINGLE | | 0.0 | | 88.60 | | 125.0 | 100 | 100.00 | FF | | 130 | 0.99 | 0.90 | | | 2,300.00 | | 2,049.30 | 181,568 | 19 UT LV | | | | | | | | | | | | | | | | |
| NOTES | | | | | | | | | | | | | | | | | | | | | | APPRaisal DATES | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | REVIEW DATE | | 12/31/2019 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | FIELD NUMBER | | 243 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | REVIEW TYPE | | Oblique | | | | | | | | | | | | | | | |



**TOWN OF BELLEAIR
BUILDING DEPARTMENT
901 Ponce de Leon Blvd.
Belleair, Florida 33756-1096
Phone: (727) 588-3769 ext. 215
Fax: (727) 588-3768**

MEMORANDUM

DATE: February 19, 2021
TO: Mayor and Commissioners
FROM: J.P. Murphy, Town Manager
SUBJECT: Request for Variance –
Parcel No. 28-29-15-06732-041-0280

Property Owner: Melissa Hoglund
628 Pineland Ave
Belleair, Florida 33756

The following information is regarding the above referenced variance request.

- I. Existing conditions of land and structure(s):
 - A. Zoning designations: R-1 Single Family Residential
 - B. Original Construction date:
 - 1957
 - C. Structural and other improvements to date:
 - 2021-Interior renovation
 - D. Existing Easements: None shown on plans

II. Proposed request:

The applicant is requesting a variance, which would allow for the construction of a proposed garage addition. The addition would encroach into the required minimum 25 foot front yard setback by approximately 20 feet 2 inches, resulting in 4 foot 8 inch front yard setback. Please see site plan.



TOWN OF BELLEAIR

901 Ponce de Leon Blvd.

Belleair, Florida 33756-1096

Phone: (727) 588-3769 ext. 215

Fax: (727) 588-3768

RECEIVED
BELLAIR BLDG. DEPT.

FEB 19 2021

TIME REC. _____

DATE 2/18/2021

To the Town Commission of the Town of Belleair, Florida

1. The undersigned, Melissa Hoglund, owner of Lot 28 and 29
Block 41, Subdivision Belleair Estates, property
Commission of the Town of Belleair for a variance on the above-described property.
2. The property is presently zoned residential.
3. The present land use on the property is residential.
4. The decision involves Article II Section 74-113 of the Belleair Land
Development Code.
5. The Commissions power arises under Article V, Section 66.253 of the Belleair Land Development
Code.
6. The Relief prayed by the applicant is: ability to construct new garage within building setbacks.
existing driveway to be reoriented for safety reasons.
7. The Justification for the request is (requests for the variances must demonstrate the practical
difficulty or unnecessary hardship which justifies the variance): unsafe condition with proximity
of driveway to intersection of Pineland and Mehlenbacher. layout will create home in-line with overall
character of the neighborhood. shape of lot creates unnecessary hardship for new structure.
8. Attached is a non-refundable fee to defray expenses incurred by the Town of Belleair in processing
this application. (** Note: All costs incurred by the Town of Belleair, above and beyond the
variance application fee, will be the responsibility of the applicant regardless of approval or denial
of the request**)
9. I am aware that this request will be voided should I or my representative fail to appear at the public
hearings scheduled to consider this request.
10. I am aware that any variance that may be granted will automatically expire twelve months after
approval by the Town Commission unless a building permit id produced from the Town with
respect to the improvements contemplated by this application for variance within said twelve
month period unless the construction of said improvements is promptly commenced pursuant to
the building permit and diligently pursued to completion thereafter.

FEE: \$300.00

Paid: _____

Melissa Hoglund

Owner

628 Pineland Avenue

Address

407.493.3469

Telephone Number



BELLEAIR BUILDING DEPARTMENT
901 PONCE DE LEON BLVD.
BELLEAIR, FL 33756
(727) 588-3775
WWW.TOWNOFBELLAIR.COM/BUILDING

VARIANCE APPLICATION CHECK-OFF SHEET

Application shall be fully completed and must include the following information

Owner's Name: Melissa Hoglund
Owner's Mailing Address: 628 Pineland Avenue
Property Address: 628 Pineland Avenue
Phone Number: 407.493.3469
Representative's Name (if any): none
Representative's Address (if any): NA
Representative's Phone Number (if any): NA
Date of Original Construction: 1957
Impervious Cover: proposed addition of 484 sq ft
Flood Zone and Elevation: X

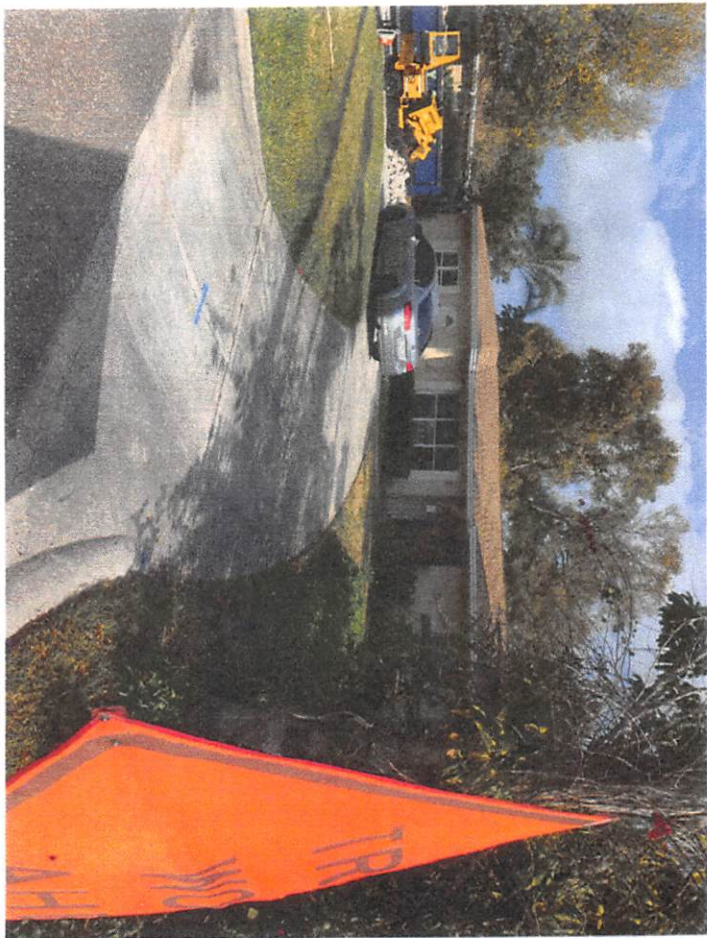
REQUIRED INFORMATION - PROVIDE (10) COPIES EACH

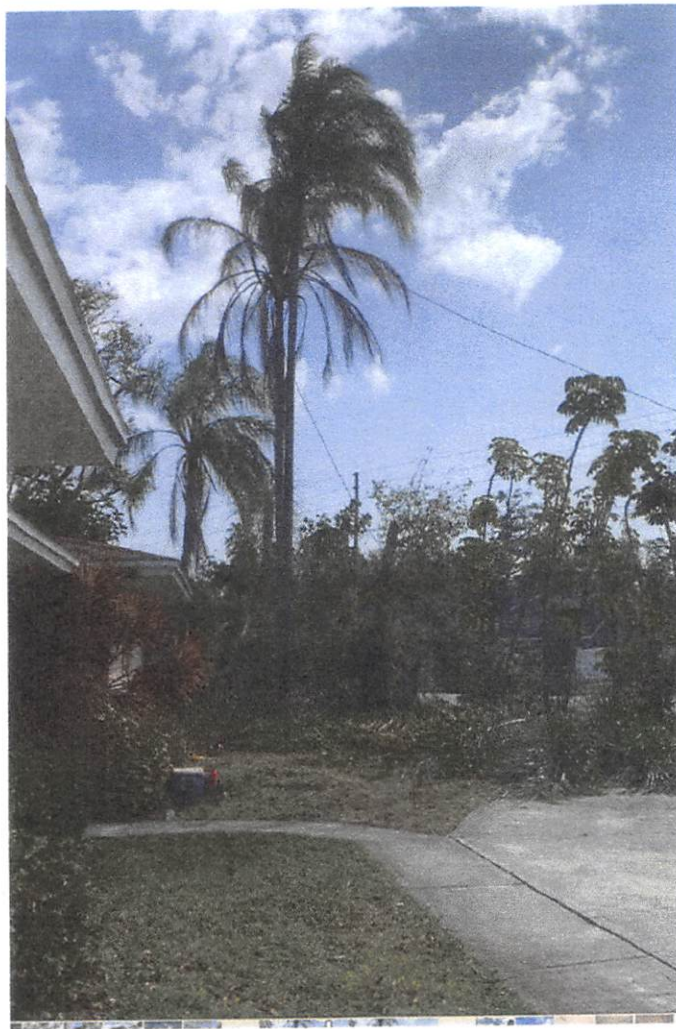
- ☒ Plans/Specs/Product Brochure
- ☒ Photos of the area (straight/right angle/left angle)
- ☒ Survey with setbacks shown
- ☒ Site plan with setbacks shown

TOWN REVIEW

| | <u>ZONING</u> | <u>PUB.WK</u> | <u>FIRE</u> | <u>BULD.</u> | <u>MRG.</u> |
|----------------|---------------|---------------|-------------|--------------|-------------|
| Date Sent: | _____ | _____ | _____ | _____ | _____ |
| Date Returned: | _____ | _____ | _____ | _____ | _____ |







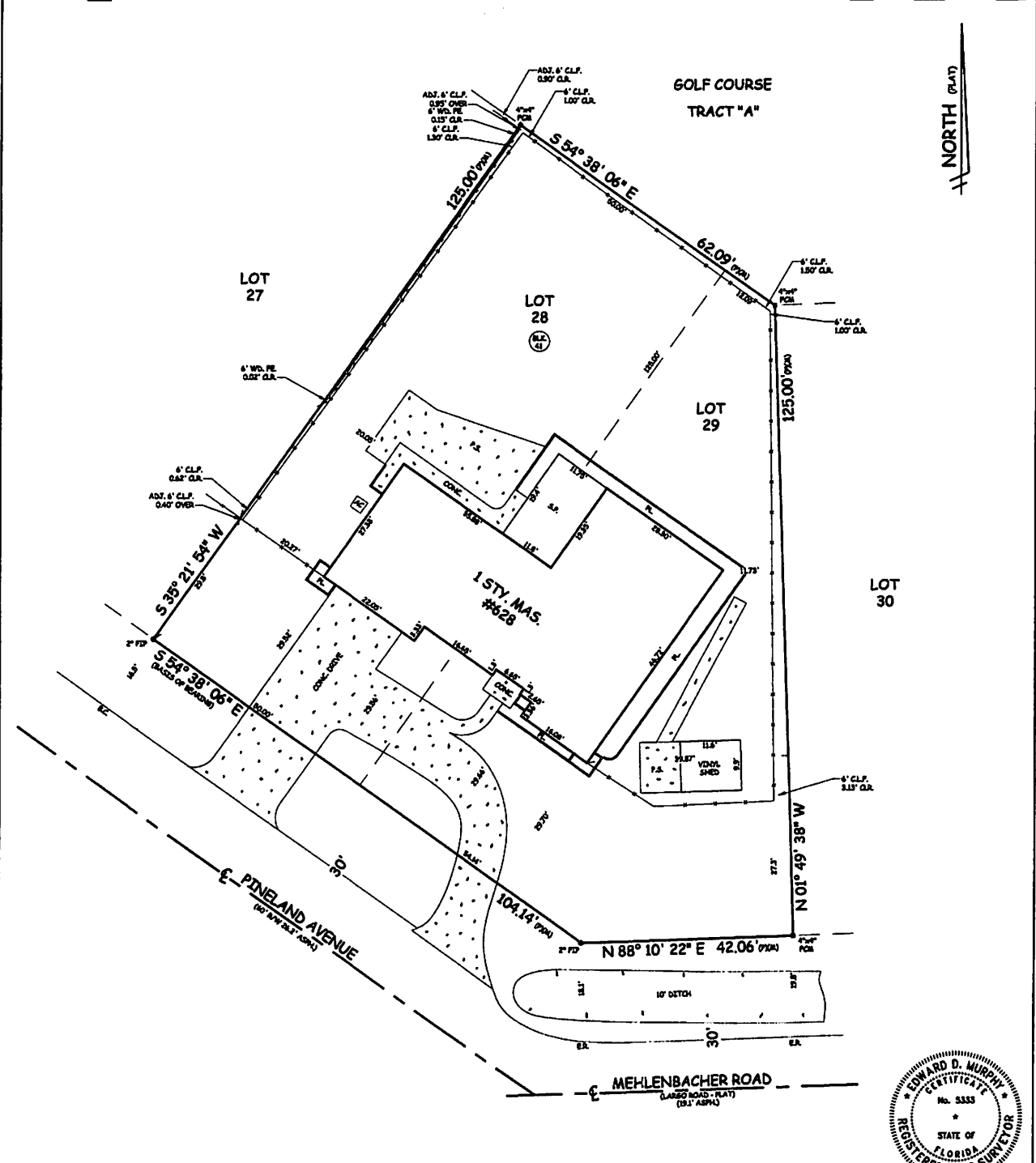
JOB NO.: 202173
DRAWN BY: MRB
CHECKED BY: EDM
DATE OF FIELD WORK: 1/08/2021

MURPHY'S LAND SURVEYING, INC.
PROFESSIONAL LAND SURVEYORS
5760 11TH AVENUE NORTH
ST. PETERSBURG, FLORIDA 33710
WWW.MURPHYSLANDSURVEYING.COM

L.B. #7410
PH. (727) 347-8740
FAX (727) 344-4840

CERTIFIED TO: Melissa Hoglund
PNC Bank, N.A.
Fidelity National Title of Florida, Inc.
Fidelity National Title Insurance Company

SCALE: 1" = 20' Survey not valid for more than one (1) year from date of field work. SEC. 28 TWP. 29 S. RGE. 15 E.



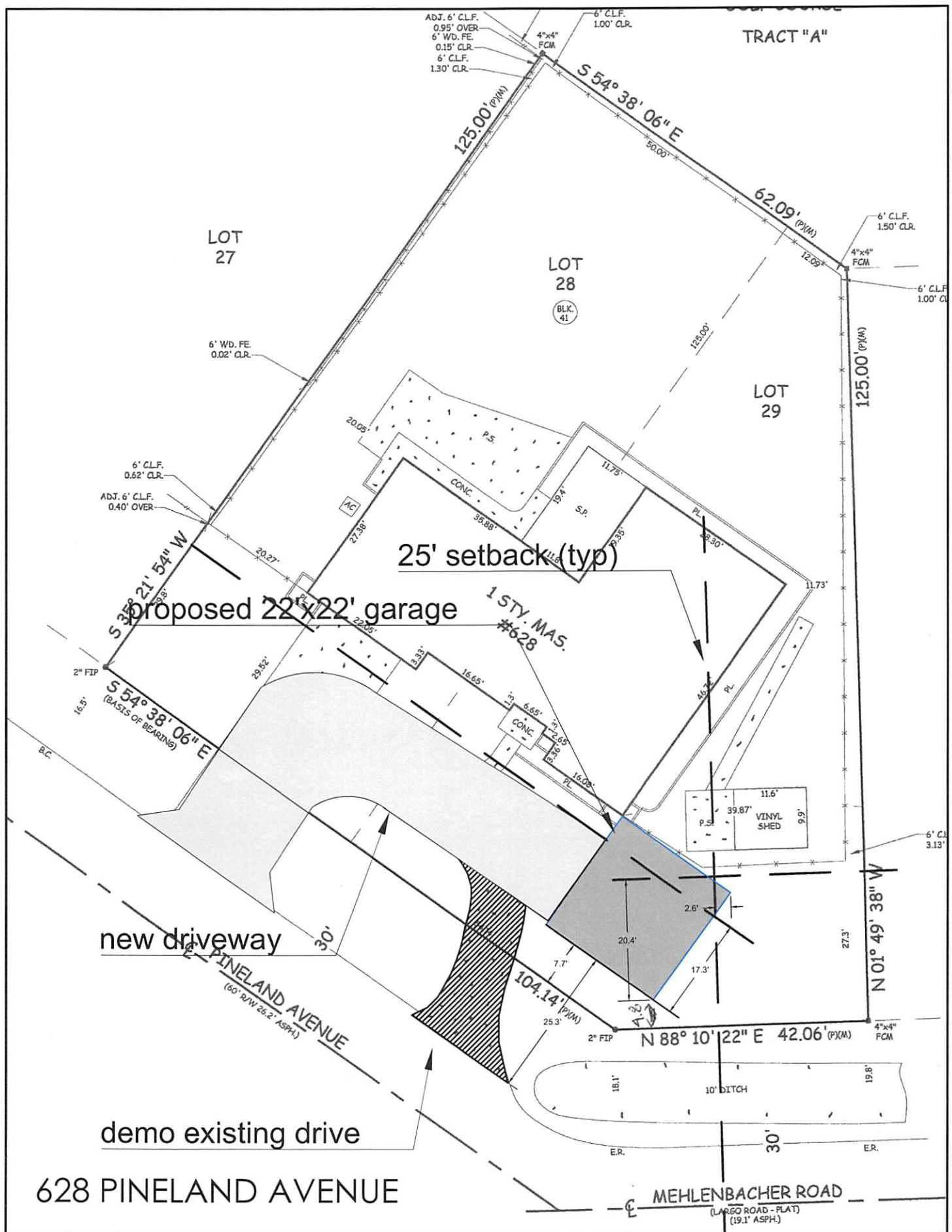
A BOUNDARY SURVEY OF: Lots 28 and 29, Block 41, BELLEAIR ESTATES, as recorded in Plat Book 18, Pages 52 - 57 of the Public Records of Pinellas County, Florida.

According to the maps prepared by the U.S. Department of Homeland Security, this property appears to be located in
Flood zone: X Comm. Panel No.: 125088 0116 H Map Date: 5/17/05 Base Flood Elev.: NA

FOR THE EXCLUSIVE USE OF THE PERSON PARTY(IES), I HEREBY CERTIFY TO ITS ACCURACY (EXCEPT SUCH BASEMENTS, IF ANY, THAT MAY BE LOCATED BELOW THE SURFACE OF THE LANDS, OR ON THE SURFACE OF THE LANDS AND NOT VISIBLE, AND THAT THE SURVEY REPRESENTED HEREON MEETS THE MINIMUM REQUIREMENTS OF CHAPTER 14-17, FLORIDA ADMINISTRATIVE CODE TO THE BEST OF MY KNOWLEDGE AND BELIEF, UNDERGROUND FOUNDATIONS AND/OR IMPROVEMENTS, IF ANY, ARE NOT SHOWN AND OTHER RESTRICTIONS AFFECTING THIS PROPERTY MAY EXIST IN THE PUBLIC RECORDS OF THIS COUNTY. THIS SURVEY HAS BEEN DONE WITHOUT THE BENEFIT OF REVIEWING A CURRENT TITLE SEARCH. SURVEY NOT VALID FOR MORE THAN ONE YEAR FROM DATE OF FIELD WORK AND NOT VALID UNLESS EMBOSSED WITH SURVEYOR'S SEAL, BEARINGS SHOWN ARE BASED ON PLAT, UNLESS OTHERWISE NOTED.



- | | | | | | | |
|---|--|---|--|--|--|--|
| LEGEND: F.I.P. - FOUND IRON PIPE F.C.M. - FOUND CONCRETE MONUMENT F.I.R. - FOUND IRON ROD S.I.R. - SET IRON ROD 1/2" LB #1415 P.C.L. - POINT OF CURVATURE P.C.C. - POINT OF COMPOUND CURVATURE P.F.L. - FINISHED FLOOR ELEVATION P.R.M. - PERMANENT REFERENCE MONUMENT N.A.V.D. - NORTH AMERICAN VERTICAL DATUM OF 1989 | PD. - POUND H.A.D. - HAIL AND DISK P.O.L. - POINT ON LINE P.T. - POINT OF TANGENCY P.I. - POINT OF INTERSECTION J.C.M. - JUNCTION P.E. - PEG C.L.F. - CHAIN LINK FENCE A.F. - ADJACENT FENCE A.D. - ADJACENT | R. - RADIUS A. - ARC C. - CHORD D. - DELTA R.W. - RIGHT OF WAY M.S. - MAINTENANCE P.M. - PAVEMENT G.L. - GRADE C.B. - CATCH BASIN P.H. - FIRE HYDRANT | M.B. - METAL BIRD A.L. - ALLUMINUM W.H. - WATER HEATER P.S. - PATIO STONE C.P. - CARPORT P.L. - PLANTER G.C. - BACK OF CURB S.P. - EDGE OF PAVEMENT E.R. - EDGE OF ROAD E.O.W. - EDGE OF WATER T.O.B. - TOP OF BANK | W.W. - WIND WALL G. - CENTERLINE R.W. - RIGHT OF WAY (P) - PLAT (C) - CALCULATION (D) - DEED (M) - MEASURED N. - NORTH S. - SOUTH E. - EAST W. - WEST | ESMT. - EASEMENT B.M. - BENCHMARK C.C. - CONCRETE C.L. - CLEAR C.C. - COLUMN W.D. - WOOD B.L. - BLOCK B.W. - BRICK WALL A.S.P. - ASPHALT U.T. - UTILITY D.R. - DRAINAGE | O.H. - OVERHEAD G.R. - GARAGE C.M. - COVERED WOOD C.P.S. - COVERED PATIO STONE C.C. - COVERED CONCRETE A.C. - AIR CONDITIONER S.P. - SCREENED PORCH P.P. - OVERHEAD POWER LINES T.T. - OVERHEAD TELEPHONE LINES P.P. - POWER POLE L.P. - LIGHT POLE |
|---|--|---|--|--|--|--|





February 19, 2021

Mr. Greg Lauda, Town Of Belleair

Mr. Lauda,

We have lived in this beautiful Town of Belleair since 1998. We absolutely love this Mayberry RFD community, it's government, it's residence, etc. It is always nice to see the town grow and proud that people moving into Belleair are putting money into enhancing their homes and the area.

Melissa Hoglund recently purchased the home at 628 Pineland Avenue, next door to ours at 624. She is already putting a lot of effort and money into making this a beautiful home. If you have not driven by, she is gutting the house, and starting all over. One of the first things she did, was clean up the overgrown yard. This property has been a rental since 2004. We have had nightmare tenants; and the owner did not care what the outside looked like, nor the tenants behavior. It has never looked like a property that belonged in Belleair. These initial improvements are genuine and well founded in Belleair principles.

I was approached by Melissa not long after she began renovations on the house. She asked if we would mind her moving the garage to the opposite end. I thought it was a brilliant idea. Her plans are to landscape and make the corner much safer.

The entire street of Pineland has been to several meetings to complain about the hazards of that corner. Traffic coming off Mehlenbacher onto Pineland does not slow down, and has nearly run us over many times. I believe allowing a garage on that end of the house would certainly be a huge Plus for her safety.

We are absolutely thrilled at the thought of Melissa doing anything to improve the house. Please grant the necessary permission to Ms Hoglund to keep "Belleair Beautiful".

Phillip Wyllie & Irene Rue Wyllie

Dear Mr. Lauda,

My name is Scott Wallace and I am the homeowner and resident of 632 Mehlenbacher Rd. I am writing on behalf of the Hoglunds at 628 Pineland in regards to their desire to add a garage to their property.

In the few weeks the Hoglunds have owned the property, they have made drastic improvements. They have cleared out plants in front and on the side of the property to help the views, and started to redo the interior. They are also working with me to extend our neighboring fence line and plant a more desirable beam that would be visible off Mehlenbacher. I have no doubts that everything they envision will help the property values and the visuals of our corner of Bellair! Adding a garage should not only help the Hoglunds but also all the properties around them. Thank you for your time!

Peace and blessings,

Scott Wallace

To whom it may concern

I understand that Melissa Hoglund who bought the property located at 628 Pineland, would like to build a garage on her property. Considering what the property used to look like I can only think this would be an improvement & should NOT be a problem with anyone.

Sincerely

Sharon Johnston

634 Mehlenbacher Road

Belleair, FL



RECEIVED
APR 01 2021

NOTICE OF APPEARANCE

I, Melissa G. Hoglund, (individual or corporate representative), hereby file and serve notice of my appearance/lawyer or other appropriate representative's appearance, to present testimony and/or cross examine other witnesses at the quasi-judicial hearings to be held on: Monday, April 12, 2021 at 5:30 P.M. - Planning and Zoning Board and Tuesday, April 20, 2021 at 6:00 P.M. - Town Commission

I understand that upon filing this Notice of Appearance, I shall be considered a participant in the hearing, subject to a determination of standing if challenged.

Address of variance property 628 Pineland Ave, Belleair, FL

Name: Melissa Hoglund
(Please Print)
Address: 628 Pineland Ave
Belleair, FL 33756

Please complete and submit this form if you are planning on attending IN PERSON.
Comments can be submitted by email or through virtual participation as outlined in the public hearing notice.



Report Date: 4/8/2021

Planning & Zoning Hearing Date: April 13th 2021

Tentative Commission Hearing Date: April 21st, 2021

Parcel ID: 28/29/15/06732/041/0280

Parcel Address: 628 Pineland Ave

Applicant/Owner Name: Melissa Hoglund

Applicant Address: 628 Pineland Ave

Phone Number: 407-493-3469

Existing Conditions of Land and Structures

Current zoning: R-1

Improvements to date: Interior remodel in 2021

Easements: None shown on survey.

Proposed Request

Overview: The applicant is requesting a variance which would allow for a for the construction of a proposed garage addition. The addition would encroach into the required minimum 25-foot front yard setback by approximately 20 feet 2 inches, resulting in a 4-foot 8-inch front yard setback. Please see site plan

Staff Analysis

In order to approve a variance, the Commission is required to make six findings per Section 66-253 of the Town of Belleair Code of Ordinances. The findings are listed below along with the reasons staff finds the criteria are or are not met in this case.

1. *Special conditions and circumstances exist which are peculiar to the land, structure or buildings involved.*

Staff Finding: The applicant is requesting a variance to reduce the front setback from 25 feet to less than 4.6-foot setback. The applicant is suggesting that there is an unsafe condition of the existing driveway in relation to the intersection of Pineland Ave. and Mehlenbacher Rd. The

TOWN HALL

901 PONCE DE LEON BLVD. | BELLEAIR, FL 33756
(727) 588-3769

JOHN J. OSBORNE PUBLIC WORKS BUILDING

1075 PONCE DE LEON BLVD. | BELLEAIR, FL 33756
(727) 588-3795

DIMMITT COMMUNITY CENTER

918 OSCEOLA RD. | BELLEAIR, FL 33756
(727) 518-3728

applicant is showing the same location of the existing driveway but just widening the drive and eliminating the circular part of the driveway. The existing driveway provides a safer situation where a car exiting the existing garage can back up into part of the circular drive and then provide for forward motion to exit property. The proposed layout by the applicant will force the vehicles to back out onto the street which is not safer.

Regardless of the driveway, staff needs to find special conditions or circumstance that are peculiar to the land, structure, or building. There are no special conditions that would warrant a variance to the front yard setback. This lot is considered a corner lot and the zoning regulations require a 25-foot front yard setback on all front yards.

The applicant also stated in part, "layout will create home in-line with overall character of the neighborhood". If you look at the aerial provided by staff, you will see that this proposed addition will not be in line with the homes on either Pineland Ave. or Mehlenbacher Rd. In fact, this proposed addition would be so out of character with the surrounding homes on both streets. Front yard setbacks are to provide a uniform visual open corridor along the street.

2. *The special conditions and circumstances do not result from actions of the applicant.*

Staff Finding: There are not special conditions or circumstances.

3. *Literal interpretation of the provisions of this Code would work unnecessary and undue hardship on the applicant.*

Staff Finding: The applicant has alternatives with the driveway without building a garage addition in the front yard setback. If the applicant is needing a larger garage, the existing garage can be widened and added to the front and/or rear.

4. *The variance, if granted, is the minimum variance that will make possible the reasonable use of the land, structure, or building.*

Staff Finding: The request is not reasonable use of the land when the applicant has alternatives with the driveway or existing garage.

5. *A grant of variance will be in harmony with the general intent and purpose of this Code, and that such variance will not be injurious to the zoning district involved or otherwise detrimental to the public interest.*

Staff Finding: Granting of the variance would not be in harmony with the general intent and purpose of the code and would be otherwise a detriment to the public interest. Again, the general intent of requiring front yard setbacks is to provide a visual open corridor along the street.



6. *A grant of variance will not result in any land use not specifically provided for in the schedule of district regulations for the zoning district in which the property is located.*

Staff Finding: Garages are allowed as an accessory structure or use for single family homes.

Staff Recommendation

Since the applicant has not provided any information to meet the criteria as set forth in Section 66-253, staff recommends denial.

Proposed Motions and Conditions

Proposed Motion: Move to deny the variance for 628 Pineland.

Proposed Conditions: None

Staff Report prepared by Bruce Cooper, Building Official. *Bruce Cooper*

TOWN HALL

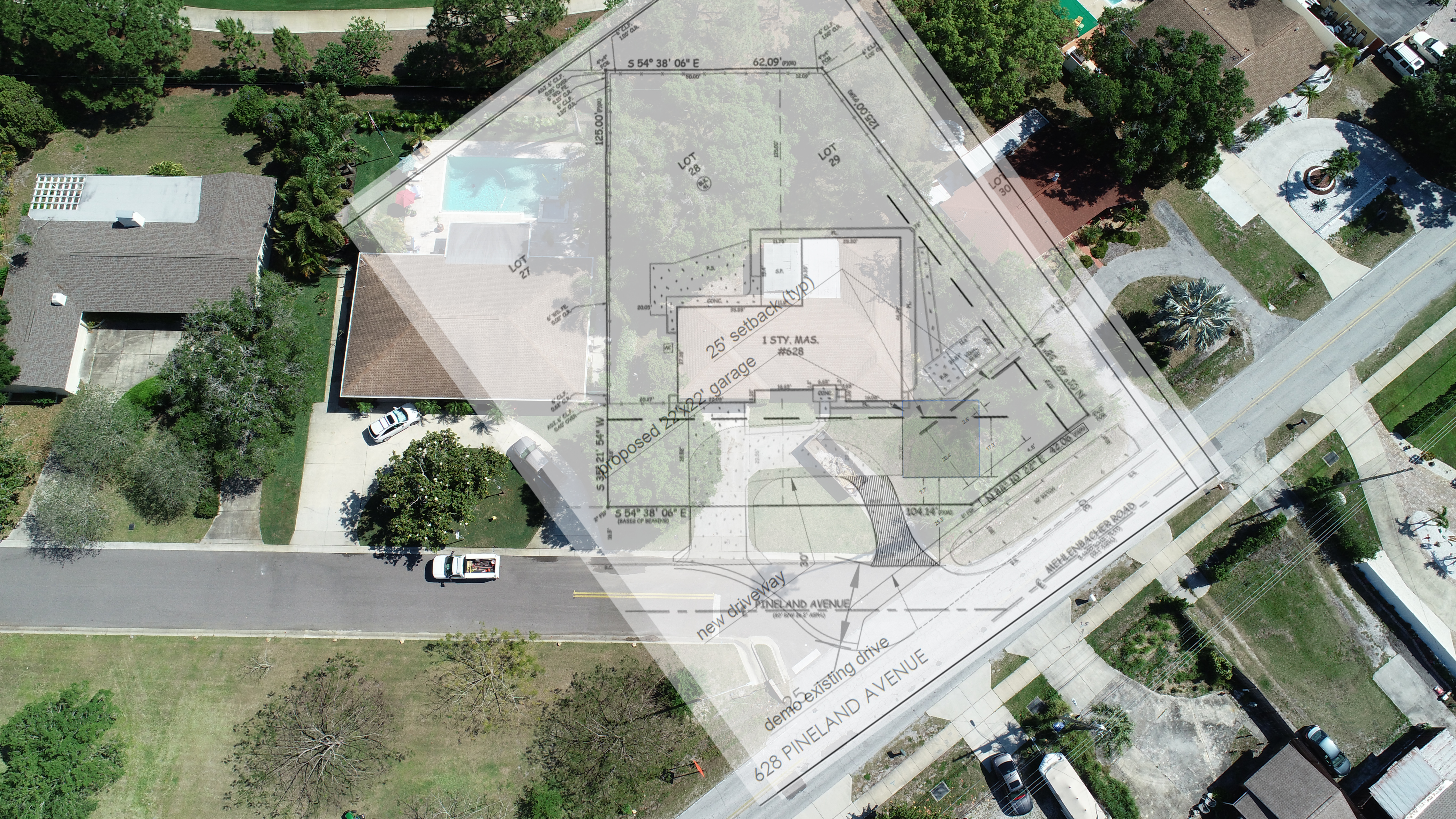
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918 OSCEOLA RD. | BELLEAIR, FL 33756
(727) 518-3728



S 54° 38' 06" E

62.09' (P/M)

125.00' (P/M)

125.00' (P/M)

LOT 28

LOT 29

LOT 30

LOT 27

25' setback (typ)

proposed 22'x22' garage

1 STY. MAS.
#628

S 54° 38' 06" E
(BASED ON BEARING)

S 33° 21' 54" W

N 42° 10' 22" E

new driveway

demo existing drive
628 PINELAND AVENUE

MEHLENBACHER ROAD



S 54° 38' 06" E

1 STY. MAS.
#628

PINELAND AVENUE

MEHLENBACHER ROAD

LOT 27

LOT 28

LOT 29

LOT 30

25



Legislation Details (With Text)

File #: 21-0102 **Version:** 1 **Name:**

Type: Action Item **Status:** Public Hearing

File created: 4/14/2021 **In control:** Town Commission

On agenda: 4/20/2021 **Final action:**

Title: Variance Request - 1050 Ponce de Leon Blvd

Sponsors:

Indexes:

Code sections:

Attachments: [PUBLIC HEARING.pdf](#)
[1050.pdf](#)
[1050 Map.pdf](#)
[1050 Ponce Variance App](#)
[NTA - 1050 Ponce](#)
[Variance Staff Report for 1050 Ponce De Leon Blvd.pdf](#)
[1050PDL.pdf](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

Summary

To: Planning and Zoning Board
From: Town Staff
Date: 4/14/2021

Subject:

Variance Request - 1050 Ponce de Leon Blvd.

Summary:

The Planning and Zoning Board met on April 12th and approved the request by a vote of 5-1.

Applicants are requesting a variance which would allow for a swimming pool to encroach into the secondary front yard setback by 15' feet, resulting in a 10' foot secondary front yard setback. A proposed rendition is included in the application materials.

Previous Commission Action: N/A

Background/Problem Discussion: N/A

Expenditure Challenges N/A

Financial Implications: N/A

Recommendation: Please see the attached staff report

Proposed Motion Move to approve/deny the application for variance at 1050 Ponce de Leon Blvd.

| |
|--|
| PUBLIC HEARING |
| OPENING PROCEDURES Staff announces the case |
| OATH OF THOSE TO TESTIFY |
| EX PARTE COMMUNICATIONS Ask commission members to disclose |
| EVIDENCE Inform parties that all evidence admitted at the hearing will be kept as part of the record |
| STAFF PRESENTATION Cross-examine by applicant and other parties |
| APPLICANT Present evidence and witnesses Cross-examine by staff and other parties |
| PARTIES WITH STANDING – Present their case PLEASE LIMIT COMMENTS TO 10 MIN EACH |
| PUBLIC COMMENT |
| APPLICANT REBUTTAL |
| CLOSINGS Staff, Applicant, Other Parties |
| PUBLIC HEARING CLOSED AND DISCUSSION RESERVED TO COMMISSION |

Note: Commission members may interpose questions at any time

BELLEAIR GARDENS
LOT 9

DODGE, APRIL E
1050 PONCE DE LEON BLVD
BELLEAIR, FL 33756-1056

2020 28-29-15-06876-000-0090

Page 1 of 1
PRINTED 10/16/2020
BY jarmstrong

1050 PONCE DE LEON BLVD, BELLEAIR

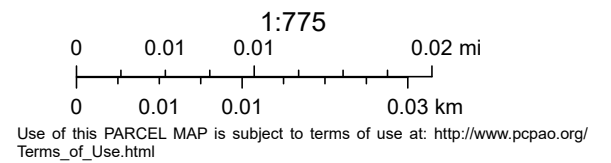
Map Id: 2306.0 1.00 1.00 1.00 Area 23 Neb 06

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| BUILDING CHARACTERISTICS | | | | 0110 Single Family Home | | | | | | | | | | ** VALUE SUBJECT TO CHANGE ** | | | | | | | | | | Pinellas County Property Appraiser Office | | | | | | | | | | BL |
| QUALITY | | | | Average | | | | | | | | | | | | | | | | | | | | VALUE SUMMARY | | | | | | | | | | |
| CATEGORY | | | | TYPE | | | | % | | PTS | | | | | | | | | | | | PRIOR JUST MARKET VALUE | | | | 228,561 | | | | | | | | |
| FOUNDATIO | | | | 2CONTINUOUS | | | | 100 | | 3.00 | | | | | | | | | | | | CURRENT JUST MARKET VALUE | | | | 210,965 | | | | | | | | |
| FLOOR | | | | 1SLAB ON | | | | 100 | | 6.00 | | | | | | | | | | | | ASSESSED VALUE | | | | 152,243 | | | | | | | | |
| EXTERIOR | | | | 5CB | | | | 100 | | 27.0 | | | | | | | | | | | | HX/NHX CAP BASE YEAR | | | | 2015 | | | | | | | | |
| ROOF | | | | 1GABLE OR | | | | 100 | | 6.00 | | | | | | | | | | | | TAXABLE VALUE | | | | 102,243 | | | | | | | | |
| ROOF | | | | 5CONCRETE | | | | 100 | | 7.00 | | | | | | | | | | | | HX | | | | Yes | | | | | | | | |
| FLOOR | | | | 3CARPET/HARD | | | | 100 | | 10.0 | | | | | | | | | | | | % HX | | | | 100.00 | | | | | | | | |
| INTERIOR | | | | 2DRYWALL/PLA | | | | 100 | | 33.0 | | | | | | | | | | | | TOT EXEMPTIONS VALUE | | | | 50,000 | | | | | | | | |
| HEATING | | | | 6CENTRAL | | | | 100 | | 5.00 | | | | | | | | | | | | PERMIT | | | | TP | ST. | EST VAL | | ISSUE DATE | | | | |
| COOLING | | | | COOLING | | | | 100 | | 3.00 | | | | | | | | | | | | 6303 | | | | 95 | V | 6,100 | | 04/04/20 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 3529 | | | | 99 | V | 2,696 | | 01/17/17 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 05-3-5426 | | | | 99 | C | 8,700 | | 04/13/05 | | | | |
| CATEGORY | | | | | | | | UNITS | | | | | | | | | | | | BUILDING NOTES SHED / BBQ NV | | | | | | | | | | | | | | |
| STORIES | | | | | | | | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIXTURES | | | | | | | | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIVING UNITS | | | | | | | | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL LIVING UNITS | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEPRECIATION ADJ | | | | | | | | ADJ | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| EXTERNAL OBSOLESCENCE | | | | | | | | 0.0000 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYPE | | QU | | HX/NHX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SAR | | AREA | | % B | | EFF. AREA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPU | | 140 | | 20 | | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BSF | | 150 | | 80 | | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRU | | 390 | | 25 | | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAS | | 1,229 | | 100 | | 1,229 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPF | | 57 | | 20 | | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,966 | | | | | | 1,486 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TAXING DISTRICT | | | | BL | | | | JUST VALUE/SF | | 152.98 | | | | | | | | | | | | | | | | | | | | | | | | |
| L | EXTRA | N | FEATURE | DESCRIPTION | BD | HX/ NHX | LEN | WID | UNITS | UNIT VALUE | ADJ UNIT VALUE | BLT YEAR | EFF AGE | BLT | % GOOD | XF VALUE | NOTES | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | L | USE | LAND USE | HX/ | R | FRONT | DEPTH | FF | FRNT FT | UNITS | UT | D | DEPTH | SIZE | INFLUENCE | UNIT | ADJ UNIT | LAND | OTHER ADJ | | | | | | | | | | | | | | | |
| T | N | CODE | DSCR | NHX | D | T | T | T | FACTOR | | TP | T | FACT | FACT | DESCRIPTION | VALUE | VALUE | VALUE | AND NOTES | | | | | | | | | | | | | | | |
| C | 1 | 01 | SINGLE | 100 | | 80.00 | 93.00 | 80 | 100.00 | 80.00 | FF | 130 | 0.89 | 1.00 | | 2,250.00 | 2,002.50 | 160,200 | 19 UT LV | | | | | | | | | | | | | | | |
| NOTES | | | | | | | | | | | | | | | | | | APPRaisal DATES | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | REVIEW DATE | | | | | | | | | | 05/18/2020 | | | | | | |
| | | | | | | | | | | | | | | | | | | FIELD NUMBER | | | | | | | | | | 227 | | | | | | |
| | | | | | | | | | | | | | | | | | | REVIEW TYPE | | | | | | | | | | Oblique | | | | | | |

1050 Ponce



April 8, 2021





TOWN OF BELLEAIR
901 Ponce de Leon Blvd.
Belleair, Florida 33756-1096
Phone: (727) 588-3769 ext. 215
Fax: (727) 588-3768

DATE 2/22/2021

To the Town Commission of the Town of Belleair, Florida

1. The undersigned, _____, owner of Lot 0090
Block 000, Subdivision Belleair Gardens, property
Commission of the Town of Belleair for a variance on the above-described property.
2. The property is presently zoned R2.
3. The present land use on the property is Single Family Residential.
4. The decision involves Article 74 Section 286 of the Belleair Land
Development Code.
5. The Commissions power arises under Article V, Section 66.253 of the Belleair Land Development
Code.
6. The Relief prayed by the applicant is: Secondary front yard setback
7. The Justification for the request is (requests for the variances must demonstrate the practical
difficulty or unnecessary hardship which justifies the variance): See attached
8. Attached is a non-refundable fee to defray expenses incurred by the Town of Belleair in processing
this application. (** Note: All costs incurred by the Town of Belleair, above and beyond the
variance application fee, will be the responsibility of the applicant regardless of approval or denial
of the request**)
9. I am aware that this request will be voided should I or my representative fail to appear at the public
hearings scheduled to consider this request.
10. I am aware that any variance that may be granted will automatically expire twelve months after
approval by the Town Commission unless a building permit is produced from the Town with
respect to the improvements contemplated by this application for variance within said twelve
month period unless the construction of said improvements is promptly commenced pursuant to
the building permit and diligently pursued to completion thereafter.

FEE: \$300.00

TIME REC. _____
Paid: _____

April D. J. Hendell Thayer
Owner
1050 Ponce De Leon Blvd
Address
314-422-1068
Telephone Number



TOWN OF BELLEAIR
901 Ponce de Leon Blvd.
Belleair, Florida 33756-1096
Phone: (727) 588-3769 ext. 215
Fax: (727) 588-3768

VARIANCE APPLICATION CHECK OFF SHEET

Application shall be fully completed and must include the following information:

OWNERS NAME April Dodge & Wendell Thompson

OWNERS MAILING ADDRESS 1050 Ponce De Leon Blvd

PROPERTY ADDRESS Same

PHONE NUMBER 314-422-1068 314-724-6816

REPRESENTATIVE NAME AND ADDRESS (if any) _____

PHONE NUMBER _____

DATE OF ORIGINAL CONSTRUCTION February

IMPERVIOUS COVER _____

FLOOD ZONE AND ELEVATION X

REQUIRED INFORMATION:

| <u>REQUIRED</u> | <u>RECEIVED</u> | PROVIDE (10) COPIES EACH. |
|-----------------|-----------------|--|
| <u>X</u> | _____ | PLANS/SPECS/PRODUCT BROCHURE |
| <u>X</u> | _____ | PHOTOS OF AREA (straight/right angle/left angle) |
| <u>X</u> | _____ | SURVEY W/ SETBACKS SHOWN |
| <u>X</u> | _____ | SITE PLAN W/ SETBACKS SHOWN |

REVIEWED BY: ZONING PUB.WK FIRE BLDG. MRG.

DATE SENT: _____

DATE RETURNED: _____

February 22, 2021

Town of Belleair Commission
901 Ponce de Leon Boulevard
Belleair, FL 33756

Dear Town of Belleair Commission,

Today we are writing to request a justification or variance approval to build a swimming pool on our property at 1050 Ponce de Leon Boulevard. This letter demonstrates justification for a pool to be built on our corner lot. The justifications below rationalize approval under what is outlined in the cover page as **Practical Difficulty** “non-use or dimensional variance” or **Unnecessary** “use variance” hardship.

We love living in Belleair. As landowners in the beautiful Town of Belleair, we, Mr. Thompson and Ms. Dodge are aware that **Sec. 74-286 (f)** - Swimming pools, hot tubs, screened pool enclosures and similar structures *unreasonably prevents* us and our young children from enjoying our property for a permitted use. We purchased a corner lot property at 1050 Ponce de Leon and it has unique circumstances, as well as unique property boundaries, not shared by our neighboring properties in the same zone. This problem is not self-created and we see our particular request as a lesser relaxation of the Town of Belleair's ordinance because we are not asking to encroach into setback requirement maintained for the majority of neighbors and citizens owning rear and side yards. We know variances are in place to offer mechanisms for flexibility when conformity is rendered *insurmountably burdensome* and we believe the above explanation is a fine justification for variance approval in our unique case.

The plight of our beautiful home resting on a corner lot is not shared by the majority of homeowners in Belleair, we have a unique situation. All in all, approval of this request would not only provide *substantial justice* to us as landowners, but it is fully supported by neighbors. In accordance with our observations and conversations with great neighbors, we are aware of more than ten Belleair corner lot properties that have swimming pool structures constructed on street rights-of-way. Due to the nature of our home at 1050 Ponce de Leon being a corner lot, we see this as favorable for variance approval. We have maintained and improved our property with a fence and landscaping buffers around the boundaries. We can also show that residences at neighboring properties feel strongly that the Town of Belleair Commission should approve this variance request. Please see attached letter from our fine Belleair neighbors.

Granting this variance would be the only conceivable way to meet our very reasonable goal for putting in a swimming pool on our beautiful property and we appreciate the board's consideration. This variance is not being requested on a whim and we do not take the request lightly. As property owners we are financially prepared to fund and complete the project upon the Town of Belleair's approval. We look forward to collaborating with the Belleair Town Commission and the outstanding team of employees that work for the Town of Belleair to finalize our pool project. Please reach out with a date of the future public meeting that will confirm our variance request, if needed we will be happy to rally our good neighbors to unequivocally support approval and speak on our behalf.

Thank you,
Wendell Thompson & April Dodge
1050 Ponce de Leon Boulevard

February 22, 2021

Town of Belleair Commission
901 Ponce de Leon Boulevard
Belleair, FL 33756

To the Town of Belleair Commissioners,

This letter is to affirm support for the variance request for a swimming pool at the home of our neighbors, April Dodge and Wendell Thompson. Despite meeting the city setback requirements, as neighbors they are outstanding members of our community and have been for the past 7 years. As neighborhood residents we are invested in seeing updates to surrounding properties that beautify and maintain the charm of our beautiful Belleair neighborhood. As neighbors adjacent to April and Wendell's property, we have no problems or issues with the location of in-ground pool. In fact, it would be a wonderful addition to the property.

April and Wendell are responsible property owners and wonderful neighbors and have demonstrated their ability to make tangible contributions to their property on Ponce De Leon.

Thank you for your time and consideration,

Robert E. Warko 2/22/20
352 BARBARA CIR
BELLEAIR, FL

February 22, 2021

Town of Belleair Commission
901 Ponce de Leon Boulevard
Belleair, FL 33756

To the Town of Belleair Commissioners,

This letter is to affirm support for the variance request for a swimming pool at the home of our neighbors, April Dodge and Wendell Thompson. Despite meeting the city setback requirements, as neighbors they are outstanding members of our community and have been for the past 7 years. As neighborhood residents we are invested in seeing updates to surrounding properties that beautify and maintain the charm of our beautiful Belleair neighborhood. As neighbors adjacent to April and Wendell's property, we have no problems or issues with the location of in-ground pool. In fact, it would be a wonderful addition to the property.

April and Wendell are responsible property owners and wonderful neighbors and have demonstrated their ability to make tangible contributions to their property on Ponce De Leon.

Thank you for your time and consideration,

A handwritten signature in black ink, appearing to read "R.A. Costa". The signature is fluid and cursive, with the first name "R.A." and the last name "Costa" clearly distinguishable.

2/22/21
355 Shirley Ave



Value – Quality – Dependability™



Find Us At:

- Showroom: 118 West Bay Drive, Suite 101, Largo, FL
- Website: www.pcs-pools.com
- Facebook: www.facebook.com/PCSPools
- Google: www.google.com/PCSPools



The PCS Pools Story

- Family and Veteran owned and operated since 2015
- Established local presence with our showroom and offices located in Largo
- Proven history of building high quality pools, on time, and at a great value
- Personable and professional staff delivering the best customer experience possible

The PCS Pools Advantage

- Experience, Value, Quality, Reliability
- Family owned and operated in your community
- Great reputation – HomeAdvisor 5-star rating and A+ BBB rating
- Vertically integrated – we own key equipment, have our own key employees and a group of trusted contractors, so we can control the schedule and build quality
- Outstanding customer service and professional management
- We only use the best equipment (Pentair) and materials available
- Process driven – ISO, Six Sigma, Kaizen
- Quality control program focused on building pools that meet your contract requirements and applicable building codes
- We use technology to drive efficiency, such as cloud based management software and Wi-Fi cameras on every job site



Licenses Held By Owners

State: FL

Trade: Florida - Certified Building Contractor

License #: CBC1260956

Trade: Florida - Certified Pool/Spa Contractor

License #: CPC1458865

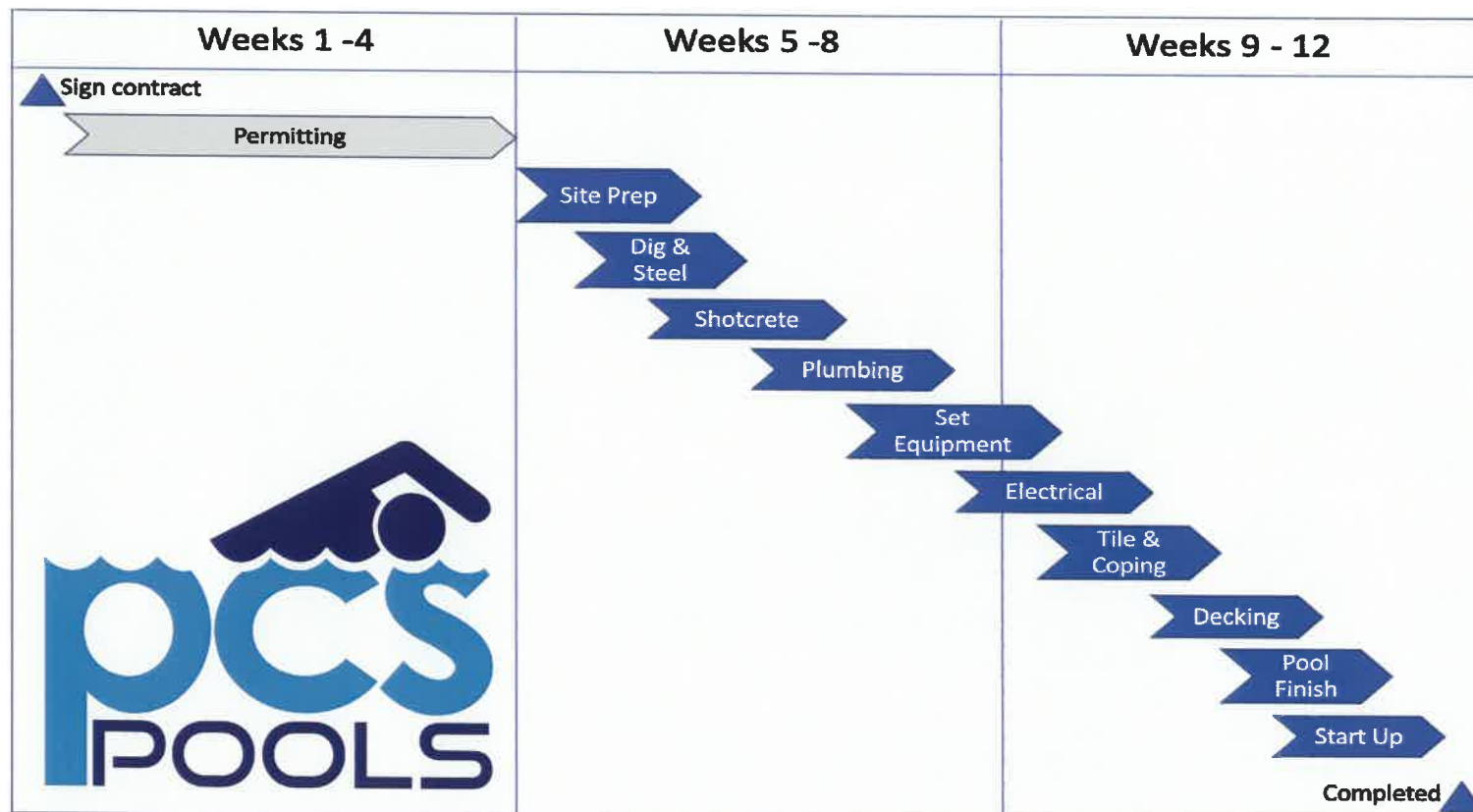
Pinellas Construction Services, LLC

d/b/a PCS Pools

- ✓ We have invested in new equipment, tools, and a team of key employees and suppliers in order to control our construction schedule and deliver your high-quality pool as promised!
- ✓ We also have a complete showroom / sales office and operations center located in Largo

Typical Construction Timeline

Dependent upon permit approvals and weather



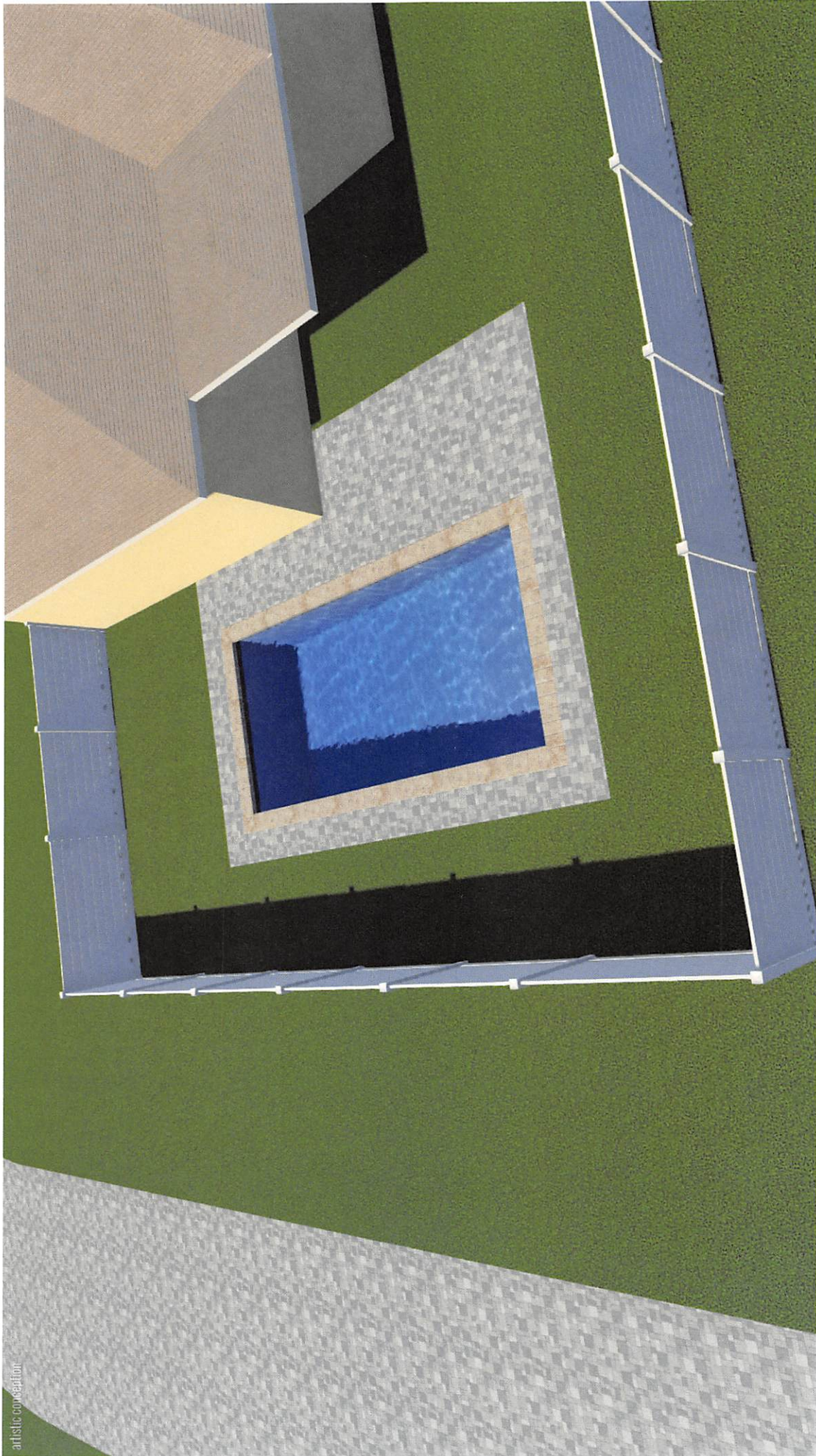
Reviews and Ratings 5-star rating on HomeAdvisor

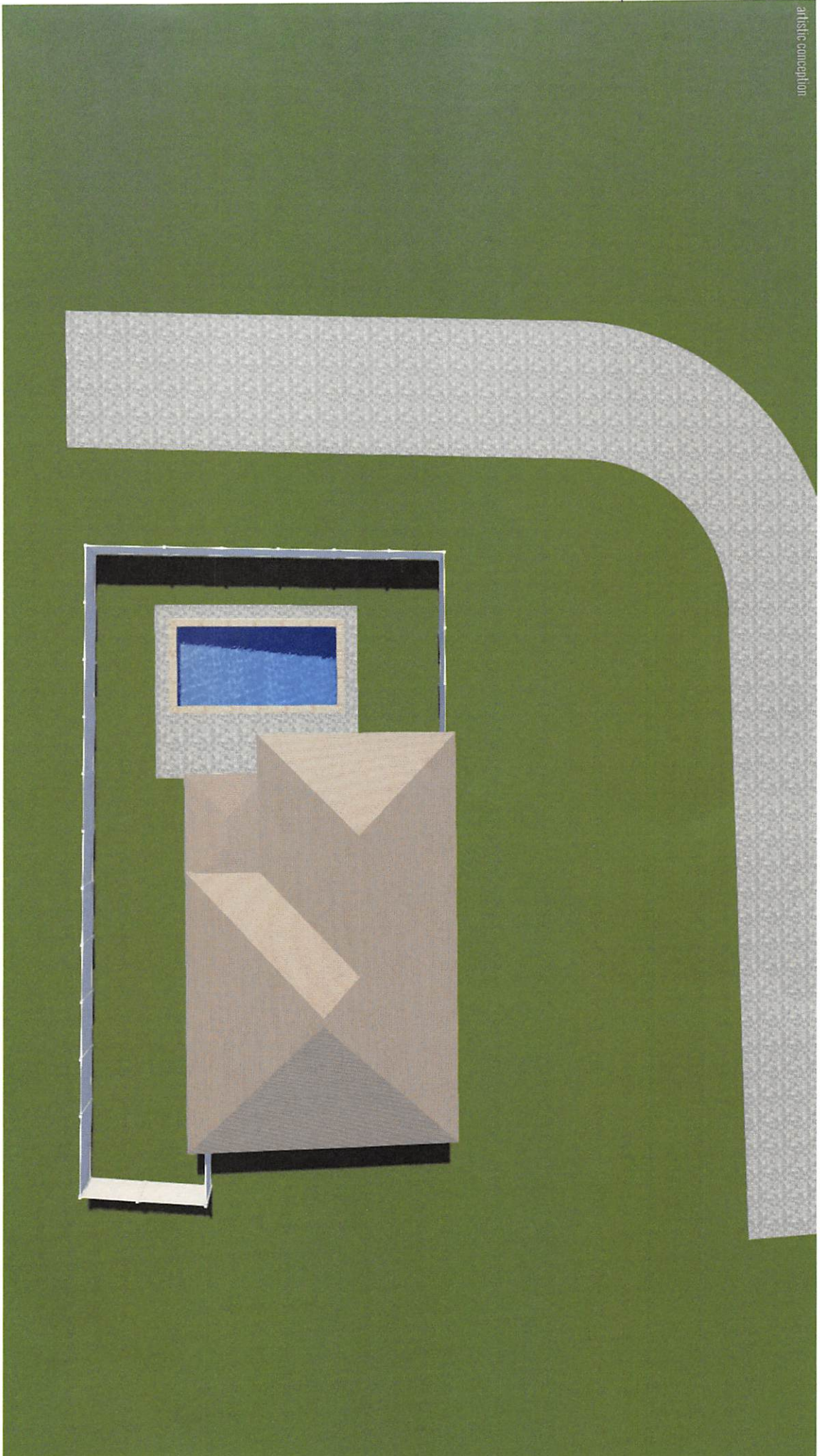
Pinellas Construction Services,

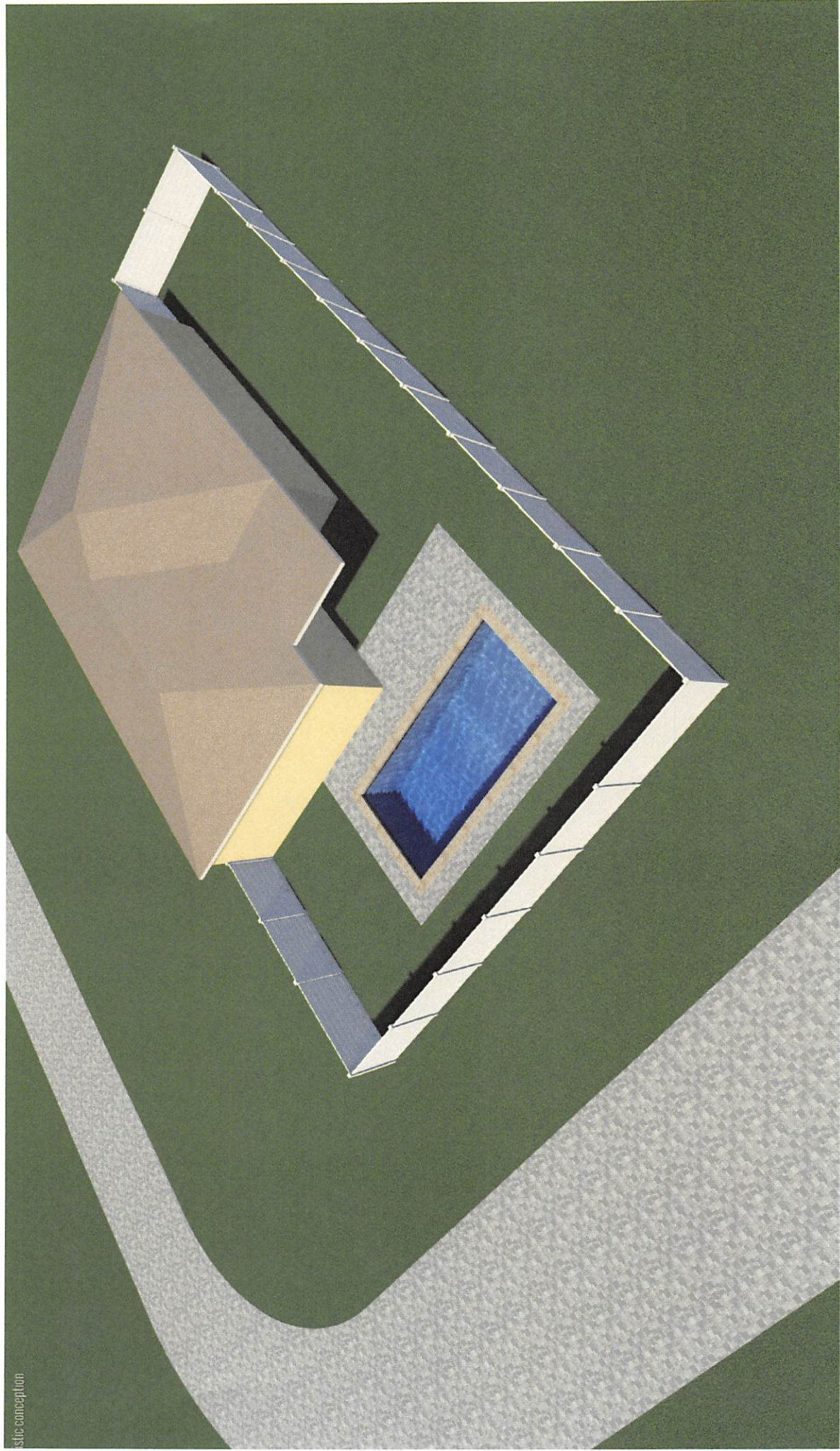


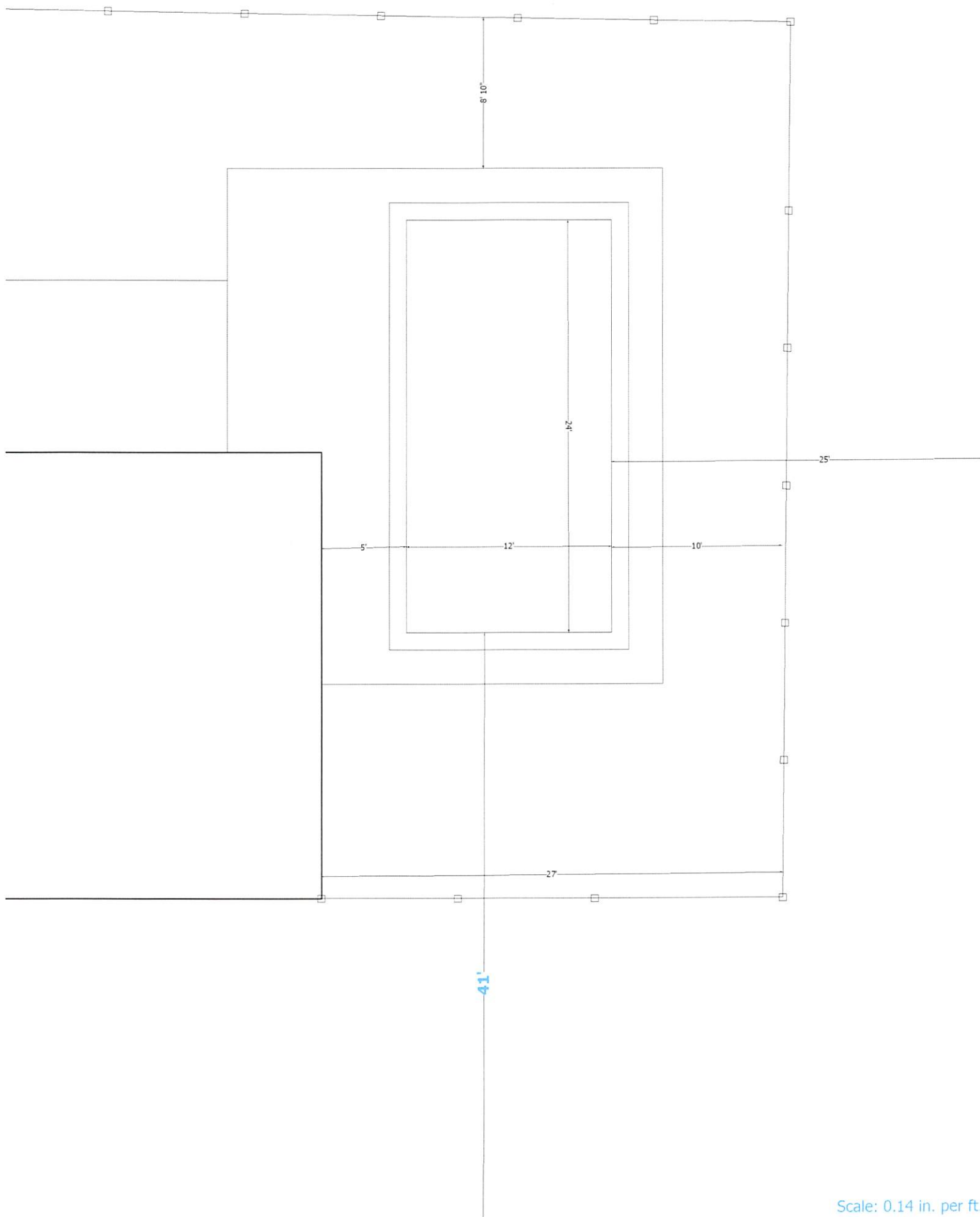
727-599-4101
801 West Bay Drive, Suite 454
Largo, FL 33770

| Date | Rating | Review |
|------------|--|---|
| 02/09/2020 | 5.0 Quality: 5.0 Customer Service: 5.0 Value for Money: 5.0 | Review by Amy B. in Clearwater, FL Project: Build or Install a Concrete Swimming Pool Comments: They did an amazing job for us!! Our contact person was Dave, he was exceptional! Always stopping by the job site and touching base with us. We would encourage anyone thinking about having a new pool installed to go with Pinellas Construction Services!! |
| 05/25/2017 | 5.0 Quality: 5.0 Customer Service: 5.0 Value for Money: 5.0 | Review by Vito P. in Belleair Beach, FL Project: Build or Install an In-Ground Swimming Pool Comments: After procrastinating for far too long, I FINALLY followed through on getting the pool installed that I had wanted so badly all these years. I did a tremendous amount of research, which is my nature, and I finally decided to give Pinellas Construction Services my business. Though they appeared to be a younger company, I found that successful pool construction had been in their family for quite a long time. Working with Jordan and Justin, and their easy-going nature was a breath of fresh air after being "hard sold" by so many of their competition. The unvarnished truth they gave me regarding the involved process of the construction put me at ease and prepared me properly for what I would be facing by taking on this project. It all played out pretty much exactly as they said it would, and in the end, I could not be happier about the results !!! Thank You so much to everyone at Pinellas Construction Services for making my pool "dream" finally come true. |
| 04/05/2017 | 5.0 Quality: 5.0 Customer Service: 4.5 Value for Money: 5.0 | Review by Roberta P. in Clearwater, FL Project: Build or Install a Concrete Swimming Pool Comments: I never knew what I was getting into when installing a pool because this is my first and last pool. You have to trust the experts. I want people to know that if you ask Jordan or Justin the questions, they give you the answers. Would you do this again yes, would you use them again absolutely. My pool is almost complete, and I have been in it already. The salt system will go on in about a month and the cleaners at the same time. We are just waiting for the pool the cure... The last part is getting the yard back together. Expect a mess.. this is a big process...but it is well worth it. |









Scale: 0.14 in. per ft.

SURVEY ABBREVIATIONS

- [illegible]

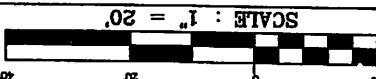
- ENT
- Q.16 - OFFICIAL CRIMINAL FILE
P.16 - POINT OF CAPTURE
P.17 - POINT OF EQUIPMENT
P.18 - POINT OF INTERSECTION
P.19 - PLANTER
P.20 - POINT OF BEARING
P.21 - POINT OF REVERSE CURVE
P.22 - PERMANENT REFERENCE MONUMENT
P.23 - RECORD

1. FURNITURE
2. CHAIRS
3. COUCHES
4. BEDS
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- AC = ACES
AC = AIR CONDITIONER
ALUM = ALUMINUM
AVE = AVAILBLE
BLDG = BUILDING
BPP = BRICK PAVING
BWD = BOUNDARY
ENDY = BOUNDARY
C-CONCRETE
CH = CHORD BEARING
SET CONCRETE MONUMENT
FOUND CONCRETE MONUMENT

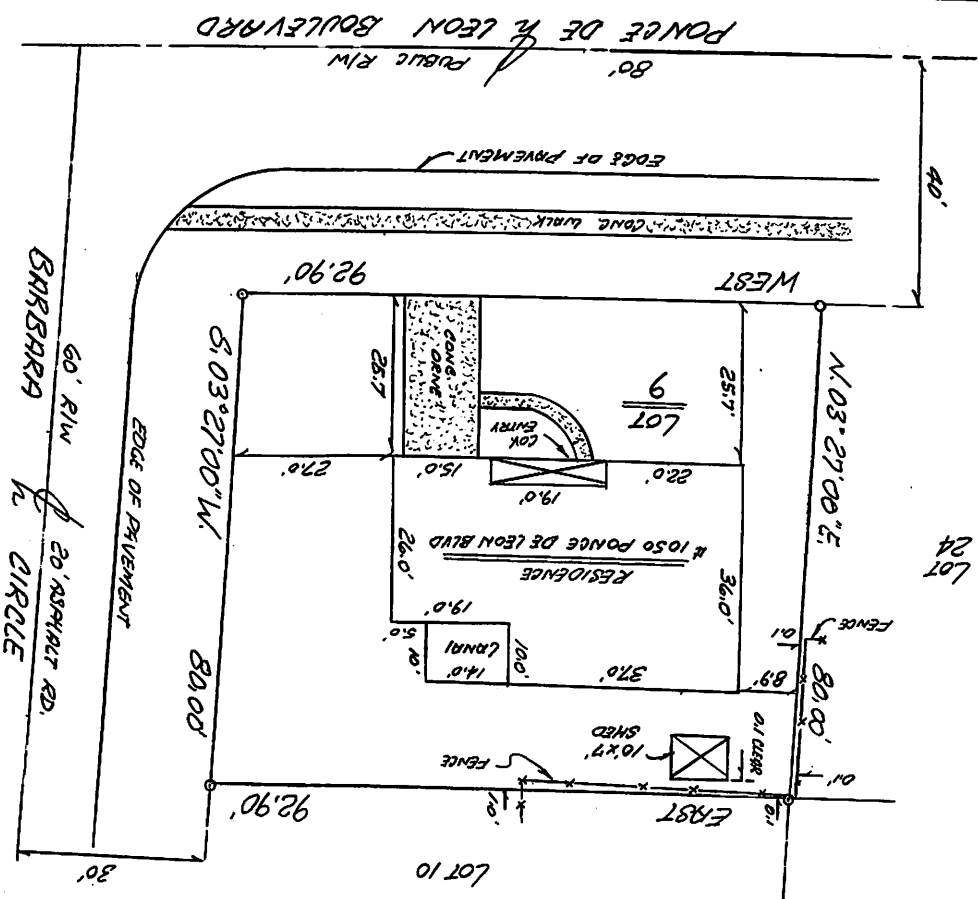
REVISED AND CORRECTED 3-12-16

SCALE : 1" = 20'



DESCRIPTION:

LOT 9, BELLAIR GARDENS, ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 36, PAGE 18, OF THE PUBLIC RECORDS OF PINELLAS COUNTY, FLORIDA.

[illegible]

| | |
|--------|--|
| NOTES: | Above ground improvements including building overhangs have not been located except as shown hereon. |
| NOTES: | The survey was prepared without the benefit of a title search and may be subject to assessment, right-of-way, and other claims or records. |
| NOTES: | This is construction area / or remains on flood zone note, the building bidding department |
| NOTES: | All buildings were constructed under the rules, regulations, ordinances and / the jurisdiction of local state / or federal agencies. The requirements of said rules, regulations, ordinances are not shown hereon, unless stated otherwise. |

| | |
|----------------------|---------|
| DATE OF FIELD SURVEY | 8-10-14 |
| DATE OF DRAWING | 3-12-16 |

CERTIFIED TO:

BAY LAND SURVEYING

PORT RICHIEY, FLORIDA 34660
PHONE : 727-845-1738
FAX : 727-844-3058
MOBIL : 727-243-6660

consent of the signing party or parties.

David K. Prevot
Date: 3-12-16

DAVID K. PREVOT SURVEYOR AND MAPPER #4534



RECEIVED
MAR 30 2021

NOTICE OF APPEARANCE

I, _____, (individual or corporate representative), hereby file and serve notice of my appearance/lawyer or other appropriate representative's appearance, to present testimony and/or cross examine other witnesses at the quasi-judicial hearings to be held on: Monday, April 12, 2021 at 5:30 P.M. - Planning and Zoning Board and Tuesday, April 20, 2021 at 6:00 P.M. - Town Commission

I understand that upon filing this Notice of Appearance, I shall be considered a participant in the hearing, subject to a determination of standing if challenged.

Address of variance property 1050 Ponce de Leon Blvd, Belleair, FL

Name: _____
(Please Print)

Address: _____

Please complete and submit this form if you are planning on attending IN PERSON.
Comments can be submitted by email or through virtual participation as outlined in the public hearing notice.



Report Date: 4/8/21

Planning & Zoning Hearing Date: April 13th 2021

Tentative Commission Hearing Date: April 21th, 2021

Parcel ID: 28/29/15/06876/000/0090

Parcel Address: 1050 Ponce De Leon Blvd

Applicant/Owner Name: April Dodge & Wendall Thompson

Applicant Address: 1050 Ponce De Leon Blvd

Phone Number: 314-422-1068, 314-724-6816

Existing Conditions of Land and Structures

Current Zoning: R-2

Original Construction Date: 1959

Improvements to Date: None

Easements: None shown of survey

Proposed Request

Overview: The applicant(s) is requesting a variance which would allow for a swimming pool to encroach into the secondary front yard setback by 15' feet, resulting in a 10 ft' secondary front yard setback. Please see the attached drawing provided by the owner.

Staff Analysis

In order to approve a variance, the Commission is required to make six findings per Section 66-253 of the Town of Belleair Code of Ordinances. The findings are listed below along with the reasons staff finds the criteria are or are not met in this case.

TOWN HALL

901 PONCE DE LEON BLVD. | BELLEAIR, FL 33756
(727) 588-3769

JOHN J. OSBORNE PUBLIC WORKS BUILDING

1075 PONCE DE LEON BLVD. | BELLEAIR, FL 33756
(727) 588-3795

DIMMITT COMMUNITY CENTER

918 OSCEOLA RD. | BELLEAIR, FL 33756
(727) 518-3728

1. *Special conditions and circumstances exist which are peculiar to the land, structure or buildings involved.*

Staff Finding: Staff has determined that there are no special conditions or circumstances which are peculiar to the land, structure or building. The applicant's lot is a typical corner lot which requires a 25-foot front yard setback on all front yards. The applicant has not provided any information to show any conditions or circumstances. The only item the applicant provided was a letter of non-objection from the adjacent neighbor located on Barbara Circle. Letters of non-objection do not provide special conditions or circumstances for the applicant's lot.

2. *The special conditions and circumstances do not result from actions of the applicant.*

Staff Finding: There are no special conditions or circumstances.

3. *Literal interpretation of the provisions of this Code would work unnecessary and undue hardship on the applicant.*

Staff Finding: In reviewing the aerial of the applicant's lot and surrounding area, these lots are not sufficient in size to support a pool. Although this variance request is for the secondary front yard, the zoning regulations are adopted to provide a 25-foot setback along both front yards.

The variance, if granted, is the minimum variance that will make possible the reasonable use of the land, structure or building.

Staff Finding: Since there are no special conditions or circumstances, no variance should be granted. If for some reason this was to be granted, this is not the minimum variance.

4. *A grant of variance will be in harmony with the general intent and purpose of this Code, and that such variance will not be injurious to the zoning district involved or otherwise detrimental to the public interest.*

Staff Finding: Granting of this variance will not be in harmony with the general intent which is to provide 25-foot front yard setbacks on all front and secondary front yards.

5. *A grant of variance will not result in any land use not specifically provided for in the schedule of district regulations for the zoning district in which the property is located.*

Staff Finding: Swimming pools are allowed as an accessory structure associated with a single-family residence.



Staff Recommendation

Since the applicant has not provided any information to meet the criteria as set forth in Section 66-253, staff recommends denial.

Proposed Motions and Conditions

Proposed Motion: Move to deny the variance application for 1050 Ponce De Leon Blvd.

Proposed Conditions: None

Staff Report prepared by Bruce Cooper, Building Official. *Bruce Cooper*

TOWN HALL

901 PONCE DE LEON BLVD. | BELLEAIR, FL 33756
(727) 588-3769

JOHN J. OSBORNE PUBLIC WORKS BUILDING

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(727) 588-3795

DIMMITT COMMUNITY CENTER

918 OSCEOLA RD. | BELLEAIR, FL 33756
(727) 518-3728



Legislation Details (With Text)

File #: 21-0105 **Version:** 1 **Name:**

Type: Minutes **Status:** Consent Agenda

File created: 4/15/2021 **In control:** Town Commission

On agenda: 4/20/2021 **Final action:**

Title: Approval of April 6, 2021 Regular Meeting Minutes

Sponsors:

Indexes:

Code sections:

Attachments: [RM - 04-06-2021](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|



Town of Belleair

901 Ponce de Leon Blvd.
Belleair, FL 33756

Meeting Minutes Town Commission

Tuesday, April 6, 2021

6:00 PM

Town Hall

Meeting was called to order at 6:00 PM with Mayor Wilkinson presiding.

PLEDGE OF ALLEGIANCE

COMMISSIONER ROLL CALL

Present: 5 - Mayor Michael Wilkinson
Deputy Mayor Tom Kurey
Commissioner Tom Shelly
Commissioner Coleen Chaney
Commissioner Thomas Nessler

SCHEDULED PUBLIC HEARINGS

Persons are advised that, if they decide to appeal any decision made at this meeting/hearing, they will need a record of the proceedings, and, for such purposes, they may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

CITIZENS COMMENTS

(Discussion of items not on the agenda. Each speaker will be allowed 3 minutes to speak.)

Dan Hartshorne -resident- welcomed new Commission.

Tom Olson-resident-spoke on Mary Griffith's service to board and requested a Resolution commending her on her 26 years of service.

CONSENT AGENDA

[21-0089](#) Approval of March 16, 2021 Regular Meeting Minutes

Commissioner Shelly moved approval of the Consent Agenda. Seconded by Commissioner Kurey. Motion carried unanimously.

[21-0090](#) Amended Special Relief Permit Request - Let's Rumble, BCF

(approved as part of consent agenda)

GENERAL AGENDA

[21-0091](#) Recognizing Belleair for 40 Years of ICMA Recognition

JP Murphy-Town Manager-introduced Matt Spoor, City Manager Safety Harbor, serves on FCCMA management committee, presenting a certificate celebrating Belleair's 40th year as commissioner-manager form of government; spoke on Mr. Murphy's years of service and accreditations; congratulated Town of Belleair on milestone achievement.

[21-0081](#)

Swearing in of Officers John Decker, Victor Fernandez, and Nelson Whitesell

Chief Rick Doyle stated Officer Fernandez not in attendance, provided background information; introduced Officer Whitesell and provided background and prior service; introduced Officer Decker and provided his experience and background with Pinellas County Sheriff's office.

Mayor Wilkinson provided the oath to Officers Whitesell and Decker.

[21-0092](#)

Presentation to Outgoing Mayor Karla Rettstatt

Mr. Murphy spoke on former Mayor Rettstatt's term and many years of service; presented with gifts.

Meeting went into recess at 6:16 PM

Meeting reconvened at 6:27 PM

Mayor Wilkinson thanked Larry Hineman for his support and service to the Town.

[21-0078](#)

Resolution 2021-06 Establishing the Line of Succession

Mr. Murphy read resolution into record by title.

Commissioner Shelly spoke on rotation based on seniority. Commissioner Kurey fine either way; makes sense on fellow commissioners voting. Mr. Murphy suggested tabling item until votes are tabulated.

[21-0083](#)

Resolution 2021-07 - Designating the List of Authorized Signers

Mr. Murphy read resolution into the record by title; discussed signature requirements.

Commissioner Shelly moved approval of list of list of authorized signers. Seconded by Commissioner Kurey.

Aye: 5 - Mayor Wilkinson, Deputy Mayor Kurey, Commissioner Shelly, Commissioner Chaney, and Commissioner Nessler

[21-0094](#)

Resolution 2021-08 Commission Procedures

Mr. Murphy Read resolution into record by title; discussed resolution and reviewed attendance section; public comment rules; remote attendance; proposed rule, debate.

Commissioner Shelly moved approval of Resolution 2021-08 Commission Procedures as amended including Rule No. 16. Seconded by Commissioner Kurey.

Aye: 5 - Mayor Wilkinson, Deputy Mayor Kurey, Commissioner Shelly, Commissioner Chaney, and Commissioner Nessler

[21-0078](#)

Resolution 2021-06 Establishing the Line of Succession

Town Clerk provided vote tabulation and line of succession: Deputy Mayor Commissioner Kurey; Commissioner Shelly; Commissioner Chaney; Commissioner Nessler.

Commissioner Shelly moved approval of Resolution 2021-06 Establishing the Line of Succession from second position to 5 position- Tom Kurey, Tom Shelly, Colleen Chaney and Thomas Nessler. Seconded by Commissioner Chaney.

Aye: 5 - Mayor Wilkinson, Deputy Mayor Kurey, Commissioner Shelly, Commissioner Chaney, and Commissioner Nessler

[21-0082](#)

Commission Advisor Board Assignments

Mr. Murphy announced board assignments.

Mayor Wilkinson stated he will review boards at next meeting.

[21-0054](#)

Consideration of contracting services from Kamminga & Roodvoets, (K&R) Inc. to complete the final phase of the Pinellas Ponce Project.

Mr. Murphy spoke on project; continuation of original Pinellas/Ponce project; provided history of bid and project scope; discussed pricing; contractors are same and will streamline; benefit of avoiding significant bid costs with ability to piggyback; read memo from Phil Locke McKim and Creed (engineer of record) into record since Mr. Locke was not present; discussed all statutory compliance steps taken regarding notice and meeting; in best interest to continue working with K&R.

Deputy Mayor Kurey spoke on cost increase from original estimates; satisfied with relatively low percentage increase; important to have a good contractor; supports.

Estelle DeMuesy-resident-questioned timing.

Keith Bodeker-Construction Project Supervisor-no finalized date; will reply with Commission approval and will reach out tomorrow to get final timeframe for project kickoff, resident meetings, etc.

Commissioner Shelly moved approval of the contracting services of K&R to complete the final phase of the Pinellas Ponce Project in the amount of \$3,072,753.15 with an effective award date of April 9. Seconded by Deputy Mayor Kurey.

Aye: 5 - Mayor Wilkinson, Deputy Mayor Kurey, Commissioner Shelly, Commissioner Chaney, and Commissioner Nessler

STAFF REPORTS

Ricky Allison, Director of Parks, Recreation and Public Works-spoke on the Spring Fest event; thanked the Park and Tree Board for involvement; thanked former Mayor Rettstatt.

Commissioner Chaney questioned student bussing that was discussed at previous meeting; Mr. Allison has not been able to get a final number, will continue working with Pinellas County.

Mr. Allison stated bluff mowing coming up; discussed date and time frame; tree

installation on Ponce to be completed this week.

Nancy Hartshorne-resident-questioned mowing process; Mr. Allison clarified areas of mowing and process.

Stefan Massol-Director of Support Services - nothing to report.

Chief Doyle-Police Department-spoke on flyers to educate service workers on locking vehicles; addressed speeding complaints on Druid Rd. S.; discussed recent car theft and complaints in Largo area; pedestrian accident in roundabout crosswalk; Trace telehealth program live; partnership with Publix donating food over Easter weekend.

Mr. Murphy provided solid waste update, free shredding event this weekend; spoke on recycling and possible construction of facility by County; spoke on finalization of recycling study report for discussion at upcoming meeting.

TOWN MANAGER'S REPORT

Mr. Murphy discussed roadway project in Senate budget, still working on House side; Lobbyist Moffit still working on it; spoke on infrastructure package money, will be working on getting shovel-ready projects together soon; initial conversation with Pinellas County regarding water, however model provided needed significant work and not enough information; contracted with Jerry Hartman to get a fair value opinion from a 3rd party.

Deputy Mayor Kurey commented on infrastructure bill and funding coming in; important to have shovel ready projects lined up to entice bidders; Mr. Murphy spoke on ARP dollars, need to look into tax rate implications, may need to avoid utilizing rollback rate when budget season comes.

TOWN ATTORNEY'S REPORT

David Ottinger - had nothing to report.

MAYOR AND COMMISSIONERS' REPORT/BOARD AND COMMITTEE REPORTS

Commissioner Nessler -nothing to report.

Commissioner Chaney -nothing to report.

Deputy Mayor Kurey - nothing to report.

Commissioner Shelly - nothing to report.

Mayor Wilkson questioned mask procedures at meetings; Mr. Murphy stated County will consider at upcoming meeting; Commission comfort.

OTHER BUSINESS

Commissioner Shelly spoke on adding Arbor Day to the next meeting.

Mr. Murphy discussed known up-coming items for next Commission meeting.

Deputy Mayor Kurey thanked JP Murphy and former Mayor Rettstatt for speeches at Mayor Katica's service; questioned compensation study results. Mr. Murphy spoke on the results; will meet with each commissioner on the study results.

ADJOURNMENT

No further business; meeting adjourned in due form at 7:30 PM.

Deputy Mayor Kurey moved to adjourn. Seconded by Commissioner Chaney. Motion carried unanimously.

TOWN CLERK

APPROVED:

MAYOR



Legislation Details (With Text)

File #: 21-0098 **Version:** 1 **Name:**
Type: Proclamation **Status:** General Agenda
File created: 4/7/2021 **In control:** Town Commission
On agenda: 4/20/2021 **Final action:**
Title: Arbor Day Proclamation
Sponsors:
Indexes:
Code sections:
Attachments: [Arbor Day 2021](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

Summary

To: Mayor and Commissioners
From: Town Staff
Date: 4/7/2021

Subject:

2021 Arbor Day Proclamation

Summary:

This year, the Town is celebrating its 30th year as a “Tree City USA” for our consistent commitment to the environment through the planting and protection of trees. In order to continue this tradition, the Town must host an Arbor Day Celebration (held Saturday, April 3rd) and pass an Arbor Day Proclamation.

Previous Commission Action: N/A

Background/Problem Discussion: N/A

Expenditure Challenges N/A

Financial Implications: N/A

Recommendation: Staff recommends approval

Proposed Motion I move approval of the 2021 Arbor Day Proclamation

DEDICATING APRIL 3, 2021 AS “ARBOR DAY”

WHEREAS, in 1872, J. Sterling Morton proposed to the Nebraska Board of Agriculture that a special day be set aside for the planting of trees; and

WHEREAS, this holiday, called Arbor Day, was first observed with the planting of more than a million trees in Nebraska; and

WHEREAS, Arbor Day is now observed throughout the nation and the world; and

WHEREAS, trees can reduce the erosion of our precious topsoil by wind and water, cut heating and cooling costs, moderate the temperature, clean the air, produce oxygen and provide habitat for wildlife; and

WHEREAS, trees are a renewable resource giving us paper, wood for our homes, fuel for our fires and countless other wood products; and

WHEREAS, trees in our town increase property values, enhance the economic vitality of business areas, and beautify our community; and

WHEREAS, trees are a source of joy and spiritual renewal, and

WHEREAS, the Town of Belleair has been recognized as a Tree City USA by The National Arbor Day Foundation, and desires to continue its tree-planting ways.

NOW, THEREFORE, I, MIKE WILKINSON, Mayor of the Town of Belleair, Florida, Commission do hereby proclaim April 3, 2021 as

ARBOR DAY

and urge all citizens of our community to support efforts to care for our trees and woodlands and to support our town's community forestry program, and

FURTHER, I urge all citizens to plant trees to gladden the hearts and promote the well-being of present and future generations.

***GIVEN under our hand and the seal of the
TOWN OF BELLEAIR, FLORIDA, this
20th day of APRIL, A.D., 2021.***

MIKE WILKINSON, MAYOR



Legislation Details (With Text)

File #: 21-0103 **Version:** 1 **Name:**

Type: Proclamation **Status:** Consent Agenda

File created: 4/14/2021 **In control:** Town Commission

On agenda: 4/20/2021 **Final action:**

Title: Proclaiming May 3-7, 2021 as Teacher Appreciation Week

Sponsors:

Indexes:

Code sections:

Attachments: [Proc Request](#)
[Teacher Appreciation Week 2021](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|



Christine Nicole <cnicole@townofbelleair.net>

Please Help us Celebrate Teacher Appreciation Week - May 3-7!

Herendeen Elizabeth <HERENDEENE@pcsb.org>
To: Herendeen Elizabeth <HERENDEENE@pcsb.org>

Tue, Apr 13, 2021 at 3:55 PM

City and County Leaders,

Teacher Appreciation Week is **May 3-7**. Now, more than ever, our teachers need to know how much we all appreciate their dedication to students and service to our community.

We would appreciate any recognition you could give to Pinellas County's teachers that week – May 3-7.

- Marquee messages of thanks
 - #ThankATeacher; CITY NAME appreciates our teachers!; Teachers change the world!, be creative!
- Social media messages of thanks
- Proclamation recognizing Teacher Appreciation Week (a sample from last year is attached).
- And anything else no matter how big or small you can do to make sure our teachers know how much their community appreciates what they do.

It would be wonderful if our teachers were bombarded with messages of thanks as they drive to their schools throughout that week. I will also be reaching out to Chambers of Commerce, business organizations and the media to ask for their assistance as well, but would appreciate anything you could do to encourage everyone in your city to #ThankATeacher!

Thank you for your consideration.

Beth Herendeen

Director, Office of Strategic Communications

Office: 727-588-6333

Mobile: 727-637-2854

herendeene@pcsb.org



4/14/2021

Townofbelleair.net Mail - Please Help us Celebrate Teacher Appreciation Week - May 3-7!



Teacher Appreciation Week Proclamation.2020.pdf

135K

TEACHER APPRECIATION WEEK

WHEREAS, teachers open children's minds to the magic of ideas, knowledge and dreams; and

WHEREAS, teachers keep American democracy alive by laying the foundation for good citizenship; and

WHEREAS, teachers fill many roles, as listeners, explorers, role models, motivators, and mentor's and

WHEREAS, great teachers make great public schools; and

WHEREAS, teachers continue to influence us long after our school days are only memories;

NOW, THEREFORE, I, MIKE WILKINSON, Mayor of the Town of Belleair, Florida, do hereby proclaim the week of May 3-7, 2021, as Teacher Appreciation Week.

We urge that all observe this week by taking the time to recognize and acknowledge the impact teachers have had on our lives.

*GIVEN under my hand and the Seal of
the TOWN OF BELLEAIR, FLORIDA,
this 20th day of APRIL, A.D.,2021.*

MIKE WILKINSON, MAYOR



Legislation Details (With Text)

File #: 21-0104 **Version:** 1 **Name:**
Type: Presentation **Status:** General Agenda
File created: 4/14/2021 **In control:** Town Commission
On agenda: 4/20/2021 **Final action:**
Title: Presentation Thanking Sydney Wall from Girl Scout Troop 60925
Sponsors:
Indexes:
Code sections:
Attachments:

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

Summary

To: Town Commission
From: Chief Richard J. Doyle
Date: 4/20/2021

Subject:

Presentation Thanking Sydney Wall from Girl Scout Troop 60925

Summary:

Sydney Wahl of Girl Scout Troop 60925 will be in attendance tonight to read the Commission a letter she wrote to the Belleair Police Department in support of their dedication and hard work in 2020. Chief Doyle and his team will be subsequently thanking Ms. Wahl for her and her troop's kind letter and donation of cookies to the Police Department.

Previous Commission Action: N/A

Background/Problem Discussion: N/A

Expenditure Challenges N/A

Financial Implications: N/A

Recommendation: N/A

Proposed Motion N/A



Legislation Details (With Text)

File #: 21-0097 **Version:** 1 **Name:**

Type: Resolution **Status:** General Agenda

File created: 4/6/2021 **In control:** Town Commission

On agenda: 4/20/2021 **Final action:**

Title: Resolution 2021-09 - Thanking Ms. Mary Griffith

Sponsors:

Indexes:

Code sections:

Attachments: [2021-09 Thanking Ms. Mary Griffith](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

RESOLUTION NO. 2021-09

**A RESOLUTION OF THE TOWN OF BELLEAIR, FLORIDA,
THANKING MS. MARY GRIFFITH FOR HER SERVICE TO
BELLEAIR AS A MEMBER OF THE FINANCE BOARD**

WHEREAS, Ms. Mary Griffith served as a member of the Town of Belleair's Finance Board from May, 1996 through March, 2021; and

WHEREAS, the Finance Board is an essential and governing party in the capital planning, fiscal management, and financial reporting within the Town of Belleair; and

WHEREAS, Ms. Griffith's work on the Finance Board enhanced the knowledge and expertise of our elected officials, employees, and residents alike through the development of budgets and financial reports and plans; and

WHEREAS, the Town of Belleair is thankful to Ms. Griffith for her commitment to serving and bettering our community;

NOW, THEREFORE, BE IT RESOLVED, that the Town of Belleair is indebted to Ms. Mary Griffith for her service, and the Commission hence extends its gratitude by presenting this resolution to her.

FURTHER RESOLVED, that a copy of this Resolution shall be presented to Ms. Mary Griffith.

PASSED AND ADOPTED by the Town Commission of the Town of Belleair, Florida, this 20th day of April A.D., 2021

ATTEST:

Mayor

Town Clerk



Legislation Details (With Text)

File #: 21-0100 **Version:** 1 **Name:**
Type: Discussion Items **Status:** General Agenda
File created: 4/13/2021 **In control:** Town Commission
On agenda: 4/20/2021 **Final action:**
Title: Discussion of Driveways and Pavers
Sponsors:
Indexes:
Code sections:
Attachments: [Carroll Request](#)
[Indemnification Agreement.pdf](#)
[PCSIDEWALK DETAIL.pdf](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

Summary

To: Mayor and Commissioners
From: Town Staff
Date: 4/13/2021

Subject:

Discussion of Driveway and Sidewalk Paver Interface

Summary:

The Town received a request from Ms. Carroll of 9 DeSoto Place to run driveway pavers continuously to the street. Currently this is not allowed per code due to ADA concerns and maintenance.

In March of 2019, the Commission, on the recommendation of staff and the Town attorney, prohibited the installation of pavers in sidewalk paths. The primary reason of course was to address ADA concerns, as maintenance of sidewalks is the town's responsibility per code. Due to the nature of the bricks, multiple lifts and hazards can arise from the installation of the pavers. Repair and maintenance of traditional concrete panels is easier and more cost effective to inspect, level and ultimately replace than brick pavers. Due to the increased costs, particularly during road construction, staff recommended that moving forward the town enforce the previously required indemnification agreements with residents and ensure that increased costs for replacement were born by the homeowners of improved drive aisles.

If the Commission wishes to reverse this decision, I would recommend that it does so by ordinance and carefully examine the responsibility for maintenance of the sidewalks. Staff's largest concern is first liability and second on-going maintenance expense. Staff's opinion is that the town should take on neither more risk nor more expense of maintenance due to improvements of an individual homeowner.

A number of different remedies possibly exist:

1. Change the code, make maintenance and responsibility to ensure the sidewalk is safe, the

- responsibility of the owner of the affected parcel
2. Modify the current indemnification agreement, have the parcel owner agree to assume all liabilities and risk. Include specific time frame for repair, and penalties for breach. The exact terms would need to be explored by the Town Attorney
 3. In addition to 2 above require a mitigation bond
 4. Consider code modification that doesn't wholesale change all sidewalk maintenance responsibility but may amend language similar to:

“ Pavers, if installed in accordance with Pinellas County Standard Detail 1345 and subject to the following:

- a. Paver driveways shall be installed and at all times maintained in compliance with Americans with Disabilities Act (ADA) requirements, if applicable.
- b. The owner of the property served by or upon which a paver driveway is or was previously installed is solely responsible for all maintenance and repair of the paver driveway within the town right-of-way. The town shall not be liable for the costs of any maintenance, repair, or replacement including re-bordering, cleaning, re-sanding, replacing, resetting, and washing of the paver driveway or sidewalk regardless of the reason(s) requiring the maintenance or repair.
- c. In the event any property owner fails to maintain and repair the paver materials within the town right-of-way, the town may, without prior notice to the property owner, perform the necessary maintenance, repair, or replace any portion of the driveway or sidewalk within the town right-of-way, using any materials approved by this Code. In no circumstances shall the town be obligated to replace pavers. Alternatively, if the building official deems appropriate, the property owner may be given notice and an opportunity to bring the driveway into compliance with this Code. The property owner is responsible for the costs of any restoration or repairs made by the town pursuant to this chapter;
- d. A property owner, occupant, or agent shall regularly inspect a driveway or sidewalk composed of pavers. Where a driveway or sidewalk composed of pavers is in the public right-of-way and in violation of this Code, the owner, occupant, or agent thereof, must repair or replace the damage in the manner provided in this chapter for the construction of new driveway or sidewalk at their own cost. If the owner, occupant, or third party does not repair or replace the noncompliant pavers, the town may perform any repairs or replacement the town deems is warranted at the expense of the owner;
- e. No owner, occupant, or agent of any property may allow sidewalks composed of pavers to be in violation of this section
- f. The town shall not be responsible for cleaning, or repairing any damage due to trash, oils, or other debris or damage as a result of solid waste collections ;
- g. A permit shall not be issued for the installation of a paver sidewalk if the town has not

been fully compensated for prior expenses incurred in removing, repairing, or replacing a noncompliant paver sidewalk on the subject property.”

Brick pavers can have a positive impact, they are generally aesthetically pleasing, are less impervious than concrete, absorbing water and vehicular pollutants and raise property value. They are however more costly to install, maintain, and replace and present some hazard to pedestrians if not properly maintained. If the Commission wishes to reconsider, staff will work with the Town Attorney to draft changes possibly to the ordinances and the Indemnification agreement.

Previous Commission Action: N/A

Background/Problem Discussion: N/A

Expenditure Challenges N/A

Financial Implications: N/A

Recommendation: N/A

Proposed Motion No proposed motion.

On Mar 11, 2021, at 4:52 PM, pgcarroll@earthlink.net wrote:

Good afternoon, Commissioners.

I am writing today to appeal an ordinance that the Commission enacted approximately a year ago regarding sidewalks that cross driveways. We are planning to replace our driveway, which has large cracks in both the main portion and the apron, with concrete pavers. Our contractor informed us that we could not have the pavers running the length of the driveway and to the apron to meet the street without leaving the concrete sidewalk in place because of this ordinance.

In speaking with JP Murphy, he told me it was an ADA issue and that there are instances of pavers lifting in some sidewalks as a result of tree roots. After talking with our contractor, he indicated that the substrate they use is crushed concrete and that the Town has to approve the installation of the entire driveway, including that which might go "across" the sidewalk. Is it possible that a continuous run of pavers across the sidewalk area and continuing to the apron would be more stable than stopping and starting at the sidewalk with pavers on either side?

I am not a paving or paver expert, but in looking at our driveway, we may have one of the shortest aprons in the neighborhood. Ours is only 50" long, while the sidewalk is 56." I think it's going to look a bit silly to go from pavers to sidewalk to pavers.

I am appealing to the Commission to help us find a way to have our pavers run continuously to the street as we see in many instances throughout the Town. We are willing to shoulder any cost of re-setting pavers if the Town needs to have access to the right of way under our apron or on the sidewalk section. DeSoto Place was one of the early streets to be replaced several years ago, so I can't imagine that any paving would be needed for quite some time. We also pledge to keep our pavers in good condition so as not to cause any ADA issues.

I appreciate any consideration you can give us.

Best,

Gail Carroll
9 DeSoto Place



TOWN OF BELLEAIR
901 PONCE DE LEON BLVD.
BELLEAIR, FL 33756
(727) 588-3769
WWW.TOWNOFBELLAIR.COM

Return to: Christine Torok
Town Clerk, Town of Belleair
901 Ponce de Leon Boulevard
Belleair, FL 33756

INDEMNIFICATION AGREEMENT

THIS INDEMNIFICATION AGREEMENT (the "Agreement") is entered into effective as of the ____ day of ____, ____, by _____, whose address is _____ (the "Property Owner") in favor of the Town of Belleair, a Florida municipal corporation, (the "Town"), whose address is 901 Ponce de Leon, Belleair, Florida, 33756.

RECITALS

- A. The Property Owner owns certain real property in the Town of Belleair more particularly described as (actual address) (parcel number).
- B. A concrete public sidewalk, dedicated as a public right-of-way and maintained by the Town, abuts the Property.
- C. The Town is generally required to maintain areas dedicated to the Town as right-of-way.
- D. The Property Owner has installed or intends to install a decorative driveway and driveway apron for aesthetic purposes that encroaches the Town's right-of-way (such encroachment shall be referred to as the "Sidewalk Area").
- E. The Town is generally concerned about the health, welfare and safety of its citizenry.
- F. While the Town does not permit a Property Owner to install foreign decorative materials within the Sidewalk Area, the Town shall permit the Property Owner to install or leave the foreign decorative materials in the Sidewalk Area provided that the Property Owner enters into this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and conditions, and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the parties agree as follows:

AGREEMENT

1. **Recitals.** The above recitals are true and correct and are incorporated herein by this reference.
2. **Installation.** The Town generally does not permit a property owner to install foreign decorative materials in the Town's Sidewalk Area and the concrete sidewalk right-of-way that is dedicated to the Town. The Town shall permit the Property Owner to install or leave the foreign decorative materials in the Sidewalk Area provided the Property Owner enters into and complies with this agreement and complies with any additional requirements and conditions the Town may have for the installation of these decorative materials.

3. **Indemnification.** The Property Owner, and his or her heirs, successors or assigns, hereby agree jointly and severally, unconditionally, and irrevocably to indemnify, defend and hold harmless the Town from any loss, liability, cost, personal injury, expense or damage of any and every kind whatsoever (including without limitation, court costs and attorneys' fees and expenses) which at any time or from time to time may be suffered or incurred by any party in connection with the Property Owner's installation of decorative materials within the Sidewalk Area. Nothing contained herein shall be construed as a waiver of any immunity or levitation of liability that the Town may have under the doctrine of sovereign immunity or Section 768.28, Florida Statutes.
4. **Acknowledgment.** The Property Owner acknowledges that the Sidewalk Area is a part of a publically dedicated right-of-way, and that the Property Owner has installed decorative materials in the Sidewalk Area at his or her own risk.
5. **Maintenance Repair**
 - a. The Town shall repair or maintain the public dedicated right-of-way concrete sidewalks exclusive of the Sidewalk Area, with materials the Town deems appropriate in the Town's sole discretion. If the Town, for any reason, shall be required to repair or remove any portion of the Sidewalk Area, the Town shall not be obligated to return the Sidewalk Area to its original condition and shall not be obligated to replace the Sidewalk Area with any decorative materials. Notwithstanding the foregoing and except as provided below the Property Owner shall have the option of repairing or replacing the Sidewalk Area with foreign or decorative materials, at the Property Owner's own cost and using the Property Owner's own agents, contractors, or materialmen ("Replacement Option"). If the Town needs to maintain, repair or remove the Sidewalk Area, the Town, as a courtesy, shall provide the Property Owner at least five (5) days written notice of such maintenance or repair ("Notice"). This notice requirement shall not apply in the event of any emergency maintenance or repair and, in all cases, the Town shall have no liability for the failure to provide this Notice. If the Property Owner selects the Replacement Option, the Property Owner must notify the Town in writing by certified mail of his or her desire for this option within five (5) days of the Town's Notice of maintenance, repair or removal. The Property Owner acknowledges that the Property Owner shall comply with any and all of the Town's requirements and conditions for the Property Owner's replacement of the Sidewalk Area. The Property Owner's failure to satisfy any of the Town's requirements and conditions shall be a breach of this Agreement. If the Property Owner does not replace or repair the Sidewalk Area within the time frame set forth by the Town, the Town shall repair the Sidewalk Area using materials the Town deems appropriate in the Town's sole discretion. If the Property Owner selects the Replacement Option and completes the replacement or repair, the Town shall reimburse the Property Owner an amount equal to the Town's estimate of the cost to the Town for such replacement or repair of the Sidewalk Area using the materials the Town deems appropriate. The Town's estimate of such costs shall be final and binding on all parties.

Moreover, if the Property Owner selects Replacement Option, the Property Owner,

and his or her heirs, successors or assigns, hereby agree jointly and severally, unconditionally, and irrevocably to indemnify, defend and hold harmless the Town from any loss, liability, cost, personal injury, expense or damage of any and every kind whatsoever (including without limitation, court costs and attorneys' fees and expenses) which at any time or from time to time may be suffered or incurred by any party in connection with the Property owner's installation of decorative materials within the Sidewalk Area. Nothing contained herein shall be construed as a waiver of any immunity or levitation of liability that the Town may have under the doctrine of sovereign immunity or Section 768.28, Florida Statutes.

- b. Notwithstanding Section 74-516 of the Town Code, the Property Owner shall be responsible for the maintenance and repair of the Sidewalk Area. If the Property Owner fails to maintain the Sidewalk Area in a manner acceptable to the Town, in the Town's sole discretion, the Town shall remove the decorative materials from the Sidewalk Area and replace it with a standard concrete sidewalk. If the Town replaces the decorative materials in the Sidewalk Area with a standard concrete sidewalk because of the Property Owner's failure to maintain the Sidewalk Area in a manner acceptable to the Town, in the Town's sole discretion, the Replacement Option described in 5(a) above shall not be available to the Property Owner.
6. **Recording.** This Agreement shall be recorded in the public records in Pinellas County in order to put future heirs, successors, purchasers and assigns of this Property on notice of this Agreement. This Agreement is binding upon all future heirs, successors, purchasers and assigns of Property and shall run with the land. The Property Owner shall bear the cost of recording this Agreement.
7. **Attorney's Fees.** In the event of any litigation arising out of or connected in any manner with this Agreement, the non-prevailing party shall pay the costs of the prevailing party, including its reasonable attorney and paralegal fees and expenses incurred in connection therewith through and including the costs of any appeals and appellate costs relating thereto.
8. **Severability.** In case any one or more provisions contained in this Indemnity shall, for any reason, be held invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had not been contained herein.
9. **Entire Agreement.** This Agreement contains the entire understanding among the parties and supersedes any prior written or oral agreement between them respecting the subject matter of this Agreement. There are no representations, agreements, arrangements, or understandings, verbally or written, between the parties hereto relating to the subject matter of this Agreement which are not fully expressed herein.



TOWN OF BELLEAIR
901 PONCE DE LEON BLVD.
BELLEAIR, FL 33756
(727) 588-3769
WWW.TOWNOFBELLAIR.COM

IN WITNESS WHEREOF, the undersigned has executed this Agreement as of the date first written above.

WITNESSES

Property Owner: _____

Signature of Witness 1: _____

Print/Type Name of Witness 1: _____

Signature of Witness 2: _____

Print/Type Name of Witness 2: _____

**STATE OF FLORIDA
COUNTY OF PINELLAS**

The foregoing instrument was acknowledged before me, this ____ day of _____, _____, by _____ "Property Owner", who is personally known to me or has produced _____ (type of identification) as identification.

Signature of Person Taking Acknowledgment: _____

Name of Acknowledger Typed, Printed, or Stamped: _____

(NOTARY SEAL)

Notary Public, State of Florida

Notarial Serial Number: _____



TOWN OF BELLEAIR
901 PONCE DE LEON BLVD.
BELLEAIR, FL 33756
(727) 588-3769
WWW.TOWNOFBELLEAIR.COM

Property Owner: _____

Signature of Witness 1: _____

Print/Type Name of Witness 1: _____

Signature of Witness 2: _____

Print/Type Name of Witness 2: _____

**STATE OF FLORIDA
COUNTY OF PINELLAS**

The foregoing instrument was acknowledged before me, this ____ day of _____, _____,
by _____ Property Owner, who is personally known to me or
has produced _____ (type of
identification) as identification.

Signature of Person Taking Acknowledgment: _____

Name of Acknowledger Typed, Printed or Stamped: _____

(NOTARY SEAL)

Notary Public, State of Florida

Notarial Serial Number: _____

TOWN OF BELLEAIR
A Florida Municipal Corporation

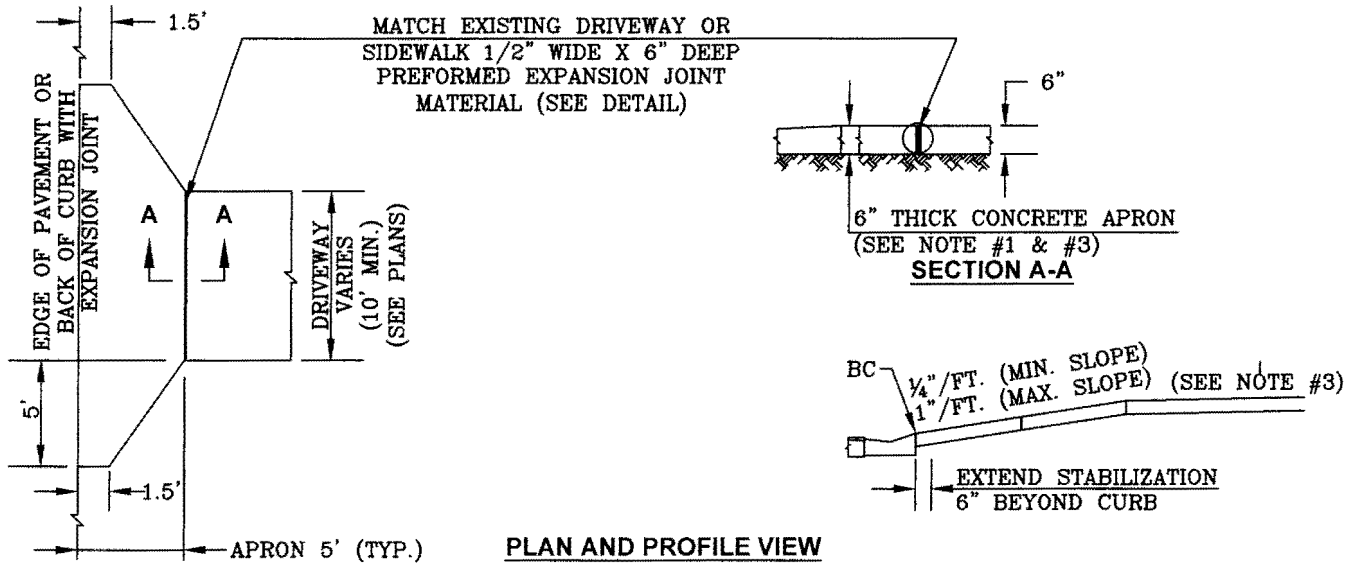
ATTEST:

Christine Torok, Town Clerk: _____

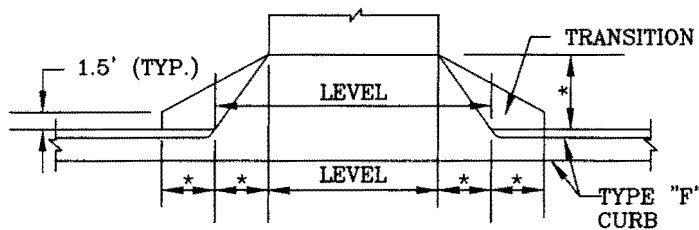
JP Murphy, Town Manager: _____

NOTES:

1. CONCRETE DRIVEWAY APRONS AND SIDEWALK CROSSINGS SHALL BE CONSTRUCTED OF CONCRETE PAVEMENT (3000 PSI), 6" THICK REINFORCED WITH 6" X 6" #10/#10 WELDED WIRE FABRIC, (2" MINIMUM COVER FROM THE BOTTOM.)
2. FIBER REINFORCED CONCRETE 3000 PSI (MIN.) MAY BE USED IN PLACE OF THE REQUIREMENTS OF NO. 1 ABOVE.
3. CONSTRUCTION OF APRON/DRIVEWAY CROSS SLOPES AND SIDEWALK CROSS SLOPE THROUGH THE DRIVEWAY SHALL COMPLY WITH F.D.O.T. INDEX NO. 515 FOR ADA REQUIREMENTS.
4. REMOVE TREE ROOTS WITHIN 10" OF PROPOSED GRADE.
5. WHEN THERE IS EXISTING SIDEWALK CROSSING THE PROPOSED DRIVEWAY, IT MUST BE REMOVED TO THE NEAREST JOINT BEYOND THE DRIVEWAY.
6. SIDEWALKS ADJACENT TO LOT PROPERTY LINES SHALL NOT HAVE A CROSS SLOPE GREATER THAN 2% PER F.D.O.T. INDEX 310.
7. CORNER LOTS INVOLVING HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH F.D.O.T. INDEX 304 FOR SIDEWALK AND RAMP CONSTRUCTION.

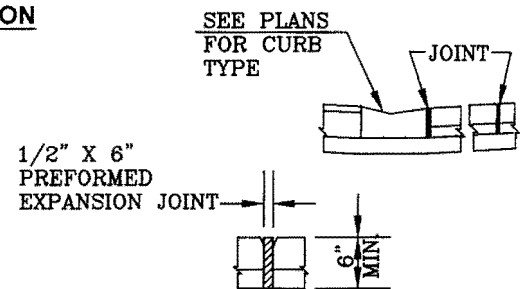


TYPE "A" CURB DRIVEWAY APRON



(*) SEE FDOT INDEX No. 515 FOR DIMENSIONS

TYPE "F" CURB DRIVEWAY APRON



JOINT DETAIL

PINELLAS COUNTY

CONCRETE DRIVEWAY APRON

DETAIL INDEX I.D.:

1340

DATE:

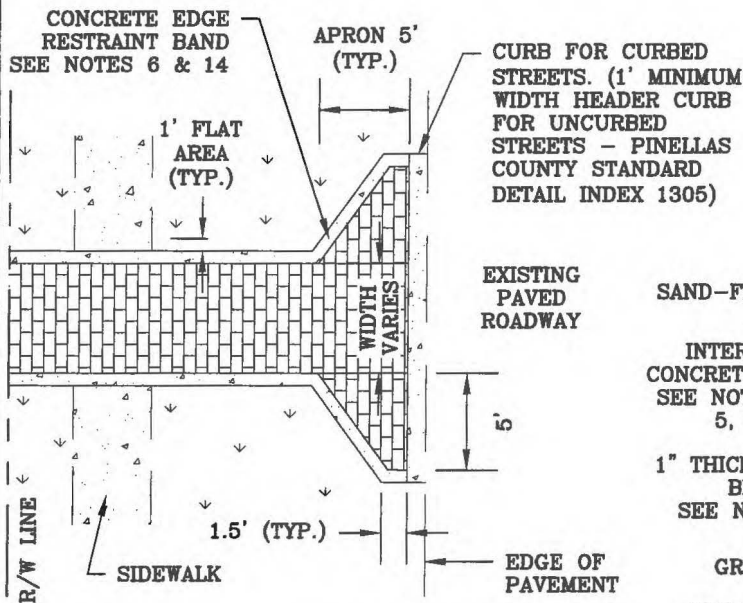
FEB/2016

IVAN J. FERNANDEZ, P.E.

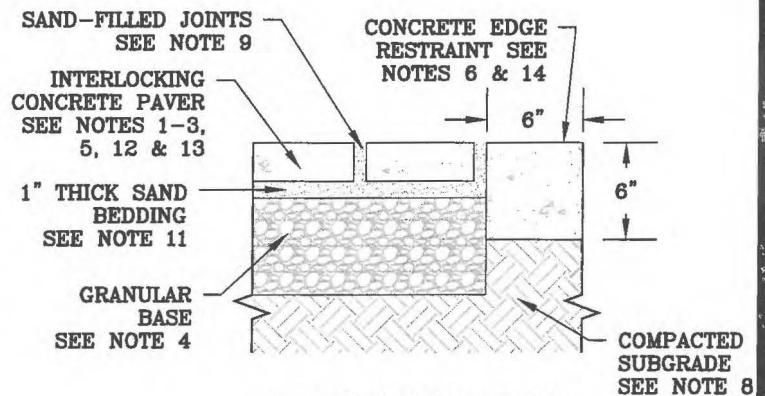
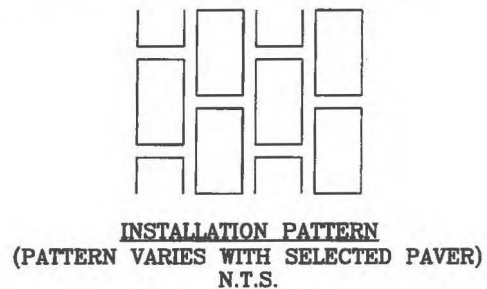
REVISION:

NOTES:

1. Interlocking paving units shall generally be installed in accordance with manufacturer's requirements.
2. Minimum Paver Thickness: 2-3/8" (Concrete), 2-1/4" (Clay Brick).
3. Concrete Pavers to conform to ASTM C936. Clay Brick Pavers to conform to ASTM C902.
4. Granular Base shall be in accordance with manufacturer's requirements (6" min.). Granular base shall be Limerock (LBR 100) or Crushed Concrete (Graded Aggregate) compacted to at least 98% modified Proctor Density (ASTM D1557).
5. Coloring or dye shall be uniform throughout each concrete paver unit. Dipped or externally colored paver units are unacceptable.
6. Curb will need to be constructed along the roadway edge of pavement at the driveway. As an alternate, on streets without curbing, a minimum 12-inch width is acceptable (per Pinellas County Standard Details Index 1305). A minimum of 6-inch wide and 6-inch deep concrete edge restraint band is required along each side of the driveway to contain the architectural pavers, on top of soil compacted to 98% modified Proctor density (ASTM D1557). All concrete shall meet FDOT specifications for Class I Concrete.
7. Final finished surface shall be of uniform elevation or slope.
8. Subgrade shall be free of clay, organics, or other materials which will allow future settlement and compacted to 98% AASHTO T-180-57 or ASTM D1557.
9. Polymeric sand or other joint filling material, as approved by the County Engineer, shall be installed between pavers. Joint sand shall meet the grading requirements of ASTM C144 or CSA-A179. Bedding sand may be used for joint sand. Joint width shall not exceed 1/8".
10. The cross slope on any required pedestrian path crossing a driveway and/or drive apron cannot exceed 2%.
11. Sand Bedding material shall be a clean, non-plastic bedding and joint sand, free from deleterious or foreign matter, natural or manufactured from crushed rock, and shall meet the grading requirements of ASTM C33 or CSAA23.1-FA1. Do not use joint sand for bedding. Sand bedding should be placed to an even thickness of 1-inch. Do not use the sand to fill depressions in the granular base.
12. In accordance with the 2010 ADA (Americans with Disabilities Act) Standards for Accessible Design (403, 405, 406) the surface texture of pavers shall be vibration free with a limit of 1/4" or less rise not more than every 30 inches. Pavers shall be installed in a tight uniform configuration that provides a smooth surface for wheelchair users.
13. Pavers shall not impede drainage or result in any ponding of water. Existing drainage flows shall not be altered.
14. Alternate edge treatments may be submitted for approval to the county by the property owner.



TYPICAL LAYOUT
N.T.S.



TYPICAL CROSS SECTION
N.T.S.

PINELLAS COUNTY

RESIDENTIAL DRIVEWAY/SIDEWALK PAVER DETAIL

DETAIL INDEX I.D.:

1345

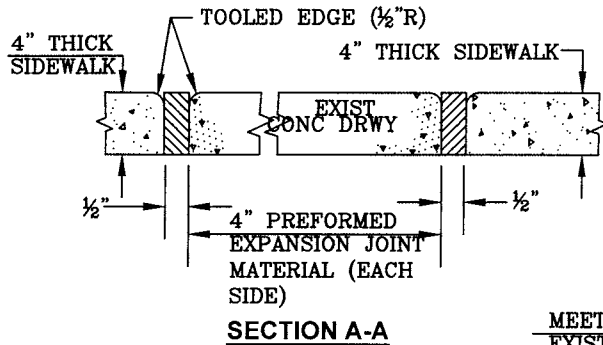
DATE: 11/1/16 NOV/2016

IVAN J. FERNANDEZ, P.E.

REVISION:

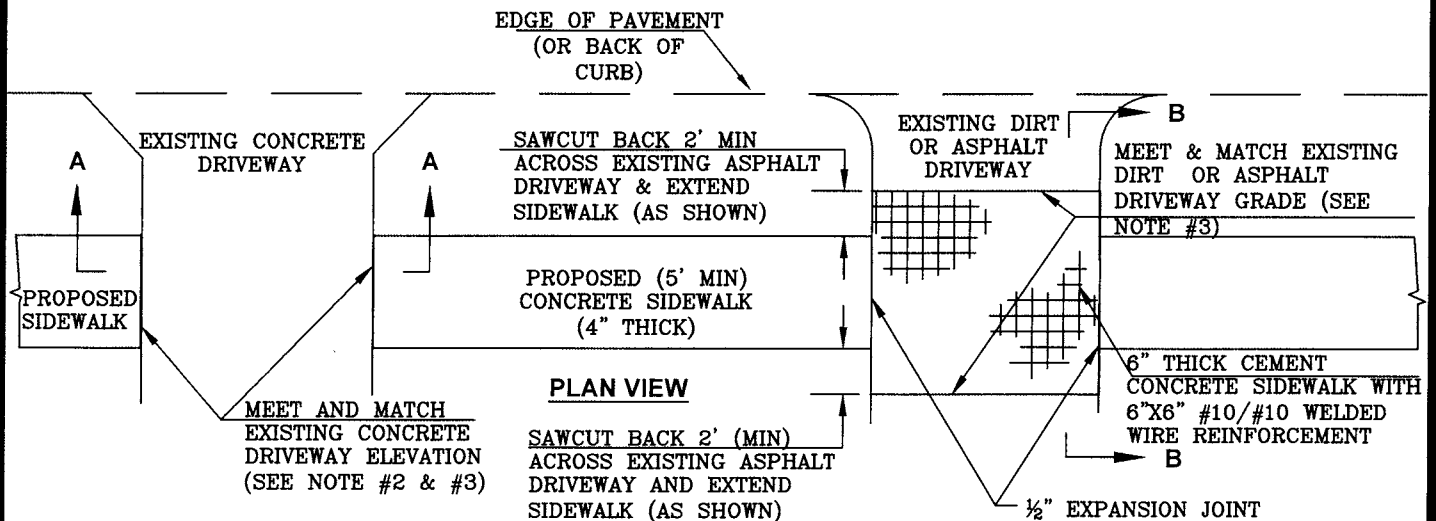
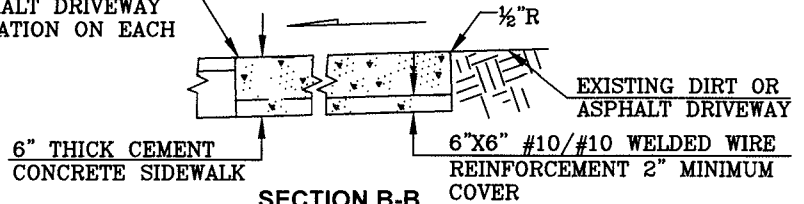
NOTES:

1. SEE PLANS FOR LIMITS OF SIDEWALKS AT ALL DRIVEWAYS.
2. PLACE $\frac{1}{2}$ " EXPANSION JOINT WHERE CONCRETE ABUTS CONCRETE CURBS, SIDEWALKS DRIVEWAYS.
3. SIDEWALK SHALL COMPLY WITH F.D.O.T. INDEX No. 515 AND PINELLAS COUNTY ORDINANCES.
(SEE INDEX No. 1340)
4. REMOVE TREE ROOTS WITHIN 10" OF PROPOSED GRADE.
5. SIDEWALKS ALONG RURAL CROSS SECTION ROADWAYS WHERE VEHICLES CAN CROSS THE SIDEWALK SHALL BE 6" THICK.



MEET AND MATCH EXISTING DIRT OR ASPHALT DRIVEWAY ELEVATION ON EACH SIDE

SLOPE TO MATCH EXISTING DRIVEWAY
REFER TO F.D.O.T. INDEX No. 515
FOR ADA REQUIREMENTS IF SLOPE
EXCEEDS 0.02'/FT



PINELLAS COUNTY

**SIDEWALK THROUGH EXISTING
DRIVEWAYS**

DETAIL INDEX I.D.:

1353

DATE:

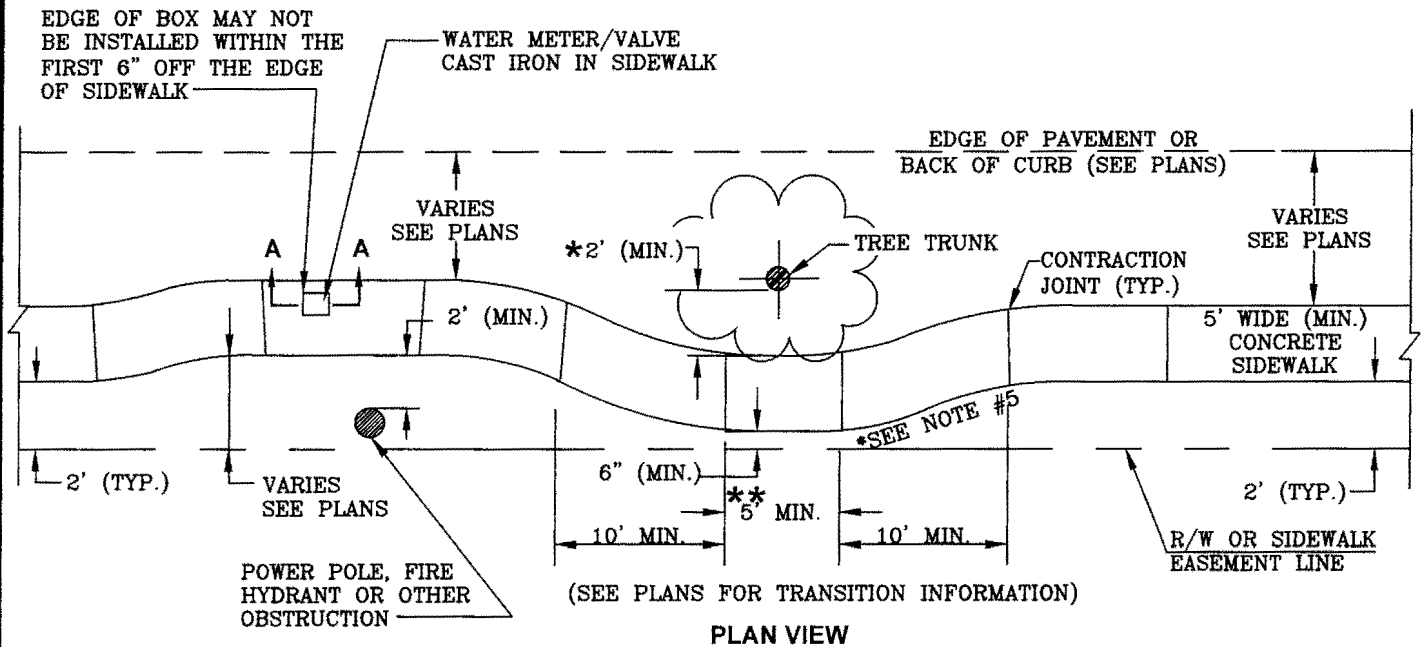
FEB/2016

IVAN J. FERNANDEZ, P.E.

REVISION:

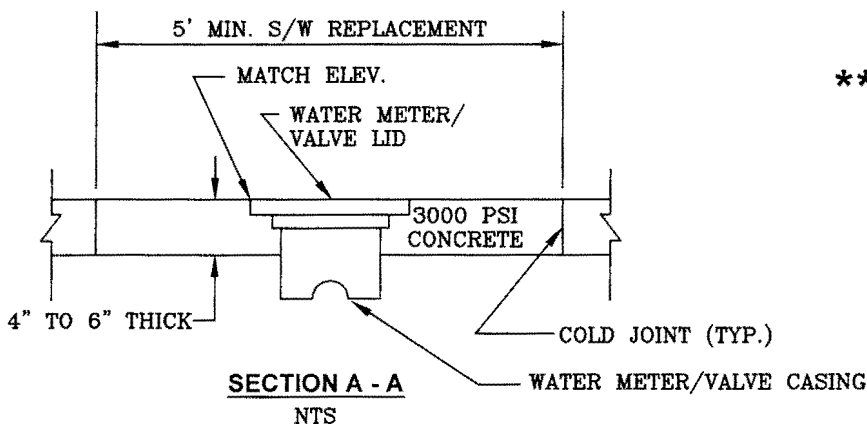
NOTES:

1. ADJUST SIDEWALK TO AVOID OBSTRUCTIONS, AS SHOWN, OR AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH F.D.O.T. MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS AND HIGHWAYS - LATEST EDITION ("FLORIDA GREEN BOOK").
2. CONSTRUCTION OF SIDEWALKS SHALL MEET ADA REQUIREMENTS AS SPECIFIED IN F.D.O.T. INDEX NOS. 515 AND 304.
3. POWER POLES SHALL BE MOVED WHEN POSSIBLE.
4. TREES SHALL BE PRUNED BY AN ISA CERTIFIED ARBORIST IN ACCORDANCE WITH ANSI-A300 GUIDELINES TO MAINTAIN VERTICAL CLEARANCE: 9 FT. FOR SIDEWALKS AND 18 FT. FOR ROADS.
5. MAXIMUM LATERAL DEFLECTION SHALL BE 5:1.
6. REMOVE TREE ROOTS WITHIN 10" OF PROPOSED GRADE.
7. CONTRACTION JOINTS SHALL MEET F.D.O.T. INDEX No. 310.
8. ANY NECESSARY PRUNING SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST IN ACCORDANCE WITH ANIS-A300 STANDARDS.



*THIS MINIMUM DIMENSION MAY NEED ADJUSTMENT BASED ON THE DIAMETER, HEALTH AND SPECIES OF THE TREE. ADJUSTMENTS REQUIRE PRE-APPROVAL OF THE COUNTY ENGINEER

**CENTERED ON VERTICAL OBSTRUCTION- SIDEWALK SHALL BE 6" THICK ALONG THIS LENGTH (5'-0" MIN.)



PINELLAS COUNTY

**GUIDELINES FOR SIDEWALK
ALIGNMENT**

DETAIL INDEX I.D.:

1357

DATE:

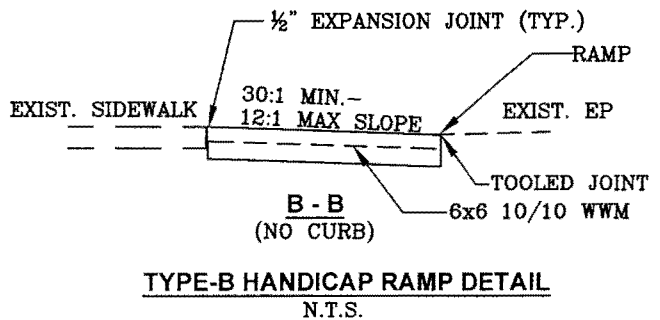
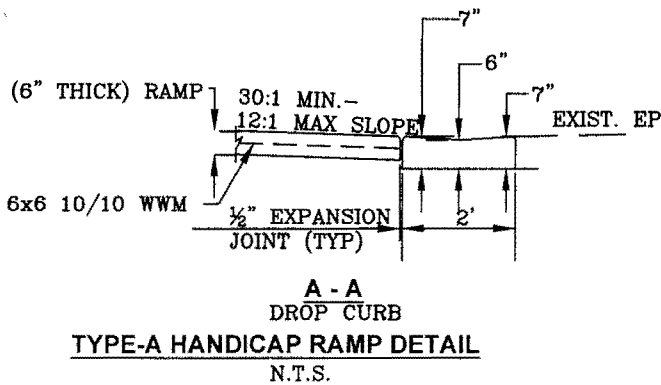
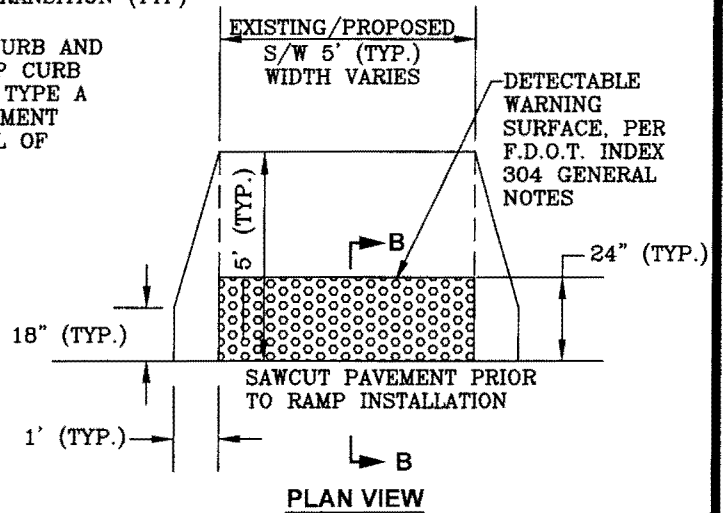
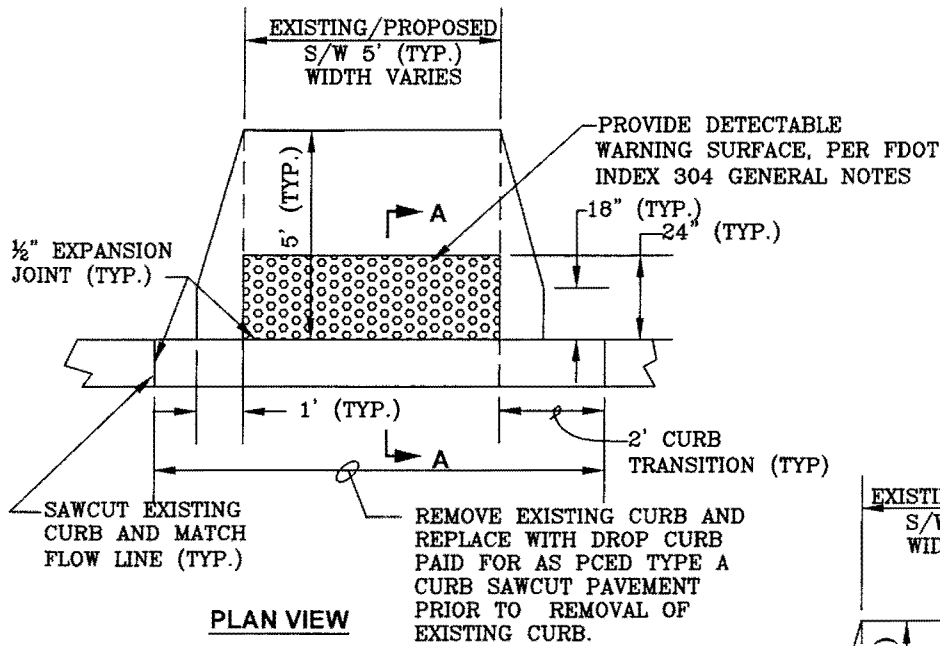
FEB/2016

IVAN J. FERNANDEZ, P.E.

REVISION:

NOTE:

1. 6" THICK w/6x6 10/10 WWM REINFORCED CLASS I (3000 PSI) CONCRETE RAMP (TYP. FOR TYPE A & B).



PINELLAS COUNTY

**P.C.E.D. TYPE "A" AND "B"
HANDICAP RAMP DETAIL**

DETAIL INDEX I.D.:

1360

DATE:

FEB/2016

IVAN J. FERNANDEZ, P.E.

REVISION:



Legislation Details (With Text)

File #: 21-0106 **Version:** 1 **Name:**
Type: Discussion Items **Status:** General Agenda
File created: 4/15/2021 **In control:** Town Commission
On agenda: 4/20/2021 **Final action:**
Title: Approval of Professional Engineering Services for Indian Rocks Road Phase 1 (from Mehlenbacher Road to north of Poinsettia Road) by RS&H
Sponsors:
Indexes:
Code sections:
Attachments: [Indian Rocks Rd PH 1 RS&H Design Proposed Fee 041521](#)
[Indian Rocks Rd PH 1 RS&H Design Scope of Services 041521](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

Summary

To: Mayor Mike Wilkinson, Commissioners
From: Keith A. Bodeker
Date: 4/15/2021

Subject:

Approval of Professional Engineering Services for design of Indian Rocks Road Phase 1 (from Mehlenbacher Road to north of Poinsettia Road) by RS&H

Summary:

Staff is seeking Commission approval for Professional Engineering Services for design of Indian Rocks Road Phase 1 (from Mehlenbacher Road to north of Poinsettia Road) by RS&H. This design work will address the full reconstruction and grading of the existing roadway as well as take care of several drainage concerns along this roadway segment. The design work will also include a multiuse path along the east side of Indian Rocks Road.

Previous Commission Action: N/A

Background/Problem Discussion: Indian Rocks Road is a heavily traveled roadway within town limits and is in need repair in multiple locations. There are also a few areas that need to have some drainage concerns addressed. Staff is looking to engage the professional engineering services of RS&H to start the design work for this first segment of Indian Rocks Road. This work is being started now in anticipation of receiving some grant funding to help fund the construction of this design.

Expenditure Challenges N/A

Financial Implications: The total cost for the Professional Engineering Services for design of Indian Rocks Road Phase 1 (from Mehlenbacher Road to north of Poinsettia Road) by RS&H will be \$170,868.38.

Recommendation: Staff recommends the Commission move approval for the Professional Engineering Services for the design of Indian Rocks Road Phase 1 (from Mehlenbacher Road to north of Poinsettia Road) by RS&H in the amount of \$170,868.38.

Proposed Motion I move approval of the Professional Engineering Services for the design of Indian Rocks Road Phase 1 (from Mehlenbacher Road to north of Poinsettia Road) by RS&H in the amount of \$170,868.38.

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Indian Rocks Road Reconstruction (Phase I)
 County: Pinellas
 FPN: PW-19.3
 FAP No.: N/A

Consultant Name: RS&H, Inc.
 Consultant No.: enter consultants proj. number
 Date: 4/15/2021
 Estimator: Vincent Shine

| Staff Classification | Total Staff Hours From "SH Summary - Firm" | Project Officer | Project Manager | Senior Engineer | Design Engineer | Engineering Technician | Senior Env. Scientist | Environmental Scientist | Clearical | | | | | | | | | SH | Salary | Average |
|---|--|-----------------|-----------------|-----------------|-----------------|------------------------|-----------------------|-------------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|---------------------|-----------------|
| | | | | | | | | | | | | | | | | | | By Activity | Cost By Activity | Rate Per Task |
| | | \$297.55 | \$270.67 | \$182.96 | \$183.46 | \$140.55 | \$179.16 | \$96.68 | \$81.24 | | | | | | | | | | | |
| 3. Project Common and Project General Tasks | 71 | 4 | 35 | 18 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | \$15,094.29 | \$212.60 |
| 4. Roadway Analysis | 225 | 0 | 11 | 23 | 101 | 79 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 225 | \$37,712.00 | \$167.61 |
| 5. Roadway Plans | 110 | 0 | 5 | 6 | 16 | 77 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110 | \$16,696.26 | \$151.78 |
| 6a. Drainage Analysis | 101 | 0 | 0 | 76 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 | \$18,491.46 | \$183.08 |
| 6b. Drainage Plans | 135 | 0 | 0 | 33 | 34 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 | \$21,832.72 | \$161.72 |
| 7. Utilities | 48 | 0 | 2 | 5 | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | \$7,218.69 | \$150.39 |
| 8. Environmental Permits, Compliance & Clearances | 13 | 0 | 1 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | \$1,957.27 | \$150.56 |
| 19. Signing & Pavement Marking Analysis | 72 | 4 | 0 | 25 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | \$11,807.85 | \$164.00 |
| 20. Signing & Pavement Marking Plans | 24 | 0 | 0 | 4 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | \$3,542.84 | \$147.62 |
| Total Staff Hours | 799 | 8 | 54 | 190 | 176 | 340 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 799 | | |
| Total Staff Cost | | \$2,380.40 | \$14,616.18 | \$34,762.40 | \$32,288.96 | \$47,787.00 | \$0.00 | \$0.00 | \$2,518.44 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | \$134,353.38 | \$168.15 |

Survey Field Days by Subconsultant
 4 - Person Crew:

- Notes:
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

RS&H Approved by (Signature): Vincent Shine

RS&H Approved By (Printed): Vincent Shine, PE

Date: 04/15/21

Town of Belleair Approved by (Signature): _____

Town of Belleair Approved By (Printed): _____

Date: _____

SALARY RELATED COSTS:
 OVERHEAD: 0.0000% \$0.00
 OPERATING MARGIN: 0.0000% \$0.00
 FCCM (Facilities Capital Cost Money): 0.0000% \$0.00
 EXPENSES: 0.0000% \$0.00
 Survey (Field - if by Prime) 0 4-person crew days @ \$ - / day \$0.00
SUBTOTAL ESTIMATED FEE: \$134,353.38
 Subconsultant: McKim \$36,415.00
 Subconsultant: 0 \$0.00
 Subconsultant: 0 \$0.00
SUBTOTAL ESTIMATED FEE: \$170,768.38
 Permitting Fee \$100.00
SUBTOTAL ESTIMATED FEE: \$170,868.38
 Optional Services \$0.00
GRAND TOTAL ESTIMATED FEE: \$170,868.38

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: PW-19.3

Project Name: Indian Rocks Road Reconstruction (Phase I)

FAP Number: N/A

Date: 4/15/2021

Name of Consultant: RS&H, Inc.

| WORK ACTIVITY | Hours from "Summary" sheet | EMPLOYEE CLASSIFICATION | | | | | | | | | | | | | | | | TOTAL STAFF HOURS | | ON CADD |
|---|----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------------|-----------------------------------|---------------------------------------|--------------------|------------|-------|-------|-------|-------|-------|-------|-------|----------------------|---------|---------|
| | Firm Total Hours | Project Officer Hours | Project Manager Hours | Senior Engineer Hours | Design Engineer Hours | Engineering Technician Hours | Senior Env. Scientist Hours | Environmen- tal Scientist Hours | Clearical Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | RANGE | PERCENT | |
| | | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | | | |
| 3. Project Common and Project General Tasks | 71 | 4 | 35 | 18 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 78 | |
| 4. Roadway Analysis | 225 | 0 | 11 | 23 | 101 | 79 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 225 | 248 | |
| 5. Roadway Plans | 110 | 0 | 5 | 6 | 16 | 77 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110 | 121 | |
| 6a. Drainage Analysis | 101 | 0 | 0 | 76 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 | 111 | |
| 6b. Drainage Plans | 135 | 0 | 0 | 33 | 34 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 | 149 | |
| 7. Utilities | 48 | 0 | 2 | 5 | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 53 | |
| 8. Environmental Permits, Compliance & Clearances | 13 | 0 | 1 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 14 | |
| 19. Signing & Pavement Marking Analysis | 72 | 4 | 0 | 25 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 79 | |
| 20. Signing & Pavement Marking Plans | 24 | 0 | 0 | 4 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 26 | |
| TOTALS | 799 | 8 | 54 | 190 | 176 | 340 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 799 | 879 | |
| Field Survey Estimate: | | | | | | | | | | FIRM TOTAL | | | | | | | | 799 | 879 | |
| 0 4-person crew days | | | | | | | | | | | | | | | | | | | | |
| Notes: | | | | | | | | | | | | | | | | | | | | |

Notes:

1. This worksheet provides the distribution of a firm's total staff hours for a project.
2. Percentages for staff hour distribution by classification are entered below in rows 64 to 98 of this sheet.
3. Total Staff Hours (column O) may not match staff hours from Summary worksheet (column B) due to rounding. Staff hours calculated for employee classifications are to be adjusted so totals in columns B and O match.
4. Formulas under "Total Staff Hours Range" (columns O & P) may be adjusted to provide desired range.

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: PW-19.3

Project Name: Indian Rocks Road Reconstruction (Phase I)

FAP Number: N/A

Date: 4/15/2021

Name of Consultant: RS&H, Inc.

| Staff Hour Distribution Percentages - Firm Total | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|--------------------|--------------------|--------------------|---------------------------|--------------------------|-----------------------------|----------|------|------|------|------|------|------|------|------|---------|
| | Hours from "Summary" sheet Firm Total | Project Officer | Project Manager | Senior Engineer | Design Engineer | Engineering Technician | Senior Env. Scientist | Environmen tal Scientist | Clerical | | | | | | | | | Total |
| 3. Project Common and Project General Tasks | 71 | 5.0% | 50.0% | 25.0% | 0.0% | 0.0% | 0.0% | 0.0% | 20.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| 4. Roadway Analysis | 225 | 0.0% | 5.0% | 10.0% | 45.0% | 35.0% | 0.0% | 0.0% | 5.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| 5. Roadway Plans | 110 | 0.0% | 5.0% | 5.0% | 15.0% | 70.0% | 0.0% | 0.0% | 5.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| 6a. Drainage Analysis | 101 | 0.0% | 0.0% | 75.0% | 25.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| 6b. Drainage Plans | 135 | 0.0% | 0.0% | 25.0% | 25.0% | 50.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| 7. Utilities | 48 | 0.0% | 5.0% | 10.0% | 0.0% | 85.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| 8. Environmental Permits, Compliance & Clearances | 13 | 0.0% | 5.0% | 0.0% | 0.0% | 95.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| 19. Signing & Pavement Marking Analysis | 72 | 5.0% | 0.0% | 35.0% | 0.0% | 60.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| 20. Signing & Pavement Marking Plans | 24 | 0.0% | 0.0% | 15.0% | 0.0% | 85.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Indian Rocks Road Reconstruction (Phase I)
 County: Pinellas
 FPN: PW-19.3
 FAP No.: N/A

Consultant Name: McKim
 Consultant No.: enter consultants proj. number
 Date: 4/15/2021
 Estimator: David O'Brien

| Staff Classification | Total Staff Hours From "SH Summary - Firm" | Regional Surveyor | Project Surveyor | Survey Technician | | | | | | | | | | SH By Activity | Salary Cost By Activity | Average Rate Per Task |
|-------------------------------------|--|-------------------|------------------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-------------------------|-----------------------|
| | | \$170.00 | \$140.00 | \$105.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | |
| 27. Survey (Field & Office Support) | 79 | 4 | 28 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 9,535.00 | 120.70 |
| Total Staff Hours | 79 | 4 | 28 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | | |
| Total Staff Cost | | \$680.00 | \$3,920.00 | \$4,935.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | 9,535.00 | 120.70 |

Check = \$9,535.00

Notes:
 1. This sheet to be used by Subconsultant to calculate its fee.

| | | |
|---|----------------------|--------------------|
| SALARY RELATED COSTS: | | \$9,535.00 |
| OVERHEAD: | 0% | \$0.00 |
| OPERATING MARGIN: | 0% | \$0.00 |
| FCCM (Facilities Capital Cost Money): | 0.00% | \$0.00 |
| EXPENSES: | 0.00% | \$0.00 |
| SUBTOTAL ESTIMATED FEE: | | \$9,535.00 |
| Survey (Field) | 14 | |
| Titlework (O & E Reports) Subcontracted | 3-person crew days @ | 1,920.00 |
| SUBTOTAL ESTIMATED FEE: | | \$36,415.00 |
| Optional Services | | \$0.00 |
| GRAND TOTAL ESTIMATED FEE: | | \$36,415.00 |

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: PW-19.3

Project Name: Indian Rocks Road Reconstruction (Phase I)

FAP Number: N/A

Date: 4/15/2021

Name of Consultant: McKim

| WORK ACTIVITY | Hours from "Summary" sheet | EMPLOYEE CLASSIFICATION | | | | | | | | | | | | TOTAL STAFF HOURS | ON CADD |
|---|-------------------------------|-------------------------|---------------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------|----------------------|---------|
| | Firm Total | Regional Surveyor | Project Surveyor | Survey Technician | | | | | | | | | | | |
| | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | RANGE | PERCENT |
| 27. Survey (Field & Office Support) | 79 | 4 | 28 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 87 |
| TOTALS | 79 | 4 | 28 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 87 |
| Field Survey Estimate: 14 4-person crew days | | | | | | | | | | | | | FIRM TOTAL | 79 | 87 |

Notes:

1. This worksheet provides the distribution of a firm's total staff hours for a project.
2. Percentages for staff hour distribution by classification are entered below in rows 64 to 98 of this sheet.
3. Total Staff Hours (column O) may not match staff hours from Summary worksheet (column B) due to rounding. Staff hours calculated for employee classifications are to be adjusted so totals in columns B and O match.
4. Formulas under "Total Staff Hours Range" (columns O & P) may be adjusted to provide desired range.

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: PW-19.3

Project Name: Indian Rocks Road Reconstruction (Phase I)

FAP Number: N/A

Date: 4/15/2021

Name of Consultant: McKim

| Staff Hour Distribution Percentages - Firm Total | | | | | | | | | | | | | | |
|--|---|----------------------|---------------------|----------------------|------|------|------|------|------|------|------|------|------|---------|
| | Hours from "Summary" sheet Firm Total | Regional Surveyor | Project Surveyor | Survey Technician | | | | | | | | | | Total |
| 27. Survey (Field & Office Support) | 79 | 5.0% | 35.0% | 60.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |

Project Activity 3: General Tasks

Estimator: Vincent Shine

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | Print Name | Signature / Date |
|-----------------------|------------|------------------|
| Town of Belleair | | |
| Consultant Name: RS&H | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|--|------------------------------------|-------|-------------|-------------|-------------|---|
| 3a.1 | Public Involvement | | | | | |
| 3a.1.1 | Community Awareness Plan | LS | 1 | 0 | 0 | N/A |
| 3a.1.2 | Notifications | LS | 1 | 0 | 0 | N/A |
| 3.1.3 | Prepare Mailing Lists | LS | 1 | 0 | 0 | N/A |
| 3.1.4 | Median Modification Letters | LS | 1 | 0 | 0 | N/A |
| 3.1.5 | Driveway Modification Letters | LS | 1 | 0 | 0 | N/A |
| 3.1.6 | Newsletters | LS | 1 | 0 | 0 | N/A |
| 3.1.7 | Renderings and Fly Throughs | LS | 1 | 0 | 0 | N/A |
| 3.1.8 | PowerPoint Presentation | LS | 1 | 0 | 0 | N/A |
| 3.1.9 | Public Meeting Preparations | LS | 1 | 0 | 0 | N/A |
| 3.1.10 | Public Meeting Attendance/Followup | LS | 1 | 0 | 0 | N/A |
| 3.1.11 | Other Agency Meetings | LS | 2 | 4 | 8 | Based on 2 Local Government Meetings (FDOT & Pinellas County) |
| 3.1.12 | Web Site | LS | 1 | 0 | 0 | N/A |
| 3.1 Public Involvement Subtotal | | | | | 8 | |

Project Activity 3: General Tasks

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|--|--|-------|-------------|-------------|-------------|---|
| 3.2 | Joint Project Agreements | EA | 0 | 0 | 0 | N/A |
| 3.3 | Specifications Package Preparation | LS | 1 | 8 | 8 | The consultant will review the specifications package prepared by Town |
| 3.4 | Contract Maintenance and EDMS | LS | 1 | 40 | 40 | Based on 12 month duration. Initial set up that includes subconsultant agreements, file setup, Work Breakdown Structure for budget distribution, project design schedule, and project specific QC Plan = Sub-Total 16 hrs 2 hrs per month afterwards for 12 months for processing subconsultant invoices, preparation of monthly invoice, prepare progress report and payout curve = Sub-Total 24 hrs TOTAL = 40 hrs |
| 3.5 | Value Engineering (Multi-Discipline Team) Review | LS | 1 | 0 | 0 | N/A |
| 3.6 | Prime Consultant Project Manager Meetings | LS | 1 | 7 | 7 | See listing below |
| 3.7 | Plans Update | LS | 1 | 0 | 0 | N/A |
| 3.8 | Post Design Services | LS | 1 | 0 | 0 | N/A |
| 3.9 | Digital Delivery | LS | 1 | 4 | 4 | Roadway PE (2 hrs), Drainage PE (1 hrs), Traffic PE (1 hrs) |
| 3.10 | Risk Assessment Workshop | LS | 1 | 0 | 0 | N/A |
| 3.11 | Railroad, Transit, and/or Airport Coordination | LS | 2 | 2 | 4 | Meeting with PSTA for Bus Stop Locations |
| 3.12 | Landscape and Existing Vegetation Coordination | LS | 1 | 0 | 0 | N/A |
| 3.13 | Other Project General Tasks | LS | 1 | 0 | 0 | N/A |
| 3. Project Common and Project General Tasks Total | | | | | 71 | |

Project Activity 3: General Tasks

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|---|----------------------------|--------------|--------------------|--------------------|--------------------|--|
| 3.6 - List of Project Manager Meetings | | Units | No of Units | Hours/ Unit | Total Hours | Comments |
| | Roadway Analysis | EA | 1 | 0 | 0 | |
| | Drainage | EA | 0 | 0 | 0 | |
| | Utilities | EA | 1 | 3 | 3 | Attend Design Meeting - Virtual |
| | Environmental | EA | 1 | 0 | 0 | |
| | Structures | EA | 0 | 0 | 0 | |
| | Signing & Pavement Marking | EA | 0 | 0 | 0 | |
| | Signalization | EA | 1 | 0 | 0 | |
| | Lighting | EA | 0 | 0 | 0 | |
| | Landscape Architecture | EA | 0 | 0 | 0 | |
| | Survey | EA | 0 | 0 | 0 | |
| | Photogrammetry | EA | 0 | 0 | 0 | |
| | ROW & Mapping | EA | 0 | 0 | 0 | |
| | Terrestrial Mobile LiDAR | EA | 0 | 0 | 0 | |
| | Architecture | EA | 0 | 0 | 0 | |
| | Noise Barriers | EA | 0 | 0 | 0 | |
| | ITS Analysis | EA | 0 | 0 | 0 | |
| | Geotechnical | EA | 0 | 0 | 0 | |
| | Progress Meetings | EA | 0 | 0 | 0 | |
| | Phase Reviews | EA | 2 | 0 | 0 | |
| | Field Reviews | EA | 1 | 4 | 4 | |
| Total Project Manager Meetings | | | 7 | | 7 | Total PM Meeting Hours carries to Task 3.6 above |

Notes:

1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.
2. Do not double count agency meetings between permitting agencies.
3. Project manager meetings are calculated in each discipline sheet and brought forward to Column D, except for Photogrammetry.

Project Activity 4: Roadway Analysis

Estimator:

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | Print Name | Signature / Date |
|-----------------------|------------|------------------|
| Town of Belleair | | |
| Consultant Name: RS&H | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|--|--|-------|-------------|-------------|-------------|---|
| 4.1 | Typical Section Package | LS | 1 | 0 | 0 | N/A |
| 4.2 | Pavement Type Selection Report | LS | 1 | 0 | 0 | N/A |
| 4.3 | Pavement Design Package | LS | 1 | 10 | 10 | Prepare Pavement Design per FPDM using existing AADT. |
| 4.4 | Cross-Slope Correction | LS | 1 | 0 | 0 | N/A |
| 4.5 | Horizontal /Vertical Master Design Files | LS | 1 | 90 | 90 | Low Range, Reconstruction. - Horizontal Set Short project - 3,186 ft along Indian Rocks Road and based on 200 hrs for 1st mile 3,186 ft/ 5,280 ft / mi X 200 hrs / mile = 200 hrs X 25% (Horizontal) = 90 hrs TOTAL = 90 hrs |
| 4.6 | Access Management | LS | 1 | 0 | 0 | N/A |
| 4.7 | Roundabout Evaluation | LS | 1 | 0 | 0 | N/A |
| 4.8 | Roundabout Final Design Analysis | LS | 1 | 0 | 0 | N/A |
| 4.9 | Cross Section Design Files | LS | 1 | 36 | 36 | Low Range, cross section spacing at 100 ft, Length = 3,186 ft 3,186 ft. / 5,280 ft / mile X 60 hrs/mile = 36 hrs |
| 4.10 | Traffic Control Analysis | LS | 1 | 0 | 0 | N/A |
| 4.11 | Master TCP Design Files | LS | 1 | 0 | 0 | N/A |
| 4.12 | Selective Clearing and Grubbing | LS | 1 | 0 | 0 | N/A |
| 4.13 | Tree Disposition Plan | LS | 1 | 0 | 0 | N/A |
| 4.14 | Design Exceptions | LS | 1 | 0 | 0 | N/A |
| 4.15 | Design Documentation | LS | 1 | 0 | 0 | N/A |
| 4.16 | Quantities | LS | 1 | 40 | 40 | |
| 4.17 | Cost Estimate | LS | 1 | 14 | 14 | Engineer's Estimate - First estimate 10 hrs + 1 updates at 4 hrs each = 14 hrs |
| 4.18 | Technical Special Provisions | LS | 1 | 0 | 0 | N/A |
| 4.19 | Other Roadway Analyses | LS | 1 | 0 | 0 | N/A |
| Roadway Analysis Technical Subtotal | | | | | 190 | |

Project Activity 4: Roadway Analysis

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|---|-----------------------------------|-------|-------------|-------------|-------------|--------------------------------------|
| 4.20 | Field Reviews | LS | 1 | 8 | 8 | 1 Field Review * (4 hours x 2 staff) |
| 4.21 | Monitor Existing Structures | LS | 1 | 0 | 0 | N/A |
| 4.22 | Technical Meetings | LS | 1 | 0 | 0 | Meetings are listed below |
| 4.23 | Quality Assurance/Quality Control | LS | % | 5% | 10 | |
| 4.24 | Independent Peer Review | LS | % | 0% | 0 | N/A |
| 4.25 | Supervision | LS | % | 5% | 10 | |
| Roadway Analysis Nontechnical Subtotal | | | | | 28 | |
| 4.26 | Coordination | LS | % | 3% | 7 | |
| 4. Roadway Analysis Total | | | | | 225 | |

| Technical Meetings | Units | No of Units | Hours/ Unit | Total Hours | PM Attendance at Meeting Required? | Number |
|---|-------|-------------|-------------|-------------|--|----------|
| Typical Section | EA | 0 | 0 | 0 | | 0 |
| Pavement | EA | 0 | 0 | 0 | | 0 |
| Access Management | EA | 0 | 0 | 0 | | 0 |
| 15% Line and Grade | EA | 0 | 0 | 0 | | 0 |
| Driveways | EA | 0 | 0 | 0 | | 0 |
| Local Governments (cities, counties, MPO) | EA | 0 | 0 | 0 | | 0 |
| Work Zone Traffic Control | EA | 0 | 0 | 0 | | 0 |
| 60% and 90% Technical / Comment Review Meetings | EA | 0 | 0 | 0 | | 0 |
| Other Meetings | EA | 0 | 0 | 0 | | 0 |
| Subtotal Technical Meetings | | | | 0 | Subtotal Project Manager Meetings | 0 |
| Progress Meetings (if required by County) | EA | 0 | 0 | 0 | PM attendance at Progress Meetings is manually entered on General Task 3 | -- |
| Phase Review Meetings | EA | 0 | 0 | 0 | PM attendance at Phase Review Meetings is manually entered on General Task 3 | -- |
| Total Meetings | | | | 0 | Total Project Manager Meetings (carries to Tab 3) | 0 |

Carries to 4.17

Carries to Tab 3

Project Activity 5: Roadway Plans

Estimator:

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | | Print Name | Signature / Date |
|-----------------------|--|------------|------------------|
| Town of Belleair | | | |
| Consultant Name: RS&H | | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Scale | Units | No. of Units or Sheet | Hours/ Unit or Sheet | Total Hours | Comments |
|----------|---|-------|-------|-----------------------|----------------------|-------------|--|
| 5.1 | Key Sheet | | Sheet | 1 | 2 | 2 | |
| 5.2 | Summary of Pay Items Including Quantity Input | | Sheet | 1 | 4 | 4 | |
| 5.3 | Typical Section Sheets | | | | | | |
| 5.3.1 | Typical Sections | | EA | 2 | 3 | 6 | Roadway Typical & Shared Use Path |
| 5.3.2 | Typical Section Details | | EA | 1 | 2 | 2 | Utility Details Provided by Town |
| 5.4 | General Notes/Pay Item Notes | | Sheet | 1 | 1 | 1 | |
| 5.5 | Summary of Quantities Sheets | | Sheet | 0 | 0 | 0 | N/A |
| 5.6 | Project Layout | | Sheet | 0 | 0 | 0 | N/A |
| 5.7 | Plan/Profile Sheet | | Sheet | 0 | 0 | 0 | N/A |
| 5.8 | Profile Sheet | | Sheet | 6 | 3 | 34 | 6 Sheets @ 3 hrs per sheet (40' scale) + 16 hrs for back of sidewalk profile |
| 5.9 | Plan Sheet | | Sheet | 6 | 3 | 18 | 6 Sheets @ 3 hrs per sheet (40' scale) |
| 5.10 | Special Profile | | Sheet | 1 | 4 | 4 | Curb Return Profiles |
| 5.11 | Back-of-Sidewalk Profile Sheet | | Sheet | 0 | 0 | 0 | N/A - Included in Tab 5.8 |
| 5.12 | Interchange Layout Sheet | | Sheet | 0 | 0 | 0 | N/A |
| 5.13 | Ramp Terminal Details (Plan View) | | Sheet | 0 | 0 | 0 | N/A |
| 5.14 | Intersection Layout Details | | Sheet | 0 | 0 | 0 | N/A |
| 5.15 | Special Details | | EA | 0 | 0 | 0 | N/A |

Project Activity 5: Roadway Plans

| Task No. | Task | Scale | Units | No. of Units or Sheet | Hours/ Unit or Sheet | Total Hours | Comments |
|---|--|-------|-------|-----------------------|----------------------|-------------|-----------------------|
| 5.16 | Cross-Section Pattern Sheet(s) | | Sheet | 0 | 0 | 0 | N/A |
| 5.17 | Roadway Soil Survey Sheet(s) | | Sheet | 1 | 0 | 0 | N/A |
| 5.18 | Cross Sections | | EA | 32 | 0.25 | 8 | 3,186 ft/ 100 ft = 32 |
| 5.19 | Temporary Traffic Control Plan Sheets | | Sheet | 0 | 0 | 0 | N/A |
| 5.20 | Temporary Traffic Control Cross Section Sheets | | EA | 0 | 0 | 0 | N/A |
| 5.21 | Temporary Traffic Control Detail Sheets | | Sheet | 1 | 2 | 2 | TTCP General Notes |
| 5.22 | Utility Adjustment Sheets | | Sheet | 6 | 3 | 18 | |
| 5.23 | Selective Clearing and Grubbing Sheet(s) | | | | | | N/A |
| 5.23.1 | Selective Clearing and Grubbing | | Sheet | 0 | 0 | 0 | N/A |
| 5.23.2 | Selective Clearing and Grubbing Details | | Sheet | 0 | 0 | 0 | N/A |
| 5.24 | Tree Disposition Sheet(s) | | | | | | |
| 5.24.1 | Tree Disposition Plan Sheet(s) | | Sheet | 1 | 0 | 0 | N/A |
| 5.24.2 | Tree Disposition Plan Tables and Schedules | | Sheet | 1 | 0 | 0 | N/A |
| 5.25 | Project Network Control Sheet(s) | | Sheet | 1 | 1 | 1 | |
| 5.26 | Environmental Detail Sheets | | Sheet | 0 | 0 | 0 | N/A |
| 5.27 | Utility Verification Sheet(s) (SUE Data) | | Sheet | 1 | 0 | 0 | |
| Roadway Plans Technical Subtotal | | | | | | 100 | |
| 5.28 | Quality Assurance/Quality Control | | LS | % | 5% | 5 | |
| 5.29 | Supervision | | LS | % | 5% | 5 | |
| 5. Roadway Plans Total | | | | | | 110 | |

Project Activity 6a: Drainage Analysis

Estimator:

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | Print Name | Signature / Date |
|-----------------------|------------|------------------|
| Town of Belleair | | |
| Consultant Name: RS&H | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|----------|--|----------------------|-------------|-------------|-------------|---|
| 6a.1 | Drainage Map Hydrology | Per Map | 2 | 4 | 8 | |
| 6a.2 | Base Clearance Report | Per Location | 0 | 0 | 0 | NA |
| 6a.3 | Pond Siting Analysis and Report | Per Basin | 0 | 0 | 0 | NA |
| 6a.4 | Design of Cross Drains | EA | 0 | 0 | 0 | NA |
| 6a.5 | Design of Ditches | Per Ditch Mile | 1 | 0 | 0 | NA |
| 6a.6 | Design of Stormwater Management Facility (Offsite or Infield Pond) | EA | 0 | 0 | 0 | NA |
| 6a.7 | Design of Stormwater Management Facility (Roadside Ditch as Linear Pond) | Per Cell | 0 | 0 | 0 | NA |
| 6a.8 | Design of Floodplain Compensation | Per Floodplain Basin | 0 | 0 | 0 | NA |
| 6a.9 | Design of Storm Drains | EA | 17 | 2.5 | 43 | Assume 1 inlet for each side of the road every 300 lf. Assume that minimal gutter grade of 0.3% will be achieved. |
| 6a.10 | Optional Culvert Material | EA | 0 | 0 | 0 | |
| 6a.11 | French Drain Systems | Per Cell | 0 | 0 | 0 | NA |
| 6a.12 | Drainage Wells | EA | 0 | 0 | 0 | NA |
| 6a.13 | Drainage Design Documentation Report | LS | 1 | 20 | 20 | Short technical memorandum. Will include closed collection system calculations as attachment. |
| 6a.14 | Bridge Hydraulic Report | EA | 0 | 0 | 0 | NA |

Project Activity 6a: Drainage Analysis

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|--|---|-------|-------------|-------------|-------------|---|
| 6a.15 | Temporary Drainage Analysis | LS | 1 | 4 | 4 | |
| 6a.16 | Cost Estimate | LS | 1 | 0 | 0 | NA |
| 6a.17 | Technical Special Provisions | LS | 0 | 0 | 0 | NA |
| 6a.18 | Other Drainage Analysis | LS | 1 | 0 | 0 | NA |
| Drainage Analysis Technical Subtotal | | | | | 75 | |
| 6a.19 | Field Reviews | LS | 1 | 6 | 6 | Field review hours include documentation of visit and photographs |
| 6a.20 | Technical Meetings | LS | 1 | 9 | 9 | Pre-app meeting with SWFWMD plus meetings with Town of Belleair |
| 6a.21 | Environmental Look-Around (ELA) Meeting | LS | 1 | 0 | 0 | N/A |
| 6a.22 | Quality Assurance/Quality Control | LS | % | 5% | 4 | |
| 6a.23 | Independent Peer Review | LS | % | 0% | 0 | NA |
| 6a.24 | Supervision | LS | % | 5% | 4 | |
| Drainage Analysis Nontechnical Subtotal | | | | | 23 | |
| 6a.25 | Coordination | LS | % | 3% | 3 | |
| 6a. Drainage Analysis Total | | | | | 101 | |

| Technical Meetings | Units | No of Units | Hours/ Unit | Total Hours | PM Attendance at Meeting Required? | Number |
|---|-------|-------------|-------------|-------------|--|----------|
| Base Clearance Water Elevation | EA | 0 | 0 | 0 | | 0 |
| Pond Siting | EA | 0 | 0 | 0 | | 0 |
| Agency | EA | 1 | 3 | 3 | yes | 0 |
| Local Governments (cities, counties) | EA | 2 | 3 | 6 | yes | 0 |
| FDOT Drainage | EA | 0 | 0 | 0 | | 0 |
| Other Meetings | EA | 0 | 0 | 0 | | 0 |
| Subtotal Technical Meetings | | | | 9 | | 0 |
| Progress Meetings (if required by County) | EA | 0 | 0 | 0 | PM attendance at Progress Meetings is manually entered on General Task 3 | -- |
| Phase Review Meetings | EA | 0 | 0 | 0 | PM attendance at Phase Review Meetings is manually entered on General Task 3 | -- |
| Total Meetings | | | | 9 | Total Project Manager Meetings (carries to Tab 3) | 0 |

Carries to 6.19

Carries to Tab 3

6b. Drainage Plans

Estimator:

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | Print Name | Signature / Date |
|-----------------------|------------|------------------|
| Town of Belleair | | |
| Consultant Name: RS&H | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Scale | Units | No. of Units or Sheet | Hours/ Unit or Sheet | Total Hours | Comments |
|--|---|-------|-------|-----------------------|----------------------|-------------|----------|
| 6b.1 | Drainage Map (Including Interchanges) | | Sheet | 2 | 24 | 48 | |
| 6b.2 | Bridge Hydraulics Recommendation Sheets | | Sheet | 0 | 0 | 0 | NA |
| 6b.3 | Summary of Drainage Structures | | Sheet | 1 | 24 | 24 | |
| 6b.4 | Optional Pipe/Culvert Material | | Sheet | 0 | 0 | 0 | |
| 6b.5 | Drainage Structure Sheet(s) (Per Structure) | | EA | 17 | 2.5 | 43 | |
| 6b.6 | Miscellaneous Drainage Detail Sheets | | Sheet | 0 | 0 | 0 | NA |
| 6b.7 | Lateral Ditch Plan/Profile | | Sheet | 0 | 0 | 0 | NA |
| 6b.8 | Lateral Ditch Cross Sections | | EA | 0 | 0 | 0 | NA |
| 6b.9 | Retention/Detention Ponds Detail Sheet(s) | | Sheet | 0 | 0 | 0 | NA |
| 6b.10 | Retention Pond Cross Sections | | EA | 0 | 0 | 0 | NA |
| 6b.11 | Erosion Control Plan Sheet(s) | | Sheet | 0 | 0 | 0 | NA |
| 6b.12 | SWPPP Sheet(s) | | Sheet | 3 | 2 | 6 | |
| Drainage Plans Technical Subtotal | | | | | | 121 | |
| 6b.13 | Quality Assurance/Quality Control | | LS | % | 7% | 8 | |
| 6b.14 | Supervision | | LS | % | 5% | 6 | |
| 6. Drainage Plans Total | | | | | | 135 | |

Project Activity 7: Utilities

Estimator:

Indian Rocks Road Reconstruction (Phase I)
PW-19.3

| Representing | Print Name | Signature / Date |
|------------------|------------|------------------|
| Town of Belleair | | |
| RS&H | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments | |
|---------------------------|---|-------|-------------|-------------|-------------|---|--|
| 7.1 | Utility Kickoff Meeting | LS | 0 | 0 | 0 | N/A | |
| 7.2 | Identify Existing Utility Agency Owners (UAO(s)) | LS | 1 | 0 | 0 | N/A | |
| 7.3 | Make Utility Contacts | LS | 6 | 1 | 6 | 60% submittal to UAO's to allow UAO's to prepare draft RGB's and UWS and 100% submittal to finalize RGB's and UWS | |
| 7.4 | Exception Processing | LS | 0 | 0 | 0 | N/A | |
| 7.5 | Preliminary Utility Meeting | LS | 0 | 0 | 0 | N/A | |
| 7.6 | Individual/Field Meetings | LS | 1 | 0 | 0 | N/A | |
| 7.7 | Collect and Review Plans and Data from UAO(s) | LS | 6 | 2 | 12 | collect draft RGB and UWS at 60% design conference, collect 100% final UAO documents | |
| 7.8 | Subordination of Easements Coordination | LS | 1 | 0 | 0 | N/A | |
| 7.9 | Utility Design Meeting | LS | 1 | 4 | 4 | 60% submittal - prepare meeting agenda, sign in sheet, schedule meeting, attendance, meeting minutes, UAO follow up | |
| 7.10 | Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements | LS | 5 | 0 | 0 | N/A | |
| 7.11 | Utility Coordination/Followup | LS | 1 | 6 | 6 | 6 UAO's x 1 hour each = 6 | |
| 7.12 | Utility Constructability Review | LS | 5 | 0 | 0 | N/A | |
| 7.13 | Additional Utility Services | LS | 0 | 0 | 0 | N/A | |
| 7.14 | Processing Utility Work by Highway Contractor (UWHC) | LS | 0 | 0 | 0 | N/A | |
| 7.15 | Contract Plans to UAO(s) | LS | 1 | 0 | 0 | N/A | |
| 7.16 | Certification/Close-Out | LS | 1 | 0 | 0 | N/A | |
| 7.17 | Other Utilities | LS | 1 | 20 | 20 | Prepare utility relocation plans provided by the Town RGB's | |
| 7. Utilities Total | | | | | 48 | | |

Project Activity 7: Utilities

| Technical Meetings | Units | No of Units | Hours/ Unit | Total Hours | PM Attendance at Meeting Required? | Number |
|---|-------|-------------|-------------|-------------|--|----------|
| Kickoff (see 7.1) | EA | 0 | 0 | 0 | | 0 |
| Preliminary Meeting (see 7.5) | EA | 0 | 0 | 0 | | 0 |
| Individual UAO Meetings (see 7.6) | EA | 0 | 0 | 0 | | 0 |
| Field Meetings (see 7.6) | EA | 1 | 0 | 0 | | 0 |
| Design Meeting (see 7.9) | EA | 0 | 0 | 0 | yes | 4 |
| Other Meetings (<i>this is automatically added into Utilities Total (cell F27)</i>) | EA | 0 | 0 | 0 | | 0 |
| Total Meetings | | | | 0 | Total Project Manager Meetings (carries to Tab 3) | 4 |

Carries to Tab 3

Project Activity 8: Environmental Permits

Estimator:

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | Print Name | Signature / Date |
|-----------------------|------------|------------------|
| Town of Belleair | | |
| Consultant Name: RS&H | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments |
|----------|---|---------------|--------------|--------------|-------------|--|
| | Environmental Permits, Compliances and Clearances | | | | | |
| 8.1 | Preliminary Project Research | LS | 1 | 2 | 2 | Review available GIS data. Collect and review existing permit documentation to assess previously permitted wetland impacts, mitigation, etc. |
| | Permits | | | | | |
| 8.2 | Field Work | | | | | |
| 8.2.1 | Pond Site Alternatives | per pond site | 0 | 0 | 0 | N/A |
| 8.2.2 | Establish Wetland Jurisdictional Lines and Assessments | LS | 1 | 0 | 0 | N/A |
| 8.2.3 | Species Surveys | LS | 1 | 0 | 0 | N/A |
| 8.2.4 | Archeological Surveys | LS | 1 | 0 | 0 | N/A |
| 8.3 | Agency Verification of Wetland Data | LS | 1 | 0 | 0 | N/A |
| 8.4 | Complete And Submit All Required Permit Applications | | | | | |
| 8.4.1 | Complete and Submit All Required Wetland Permit Applications | LS | 1 | 0 | 0 | N/A |
| 8.4.2 | Complete and Submit All Required Species Permit Applications | LS | 1 | 0 | 0 | N/A |
| 8.5 | Prepare Dredge and Fill Sketches (as needed) | LS | 1 | 0 | 0 | N/A |
| 8.6 | Prepare USCG Permit Sketches | LS | 1 | 0 | 0 | N/A |
| 8.7 | Prepare Water Management District Right-of-Way Occupancy Permit | LS | 1 | 0 | 0 | N/A |
| 8.8 | Prepare Coastal Construction Control Line (CCCL) Permit Application | LS | 1 | 0 | 0 | N/A |
| 8.9 | Prepare Tree Permit Information | LS | 1 | 0 | 0 | N/A |
| 8.10 | Mitigation Design | LS | 1 | 0 | 0 | N/A |

Project Activity 8: Environmental Permits

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments |
|---|---|-------|--------------|--------------|-------------|---------------------------|
| 8.11 | Mitigation Coordination and Meetings | LS | 1 | 0 | 0 | N/A |
| 8.12 | Other Environmental Permits | LS | 1 | 8 | 8 | SWFWMD permit. |
| | Environmental Clearances/Reevaluations | | | | | |
| 8.13 | Technical support to Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only) | | | | | |
| 8.13.1 | NEPA or SEIR Reevaluation | LS | 0 | 0 | 0 | N/A |
| 8.13.2 | Archaeological and Historical Features | LS | 0 | 0 | 0 | N/A |
| 8.13.3 | Wetland Impact Analysis | LS | 0 | 0 | 0 | N/A |
| 8.13.4 | Essential Fish Habitat | LS | 0 | 0 | 0 | N/A |
| 8.13.5 | Wildlife and Habitat Impact Analysis | LS | 0 | 0 | 0 | N/A |
| 8.13.6 | Section 7 or Section 10 Consultation | LS | 0 | 0 | 0 | N/A |
| 8.14 | Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation) | | | | | |
| 8.14.1 | NEPA or SEIR Reevaluation | LS | 0 | 0 | 0 | N/A |
| 8.14.2 | Archaeological and Historical Features | LS | 0 | 0 | 0 | N/A |
| 8.14.3 | Wetland Impact Analysis | LS | 0 | 0 | 0 | N/A |
| 8.14.4 | Essential Fish Habitat | LS | 0 | 0 | 0 | N/A |
| 8.14.5 | Wildlife and Habitat Impact Analysis | LS | 0 | 0 | 0 | N/A |
| 8.14.6 | Section 7 or Section 10 Consultation | LS | 0 | 0 | 0 | N/A |
| 8.15 | Contamination Impact Analysis | LS | 0 | 0 | 0 | N/A |
| 8.16 | Asbestos Survey | LS | 0 | 0 | 0 | N/A |
| Environmental Permits, Compliance, and Clearances/Reevaluations Technical Subtotal | | | | | 10 | |
| 8.17 | Technical Meetings | LS | 1 | 0 | 0 | Meetings are listed below |
| 8.18 | Quality Assurance/Quality Control | LS | % | 7% | 1 | |
| 8.19 | Supervision | LS | % | 5% | 1 | |
| Environmental Permits, Compliance and Clearances Nontechnical Subtotal | | | | | 2 | |

Project Activity 8: Environmental Permits

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments |
|--|--------------|-------|--------------|--------------|-------------|----------|
| 8.20 | Coordination | LS | % | 3% | 1 | |
| 8. Environmental Permits, Compliance and Clearances Total | | | | | 13 | |

| Technical Meetings | Units | No of Units | Hours/ Unit | Total Hours | PM Attendance at Meeting Required? | Number |
|---|-------|-------------|-------------|-------------|---|----------|
| WMD | EA | 1 | 0 | 0 | no | 1 |
| NMFS | EA | 0 | 0 | 0 | | 0 |
| USACE | EA | 0 | 0 | 0 | | 0 |
| USCG | EA | 0 | 0 | 0 | | 0 |
| USFWS | EA | 0 | 0 | 0 | | 0 |
| FFWCC | EA | 0 | 0 | 0 | | 0 |
| FDOT | EA | 0 | 0 | 0 | | 0 |
| Other Meetings | EA | 0 | 0 | 0 | | 0 |
| Subtotal Technical Meetings | | | | 0 | Subtotal Project Manager Meetings | 1 |
| Progress Meetings (if required by County) | EA | 0 | 0 | 0 | <i>PM attendance at Progress Meetings is manually entered on General Task 3</i> | - - |
| Phase Review Meetings | EA | 0 | 0 | 0 | <i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i> | - - |
| Total Meetings | | | | 0 | Total Project Manager Meetings (carries to Tab 3) | 1 |

Carries to 8.18

Carries to Tab 3

Project Activity 19: Signing and Pavement Marking Analysis

Estimator: Chowdhury Haider

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | Print Name | Signature / Date |
|-----------------------|------------|------------------|
| Town of Belleair | | |
| Consultant Name: RS&H | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments |
|--|---------------------------------------|-------|--------------|--------------|-------------|---|
| 19.1 | Traffic Data Analysis | LS | 1 | 0 | 0 | N/A |
| 19.2 | No Passing Zone Study | LS | 1 | 0 | 0 | N/A |
| 19.3 | Reference and Master Design File | LS | 1 | 50 | 50 | Project is 0.6 miles (3,186 ft) along Indian Rocks Road, two-lane undivided residential area with unsignalized intersections. |
| 19.4 | Multi-Post Sign Support Calculations | EA | 0 | 0 | 0 | N/A |
| 19.5 | Sign Panel Design Analysis | EA | 0 | 0 | 0 | N/A |
| 19.6 | Sign Lighting/Electrical Calculations | EA | 0 | 0 | 0 | N/A |
| 19.7 | Quantities | LS | 3 | 2 | 6 | Quantities are to be taken for the project as a whole project and at plan sheet level. Three submittals (90%, Final & S&S). |
| 19.8 | Cost Estimate | LS | 3 | 0 | 0 | |
| 19.9 | Technical Special Provisions | LS | 1 | 0 | 0 | |
| 19.10 | Other Signing and Pavement Marking | LS | 1 | 0 | 0 | |
| Signing and Pavement Marking Analysis Technical Subtotal | | | | | 56 | |
| 19.11 | Field Reviews | LS | 1 | 4 | 4 | Field trip (1 person X 1 trip X 4hrs/trip) |
| 19.12 | Technical Meetings | LS | 2 | 2 | 4 | |
| 19.13 | Quality Assurance/Quality Control | LS | % | 5% | 3 | |
| 19.14 | Independent Peer Review | LS | % | 0% | 0 | |
| 19.15 | Supervision | LS | % | 5% | 3 | |
| Signing and Pavement Marking Analysis Nontechnical Subtotal | | | | | 14 | |
| 19.16 | Coordination | LS | % | 3% | 2 | |
| 19. Signing and Pavement Marking Analysis Total | | | | | 72 | |

Project Activity 19: Signing and Pavement Marking Analysis

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments | |
|------------------------------------|---|-------|--------------|--------------|-------------|---|----------|
| Technical Meetings | | Units | No of Units | Hours/ Unit | Total Hours | PM Attendance at Meeting Required? | Number |
| | Sign Panel Design (Internal & County) | EA | 0 | 0 | 0 | | 0 |
| | Queue Length Analysis | EA | 0 | 0 | 0 | | 0 |
| | Local Governments (cities, counties) | EA | 2 | 1 | 2 | | 0 |
| | Other Meetings | EA | 2 | 1 | 2 | | |
| Subtotal Technical Meetings | | | | | 4 | Subtotal Project Manager Meetings | 0 |
| | Progress Meetings (if required by FDOT) | EA | 0 | 0 | 0 | <i>PM attendance at Progress Meetings is manually entered on General Task 3</i> | - - |
| | Phase Review Meetings | EA | 0 | 0 | 0 | <i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i> | - - |
| Total Meetings | | | | | 4 | Total Project Manager Meetings (carries to Tab 3) | 0 |

Carries to 19.12

Carries to Tab 3

Project Activity 20: Signing and Pavement Marking Plans

Estimator: Chowdhury Haider

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | Print Name | Signature / Date |
|-----------------------|------------|------------------|
| Town of Belleair | | |
| Consultant Name: RS&H | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Scale | Units | No of Units | Hours/ Unit | No. of Sheets | Total Hours | Comments |
|--|--|----------|-------|-------------|-------------|---------------|-------------|--|
| 20.1 | Key Sheet | | Sheet | 0 | 0 | 0 | 0 | N/A |
| 20.2 | Summary of Pay Items Including TRNS•Port Input | | LS | 0 | 0 | 0 | 0 | N/A |
| 20.3 | Tabulation of Quantities | | Sheet | 0 | 0 | 0 | 0 | N/A |
| 20.4 | General Notes/Pay Item Notes | | Sheet | 1 | 4 | 1 | 4 | General notes for signing and pavement marking |
| 20.5 | Project Layout | | Sheet | 0 | 0 | 0 | 0 | N/A |
| 20.6 | Plan Sheet | 1" = 40' | Sheet | 6 | 3 | 6 | 18 | 6 Plan sheets @ 3 hours/plan sheet |
| 20.7 | Typical Details | | EA | 0 | 0 | 0 | 0 | N/A |
| 20.8 | Guide Sign Worksheet(s) | | EA | 0 | 0 | 0 | 0 | N/A |
| 20.9 | Traffic Monitoring Site | | EA | 0 | 0 | 0 | 0 | N/A |
| 20.10 | Cross Sections | | EA | 0 | 0 | 0 | 0 | N/A |
| 20.11 | Special Service Point Details | | EA | 0 | 0 | 0 | 0 | N/A |
| 20.12 | Special Details | | LS | 1 | 0 | 0 | 0 | N/A |
| 20.13 | Interim Standards | | LS | 1 | 0 | 0 | 0 | N/A |
| Signing and Pavement Marking Plans Technical Subtotal | | | | | | 7 | 22 | |
| 20.14 | Quality Assurance/Quality Control | | LS | % | 5% | | 1 | |
| 20.15 | Supervision | | LS | % | 5% | | 1 | |
| 20. Signing and Pavement Marking Plans Total | | | | | | 7 | 24 | |

27. Survey (McKim)

Estimator:

Indian Rocks Road Reconstruction (Phase I)

PW-19.3

| Representing | Print Name | Signature / Date |
|--------------------------------|------------|------------------|
| Town of Belleair | | |
| Consultant Name: McKim & Creed | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No of Units | Field Crew Days/Unit | Crew Days | Field Support Hours / Crew Days | Field Support Hours | Office Support Hours / Crew Days | Office Support Hours | Comments |
|----------|----------------------------------|-------|-------------|----------------------|-----------|---------------------------------|---------------------|----------------------------------|----------------------|--|
| 27.1 | Horizontal Project Control (HPC) | | | | | | | | | Establish HPC NAD83/11 |
| | 2-Lane Roadway | Mile | 0.60 | 1.67 | 1.00 | 1.00 | 1.00 | 4.00 | 4.00 | |
| | Multi-lane Roadway | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| | Interstate | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| 27.2 | Vertical PC / Bench Line | | | | | | | | | Establish VPC NAVD88 |
| | 2-Lane Roadway | Mile | 0.60 | 2.50 | 1.50 | 1.00 | 1.50 | 4.00 | 6.00 | |
| | Multi-lane Roadway | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| | Interstate | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| 27.3 | Alignment and Existing R/W Lines | | | | | | | | | Establish approximate R/W. Project alignment will be calculated only and not monumented in field |
| | | Mile | 0.60 | 5.00 | 3.00 | 1.00 | 3.00 | 5.00 | 15.00 | |
| 27.4 | Aerial Targets | | | Units/Day | | | | | | N/A |
| | 2-Lane Roadway | EA | | | 0.00 | | 0.00 | | 0.00 | |
| | Multi-lane Roadway | EA | | | 0.00 | | 0.00 | | 0.00 | |
| | Interstate | EA | | | 0.00 | | 0.00 | | 0.00 | |
| 27.5 | Reference Points | "A" | | Units/Day | | | | | | N/A |
| | 2-Lane Roadway | EA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Multi-lane Roadway | EA | | | 0.00 | | 0.00 | | 0.00 | |
| | Interstate | EA | | | 0.00 | | 0.00 | | 0.00 | |
| | Reference Points | "B" | | Units/Day | | | | | | |
| | Non Alignment Points/Approximate | EA | | | 0.00 | | 0.00 | | 0.00 | |

27. Survey (McKim)

| Task No. | Task | Units | No of Units | Field Crew Days/Unit | Crew Days | Field Support Hours / Crew Days | Field Support Hours | Office Support Hours / Crew Days | Office Support Hours | Comments |
|----------|---------------------------------|-----------|-------------|----------------------|-----------|---------------------------------|---------------------|----------------------------------|----------------------|---|
| | | | | | | | | | | |
| 27.6 | Topography/DTM (3D) | | | | | | | | | Project topography R/W to R/W. Limits to match provided project kmz |
| | | Mile | 0.60 | 8.33 | 5.00 | 1.00 | 5.00 | 4.00 | 20.00 | |
| 27.7 | Planimetric (2D) | | | | | | | | | |
| | | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| 27.8 | Roadway Cross-Sections/Profiles | | | | | | | | | N/A |
| | | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| 27.9 | Side Street Surveys | | | | | | | | | 6 intersecting sideroads |
| | | Mile | 6.00 | 0.50 | 3.00 | 1.00 | 3.00 | 4.00 | 12.00 | |
| 27.10 | Underground Utilities | | | | | | | | | N/A |
| | Designates | Mile/Site | | | 0.00 | | 0.00 | | 0.00 | |
| | Locates | Point | | | 0.00 | | 0.00 | | 0.00 | |
| | Survey | | 0% | 0.00 | 0.00 | | 0.00 | | 0.00 | |
| | | | | | | | | | | |
| 27.11 | Outfall Survey | | | | | | | | | N/A |
| | | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| 27.12 | Drainage Survey | | | Units/Day | | | | | | N/A |
| | | EA | | | 0.00 | | 0.00 | | 0.00 | |
| 27.13 | Bridge Survey | | | | | | | | | N/A |
| | Minor / Major | EA | | | 0.00 | | 0.00 | | 0.00 | |
| | | | | | | | | | | |
| 27.14 | Channel Survey | | | | | | | | | N/A |
| | | EA | | | 0.00 | | 0.00 | | 0.00 | |
| 27.15 | Pond Site Survey | | | | | | | | | N/A |
| | | EA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 27.16 | Mitigation Survey | | | | | | | | | N/A |
| | | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| 27.17 | Jurisdiction Line Survey | | | | | | | | | N/A |
| | | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| 27.18 | Geotechnical Support | | | Units/Day | | | | | | N/A |

27. Survey (McKim)

| Task No. | Task | Units | No of Units | Field Crew Days/Unit | Crew Days | Field Support Hours / Crew Days | Field Support Hours | Office Support Hours / Crew Days | Office Support Hours | Comments |
|-----------------|---|--------|-------------|----------------------|-----------|---------------------------------|---------------------|----------------------------------|----------------------|---|
| | | EA | | | 0.00 | | 0.00 | | 0.00 | |
| 27.19 | Sectional / Grant Survey | | | | | | | | | |
| | | Corner | | | 0.00 | | 0.00 | | 0.00 | N/A |
| | | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| 27.20 | Subdivision Location | | | | | | | | | |
| | | Block | | | 0.00 | | 0.00 | | 0.00 | N/A |
| 27.21 | Maintained R/W | | | | | | | | | |
| | | Mile | | | 0.00 | | 0.00 | | 0.00 | N/A |
| 27.22 | Boundary Survey | | | | | | | | | |
| | | EA | | | 0.00 | | 0.00 | | 0.00 | N/A |
| 27.23 | Water Boundary Survey | | | | | | | | | |
| | | EA | | | 0.00 | | 0.00 | | 0.00 | N/A |
| 27.24 | R/W Staking / R/W Line | | | | | | | | | |
| | | EA | | | 0.00 | | 0.00 | | 0.00 | N/A |
| | | Mile | | | 0.00 | | 0.00 | | 0.00 | |
| | | | | | | | | | | |
| 27.25 | R/W Monumentation | | | | | | | | | |
| | | Point | | | 0.00 | | 0.00 | | 0.00 | N/A |
| 27.26 | Line Cutting | | | | | | | | | |
| | | Mile | | | 0.00 | | | | | N/A |
| 27.27 | Work Zone Safety | | | | | | | | | |
| | | | 0.000 | 0 | 0.00 | | | | | |
| 27.28 | Miscellaneous Surveys | | | | | | | | | |
| | Field work to creat the sketch and descriptions | | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A |
| Survey Subtotal | | | | Crew Days | 14 | Field Support Hours | 14 | Office Support Hours | 57 | |
| 27.29 | Supplemental Surveys | | | | | | | | | THE % FOR SUPPLEMENTAL WILL BE DETERMINED AT NEGOTIATIONS. THIS ITEM CAN ONLY BE USED IF AUTHORIZED IN WRITING BY THE DISTRICT SURVEYOR |
| | | | | 0 | 0 | | 0 | | 0 | |
| 27.30 | Document Research | Units | | | | | | | | |
| | | | 0.00 | | | | | | 0 | |

27. Survey (McKim)

| Task No. | Task | Units | No of Units | Field Crew Days/Unit | Crew Days | Field Support Hours / Crew Days | Field Support Hours | Office Support Hours / Crew Days | Office Support Hours | Comments |
|------------------|-------------------------------------|-------|-------------|----------------------|-----------|---------------------------------|---------------------|----------------------------------|----------------------|--|
| 27.31 | Field Reviews | Units | | | | | | | | Meet RS&H and County representaives in the field one time. |
| | | | 0.00 | | | | | | 0 | |
| 27.32 | Technical Meetings | LS | | | | | | | | |
| | | | 0.00 | | | | | | 0 | |
| 27.33 | Quality Assurance / Quality Control | LS | | | | | | | | |
| | | | | | | | | 5% | 3 | |
| 27.34 | Supervision | LS | | | | | | | | |
| | | | | | | | | 5% | 4 | |
| 27.35 | Coordination | LS | | | | | | | | |
| | | | | | | | | 3% | 2 | |
| 27. Survey Total | | | | Crew Days | 14 | Field Support Hours | 14 | Office Support Hours | 65 | |

SPLS =

PLS =

Office Support =

Total Hours = 79

| Technical Meetings | Units | No of Units | Hours/ Unit | Total Hours | PM Attendance at Meeting Required? | Number |
|---|-------|-------------|-------------|-------------|---|----------|
| Kickoff Meeting with FDOT | EA | 0 | 0 | 0 | | 0 |
| Baseline Approval Review | EA | 0 | 0 | 0 | | 0 |
| Network Control Review | EA | 0 | 0 | 0 | | 0 |
| Vertical Control Review | EA | 0 | 0 | 0 | | 0 |
| Local Governments (cities, counties) | EA | 0 | 0 | 0 | | 0 |
| Final Submittal Review | EA | 0 | 0 | 0 | | 0 |
| Other Meetings | EA | 0 | 0 | 0 | | 0 |
| Subtotal Technical Meetings | | | | 0 | Subtotal PM Meetings | 0 |
| Progress Meetings (if required by FDOT) | EA | 0 | 0 | 0 | ** | -- |
| Phase Review Meetings | EA | 0 | 0 | 0 | ** | -- |
| Total Meetings | | | | 0 | Total PM Mtgs (carries to Tab 3) | 0 |

Carries to 27.32

Carries to Tab 3

**** Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3**

April 15, 2021

EXHIBIT A



SCOPE OF SERVICES

FOR

INDIAN ROCKS ROAD RECONSTRUCTION (PHASE I)

FROM MEHLENBACHER ROAD TO NORTH OF POINSETTA ROAD

TOWN OF BELLEAIR

PUBLIC WORKS DEPARTMENT

Approved By: TOWN Project Manager

Consultant Project Manager

Signature

Keith Bodeker

Printed Name

04/15/2021

Date

Signature

Vincent Shine, P.E.

Printed Name

04/15/2021

Date

| | | |
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| 1 | PURPOSE | 4 |
| 2 | PROJECT DESCRIPTION | 5 |
| 3 | PROJECT COMMON AND PROJECT GENERAL TASKS | 12 |
| 4 | ROADWAY ANALYSIS | 15 |
| 5 | ROADWAY PLANS | 16 |
| 6a | DRAINAGE ANALYSIS | 17 |
| 6b | DRAINAGE PLANS | 18 |
| 7 | UTILITIES | 18 |
| 8 | ENVIRONMENTAL PERMITS, COMPLIANCE AND CLEARANCES | 19 |
| 9 | STRUCTURES - SUMMARY & MISCELLANEOUS TASKS & DRAWINGS – N/A | 20 |
| 10 | STRUCTURES - BRIDGE DEVELOPMENT REPORT - N/A | 20 |
| 11 | STRUCTURES - TEMPORARY BRIDGE - N/A | 20 |
| 12 | STRUCTURES - SHORT SPAN CONCRETE BRIDGE - N/A | 20 |
| 13 | STRUCTURES - MEDIUM SPAN CONCRETE BRIDGE - N/A | 20 |
| 14 | STRUCTURES - STRUCTURAL STEEL BRIDGE - N/A | 21 |
| 15 | STRUCTURES - SEGMENTAL CONCRETE BRIDGE - N/A | 21 |
| 16 | STRUCTURES - MOVABLE SPAN - N/A | 21 |
| 17 | STRUCTURES - RETAINING WALLS - N/A | 21 |
| 18 | STRUCTURES – MISCELLANEOUS - N/A | 21 |
| 19 | SIGNING AND PAVEMENT MARKING ANALYSIS | 21 |
| 20 | SIGNING AND PAVEMENT MARKING PLANS | 21 |
| 21 | SIGNALIZATION ANALYSIS – N/A | 22 |
| 23 | LIGHTING ANALYSIS - N/A | 22 |
| 24 | LIGHTING PLANS – N/A | 22 |
| 25 | LANDSCAPE ARCHITECTURE ANALYSIS - N/A | 22 |
| 26 | LANDSCAPE ARCHITECTURE PLANS - N/A | 22 |
| 27 | SURVEY | 22 |
| 28 | PHOTOGRAMMETRY - N/A | 24 |

| | | |
|----|---|----|
| 29 | MAPPING - N/A | 24 |
| 30 | TERRESTRIAL MOBILE LiDAR - N/A | 24 |
| 31 | ARCHITECTURE DEVELOPMENT - N/A | 24 |
| 32 | NOISE BARRIERS IMPACT DESIGN ASSESSMENT IN THE DESIGN PHASE - N/A | 24 |
| 33 | INTELLIGENT TRANSPORTATION SYSTEMS ANALYSIS - N/A | 24 |
| 34 | INTELLIGENT TRANSPORTATION SYSTEMS PLANS - N/A | 24 |
| 35 | GEOTECHNICAL - N/A | 24 |
| 36 | 3D MODELING – N/A | 24 |
| 37 | PROJECT REQUIREMENTS | 24 |
| 38 | INVOICING LIMITS | 25 |

SCOPE OF SERVICES FOR CONSULTING ENGINEERING SERVICES

HIGHWAY AND BRIDGE/STRUCTURAL DESIGN

This Exhibit forms an integral part of the agreement between the Town of Belleair (hereinafter referred to as the TOWN) and RS&H, Inc. (hereinafter referred to as the CONSULTANT) relative to the transportation facility described as follows:

Town Project ID: N/A

Federal Aid Project No.: N/A

TOWN Commissioner District No.: N/A

Name and Limits: ***Indian Rocks Road from Mehlenbacher Road to Poinsetta Road***

Speed Design/Posted: ***Indian Rocks Road has been posted 30 mph. Design speed to be the same as posted speed.***

Functional Classification: ***Indian Rocks Road is an Urban Collector.***

Design Vehicle: **WB-40**

Bridge No(s): N/A

Railroad Crossing No: N/A

1 PURPOSE

The purpose of this Exhibit is to describe the scope of work and the responsibilities of the CONSULTANT and the TOWN in connection with the final design for improvements to the transportation facility described herein.

Major work mix includes: *Reconstruction*

Major work groups include: *Roadway design.*

Minor work groups include: *Survey and Signing and Pavement Marking Design.*

The general objective is for the CONSULTANT to provide design services and prepare construction documents in accordance with the TOWN OF BELLEAIR policy, procedures and requirements. The final design and construction documents are to be based on the final engineering study and concept plans, supporting engineering analysis, calculations and other technical documents previously prepared for the project.

The Scope of Services establishes which items of work in the Florida Design Manual (FDM) and other pertinent manuals are specifically prescribed to accomplish the work included in this contract, and also indicate which items of work will be the responsibility of the CONSULTANT and/or the TOWN.

The CONSULTANT shall be aware that as a project is developed, certain modifications and/or improvements to the original concepts may be required. The CONSULTANT shall incorporate these refinements into the design and consider such refinements to be an anticipated and integral part of the work. This shall not be a basis for any supplemental fee request(s).

The CONSULTANT shall demonstrate good project management practices while working on this project. These include communication with the TOWN and others as necessary, management of time and resources, and documentation. The CONSULTANT shall set up and maintain throughout the design of the project a contract file. CONSULTANTS are expected to know the laws and rules governing their professions and are expected to

provide services in accordance with current regulations, codes and ordinances and recognized standards applicable to such professional services. The Consultant shall provide qualified technical and professional personnel to perform to TOWN standards and procedures, the duties and responsibilities assigned under the terms of this agreement. The Consultant shall minimize to the maximum extent possible the TOWN's need to apply its own resources to assignments authorized by the TOWN.

The TOWN will provide contract administration, management services, and technical reviews of all work associated with the development and preparation of contract documents, including Construction documents. The TOWN's technical reviews are for high-level conformance and are not meant to be comprehensive reviews. The CONSULTANT shall be fully responsible for all work performed and work products developed under this Scope of Services. The TOWN may provide job-specific information and/or functions as outlined in this contract, if favorable.

2 PROJECT DESCRIPTION

The CONSULTANT shall investigate the status of the project and become familiar with concepts and commitments (typical sections, alignments, etc.) developed from prior studies and/or activities. If a Preliminary Engineering Report is available from a prior or current Project Development and Environment (PD&E) study, the CONSULTANT shall use the approved concepts as a basis for the design unless otherwise directed by the TOWN.

This project will provide paving and drainage improvements along Indian Rocks Road. The project is approximately 0.6 mile in length beginning at Mehlenbacher Road and continuing north to just north of Poinsetta Road. The roadway pavement and curbs will be reconstructed and regraded to provide positive drainage and extend pavement life. Existing sidewalk will remain on the westside and an 8-foot shared use path will be proposed on the east side. Drainage structures and an underdrain system along the east side will be added along Indian Rocks Road as needed to collect storm runoff and groundwater conveying it to the existing drainage system.

This project may be designed using Bentley MicroStation GEOPAK Corridor Modeler, or the TOWN's current MicroStation/GEOPAK Corridor Modeler standard and converted to Auto CADD; or may be designed in CADD. Coordinate with Project Manager for current versions of acceptable software. The project shall be designed, delivered and signed and sealed in compliance with the FDOTs CADD Manual published at: <http://www.fdot.gov/cadd/downloads/publications/CADDManual/default.shtm>.

FDOT provides a "State Kit" for Bentley product that can be downloaded from <http://www.fdot.gov/cadd/downloads/software/software.shtm>. Deliverables shall be in the form of Computer Aided Design and Drafting (CADD) compatible with the TOWN'S CADD system. The CADD files must include information necessary for engineering and environmental analysis, alternative alignment and design studies. If applicable, plans must be developed utilizing best drafting and plan preparation practices for transportation design projects and must follow FDOT latest Design Manual (Florida Design Manual) and CADD Manual.

2.1 Project General and Roadway (Activities 3, 4, and 5)

Public Involvement: N/A

County: Pinellas

Road Name/Number: CR 233 / Indian Rocks Road

Scope of Work: Reconstruction

Includes: ☐ addition of turn lanes ☒ pedestrian features ☐ new signals ☐ upgraded signals
☐ addition of medians ☐ realignment ☒ Other – Shared Use Path

Additional Information:

Engineer of Record: RS&H, Inc.

Community Awareness Plan

Fact Sheet (public distribution): N/A

☐ YES ☒ NO - Explain:

Elected Officials Design Phase Submittal Notification:

An email notification will be sent from the TOWN Project Management Manager to local elected officials at each phase review. ☐ YES ☒ NO - Explain:

Maintenance of Access Plan (business & residential): - Access to the Town's Highway System will be maintained. Local events will be considered when implementing the MOT plan.

Detour will be needed. ☒ NO ☐ YES If YES please provide details: _____

This Project Is Located Near:

| | | | | | |
|-------------------------|------------------------------|--|-------------------------------|------------------------------|--|
| Raymond James Stadium | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | Ybor City | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| Tropicana Field | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | Plant City | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| Downtown Tampa | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | Gulf Blvd. in Pinellas County | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| Downtown St. Petersburg | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | Florida State Fairgrounds | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |

If YES to any of the above a special events traffic control plan will be needed.

Encroachment Letters:

Encroachment letters will be sent during design. ☐ YES ☒ NO

Other:

Other Agency Presentations/Meetings: The CONSULTANT shall attend and/or provide support to the TOWN for any agency meetings. See Section 3.1.11.

Joint Project Agreements: N/A

Supplemental Specification Preparation: *Supplemental Specifications will be prepared if additions or revisions to the Standard Specifications are required.*

Plan Type: *The roadway plans shall be prepared in a Plan format. Profile sheets shall be provided, if necessary, to show the vertical controls that are needed for the construction of these projects. The plan (and profile) sheets shall be plotted at a horizontal scale of 1"=40' on 11" x 17" plan format.*

Limits: *Indian Rocks Road from Mehlenbacher Road to Poinsetta Road*

Typical Section:

Indian Rocks Road: Two-lane undivided urban section with open drainage.

Pavement Design: *One pavement design to be provided for reconstruction.*

Cross Slope: N/A

Transit Route Features: *Bus Stop location will be coordinated with Pinellas County.*

Major Intersections/Interchanges: N/A

Roadway Alternative Analysis: N/A

Level of TCP Plans: N/A

Temporary Lighting: N/A

Temporary Signals: N/A

Temporary Drainage: N/A

Design Exceptions: N/A

Back of Sidewalk Profiles: ***Provide back of sidewalk profiles for 8-foot shared use path on east side of Indian Rocks Road.***

2.2 Drainage (Activities 6a and 6b)

The CONSULTANT shall check Pinellas County GIS Flooding Inventory to ensure no active nor inactive flooding complaints at the intersection location.

The CONSULTANT is responsible to determine drainage improvements needed to retrofit the existing drainage system to accommodate roadway improvements. The proposed drainage system is to minimize right-of-way impacts, floodplain, and/or wetland impacts. The CONSULTANT is responsible for submitting a Request for Verification of Exemption to SWFWMD for the roadway and drainage improvement.

2.3 Utilities Coordination (Activity 7)

The CONSULTANT is responsible for clearing the utilities on this project and shall coordinate with all existing utilities to determine location and mitigate conflicts. Utility information will be located on the utility adjustment sheets. The CONSULTANT is responsible to certify that all necessary arrangements for utility work on this project have been made and will not conflict with the physical construction schedule. The CONSULTANT should coordinate with TOWN personnel to coordinate transmittals to Utility Companies and meet production schedules.

The CONSULTANT shall start utility coordination early on this project to identify all Utilities Agency Owners (UAO's) within the project area and identify general locations of existing to assist in determining impacts during the preliminary design. The first utility contact is to be provided to UAO's as soon as the preliminary horizontal alignment is developed to request UAO's to provide an update of the PD&E green line markups for their existing utilities. The second utility contact is to be provided upon the submittal of Phase II plans to the TOWN to request UAO's to provide Red Green Brown (RGB's) markups showing their proposed utility relocations for areas of conflict.

TOWN water and sewer utilities that require relocation will be designed by CONSULTANT.

2.4 Environmental Permits, Compliances, and Clearances (Activity 8)

There are no wetland or other surface waters located along the corridor. As this is a highly urbanized roadway reconstruction project, there is no evidence of any threatened and endangered species within the limits of the corridor. Further, the proposed multi-use path will meet the criteria of Chapter 330.051 FAC.

Prepare and submit a request for permit exemption from the Southwest Florida Water Management District.

2.5 Structures (Activities 9 – 18) – N/A

Bridge(s): N/A

Retaining Walls: N/A

Miscellaneous: N/A

2.6 Signing and Pavement Markings (Activities 19 & 20)

The CONSULTANT shall prepare signing and pavement markings plans along Indian Rocks Road with a scale of 1"=40'. The CONSULTANT shall design new signs along Indian Rocks Road. The CONSULTANT shall not replace side street stop bar and stop signs.

2.7 Signalization (Activities 21 & 22) – N/A

Count Stations: N/A

Traffic Monitoring Sites: N/A

2.8 Lighting (Activities 23 & 24) The CONSULTANT will assist the TOWN with the lighting design for incorporation into the plans.

2.9 Landscape Architecture (Activities 25 & 26) - N/A

2.10 Survey (Activity 27)

Project Network Control (PNC): Establish sufficient Project Network Control (horizontal & vertical) to provide XYZ data for all survey coverage. Project horizontal values shall be established on the North American Datum of 1983, Adjustment of 2011, and the Florida State Plane Coordinate System, West Zone. Project vertical values shall be established on the North American Vertical Datum of 1988. PNC monumentation shall be set on 500' intervals and shall be established via redundant GPS observations and differential levelling techniques.

Alignment: Establish a construction alignment along the limits of the project. The alignment will be monumented between the westerly edge of pavement and the adjoining front of existing sidewalk so as not to be recovered by future surveyors as a boundary or property line control. This construction line shall be monumented on 1,000' intervals and referenced and the beginning of survey, end of survey, and any deflection points.

Utilizing a total station and electronic data collector, collect sufficient data to generate an above ground topographic survey and digital terrain model (DTM) of the existing roadway and features within the existing Right of Way. DTM shots/points should be taken, at a minimum, opposite of and perpendicular to each one-hundred-foot station on tangents. Locate changes in typical section, pavement (including pavement seams), survey driveways and curb cuts and major features. A full digital terrain model (Right of Way to Right of Way) will be created for the main corridor and extend 15' beyond the R/W line at all public side street intersections. Locate Surface Drainage structures (inlet grates, manhole, side drains, and mitered end sections); include the invert elevation, size, type, and condition of culverts. Closed drainage systems that cannot be accessed must include drainage data based on Final Plans if plans are available and clearly noted that the information is based on Final Plans. No subsurface utility engineering activities will be incorporated within this project scope.

Right of Way: Utilizing the latest deed of record and publicly available subdivision plats, the surveyor shall calculate the approximate Right of Way of Indian Rocks Road. It should be noted with emphasis that the surveyor shall rely most notably on platted property boundaries best fit to existing R/W monumentation. This is not a boundary survey and all R/W lines will be based on minimal property search and labelled "Approximate Right of Way" on the final survey. In the even that future boundary surveys or legal descriptions and sketches are required to support additional Right of Way for proposed design, these services shall be considered additional services beyond this scope.

Field Review/Field Edit: A field review/edit shall be performed prior to submittal of Final Deliverables. The review is to include improvements completed from initiation of survey and a verification of type and size for all drainage pipe.

Survey Deliverables: The Topographic Survey shall be prepared as a 3D design file using the Florida Department of Transportation Computer Aided Drafting (CAD) kit. The surveyor shall generate a Surveyor's Report documenting project information, methodology and other relevant survey notes as either an accompanying report or depicted graphically withing the final Topographic Survey Design File. The Topographic Survey must comply with the Standard of Practice for Land Surveyors Rule 5J-17, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

2.11 Photogrammetry (Activity 28) - N/A

2.12 Mapping (Activity 29) – N/A

2.13 Terrestrial Mobile LiDAR (Activity 30) - N/A**2.14 Architecture (Activity 31) - N/A****2.15 Noise Barriers (Activity 32) - N/A****2.16 Intelligent Transportation Systems (Activities 33 & 34) - N/A****2.17 Geotechnical (Activity 35) – N/A****2.18 3D Modeling (Activity 36) – N/A****2.19 Project Schedule**

Within fourteen (14) calendar days after the official notice of Notice-To-Proceed from the TOWN Project Manager, and prior to the CONSULTANT beginning work, the CONSULTANT shall provide a detailed project activity/event schedule for TOWN and CONSULTANT scheduled activities required to meet the current TOWN Production Date. The current production date is **12/13/21 (needs update)**. The schedule shall be accompanied by an anticipated payout and fiscal progress curve. For the purpose of scheduling, the CONSULTANT shall allow for 21 calendar day review at 60% submittal, and 14 calendar day reviews for all other submittals.

The schedule shall indicate all required plan submittals at 60%, 100% and Final.

All fees and price proposals are to be based on the negotiated schedule of 12 months for final construction contract documents. *However, the contract deadline is 48 months from the Notice to Proceed.*

Periodically, throughout the life of the contract, the project schedule and budget shall be reviewed and, with the approval of the TOWN, adjusted as necessary to incorporate changes in the Scope of Services and progress to date.

The approved schedule and schedule status report, along with progress and updated pay out curve, shall be submitted with the monthly progress report.

The schedule shall be submitted in a TOWN system-compatible format (PDF).

2.20 Submittals

The CONSULTANT shall furnish construction contract documents as required by the TOWN to adequately control, coordinate, and approve the work. The TOWN will distribute submittals for review. The TOWN will require a pdf of all project documents at each submittal.

2.21 Provisions for Work

All work shall be prepared with English units in accordance with the latest editions of standards and requirements utilized by the TOWN which include, but are not limited to, publications such as:

- General
 - Title 29, Part 1910, Standard 1910.1001, Code of Federal Regulations (29 C.F.R. 1910.1001) – Asbestos Standard for Industry, U.S. Occupational Safety and Health Administration (OSHA)
 - 29 C.F.R. 1926.1101 – Asbestos Standard for Construction, OSHA
 - 40 C.F.R. 61, Subpart M - National Emission Standard for Hazardous Air Pollutants (NESHAP), Environmental Protection Agency (EPA)
 - 40 C.F.R. 763, Subpart E – Asbestos-Containing Materials in Schools, EPA
 - 40 C.F.R. 763, Subpart G – Asbestos Worker Protection, EPA
 - Americans with Disabilities Act (ADA) Standards for Accessible Design
 - AASHTO – A Policy on Design Standards Interstate System
 - AASHTO – Roadside Design Guide
 - AASHTO – Roadway Lighting Design Guide
 - AASHTO – A Policy for Geometric Design of Highways and Streets
 - AASHTO – Highway Safety Manual

- Rule Chapter 5J-17, Florida Administrative Code (F.A.C.), Standards of Practice for Professional Surveyors and Mappers
- Chapter 469, Florida Statutes (F.S.) – Asbestos Abatement
- Rule Chapter 62-257, F.A.C., Asbestos Program
- Rule Chapter 62-302, F.A.C., Surface Water Quality Standards
- Code of Federal Regulations (C.F.R.)
- Florida Administrative Codes (F.A.C.)
- Chapters 20, 120, 215, 455, Florida Statutes (F.S.) – Florida Department of Business & Professional Regulations Rules
- Florida Department of Environmental Protection Rules
- FDOT Basis of Estimates Manual
- FDOT Computer Aided Design and Drafting (CADD) Manual
- FDOT Standard Plans for Road Construction
- FDOT Flexible Pavement Design Manual
- FDOT - Florida Roundabout Guide
- FDOT Handbook for Preparation of Specifications Package
- FDOT Instructions for Design Standards
- FDOT Instructions for Structures Related Design Standards
- FDOT Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (“Florida Greenbook”)
- FDOT Materials Manual
- FDOT Pavement Type Selection Manual
- FDOT Plans Preparation Manual Design Manual
- FDOT Procedures and Policies
- FDOT Project Development and Environmental Manual
- FDOT Project Traffic Forecasting Handbook
- FDOT Public Involvement Handbook
- FDOT Rigid Pavement Design Manual
- FDOT Standard Specifications for Road and Bridge Construction
- FDOT Utility Accommodation Manual
- Federal Highway Administration (FHWA) - Manual on Uniform Traffic Control Devices (MUTCD)
- FHWA – National Cooperative Highway Research Program (NCHRP) Report 672, Roundabouts: An Informational Guide
- FHWA Roadway Construction Noise Model (RCNM) and Guideline Handbook
- Florida Fish and Wildlife Conservation Commission - Standard Manatee Construction Conditions 2005
- Florida Statutes (F.S.)
- Florida’s Level of Service Standards and Guidelines Manual for Planning
- Model Guide Specifications – Asbestos Abatement and Management in Buildings, National Institute for Building Sciences (NIBS)
- Quality Assurance Guidelines
- Safety Standards
- Any special instructions from the DEPARTMENT
- Roadway
 - FDOT – Florida Intersection Design Guide
 - FDOT - Project Traffic Forecasting Handbook
 - FDOT - Quality/Level of Service Handbook
 - Florida’s Level of Service Standards and Highway Capacity Analysis for the SHS
 - Transportation Research Board (TRB) - Highway Capacity Manual
- Permits
 - Chapter 373, F.S. – Water Resources
 - US Fish and Wildlife Service Endangered Species Programs
 - Florida Fish and Wildlife Conservation Commission Protected Wildlife Permits

- Bridge Permit Application Guide, COMDTPUB P16591.3C
- Building Permit
- Drainage
 - FDOT Bridge Hydraulics Handbook
 - FDOT Culvert Handbook
 - FDOT Drainage Manual
 - FDOT Erosion and Sediment Control Manual
 - FDOT Exfiltration Handbook
 - FDOT Hydrology Handbook
 - FDOT Open Channel Handbook
 - FDOT Optional Pipe Materials Handbook
 - FDOT Storm Drain Handbook
 - FDOT Stormwater Management Facility Handbook
 - FDOT Temporary Drainage Handbook
 - FDOT Drainage Connection Permit Handbook
 - FDOT Bridge Scour Manual
- Survey and Mapping
 - All applicable Florida Statutes and Administrative Codes
 - Applicable Rules, Guidelines Codes and authorities of other Municipal, TOWN, State and Federal Agencies.
 - FDOT Aerial Surveying Standards for Transportation Projects Topic 550-020-002
 - FDOT Right of Way Mapping Handbook
 - FDOT Surveying Procedure Topic 550-030-101
 - Florida Department of Transportation Right of Way Procedures Manual
 - Florida Department of Transportation Surveying Handbook
 - Right of Way Mapping Procedure 550-030-015
- Traffic Engineering and Operations and ITS
 - AASHTO - An Information Guide for Highway Lighting
 - AASHTO - Guide for Development of Bicycle Facilities
 - FHWA Standard Highway Signs Manual
 - FDOT Manual on Uniform Traffic Studies (MUTS)
 - FDOT Median Handbook
 - FDOT Traffic Engineering Manual
 - National Electric Safety Code
 - National Electrical Code
- Traffic Monitoring
 - American Institute of Steel Construction (AISC) Manual of Steel Construction, referred to as “AISC Specifications”
 - American National Standards Institute (ANSI) RP-8-00 Recommended Practice for Roadway Lighting
 - AASHTO AWS D1.1/ANSI Structural Welding Code – Steel
 - AASHTO D1.5/AWS D1.5 Bridge Welding Code
 - FHWA Traffic Detector Handbook
 - FDOT General Interest Roadway Data Procedure
 - FHWA Traffic Monitoring Guide
 - FDOT’s Traffic/Polling Equipment Procedures
- Structures
 - AASHTO Load and Resistance Factor Design (LRFD) Bridge Design Specifications and Interims
 - AASHTO LRFD Movable Highway Bridge Design Specifications and Interims

- AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, and Interims.
- AASHTO/-AWS-D1. 5M/D1.5: An American National Standard Bridge Welding Code
- AASHTO Guide Specifications for Structural Design of Sound Barriers
- AASHTO Manual for Condition Evaluation and Load and Resistance Factor Rating (LRFR) of Highway Bridges
- FDOT Bridge Load Rating Manual
- FDOT Structures Manual
- FDOT Structures Design Bulletins (available on FDOT Structures web site only)
- Geotechnical
 - FHWA Checklist and Guidelines for Review of Geotechnical Reports and Preliminary Specifications
 - Manual of Florida Sampling and Testing Methods
 - Soils and Foundation Handbook

2.22 Information provided by the TOWN when appropriate and /or available, the TOWN will provide project data including:

- Numbers for field books.
- Preliminary Horizontal Network Control.
- Access for the CONSULTANT to utilize the TOWN's Information Technology Resources.
- All TOWN agreements with Utility Agency Owner (UAO).
- All certifications necessary for project letting.
- Available traffic and planning data.
- All approved utility relocations.
- Engineering standards review services.
- All available information in the possession of the TOWN pertaining to utility companies whose facilities may be affected by the proposed construction.
- All future information that may come to the TOWN pertaining to subdivision plans so that the CONSULTANT may take advantage of additional areas that can be utilized as part of the existing right of way.
- Systems traffic for Projected Design Year, with K, D, and T factors.
- Existing right of way maps.
- PD&E Documents
- Design Reports
- Phase reviews of plans and engineering documents.
- Regarding Environmental Permitting Services:
 - Approved Permit Document when available.
 - Approval of all contacts with environmental agencies.
 - General philosophies and guidelines of the TOWN to be used in the fulfillment of this contract. Objectives, constraints, budgetary limitations, and time constraints will be completely defined by the Project Manager.
 - Appropriate signatures on application forms.

3 PROJECT COMMON AND PROJECT GENERAL TASKS

Project Common Tasks

Project Common Tasks, as listed below, are work efforts that are applicable to many project activities, 4 (Roadway Analysis) through 35 (Geotechnical). These tasks are to be included in the project scope in each applicable activity when the described work is to be performed by the CONSULTANT.

Cost Estimates: *The CONSULTANT shall be responsible for producing a design and construction cost estimate at the completion of each design phase submittal and reviewing and updating the cost estimate when scope changes occur and/or at milestones of the project.*

Field Reviews: *The CONSULTANT shall make as many trips to the project site as required to obtain necessary data for all elements of the project, but no less than one trip.*

Technical Meetings: *The CONSULTANT shall attend all technical meetings necessary to execute the Scope of Services of this contract. This includes meetings with TOWN and/or Agency staff, between disciplines and subconsultants, such as access management meetings, pavement design meetings, local governments, railroads, airports, progress review meetings (phase review), and miscellaneous meetings. The CONSULTANT shall prepare, and submit to the TOWN's Project Manager for review, the meeting minutes for all meetings attended by them. The meeting minutes are due within seven (7) calendar days of attending the meeting. For basis of estimates apply one meeting at 60%, one meeting at 100%, and one additional meeting.*

Quality Assurance/Quality Control: *It is the intention of the TOWN that design CONSULTANTS, including their subconsultant(s), are held responsible for their work, including plans review. The purpose of CONSULTANT plan reviews is to ensure that CONSULTANT plans follow the plan preparation procedures outlined in the FDOT Design Manual, that TOWN, state and federal design criteria are followed with the TOWN concept, and that the CONSULTANT submittals are complete. All subconsultant document submittals shall be submitted by the subconsultant directly to the CONSULTANT for their independent Quality Assurance/Quality Control review and subsequent submittal to the TOWN.*

It is the CONSULTANT'S responsibility to independently and continually QC their plans and other deliverables. The CONSULTANT should regularly communicate with the TOWN's Project Manager to discuss and resolve issues or solicit opinions from those within designated areas of expertise.

The CONSULTANT shall be responsible for the professional quality, technical accuracy and coordination of all surveys, designs, drawings, specifications and other services furnished by the CONSULTANT and their subconsultant(s) under this contract.

The CONSULTANT shall provide a Quality Control Plan that describes the procedures to be utilized to verify, independently check, and review all maps, design drawings, specifications, and other documentation prepared as a part of the contract. The CONSULTANT shall describe how the checking and review processes are to be documented to verify that the required procedures were followed. The Quality Control Plan shall be one specifically designed for this project. The CONSULTANT shall submit a Quality Control Plan for approval within twenty-one (21) calendar days of the written Notice to Proceed and it shall be signed by the CONSULTANT's Project Manager and the CONSULTANT QC Manager. The Quality Control Plan shall include the names of the CONSULTANT's staff that will perform the quality control reviews. The Quality Control reviewer shall be a Florida Licensed Professional Engineer fully prequalified under F.A.C. 14-75 in the work type being reviewed. A marked up set of prints from a Quality Control Review indicating the reviewers for each component (structures, roadway, drainage, signals, geotechnical, signing and marking, lighting, surveys, etc.) and a written resolution of comments on a point-by-point basis will be required, if requested by the TOWN, with each phase submittal. The responsible Professional Engineer, Landscape Architect, or Professional Surveyor & Mapper that performed the Quality Control review will sign a statement certifying that the review was conducted and found to meet required specifications.

The CONSULTANT shall, without additional compensation, correct all errors or deficiencies in the designs, maps, drawings, specifications and/or other products and services.

Supervision: *The CONSULTANT shall supervise all technical design activities.*

Coordination: *The CONSULTANT shall coordinate with all disciplines of the project to produce the Final Design and Construction Documents.*

Project General Tasks

Project General Tasks, described in Sections 3.1 through 3.13 below, represent work efforts that are applicable to the project as a whole and not to any one or more specific project activity. The work described in these tasks shall be performed by the CONSULTANT when included in the project scope.

3.1 Public Involvement – N/A

3.1.1 Community Engagement Plan - N/A

3.1.2 Notifications - N/A

3.1.3 Preparing Mailing Lists - N/A**3.1.4 Median Modification Letters - N/A****3.1.5 Driveway Modification Letters – N/A****3.1.6 Newsletters - N/A****3.1.7 Renderings and Fly-Throughs – N/A****3.1.8 PowerPoint Presentations – N/A****3.1.9 Public Meeting Preparations – N/A****3.1.10 Public Meeting Attendance and Follow-up – N/A****3.1.11 Other Agency Meetings**

The CONSULTANT may be required to participate in meetings with local governing authorities and/or Metropolitan Planning Organization (MPO). The CONSULTANT's participation may include, but not be limited to, presentations during the meeting, note taking, and summarizing the meeting in a memo to the file. It is estimated for this project there will be 2 meetings with local governing authorities and/or MPOs during the design.

3.1.12 Web Site - N/A**3.2 Joint Project Agreements - N/A****3.3 Specifications Package Preparation**

The CONSULTANT will review the specifications package prepared by TOWN.

3.4 Contract Maintenance**3.5 Value Engineering (Multi-Discipline Team) Review - N/A****3.6 Prime Consultant Project Manager Meetings**

Includes only the Prime Consultant Project Manager's time for travel and attendance at Activity Technical Meetings and other meetings listed in the meeting summary for Task 3.6 on tab 3 Project General Task of the staff hour forms. Staff hours for other personnel attending Activity Technical Meetings are included in the meeting task for that specific Activity. For basis of estimating time for project manager assume project involvement to perform general tasks, invoicing, updates as necessary, etc. for a period of 12 months.

3.7 Plans Update - N/A**3.8 Post Design Services – N/A****3.9 Digital Delivery**

The CONSULTANT shall deliver final contract plans and documents in digital format. The final contract plans, and documents shall be digitally signed, and sealed files delivered to the TOWN on acceptable electronic media, as determined by the TOWN.

3.10 Risk Assessment Workshop - N/A**3.11 Railroad, Transit and/or Airport Coordination**

The CONSULTANT shall coordinate with Pinellas County transit (PSTA) to determine bus stop locations.

3.12 Landscape and Existing Vegetation Coordination - N/A**3.13 Other Project General Tasks - N/A****4 ROADWAY ANALYSIS**

The CONSULTANT shall analyze and document Roadway Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

4.1 Typical Section Package - N/A**4.2 Pavement Type Selection Report - N/A****4.3 Pavement Design Package****4.4 Cross-Slope Correction – N/A****4.5 Horizontal/Vertical Master Design Files**

The CONSULTANT shall design the geometrics using the Standard Plans that are most appropriate with proper consideration given to the design traffic volumes, design speed, capacity and levels of service, functional classification, adjacent land use, design consistency and driver expectancy, aesthetics, existing vegetation to be preserved, pedestrian and bicycle concerns, ADA requirements, Safe Mobility For Life Program, access management, PD&E documents and scope of work. The CONSULTANT shall also develop utility conflict information to be provided to project Utility Coordinator in the format requested by the TOWN, and shall review Utility Work Schedules

4.6 Access Management - N/A**4.7 Roundabout Evaluation - N/A****4.8 Roundabout Final Design Analysis – N/A****4.9 Cross Section Design Files**

The CONSULTANT shall establish and develop cross section design files in accordance with the CADD manual, as applicable.

4.10 Traffic Control Analysis – N/A**4.11 Master TCP Design Files – N/A****4.12 Selective Clearing and Grubbing – N/A****4.14 Design Exceptions – N/A****4.15 Design Report – N/A****4.16 Quantities**

The CONSULTANT shall develop accurate quantities, the required plans sheets and their supporting documentation, including construction days when required.

4.17 Cost Estimate**4.18 Technical Special Provisions - N/A****4.19 Other Roadway Analysis - N/A****4.20 Field Reviews****4.21 Monitor Existing Structures - N/A****4.22 Technical Meetings****4.23 Quality Assurance/Quality Control****4.24 Independent Peer Review - N/A**

- 4.25 Supervision**
- 4.26 Coordination**

5 ROADWAY PLANS

The CONSULTANT shall prepare Roadway, Traffic Control, and Utility Adjustment Sheets. The plans shall include the following sheets necessary to convey the intent and scope of the project for the purposes of construction.

- 5.1 Key Sheet**
- 5.2 Summary of Pay Items Including Quantity Input**
- 5.3 Typical Section Sheets**
 - 5.3.1 Typical Sections**
 - 5.3.2 Typical Section Details**
- 5.4 General Notes/Pay Item Notes**
- 5.5 Summary of Quantities Sheets – N/A**
- 5.6 Project Layout – N/A**
- 5.7 Plan/Profile Sheet - N/A**
- 5.8 Profile Sheet**
- 5.9 Plan Sheet**
- 5.10 Special Profile**
- 5.11 Back-of-Sidewalk Profile Sheet**
- 5.12 Interchange Layout Sheet - N/A**
- 5.13 Ramp Terminal Details (Plan View) - N/A**
- 5.14 Intersection Layout Details – N/A**
- 5.15 Special Details - N/A**
- 5.16 Cross-Section Pattern Sheet(s) – N/A**
- 5.17 Roadway Soil Survey Sheet(s) – N/A**
- 5.18 Cross Sections**

Based on cross sections plotted at 100 ft. spacing.
- 5.19 Temporary Traffic Control Plan Sheets – N/A**
- 5.20 Temporary Traffic Control Cross Section Sheets – N/A**
- 5.21 Temporary Traffic Control Detail Sheets**
- 5.22 Utility Adjustment Sheets**
- 5.23 Selective Clearing and Grubbing Sheet(s) - N/A**
- 5.25 Project Network Control Sheet(s)**
- 5.26 Environmental Detail Sheets - N/A**
- 5.27 Utility Verification Sheet(s) (SUE Data) – N/A**
- 5.28 Quality Assurance/Quality Control**
- 5.29 Supervision**

6a DRAINAGE ANALYSIS

The CONSULTANT shall analyze and document Drainage Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

The CONSULTANT shall be responsible for providing a final drainage and stormwater management system. All design work shall comply with the requirements of the appropriate regulatory agencies and the TOWN's Drainage Manual.

The CONSULTANT shall coordinate fully with the appropriate permitting agencies and the TOWN's staff. All activities and submittals should be coordinated through the TOWN's Project Manager. The work will include the engineering analyses for any or all of the following:

6a.1 Drainage Map Hydrology

Create a post-condition working drainage basin map to be used in defining the system hydrology. This map shall incorporate drainage basin boundaries, existing survey and/or LiDAR and field observations, as necessary, to define the system. Basin delineations shall also include any existing collection systems in a logical manner to aid in the development of the hydraulic model. Include coordination hours needed to convey drainage hydrologic features onto produced drainage maps.

6a.2 Base Clearance Report – N/A**6a.3 Pond Siting Analysis and Report - N/A****6a.4 Design of Cross Drains - N/A****6a.5 Design of Ditches – N/A****6a.6 Design of Stormwater Management Facility (Offsite or Infield Pond) - N/A****6a.7 Design of Stormwater Management Facility (Roadside Ditch as Linear Pond) - N/A****6a.8 Design of Floodplain Compensation - N/A****6a.9 Design of Storm Drains**

Provide inlets, manholes, and other closed collection system drainage structures as necessary to connect to the existing collection system infrastructure.

6a.10 Optional Culvert Material - NA**6a.11 French Drain Systems - N/A****6a.12 Drainage Wells - N/A****6a.13 Drainage Design Documentation Report**

Final document will be a technical memorandum with closed collection system calculations attached. Full report not anticipated.

6a.14 Bridge Hydraulic Report - N/A**6a.15 Temporary Drainage Analysis**

Identify any temporary drainage measures based on phased construction.

6a.16 Cost Estimate**6a.17 Technical Special Provisions - N/A****6a.18 Other Drainage Analysis - N/A****6a.19 Field Reviews**

- 6a.20 Technical Meetings**
- 6a.21 Environmental Look-Around Meetings - N/A**
- 6a.22 Quality Assurance/Quality Control**
- 6a.23 Independent Peer Review - N/A**
- 6a.24 Supervision**
- 6a.25 Coordination**

6b DRAINAGE PLANS

6b.1 Drainage Map

Provide a Drainage Map at a scale of 1" = 200' depicting basin boundaries and flow patterns in the vicinity of the intersection. Provide an existing drainage structures sheet with drainage structure type, size, and inverts for structures within the project limits.

6b.2 Bridge Hydraulics Recommendation Sheets – N/A

6b.3 Summary of Drainage Structures

6b.4 Optional Pipe/Culvert Material – N/A

6b.5 Drainage Structure Sheets

6b.6 Miscellaneous Drainage Detail – N/A

6b.7 Lateral Ditch Plan/Profile – N/A

6b.8 Lateral Ditch Cross-sections – N/A

6b.9 Retention/Detention Pond Detail Sheets – N/A

6b.10 Retention Pond Cross Sections – N/A

6b.11 Erosion Control Plan Sheets – N/A

Erosion control will be incorporated into the roadway plan sheets. Separate erosion control sheets will not be generated as part of this scope of services.

6b.12 SWPPP Sheets

6b.13 Quality Assurance/Quality Control

6b.14 Supervision

7 UTILITIES

The CONSULTANT shall identify utility facilities and secure agreements, utility work schedules, and plans from the Utility Agency Owners (UAO) ensuring all conflicts that exist between utility facilities and the TOWN's construction project are addressed. The CONSULTANT shall certify all utility negotiations have been completed and that arrangements have been made for utility work to be undertaken.

7.1 Utility Kickoff Meeting - N/A

7.2 Identify Existing Utility Agency Owner(s) – N/A

7.3 Make Utility Contacts

The utility contact will be made following the 60% plans submittal to the TOWN. Request Red Green-Brown markups (RGB's) providing proposed relocations of the existing utilities required to avoid conflicts with the proposed roadway improvements. Send UAO requests for reimbursement to HILLSBOROUGH TOWN for a legal opinion. Include the meeting schedule (if applicable) and the design schedule. Include typical meeting agenda. If scheduling a meeting, allow four (4) weeks advance notice.

7.4 Exception Processing - N/A**7.5 Preliminary Utility Meeting - N/A****7.6 Individual/Field Meetings - N/A****7.7 Collect and Review Plans and Data from UAO(s) – Preliminary Plan, 60% and 100% Submittal**

The CONSULTANT shall review utility marked plans and data individually as they are received for content. Ensure information from the UAO (utility type, material and size) is sent to the designer for inclusion in the plans. Forward all requests for utility reimbursement and supporting documentation to the TOWN Project Manager.

7.8 Subordination of Easements Coordination - N/A**7.9 Utility Design Meeting – 60% Submittal**

The CONSULTANT shall schedule (time and place), notify participants about, and conduct a Utility meeting with all affected UAO(s). The CONSULTANT shall be prepared to discuss drainage, traffic signalization, maintenance of traffic (construction phasing), review the current design schedule and letting date, evaluate the utility information collected, provide follow-up information on compensable property rights from Hillsborough Counties Legal Office, discuss with each UAO the utility work by highway contractor option, and discuss any future design issues that may impact utilities, etc. to the extent that they may have an effect on existing or proposed utility facilities with particular emphasis on drainage and maintenance of traffic with each UAO. The intent of this meeting shall be to assist the UAOs in identifying and resolving conflicts between utilities and proposed construction before completion of the plans, including utility adjustment details, and to work with the UAOs to recommend potential resolution between known utility conflicts with proposed construction plans as may be deemed practical by the UAO. The CONSULTANT shall be prepared to discuss all findings from Utility Designating and Locating efforts, and the possible need for additional verification. The CONSULTANT shall keep accurate minutes of all meetings and distribute a copy to all attendees within three (3) calendar days. See Task 4.5. Horizontal/Vertical Master Design Files for utility conflict location identification and adjustments.

7.10 Review Utility Markups & Work Schedules and Processing of Schedules & Agreements – N/A**7.11 Utility Coordination/Follow-up**

The CONSULTANT shall provide utility coordination and follow up. This includes follow-up, interpreting plans, and assisting the UAOs with completion of their work schedules and agreements. Includes phone calls, face-to-face meetings, etc. to motivate and ensure the UAO(s) complete and return the required documents in accordance with the project schedule. The CONSULTANT shall ensure the resolution of all known conflicts. The CONSULTANT shall keep accurate minutes of all meetings and distribute a copy to all attendees. This task can be applied to all phases of the project.

7.12 Utility Constructability Review – N/A**7.13 Additional Utility Services - N/A****7.14 Processing Utility Work by Highway Contractor (UWHC) - N/A****7.15 Contract Plans to UAO(s)****7.16 Certification/Close-Out – N/A.****7.17 Other Utilities**

The CONSULTANT will prepare lighting, watermain and/or forcemain relocations based on RGB's from the TOWN.

8 ENVIRONMENTAL PERMITS, COMPLIANCE AND CLEARANCES

The CONSULTANT shall notify the TOWN Project Manager, Environmental Permit Coordinator and other appropriate TOWN personnel in advance of all scheduled meetings with the regulatory agencies to allow a TOWN representative to attend. The CONSULTANT shall copy in the Project Manager and the Environmental Permit Coordinator on all permit related correspondence and meetings.

8.1 Preliminary Project Research

The CONSULTANT shall perform preliminary project research and shall be responsible for regulatory agency coordination to assure that design efforts are properly directed toward permit requirements.

The CONSULTANT shall also review for any existing easements or other restrictions that may exist within proposed project boundary. Project research may include but should not be limited to review of available federal, state, and local permit files and databases, local government information including TOWN and property appraiser data. This information will be shown on the plans as appropriate.

8.2 Field Work - N/A**8.2.1 Pond Site Alternative – N/A****8.2.2 Establish Wetland Jurisdictional Lines and Assessments – N/A****8.2.3 Species Surveys – N/A****8.2.4 Archeological Surveys – N/A****8.3 Agency Verification of Wetland Data - N/A****8.4 Complete and Submit All Required Permit Applications - N/A****8.5 Prepare Dredge and Fill Sketches (as needed) - N/A****8.6 Prepare USCG Permit - N/A****8.7 Prepare Water Management District Right of Way Occupancy Permit - N/A****8.8 Prepare Coastal Construction Control Line (CCCL) Permit Application (as needed) - N/A****8.9 Prepare Tree Permit Information – N/A****8.10 Mitigation Design - N/A****8.11 Mitigation Coordination and Meetings - N/A****8.12 Other Environmental Permits**

Obtain permit exemption from the Southwest Florida Water Management District.

8.13 Technical Support to the TOWN for Environmental Clearances and Re-evaluations - N/A**8.14 Preparation of Environmental Clearances and Reevaluations - N/A****8.15 Contamination Impact Analysis – N/A****8.16 Asbestos Survey - N/A****8.17 Technical Meetings**

The CONSULTANT shall schedule and attend a pre-application meeting(s) with the appropriate regulatory agencies to determine the permitting requirements.

8.18 Quality Assurance/Quality Control**8.19 Supervision****8.20 Coordination****9 STRUCTURES - SUMMARY & MISCELLANEOUS TASKS & DRAWINGS – N/A****10 STRUCTURES - BRIDGE DEVELOPMENT REPORT - N/A****11 STRUCTURES - TEMPORARY BRIDGE - N/A****12 STRUCTURES - SHORT SPAN CONCRETE BRIDGE - N/A****13 STRUCTURES - MEDIUM SPAN CONCRETE BRIDGE - N/A**

14 STRUCTURES - STRUCTURAL STEEL BRIDGE - N/A**15 STRUCTURES - SEGMENTAL CONCRETE BRIDGE - N/A****16 STRUCTURES - MOVABLE SPAN - N/A****17 STRUCTURES - RETAINING WALLS - N/A****18 STRUCTURES – MISCELLANEOUS - N/A****19 SIGNING AND PAVEMENT MARKING ANALYSIS**

The CONSULTANT shall analyze, prepare and document, as necessary Signing and Pavement Markings plans in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memoranda.

19.1 Traffic Data Analysis - N/A**19.2 No Passing Zone Study – N/A****19.3 Reference and Master Design File**

The CONSULTANT shall prepare the Signing & Pavement Marking Design files to include all necessary design elements and all associated reference files.

19.4 Multi-Post Sign Support Calculations - N/A**19.5 Sign Panel Design Analysis - N/A****19.6 Sign Lighting/Electrical Calculations – N/A****19.7 Quantities**

The CONSULTANT shall provide quantity take off for the project at 60%, 100% and Final for the signing and pavement-marking component of the entire project.

19.8 Cost Estimate

The CONSULTANT shall be responsible for producing an accurate engineer's construction cost estimate for the signing and pavement marking component at 60%, 100% and Final.

19.9 Technical Special Provisions – N/A**19.10 Other Signing and Pavement Marking Analysis – N/A****19.11 Field Reviews**

The CONSULTANT shall conduct field reviews of the project. This includes all trips required to obtain necessary data for all elements of the project.

19.12 Technical Meetings - N/A**19.13 Quality Assurance/Quality Control****19.14 Independent Peer Review – N/A****19.15 Supervision****19.16 Coordination****20 SIGNING AND PAVEMENT MARKING PLANS**

The CONSULTANT shall prepare Signing and Pavement Marking Plans in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memoranda that includes the following.

- 20.1 Key Sheet – N/A (included with Roadway Plans)**
- 20.2 Summary of Pay Items – N/A**
- 20.3 Tabulation of Quantities**
The CONSULTANT shall include all project quantities in the tabulation of quantities sheets and provide updating of the tabulation of quantities sheets.
- 20.4 General Notes/Pay Item Notes - N/A**
- 20.5 Project Layout - N/A**
- 20.6 Plan Sheet**
The CONSULTANT shall prepare the Signing & Marking plan sheets utilizing the Design file to include all necessary information related to the project design elements and all associated reference files. All traffic plans shall be prepared at a scale of 1" = 40'.
- 20.7 Typical Details - N/A**
- 20.8 Guide Sign Work Sheet(s) - N/A**
- 20.9 Traffic Monitoring Site – N/A**
- 20.10 Cross Sections – N/A**
- 20.11 Special Service Point Details – N/A**
- 20.12 Special Details - N/A**
- 20.13 Interim Standards – N/A**
- 20.14 Quality Assurance/Quality Control**
- 20.15 Supervision**
- 21 SIGNALIZATION ANALYSIS – N/A**
- 23 LIGHTING ANALYSIS - N/A**
- 24 LIGHTING PLANS – N/A**
- 25 LANDSCAPE ARCHITECTURE ANALYSIS - N/A**
- 26 LANDSCAPE ARCHITECTURE PLANS - N/A**
- 27 SURVEY**
The Design Topographic Survey will be obtained including horizontal and vertical control, construction alignment and approximate existing right-of-way lines, topography, and digital terrain model (DTM).
The CONSULTANT shall perform survey tasks in accordance with all applicable statutes, manuals, guidelines, standards, handbooks, procedures, and current design memoranda.
The CONSULTANT shall submit all survey notes and computations to document the surveys. All field survey work shall be recorded in approved media and submitted to the TOWN. Field books submitted to the TOWN must be of an approved type. The field books shall be certified by the surveyor in responsible charge of work being performed before the final product is submitted.
The survey notes shall include documentation of decisions reached from meetings, telephone conversations or site visits. All like work (such as bench lines, reference points, etc.) shall be recorded contiguously.
- 27.1 Horizontal Project Control (HPC)**
Establish horizontal project control at 500' intervals throughout the project limits.
- 27.2 Vertical Project Control (VPC)**

- Establish vertical project control at 500' intervals throughout the project limits.
- 27.3 Alignment and/or Existing Right of Way (R/W) Lines –**
Establish a project construction line throughout the project limits. Approximate corridor R/W will be depicted based on platted geometry boundary information.
- 27.4 Aerial Targets - N/A**
- 27.5 Reference Points**
Reference Beginning of Survey, End of Survey, and deflection points along the project construction line.
- 27.6 Topography/Digital Terrain Model (DTM) (3D)**
Locate all above ground features and improvements for the limits by collecting the required data with sufficient density for the purpose of a digital terrain model (DTM) survey.
- 27.7 Planimetric (2D)**
- 27.8 Roadway Cross Sections/Profiles – N/A**
- 27.9 Side Street Surveys**
Six anticipated side street locations to be surveyed to 15' beyond the main line corridor Right of Way.
- 27.10 Underground Utilities – N/A**
- 27.11 Outfall Survey – N/A**
- 27.12 Drainage Survey – N/A**
- 27.13 Bridge Survey (Minor/Major) - N/A**
- 27.14 Channel Survey - N/A**
- 27.15 Pond Site Survey - N/A**
- 27.16 Mitigation Survey - N/A**
- 27.17 Jurisdiction Line Survey – N/A**
- 27.18 Geotechnical Support – N/A**
- 27.19 Sectional/Grant Survey - N/A**
- 27.20 Subdivision Location - N/A**
- 27.21 Maintained R/W – N/A**
- 27.22 Boundary Survey – N/A**
- 27.23 Water Boundary Survey - N/A**
- 27.24 Right of Way Staking, Parcel / Right of Way Line – N/A**
- 27.25 Right of Way Monumentation – N/A**
- 27.26 Line Cutting - N/A**
- 27.27 Work Zone Safety – N/A**
- 27.28 Miscellaneous Surveys – N/A**
- 27.29 Supplemental Surveys – N/A**
- 27.30 Document Research – N/A**
- 27.31 Field Review**
Included in 27.6
- 27.32 Technical Meetings – N/A**

27.33 Quality Assurance/Quality Control (QA/QC)**27.34 Supervision**

Perform all activities required to supervise and coordinate project. These activities must be performed by the project supervisor, a Florida P.S.M. or their delegate as approved by the TOWN Surveying Office.

27.35 Coordination

Coordinate survey activities with other disciplines. These activities must be performed by the project supervisor, a Florida P.S.M. or their delegate as approved by the TOWN Surveying Office.

28 PHOTOGRAMMETRY - N/A**29 MAPPING - N/A****30 TERRESTRIAL MOBILE LiDAR - N/A****31 ARCHITECTURE DEVELOPMENT - N/A****32 NOISE BARRIERS IMPACT DESIGN ASSESSMENT IN THE DESIGN PHASE - N/A****33 INTELLIGENT TRANSPORTATION SYSTEMS ANALYSIS - N/A****34 INTELLIGENT TRANSPORTATION SYSTEMS PLANS - N/A****35 GEOTECHNICAL - N/A****36 3D MODELING – N/A****37 PROJECT REQUIREMENTS****37.1 Liaison Office - N/A****37.2 Key Personnel**

The CONSULTANT's work shall be performed and directed by the key personnel identified in the proposal presentations by the CONSULTANT. Any changes in the indicated personnel shall be subject to review and approval by TOWN.

37.3 Progress Reporting

The CONSULTANT shall meet with the TOWN as required and shall provide a written monthly progress report with approved schedule, schedule status, and payout curve or by using the earned value method that describe the work performed on each task. The report will include assessing project risk through monthly documentation of identifying and updating the risk category and approach for monitoring those tasks. Invoices shall be submitted after the TOWN approves the monthly progress report and the payout curve or with earned value analysis. The Project Manager will make judgment on whether work of sufficient quality and quantity has been accomplished by comparing the reported percent complete against actual work accomplished.

37.4 Correspondence

Copies of all written correspondence between the CONSULTANT and any party pertaining specifically to this contract shall be provided to the TOWN for their records within one (1) week of the receipt or mailing of said correspondence.

37.5 Professional Endorsement

The CONSULTANT shall have a Licensed Professional Engineer in the State of Florida sign and seal all reports, documents, technical special provisions, and plans as required by TOWN standards.

37.6 Computer Automation

The project will be developed utilizing Computer Aided Drafting and Design (CADD) systems. FDOT makes available software to help assure quality and conformance with policy and procedures regarding CADD. It is the responsibility of the CONSULTANT to meet the requirements in FDOT's CADD Manual. The CONSULTANT shall submit final documents and files as described therein.

37.7 Coordination with Other Consultants

The CONSULTANT is to coordinate his work with any and all adjacent and integral consultants so as to effect complete and homogenous plans and specifications for the project(s) described herein.

37.8 Optional Services - N/A

38 INVOICING LIMITS

Payment for the work accomplished shall be in accordance with Method of Compensation of this contract. Invoices shall be submitted to the TOWN, in a format prescribed by the TOWN. The TOWN Project Manager and the CONSULTANT shall monitor the cumulative invoiced billings to ensure the reasonableness of the billings compared to the project schedule and the work accomplished and accepted by the TOWN.

The CONSULTANT shall provide a list of key events and the associated total percentage of work considered to be complete at each event. This list shall be used to control invoicing. Payments will not be made that exceed the percentage of work for any event until those events have actually occurred and the results are acceptable to the TOWN.



Legislation Details (With Text)

File #: 21-0107 **Version:** 1 **Name:**
Type: Award of Bid **Status:** Agenda Ready
File created: 4/16/2021 **In control:** Town Commission
On agenda: 4/20/2021 **Final action:**
Title: Discussion and approval of Purchase of Pedestrian Signage and Beacons from Tapco.
Sponsors: JP Murphy
Indexes:
Code sections:
Attachments: [kmlmap.pdf](#)
[page0010.pdf](#)
[EST-004298.pdf](#)
[PDF.pdf](#)

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

Summary

To: Mayor Wilkinson and Commissioners
From: JP Murphy, Town Manager, ICMA-CM
Date: 4/16/2021

Subject:

Discussion and Approval purchase of TAPCO Rectangular Rapid Flashing Beacons (RRFB)

Summary:

There are 12 mid-block crossing (see map attached) that would benefit from the use of Rectangular Rapid Flashing Beacons (RRFB). The town worked with TAPCO through it's purchasing alliance Omnia partners, to procure a quote and design for RRFB's to be installed at these mid-block crossings. In most situations the signs and beacons would be solar powered but could be hardwired to decrease the profile of the sign in a given area, or if tree cover makes the solar panel ineffective. TAPCO will be field reviewing all of the proposed intersections. The town may realize some small savings by not using solar, but will have additional electrical install costs that were not quoted as well as on going electrical maintenance similar to the streetlights. The RRFB will flash only when manually activated by a pedestrian while crossing the road. Please refer to the attached spec sheet to see an example of the signs and beacons.

Commissioner Shelly rightly pointed out at the last meeting that there is a bill (HB113-attached) in the legislature that may render these signs illegal. If approved, staff would wait to issue a PO until final action on the bill is taken. TAPCO is exploring a red-retrofit option for it's Florida customers. Installing before October 1, 2021 would allow the town to install them without a traffic study.

Expenditure Challenges : \$88,356 from small roadway projects in the Capital Projects Fund.

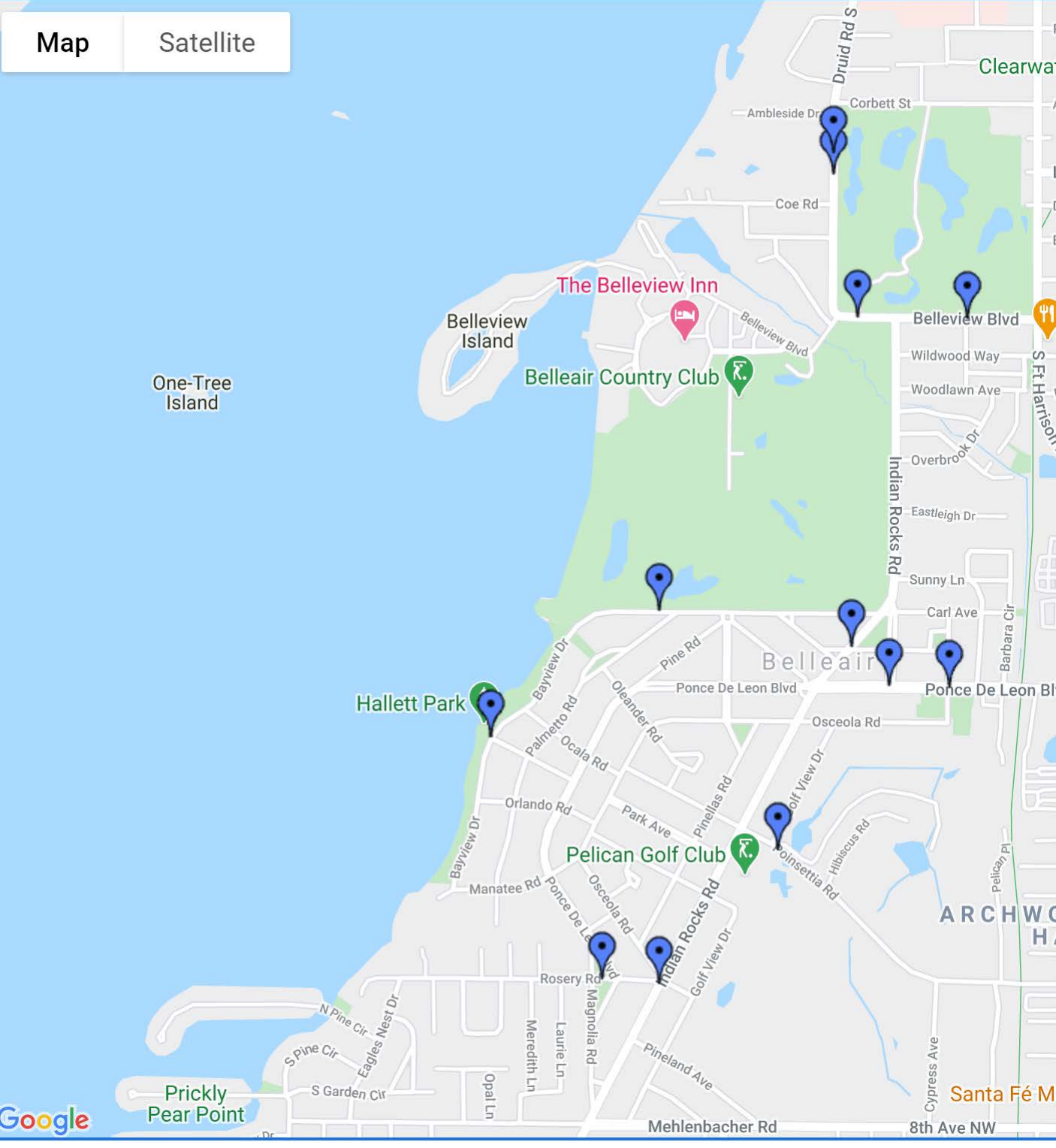
Financial Implications: \$88,356

Recommendation: I recommend approval

Proposed Motion: Move approval of the purchase of 12 RRFB from TAPCO in the amount of \$88,356.

Map

Satellite



One-Tree Island

Belleview Island

The Belleview Inn

Belleair Country Club

Hallett Park

Pelican Golf Club

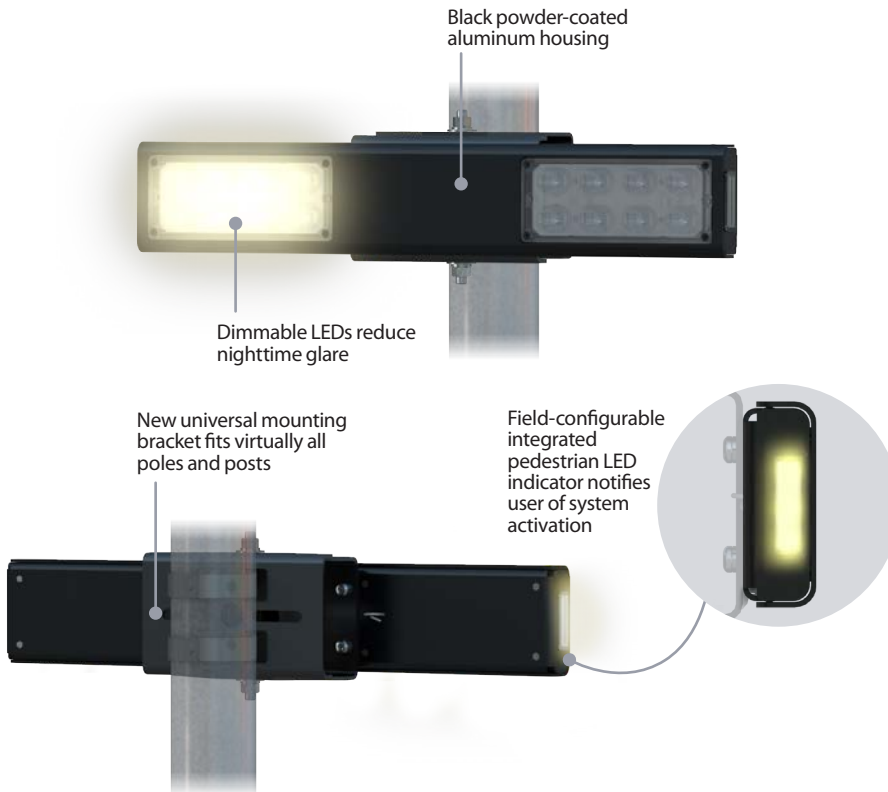
Belleair

Prickly Pear Point

LED-ENHANCED WARNING ALERTS

RRFB: RECTANGULAR RAPID FLASHING BEACONS

A step above the industry standard, TAPCO RRFB light bars are extra-large rectangular rapid flashing beacons, making them highly visible to drivers approaching pedestrian crosswalks.



FHWA-COMPLIANT (IA-21)

- Utilizes the WW+S flash pattern and meets SAE J595 Class 1 brightness and 7-inch indicator light spacing as outlined in Interim Approval 21

VARIABLE DIMMING

- LEDs automatically dim based upon ambient light – maintaining optimal LED output and extending battery life

PROVEN RESULTS

- Increases driver yield rates by as much as 90%*





Quote
EST-004298

3001 Orange Avenue
Fort Pierce, FL 34947

Bill To
Town of Belleair
901 Ponce De Leon Blvd
Belleair, FL 33756

Ship To
901 Ponce De Leon Blvd
Belleair, FL 33756

Estimate Date : 02.23.21
Delivery Preference : None

| # | Item & Description | BIN # | Qty | Rate | Amount |
|---|--|-------|-------------|----------|-----------|
| 1 | RRFB Assembly, Solar Powered, Side of Pole - Banded, Bulldog Yellow, Back to Back, 36" W11-2, 24x12 W16-7pL/R, 13' x 4.5"OD SKU : NA45-12233 Constituents.. 1) [N500029]Controller, Legacy, Radio, 108045-PEM, 48Ah, Hollow - 1 EA 2) [N2180-BRKT-R]Cabinet Bracket Set, Fits Round Pole 2-3/8" & Up. - 1 EA 3) [NSLR-55-B]55W / 12V Solar Panel Package, 4.5" OD, Top of Pole Mount - 1 EA 4) [N101494]Battery, DEKA Solar 12V, 48Ah, VRLA 8G40-DEKA - 1 EA 5) [N138089]RRFB Assembly, Universal Mount - 2 EA 6) [N101620]Push Button Bulldog Add-On Option Kit Yellow, with LED - 1 EA 7) [ad52713636az0ede]Sign, W11-2, 36 x 36 x 080, FYG DG3, Diamond, DOT Holes, 2.25 in. radius - 2 EA 8) [EF00007]FDOT Sign Mounting Kit, 4.5" OD, for 36" Diamond - 2 EA 9) [ad28402412az0add]Sign, W16-7PL, 24 x 12 x 080, FYG DG3, Horizontal, DOT Holes, 1.5 in. radius - 1 EA 10) [ad39152412az0add]Sign, W16-7PR, 24 x 12 x 080, FYG DG3, Horizontal, DOT Holes, 1.5 in. radius - 1 EA 11) [EF00005]FDOT Sign Mounting Kit, 4.5"OD, for 24 x 12 Horizontal Rectangle - 2 EA 12) [DP00004]Pole Package, 13' x 4.5" OD, To Include: Pole, Base, Four J-Bolts and Hardware - 1 EA | N/A | 24.00 EA | 3,681.50 | 88,356.00 |

Sub Total 88,356.00

FL STATE TAX (6%) 5,301.36

FL COUNTY TAX (1%) 50.00

Total \$93,707.36

Notes

- ** Estimated completion is +/- 4-5 weeks
- ** No bid foundation, installation, and additional items not listed above.
- ** Full freight included.

We are looking forward to your business. If you have any questions, please do not hesitate to contact us by phone at 1-800-432-0331 or by email at office@universalsignsfl.com

For issues with orders, please forward concerns to support@universalsignsfl.com. For further pricing requests and inquiries, please route your questions to sales@universalsignsfl.com

Terms & Conditions

** Remit payment to:

FEI: 59-1053866

Universal Signs & Accessories

A Division of McCain Sales of Florida, Inc.

3001 Orange Avenue

Fort Pierce, FL 34947

** All COD accounts must be paid in full prior to processing a sales order.

** All credit accounts must be paid in 30 days from date of invoice.

** All returned items will be subject to a restocking fee, which may equal the items' cost

** Past due invoices will accrue interest at 1.5% per month.

** If it becomes necessary to effect collection, all costs incurred to administrate collection, including attorney fees, court costs, or collection fees will be the responsibility of the customers.

Authorized Signature _____

1 A bill to be entitled
2 An act relating to traffic and pedestrian safety;
3 providing a short title; creating s. 316.0756, F.S.;
4 requiring a traffic engineering study to be conducted
5 which recommends installation of a specified
6 pedestrian crosswalk before such installation occurs;
7 requiring a pedestrian crosswalk on a public highway,
8 street, or road which is located at any point other
9 than at an intersection with another public highway,
10 street, or road to conform to specified requirements;
11 providing coordination requirements for certain
12 devices and signals; requiring that traffic control
13 signal devices at adjacent intersections be taken into
14 consideration; requiring, by a specified date, the
15 entity with jurisdiction over a public highway,
16 street, or road with a certain pedestrian crosswalk to
17 ensure that the crosswalk conforms to specified
18 requirements; authorizing such entity, alternatively,
19 to remove any such crosswalk; requiring, by a
20 specified date, the Department of Transportation to
21 submit a certain request for authorization to the
22 Federal Government; requiring applicable entities to
23 replace or remove specified traffic control devices
24 within a specified timeframe after the date of federal
25 authorization or denial, as applicable; authorizing

HB 1113

2021

26 retrofitting of crosswalks with legally acceptable
27 equipment; providing a declaration of important state
28 interest; providing an effective date.

30 Be It Enacted by the Legislature of the State of Florida:

31
32 Section 1. This act may be cited as the "Sophia Nelson
33 Pedestrian Safety Act."

34 Section 2. Section 316.0756, Florida Statutes, is created
35 to read:

36 316.0756 Traffic control signal devices and pedestrian
37 control signals at crosswalks other than at intersections.—

38 (1)(a) Before the installation of a pedestrian crosswalk
39 after October 1, 2021, on a public highway, street, or road
40 which is located at any point other than at an intersection with
41 another public highway, street, or road, a traffic engineering
42 study must be conducted by a Florida licensed professional
43 engineer which recommends the installation of such crosswalk.

44 (b) Notwithstanding any law to the contrary:

45 1. A pedestrian crosswalk on a public highway, street, or
46 road that has a posted speed limit of 30 miles per hour or more
47 which is located at any point other than at an intersection with
48 another public highway, street, or road must conform to the
49 requirements of chapters 4D and 4E of the most recent Manual on
50 Uniform Traffic Control Devices and other applicable Department

51 of Transportation standards, manuals, and specifications and
52 must include a pedestrian-facing sign containing language
53 stating duties applicable to a pedestrian, as provided in this
54 chapter.

55 2. A pedestrian crosswalk on a public highway, street, or
56 road that has a posted speed limit of 29 miles per hour or less
57 which is located at any point other than at an intersection with
58 another public highway, street, or road must include a
59 pedestrian-facing sign containing language stating duties
60 applicable to a pedestrian, as provided in this chapter.

61 (c) Traffic control signal devices and pedestrian control
62 signals at crosswalk locations described in subparagraph (b)1.
63 must be coordinated with traffic control signal devices at
64 intersections adjacent to the crosswalk, and such traffic
65 control signal devices at intersections adjacent to the
66 crosswalk must be taken into consideration as provided in the
67 most recent Manual on Uniform Traffic Control Devices and other
68 applicable Department of Transportation specifications.

69 (2) By October 1, 2024, the entity with jurisdiction over
70 a public highway, street, or road with a crosswalk described in
71 subsection (1) which is in existence on October 1, 2021, shall
72 ensure that such crosswalk is controlled by coordinated traffic
73 control signal devices and pedestrian control signals as
74 required under subsection (1). Alternatively, the entity with
75 jurisdiction may remove any such existing crosswalk.

76 (3) By October 1, 2022, the Department of Transportation
77 shall submit to the Federal Government a request for
78 authorization to allow yellow rectangular rapid flashing beacon
79 traffic control devices to be replaced by red rectangular rapid
80 flashing beacon traffic control devices. If the Federal
81 Government grants the request, the applicable entity must
82 replace all yellow rectangular rapid flashing beacon traffic
83 control devices at each crosswalk described in subsection (1) or
84 subsection (2) with red rectangular rapid flashing beacon
85 traffic control devices within 12 months after the date of
86 federal authorization. If the Federal Government denies the
87 request, the applicable entity must remove all yellow
88 rectangular rapid flashing beacon traffic control devices from
89 each crosswalk described in subsection (1) or subsection (2) by
90 October 1, 2025. The entity with jurisdiction over such
91 crosswalk may retrofit the crosswalk with legally acceptable
92 equipment.

93 Section 3. The Legislature finds and declares that this
94 act fulfills an important state interest.

95 Section 4. This act shall take effect October 1, 2021.



Legislation Details (With Text)

File #: 21-0109 **Version:** 1 **Name:**
Type: Discussion Items **Status:** General Agenda
File created: 4/16/2021 **In control:** Town Commission
On agenda: 4/20/2021 **Final action:**
Title: Discussion of Advisory Boards
Sponsors:
Indexes:
Code sections:
Attachments:

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

Summary

To: Town Commission
From: Ashley L. A. Bernal
Date: 4/20/2021

Subject:
Discussion of Advisory Boards

Summary:

In previous meetings, Commission wished for an analysis on staff time related to board meetings. This was so an understanding of the total time consumption and function of boards could be created. Staff has completed the compilation of these hours, with totals for each board and individual listed below.

While this is only an item for discussion, there are options for the Commission to decide on. The Commission has previously discussed the possibility of merging the Recreation and Park & Tree Boards into one "Parks and Recreation Board". An additional option is that these boards could be merged into a singular board. This would combine the duties of the previous boards, as well as any other items of miscellaneous nature for the commission.

| Staff Name | Hours |
|------------------|--------|
| Ashley Bernal | 178 |
| Cathy DeKarz | 80 |
| Christine Nicole | 204.75 |
| JP Murphy | 261.25 |
| Keith Bodeker | 106 |
| Kevin Trapp | 21 |
| Mike Shumaker | 21 |
| Rachel Hobbs | 45 |

| | |
|----------------------|-------------|
| Ricky Allison | 90 |
| Stefan Massol | 62 |
| Total | 1069 |

| | |
|------------------------------|--------------|
| Board | Hours |
| Finance | 297.5 |
| Historic Preservation | 136 |
| Infrastructure | 227.5 |
| Park and Tree | 111 |
| Planning and Zoning | 167.5 |
| Police Pension | 11 |
| Recreation | 118.5 |
| Total | 1069 |

Previous Commission Action: Discussion of potentially merging boards, as well as including a member of the Belleair Teen Council on the Recreation Board.

Expenditure Challenges: None

Recommendation: None, this item is only for discussion. Any changes discussed at this meeting will be brought back on May 4th for a resolution approval.