



Trails and Greenways Committee

Monday, August 14, 2023 at 6:00 pm

1. CALL TO ORDER, PRAYER AND PLEDGE
2. ROLL CALL
3. ADDITIONS/DELETIONS/CHANGES
4. CONSENT AGENDA

a. Approval of Minutes of 07/10/2023

Exhibit: Agenda Report Number 4a

Attachments:

- **Agenda Report Number 4a** (Agenda_Report_Number_4a.pdf)

5. PUBLIC COMMENTS
6. ACTION ITEMS
7. DISCUSSION ITEMS:

a. Trail, Kiosk and Firebreak Conditions

Exhibit: Agenda Report Number 7a

Attachments:

- **Agenda Report Number 7a** (Agenda_Report_Number_7a.pdf)

b. MSS Restoration Plan Observations and Concerns

Exhibit: Agenda Report Number 7b

Attachments:

- **Agenda Report Number 7b** (Agenda_Report_Number_7b.pdf)

c. Eagles Nest Trailhead

Exhibit: Agenda Report Number 7c

Attachments:

- **Agenda Report Number 7c** (Agenda_Report_Number_7c.pdf)

d. Cameron Preserve

Exhibit: Agenda Report Number 7d

Attachments:

- **Agenda Report Number 7d** (Agenda_Report_Number_7d.pdf)

e. Review of Purchase Requests

Exhibit: Agenda Item Number 7e

Attachments:

- **Agenda Report Number 7e** (Agenda_Report_Number_7e.pdf)

f. Next Field Event - TBD

Exhibit: Agenda Report Number 7f

Attachments:

- **Agenda Report Number 7f** (Agenda_Report_Number_7f.pdf)

8. OLD/NEW BUSINESS

a. Board Member Comments

b. Staff Reports

c. Next Scheduled Meeting Date - 09/18/2023

9. ADJOURNMENT

Contact: Richard W. Kohler (rkohler@townofmalabar.org 321-727-7764) | Agenda published on 08/13/2023 at 11:04

AM

TOWN OF MALABAR

TRAILS AND GREENWAYS COMMITTEE MEETING

AGENDA ITEM NO: 4.a
Meeting Date: August 14th, 2023

Prepared By: Richard W. Kohler, Town Clerk

SUBJECT: Approve Minutes of 7/10/2023

BACKGROUND/HISTORY:

- a. Summary of Actions at the Trails and Greenways Committee Meeting of 7/10/2023

ATTACHMENTS:

- a. Draft Minutes of T&GC Meeting of 7/10/2023

ACTION OPTIONS:

- a. Request Approval

MALABAR TRAILS AND GREENWAYS COMMITTEE REGULAR MEETING MINUTES
July 10th, 2023, 6:00 PM

This meeting of the Malabar Trails and Greenways Committee was held at Town Hall at 2725 Malabar Road.

1. CALL TO ORDER, PRAYER AND PLEDGE:

Meeting called to order at 6:02 P.M. Prayer and Pledge led by Chair Thompson.

2. ROLL CALL:

CHAIR:	DREW THOMPSON
VICE-CHAIR:	MURRAY HANN
BOARD MEMBERS:	ANNELIE HARVEY - Excused
	BOB WILBUR
	MARK BRITT
ALTERNATES:	BARBARA CAMERON
GRANT/VALKARIA LIASON:	CRAIG SMITH - Excused
BOARD SECRETARY:	RICHARD KOHLER
INTERIM FIRE CHIEF:	ANTHONY GIANTONIO

3. Additions/Deletions/Changes- None

4. CONSENT AGENDA

4.a. Regular Trails and Greenways Committee Mtg Minutes of 6/12/2023.

Motion to approve the consent agenda as amended by Cameron/Hann.

Chair noted a minor correction in Section 7.B.

All Ayes: Carried 5-0.

5. PUBLIC COMMENTS:

6. ACTION ITEMS: NONE

7. DISCUSSION

a. Trail, Kiosk and Firebreak Conditions

VC Hann states the trails are open and running well. Chair states at the BPTAC there was a survey of what the Committee should be. The conclusion was that the BPTAC members were unhappy, and to combine the board with another subcommittee. VC Hann states he shared his frustration that the committee was no longer working towards trail development. Chair states there will be another meeting to discuss it before it finalizes, but he believes it is a deletion of the BPTAC. He wanted to make the Town and Committee aware of this.

b. MSS Restoration Plan Observations and Concerns

Chair states he added this item because there is no record of what the EELs program is doing outside of these agendas and minutes. He asks if there are any notation of the work? VC Hann states they are working in the south east corner of the property, and he has respected their trail closed signs. He did note that there appear to be far fewer trees marked for preservation than he felt were agreed to. He notates the area right near the entrance to the Sanctuary appears to be losing many trees. Chair thanks him for the observation.

c. Eagles Nest Trailhead

Chair states the Committee has been discussing installing a fire well at the ENT. The goal would be to have a filling station for FD tankers. He believes it will likely be a

wide bore well. Chief states there are well grants available through forestry. These wells are excellent for fire prevention. The FD would have to check in once or twice a year, but any wells in South Malabar would be useful. Chair asks is an on-site storage tank would be required, and what this group can do to assist in the grant process. Ideally, fire trucks could use the circular nature of the trailhead to refill their tanks. VC Hann suggests using a spring-loaded feed to produce the water. He anecdotally notes that during the Mother's Day fires, there were over 100 fire trucks seeking to fill along the concrete road. Chief states that the FD has a portable drop tank, and a good water control officer can maintain a steady flow of water. Chair states the placement of the well will depend on the applicability of the design. CM Wilbur states a 6-inch artesian well will flow over 500 gallons per minute. Chief states that would be an excellent assist for any fire fighting requirements. CM Wilbur suggests the well be placed near the fence line. Chair states his belief is that it would best support the needs in the center of the circle. VC Hann suggests the Committee allow the Chief to inspect the property and make a recommendation for where it should be placed. VC Hann suggests CM Wilbur meet the Chief on site for further discussion. Chair states the overall goal is to provide an effective fire well, as well as providing water for horses, plants, and possibly a bathroom. CM Wilbur suggests requesting quotes from area well drillers for the work. Chair asks if the Chief can provide a recommendation at a future meeting as to his preferences for the well. VC Hann states that there are different grades of piping that can be used to prevent corrosion. Chief states that he agrees, and the FD would look at all these options. Chair states if necessary, we could install a security box with any electrical pieces required. CM Wilbur reiterates that a 6-inch artesian well would provide water quicker than pulling from a lake. Chair states that this group has also discussed a dry hydrant connected to the lakes in the Jordan Scrub. Chief states that long stretches of pipes could cause issues, and pulling from a close source is much preferred. He also states that the area would also potentially be used by other local departments such as Palm Bay or Brevard County. CM Wilbur states that it could even be possible to route trucks down Atz Road to the Marie Street ROW and into the trailhead to create a complete loop. Secretary Kohler states that Council Member Vail was able to spread the remaining dirt at the ENT. He states he will shoot some additional elevations and provide the information back to staff. More fill dirt has been ordered and will be delivered as PW can. Chair states that there is a drainage plan in place. There is thoughts of a drainage ditch along the northern edge, as well as drainage from the center of the islands. Chair also reminds Staff to get the final piece of culvert pipe. Secretary Kohler notes that the Committee only has an open permit for a driveway and a fence. Any drainage work should be permitted and engineered. CM Wilbur states the Council Member Vail will be shooting additional elevations and can provide elevations along the surrounding property. Chair suggests creating a small berm along the eastern edge of the property. Chair suggests a 2-inch pipe to drain the islands. VC Hann and CM Wilbur suggests 4 to 6 inches. Chair states he hopes to avoid drowning the plants in the islands. CM Wilbur states he believes he can solve that issue on site with a small ditch. VC Hann states his concern with asking the engineer to work without speaking with us. Secretary Kohler states he can request the engineer attend the next meeting or meet a member on hand.

MOTION: CM Cameron/CM Hann to request an engineered review, design, and permit for drainage of the Eagles Nest Trailhead, with an in-person meeting prior to submittal.

VOTE: All Ayes (5-0)

d. Cameron Preserve

Chair states that the committee is interested in refreshing the firebreaks in Cameron Preserve via the Florida Forestry Department. Can chief get them involved? Chief states he has been in contact with them and will let the group know when he receives more information. CM Cameron asks if a controlled burn in Cameron Preserve would require FD assistance? Chair states that the Committee has been looking at updating

the control plan, as well as doing a few smaller burns in the area. VC Hann states the short-term goal is to have the fire breaks cut by Forestry. In the past, Forestry cut 90-foot-wide firebreaks. We would like to have them recut, but in a more realistic size. The Committee has recently cleared the Cogan Grass along the firebreaks, and they are ready to be maintained. Hopefully we could walk with a Forestry agent to discuss the necessary firebreaks, mainly the east/west along Country Cove, and one north/south in the center of the Preserve. Chief states he will contact the forestry department and bring back any information he receives. Chair states that the Committee is looking to showcase the Cameron Preserve as a diverse spectrum of environments. VC Hann states we would like to use forestry to assist us but have had bad experiences in the past. He hopes future endeavors will be better. Chief states he knows the department head for the area, and he believes he can assist the group in creating a safe effective system. VC Hann states eventually we hope to include the Forestry Department in the Cameron Preserve Management Plan. Chair states his belief that Malabar is blessed with many trees, and he is looking forward to working to protect them. Chair then thanked Chief for attending.

e. Purchase Request Review

Chair states quotes have been procured for the signs discussed at the last meeting. VC Hann suggests if we wish to reduce the number of signs for the boundary signs. He suggests getting 25. For the Kiosk signs, he states we should get 8. Chair suggests using the high intensity materials for added longevity. VC suggests getting the 6"x12" signs for the boundary signs, and the 24"x24" size sign for the on-trail maps. He suggests we need 8. He intends to produce "You are Here" for those maps. He would like to include one of the kiosk signs at the Briar Creek Blvd entrance to the Cameron Preserve.

MOTION: VC Hann/CM Cameron move to request an expenditure of \$1,521.52 from the Brevard County Sign Shop for kiosk maps, on trail maps, and Cameron Preserve Boundary Signs.

VOTE: All Ayes (5-0)

Chair then began discussion the idea of a public bike repair stand for the Cameron Preserve. VC Hann states if we purchase one, we should cement it in place. Chair suggests getting a separate pump and station, so if one breaks the other is still serviceable. VC Hann states that Liaison Smith built one of these devices for Grant Valkaria. He states he would also like to check with Bob's Bikes, Revolutions, and Infinity Bikes to see if they would be interested in donating one. He states that if that is unsuccessful, we could build our own. Chair states that one of his family members recently replaced their storm shutters and is willing to donate the old one for use as a trail shelter. There is enough to create a 12'x14' roof. He can bring the smallest one to the next meeting. If we bought a lot of caulks, we could create a low-cost pavilion. CM Wilbur states he found some pavilions at Pelican Beach Park that he thinks would look perfect in Cameron Preserve.

f. Next Field Event – TBD

Chair asks if the Committee has any ideas for an upcoming trail day? Secretary suggests the ENT Fence installation. Chair states that the new trail in Eschenburg Park was excellently cut by CM Wilbur. CM Cameron states she suggests everyone walk out there to see what it looks like. It looks like the Sandhill Trailhead did before it was developed. Chair gave a brief presentation with information on a proposed trail for the Preserve. He states that removing all the invasive trees will be a major project. He hopes to eventually include a Trail Shelter along a one-way trail near the confluence of the water passages. Chair proposes his presentation serve as the first draft for a trailhead at Eschenburg Park. VC Hann suggests utilizing a one-way trail on the narrow portion of the property and to extend the potential trail to the northwest corner. VC Hann states his concern for removing all of the invasives and having a trail through an empty field. He would like to have the trail installed, then pursue a grant

to remove the invasives and develop the trees we want. CM Wilbur states he believes the interior should be cleared first. VC Hann states that grinding a pepper tree can create a bigger issue. Chair states he believes we should cut and treat the peppers. CM Wilbur states we could also ask the FD to do a controlled burn. Fire sterilizes the pepper trees and keeps them from growing again.

MOTION: CM Britt/CM Cameron to accept this proposal as the first draft for a trail and trailhead for Eschenburg Park.

Vote: All Ayes (5-0)

VC Hann suggests the fence build be a two-day event. On day one, a small group cuts the wood and lines them up. On day two, someone with an auger comes to dig fence post holes and install the fence posts and cross beams. He states he will not be back until August 1st. Chair suggests August 12th. VC Hann suggests September 9th. Chair suggests Friday September 8th as day one, and Saturday September 9th as day 2.

8. OLD/NEW BUSINESS

- a. **Board Member Comments:** CM Cameron offers remnants of her metal roof for future projects.
- b. **Staff Reports:** None
- c. **New Business:**
 - Next Regular Meeting- August 14th, 2023

9. ADJOURN

There being no further business to discuss;

MOTION: HANN/BRITT to adjourn. Vote: All Ayes. The meeting adjourned 8:31 PM.

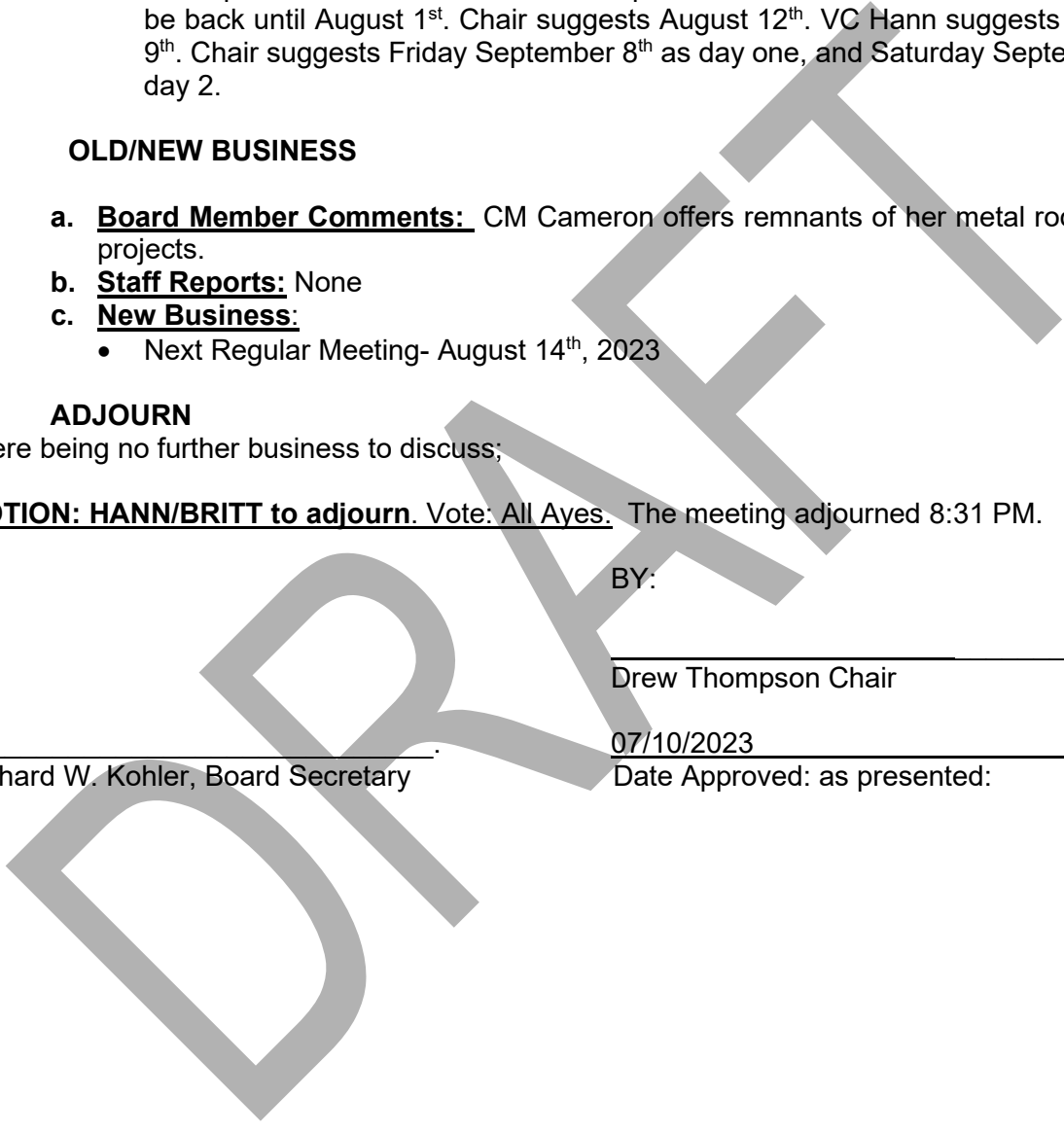
BY:

Drew Thompson Chair

07/10/2023

Richard W. Kohler, Board Secretary

Date Approved: as presented:



TOWN OF MALABAR

TRAILS AND GREENWAYS COMMITTEE MEETING

AGENDA ITEM NO: 7.a

Meeting Date: August 17, 2023

Prepared By: Richard W. Kohler, Town Clerk

SUBJECT: Trail, Kiosk and Firebreak Conditions

BACKGROUND/HISTORY:

- a. Traditionally, members of the Committee share their recent experiences from the trails and at the trailheads.

ATTACHMENTS:

- a. None

ACTION OPTIONS:

- a. Discussion

TOWN OF MALABAR

TRAILS AND GREENWAYS COMMITTEE MEETING

AGENDA ITEM NO: **7.b**
Meeting Date: August 17th, 2023

Prepared By: Richard W. Kohler, Town Clerk

SUBJECT: MSS Restoration Project Observations and Concerns

BACKGROUND/HISTORY:

- a. Chair Thompson requested this item be added to the monthly reviewed items on the T&GC Agenda. He states his hope is that this will provide a basis for some historical record of the project's impact on T&GC infrastructure as otherwise there exists no permits active to which progress / problems would be recognized by and/or acted upon by TOM.

ATTACHMENTS:

- a. None.

ACTION OPTIONS:

- a. None.

TOWN OF MALABAR

TRAILS AND GREENWAYS COMMITTEE MEETING

AGENDA ITEM NO: 7.C

Meeting Date: August 14th, 2023

Prepared By: Richard W. Kohler, Town Clerk

SUBJECT: Eagles Nest Trailhead

BACKGROUND/HISTORY:

- a. The Trails and Greenway's Committee has been actively working towards improving the Eagles Nest Trailhead.
- b. The Committee has indicated it wishes to install the fence line next.
- c. The Malabar Public Works Department has been tasked with bringing in additional fill dirt. A PO for 150 additional tons has been opened.
- d. The Malabar PW Department has successfully brought in several loads of fill dirt. TM Stinnett is coordinating with CM Vail to grade the dirt on site as more is brought in.
- e. The Committee has expressed interest in installing a temporary culvert at the northern exit. TM Stinnett has indicated he will coordinate with a contractor to complete this task.
- f. CM Vail has stated he wishes to develop a drainage swale on the Northern edge of the property, running from east to west, along the whole boundary of the property. He plans to leave a 10-foot vegetative buffer, add a 10-foot-wide swale area to include drainage and a maintenance path.
- g. Staff has requested an engineer reviewed drainage plan and filing a permit for the drainage work.
- h. Interim Chief Giantonio of Malabar FD attended the last meeting to discuss the possibility and applicability of a Fire Well at the Trailhead.
 - a. Interim Chief Giantonio provided staff with the response he received about the Fire Well Grant. Email response is attached.

ATTACHMENTS:

- a. Email exchange discussing a Fire Well at ENT.

ACTION OPTIONS:

- a. None

Richard Kohler

From: Anthony Gianantonio
Sent: Sunday, July 16, 2023 5:57 PM
To: Richard Kohler
Cc: Matt Stinnett
Subject: Fw: Grant Funding Information

Richard,

I emailed the Florida Department of Environmental Protection to inquire if any of their grant funding would be beneficial for establishing an Artesian Well and the Eagles Nest Trailhead as discussed in last Monday's Trails and Greenways Committee meeting. Attached is the email I received from the contact at the Department of Environmental Protection. It looks like the committee may have to try a different route in acquiring the well.

I will try and inquire with the fire grants programs, but they are usually identified for Personal Protective Gear and Training.

Thank you.

Anthony Gianantonio
Driver/Engineer
Malabar Fire Department



From: Anthony Gianantonio <agianantonio@malabarfd.org>
Sent: Thursday, July 13, 2023 11:11 AM
To: Dalton, Deinna <Deinna.Dalton@FloridaDEP.gov>
Subject: Re: Grant Funding Information

Thank you for response and the further explanation.

Take care.

Anthony Gianantonio
Driver/Engineer
Malabar Fire Department



From: Dalton, Deinna <Deinna.Dalton@FloridaDEP.gov>
Sent: Thursday, July 13, 2023 10:50 AM

To: Anthony Gianantonio <agianantonio@malabarfd.org>

Subject: RE: Grant Funding Information

Good morning Mr. Gianantonio,

Thank you for your email. I checked with some other programs and unfortunately, it doesn't sound like we have any funding that is eligible for this type of project. I wanted to provide you the following links to further explain the funding available in our grants program. The Water Quality and Supply Program funds [Alternative Water Supply \(AWS\)](#) projects that are selected by DEP's [Office of Water Policy and Ecosystems Restoration](#). Funding is appropriated for the [AWS Grant Program](#) to help communities plan for and implement reclaimed water, aquifer recharge, water conservation and other AWS projects.

Wishing the Best, and thank you for your service,



Deinna Dalton

Florida Department of Environmental Protection

Division of Water Restoration Assistance

Water Quality and Supply Program

Program Administrator

Deinna.Dalton@FloridaDEP.gov

Office: 850.245.2230

From: Anthony Gianantonio <agianantonio@malabarfd.org>

Sent: Wednesday, July 12, 2023 8:11 AM

To: Dalton, Deinna <Deinna.Dalton@FloridaDEP.gov>

Subject: Grant Funding Information

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Good morning,

My name is Anthony Gianantonio, and I am the Interim Fire Chief for the Town of Malabar Fire Department. Recently our Trails and Greenways board discussed the possibility of seeking out a grant funding source for an artesian well system for one of their trailheads, owned by the Town, to assist in creating a water supply for wildland firefighting and use as an ancillary water source for vegetation and horses. I came across your funding opportunities and was inquiring about submitting for an artesian well primarily for a water supply for firefighting. I would like to know if your programs would have eligibility for this type of water supply system.

Any assistance or information would be greatly appreciated.

Thank you.

Anthony Gianantonio

Driver/Engineer - Interim Fire Chief

Malabar Fire Department



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TOWN OF MALABAR

TRAILS AND GREENWAYS COMMITTEE MEETING

AGENDA ITEM NO: 7.d
Meeting Date: August 14th, 2023

Prepared By: Richard W. Kohler, Town Clerk

SUBJECT: Cameron Preserve Update

BACKGROUND/HISTORY:

- a. The Trails and Greenway's Committee has been actively working towards improving the Cameron Preserve with additional signage and potentially updating the Management Plan.
- b. Town Staff scheduled ECOR Pest Control to spray the Cogan Grass identified by VC Hann on the firebreak immediately north of the Country Cove Subdivision. They sprayed the affected area on Tuesday April 11th.
 - a. The area will be safe to disc 14 days after application of the pesticide.
 - b. Town Hall staff is coordinating with the FD to contact Forestry to complete the firebreak discing.
- c. The signs requested at the July 10th Meeting have been procured and are awaiting instillation. Signs received include:
 - a. 25 "Cameron Preserve Boundary" signs (6"x12")
 - b. 8 "Kiosk Map" signs (36"x36")
 - c. 8 "On-Trail Map" signs (24"x24")

ATTACHMENTS:

- a. None.

ACTION OPTIONS:

- a. Discussion

TOWN OF MALABAR

TRAILS AND GREENWAYS COMMITTEE MEETING

AGENDA ITEM NO: **7.e**

Meeting Date: August 14th, 2023

Prepared By: Richard W. Kohler, Town Clerk

SUBJECT: Purchase Request Review

BACKGROUND/HISTORY:

- a. At the June 12th T&GC Meeting, the committee discussed several purchases they were interested in exploring before the end of the fiscal year.
- b. The Committee stated interest in procuring Cameron Preserve Boundary signs to mark the west and southern boundary of the preserve.
 - Purchased and delivered.
- c. The Committee stated interest in procuring kiosk sized trail maps for all kiosks surrounding the preserve.
 - Purchased and delivered.
- d. The Committee stated interest in procuring smaller maps to be included at trail crossings.
 - Purchased and delivered.
- e. The Committee stated interest in procuring a trailside bike repair station.
 - Committee members discussed the possibility of a community funded or developed bike repair stand.
- f. At this stage of the Fiscal Year, Staff recommends any additional purchases for this Fiscal Year be limited to minor maintenance or upkeep charges, and any major purchases be planned in detail for the follow Fiscal Year, beginning October 1.

ATTACHMENTS:

- a. Quote from Brevard County Sign Shop on Boundary Signs, Kiosk Maps, and in Trail maps.
- b. Quotes from multiple vendors for trailside bike repair station.

ACTION OPTIONS:

- a. None.



BOARD OF COUNTY COMMISSIONERS

TRAFFIC OPERATIONS
 580 MANOR DR
 MERRITT ISLAND, FL 32952

Inter-Office Memo

DATE: June 29, 2023

TO: Richard Kohler, Town of Malabar

FROM: Tangela Copeland, Secretary

SUBJECT: Quote for sign order

QUA	SIZE	DESCRIPTION	UNIT	TOTAL
50	6" X 12"	High Intensity Sign	\$20.00	\$1000.00
50	6" X 12"	Engineer Grade Signs	\$15.49	\$774.50
50	12" X 12"	High Intensity Signs	\$26.41	\$1320.50
50	12" X 12"	Engineer Grade Signs	\$20.46	1023.00
10	24" X 24"	High Intensity Signs	\$41.96	\$419.60
10	24" X 24"	Engineer Grade Signs	\$32.49	\$324.90
10	18" X 18"	High Intensity Signs	\$34.14	\$341.40
10	18" X 18"	Engineer Grade Signs	\$26.43	\$264.30
10	36" X 36"	High Intensity Signs	\$85.73	\$857.30
10	36" X 36"	Engineer Grade Signs	\$65.59	\$655.90

High Intensity last up to 10 years

Engineer Grade last up to 7 years

Feel free to contact me if you have any questions.

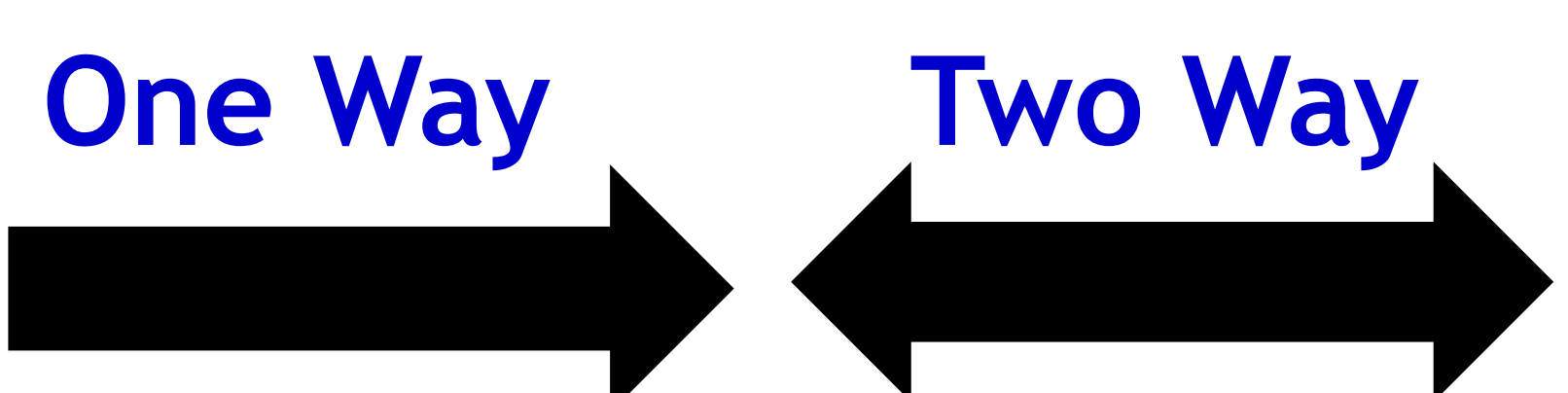
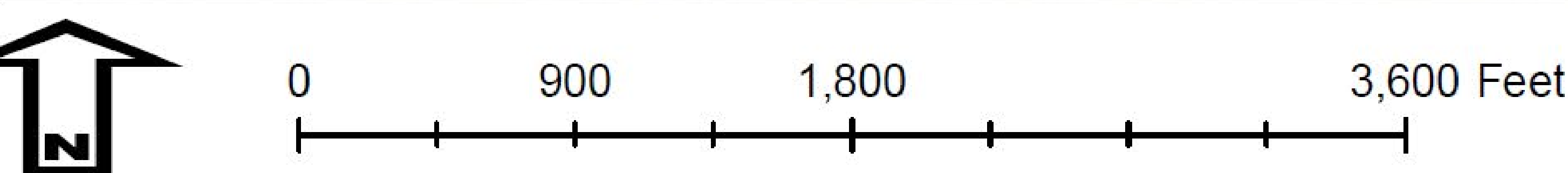


Boundary

Cameron Preserve

Town of Malabar

MALABAR and PALM BAY TRAIL SYSTEM



Preferred Direction of Travel for Bikes: hikers and horses may go either direction

Legend

- Access Points
- EEL Managed Boundary
- Cameron Preserve
- ▬ Paved Trail

- **Thank you for visiting MALABAR Trails!**
- This trail system utilizes one-way and two-way trails. Most of the complex, narrow trails are “one way”, and it is best to travel that way for safety. Bikes: Please adhere to one way designation
 - “One Way” is the Preferred Direction of Travel. If You Choose to Travel Opposite the Preferred Direction, be vigilant and yield the ROW to the preferred direction.
- **USE THIS TRAIL SYSTEM AT YOUR OWN RISK.** The property owner is indemnified from liability by Florida Statute 316.0085. YOU are personally responsible for your own safety.
- Trails in this system are considered Medium (blue) difficulty. Expect sandy areas, roots, and moderate drops. Trails may have trees down, or be blocked by debris at any time. Trail conditions can change at any time, so it is up to the trail user to keep themselves safe.
- The trail user is responsible for their own safety. Use trails at your own risk.
- **DO NOT MODIFY TRAIL SURFACE - PLEASE do not remove roots from trail surface**
- **NO motorized vehicles of any kind, except ADA exceptions**
- **HELMETS ARE REQUIRED TO RIDE HERE**
- **Dogs are allowed, on leash, in Malabar’s Cameron preserve only (see Map)**
- **Horses allowed in Cameron Preserve and Malabar East, but not Malabar West (see Map)**
- **These trails are maintained by the Malabar Trails and Greenways Committee. If you would like to get involved, please call the Town of Malabar at (321) 727-7764, or go to our Virtual Trailhead <http://malabartrails.org/>**
- **Please enjoy this 100% trail park, which is maintained 100% by volunteers!**

Trail Name: Description / Features (West to East)	Where on Map ?
AI Tuttle Trail: The AI Tuttle trail is Bi-Directional, and a paved, multi-user trail. Expect walkers, runners, bicycles, equestrians. The AI Tuttle Trail runs predominately East – West, and goes all the way from Port Malabar Blvd to the Malabar Sandhill Trailhead on Marie Street (near Malabar Road). Bridge to Capon Street in Palm Bay, & one large bridge over a depression marsh. Excellent wildlife viewing on the Canal, connects to Malabar Park via an abandoned concrete road	Black Dashed line – North boundary of off-road trail system, & S to Malabar Road
Red & Purple Trail (West): These are the best (and most difficult) of the mountain biking trails in Palm Bay and EELP Malabar West Sanctuary. Better known as “Ho Chi Minh” (Purple) and “Dead Bike” (Red), these are the core of the traditional mountain bike trails. Excellent views of Turkey Creek and the Turkey Creek flood plain. Dry year round, even in high rain season. Most trails are marked one way. <u>No horses on these trails, please.</u>	Purple and Red Line – North West section of map

Visit Malabar Virtual Trailhead
call 844.879.1974

VTP
Town of Malabar Trails & Greenways Committee (T&GC)

Invites you to visit Malabar’s Trail System
*See back of card for our virtual trailhead with: maps, area info, and volunteer events

T&GC meets monthly: 6 PM 2nd Mon at Town Hall: 2725 Malabar Rd. Malabar, FL 32950

Trailforks

At www.RideBMBA.org

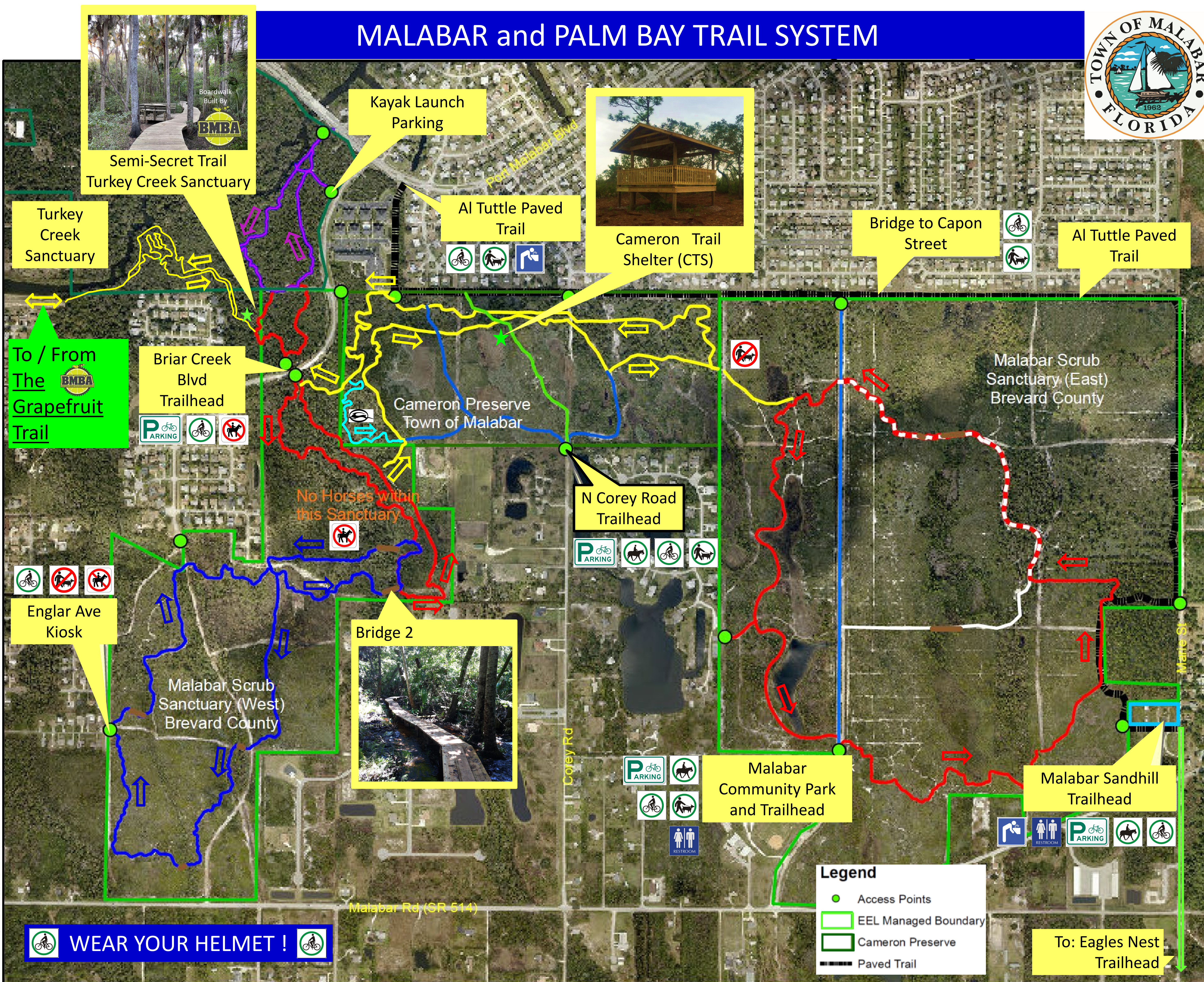
-Browse Brevard Trails
-View/Submit Trail Statuses & Videos

Trail Maps

We truly believe the best way to find your way around the trails is with the Trailforks app (available in your phone’s app store). Not interested in the app? Scan the QR code to the right to see this regions map on Trailforks.com.

Trail Name: Description / Features	Where on Map ?
Blue Trail (West): This loop is connected to Red Trail via two long, narrow bridges, which cross the Turkey Creek flood plain. Blue is a challenging trail that has wet sections during the high rain season. Much of this area is in scrub habitat restoration, but shade has been left near the trail sections.	Blue Line – South West section of map
Yellow Trail East (Cameron): Yellow Trail East is One-Way, and runs predominately East, toward EELP Malabar East Sanctuary, and the trails that lead to Malabar’s Sandhill Trailhead. Trail is marked with Yellow Diamonds, with arrows and “E” to indicate East. Cameron Trail Shelter is on the Green Trail, and visible from Yellow East	Yellow Line – In Cameron Preserve, Center of Map
Yellow Trail West (Cameron): Yellow Trail West is One-Way, and runs predominately West, toward EELP Malabar West Sanctuary, and the Red & Purple trails near Turkey Creek. Yellow West includes some very twisty, shaded single-trac. Trail is marked with Yellow Diamonds, with arrows and “W” to indicate West.	Yellow Line – In Cameron Preserve, Center of Map
Green Trail (Cameron): The Green Trail is Bi-Directional, and runs predominately North – South, connecting the N. Corey Road Trailhead to the AI Tuttle Trail (Paved). It is generally easy. Generally dry even in high rain season. The Cameron Trail Shelter (CTS) is on this trail, near the intersection with Yellow-East	Green Line – In Cameron Preserve, Center of Map
Blue Diamond Trail (Cameron): The Blue Trail is Bi-directional, and runs predominately East – West, and serves as a local connector to other trails in Cameron Preserve. This trail is rooty and difficult, named “The Route of All Evil” trail. Excellent views of depression marsh. Fun & aerobic for more experienced trail users.	Blue Line – In Cameron Preserve. Marked with Blue Diamonds. Center of Map.
Red Trail (East): This loop-trail is in Brevard County EELP Sanctuary Malabar East. Views of Scrub habitat, lakes, & depression marshes. Crosses the Malabar Woods Road, an abandoned concrete road in the center of Malabar East Sanctuary. Connects to AI Tuttle Trail and Malabar Sandhill trailhead in the East.	Red Line – In East Section of Map
Semi-Secret Trail (Turkey Creek Sanctuary): This trail connects “Ho Chi Minh” (Purple) trail to the South bank of the C1 canal, shown in yellow. Separate single-directional east and west trails. Connects west to the Grapefruit Trails (GFT). Classic deep woods single-trac with boardwalks at each end. East boardwalk has an observation bench area.	Yellow line – in farthest East section of map. 2, 1-way trails shown as single line on map
Impala Trail (Cameron Preserve): This trail connects Yellow West with Yellow East, staying entirely within Malabar’s Cameron Preserve. Twisty, fast, classic deep woods single-trac. Bones of a 1962 Chevy Impala adjacent to trail.	Bright Blue Line- Just to the Left of the Cameron Preserve label

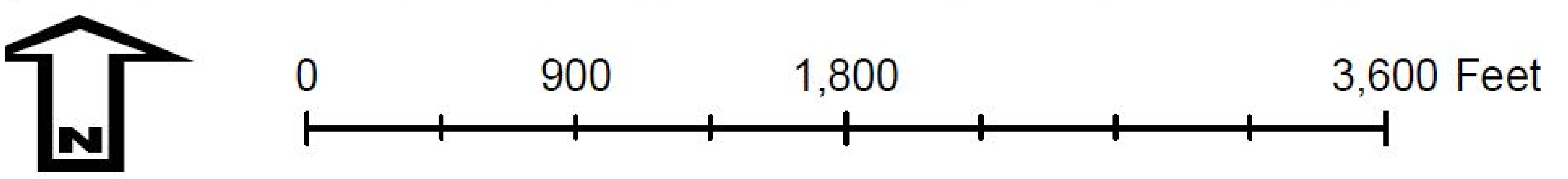
MALABAR and PALM BAY TRAIL SYSTEM



WEAR YOUR HELMET!

Legend

- Access Points
- ▭ EEL Managed Boundary
- ▭ Cameron Preserve
- ▬ Paved Trail



One Way **Two Way** Preferred Direction of Travel for Bikes only: hikers & horses may go either direction

- THANK YOU FOR VISITING MALABAR TRAILS! Maintained 100% by volunteers
- This trail system utilizes one-way and two-way trails. Most of the narrow trails are “one way”, and it is best to travel that way for safety.
- Bikes: Go preferred direction PLEASE, and also please wear your helmet
- USE THIS TRAIL SYSTEM AT YOUR OWN RISK. The property owner is indemnified from liability by Florida Statute 316.0085. The trail user is responsible for their own safety. Use trails at your own risk.

Visit Malabar Virtual Trailhead
Lost on a Malabar trail? call 844.879.1974

VTP
Town of Malabar
Trails & Greenways
Committee (T&GC)

Invites you to visit Malabar's Trail System
*See back of card for our virtual trailhead with: maps, area info, and volunteer events

T&GC meets monthly: 6 PM 2nd Mon at Town Hall: 2725 Malabar Rd. Malabar, FL 32950

Trail Maps

We truly believe the best way to find your way around the trails is with the Trailforks app (available in your phone's app store). Not interested in the app? Scan the QR code to the right to see this regions map on Trailforks.com.



Deluxe Public Work Stand

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\$1,100.00 Bike Pump can be added for \$745.00

Quick Overview

- Services 2 bikes at once
- Tools attached to retractable cable
- Made in the USA
- Installation Toolkit Included

*Bike Pump	* Required Fields
<input type="text" value="Choose an Option..."/>	<input type="text" value=""/>
*Wheel Chock	
<input type="text" value="Choose an Option..."/>	<input type="text" value=""/>
*Color	
<input type="text" value="Choose an Option..."/>	<input type="text" value=""/>
\$1,100.00	

Bike Repair Station

by Parkitect

\$1,799.00

Finish: Parkitect Blue

- Galvanized
- Stainless Steel
- Parkitect Blue**
- Traffic Yellow
- Pure Orange
- Carmine Red
- Heather Violet
- Blue Lilac
- Sky Blue
- Traffic Green
- Traffic Grey A
- Pale Brown
- Traffic White
- Traffic Black

Quantity
1

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Simplify your repairs with a bike repair station. Riders will appreciate a bike repair station with all the tools secured in one place to perform basic repairs and maintenance. This system is mounted to the ground and comes in the powder coat colors listed below.

All of our products are made from high-grade steel, and this repair station includes an Air Pump, tools for bike repair and a rack to place your bike as you operate.

SKU: Bike-Repair-Station

Weight: 99 lbs

Dimensions: 22"L x 48"H x 13"D

Finish Options: Galvanized, Stainless Steel, or Powder Coat (Blue Lilac, Carmine Red, Heather Violet, Pale Brown, Parkitect Blue, Pure Orange, Signal White, Sky Blue, Traffic Black, Traffic Green, Traffic Grey A, Traffic Yellow)

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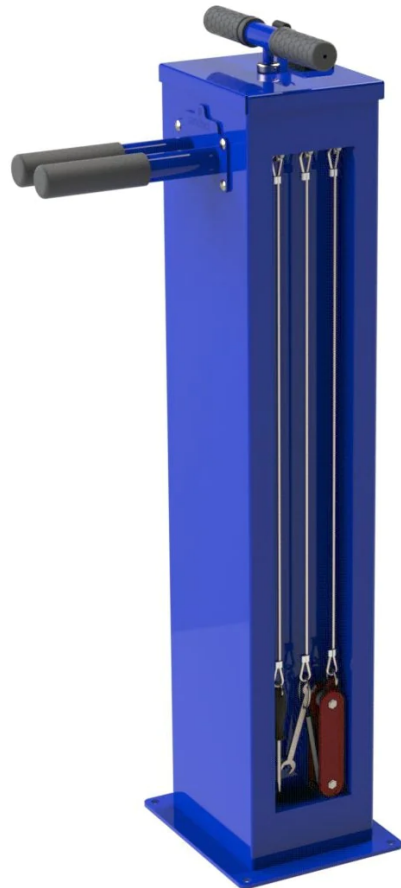


Gondola Bike Rack and
Skateboard Rack Combo
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and Skateboard Rack
Combo

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Double click on above image to view full picture



Bike Public Work Stand

[Be the first to review this product](#)

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\$775.00

Quick Overview

- Outdoor or Indoor use
- Tools secured with aircraft cable
- Items spaced to prevent tangling
- Stand holds bike off the ground

***Color**

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TOWN OF MALABAR

TRAILS AND GREENWAYS COMMITTEE MEETING

AGENDA ITEM NO: 7.f
Meeting Date: August 14th, 2023

Prepared By: Richard W. Kohler, Town Clerk

SUBJECT: Next Field Event – TBD

BACKGROUND/HISTORY:

- a. The Trails and Greenways Committee has tentatively planned for two upcoming workdays:
 - Friday September 8th – Cut and Prepare Fence Line for ENT
 - Saturday September 9th – Install Fence at ENT
- b. The signs requested for the Cameron Preserve has been procured. If the Committee wishes, they could reschedule the ENT workdays for a later date and schedule the Cameron Preserve sign installation instead.

ATTACHMENTS:

- a. None

ACTION OPTIONS:

- a. Discussion