



Parks, Recreation, and Greenways Board Meeting Agenda

Tuesday, April 1, 2025, 9:00 a.m.

Marvin Village Hall, 10006 Marvin School Road

Pages

A.	<u>CALL TO ORDER</u>		
B.	<u>CONSIDER ALLOWING REMOTE PARTICIPATION</u>		
C.	<u>ADOPTION OF THE AGENDA</u>		
D.	<u>ADOPTION OF THE PREVIOUS MINUTES</u>		3
E.	<u>PUBLIC COMMENT PERIOD</u>		
	<i>Please sign-in if you wish to address the PR&G Board, only those signed in prior to the beginning of the meeting will be allowed to speak. Speakers shall approach the podium when called and shall state their name and address for the record. Each speaker has 3 minutes to speak. The Board may request that one person speak on behalf of large groups expressing the same opinion. The public comment period is limited to 30 minutes.</i>		
	<i>A person who interrupts, disturbs, or disrupts an official meeting is guilty of a misdemeanor. A person who interrupts a meeting and is asked to leave the meeting by the presiding officer and refuses is also guilty of a misdemeanor. (§143-318.17. Disruptions of official meetings.)</i>		
F.	<u>UNFINISHED BUSINESS</u>		
	1. Review of 2020 Parks and Greenways Master Plan and Discussion of Questions for Future Community Survey		9
	• Chapter 6 (Last Chapter)		
	• Discussion of Survey Questions		
	2. Discussion of Memorial Bench to Honor Mike Cognac at Future Park Location	Tyler Huneycutt	25
	3. Discussion of Golf Cart Ordinance	Tyler Huneycutt	26
G.	<u>NEW BUSINESS</u>		
H.	<u>REPORTS & UPDATES</u>		
	1. Event Planning Report		
	• Marvin Day Duties		
	2. Trails & Greenways Report		
	3. Public Works Report		

4.	Village Council Report	30
	• Blue Light Emergency Systems	
	• Streetlights	

I.	<u>REVIEW OF ACTION ITEMS</u>	
J.	<u>REVIEW OF ONGOING ACTION ITEM LIST</u>	50
K.	<u>BOARD MEMBER COMMENTS</u>	
L.	<u>ADJOURNMENT</u>	



**Village Council and PR&G Board
Joint Meeting Minutes**

**March 4, 2025, 9:00 a.m.
Marvin Village Hall, 10006 Marvin School Road**

Members Present: Mayor Pollino, Councilman Marcolese, Councilman Lein, Councilman Baresich, Councilman Wortman, Councilman Deatherage, Jen Castellucci, Vice-Chair Culp, Deb Sokol (via Zoom), Michael Vittone

Members Absent: Mayor Pro Tempore Vandenberg, Chair Traub

Staff Present: Austin W. Yow, Tyler Huneycutt, Davy Broom

A. CALL TO ORDER

Mayor Pollino and Chair Castellucci called the joint meeting to order at 9am and determined a quorum of each board was present.

B. CONSIDER ALLOWING REMOTE PARTICIPATION

No council members participated remotely. PR&G Board Member Deb Sokol participated remotely via Zoom.

Moved by Jen Castellucci

PR&G Board: To allow board members to participate remotely.

Vote: Motion Passed Unanimously

C. ADOPTION OF THE AGENDA

Moved by Councilman Marcolese

Village Council: To adopt the agenda as presented.

Vote: Motion Passed Unanimously

Moved by Jen Castellucci

PR&G Board: To adopt the agenda as presented.

Vote: Motion Passed Unanimously

D. JOINT MEETING

1. Discussion of Trail Hours of Operation and Signage

TIME STAMP 2:35

Tyler Huneycutt, Recreation Activities Coordinator, explained to both boards that he had been researching how other Union County municipalities administer hours of operation for trails and greenways. He noted that other municipalities treat walking trails as linear parks with dawn to dusk operating hours. Mr. Huneycutt noted that enforcement is often implemented with fines and misdemeanor charges. Both boards discussed and agreed that enforcement would be difficult.

Christina Amos, Village Manager, noted that a resident of the Preserve expressed concerns regarding ATV or dirt bike usage on the Village's trails after dark. She noted that the Union County Sheriff's Office handles these incidents as trespassing. She further noted that staff is working on an ordinance amendment that would allow the Sheriff's Office to press criminal charges. There was further discussion on allowing golf carts on certain trails.

Ms. Amos asked the Boards for a consensus on the installation of signage restricting motor vehicle use on Village trails. The Boards agreed by consensus to add appropriate language the Village website but did not agree on the installation of physical signage at this time. Both boards also noted that motorized bikes should be included in the ordinance restrictions. Ms. Amos noted that staff would include motorized bikes in the ordinance amendment. She also noted staff would review the golf cart ordinance.

2. Discussion of Including a Path of Honor in the Village Hall Park Project

TIME STAMP 50:35

Chair Castellucci informed the Council that the Board wishes to include a "path of honor" of engraved pavers in the Village Hall Park project to honor and/or remember those who made great contributions to the Marvin

Community, such as former Mayor Mike Cognac. The Boards discussed this item in depth and agreed that a path of honor should be included and noted that Mayor Mike Cognac should have an additional memorial.

E. VILLAGE COUNCIL ADJOURNMENT

Moved by Councilman Wortman

To adjourn the Village Council meeting at 10:02am.

Vote: Motion Passed Unanimously

F. ADOPTION OF THE PREVIOUS MINUTES (PR&G BOARD)

Moved by Jen Castellucci

To adopt the minutes from 2/4/25 as presented.

Vote: Motion Passed Unanimously

G. PR&G BOARD ELECTION OF OFFICERS

Jen Castellucci stated that she wished to step down as Chair, as she has too many commitments. She nominated Christina Traub to assume the position of Chair and then nominated Kristyna Culp to remain as Vice-Chair.

Moved by Jen Castellucci

To elect Christina Traub as Chair and Kristyna Culp as Vice-Chair of the PR&G Board.

Vote: Motion Passed Unanimously

Moved by Vice-Chair Culp

To appoint Jen Castellucci as temporary presiding officer for the duration of the meeting.

Vote: Motion Passed Unanimously

H. PUBLIC COMMENT PERIOD

No one signed up to speak.

I. UNFINISHED BUSINESS

1. Review of the Draft Greenways and Trails Capital Improvement Plan (CIP) for FY 2026-30

TIME STAMP 1:06:25

(See attached Item I1, which is included as a reference in these minutes.)

Mr. Huneycutt reviewed the changes made to the Village's draft Capital Improvement Plan (CIP) for fiscal years 2026 through 2030. He noted that certain projects have been delayed to future years.

2. Review of 2020 Parks and Greenways Master Plan and Discussion of Questions for Future Community Survey

TIME STAMP 1:10:05

(See attached, Item I2, which is included as a reference in these minutes.)

Jen Castellucci led the discussion of Chapter 5 of the 2020 Greenways Master Plan, noting that the chapter includes a map and descriptions of proposed trails. She further noted that a rewrite of the chapter should include a greater focus on parks and should include the trail projects that have already been completed.

Councilman Baresich informed the Board that the Council is considering drafting a Village-wide comprehensive plan, rather than a series of separate master plan documents.

Board Member Castellucci presented a draft list of questions composed by the Board to be added to the draft community survey. Board members noted the need to add questions regarding the usage of golf carts.

J. NEW BUSINESS

There was no new business.

K. REPORTS & UPDATES

1. Event Planning Report

TIME STAMP 1:29:40

Mr. Huneycutt reminded the PR&G Board that the Easter Egg Hunt will be held on Saturday, April 12 from 10am - 2pm at Marvin Efird Park. He noted that four egg hunts will take place, three for different age groups and a

fourth "sensory-friendly" hunt for anyone who may benefit from a calmer, more supportive environment.

He also noted that Marvin Day will be on Saturday, April 26 from 4pm - 9pm at Marvin Efird Park and the annual 5K and Fun Run will be on Saturday, May 31 at Marvin Elementary School.

2. Trails & Greenways Report

TIME STAMP 1:37:40

Mr. Huneycutt and Councilman Baresich informed the Board that the Tullamore Phase 4 Trail project is on hold, until staff finds local groups to work with or contracts with a vendor to locate a revolutionary war burial site in the proximity of the proposed trail.

3. Public Works Report

TIME STAMP 1:44:15

Mr. Huneycutt spoke on Mr. Broom's behalf. He informed the Board that Public Works recently refurbished or rebuilt four picnic tables for Marvin Efird Park. He also noted that the UNCC Engineering Department is building an adult picnic table, a child picnic table, and a book library box to be installed at Marvin Efird Park.

He then noted that upcoming projects will include the installation of a concrete walkway from the playground to the parking lot. He added that Mr. Broom hopes for the work to be completed by Marvin Day. Mr. Huneycutt then informed the Board that the asphalt resurfacing of the Marvin Loop Greenway will occur in the coming months.

4. Village Council Report

TIME STAMP 1:46:30

Councilman Baresich informed the Board that the Council recently reviewed the 90 percent plans for the Village Hall Park, including the recent changes to the spillway for the rain garden.

L. REVIEW OF ACTION ITEMS

There were no action items.

M. REVIEW OF ONGOING ACTION ITEM LIST

The Board reviewed the Ongoing Action Item List and made revisions.

N. BOARD MEMBER COMMENTS

There were no comments.

O. PR&G BOARD ADJOURNMENT

Moved by Jen Castellucci

To adjourn the PR&G Board meeting at 10:49am.

Vote: Motion Passed Unanimously

Joseph E. Pollino Jr.
Mayor

Christina Traub
PR&G Board Chair

Austin W. Yow
Village Clerk & Assistant to the Manager

— CHAPTER SIX —

IMPLEMENTATION

IN THIS CHAPTER:

- a. General Implementation Actions**
- b. Funding Opportunities**
- c. Project Prioritization Matrix**

This chapter highlights general implementation actions and funding opportunities. The chapter also provides a project prioritization matrix that outlines a summary of trail and greenway segments, probable costs, and priorities.

GENERAL IMPLEMENTATION ACTIONS

The Village of Marvin must work diligently to make the Marvin Parks and Greenways Master Plan vision a reality. The Village can take the following general actions to move toward plan implementation:

1. FUNDING OPPORTUNITIES

The Village should seek a variety of funding sources for implementation of the master plan. Multiple funding opportunities should be explored due to the different trail types and locations outlined in this plan.

2. SUBDIVISION ORDINANCE

The Village should continue to implement and further refine their subdivision ordinance to ensure that future growth supports park and greenway development and open space dedication.

3. LANDOWNER OUTREACH

Landowner outreach and engagement will be necessary for some routes. Coordination with NCDOT will be important for greenway connections planned within NCDOT right-of-ways.

4. DEDICATED STAFF CAPACITY

The Village of Marvin must dedicate staff capacity to successfully implement the Marvin Parks and Greenways Master Plan. Grant writing, landowner outreach, and NCDOT coordination will all be important responsibilities for Village staff in order to implement the plan.

FUNDING OPPORTUNITIES

Identifying the funding to build or expand municipal greenway and trail systems can be a challenging effort given the realities of any town’s budgetary constraints. The secret, however, is to be innovative and creative to leverage specific local funding sources to take advantage of federal and state funds, private developer fees, and even in-kind donations of land or funds to build and/or improve recreational facilities.

Many federal, state, and foundation grants have a recreation, environment, or health and wellness focus. Greenways and trails typically address all three of these focus areas. Project development should include a grant funding strategy that takes advantage of every grant cycle for the potential funding sources outlined in the funding opportunities matrix.

FUNDING OPPORTUNITIES MATRIX

Partnership Funding Agency	Village of Marvin Greenway System Implications	Maximum Amount	Matching Funds Required	Application Deadlines
Recreational Trails Program (RTP)	All types of trails and greenways	\$100,000	25%	Spring
NC Parks and Recreation Trust Fund (PARTF)	All types of parks, trails, and recreation facilities	\$500,000	50%	May
NC Water Resources Development Grant (NCWR)	Greenways along waterways and in riparian corridors	\$200,000	50%	January/June
People for Bikes Community Grant	Bicycle infrastructure projects	\$10,000	50%	January/July

PROJECT PRIORITIZATION MATRIX

Each greenway and trail segment is further divided into sub-segments for implementation purposes. The trail type, length, status, probable cost, start/end points, and priority are listed for each sub-segment. The trail status was defined as existing, programmed, or proposed. Easements for programmed trails are secured. Probable costs were reflected based on the following linear foot unit price: DOT Sidepath (\$200/LF); Typical Greenway (\$200/LF); Crushed Stone Path (\$80/LF); and Natural Surface Trail (\$25/LF). Cost estimates are projected to account for increased costs of construction and inflation in the future.

Sub-segment priority varied depending on trail status, connections to existing trails, and connections to destinations. Priority is defined by the following implementation timeline: short-term (1-5 years); mid-term (5-10 years); and long-term (10+ years). Existing trail sub-segments are not included in the total lengths in the matrix.

TRAIL STATUS

Trail Status	Length (linear feet)	Length (miles)
Existing	21,783	4.13
Programmed	25,191	4.77
Proposed	137,028	25.95

PRIORITY

Priority	Length (linear feet)	Length (miles)	Probable Cost
Short	56,459	10.69	\$6,934,510
Mid	49,045	9.29	\$5,485,485
Long	51,942	9.84	\$7,137,805

Note: Lengths of existing trails are not included in totals.

PROJECT PRIORITIZATION MATRIX

Note: Lengths of existing trails are not included in totals.

Trail Segment	Name	Trail Type	Length (linear feet)	Length (miles)	Trail Status	Probable Cost	Start/End	Priority
S1		DOT Sidepath/ Typical Greenway	8,662	1.64	Existing		Yellow Jasmine Lane - Wheat Field Drive and short section in vicinity of Golden Bell Drive	Existing
S1a		DOT Sidepath/ Typical Greenway	2,138	0.40	Programmed ³	\$427,600	Saddle Avenue - New Town	Short
S1b		DOT Sidepath/ Typical Greenway	8,915	1.69	Proposed	\$1,783,000	Wheat Field Drive - Saddle Avenue and New Town -Yellow Jasmine Lane	Short
S1 TOTAL	Marvin Loop		11,053	2.09		\$2,210,600		
S2a		DOT Sidepath/ Typical Greenway	4,108	0.78	Proposed	\$821,600	Waxhaw Marvin Road and New Town Road intersection - Stacy Howie Road	Mid
S2b		DOT Sidepath/ Typical Greenway	8,300	1.57	Proposed	\$1,660,000	Stacey Howie Road - Crane Road	Short
S2c		DOT Sidepath/ Typical Greenway	6,268	1.19	Proposed	\$1,253,600	Crane Road - Village Limits	Long
S2 TOTAL	Waxhaw Marvin Greenway		18,676	3.54		\$3,735,200		
C1 TOTAL	North McBride Branch Greenway	Crushed Stone Path	2,337	0.44	Proposed	\$186,960	Tom Short Road - Six Mile Creek/Future Park	Mid
C2		Crushed Stone Path	1,144	0.22	Existing		C2 Programmed/Walkers Bluff Court - Meadows Vista Drive	Existing
C2 TOTAL	Tullamore Trail	Crushed Stone Path	5,424	1.03	Programmed ¹	\$433,920	Tom Short Road - C2 Existing Gravel	Short
C3a		Crushed Stone Path	5,017	0.95	Proposed	\$401,360	Tom Short Road to Marvin School Road	Mid
C3b		DOT Sidepath	1,025	0.19	Proposed	\$205,000	C3 Proposed/Marvin School Road - Joe Kerr Road	Short
C3 TOTAL	Wyndham Hall Greenway		6,042	1.14		\$606,360		
C4a		Crushed Stone Path	1,782	0.34	Proposed	\$142,560	Six Mile Creek - Joe Kerr Road	Mid
C4b		Crushed Stone Path	2,004	0.38	Proposed	\$160,320	Joe Kerr Road - Running Horse Lane	Mid
C4		Crushed Stone Path	1,708	0.32	Existing		Running Horse Lane - Painted Turtle Court	Existing
C4c		Crushed Stone Path	4,758	0.90	Proposed	\$380,640	Painted Turtle Court - Intersection of New Town and Marvin School Roads	Short
C4 TOTAL	Marvin Branch Greenway		8,544	1.62		\$683,520		

Programmed Trail Status:
1 - Acquired by the Village of Marvin
2 - To be acquired by NCDOT
3 - Will be granted by Developer/HOA

Trail Segment	Name	Trail Type	Length (linear feet)	Length (miles)	Trail Status	Probable Cost	Start/Land	Priority
C5 TOTAL	Six Mile Creek Connector	DOT Sidepath	1,508	0.29	Proposed	\$301,600	Intersection Joe Kerr and Marvin Road - Six Mile Creek	Short
C6 TOTAL	Saddle Avenue Connector	Sharrow - on road	2,521	0.48	Proposed		Marvin Branch - intersection of Saddle Avenue and Marvin Road	Long
C7		Crushed Stone Path	2,411	0.46	Existing		Pampas Way - Golden Bell Drive	Existing
C7 TOTAL	Preserve Trail	Crushed Stone Path	3,997	0.76	Programmed ¹	\$319,760	Goldern Bell Drive - White Dogwood Lane	Short
C8a		Crushed Stone Path	7,760	1.47	Proposed	\$620,800	Marvin Road - Woodland Forest Road	Mid
C8b		DOT Sidepath/ Typical Greenway	862	0.16	Proposed	\$172,400	C8a - Intersection of Woodland Forest and New Town Roads	Mid
C8 TOTAL	Woodland Forest Connector		8,622	1.63		\$793,200		
C9 TOTAL	Marvin Loop Connector	DOT Sidepath/ Typical Greenway	4,201	0.80	Proposed	\$840,200	NC/SC State Line - Intersection of Marvin and New Town Roads	Long
C10a		Crushed Stone Path	3,625	0.69	Programmed ³	\$290,000	Waxhaw Marvin Road - Cow Branch and NC/SC State Line	Mid
C10b		Crushed Stone Path	3,426	0.65	Proposed	\$274,080	Cow Branch and NC/SC State Line - Stacy Howie Road	Long
C10c		DOT Sidepath/ Typical Greenway	1,118	0.21	Proposed	\$223,600	NC/SC State Line at Stacy Howie Road - Waxhaw Marvin Road	Long
C10 TOTAL	Broadmoor Greenway		8,169	1.55		\$787,680		
C11a		DOT Sidepath	1,539	0.29	Proposed	\$307,800	New Town Road - Private Drive	Long
C11b		DOT Sidepath	4,282	0.81	Proposed	\$856,400	Private Drive - Duke Energy ROW (C18)	Mid
C11c		DOT Sidepath	2,456	0.47	Proposed	\$491,200	Duke Energy ROW (C18) - Waxhaw Marvin Road	Short
C11 TOTAL	Crane Road Greenway		8,277	1.57		\$1,655,400		

Programmed Trail Status:
1 - Acquired by the Village of Marvin
2 - To be acquired by NCDOT
3 - Will be granted by Developer/HOA

PROJECT PRIORITIZATION MATRIX (CONTINUED)

Note: Lengths of existing trails are not included in totals.

Trail Segment	Name	Trail Type	Length (linear feet)	Length (miles)	Trail Status	Probable Cost	Start/End	Priority
C12 TOTAL	Cowhorn Branch Greenway	Crushed Stone Path	8,788	1.66	Proposed	\$703,040	Crane Road - Waxhaw Marvin Road	Short
C13								
C13 TOTAL	Chimneys Trail	Natural Surface Trail	6,641	1.26	Existing		Henry Nesbit Road/NC/SC State Line - Tar Kiln Branch	Existing
		Natural Surface Trail	3,182	0.60	Programmed ¹	\$79,550	Tar Kiln Branch - Waxhaw Marvin Road	Short
C14a		Natural Surface Trail/ Sharrow - on road	5,845	1.11	Proposed		Tar Kiln Branch - Laurelwood Lane	Long
C14b		Sharrow - on road	1,711	0.32	Proposed		Sandlewood Lane - Waxhaw Marvin Road	Long
C14 TOTAL	Tar Kiln Branch Connector		7,556	1.43				
C15		DOT Sidewalk/ Typical Greenway	465	0.09	Existing		Vicinity of Belle Grove Drive	Existing
C15 TOTAL	Bonds Grove Church Greenway	DOT Sidewalk/ Typical Greenway	6,288	1.20	Proposed	\$1,257,600	Waxhaw Marvin Road - Providence Road	Long
C16 TOTAL	Belle Grove Trail	Crushed Stone Path	2,052	0.39	Programmed ³	\$164,160	Bonds Grove Church Road - Duke Power ROW	Mid
C17		DOT Sidewalk/ Typical Greenway	752	0.14	Existing		Sidewalk in vicinity of Restoration Drive	Existing
C17 TOTAL	Providence Road Greenway	DOT Sidewalk/ Typical Greenway	4,773	0.90	Programmed ²	\$954,600	Bonds Grove Church Road - New Town Road	NCDOT Project
C18a		Natural Surface Trail	4,709	0.89	Proposed	\$117,725	Broomes Old Mill Road - Providence Road	Long
C18b		Natural Surface Trail	7,853	1.49	Proposed	\$196,325	Providence Road - Crane Road	Mid
C18c		Natural Surface Trail	5,287	1.00	Proposed	\$132,175	Crane Road - Waxhaw Marvin Road	Short
C18d		Natural Surface Trail	681	0.13	Proposed	\$17,025	Waxhaw Marvin Road - NC/SC State Line	Short
C18 TOTAL	Powerline Trail		18,530	3.51		\$463,250		

Programmed Trail Status:
 1 - Acquired by the Village of Marvin
 2 - To be acquired by NCDOT
 3 - Will be granted by Developer/HOA

Trail Segment	Name	Trail Type	Length (linear feet)	Length (miles)	Trail Status	Probable Cost	Start/End	Priority
C19 TOTAL	Broomes Old Mill Connector	DOT Sidepath	3,852	0.73	Proposed	\$770,400	New Town Road - Duke Energy ROW	Long
C20a		DOT Sidepath	7,363	1.39	Proposed	\$1,472,600	Intersection of New Town and Marvin School Roads - Marvin Efrid Park	Mid
C20b		DOT Sidepath	10,464	1.98	Proposed	\$2,092,800	Marvin Efrid Park - Ennis/Broomes Old Mill Roads	Long
C20 TOTAL	New Town Road Greenway		17,827	3.38		\$3,565,400		
		Totals	162,219	30.72		\$20,512,400		

Programmed Trail Status:
1 - Acquired by the Village of Marvin
2 - To be acquired by NCDOT
3 - Will be granted by Developer/HOA

PRG Specific Survey Questions:

Numbered questions are taken from draft survey questions developed for Council.

General

Marvin has a number of trails and parks. Do you currently use them

Yes

No

If so, for what. _____

6) *Would you like to see more parks, open space, or recreation options in Marvin*

Yes

No

Does your opinion change if new amenities are

entirely taxpayer funded,

More in favor

No change

Less in favor

partly taxpayer funded in a grant match,

More in favor

No change

Less in favor

entirely funded by grant or as part of a development

More in favor

No change

Less in favor

(Or Open Answer _____)

Greenspace

For purposes of this survey, Greenspace is defined as predominantly undeveloped “green” areas that may include low impact built elements, such as trails or parks, or be left completely natural.

What do you think about the amount of Greenspace that Marvin already has overall

Too much

Just right

Not enough

17) *How important is it for the Village of Marvin to buy land to preserve?*

Very

Somewhat

Not very

How would you prefer Marvin utilize its Greenspace (all that apply, or rank?)

No use at all. Keep it completely natural

Greenways/Trails to provide recreation and off street connectivity between neighborhoods and amenities

Passive parks with lawns and minor built elements like benches, picnic tables, educational signage

Active parks for recreational activities such as disc golf, playgrounds, sand based courts (bocce, volleyball, horseshoes, etc), fitness stations or other activities that require relatively low environmental impact built elements

22) *What do you consider to be the most important issues related to the Village's environment and natural resources?*

- Maintaining tree canopy
- Land Conservation
- Improving public access to outdoor recreation
- Stormwater management for developed properties
- Preserving wildlife habitat
- None of the above
- Other _____

Greenways/Trails

For purposes of this survey, Greenways are linear green spaces with trails that provide connectivity between neighborhoods, parks, schools and other community destinations as well as fitness/recreation.

3) *Are Greenways/Walking Trails important to you?*

- Yes
- No

4) *Is connectivity and walkability important to you? (Alt: Is walkable connectivity to neighborhoods, schools, and parks important to you?)*

- Yes
- No

5) *If Yes, Why _____*

NOTE: If the definition for Greenways is present, question 4 is probably unnecessary

If you are familiar with the Parks and Greenways Master Plan, what do you think of the number of proposed and completed trails:

- There should be more trails than the ones proposed
- The proposed number of trails is just right
- There should be fewer trails than those proposed
- I am not familiar with the Master Plan proposed trail system.

7) *What improvements would you like to see on our current walking trails/greenways? Please choose all that apply*

- Adding lights
- Adding safety call boxes
- Hard surface trails (concrete or asphalt)
- More police patrol
- More dog pick up stations
- Nothing, they are fine as they are
- Other _____

8) ~~*What improvements would you like to see in Efirid park or throughout the village*~~

- Walking trails
- Sports complex
- Farmers market

- More Parking
- Pickleball courts
- Sand volleyball courts
- Dog park
- Aquatic Center
- None of the above
- Other _____

NOTE: Question 8 is too general or duplicative with question 6 unless it is ranked choice to get an idea overall what uses people are interested in most. Otherwise, this question should be repeated for Trails, Parks, and Recreation as their own topics with relevant choices. The following question gets to this for Trails.

For what activities would you like to the Greenway Trails to be designed?

- Walking
- Jogging
- Bike riding
- Equestrian
- Fitness stations
- None of the above
- Other _____

Parks

Currently Marvin has one developed park, Efird Park, one under development, Village Hall Park, and two additional park spaces which do not have a development proposal.

How do you feel about the amount of park spaces Marvin has already

- Too Little
- Just right
- Not enough

Do you currently visit Efird Park?

- Yes
- No
- If so, what do you go there for _____
- What additions would like to see at the park? _____

What amenities would you like to see in the parks?

- Event lawns for things like music or movie series or markets
- Small amphitheater or event stage
- Dog Park
- Disc golf
- Sand Volleyball
- Sand pit for bocce or horseshoes
- Chess tables
- Playgrounds
- Tennis/Pickleball Courts
- Sports Fields
- Picnic Benches
- Fitness stations

- Educational stations about the environment
- Parking
- Community garden
- Demonstration garden
- None of the above
- Other _____

- What is your preferred method to get to the parks
- I prefer to drive and would like there to be parking
 - I prefer to walk via street side trails/sidewalks
 - I prefer to use internal (non-street side) trails/greenways

~~10) Do you have an interest in pickleball courts in Marvin~~

- Yes
- No

NOTE: Question 10 probably does not need its own question if included in a list of park options?

Recreation and Community Events

Are you currently a member of a recreation center such as the Y or a country club

- Yes
- No

9) Do you have any interest in partnering with other municipalities for a sports complex?

- Yes
- No

If so, What sports would you be most interested in _____

Are you interested in a Marvin building a community center with rooms for fitness classes or talks, an indoor sport court, fitness facilities, etc

- Yes
- No

If so, what would you like it to include _____

Are you interested in partnering with another municipality for an Aquatic Center?

- Yes
- No

14) Are you pleased with the number of event held in Marvin on an annual basis

- Yes
- No

15) What events if any, would you like to see held in Marvin annually

- Music Series
- Summer movie nights
- Farmer's Market
- Holiday Market
- Tournaments (Cornhole, horseshoes, etc)
- Holiday related events such as Easter Egg hunt, Trick or Treat
- Marvin Day celebration

Stargazing
Summer camp activities
none of the above
Other _____

Please keep in mind that projects in the Village of Marvin may require a tax increase, as the Village is currently operating with an 8-cent tax rate.

1. What neighborhood do you live in? (Fill in the blank)

2. What are some of your reasons for living in the Village of Marvin? Check all that apply.

- a. Acreage
- b. Small Town Surroundings
- c. Low taxes
- d. Proximity to Charlotte
- e. Proximity to family or friends
- f. Housing available
- g. Proximity to employment
- h. Proximity to retail services
- i. Quality of schools
- j. Zoning and ordinance regulations
- k. Other ... please specify

3. Are greenways/walking trails important to you?

- a. Yes
- b. No

4. Is connectivity and walkability important to you?

- a. Yes
- b. No

5. If yes, why? (Fill in the blank)

6. Would you like to see more parks, open space or recreation options in Marvin?

- a. Yes
- b. No

7. What improvements, if any, would you like to see on our current walking trails/greenways? Please choose all that apply.

- a. Adding lights
- b. Adding police safety call boxes
- c. putting concrete on the trails
- d. more police patrol
- e. Nothing. They are fine as they are.
- f. Other. Please specify.

8. What improvements would you like to see in Efird Park or throughout the Village?

- a. Walking trails
- b. Sports Complex
- c. Farmers market
- d. More parking
- e. Pickleball courts
- f. Sand Volleyball courts
- g. Dog Park
- h. Aquatic center
- i. None of the above
- j. Other. Please specify.

Please keep in mind that projects in the Village of Marvin may require a tax increase, as the Village is currently operating with an 8-cent tax rate.

9. Do you have any interest in partnering with other municipalities to fund a sports complex?

- a. Yes
- b. No

10. Do you have an interest in pickleball courts in Marvin?

- a. Yes
- b. No

11. Would you be interested in seeing deputies at critical intersections?

- a. Yes
- b. No

12. Do you think updated Marvin Wayfinding signs (directional, street, greenways and monument village entrance signs are important to the look of Marvin?

(ADD IMAGE OF NEW SIGNS)

- a. Yes
- b. No

13. Do you want to see all Marvin street blades standardized for a cohesive look?

(ADD IMAGE OF NEW BLADES)

- a. Yes
- b. No

14. Are you pleased with the number of events held in Marvin on an annual basis?

- a. Yes
- b. No

15. What events, if any, would you like to see held in Marvin annually? (Fill in the blank)

16. What other government services would you like to see offered in Marvin?

- a. Additional trash services
- b. Police services
- c. Recycling services
- d. Village Water/Sewer Utilities
- e. Storm water services
- f. programming/Sports for parks and rec
- g. Additional events
- h. Other, please specify

17. How important is it for the Village of Marvin to buy land to preserve?

- a. Very Important
- b. Somewhat important
- c. Not very important

18. Are you open to a newly created position for a person solely to find grants to help fund larger projects? Over the previous five years the Village has acquired over \$4M in grant funds.

- a. Yes
- b. No

Please keep in mind that projects in the Village of Marvin may require a tax increase, as the Village is currently operating with an 8-cent tax rate.

19. What do you think about a limited number of Townhomes in Marvin? (Fill in the blank)

20. Please rank the biggest issues facing Marvin today:

- a. Traffic Volume/Speeding
- b. Safety
- c. Commercial development
- d. Lack of parks/greenways
- e. Overdevelopment

21. The recent Marvin bond package was not approved by Marvin voters on March 5, 2024. If you voted against the bonds, what was your primary reason(s)?

- a. Too expensive
- b. Projects are unnecessary.
- c. Did not want tax increases.
- d. The projects would not have benefitted me or my neighborhood.
- e. Didn't have the ability to vote for individual projects.
- f. I voted for the bond package.
- g. Other. Please specify.

22. What do you consider to be the most important issues related to the Village's environment and natural resources?

- a. Maintaining a Tree canopy
- b. Land conservation
- c. Improving public access to outdoor recreation
- d. Stormwater management for developed or redeveloped properties.
- e. Preserving wildlife habitat

23. Are you subscribed to receive emails from the Village (newsletters, meeting notices, event updates)? You can sign up through the homepage of MarvinNC.gov.

- a. Yes
- b. No

24. If you are subscribed, what do you think of the frequency of emails sent from the Village government?

- a. Too Many Emails
- b. Just Enough Emails
- c. Not Enough Emails

25. If you think more emails are needed, what additional information would you like to receive? (Fill in the blank)

26. Do you follow the Village of Marvin on social media (Facebook, Instagram, and YouTube)?

- a. Yes
- b. No

Please keep in mind that projects in the Village of Marvin may require a tax increase, as the Village is currently operating with an 8-cent tax rate.

27. Where do you receive your news/information about Marvin?

- a. The Village's Email Newsletter, the Marvin Wise Newsletter
- b. Social Media
- c. The Village Website, MarvinNC.gov
- d. Local newspapers/local tv news
- e. banners/signage
- f. direct mail
- g. Other, please specify.

28. If you receive news from social media, do you receive your news from the Village's official accounts?

- a. Yes
- b. No

29. How can the Village better communicate with residents? (Fill in the blank)

30. What makes Marvin a great place to live? (Fill in the blank)

We are interested in your input. If there are additional comments you would like to contribute, or if you have an interest in volunteering for the Village, please leave your contact information and someone will contact you. Thank you for submitting your opinions.



VILLAGE OF MARVIN
NORTH CAROLINA

Marvin Village Hall
10006 Marvin School Road
Marvin, NC 28173

Parks, Recreation, & Greenways Board Agenda
Report

Phone: (704) 843-1680
Fax: (704) 843-1660

Meeting Date: Tuesday, April 1, 2025

MarvinNC.gov

Title: Discussion of Memorial Bench to Honor Mike Cognac at Future Park Location

Attachments: None **Action Requested:** Give Consensus

Draft Motion: No Motion Requested

Budgetary Impact: No Budgetary Action Required

Background:

There have been a few discussions so far on ways to honor former Mayor Mike Cognac on our trails or in our parks.

Current:

The ideas of walking paths, plaques and benches have been mentioned so far. Need discussion of location and type of memorial we would like to recommend.



VILLAGE OF MARVIN
NORTH CAROLINA

Marvin Village Hall
10006 Marvin School Road
Marvin, NC 28173

Parks, Recreation, & Greenways Board Agenda
Report

Phone: (704) 843-1680
Fax: (704) 843-1660

Meeting Date: Tuesday, April 1, 2025

MarvinNC.gov

Title: Discussion of Golf Cart Ordinance

Attachments: Ordinance **Action Requested:** Information Only

Draft Motion: No Motion Requested

Budgetary Impact: No Budgetary Action Required

Background:

Attached is the current golf cart ordinance of the Village of Marvin.

Current:

Need to discuss how this looks moving forward. Could consider a golf cart route tied into the new master plan? Make some adjustments to road rules, enforcement when found on trails, etc.

CHAPTER 73: GOLF CARTS

Contents:

- § 73.01 AUTHORITY TO REGULATE.
- § 73.02 OPERATION ON PUBLIC STREETS AND ROADS.
- § 73.03 RESERVED.
- § 73.04 STREETS AND ROADS APPROVED FOR USE.
- § 73.05 ENFORCEMENT.
- § 73.06 LIABILITY DISCLAIMER.
- § 73.99 PENALTY.

§ 73.01 AUTHORITY TO REGULATE.

A. Pursuant to G.S. § 160A-300.6, as enacted by the State General Assembly, the village is authorized, by ordinance, to require the registration of and to regulate the operation of, golf carts upon public streets, roads and highways within the village where the speed limit is 35 mph or less.

B. For purposes of this chapter, a GOLF CART is a vehicle designed and manufactured for operation on a golf course for sporting or recreational purposes and that is not capable of exceeding speeds of 20 mph.

(Ord. OR-2009-10-01, passed 9-8-2009)

§ 73.02 OPERATION ON PUBLIC STREETS AND ROADS.

It shall be unlawful to operate a golf cart on a public street, road or highway right-of-way within the village except in accordance with the following provisions.

- A. Golf carts may not be operated on or alongside a public street, road, highway or within subdivisions listed in § 73.04 with a posted speed limit greater than 25 mph.
- B. No golf cart may be operated on any public street, road or highway without being equipped with at least one brake light between sunset and sunrise. Golf carts may operate between sunrise and sunset without a brake light if the driver uses the appropriate hand signals.
- C. If a golf cart is not equipped with brake lights or turn signals, the operator must use standard hand signals to signal stopping and turns.
- D. 1. Notwithstanding any other provision of this chapter, golf carts may not be operated on the following roads:
 - a. Bonds Grove Church Road;
 - b. Hwy. 16/Providence Road;
 - c. Joe Kerr Road;
 - d. Marvin Road;
 - e. Marvin School Road;
 - f. New Town Road; and
 - g. Waxhaw Marvin Road.
- 2. Roads may be added or deleted by the Village Council.
- E. No person may operate a golf cart on a public street, road or highway unless licensed to drive upon the streets and highways of the state and then only if that person operates the golf cart in accordance with the conditions of his or her license. Golf cart operators must carry their driver's licenses on their person at all times while operating a golf cart on public streets, roads or highways.
- F. An operator may not allow the number of people in the golf cart at any one time to exceed the maximum capacity specified by the manufacturer. The operator shall not allow occupants to ride on any part of a golf cart not designed to carry passengers, such as the part of the cart designed to carry golf bags.

- G. In no instance shall a golf cart be operated at a speed greater than 20 mph. Even at speeds at or below 20 mph, no golf cart may be operated at a speed greater than is reasonable and prudent for the existing conditions.
- H. No golf cart may be operated in a careless or reckless manner.
- I. Golf carts must be operated at the right edge of the roadway and must yield to all vehicular and pedestrian traffic.
- J. Golf carts may be operated only during daylight hours unless they have the following equipment: at least two lighted lamps, one on each side of the front of the golf cart, visible at night under normal atmospheric conditions from a distance of at least 300 feet in front of the cart, and a red lamp on the rear, visible at night under like conditions from a distance of at least 200 feet to the rear of the cart.
- K. Golf carts must be operated in accordance with all applicable state and local laws, regulations and ordinances, including all laws, regulations and ordinances pertaining to the possession and use of alcoholic beverages. In addition, no golf cart containing any open container of alcohol shall be operated on public streets, roads or highways.
- L. Golf carts must have a vehicle identification number or serial number and the basic equipment identified by the manufacturer. The equipment must include all safety devices as installed by the manufacturer, including a rear-view mirror.
- M. During an emergency situation or at a special event, any police officer supervising or controlling traffic may direct that golf carts be operated other than as permitted by this chapter.
- N. Any person who operates a golf cart must be responsible for all liability associated with operation of the golf cart and must have liability insurance coverage which will cover the use of a golf cart in an amount not less than required by North Carolina law for motor vehicles operated on public roads in the state of North Carolina.

(Ord. OR-2009-10-01, passed 9-8-2009; Ord. OR-2012-12-01, passed 12-11-2012)

§ 73.03 RESERVED.

§ 73.04 STREETS AND ROADS APPROVED FOR USE.

Golf carts authorized for use under the provisions of this chapter may be operated only on internal public streets that are located within subdivisions that have received final plat approval.

(Ord. OR-2009-10-01, passed 9-8-2009; Ord. OR-2015-12-02, passed 12-8-2015)

§ 73.05 ENFORCEMENT.

Violation of the provisions of this chapter shall constitute an infraction in accordance with G.S. Chapter 20. Notwithstanding the foregoing, persons who, while driving golf carts on public streets or roads within the village, violate the Rules of the Road applicable to motor vehicles GENERALLY (as set forth in G.S. Chapter 20, Article 3, Part 10 of Article 3) shall be subject to the same penalties applicable to the operators of other motor vehicles.

(Ord. OR-2009-10-01, passed 9-8-2009)

§ 73.06 LIABILITY DISCLAIMER.

This chapter is adopted to protect public safety. By adopting this chapter, the village does not declare or represent that golf carts are designed or manufactured to be used on public streets or roads and does not advocate or endorse their operation on public streets or roads. This chapter is not to be relied on as a determination that operation of golf carts on public streets or roads is safe or advisable even if done in accordance with this chapter. All persons who operate golf carts on public streets or roads do so at their own risk and peril, and must observe and be attentive to the safety of themselves and others, including their passengers, other motorists, bicyclists and pedestrians. By permitting golf carts to be operated on public streets and roads under the special legislation adopted by the state's legislature, the village assumes no responsibility or liability for the operation of golf carts.

(Ord. OR-2009-10-01, passed 9-8-2009)

§ 73.99 PENALTY.

Any act constituting a violation of this chapter shall subject the offender to a civil penalty of \$50, plus the court costs and attorney fees incurred by the village. If the offender fails to pay the penalty within 30 days of receiving written notice of the violation, the penalty may be recovered by the village in a civil action in the nature of debt. Three violations of this chapter within a 12-month period will be cause for revocation of the existing registration for six consecutive months.

(Ord. OR-2009-10-01, passed 9-8-2009)



PLEASE INCLUDE THIS QUOTE NUMBER ON THE PURCHASE ORDER TO AVOID DELAYS.

Company Address 7530 N. Natchez Ave.
 Niles, IL 60714
 USA

Created Date 3/6/2025
 Quote Number 00071167

Quote Name Village of Marvin Talkaphone MSRP Solar Cell Tower

Prepared By Nicole Rivera
 Phone (773) 539-1100
 Email nrivera@talkaphone.com

Product	Product Description	Quantity	List Price	Discounted Price	Total Price
ETP-520E	ETP-520 Series Analog Call Station with EMERGENCY button/signage	1.00	\$1,130.00	\$1,130.00	\$1,130.00
ETP-CGW-4G-GSM-V2	4G Voice over LTE (VoLTE) Cellular Gateway (Version 2) for ETP-120 or ETP-520 Series Analog Call Stations. Includes antenna kit. Two (2) years of cloud monitoring and email alerting are included. Cellular gateway supports 12VDC input. Please add power supply if 110VAC input is required. NOTE: Does not currently support E911 and cannot dial 911.	1.00	\$2,490.00	\$2,490.00	\$2,490.00
ETP-MTE-WP	Wireless and/or Solar Eco Tower mount w/ 2 foot pole. Standard in blue or red. For other colors, call for pricing.	1.00	\$6,235.00	\$6,235.00	\$6,235.00
SLR-80-84	Solar package for towers: 80 watt panel, 84Ah batteries	1.00	\$2,650.00	\$2,650.00	\$2,650.00

Totals

Final Quote Price \$12,505.00

ETP-CGW-4G-GSM-V2
4G Voice over LTE (VoLTE)
Cellular Gateway (Version 2)

Description

ETP-CGW-4G-GSM-V2 Cellular Gateway transforms any Talkaphone ETP-120 or ETP-520 Series Analog Call Station from wired landline telephone device into a 4G LTE cellular voice-enabled device.

Features

- Supports 4G LTE network standards—operates on the AT&T, T-Mobile, Verizon, or FirstNet networks
- FXS port allows direct connection of an ETP-120 or ETP-520 Series Analog Call Station
- Includes antenna with 17-foot cable assembly
- Includes two (2) years of cloud monitoring and email alerting for:
 - Online/offline status
 - SIM card removal/insertion



Specifications

Dimensions:	5.0 x 4.2 x 1.4 in. (124 x 107 x 35 mm)
Weight:	0.70 lbs. (0.32 kg)
Mounting:	Integrated surface mounting flanges—mounts into wireless-ready towers and wall mounts
Operating Temperature:	-22°F to 149°F (-30°C to +65°C)
Humidity Range:	15% to 90%, non-condensing
Power:	9-16 VDC, 1.7 W (nominal), 3.5W (maximum)
LEDs:	Status, phone, cellular
SIM Card:	Nano-SIM (4FF)
Service Provider:	AT&T, T-Mobile, or Verizon
4G LTE Bands:	B2, B4, B5, B12, B13, B14, B66, B71
Supported Region(s):	North America
Approval(s):	FCC Part 15b PTCRB RoHS
Warranty:	2-year limited warranty

IMPORTANT NOTES:

- (1) The ETP-CGW-4G-GSM-V2 Cellular Gateway **does not currently support E911 and cannot dial 911.**
- (2) All programming, diagnostics, and identification of the ETP-120/ETP-520 Series Analog Call Stations are accomplished through the transmitting and receiving of in-band DTMF signals. Cellular transmissions and cellular networks may interfere with and distort these tones. As a result of these irregularities, Model ETP-TAL-1, Talk-A-Lert Polling and Listening may not function as intended and, therefore, may not be appropriate in that application or environment.

ETP-CGW-4G-GSM-V2 4G Voice over LTE (VoLTE) Cellular Gateway (Version 2)

Antenna Requirements

Some tower configurations may require an adapter kit to install the included antenna. Please refer to the table below for further details:

Tower Model Configuration	Vintage	Adapter Kit Model Number
ETP-MT Series models configured with -PCS option	Manufactured Before January 2011	ADAPT-MT-CI-4G-001
	Manufactured from January 2011 to Present	ADAPT-MT-CI-4G-002
ETP-MT Series models configured with -SOLAR60 option	Manufactured from January 2011 to Present	ADAPT-MT-CI-4G-002
ETP-MT Series models without either -PCS or -SOLAR60 option	All Vintages	ADAPT-MT-CI-4G-003
ETP-MT/R Series models configured with -PCS option	All Vintages	ADAPT-MT/R-CI-4G-001
ETP-MT/R Series models configured with -SOLAR option	Manufactured Before May 2016	ADAPT-MT/R-CI-4G-002
	Manufactured from May 2016 to Present	ADAPT-MT/R-CI-4G-003
ETP-MTE Series models configured with -W or -WP option	Manufactured Before March 2013	ADAPT-MTE-CI-4G-001A
	Manufactured from March 2013 and July 2014	ADAPT-MTE-CI-4G-001
	Manufactured from July 2014 to May 2016	ADAPT-MTE-CI-4G-002
	Manufactured from May 2016 to Present	ADAPT-MTE-CI-4G-003

Options

- External Power Supply: Order model **86396** to add a 120/240VAC input, 12VDC output, 5A outdoor-rated power supply.
- Solar Systems:
(Requires solar-enabled Talkphone tower): Order model **SLR-100-84** for lower geographic regions.
Order model **SLR-140-84** for upper geographic regions.
For geographic region information, please refer to the [datasheet for Solar Systems](#).
- Polling/Call Identification Package: Talk-A-Lert, Model **ETP-TAL-1**, automatically polls (calls into) each Analog Call Station to validate the call path/route, reports incoming calls, and keeps permanent records of all events. ²
- Prepaid SIM Cards: Available prepaid Voice over LTE (VoLTE) SIM cards for AT&T and T-Mobile networks. Includes one (1) SIM card and 100 minutes per month. [Contact for further details](#). ¹
Order model **SRVC-CGW-4G-V2-ATT-1Y** for a 1-year prepaid AT&T SIM card.
Order model **SRVC-CGW-4G-V2-ATT-2Y** for a 2-year prepaid AT&T SIM card.
Order model **SRVC-CGW-4G-V2-TMO-1Y** for a 1-year prepaid AT&T SIM card.
Order model **SRVC-CGW-4G-V2-TMO-2Y** for a 2-year prepaid AT&T SIM card.

IMPORTANT NOTES:

¹ The ETP-CGW-4G-GSM-V2 Cellular Gateway and VoLTE service **do not currently support E911 and cannot dial 911**.

² All programming, diagnostics, and identification of the ETP-120/ETP-500/ETP-520 Series Analog Call Stations are accomplished through the transmitting and receiving of in-band DTMF signals. Cellular transmissions and cellular networks may interfere with and distort these tones. As a result of these irregularities, Model ETP-TAL-1, Talk-A-Lert Polling and Listening may not function as intended and, therefore, may not be appropriate in that application or environment.

CALL STATION ACCESSORIES

ETP-CGW-4G-GSM-V2 4G Voice over LTE (VoLTE) Cellular Gateway (Version 2)

Options (Continued)

- VoLTE Service Renewal: Available prepaid Voice over LTE (VoLTE) service renewal includes 100 minutes per month. [Contact for further details.](#)¹
- Order model **SRVC-CGW-4G-V2-ATT-1Y-RENEW** for a 1-year prepaid AT&T renewal.
 - Order model **SRVC-CGW-4G-V2-ATT-2Y-RENEW** for a 2-year prepaid AT&T renewal.
 - Order model **SRVC-CGW-4G-V2-TMO-1Y-RENEW** for a 1-year prepaid T-Mobile renewal.
 - Order model **SRVC-CGW-4G-V2-TMO-2Y-RENEW** for a 2-year prepaid T-Mobile renewal.
- Cloud Monitoring and Maintenance Plans: Initial hardware purchase includes two (2) years of cloud monitoring, email alerting, hardware limited warranty, firmware updates, and technical support.
- Order model **MAINT-CGW-4G-V2-1Y** for an additional one (1) year.
 - Order model **MAINT-CGW-4G-V2-2Y** for an additional two (2) years.

IMPORTANT NOTES:

¹ The ETP-CGW-4G-GSM-V2 Cellular Gateway and VoLTE service **do not currently support E911 and cannot dial 911.**

² All programming, diagnostics, and identification of the ETP-120/ETP-500/ETP-520 Series Analog Call Stations are accomplished through the transmitting and receiving of in-band DTMF signals. Cellular transmissions and cellular networks may interfere with and distort these tones. As a result of these irregularities, Model ETP-TAL-1, Talk-A-Lert Polling and Listening may not function as intended and, therefore, may not be appropriate in that application or environment.



TALKAPHONE

ETP-MTE ECO TOWER™

THE ECO TOWER™, MODEL ETP-MTE, COMBINES ECONOMY AND ECOLOGY INTO ONE STYLISH PRODUCT. THE LIGHTWEIGHT ALUMINUM CONSTRUCTION REDUCES ITS ECOLOGICAL FOOTPRINT AND ALLOWS FOR ONE-PERSON INSTALLATION

FEATURES


- n Light weight aluminum construction for reduced ecological footprint and one-person installation
- n Durable, multilayer powder coating achieves near-zero waste and VOC (volatile organic compound) emissions
- n Modular construction allows for easy upgrades
- n Optimal internal mounting plates and shelves provide clean mounting solutions for accessories
- n Call Station is illuminated at all times by an LED Panel Light
- n Vandal-resistant and designed to resist extreme weather conditions
- n A variety of signage, graphics and color choices are available
- n Easily mount any ETP-500 Series or VOIP-500 / VOIP-600 Series Call Station into the unit (sold separately)
- n ADA-compliant



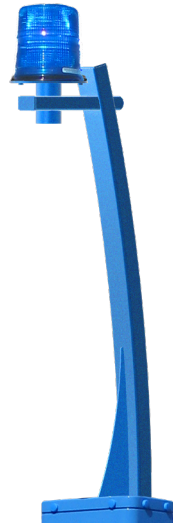


Construction:	0.125 in. aluminum	0.125 in. aluminum	0.125 in. aluminum
Dimensions (WxDxH):	10.0 x 6.8 x 113.0 in. (254 x 171 x 2870 mm)	10.0 x 6.8 x 124.0 in. (254 x 171 x 3150 mm)	10.0 x 6.8 x 148.0 in. (254 x 171 x 3759 mm) including pole and Blue Light
Weight:	45 lbs. (20.4 kg)	50 lbs. (22.7 kg)	60 lbs. (27.2 kg)
Coating:	High-gloss, multi-layer, corrosion-inhibitive system with resistance to UV-fade and graffiti protection	High-gloss, multi-layer, corrosion-inhibitive system with resistance to UV-fade and graffiti protection	High-gloss, multi-layer, corrosion-inhibitive system with resistance to UV-fade and graffiti protection
Colors:	Blue and Red are standard. Available in custom colors.	Blue and Red are standard. Available in custom colors.	Blue and Red are standard. Available in custom colors.
Signage:	3.25 in. high reflective white "EMERGENCY" lettering with wide-angle visibility is standard. Available in custom colors, lettering, and graphics.	3.25 in. high reflective white "EMERGENCY" lettering with wide-angle visibility is standard. Available in custom colors, lettering, and graphics.	3.25 in. high reflective white "EMERGENCY" lettering with wide-angle visibility is standard. Available in custom colors, lettering, and graphics.
Lighting:	LED Blue Light: 209 lumens peak, 78 flashes per minute. 50,000 hour lifetime LED Panel Light: Ultra bright LEDs, 50,000 hour lifetime	LED Blue Light: 209 lumens peak, 78 flashes per minute. 50,000 hour lifetime LED Panel Light: Ultra bright LEDs, 50,000 hour lifetime	LED Blue Light: 209 lumens peak, 78 flashes per minute. 50,000 hour lifetime LED Panel Light: Ultra bright LEDs, 50,000 hour lifetime
Power:	9 watts, 12-24VDC, 24/120VAC	9 watts, 12-24VDC, 24/120VAC	9 watts, 12-24VDC, 24/120VAC
Mounting:	Mounts into concrete foundation using included hardware (shipped in advance). Mounting options available for pre-poured parking decks.	Mounts into concrete foundation using included hardware (shipped in advance). Mounting options available for pre-poured parking decks.	Mounts into concrete foundation using included hardware (shipped in advance). Mounting options available for pre-poured parking decks.
Operating Temperature:	-40° F to +131° F (-40° C to +55° C)	-40° F to +131° F (-40° C to +55° C)	-40° F to +131° F (-40° C to +55° C)
Protection Rating:	IP55, NEMA 3R	IP55, NEMA 3R	IP55, NEMA 3R
Limited Warranty:	2-year limited warranty	2-year limited warranty	2-year limited warranty

Approvals: ETL Recognized Component -- Conforms to UL Standards 60950-1 and 60950-22. Certified to CSA Standard 6227 Nos. 60950-1 and 60950-22.



ETP-MTE-ARM - ECO TOWER™
Camera Arm



ETP-MTE-72 - ECO TOWER™
Emergency Phone Tower

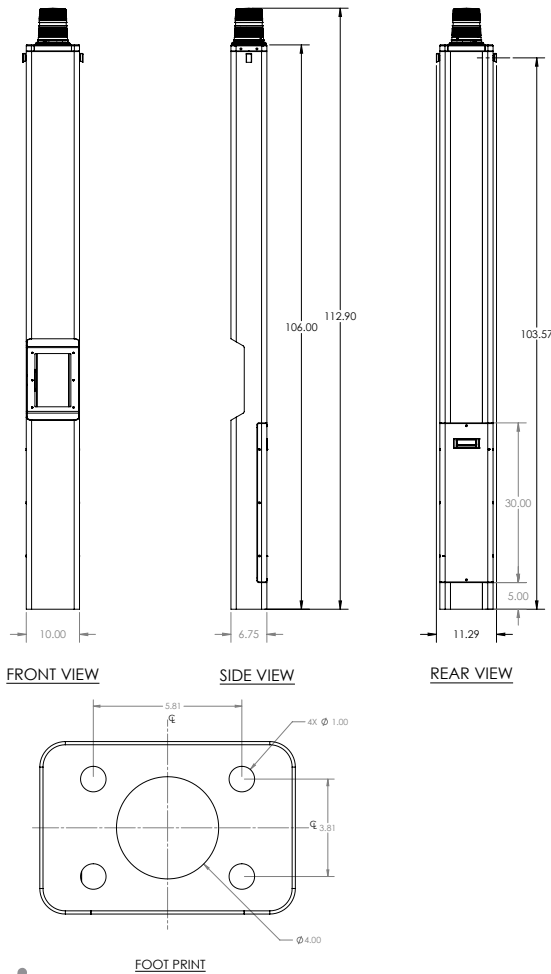


Construction:	0.125 in. aluminum	0.125 in. aluminum
Dimensions (WxDxH):	10.0 x 13.5 x 43.4 in. (254 x 344 x 1101 mm) not including LED Blue Light	10.0 x 6.8 x 72.0 in. (254 x 171 x 1829 mm)
Weight:	18 lbs. (8.2 kg) - Arm	30 lbs. (13.6 kg)
Coating:	High-gloss, multi-layer, corrosion-inhibitive system with resistance to UV-fade and graffiti protection	High-gloss, multi-layer, corrosion-inhibitive system with resistance to UV-fade and graffiti protection
Colors:	Blue and Red are standard. Available in custom colors.	Blue and Red are standard. Available in custom colors.
Signage:	N/A	3.25 in. high reflective white "EMERGENCY" lettering with wide-angle visibility is standard. Available in custom colors, lettering, and graphics.
Lighting:	N/A	LED Blue Light: 209 lumens peak, 78 flashes per minute. 50,000 hour lifetime LED Panel Light: Ultra bright LEDs, 50,000 hour lifetime
Power:	N/A	9 watts, 12-24VDC, 24/120VAC
Mounting:	Camera mount has a 1.5" NPT adapter to mount a dome camera. Camera mount can be installed on any basic ECO TOWER emergency phone tower.	Mounts into concrete foundation using included hardware (shipped in advance). Mounting options available for pre-poured parking decks.
Operating Temperature:	-40° F to +131° F (-40° C to +55° C)	-40° F to +131° F (-40° C to +55° C)
Protection Rating:	IP55, NEMA 3R	IP55, NEMA 3R
Limited Warranty:	2-year limited warranty	2-year limited warranty
Approvals:	ETL Recognized Component -- Conforms to UL Standards 60950-1 and 60950-22. Certified to CSA Standard C22.2 Nos. 60950-1 and 60950-22.	



DIMENSIONAL DRAWING

All dimensions are in inches and are provided for reference only.



FRONT VIEW

SIDE VIEW

REAR VIEW

FOOT PRINT



TALKAPHONE

THE LEADERS IN SECURITY AND LIFE SAFETY COMMUNICATIONS

7530 North Natchez Avenue
Niles, Illinois 60714

Tel: 773-539-1100
Email: info@talkaphone.com
Web: www.talkaphone.com

Terms of Use and Limited Warranty

This Product includes intellectual property and proprietary rights owned by Talk-A-Phone, LLC and/or its licensors. Your use of this Product confirms your agreement that Talk-A-Phone, LLC and/or its licensors retain all right, title and interest in and to all such property; that your rights are to access and use the Product for your internal business use only; that all Product elements will be maintained as confidential; and that the Product may not be rented, leased or lent to third parties, reverse engineered, decompiled or disassembled, or otherwise used for any purpose other than as an access device for your premises.

Talk-A-Phone, LLC warrants Talk-A-Phone Emergency Phone, Call Station, and Wide-Area Emergency Broadcast System equipment against any defects in material and workmanship, under normal use, for a period of twenty-four (24) months from date of installation, provided that Talk-A-Phone receives a completed "Installation Certification" certifying the date on which the system has been installed. An "Installation Certification" card is enclosed with every unit. In the event that no "Installation Certification" is received by Talk-A-Phone, the twenty-four (24) months will commence on the date of shipment by Talk-A-Phone. Warranty period for the metal elements of models in the GP Series Pedestals, MT Series Towers, MTE Series Towers, MT/R Series Towers, PM Series Pedestals, SM Series Surface Mounts, Via Series Mounts, and WM Series Wall Mounts is five (5) years, under the same terms and conditions. Warranty period for Area of Rescue Products is sixty (60) months, under the same terms and conditions. Warranty period for Intercommunication Products is twelve (12) months, under the same terms and conditions. If the Product is found by Talk-A-Phone to be defective within the warranty period, Talk-A-Phone's only obligation, and your exclusive remedy, is for the repair or replacement of any defective parts, provided that the Product is returned to us at 7530 N. Natchez Ave., Niles, IL 60714. Talk-A-Phone shall have no obligation to furnish or pay for the labor of any third parties or bear the expense of shipping defective Products for repair. In no event shall Talk-A-Phone or its licensors or suppliers be liable for any form of exemplary or punitive damages, or any special, indirect or consequential damages. TALK-A-PHONE EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall Talk-A-Phone or its licensors or suppliers be liable for any form of exemplary or punitive damages, or any special, indirect or consequential damages. Your use of this Product constitutes your agreement to all of the foregoing terms.

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ACCESSORIES

Parking Deck Mounting Kit: Order model ETP-PDMK to mount on pre-poured parking deck.

Shelving: Order model ETP-MTE-SHELF to add an internal mounting shelf for accessories. Maximum two shelves per tower.

Mounting Panel: Order model ETP-MTE-PANEL to add an internal mounting panel for accessories. Maximum two panels per tower.

Call Stations

VoIP

Single Button Emergency Phone



VOIP-500E



VOIP-600E

Single Button Assistance Phone



VOIP-500C



VOIP-600H

Dual Button Emergency Phone



VOIP-500E1



VOIP-600E1

Keypad Emergency Phone



VOIP-500ECK



VOIP-600ECK



TALKAPHONE

ETP-520 SERIES ANALOG CALL STATION



BLUE LIGHT PHONES

ETP-520 SERIES
OUTDOOR-RATED,
ADA-COMPLIANT
HANDS-FREE
ANALOG CALL
STATIONS GO
BEYOND EMERGENCY
COMMUNICATIONS
WITH A CLEAN AND
SIMPLE INTERFACE,
316 MARINE GRADE
STAINLESS STEEL
AND ARE RATED
IP66 FOR HARSH
ENVIRONMENTS.

FEATURES

- Vandal resistant 316 marine grade stainless steel faceplate
- IP66 water resistant construction
- Raised letter and braille signage for ADA compliance
- Stainless steel metal button designed for long lasting usage and weather erosion
- Two (2) LED indicators for the hearing impaired (CALLING and ANSWERED)
- Operates on a standard analog phone line or extension for communications and function—no power supply needed
- When the button is pushed, the built-in auto-dialer can dial up to five (5) numbers. If first number does not answer or is busy, dials second number. If second number does not answer or is busy, dials third number—and so on.
- Monitor mode will auto-answer a call initiated by an attendant—allowing them to monitor the local area
- Ability to identify the physical location of the call station through a pre-recorded voice message that plays at the beginning of a call or through Talk-A-Lert (sold separately)
- Unique pre-recorded voice messages for the button, auxiliary input, and monitor mode
- Available Auxiliary Input can be triggered by a momentary dry contact closure (e.g., vehicle detector) to auto-dial a list of phone numbers—order Model ETP- AUXIN-KIT-2 to enable feature
- Two (2) Auxiliary Outputs can each provide a dry contact closure to devices such as a blue light beacon, access control panel, or security camera
- Line level output (600 Ohm) connects to an audio amplifier or paging system—providing the capability of receiving an audio page (mass notification) through a standard telephone call
- Compatible with active induction hearing loop panel (Model AHLP-1)—external power supply required

GENERAL SPECIFICATIONS	ETP-520 Series
Construction:	0.086 in (2.13mm) #4 brushed 316 stainless steel faceplate
Dimensions (W x H x D):	Front Panel: 8.5 x 11.5 in. (216 x 292 mm) Back Box: 6.38 x 9.79 x 2.83 in. (162 x 249 x 72 mm)
Weight:	5 lbs. (3.6 kg)
Storage Temperature:	-40° F to +149° F (-40° C to +65° C)
Operating Temperature:	-40° F to +131° F (-40° C to +55° C)
Relative Humidity:	Up to 95% non-condensing
Protection:	IP66, circuit board parylene coated
Mounting:	Flush mount (kit sold separately) Surface mount options available
Communication:	Two-way hands-free communication
Digit Capacity:	Up to 50-digits, including pauses, for each of five (5) phone numbers
Dialing Speed:	51 ms or 102 ms on/off
Power Source:	Phone line powered (requires 20mA at 24 V off-hook)
Connection:	Parallel tip and ring connected to RJ11 connector for quick installation
Circuit Protection:	Sidactor lighting suppressed and full wave polarity guarded
Auxiliary Input:	Optionally available with one (1) relay input (N.O.) rated for 2.2-30 VAC/VDC Accepts a momentary contact closure Order Model ETP-AUXIN-KIT-2 to enable feature
Auxiliary Outputs:	Two (2) relay outputs (N.O.) rated for a maximum of 1.0A at 30VDC or 0.5A at 110VAC
Line Level Output:	One (1) 600 Ohm line level audio output
Programming:	Non-volatile EEPROM programming can be done from a remote telephone No battery backup is needed to save configuration
"On Time":	Programmable from 1-99 minutes in 1-minute increments
Recommended Wiring:	One (1) shielded twisted pair (STP)



All specifications are subject to change without notice.





ETP-520C



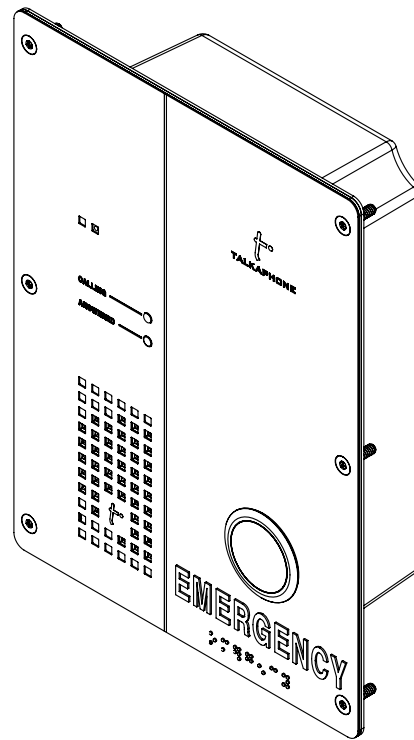
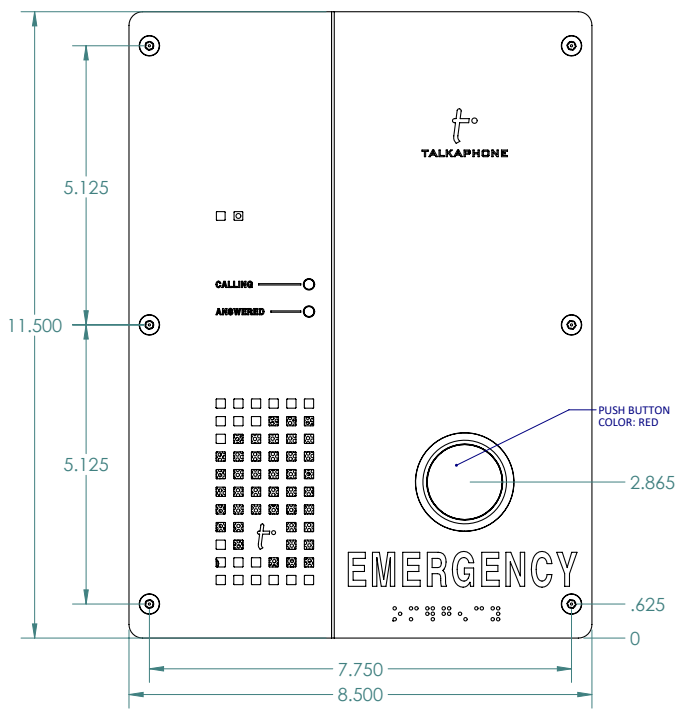
ETP-520ECK

	ETP-520E - Single-Button Emergency Call Station	ETP-520C - Single-Button Call Station
		
Model Number:	ETP-520E	ETP-520C
Dimensions (W x H x D):	Front Panel: 8.5 x 11.5 in. (216 x 292 mm) Back Box: 6.38 x 9.79 x 2.83 in. (162 x 249 x 72 mm)	Front Panel: 8.5 x 11.5 in. (216 x 292 mm) Back Box: 6.38 x 9.79 x 2.83 in. (162 x 249 x 72 mm)
Weight:	5 lbs. (3.6 kg)	5 lbs. (3.6 kg)

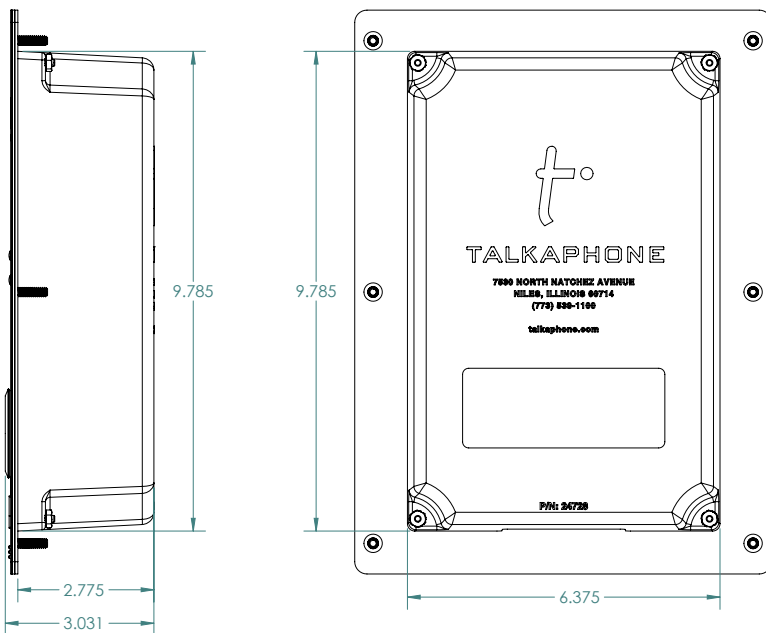
	ETP-520EI - Dual-Button Emergency Call Station	ETP-520ECK - Keypad Call Station
		
Model Number:	ETP-520EI	ETP-520ECK
Dimensions (W x H x D):	Front Panel: 8.5 x 11.5 in. (216 x 292 mm) Back Box: 6.38 x 9.79 x 2.83 in. (162 x 249 x 72 mm)	Front Panel: 8.5 x 11.5 in. (216 x 292 mm) Back Box: 6.38 x 9.79 x 2.83 in. (162 x 249 x 72 mm)
Weight:	5 lbs. (3.6 kg)	5 lbs. (3.6 kg)
Keypad:	N/A	Keypad can be configured to support one of the following modes: <i>(1) Manual keypad dialing</i> <i>(2) Autodial (0-9 keys are each programmed with a single phone number)</i> <i>(3) Interactive voice response (IVR) mode—operate a call tree or menu</i>

DIMENSIONAL DRAWING - MODEL ETP-520E

All dimensions are in inches and are provided for reference only.

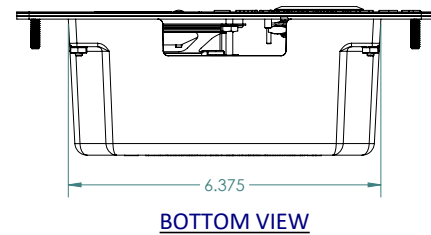


FRONT VIEW



SIDE VIEW

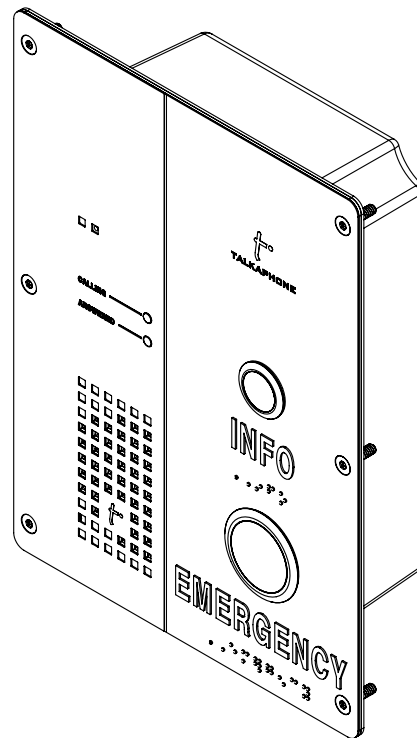
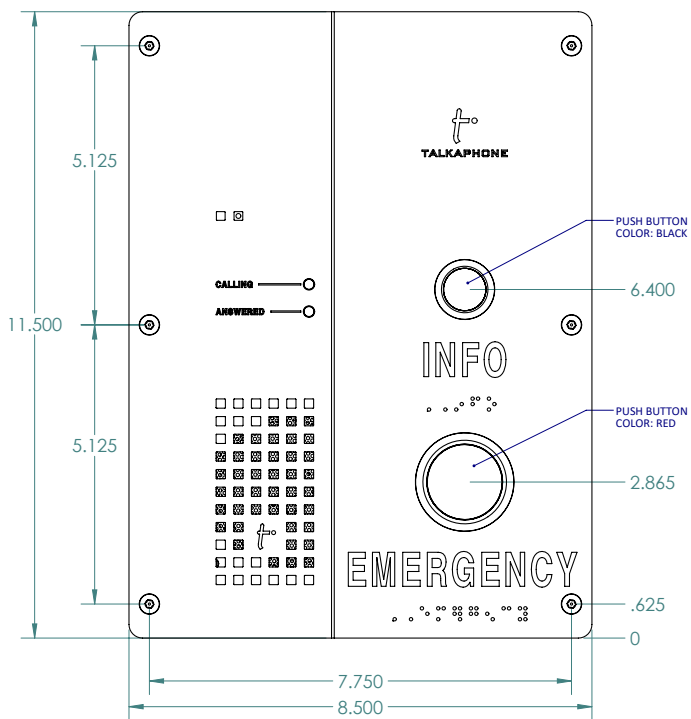
REAR VIEW



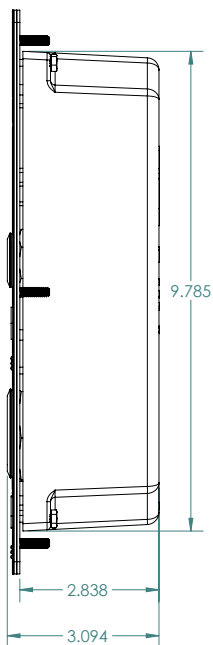
BOTTOM VIEW

DIMENSIONAL DRAWING - MODEL ETP-520EI

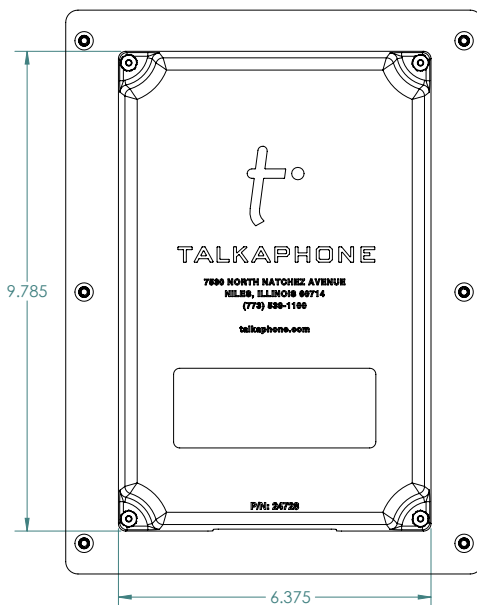
All dimensions are in inches and are provided for reference only.



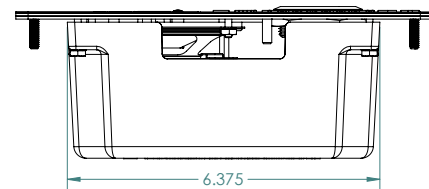
FRONT VIEW



SIDE VIEW



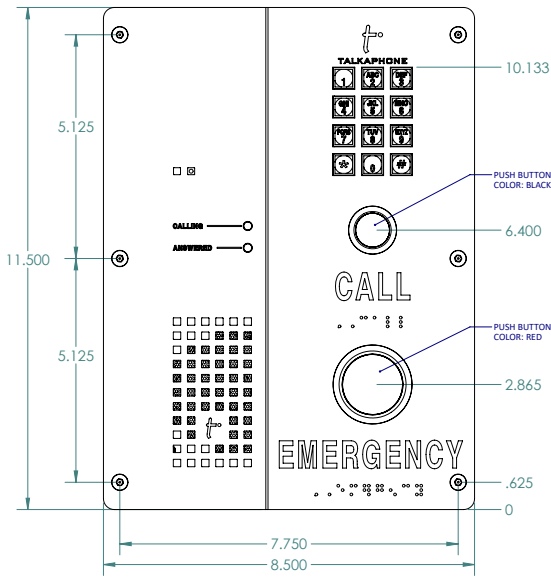
REAR VIEW



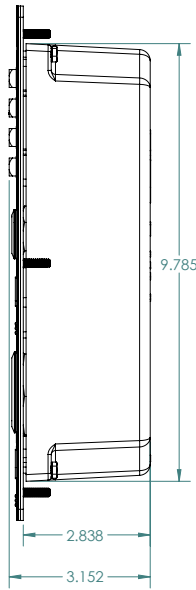
BOTTOM VIEW

DIMENSIONAL DRAWING – MODEL ETP-520ECK

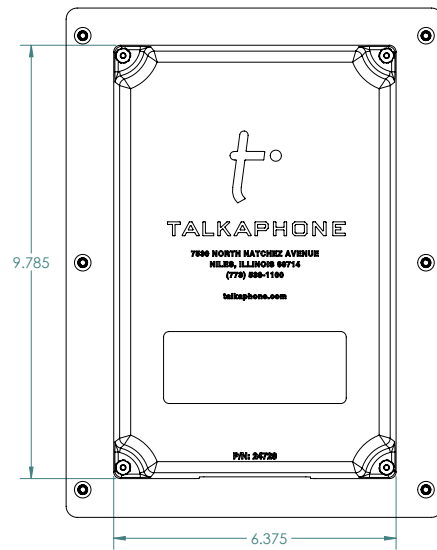
All dimensions are in inches and are provided for reference only.



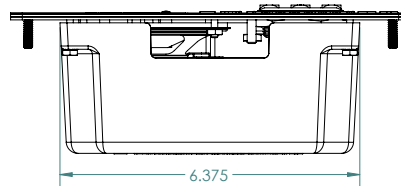
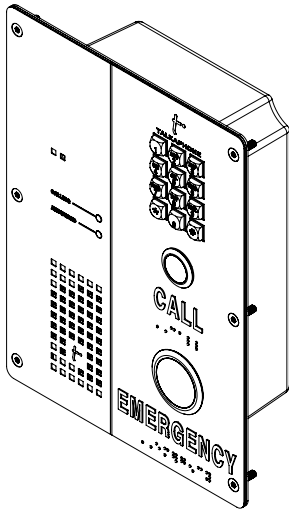
FRONT VIEW



SIDE VIEW



REAR VIEW



BOTTOM VIEW



Tel: 773-539-1100
 Email: info@talkaphone.com
 Web: www.talkaphone.com

7530 North Natchez Avenue
 Niles, Illinois 60714

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Estimate

EST-007412

Transportation Solutions & Lighting, Inc / NSS

980 North Federal Highway
Suite 110
Boca Raton, Florida 33432

Bill To

Village of Marvin

10006 Marvin School Road,
Marvin, NC 28173

Ship To

Village of Marvin
10006 Marvin School Road,
Marvin, NC 28173

Estimate Date : 06 Mar 2025

Expiry Date : 27 Apr 2025

Subject :

2 Blue Light Tower - Standard Configuration - Loaded With Self-Monitoring & all Knightscope Quality & Features.

#	Item & Description	Qty	Rate	Amount
1	Blue Light Emergency Tower SKU : TSLBLT Knightscope Flagship Design - Blue Light Emergency Tower Blue Light Tower Housing Including 45w Solar Panel, 40Ah Back-Up Battery with Area Light - 1 Button	2.00	9,999.00	19,998.00
2	Blue Light Tower Installation SKU : TSLCASEBLINST CASE - Blue Light Tower Installation - Complete Blue Light Tower installation. Full Concrete Bases - 36" Deep - 18" Round - 2" Above Grade per industry standards.	2.00	2,999.00	5,998.00
3	Blue Light Tower Foundation Kit SKU : TSLBLTFK Blue Light Tower Foundation Kit - Includes Custom Configured Rebar Kit -J- Bolts - SonoTubes - Concrete and all other materials.	2.00	499.00	998.00
4	E-Phone/Blue Light Tower Commissioning & Training SKU : TSLCASEBLUETRA E-Phone & Blue Light Full Setup, Support & Training LOT - INCLUDED - NO CHARGE	1.00	0.00	0.00
5	Monthly Data Plan - Unlimited - 4G/5G for Blue Light Tower & EPhone SKU : TSLMDPUBLTEP Monthly Data Plan for Knightscope Products - Includes unlimited calling and unlimited daily CaseAlerts, and remote monitoring and programming. 2 Towses x 12 months = 24 - (billed yearly)	24.00	30.00	720.00

Sub Total	27,714.00
Shipping charge	1,200.00
Total	\$28,914.00

Notes

From all of us at TS&L, thank you for the opportunity to be your Blue Light Tower supplier. We are a family-owned and operated and guarantee 100% customer satisfaction.

K1

BLUE LIGHT TOWER

OUTDOOR USE

Securing the places people work, study, live and visit.

- ▶ Schools
- ▶ Airports
- ▶ Casinos
- ▶ Commercial Properties
- ▶ Hospitals
- ▶ Public Parks and Trails
- ▶ Parking Lots
- ▶ Retail
- ▶ Public Transit Stations

UNIQUE BENEFITS

Engineered to be either hardwired or a completely wireless solution, the K1 Blue Light Tower is ideal for enhancing public security on college campuses, parking lots, transit stations, remote bike paths and trails, and any place where additional lighting and added safety and security are needed.

KEY FEATURES

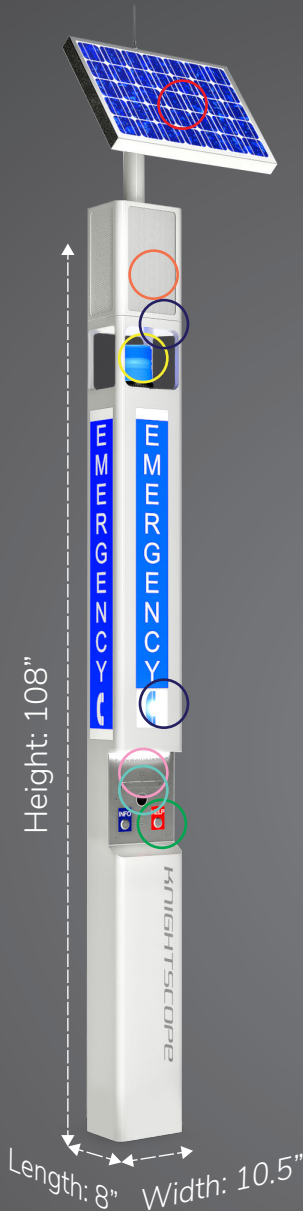
- ▶ Available in AC or Solar with battery back-up to provide uninterrupted power.
- ▶ Verizon® and AT&T® networked certified voice module
- ▶ The latest 4G certified voice module
- ▶ Weather-proof, tamper-proof steel housing protects the system's electronics insuring reliability and safety to the caller when needed
- ▶ Duplex Wireless Calling
- ▶ Highly visible blue LED light positioned on top of the tower provides constant blue light making it easy to locate
- ▶ Faceplate is illuminated dusk to dawn
- ▶ Area light illuminated when call button is pushed
- ▶ Call location identifier
- ▶ ADA-compliant
- ▶ Optional multi-button dialing
- ▶ Over-the-Air (OTA) System Administration and Maintenance



K1

BLUE LIGHT TOWER

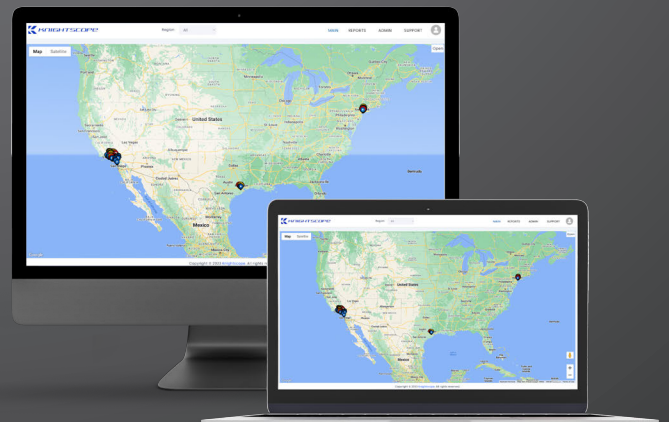
STATIONARY OUTDOOR USE



- Speakers
- Call Button
(Two button add-on option)
- Solar Power Source
- Mass Notification Speakers
(Add-On option)
- Strobe Light
- LED Area and Face Plate Lights
- Faceplate Camera
(Add-On option)

USER INTERFACE

Includes self-diagnostic, alarm monitoring software called **Knightscope Emergency Management System**. The program provides system owners daily email reports on the operational status of their system. Text messaging and real-time graphical map available as an add-on option. PART # - TSLBLTVZ







PR&G ACTION ITEM LIST				
Date	Item	Action Needed	Person Responsible	Status
2024				
7/9/2024	Light Pollution	Vice-Chair Culp will send Mr. Yow the light pollution information to share on the Village's website and to send to the HOAs.	Culp & Yow	In Progress
2025				
1/7/2025	Master Plan & Survey Review	Board Members will continue their review of the Parks and Greenways Master Plan and will consider questions for the next community survey.	PR&G Board	In Progress
2/4/2025	Survey Questions	Board Members will send their survey questions to Mr. Yow and Chair Castellucci.	PR&G Board	In Progress