

Posted on February 6, 2023 at: 17:15



## TOWN OF WIGGINS

### BOARD of TRUSTEES WORK SESSION

February 8, 2023 at 7:00 P.M.

304 CENTRAL AVENUE  
WIGGINS, CO 80654

**THE PUBLIC IS INVITED & ENCOURAGED TO ATTEND THE MEETING VIA ZOOM  
OR WATCH ON YOUTUBE IF THEY ARE UNABLE TO ATTEND MEETING IN PERSON**

**GO TO THE FOLLOWING SITE <https://us06web.zoom.us/j/88202736268> FOR THE MEETING LINK**

### WORK SESSION AGENDA

<u>AGENDA TOPIC</u>	<u>ESTIMATED TIME</u>
1. Discussion Regarding Flashing LED Pedestrian Crossing Sign at CR P	10 minutes
2. Discussion Regarding Town Snow Removal Policy	30 minutes
3. Other Items and Updates	10 minutes
4. Upcoming Board Meeting Agenda Topics	5 minutes
5. Future Work Session Topics	5 minutes

*The Board of Trustees may adjourn for a brief Special Meeting after the Work Session*



## **STAFF SUMMARY**

### **Board of Trustees Work Session February 8, 2023**

---

**DATE:** February 3, 2023

**AGENDA ITEM NUMBER:** 1

**TOPIC:** Discussion of Flashing LED Pedestrian Crossing Sign on County Road P

**STAFF MEMBER RESPONSIBLE:** Tom Acre, Town Manager

---

**BACKGROUND:**

The Board of Trustees and staff have previously discussed the need to install a push button activated flashing LED pedestrian crossing sign on County Road P near Main Street. This cross walk is used by children who walk to and from school from the apartments and the Kiowa Park subdivision located south of County Road P. The crosswalk is marked and signage is present, however a sign with flashing LED lights will add an additional level of safety to the crossing by alerting drivers when pedestrians are present.

Staff has contacted several vendors requesting quotes and specific product information with no response until recently.

**SUMMARY:**

Staff recently received a response directly from TAPCO, the manufacturer of a product that appears it may fill the Town's need to have a solar powered flashing LED pedestrian crossing sign that is push button activated from a bollard set back from the crosswalk. The quote provided by TAPCO includes an option to include a flashing pedestrian warning sign in advance of the crosswalk that is also activated when the crosswalk sign is activated. The quote for complete package is \$20,820 and the LED pedestrian crossing sign with push button bollard is \$13,340.

**FISCAL IMPACT:**

Approving this Resolution has no significant negative impact on the Town's adopted budget as an estimated cost for a LED flashing pedestrian sign was included as a capital improvement project in the budget. We have a cost savings for the digital sign at Town Hall that could make up the difference in actual cost versus the estimated cost.

**APPLICABILITY TO TOWN OBJECTIVES AND GOALS TO PROVIDE SERVICES:**

Installing a flashing LED pedestrian sign on County Road P enhances the safety of pedestrians including children crossing County Road P on their way to and from school.

**QUESTIONS/INFORMATION REQUESTED FROM THE BOARD OF TRUSTEES**

- Does the Board of Trustees have any questions of staff?
- Does the Board of Trustees want staff to move forward with the purchase of the flashing LED pedestrian crossing sign?



**Safe travels:**

Traffic and Parking Control Co., Inc.

5100 West Brown Deer Road

Brown Deer, Wisconsin 53223

Phone (800) 236-0112 • TAPCOnet.com • Fax (800) 444-0331

**SALES QUOTE**

**Customer Copy**

Number	Q22020824
Date	1/11/2023
Page	1

Sell To Cust. C98719	Town of Wiggins Tom Acre 304 E. Central Ave. WIGGINS, CO 80654 USA			Ship To Cust.	Town of Wiggins Tom Acre 304 E. Central Ave. WIGGINS, CO 80654 USA		
Customer PO #		Expires	Slsp	Terms		Freight	Ship Via
		2/17/2023	Dave Donovan	Net 30 DAYS		PREPAID	BEST RATE

Item	Description	Quantity	UM	Price	Extension
	Crosswalk - 65W Solar, DS RRFB, 36" W11-2 & 24" Arrows, Bulldog PB, 4' Bollards, 4.5" Poles and 2x 30W Solar, 30" FYG W11-2 Blinkersigns, Advance Warnings on 2-7/8" Poles:				
500029	Crosswalk with Bollards- Controller, 12V, 108045, Hollow, Radio	2	EA	1,800.00	\$3,600.00
142048	Universal Cabinet Mounting Bracket, SOP Cabinets 108766, 108045, 120652, Includes U-Bolt Hardware	2	EA	150.00	\$300.00
SLR-55-B	65W/12V Solar Panel Package, Top Of Pole Mount 4.5 Dia.	2	EA	500.00	\$1,000.00
101494	Battery, Universal battery, Solar 12V 50Ah AGM UB12500 - Internal Thread	2	EA	275.00	\$550.00
138089	RRFB, Dimmable, Assembly with Universal Mounting Kit	4	EA	475.00	\$1,900.00
101620	Push Button Bulldog Add-On Option Kit Yellow, With LED	4	KT	200.00	\$800.00
129066	Bollard Pole Package, 4', 4.5" OD, 18" J-Bolts Includes: Pole, Base, J-Bolts & Cap	2	EA	700.00	\$1,400.00
373-4	Standard Aluminum 4 feet, Schedule 80, 4.5" OD	2	Each		
203-00014	Base, Aluminum Square Pedestal, No Paint	2	Each		
203-00010	Cap, 4.5" OD Pole, Raw, 4C Signal	2	Each		
111644	J-Bolt, 3/4"W x 17"L, with 1 Nut and 1 Washer	8	Each		
144081-50	Cable, Bulk, 2C 18AWG Red/Blk, UL Rated, 50 foot pre-cut length	1	EA	50.00	\$50.00

Shipment within \_\_\_\_\_  
 Acceptance By \_\_\_\_\_  
 Date \_\_\_\_\_  
 By \_\_\_\_\_

Merchandise	Freight	Tax	Total
\$20,820.00	\$0.00	\$0.00	\$20,820.00

All prices are listed in **US Dollars (USD)**

For terms and conditions, please visit: <https://www.tapconet.com/terms-conditions>



**Safe travels:**

Traffic and Parking Control Co., Inc.

5100 West Brown Deer Road

Brown Deer, Wisconsin 53223

Phone (800) 236-0112 • TAPCOnet.com • Fax (800) 444-0331

## SALES QUOTE

### Customer Copy

Number	Q22020824
Date	1/11/2023
Page	2

Sell To Cust. C98719	Town of Wiggins Tom Acre 304 E. Central Ave. WIGGINS, CO 80654 USA			Ship To Cust.	Town of Wiggins Tom Acre 304 E. Central Ave. WIGGINS, CO 80654 USA	
Customer PO #		Expires	Slsp	Terms	Freight	Ship Via
		2/17/2023	Dave Donovan	Net 30 DAYS	PREPAID	BEST RATE

Item	Description	Quantity	UM	Price	Extension
105452	W11-2,36"x36"x.080 DG3 FY Pedestrian Crossing	4	EA	225.00	\$900.00
373-05061	W16-7PR,24"x12"x.080 DG3 FY,Down Diagonal Right Arrow	2	EA	50.00	\$100.00
373-05060	W16-7PL,24"x12"x.080 DG3 FY,Down Diagonal Left Arrow	2	EA	50.00	\$100.00
101919	Pole Package, 13', 4.5" OD, 42" J-Bolts Includes: Pole, Base,J-Bolts	2	EA	1,100.00	\$2,200.00
373-13	Standard Aluminum Pole, 13' Schedule 40	2	Each		
203-00014	Base,Aluminum Square Pedestal, No Paint	2	Each		
3177-00042	J-Bolt,1"x 42"+4" ATSM F1554 GR-105 92k	8	Each		
030-00006	Washer Flat 1-1/16"ID x2.5OD"x.125" Galvanized	8	Each		
109482	Collar Assembly, Square Base, Aluminum,Wind Collar PB-5325	2	EA	150.00	\$300.00
107265	Sign Mounting Kit, Banded, Flared Leg, Standard For Mounting B2B Static Signs to a Large Pole	4	EA	35.00	\$140.00
	Advance Warnings-				
500146	Controller, 12V, 136921, Radio, 30/44, No Pushbutton	2	EA	1,800.00	\$3,600.00
2180-00214DF	BlinkerSign, W11-2, 30", Ped Xing, DG3, FYG, Direct Fire, 8 Amb LEDs	2	EA	1,100.00	\$2,200.00
373-01115	W16-9P,24"x12"x.080 DG3 FY,Ahead	2	EA	50.00	\$100.00
129231	Post Assembly, Triangular Slip Base Kit w/ 2-7/8"x12' Round Galvanized Post, Schedule 10	2	EA	700.00	\$1,400.00
139914	Sign Mounting Kit, Z-Bracket, 3", Anti-Vandal, Mounts One Blinker or Static Sign to 3" OD Pole	4	EA	45.00	\$180.00

Furnish only quote. Installation is not included.

Shipment within \_\_\_\_\_  
Acceptance By \_\_\_\_\_  
Date \_\_\_\_\_  
By \_\_\_\_\_

Merchandise	Freight	Tax	Total
\$20,820.00	\$0.00	\$0.00	\$20,820.00

All prices are listed in **US Dollars (USD)**

For terms and conditions, please visit: <https://www.tapconet.com/terms-conditions>



Safe travels:

Traffic and Parking Control Co., Inc.

5100 West Brown Deer Road

Brown Deer, Wisconsin 53223

Phone (800) 236-0112 • TAPCOnet.com • Fax (800) 444-0331

SALES QUOTE

Customer Copy

Number	Q22020824
Date	1/11/2023
Page	3

Sell To Cust. C98719	Town of Wiggins Tom Acre 304 E. Central Ave. WIGGINS, CO 80654 USA			Ship To Cust.	Town of Wiggins Tom Acre 304 E. Central Ave. WIGGINS, CO 80654 USA	
Customer PO #		Expires	Slsp	Terms	Freight	Ship Via
		2/17/2023	Dave Donovan	Net 30 DAYS	PREPAID	BEST RATE

Item	Description	Quantity	UM	Price	Extension
	Solar powered equipment requires no shading or obstructions				
	TAPCO will make every effort to ship all systems in normal process; however, as a result of global supply chain constraints some components might be impacted by extended lead times.				

Shipment within \_\_\_\_\_  
Acceptance By \_\_\_\_\_  
Date \_\_\_\_\_  
By \_\_\_\_\_

Merchandise	Freight	Tax	Total
\$20,820.00	\$0.00	\$0.00	\$20,820.00

All prices are listed in **US Dollars (USD)**

For terms and conditions, please visit: <https://www.tapconet.com/terms-conditions>



## RRFB Pedestrian Crosswalk System Installation Guide

For systems employing:

- Solar-Power
- Side-of-Pole control cabinet

# Wireless Push Button Bollard

## Installation Guide UG-14064243 Rev C

Note: This page provides basic installation steps for a Wireless Push Button Bollard, in the optimal order of assembly. The Table of Contents on the next page outlines detailed assembly instructions.

Other Guides and info are available on the TAPCO Partner Portal at: <https://www.tapconet.com/account/register>

### QUICK-START ASSEMBLY INSTRUCTIONS

1. Prepare Site
2. Thread Bollard onto Base (typically shipped assembled)
3. Mount Components Onto Bollard
4. Mount Assembly Onto J-Bolts
5. Synchronize Traffic Device System Radios
6. Synchronize Push Button Bollard Radios
7. Test Bollard Batteries\*
8. Replace Bollard Battery\*

\*Optional testing and maintenance procedures

Note: Standard BlinkerBeam® radios will not function with Push Button Bollards' low-power BlinkerBeam® radios.

If incorporating bollards into existing systems, Standard radios must be replaced with low-power radios.

**Radio type can be determined only by its label:**

Push Button Bollard's Low-power radio label has a yellow inset that reads 'Low Power Sensor Radio' (Figure 1).

A Traffic Device's Low-power radio label has a yellow inset that reads 'Low Power Sign Radio' (Figure 2).

So if there is no 'Low Power...' label, radio must be replaced.



**Figure 1: Bollard's Low Power Radio Label**



**Figure 2: Traffic Device's Low Power Radio Label**



**Figure 3: Standard BlinkerBeam® Radio\* Example (varies)**