FLASHING BEACON INSTALLATION APPLICATION/PERMIT

DT1877 6/2010 s.86.19(3) Wis. Stats.

Wisconsin Department of Transportation

Submit application in triplicate to Wisconsin Department of Transportation, Regional office.
Make separate application for each flasher or associated pair of flashers desired.
See conditions for installation of flashing beacon on next page(s).

Applicant - Municipality	Unit of Government (County, Town, City, Village)
Village of Sauk City c/o Vicki Breunig	Village

Mailing Address	Date
726 Water St.	06/29/2017

Name of 24/7 Emergency Contact	Contact Area Code – Telephone Number	Cell or Pager Number
Marv Dolphin	608-643-3932	608-963-8707

Description of Beacon

	Incandescent	LED *
Red	☐ 165 w	☐
Yellow	☐ 116 w	☒
RRFB Yellow	☒ Solar LED BSS w for Sauk City ☐ Hardware LED w	

- ☐ Single
- ☒ Pair-as separate installation
- ☐ Pair-as same installation for school speed limit signs only
- ☐ Single RRFB Indication
- ☐ Dual RRFB Indication

Mounting Height: 16 Feet

Lateral Setback: 2 Feet From
- ☐ Edge of Pavement
- ☒ Face or Top of Curb

* If LED indications are used, they shall have an equivalent output to incandescent indications.

Location of Beacon	Facing	Reference to intersection, corporate limit, etc.
USH 12/ Phillips Blvd	☐ N ☐ S ☒ E ☒ W	At east side of intersection of USH 12 and Dallas Street

Associated Sign

☐ Stop ☐ Warning ☐ Speed Limit ☐ School ☒ Other W11-15 & W16-7

Reason for Erecting Beacon

Great Sauk State Trail Crossing

Application is made for permission to install a flashing beacon as described above. It is understood and agreed that the design, installation and operation of the flashing beacon will comply with the regulations of the Wisconsin Department of Transportation, the State Electrical Code, local ordinances and regulations, as well as specific conditions stated on the next page(s).

The undersigned certifies that he/she is authorized to sign this application on behalf of the named unit of government.

Vicki Breunig 7/3/17
(Authorized Representative) (Date)

Village Administrator
(Title)

PERMIT APPROVAL

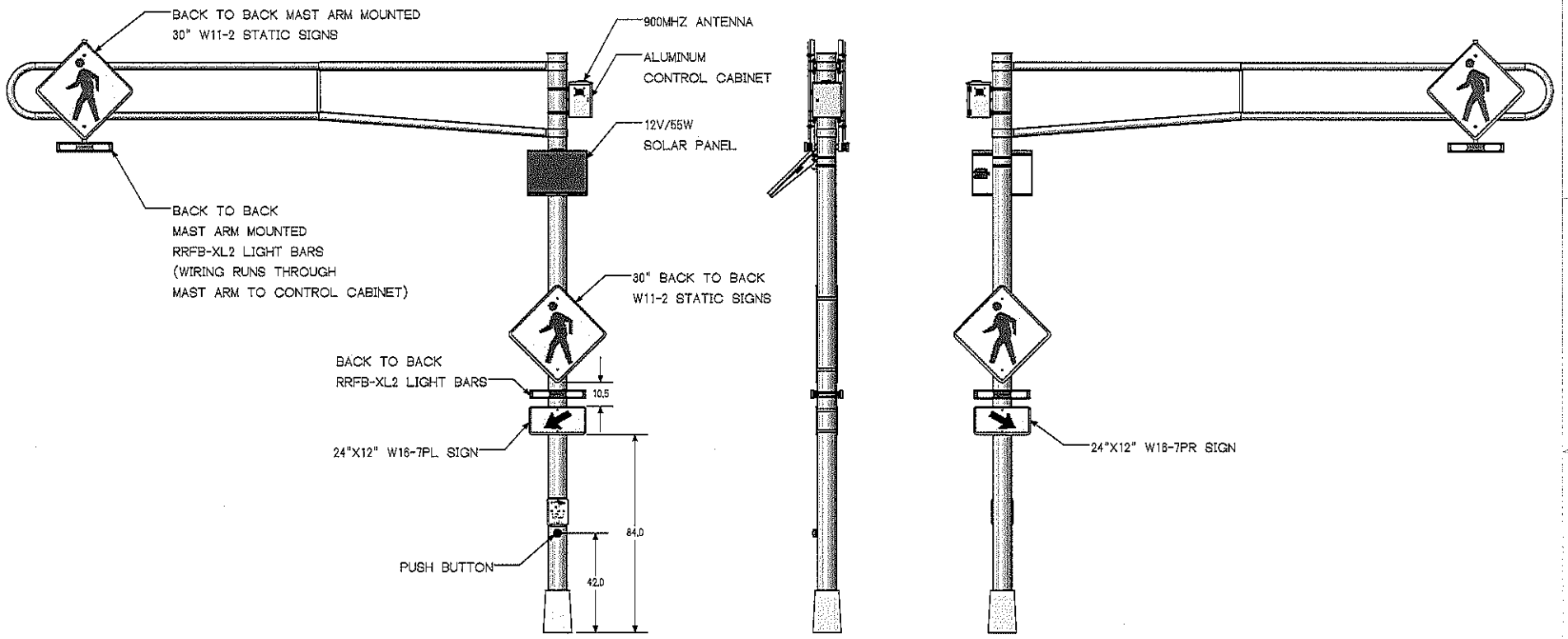
Permission is granted for the installation described above in compliance with the conditions specified.

Permit Number	Date Issued	Approved for Wisconsin Department of Transportation
FB- RRFB-56-17-02	7/25/17	X _____ 7/25/17 (Traffic Engineer) (Date)

CONDITIONS FOR INSTALLATION OF FLASHING BEACON

1. WisDOT's policy on *Beacons, General Provisions* per TGM 4-5-1 is made part of this policy (copy attached).
2. The design, installation and operation of the flashing beacon shall comply with, the state Electrical Code, Chapter 4L of the Wisconsin Manual on Uniform Traffic Control Devices, FHWA's July 16, 2008 Interim Approval Memo (IA-11) for Rectangular Rapid Flashing Beacons (RRFBs), and local ordinances and regulations.
3. During the installation and subsequent maintenance, the permittee shall follow all pertinent provisions for work zone traffic control provided in Part 6 of the Wisconsin Manual of Uniform Traffic Control Devices.
4. The beacon may be mounted on a post, pole, or other suitable rigid support. The supports shall be outside of the curb line or on rural type highways at or beyond the shoulder line.
5. The beacon shall be mounted on the same support as the sign that it is to supplement.
6. The beacon lens shall have a diameter of 12", unless an RRFB or otherwise approved by the Department.
7. The support for the beacon shall be so designed and constructed that the associated sign specified may be erected on the same support immediately below the beacon, except in the case of an RRFB. For an RRFB, the associated sign should be mounted above the beacon. The beacon shall be maintained in proper working order and condition.
8. The permittee shall maintain the equipment in proper working order, and coordinate the installation with other right-of-way users (i.e., utilities, adjacent property owners, etc.). If not already, the permittee shall become a member of Diggers Hotline. Failure to do so will result in permit revocation.
9. It is the responsibility of the permittee to maintain locational information or locating flashing beacon facilities in the field for the purposes of avoiding utility conflicts.
10. All costs of design, installation, operation, maintenance and relocation or removal of flashing beacons installations due to road construction shall be the responsibility of the permittee.
11. It is the responsibility of the permittee to identify upcoming highway improvement projects that will affect flashing beacon installations and appropriately coordinate with WisDOT staff. WisDOT will not participate in sharing costs related to removal or relocation of flashing beacon facilities due to improvement projects.
12. The permit may be revoked upon notice in writing for failure to comply with these conditions, or upon a finding by the Department that the continued operation of the flashing beacon is not warranted.
13. The final location of the flashing beacon shall have the approval of the Traffic Engineer or his authorized representative.
14. At schools or school crossings, unless an RRFB is installed, the installation shall be equipped with an automatic time switch which shall cause the flashing beacon to operate only during the following periods:
    a. For three-quarters of an hour before school begins in the morning;
    b. Between the end of the morning and the beginning of the afternoon session;
    c. For three-quarters of an hour after the end of the afternoon session.
    d. The beacon shall operate only on school days and arrangements shall be made so that the beacon will not operate on holidays.
15. A concrete base, if used, shall not extend more than four (4) inches above ground level at any point.
16. Subsequent maintenance of In-Roadway Lights that require the permittee to access public right-of-way *may* require a Work on Highway Right-of-Way Permit (DT1812). Should any of these selected maintenance activities encroach in the STH traveled way, or if activities impact the free flow of traffic on the STH highway (closure of a travel lane, diversion of traffic, etc.), a permit shall first be obtained from the Department. The following are examples of work, which does not require a permit:
    a. Buried cable locates and facility marking.
    b. Reading electrical service meters.
    c. Repair to electrical service.
    d. Land surveys.
    e. Controller programming.
    f. Connect and test wiring of cable at pull box and pedestal locations.
    g. Pedestal base, standard, bracket, and hardware repair/replacement.
    h. Remove debris from warning devices.
    i. Repair cable bonding or grounds.
    j. Visual condition surveys.
    k. Trim trees or remove brush for vision of warning devices.
    l. Fuse replacement.
    m. Replace overhead highway lighting lamps and cleaning glass.
    n. Repair or replace outdoor lighting control.
    o. Reset time clock or control switches.
    p. Replace equipment tags or identifiers.
    q. Minor repair of electrical cable (splices, etc.).
17. Other conditions: ☐ ☐No ☐ Yes – Specify below:

REVISIONS				
REV.	DESCRIPTION	DATE	PCN #	AUTHOR/APPROVED
A	RELEASED FOR SALES SUBMITTAL	2/17/2016	N/A	AK/JP



NOTES:

1. ORIENT SOLAR PANEL TOWARDS SOUTHERN SKY FOR MAXIMUM SOLAR EXPOSURE
2. CONTROL CABINET HEIGHT MAY VARY.
3. SNAP LOCKS ARE PROVIDED, STANDARD 3/4" S/S BANDING IS RECOMMENDED

TAPCO®
TRAFFIC & PARKING CONTROL CO., INC.

[PRELIMINERDRGS]TAPCO IN HOUSE ENGINEERING\DRAWINGS\DETAILED DRAWINGS (2TE-XXX)\NATIVE FORMAT (SYSTEM-SOLIDWORKS)

MATERIAL		INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2009
FINISH		REFERENCE: ETO16-00659

TOLERANCE UNLESS OTHERWISE SPECIFIED
HOLE Ø ±.003

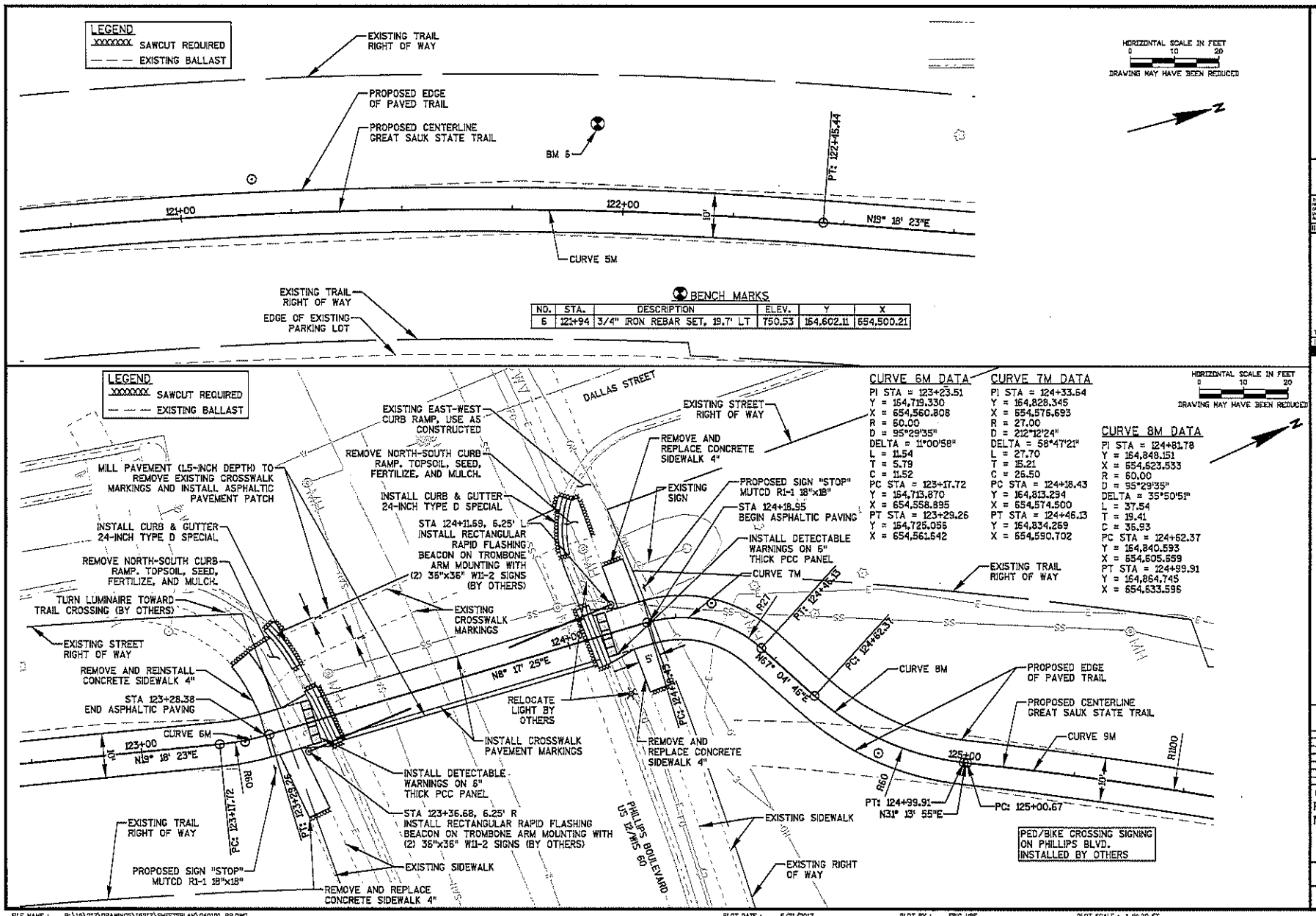
DEC.	MM	INCH
X	±2.540	±0.100
XX	±0.762	±0.030
XXX	±0.381	±0.015
XXXX	±0.0127	±0.0005
ANGULAR	±0.5°	

TITLE:
12V 55W SOLAR BACK TO BACK RRFB-XL2 PED CROSSING MAST ARM ARRANGEMENT, PUSH BUTTON ACTIVATED

STORAGE SIZE:

DESIGNED BY:		
DRAWN BY:	A. KAVANAUGH	2/17/2016
CHECKED BY:	J. PATTERSON	2/17/2016

SIZE: B | DWG. NO.: 2TE-665 | REV: A | WEIGHT: | SCALE: 1:42 | SHEET 1 OF 1



JEWELL associates engineers, inc.
Engineers - Surveyors - Architects
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IIW, P.C.
ARCHITECTURE
CIVIL ENGINEERING
CONSTRUCTION SERVICES
ENVIRONMENTAL ENGINEERING
LAND SURVEYING
MUNICIPAL ENGINEERING
STRUCTURAL ENGINEERING
TRANSPORTATION ENGINEERING
INTEGRITY EXPERTISE SOLUTIONS

Great Sauk State Trail
Prairie Du Sac/Sauk City Unit
Sauk County, Wisconsin

Date: 6/21/2017

Date	Revision

Drawing Name: Plan Views Mainline Trail

Sheet Number: C6.4

Project Number: 16217

FILE NAME : P:\16\217\DRAWINGS\16217\SHEETSPLAN\040101_PP.DWG
LAYOUT : C6.4 PLAN VIEWS
PLOT DATE : 6/21/2017
PLOT TIME : 9:30:11 PM
PLOT BY : ERIC URE
PLOT SCALE : 1 IN: 20 FT