

 doc10150420170127080137

1/27/2017 8:08 AM

Adobe Acrobat D...

1,571 KB

DATE: 1/20/2017

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 4

BID NO.: 56-00118746

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

VENDOR:

BUYER: MOVALLE

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work is to be done in a workman-like manner, according to standard practices. Any deviations or alterations from the specifications must be indicated and backup documentation supplied with your quotation.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

45 days

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____
NUMBER: _____
NUMBER: _____
NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: <u>Temple Inc.</u>	
SIGNATURE: <u>Wes Prater</u> (Must be signed here)	TITLE: <u>Sales Support</u>
PRINT OR TYPE NAME: <u>Wes Prater</u>	
ADDRESS: <u>305 Bank St. SE</u>	
CITY, STATE: <u>Decatur, AL</u>	ZIP: <u>35601</u>
TELEPHONE: <u>(256) 353-3820</u>	FAX: <u>(256) 353-4576</u>
EMAIL ADDRESS: <u>wes.prater@temple-inc.com</u>	

TOTAL PRICE OF ALL BID ITEMS: \$ 8,630⁰⁰

DATE: 1/20/2017

Page: 5

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.. 50-00118746

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	2.00	EA	<p>A ONE-TIME PURCHASE OF RECTANGULAR RAPID FLASHING BEACONS FOR THE JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION</p> <p>0001 - CARMANAH R920 RRF8 RECTANGULAR RAPID FLASHING BEACON ASSEMBLY OR APPROVED EQUAL</p> <p>ASSEMBLY INCLUDES ALL NECESSARY EQUIPMENT AND INSTALLATION HARDWARE REQUIRED FOR TWO UNI-DIRECTIONAL, SOLAR POWERED, PUSH BUTTON ACTIVATED RAPID FLASHING BEACONS</p> <p>THE BEACONS, SOLAR PANEL AND ALL NECESSARY ENERGY SYSTEMS SHALL BE EQUIPPED WITH REQUIRED BRACKETS AND MOUNTING HARDWARE FOR 4-1/2" O.D. PEDESTAL POST MOUNT</p> <p>EACH SIGN WILL REQUIRE ONE (1) MEDIUM DUTY FOUNDATION ANCHOR ASSEMBLY FOR A TOTAL OF TWO (2). PELCO PART NUMBER PB-S372-GLV OR APPROVED EQUAL</p> <p>BEACONS TO BE INSTALLED BY THE JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION</p> <p>SPECIFICATIONS ATTACHED</p>	#4,315 ⁰⁰	#8,630 ⁰⁰



carmanah®
we put solar to work

R920^{SERIES}

Pedestrian-actuated warning system for uncontrolled marked crosswalks

RRFBs have been found to provide vehicle yielding rates between 72 and 96 percent for crosswalk applications, including 4 lane roadways with average daily traffic (ADT) exceeding 12,000*.

Superior Design and Technology

The R920 utilizes a self-contained solar engine integrating the energy management system with an on-board user interface, housed in a compact enclosure together with the batteries and solar panel. In low light conditions, the ambient auto-adjust option provides over-lighting protection and system efficiency, while still meeting MUTCD light intensity requirements.

Easy Installation

With its highly efficient and compact design, installation is quick and uncomplicated, dramatically reducing installation costs. Retro-fitting can be done where existing sign bases are used to enhance existing marked crosswalks in minutes, and new installations can be completed without the cost of larger poles and bases.

Advanced User-Interface

The R920 is the first RRFB with an on-board user interface and display for quick configuration and status monitoring. It allows for simple in-the-field set-up adjustment to flash duration, ambient settings, and night intensity. Settings are broadcasted automatically to all units in the system.

Reliable

Designed with Carmanah's industry leading solar modeling tools to provide dependable year-after-year operation.

Trusted

With thousands of installations in the field, Carmanah solar beacons and solar LED lights have become the benchmark in traffic applications and other transportation applications worldwide.

The R920 is the benchmark for Rectangular Rapid Flashing Beacons (RRFBs):

- Ultra-efficient optical and Energy Management System (EMS)
- Compact design to simplify installation
- Proven technology platform
- Exceeds FHWA standards



Carmanah is backed by a worldwide network of distribution partners.

REPRESENTED IN YOUR REGION BY:



Smart Growth America
Promoting Smart Growth, Healthy Communities



NATIONAL
TRANSPORTATION BUILDERS ACT
COALITION



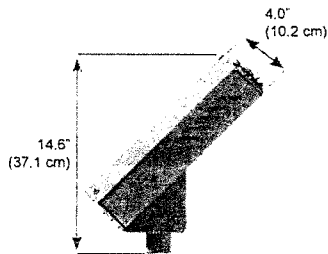
America Walks
Promoting Safe, Healthy, Active Communities



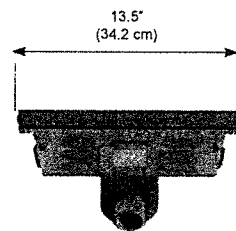
* U.S. Department of Transportation Federal Highways Administration, Publication No. FHWA-HRT-10-043 - Effects of Yellow Rectangular Rapid-Flashing Beacons on Yielding at Multilane Uncontrolled Crosswalks

DIMENSIONS

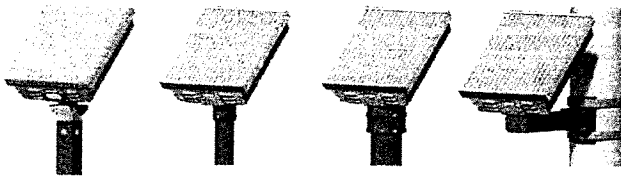
Side View



Bottom View

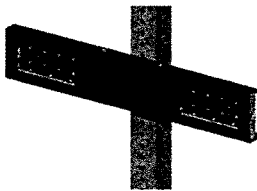


MOUNTING OPTIONS

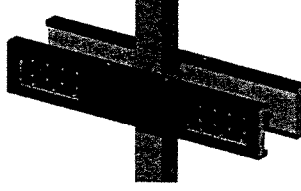
2.0" - 2.5" Perforated
Square Post Mount2.38" - 2.88" Diameter
Round Post Mount4.0" - 4.5" Diameter
Round Post MountSide Post
Mount

SYSTEM CONFIGURATION

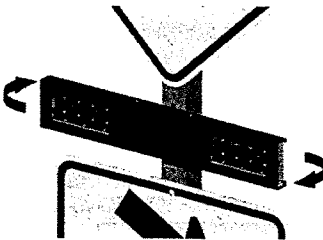
Uni-directional Configuration



Bi-directional Configuration



IN THE FIELD AIMING



Rotate the lightbar towards the incoming vehicle lane, independent of the wire hole location.

RRFB CAPACITY CALCULATOR

Calculate the performance of our Rectangular Rapid Flashing Beacon in your location with our RRFB Capacity Calculator.

carmanah.com/RRFB-calculator



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

US Patent No. 8,573,559. Other patents pending. "Carmanah" and Carmanah logo are trademarks of Carmanah Technologies Corp.

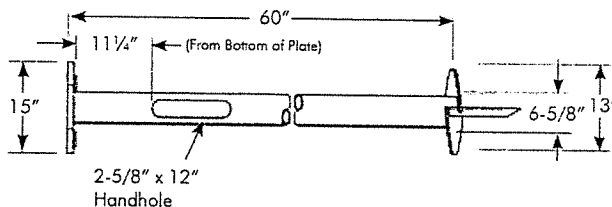
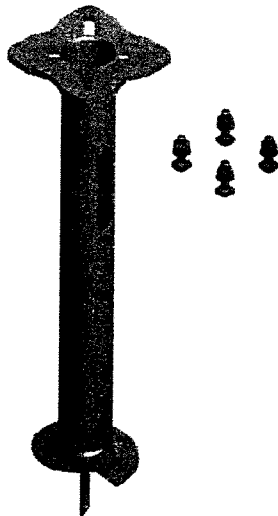
© 2014 Carmanah Technologies Corp.
Document: SPC_TRAF_R920_REV0

R920_{SERIES}

On-Board User Interface (OBU)	Adjustable, auto-scrolling LED display
	Field-configurable flash duration to one second increment
	Ambient auto-adjust configuration
	Night dimming configuration
	Wireless update of configurable settings from any unit to all systems
	Channel selection
	System test, status and fault detection
Optical	Activation data reporting
	MUTCD IA-11 compliant flash pattern
	3" x 7" amber LED indications
	Side emitting pedestrian confirmation lights
	Exceeds SAE J595 class 1 Intensity
Energy Collection	Meets SAE J578 chromaticity
	High-power LEDs meets 90% lumen maintenance (L90) based on IES LM-80
	10 watt high-efficiency photovoltaic cell with blocking diodes
	Maximum power point tracking with temperature compensation (MPPT-TC) for optimal energy collection in all solar conditions
	Replaceable, recyclable best in-class 12V dual battery system (sealed, maintenance-free)
Energy Storage	Designed for minimum 5 year battery life
	Lightweight for ease of handling
	Quick connect terminals and strapping for efficient installation
	Weatherproof, vented solar engine enclosure for ambient air transfer (NEMA 3R)
Solar Engine Construction	Hinged access lid for access to on-board user interface and batteries
	Compact, lightweight aluminum housing
	Top of pole mounting to standard 2" sign posts and 4" poles; side of pole mounting to standard 4" poles
	Pre-wired assembly designed to minimize installation time
	Weight: 19.8 lb (9 kg) including batteries, excluding light bars and push button
Lightbar Construction	Premium, UV-resistant polycarbonate lens
	Two-piece mounting bracket to facilitate mounting back-to-back lightbars
	Horizontal rotation adjustment for in-the-field aiming of lightbar
Operating Performance	Dimensions: 24" L x 1.5" W x 4.5" H (61.0 cm L x 3.8 cm W x 11.4 cm H)
	Rated for 300, 20 second activations per day, year-round operation with a minimum of 0.94 sun hours
	Wireless activation within 150 mS
Warranty	Wireless range of 500 ft (152 m)
	3-year limited warranty

Medium Foundation Anchor Assy, 6" Sch 40 x 5'-0" 10" to 15" Bolt Circle, 1"-8NC Hardware

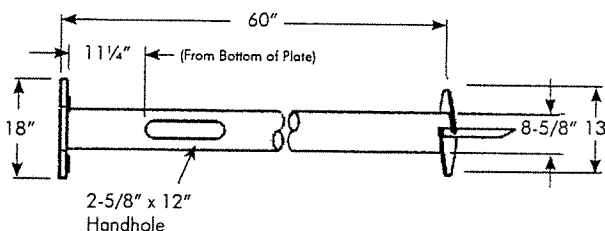
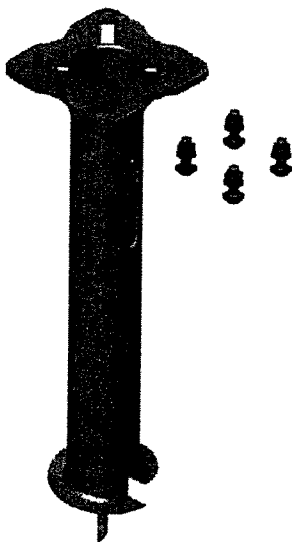
PB-5372-GLV



Pelco's foundation anchors feature a top plate which enables the bolt head to be inserted after the anchor is in place. This eliminates the necessity of digging under the plate to install base bolts. Plate scrapers loosen the soil for easy bolt installation from top of the plate. The square head bolts are held in place by the plate scrapers, which prevent them from turning. For residential lights, parking lots, and street lights. Typically for poles ranging from 20'-30' in height (wt. 167 lbs)

Heavy Duty Foundation Anchor Assy, 8" Sch 40 x 5'-0" 13" to 18" Bolt Circle, 1-1/4"-7NC Hardware

PB-5375-GLV



Pelco's foundation anchors feature a top plate which enables the bolt head to be inserted after the anchor is in place. This eliminates the necessity of digging under the plate to install base bolts. Plate scrapers loosen the soil for easy bolt installation from top of the plate. The square head bolts are held in place by the plate scrapers, which prevent them from turning. For street and highway lighting. Typically for poles ranging from 30'-40' in height (wt. 239 lbs)

- Note: 1. Foundation anchors are hot dip galvanized per ASTM A123.
2. All assemblies are supplied with Grade 5 Galvanized Bolts.
3. All assemblies with hardware are bagged in a nylon weatherproof bag.