



CITY OF BANGOR

**Request for Proposals
Pickering Square Improvements
Proposal No. P24-43**

**Purchasing Department
262 Harlow Street
Bangor, Maine 04401
207-992-4282**

Addendum Issue Date: March 25, 2024

Addendum No. 1 Attachments:

- Pre-bid meeting minutes.
- Pre-bid sign in sheet.
- Cut sheet for decorative light.
- Revised detail sheet D2.

All other terms, conditions and specifications remain the same. Please acknowledge this addendum by signing the acknowledgement below and returning this page with your bid. If you have already submitted a bid and would like to make a change reflecting this addendum, you may request in writing your bid be returned to you.

The following Addendum(s) is/are hereby acknowledged:

Pickering Square Improvements RFP – Addendum No. 1 - Issued March 25, 2024

Business Name

Name (print or type)

Signature

Pickering Square Improvements

Pre-Bid Meeting

Tuesday, March 19, 2024 11:00 a.m.

(Sign in Sheet)

Comments Engineer

Site and Landscape Work

- Demo includes removing existing pavement/concrete surfaces. Removing existing lighting and curb (stockpiled on site) and also removing existing sod and stockpiling loam.
- The proposed work includes installing new sidewalk and plaza pavers. Installing new amenities (multiple seating options, decorative lighting, art display kiosks, etc.) Proposed work also includes landscaping, drainage and electrical improvements.

Housekeeping

- Traffic impacts need to be coordinated with Public Works and the Engineering Department. All traffic control shall conform to the MUTCD.
- Transit Center and pedestrian access must be maintained (including to parking garage). Designated sidewalk will need to be laid out with proper signage.
- Laydown area most likely will be behind garage. Existing lawn area can be used also. Parking garage has a repair project that will be happening at same time.
- All contractors and subcontractors are hereby notified that the City of Bangor has entered into a Consent Decree with the United States and the State of Maine. For the purposes of the Consent Decree, contractors and subcontractors are deemed agents of the City. Any and all work performed by contractors and subcontractors must conform with the terms of the Consent Decree. Contractors must familiarize themselves with the contents of the document and must make the document available to all subcontractors. This document is available electronically at http://www.bangormaine.gov/filestorage/318/350/7758/ENV_ENFORCEMENT.PDF or in hard-copy in the City of Bangor's Engineering Department.

Timeline

- Completion Date: **October 31, 2024**
- Bid Opening: **Wednesday, April 10, 2024, 2:00** Label Bid “**P24-43: Pickering Square Improvements**”

Submission of documents and/or flash drive can be completed by:

A. **Emailing** to bids@bangormaine.gov ; or

B. **Hand Deliver** to 262 Harlow Street, Bangor, ME (back entrance of building at City of Bangor entrance); or

C. **US Post Office** addressed to 73 Harlow Street, Purchasing Department, Bangor, ME 04401; or

D. **All Other Delivery Services** addressed to 262 Harlow Street, City of Bangor, Bangor, ME 04401.

- All questions must be submitted in writing to bids@bangormaine.gov, no later than **Friday, March 22, 4:30 p.m.** All questions and answers will be issued in the form of an addendum.
- Decorative light labeled on detail is not produced anymore. Revised decorative light detail and cut sheet will be provided in Addendum #1.

Pickering Square Improvements

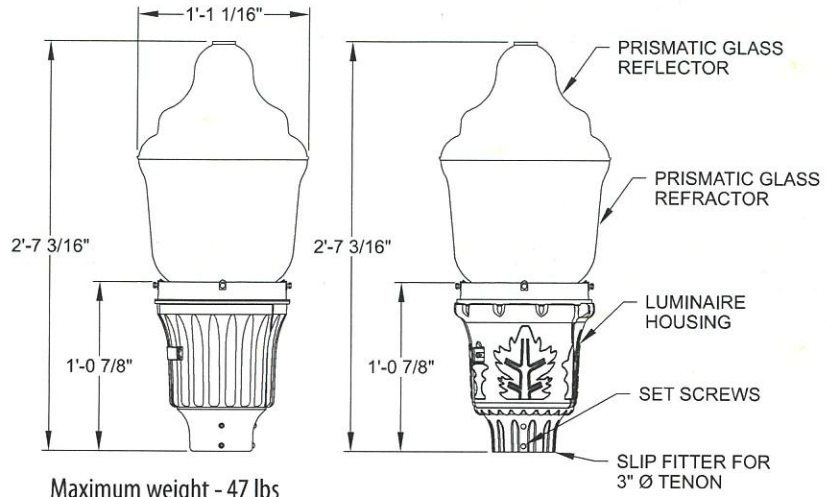
Pre Bid Meeting: Tuesday, March 19, 2024 11:00 a.m.

	Attendee Name:	Company:	Phone:	Email:
1	Tyler LaBlanc	Street's Landscape	207-419-6841	Tyler @ Streetslandscape.com
2	Jeremy Phillips	Phillips Lawn & Landscape	207-460-1322	Jeremy @ Phillipslawnandlandscapeinc
3	Cam Lynch	C+L Lynch Excavation	207-632-7159	Cameron @ celyndere.com
4	James Van Heest	Huestes Bros Inc.	207-478-2019	VanHeest @ HuestesBrosInc.com
5	Jeff Davis	City of Bangor	992-4244	Jefferson.davis @ bangormaine.gov
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Catalog Number	
Notes	Type



* Shown with MS Housing



Maximum weight - 47 lbs

Maximum effective projected area - 1.38 sq. ft.

GVD3

Granville Classic Utility LED3



SPECIFICATIONS

General Description

The Granville Classic Utility LED3 is designed for ease of maintenance with the plug-in electrical module common to each of the luminaires in Holophane's Utility Luminaire Series. The traditional acorn-shaped luminaire, while reminiscent of the 1920's, contains a powerful, stalk-mounted Chip-On-Board LED platform with a precision optical system that maximizes post spacings while maintaining uniform illumination.

Mechanical Specifications

The luminaire housing shall:

- Be heavy grade A360 cast aluminum (aluminum with <1% copper)
- IP55 rated housing provides tool-less access with a spring-loaded latch
- Incorporate a hidden hinge door allowing the door to swing open and remain open
- Offer units with an EEI- NEMA twist lock photocontrol receptacle, the housing contains a tempered glass window to allow light to reach the cell
- Mount to slip-fitter that will accept 3" high by 2-7/8" to 3-1/8" O.D. pole tenon
- Provide four uniquely designed stainless steel spring clips, enclosed in a clear polyvinyl chloride sleeve and adjusted by 1/4-20 hex-head bolts that securely cradle the prismatic glass refractor. The same 1/4-20 bolts also support the decorative rib and banding assembly.

The finish shall:

- Utilize a polyester power coat paint to ensure maximum durability
- Rigorous multi-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117) on standard and RAL finish options.
- RAL (RALxxxxSDCR) paint colors are Super Durable Corrosion Resistant, 80% gloss.

Electrical Specifications

The driver shall meet the following requirements:

- Certified by UL or CSA for wet locations
- A factory programmable electronic driver with 0-10V dimming control leads
- LEDs shall have a minimum of 70 CRI and available in 2700K, 3000K, 4000K, and 5000K CCT
- The electrical system shall be designed to meet ANSI/IEEE C62.41.2 and shall offer a 10kV/5kA surge protection, fail off, as standard with an upgradable 20kV/10kA surge protection, fail off with indicator light, option
- Lumen output can be customized prior to manufacturing by way of FPDxx Options
- The electrical components are mounted on an aluminum plate that is removeable with minimum use of tools. A matching five conductor plug connects to the receptacle in the luminaire housing to complete the wiring. For photoelectric operation, the electrical module is provided with an EEI-NEMA twist-lock photocell receptacle.

Optical Specifications

The optical system is IP66 rated and consists of a precisely molded thermal resistant borosilicate glass refractor and top reflector mounted within the decorative glass optic. The top reflector redirects over 50% of the upward light into the controlling refractor while allowing a soft up-light component to define the traditional acorn shape of the luminaire. The lower refractor uses precisely molded prisms to maximize the pole spacings while maintaining uniform illuminance. Two refractors are available, designed for IES type III and V distributions. Lunar Optics shielding is available for asymmetric and symmetric distributions.

Control Options

The control options shall include, but not limited to, the following:

- Field adjustable output to adjust output to luminaire - AO
- Long life photocontrol, 20 years - PCLL, P34 and P48 with DTL
- 7 pin receptacles internally in housing (PR7) or inside glass mounted (PR7E - not for use with photocontrols & nodes must have photocontrol disabled)
- nLight Air rSBOR6 outdoor fixture-mounted motion and photo-sensor, features a dual radio to communicate wirelessly to other nLight Air devices for group response to motion, on/off control in response to daylight and by switch - RSBOR6
- Fixture embedded nLight Air network interface for individual fixture control and dimming - NLTAIR2.

Certification and Standards

- Luminaire shall be UL or CSA listed.
- Suitable for operation in an ambient temperature up to 40°C / 105°F per UL or CSA certification
- LM79 compliant
- DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check with the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

BUY AMERICAN ACT

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

Please refer to www.acuitybrands.com/resources/buyamerican for additional information.

Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

ORDERING INFORMATION

Example: GVD3 P30 30K MVOLT MS GL3 BK RB ST TBK AO

Series	LED Performance Package	LED Color temperature	Voltage	Housing Style
GVDB3 Granville Classic Utility LED3	P10 3,300 nominal lumens	27K 2700K CCT	MVOLT AUTO-SENSING 120-277V 50/60HZ	MS Modern Style Swing Open Design
	P20 5,500 nominal lumens	30K 3000K CCT	HVOLT AUTO-SENSING 347-480V 50/60HZ	LS Leaf Style Swing Open Design
	P30 8,400 nominal lumens	40K 4000K CCT		
	P40 10,900 nominal lumens	50K 5000K CCT		
	P50 13,200 nominal lumens			

Optics		Housing Color		Trim		Finial		Finial Color	
GL3	Glass, Type III	BK	Black	[Blank]	No Trim	[Blank]	No Finial	TBK	Black
GL5	Glass, Type V	BZ	Bronze	RB	Ribs & Band	BL	Ball	TBZ	Bronze
GL3LU	Glass, Type III Lunar Optics	GH	Graphite	SY	Syracuse Style with Cover (MS Housing only)	CL	Clear	TGL	Gold
GL5LU	Glass, Type V Lunar Optics	GN	Green			EG	Eagle	TGH	Graphite
		GR	Grey			FL	Flower	TGN	Green
		PP	Prime Paint			PN	Pawn	TGR	Grey
		WH	White			CR	Cross	TPP	Prime Paint
		CMC	CustomMatchColor Finish			ST	Standard	TWH	White
		XX	STD Finish, TBD			RM	Roman Cross	TCMC	CustomMatchColor Finish
		RALxxxxSDCR	RAL Super Durable Corrosion Resistant, 80% Gloss Paint, replace xxxx with RAL number.					TRALxxxxSDCR	RAL Super Durable Corrosion Resistant, 80% Gloss Paint, replace xxxx with RAL number.
								TXX	STD FINISH, TBD

Options: Option Compatibility Matrix on page 3 of 4

CONTROLS OPTIONS

A0	Field Adjustable Output
PR7	NEMA twistlock dimming photocontrol receptacle - 7 pin
PR7E	NEMA twistlock dimming photocontrol receptacle - 7 Pin (Under Glass)
PCLL	Long Life DTL Twistlock Photocontrol for Solid State, MVOLT
P34	Long Life DTL Twistlock Photocontrol for Solid State, 347V
P48	Long Life DTL Twistlock Photocontrol for Solid State, 480V
SH	Shorting Cap
RSBOR6	nLight Motion Sensing Photocontrols
NLTAIR2	nLight rIO 2.0 Antenna

DRIVER ELECTRICAL OPTIONS

FPDxx	Factory Programmed Driver
20KV	Extreme surge protection 20kV/10kA, fail off with indicator light

PREWIRED LEAD OPTIONS

L1H	1.5 ft prewired leads
L03	3 ft prewired leads
L10	10 ft prewired leads
L20	20 ft prewired leads
L25	25 ft prewired leads
L30	30 ft prewired leads

COVER OPTIONS

FC	Full Cover
MC	Mayfield Half Cover

NEMA LABEL OPTIONS

NL1X1	1" X 1" ANSI Wattage Label
NL2X2	2" X 2" ANSI Wattage Label

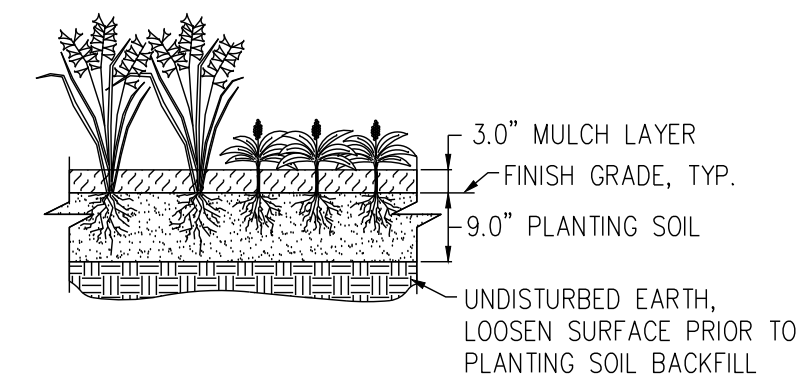
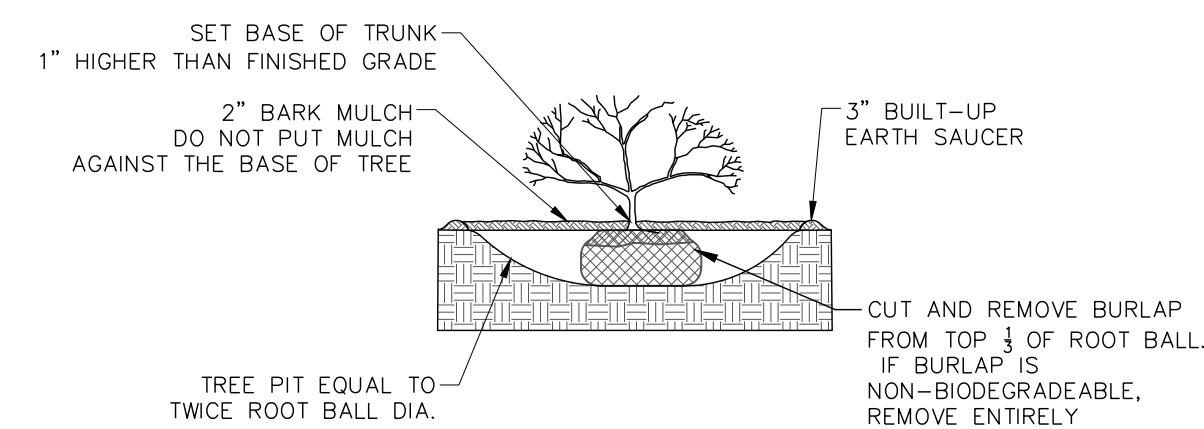
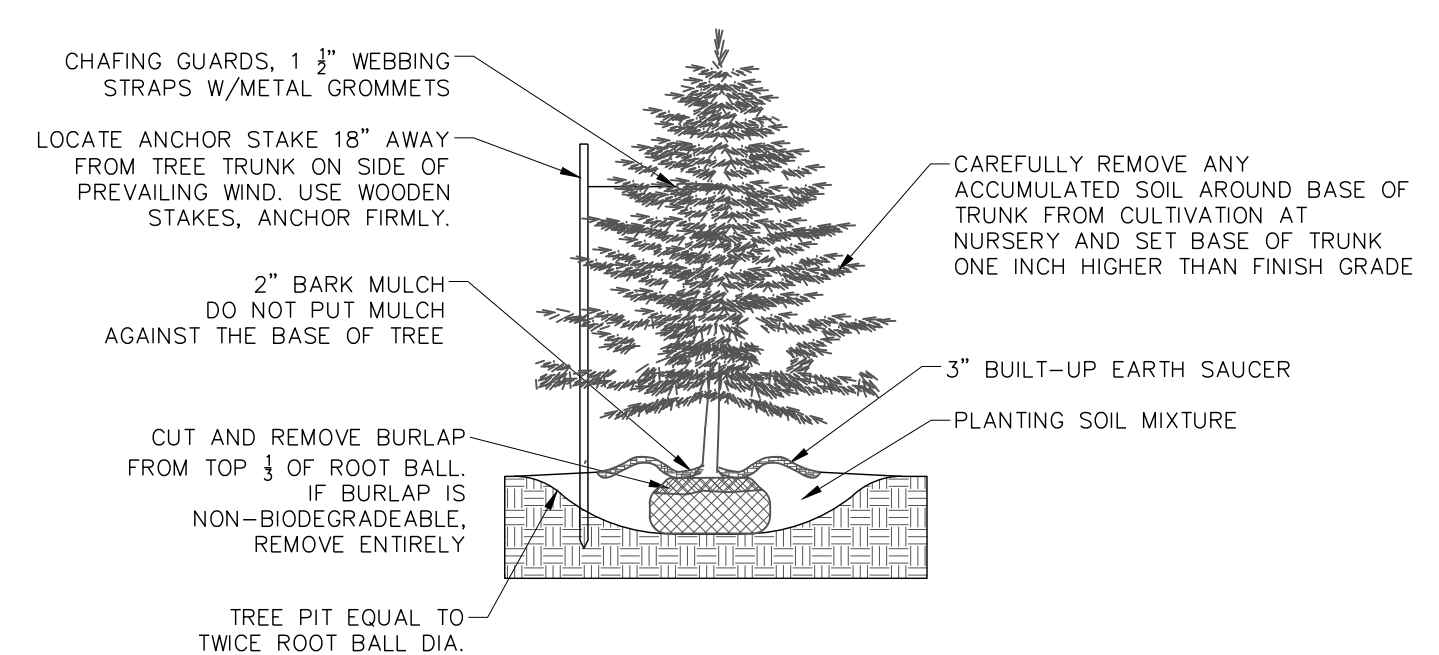
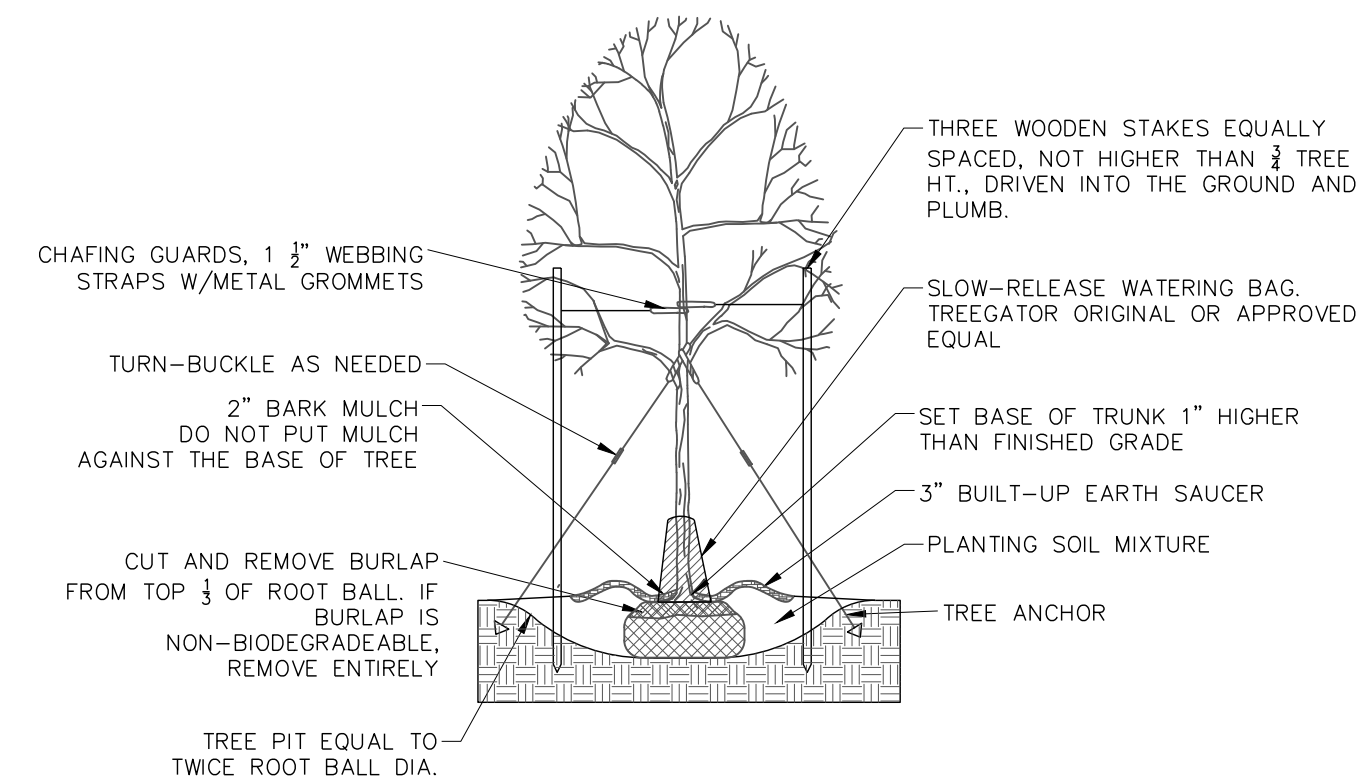
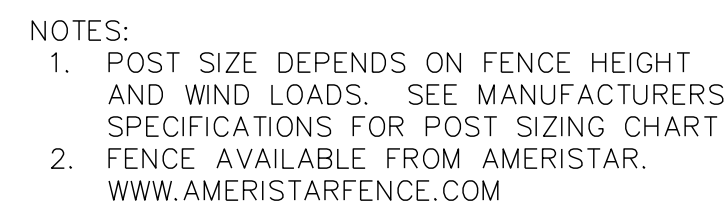
Accessories: Order as separate catalog number.

DECORATIVE BAND OPTIONS

GVBANDX Decorative Band
NOTE:
*Field installed. For use with units without
factory installed ribs and band.
X = Band color, example GVBANDBK (black).*

HOUSE-SIDE SHIELD OPTIONS

GVDHSS90	House Side Shield Solid 90°
GVDHSS12	House Side Shield Solid 120°
GVDHSS18	House Side Shield Solid 180°
GVDHSL90	House Side Shield Solid 90° (Lunar)
GVDHSL12	House Side Shield Solid 120° (Lunar)
GVDHSL18	House Side Shield Solid 180° (Lunar)



DESIGNED BY:	—	No.	Date	Revision
DRAWN BY:	—	1	3/25/24	PER ADDENDUM 1
CHECKED BY:	—			
APPROVED BY:	JMT			
COORD./DATE:	NAD83/88			
Date: 3/13/2024 SCALE: AS SHOWN				