District of Lantzville

REPORT TO CHIEF ADMINISTRATIVE OFFICER

Meeting Date: November 29, 2023

SUBJECT: **Legion Plaza Concepts**

PURPOSE

To follow up from Council's motion passed on November 15, 2023, to postpone the Legion Plaza concepts to the November 29, 2023 Council meeting, to provide information and obtain public input on the Legion Plaza Concepts including signage, picnic table, garbage receptacle, and a decision on planter box and/or a bollard design concepts.

RECOMMENDATION

THAT Council approves Legion Plaza Concept 2 (LED Bollard) design with a budget of $31,000, with funding from Community Works Fund (Gas Tax); AND FURTHER THAT Council directs staff to implement in the first 4 months (spring) of 2024 the design as presented in the November 29, 2023 report.

COMMITTEE/COMMISSION RECOMMENDATION - N/A

ALTERNATIVES AND IMPLICATIONS

1. THAT Council approves Legion Plaza Concept 1 (Planter Box) design with an upset limit of $12,000.00 to be implemented, in the first 4 months (spring) of 2024.
   Implication: Implementing Concept 1 will place service level strains on staff and increased maintenance from year to year.

BACKGROUND/RELEVANT HISTORY

November 15, 2023, Council motion:

> THAT the Legion Plaza Concepts be postponed to the November 29, 2023, Council meeting.

Prior to the meeting, staff are to provide a revised concept including a bollard design concept with preliminary cost estimates for the November 22, 2023, Council meeting.

ATTACHMENT(S)

1. Option 1 – Planter box concept
2. Typical exposed planter box
3. Option 2 – Bollard concept
4. Sample of a potential bollard
5. Specifications for a LED Cast Aluminum Bollard

ANALYSIS/RATIONALE

Option 1 estimate of $12,000.00 for budget purposes. (See attachments 1 and 2)

Impacts: The planter box concept will have long term impacts on Public Works due to maintenance challenges (i.e., watering of plants, weeding, and installing plants from year to year) and limited snow storage.

Option 2 (Typical or LED Bollard) estimate of $31,000.00 for budget purposes. (See attachments 3, 4 and 5)

Impacts: The bollard concepts will have minimal impacts on maintenance (short and long term) and snow storage. The low-level LED illuminated bollard could provide enhanced safety and aesthetics.

Both options include a carved log sign shown on each concept which is to read, "Legion Plaza" with "In honour of the Legion's long-term service to the community" in a smaller font below and with a poppy. The Legion has provided an approval letter in support. As passed by council motion on June 7, 2023.

Staff met and presented concepts to the Legion at which time they presented a few concerns surrounding a desire for no picnic table, bike rack and garbage receptacle, citing congregation of unwanted person(s) of longer duration. Plus, messaged how they (Legion) appreciated being consulted and like to add their preferred concept to be Option 2 (LED Bollard).

Given the above and attached concepts, staff recommend Option 2 (LED Bollard) as it presents a level of safety to pedestrians and vehicles by delineating the bollards especially at night; reduces maintenance costs and less impacts on staff to ensure existing service levels are maintained; and is aesthetically pleasing.

1. **Strategic Plan Objectives** N/A

2. **Policy (Existing/Relevance/None)**
   None

3. **Resources**
   Manufacturer, Contractor(s), Staff

4. **Financial/Budget Implications**
   Potential impacts/modifications to the 2023 budget.

5. **Sustainability Implications** N/A

Prepared by: Approved for submission to Council:

Glenn Morphy, Director of Public Works — Trudy Coates, Acting CAO
Director of Corporate Administration

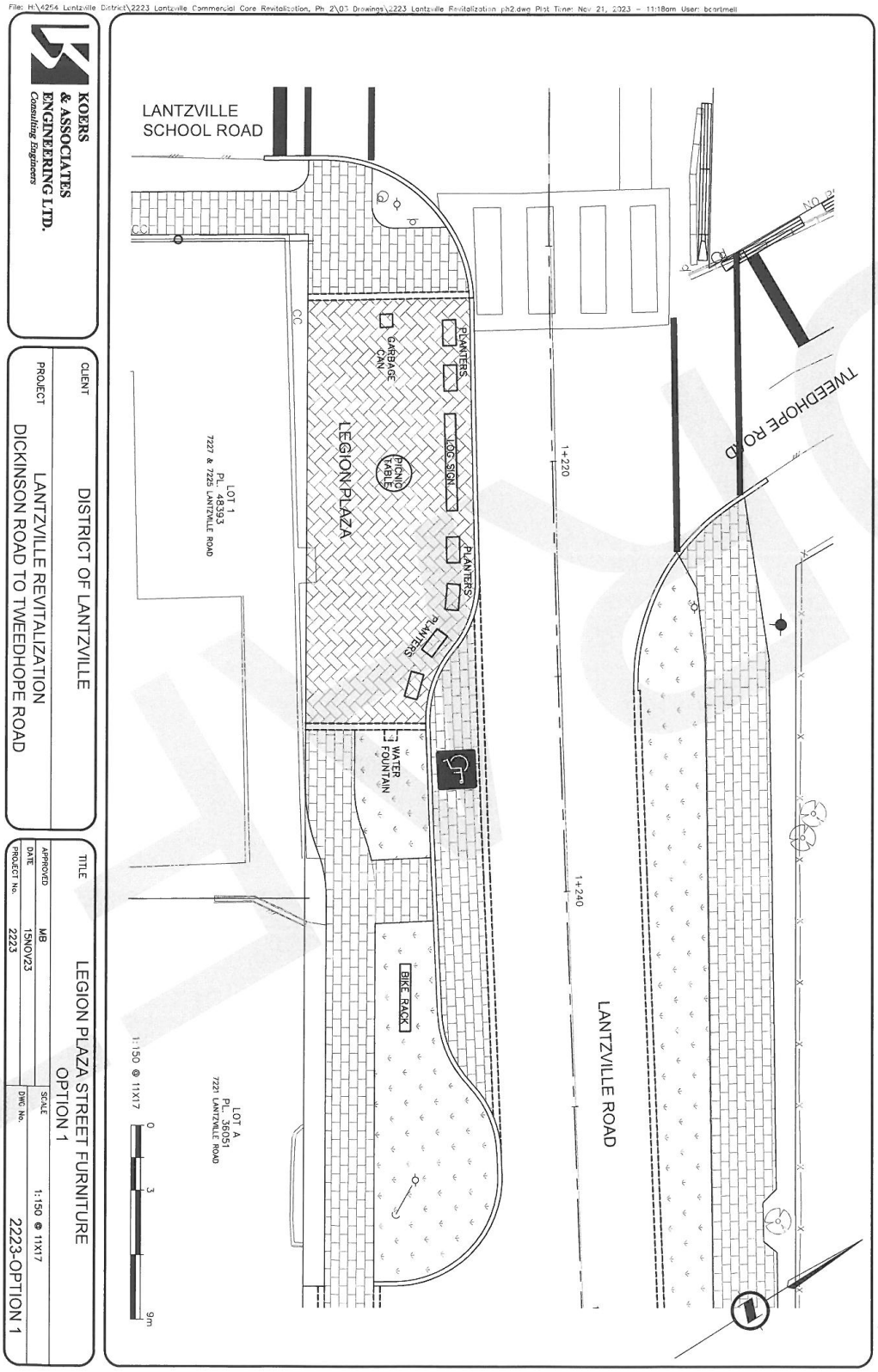
Date: November 21, 2023 — November 21, 2023

REVIEWED WITH:			
☑ Corporate Administration	☐ Fire Rescue	☐ Public Works/Engineering	☐ RCMP
☑ Financial Services	☐ Planning	☐ Solicitor	☐ Committee:
☐ Other:			

COUNCIL AGENDA INFORMATION:		
Meeting Type	**Date**	**Agenda Item #**
Regular		
Special	November 29, 2023	6.d) iv.
Closed (In-Camera)		

File Number: 1220-20-LRREV
Location: T:\DISTRICT OF LANTZVILLE\Reports to Council\2023\2023 11 29 Legion Plaza Concepts

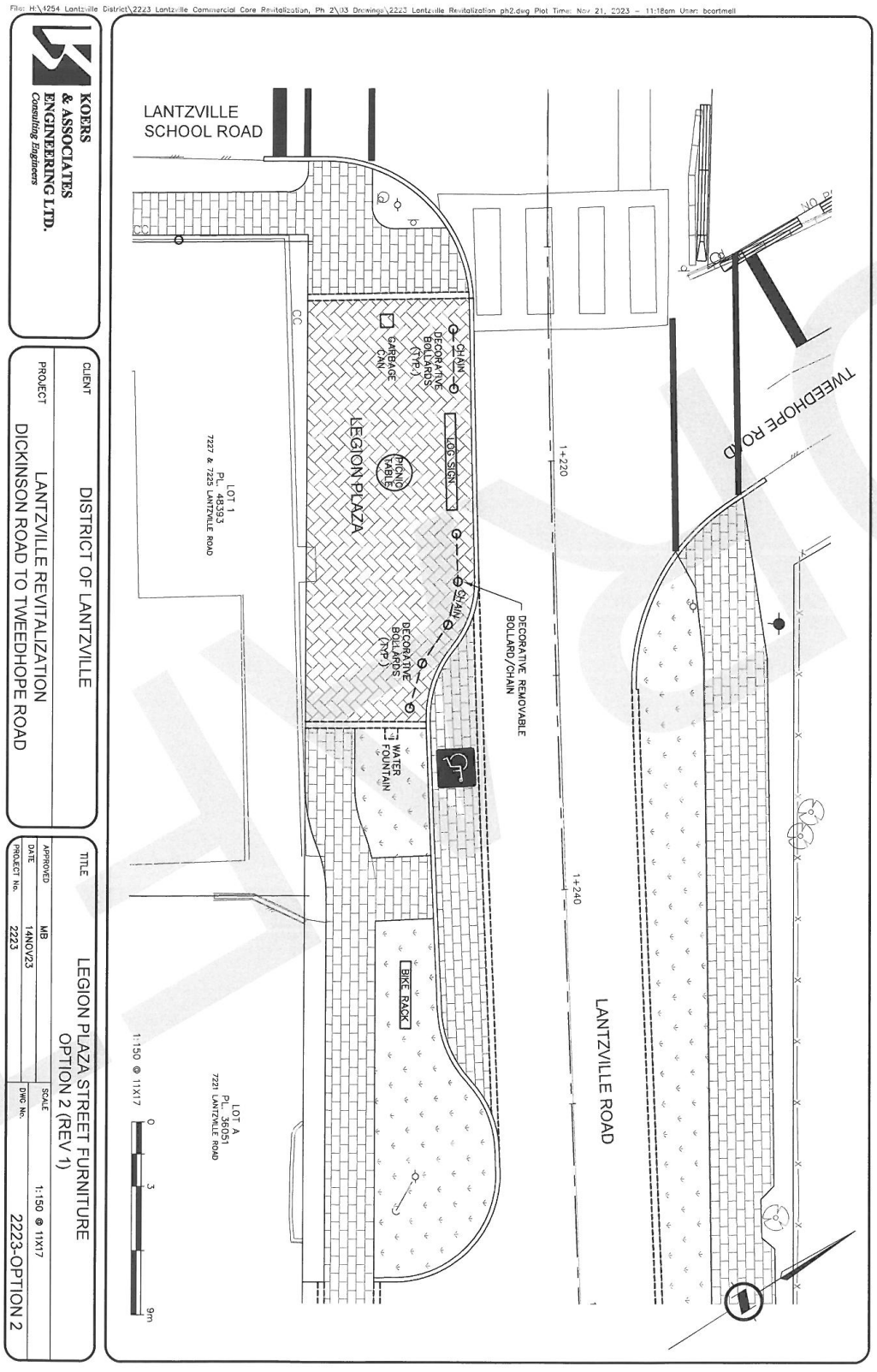
Attachment 1



Attachment 2

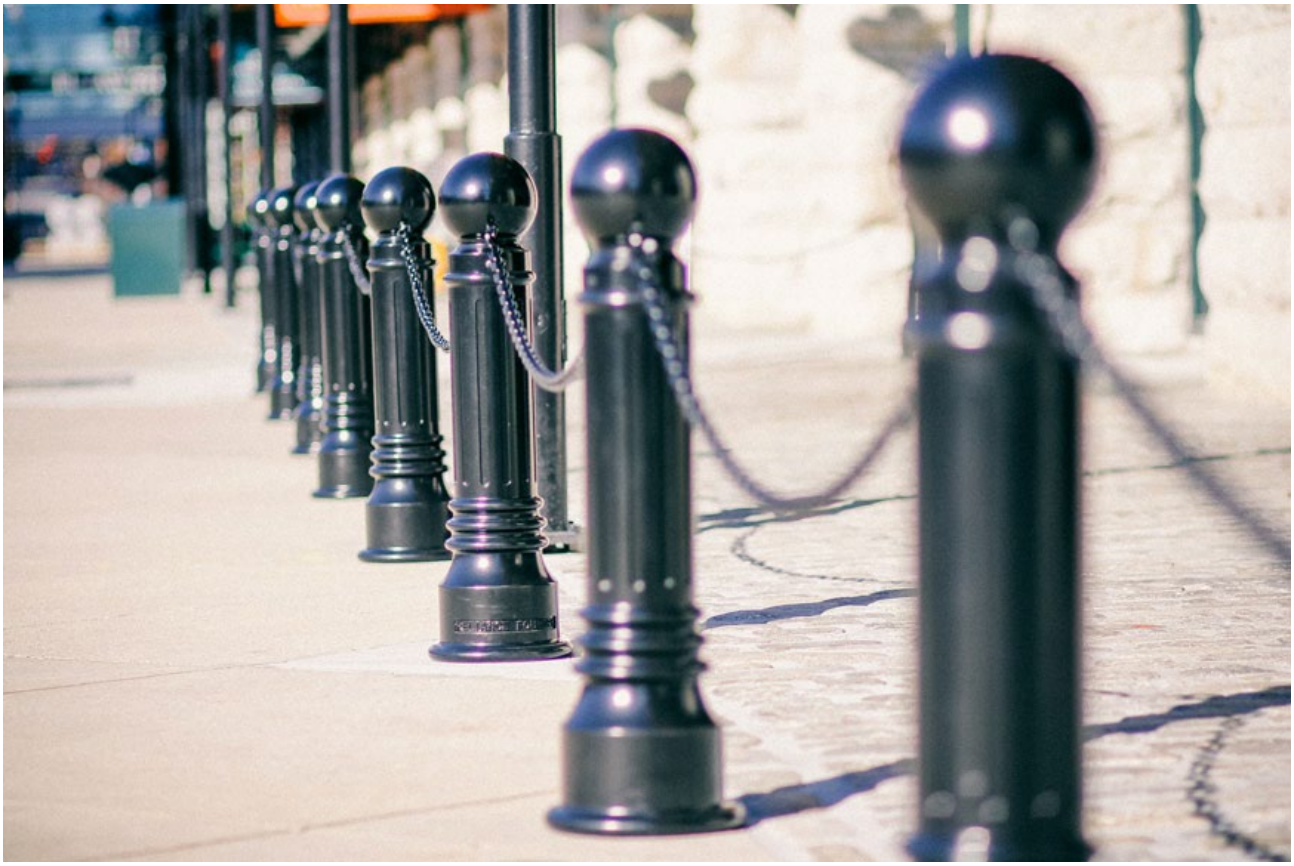


Attachment 3



Attachment 4

New York: Decorative bollards and modernist racks



Traditional architecture is enhanced by black decorative bollards.

Attachment 5

HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS

Catalog Number	
Notes	Type

CHBOLED

Charleston LED Series:
Cast Aluminum Bollard



General Description
The Charleston is a decorative bollard which provides a fully integrated LED solution to complement the full line of decorative posts by transitioning flawlessly from the street to pedestrian walkway.

While maintaining the period style, the electronics are engineered to provide energy-efficient lighting and minimize maintenance components. Our bollards offer superior finish through the application of a polyester powder coat finish.

Intended use: Bollard for city streetscapes, public areas and parks, higher education campuses, paths and walkways.

Mechanical Specifications
The luminaire housing shall:
- Be heavy grade A356.1 cast aluminum (aluminum with <1% copper)
- Wet locations listed
- One-piece casting with a removable top
- Optical assembly is secured inside the shaft
- All welding shall be per ANSI/AWS D1.2-90
- All welders shall be certified per Section 5 of ANSI/AWS D1.2-90
- (4) ¾" diameter by 18" long, hot dip galvanized L-type anchors bolts are provided and are to be installed on a 10.5" bolt circle
- Access door opening for anchor bolts and wiring access is 3" x 5" x 4.5"
- Optional Field or Factory installed hot-dip galvanized direct burial base for mounting without a concrete footing

The finish shall:
- Utilize a polyester powder 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
- LEDs shall have a minimum of 70 CRI and available in 2700K, 3000K and 4000K 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 optional 20kV/10kA surge protection, fail off with indicator light, option
- Optional GFI receptacle with wet-location cover, not CSA listed

Optical Specificationss
- IP65 light engine
- Type 5 distribution with a translucent smooth white acrylic outer lens

Control Options
The control options shall include, but not limited to, the following:
- Field adjustable output to adjust output to luminaire - A0
- Button style photocontrol

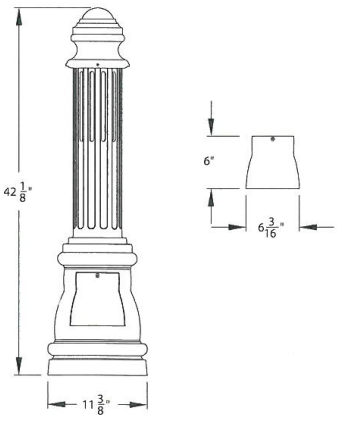
Certification and Standards
- UL 1598 - Wet Locations Safety Listing
- Suitable for ambient temperatures -40°C to 40°C

Warranty
5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

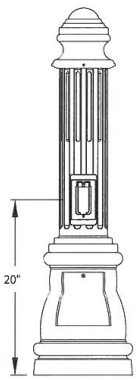
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Important Installation Notes:
- Factory-supplied templates must be used when setting anchor bolts. Acuity Brands Lighting will not accept claim for incorrect anchorage placement due to failure to use factory template.
- Acuity Brands Lighting is not responsible for the foundation design.

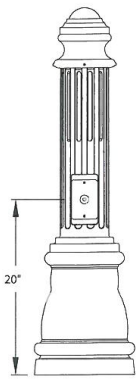
DIMENSIONAL DATA



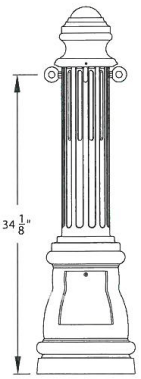
Maximum standard weight - 44 lbs.
Maximum weight with Direct Burial Base Option - 74 lbs.



Receptacle Option



Photocell Option



Eyebolt Option
(more than 1 can be specified)

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