



Arthur St. Municipal Parking Lot

Conceptual Design Presentation

September 14, 2021



PRESENTATION OUTLINE

Background

Proposed Works

Functional Design

Aesthetic Design

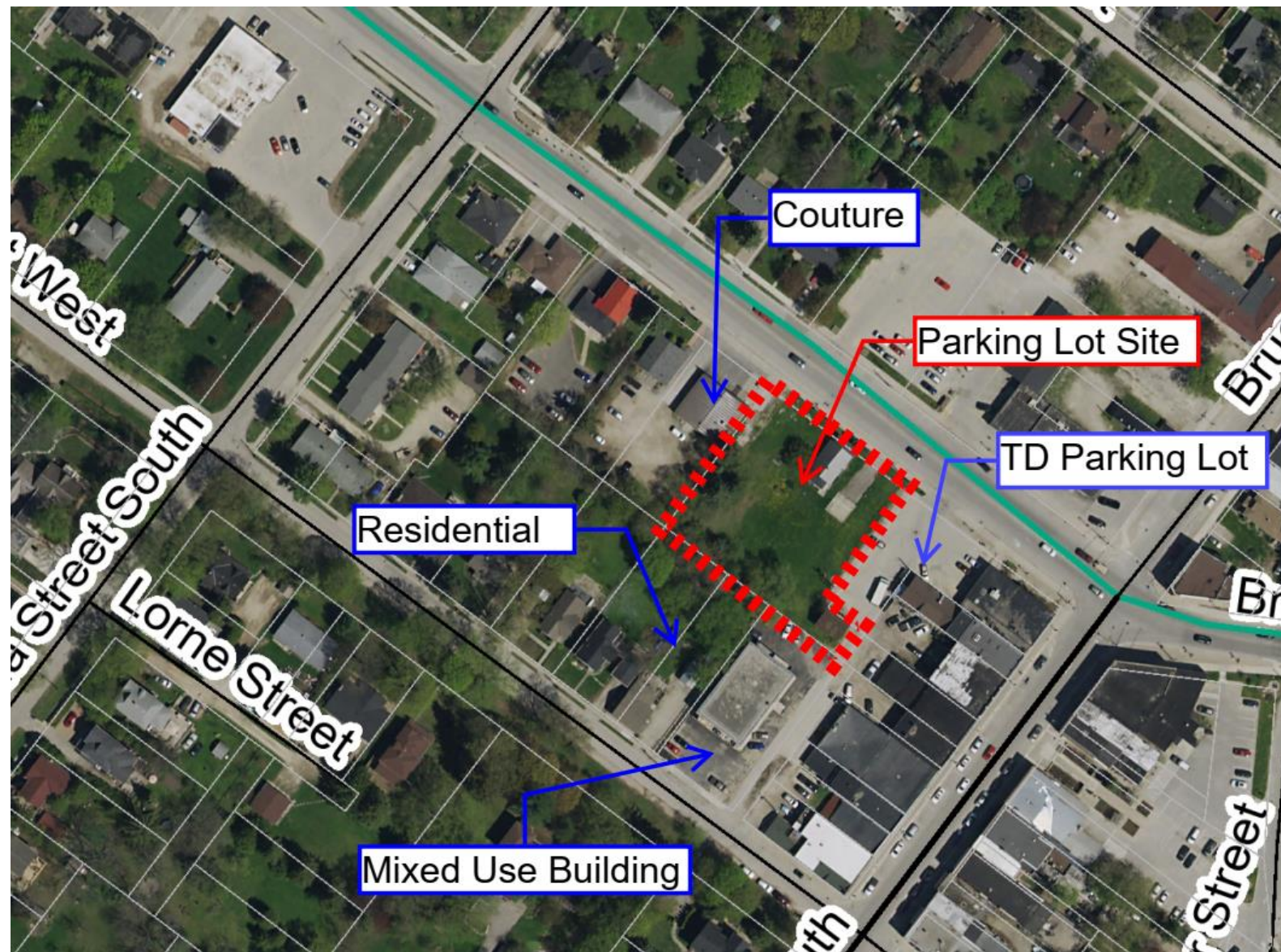
Schedule

Next Steps

Questions

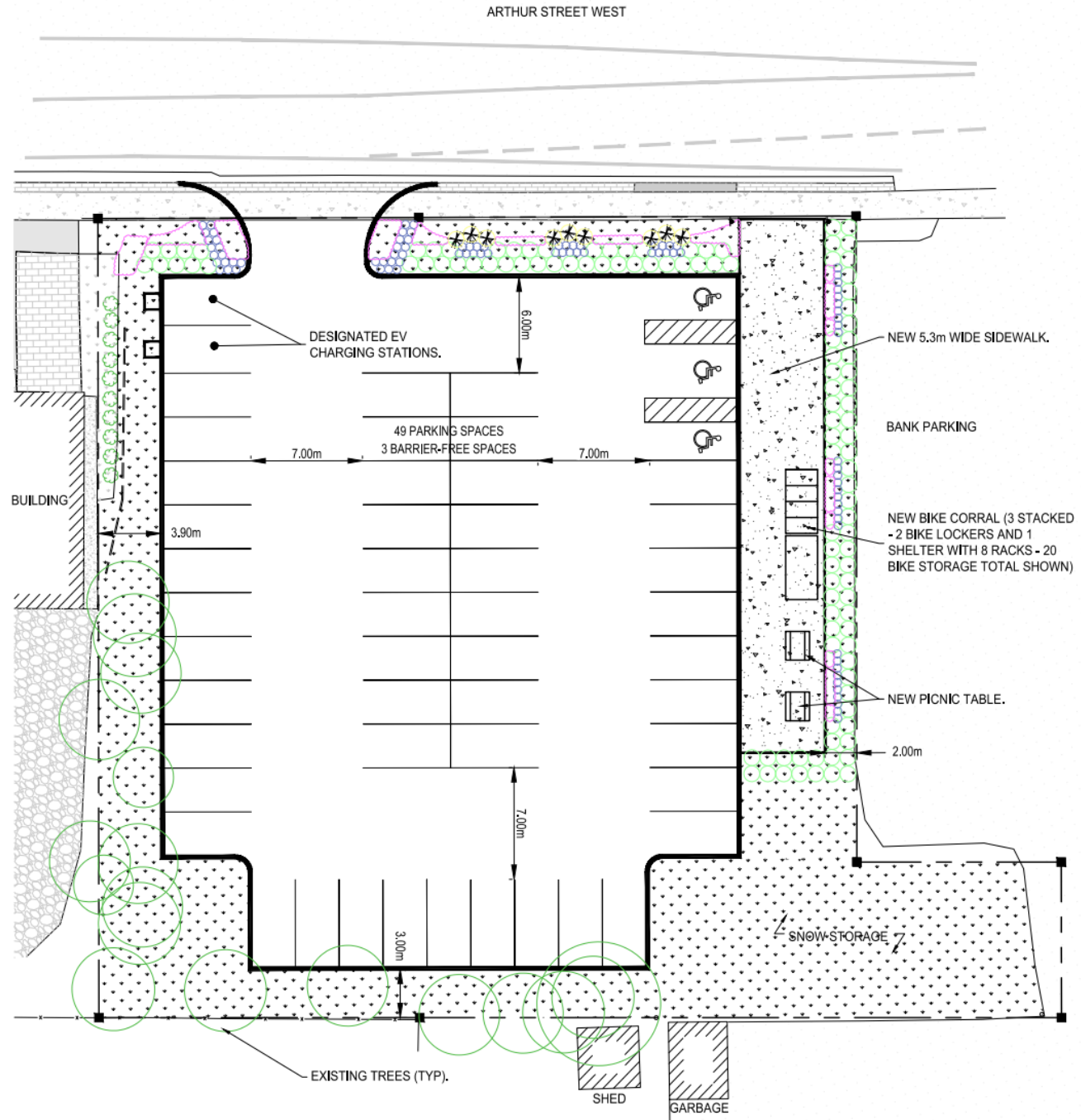
BACKGROUND

- Property Purchased by Town in 2020.
- Proposal for small hard surfaced parking lot
 - Stormwater Management
 - Lighting
 - Allowance for EV charging
 - Bicycle Parking
 - Paid Parking Options



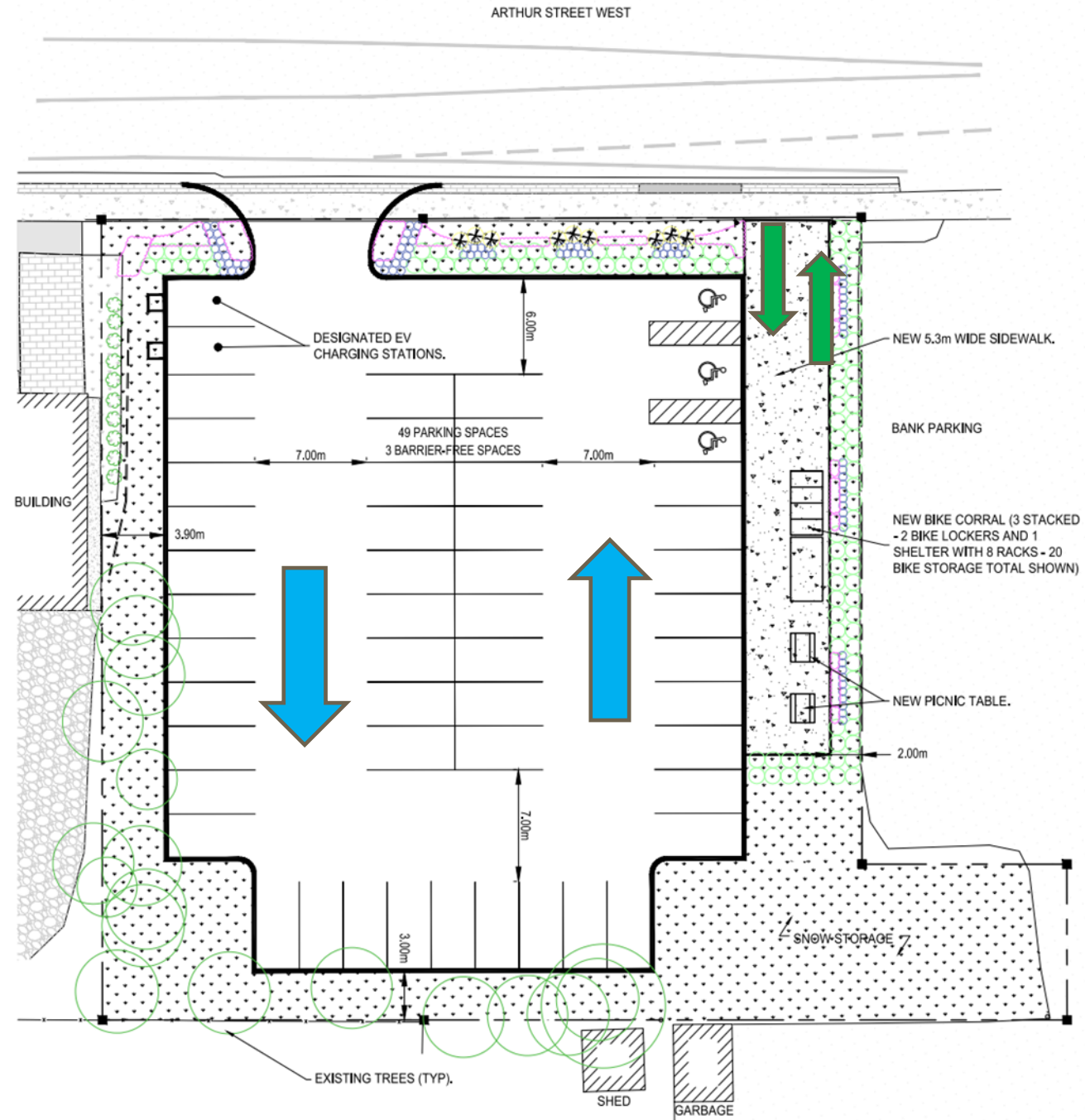
PROPOSED WORKS

- Unsignalized Entrance off Arthur Street
- Forty-nine (49) Standard Parking Spaces
- Three (3) Barrier Free Parking Spaces
- Concrete Bicycle and Pedestrian Plaza
- Enclosed and Open Bicycle Lockers
- Native Landscaping/Xeriscaping



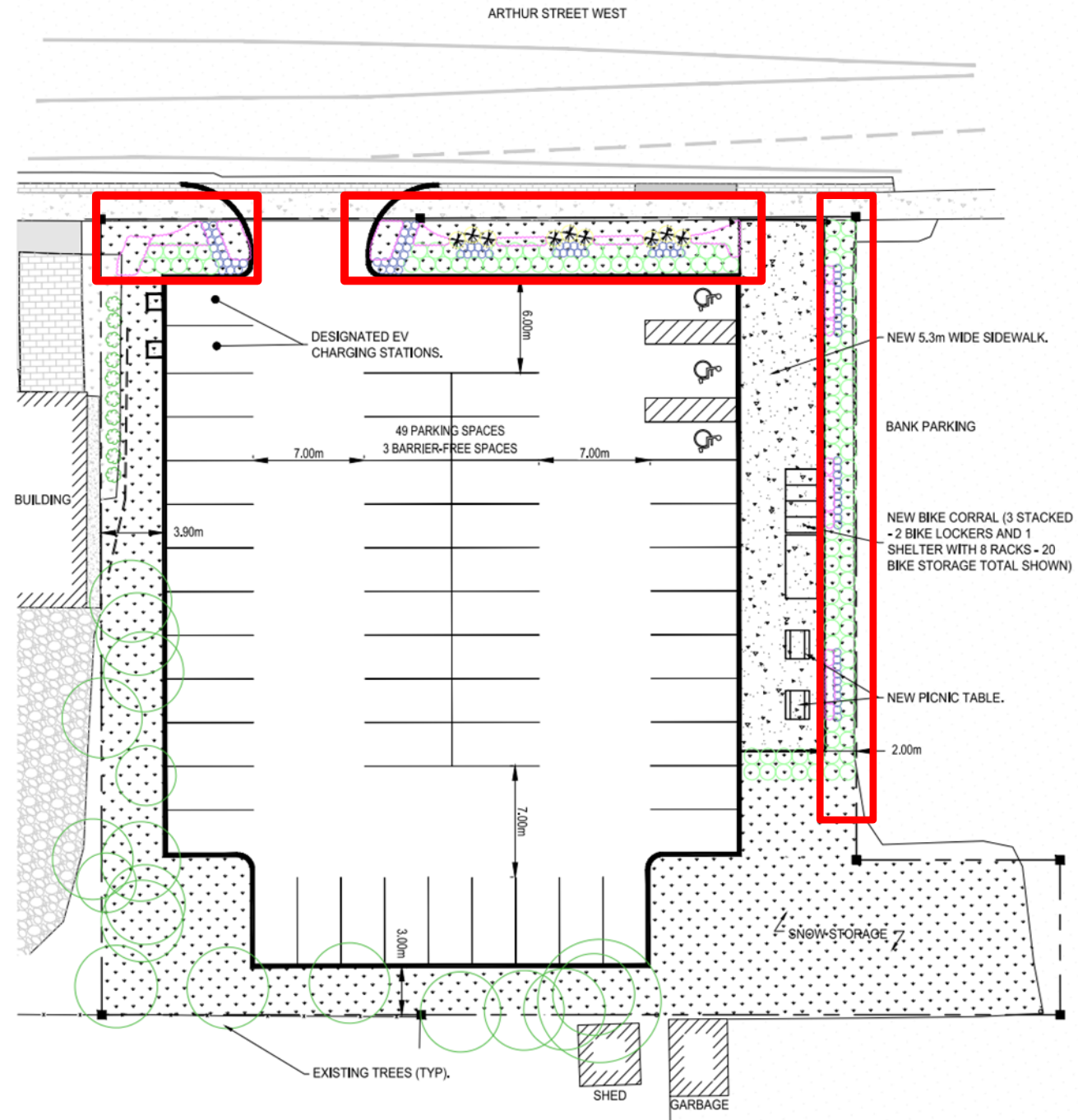
FUNCTIONAL DESIGN

- No left turn lane
- Generous 7.0 m (23 ft) aisle
- Pedestrian and Bicycle Plaza to focus traffic towards Arthur and businesses.
- Visual/Noise Buffers from adjacent residential.
- Snow storage in southeast corner.
- Challenges:
 - Maximize Parking Spaces
 - Winter Operations



AESTHETIC DESIGN

- Buffer Plants
 - Deciduous Native Shrubs
 - Coniferous Native Shrubs
 - Existing Protected Trees
- Aesthetic Garden
 - Perennials
- Rain Garden/Low Impact Design
 - Ornamental Grasses



AESTHETIC DESIGN EXAMPLES

PARKING LOT PLANT MATERIAL



HACKBERRY



SERVICEBERRY



BLUE OAT GRASS



PURPLE CONEFLOWER



FEATHER REED GRASS



BUTTERFLY MILKWEED



ORNAMENTAL CATMINT



BUSH HONEYSUCKLE



SAVIN JUNIPER



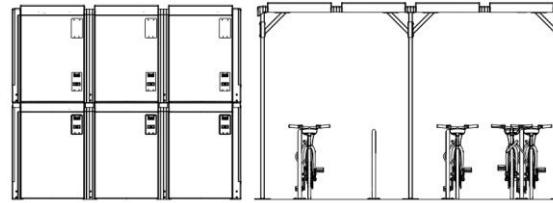
GRO-LOW SUMAC



BLACK EYED SUSAN

SUSTAINABLE DESIGN

- **Included**
 - Solar Lighting
 - Xeriscaping
 - Active Transportation Linkages
- **Potential**
 - EV Charging (rough ins included)
 - Low Impact Design Stormwater
- **Excluded**
 - Permeable Pavement
 - High Albedo White Pavement
 - Onsite Solar Generation



SCHEDULE



Design Development – Fall 2021



Stormwater Management Approval Period – Fall/Spring 2022



Tender Issue – Winter 2021/2022



Construction Start – May 2022



Construction Completion – June 2022



REVIEW AND ADDRESS
PUBLIC COMMENTS



DESIGN DEVELOPMENT



COMPETITIVE
CONSTRUCTION
TENDER PROCESS



AWARD
CONSTRUCTION
TENDER



COMMENCE
CONSTRUCTION

NEXT STEPS

Thank you for your time. Questions?

For additional project information and updates go to:

<https://www.thebluemountains.ca/arthur-street-west-parking-lot.cfm?is=2>

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