The surface infrastructure on Queen Street between Charles Street and Duke Street has generally reached the end of its lifecycle and requires replacement. As a result, the City intends to upgrade Queen Street, entrances to Halls Lane, Goudies Lane, Vogelsang Green, and the existing surface lot located at the southeast corner of Charles and Queen Streets. In order to identify the opportunities for streetscape enhancements to be completed in conjunction with the surface replacement, the City completed the Queen Street Placemaking Plan which was endorsed by Council in August, 2017.

The scope of this project is to develop the detailed design, coordinate project tender, and provide contract administration during construction of the design opportunities identified in the adopted Queen Street Placemaking Plan. This includes elements such as wider sidewalks, improved lighting, enhanced surfaces and barrier-free provisions, and pedestrian amenities such as site furnishings for Queen Street and the associated open spaces within the project limits between Charles Street and Duke Street.

**PROJECT SCHEDULE**

**PART A - DESIGN**

Phase 1 Project Initiation And Pre Design: March - April 2018
Phase 2 Preliminary Design & Stakeholder Consultation: April - July 2018
Public Information Meeting #1: July 11, 2018
Phase 3 Detailed Design: July - October 2018

**PART B - TENDERING & CONSTRUCTION**

Phase 4 Tendering: October 2018 - April 2019
Phase 5 Contract Administration: June - September 2019
Public Information Meeting #2: June 2019
Phase 6 Warranty And Close Out: September 2019
CONCEPT PLAN - LIGHTING & STREETSCAPE ELEMENTS

PROJECT AREA - LIGHTING PLAN

CITY OF KITCHENER QUEEN STREET PLACEMAKING

Goudies Lane

Cylindrical style centenary light proposed within Goudies Lane & between street light standards on Queen Street.

NOTE: Lights on Queen Street proposed to run parallel with curb - not across roadway.

KING STREET

Street light standard proposed along the Queen Street right-of-way.

QUEEN STREET SOUTH

DECORATIVE LIGHT COLUMN PROPOSED WITHIN THE QUEEN / CHARLES OPEN SPACE AREA.

QUEEN STREET NORTH

VOGELSANG GREEN

Button style centenary light proposed above Vogelsang Green lawn area & seating area at Queen Street & Goudies Lane.

PAVING PRECEDENTS

LEFT: Precedent image showing sidewalk with alternating banding.

ABOVE: Paving inset precedent showing opportunity for street naming, or recognition of significant cultural locations or timelines within surface paving.

RIGHT: Images showing surface treatment options for banding through variation of texture and finish.

FURNISHING PRECEDENTS
**CONCEPT PLAN**

- PAVING INSETS (STREET NAMES AT CORNERS)
- LIGHT STANDARD (TYP) ALONG BACK OF ROLLED CURB
- EXISTING LANDSCAPED AREA (PRIVATE LANDS)
- NORTH PAVING (STREET NAMES)
- QUEEN STREET SURFACE PATTERNING AT HALL'S LANE: BUTTON PATTERNING (TYPE 2) OPTION SHOWN
- LIGHT STANDARD (TYP) ALONG QUEEN STREET SOUTH WITH TRENCH DRAINS AT EXISTING CATCH BASIN LOCATIONS
- CURB AT CORNERS
- LANeway WIDTH OF 3.10m BOTH WAYS
- STEEL TRUSSES / SHADE STRUCTURE
- TURF SEATING MOUNDS
- TREES IN PLANTER POTS
- DROP-OFF LAY-BY PROVISION - SURFACE TREATMENT TO DENOTE LOCATION WHILE MAINTAINING PEDESTRIAN CLEAR PATH ON SIDEWALK
- QUEEN STREET SURFACE PATTERNING AT HALL'S LANE: BUTTON PATTERNING (TYPE 2) OPTION SHOWN
- CANTERBURY LIGHTING (Cylinder Style) RUNNING BETWEEN LIGHT STANDARDS ALONG QUEEN STREET EXCEPT AT HALL'S LANE
- KING STREET INTERSECTION IMPROVEMENTS - LADDER PATTERNED CROSSWALKS WITH DECORATIVE FIELD PATTERNING (TYPE 1) OPTION SHOWN
- BIKES STORAGE / BIKE SHARE LOCATION
- SEATING PLATFORM
- WATER SERVICE FOR PEDESTRIAN CLEAR OPTION SHOWN
- EMERGENCY SERVICES PATH ON SIDEWALK
- CONCEPT PERSPECTIVES
  - AERIAL PERSPECTIVE OF QUEEN STREET LOOKING NORTH TOWARDS KING STREET FROM CHARLES STREET
  - AERIAL PERSPECTIVE VIEW LOOKING SOUTH ALONG QUEEN STREET FROM THE KING STREET INTERSECTION
- HERITAGE / WAYFINDING ELEMENT
- ALTERNATIVE FIELD PATTERNING SKETCHES
  - QUEEN STREET NORTH INSET PAVING TILES (IE/ FOR STREET NAMING, HERITAGE SIGNIFICANT LOCATIONS, ETC.)
  - FIELD PATTERNING (BUTTON CONCEPT OPTION SHOWN)
  - NOTE THAT THE FIELD PAVING FOR THE KING / QUEEN STREET INTERSECTION (TYPE 1) WILL RELATE TO THE SURFACE PATTERNING AT KING STREET, CONCEPT & HALL'S LANE (TYPE 2)

**KING / QUEEN STREET INTERSECTION**

- PLAN VIEW OF THE CONCEPT SURFACE PATTERNING FOR THE KING & QUEEN STREET INTERSECTION, SHOWING A LADDER PATTERNED CROSSWALK WITH DECORATIVE FIELD PATTERNING - SEPARATED FROM THE PATH OF TRAVEL.
CITY OF KITCHENER
QUEEN STREET PLACEMAKING
QUEEN STREET NORTH BLOCK

RIGHT: VIEW LOOKING ALONG QUEEN STREET NORTH FROM DUKE STREET, SHOWING THE WIDENED SIDEWALKS, ENHANCEMENTS TO VOGELSANG GREEN, AND THE SEATING AREA AT QUEEN STREET AND GOUDIES LANE.

CONCEPT PLAN

- Light Standard (Typ) Along Back of Rolled Curb
- Rolled Curb Along Queen Street With Trench Drains At Existing Catch Basin Locations
- Sidewalk Widening With Alternating Banding Pattern (Typ) Along Length of Queen Street Project Area
- Catenary Lighting Above Suspended By Steel Arches
- Flower Beds
- Tree In Grates With Below Grade Soil Cells
- Surface Pattern (Typ) Along Queen Street North
- Catenary Lighting Above Seating Area
- Moveable Seating, Tables & Planter Pots
- Entry Arch At Goudies Lane
- Surface Pattern (Typ) To Extend Across Queen Street And Relate To King Street Intersection Paving (Typ 1)
- Moveable Seating, Table & Planter Pots
- Paver & Steel Arch Seating Area
- Raised Planter To Address Existing Utilities, Sides To Act As Seating Opportunity
- Curbside Moveable Planters & Bike Racks Placed To Maintain Open Access To Businesses & Water Service For Emergency Services
- Drop-Off Lay-By Provision - Surface Treatment To Denote Location While Maintaining Pedestrian Clear Path On Sidewalk
- King Street Intersection Improvements - Ladder Interimn Crossover With Decorative Field Re-Entry Button Pattern (Typ 1) Option Shown

WAYFINDING / HERITAGE SIGNAGE ELEMENT

- Wayfinding / Heritage Signage Element
- Park Signage Or Wayfinding Element
- LID Area (Stormwater Storage) Beneath Patio Area
- Plaza Area Along Duke Street Frontage With Moveable Seating And Trees In Soil Cells For Shade
- Steel Arches To Support Catenary Lighting Above Open Lawn Area

PRECEDENT IMAGES

AERIAL PERSPECTIVE LOOKING NORTH TOWARDS DUKE STREET, SHOWING THE PROPOSED IMPROVEMENTS TO THE STREETSCAPE, PARKING AREA FRONTAGE & VOGELSANG GREEN.

VIEW LOOKING NORTH TOWARDS DUKE STREET FROM THE KING STREET INTERSECTION.

VIEW LOOKING ALONG QUEEN STREET TOWARDS GOUDIES LANE FROM THE KING STREET INTERSECTION.

VIEW LOOKING NORTH ALONG QUEEN STREET FROM DUKE STREET, SHOWING THE PROPOSED IMPROVEMENTS TO THE STREETSCAPE, PARKING AREA FRONTAGE & VOGELSANG GREEN.

VIEW LOOKING ALONG QUEEN STREET NORTH FROM DUKE STREET, SHOWING THE WIDENED SIDEWALKS, ENHANCEMENTS TO VOGELSANG GREEN, AND THE SEATING AREA AT QUEEN STREET AND GOUDIES LANE.
CITY OF KITCHENER
QUEEN STREET PLACEMAKING

QUEEN STREET SOUTH
CHARLES STREET
CHARLES - QUEEN STREET OPEN SPACE

CONCEPT PLAN

CONCEPT PERSPECTIVES

PRECEDENT IMAGES

VIEW LOOKING FROM CHARLES STREET TOWARDS QUEEN STREET THROUGH THE PROPOSED PARKETTE SPACE

VIEW LOOKING TOWARDS THE QUEEN / CHARLES PARKETTE FROM ACROSS CHARLES STREET.

AERIAL VIEW FROM THE QUEEN AND CHARLES STREET INTERSECTION

CONCEPT SECTIONS

SECTION QC1 AT QUEEN-CHARLES SPACE

SECTION QC2 AT QUEEN-CHARLES SPACE

TREES IN PLANTER POTS
BIKE STORAGE / BIKE SHARE LOCATION
SEATING PLATFORM / STAGE AREA
STEEL TRUSSES / SHADE STRUCTURE
PIVING PATTERN / SURFACE TREATMENT EXTENSION OF QUEEN STREET SIDEWALK
CONCRETE PAVING FIELD CONNECTING BETWEEN TURF MOUNDS
TURF SEATING MOUNDS
BOLLARDS TO DEFINE LIMIT OF OPEN SPACE WITH LANEWAY

PARKETTE SPACE PAVING PATTERN / SURFACE TREATMENT
EXTENSION OF QUEEN STREET SIDEWALK
CONCRETE PAVING FIELD ALONG B CONNECTING BETWEEN CHARLES STREET

SECTION QC1 AT QUEEN-CHARLES SPACE

LIGHT COLONNA ALONG CHARLES STREET

SECTION QC2 AT QUEEN-CHARLES SPACE

SECTION QC2 AT QUEEN-CHARLES SPACE

EXISTING BUILDING FACE

ASPHALT ROLLED CONCRETE STAGE CURB ARTIFICIAL PAVED ARTIFICIAL PAVED ARTIFICIAL PAVED CONCRETE ROAD CURB SIDEWALK TURF AREA TURF AREA TURF AREA SIDEWALK

ASPHALT ROLLED CONCRETE PAVED CONCRETE ROAD CURB SIDEWALK AREA SIDEWALK

1:75 SHADE STRUCTURE

1:75 SHADE STRUCTURE
CONCEPT PLAN

- Cantenary lighting above suspended by steel arches
- Moveable seating, tables & planter pots
- Goudies Lane resurfacing & patterning to distinguish pedestrian / vehicle areas
- Pattern to delineate furnishing locations or setup areas for special events programming
- Bench seating with integral bike storage
- Entry arch at Goudies Lane
- Wayfinding signage integrated with steel truss paved seating area structure with steel arches tying into treatments at Vogelsang Green, with cantenary lighting above
- Raised planter to accommodate existing utilities, sides to act as seating opportunity
- Surface patterning (Type 2) to extend across Queen Street at Goudies Lane
- Tree in grates with below grade soil cells

CONCEPT PERSPECTIVES

- View looking north along Queen Street towards Duke Street from the Queen Street and Goudies Lane intersection
- Aerial view looking across the seating area towards Goudies Lane from above the existing parking lot
- Perspective from the east side of Queen looking across the seating area to Goudies Lane
- View looking east towards Queen Street from Goudies Lane

PRECEDENT IMAGES

- Images of street scenes.
VOGELSANG GREEN

CONCEPT PLAN

QUEEN STREET NORTH

BENCH SEATING AND TREES IN GRAPES ALONG QUEEN STREET FRONTAGE

WIDENED SIDEWALK AT VOGELSANG GREEN

QUEEN STREET NORTH

SEATWALL AT END OF LANDSCAPE PLANTING AREA

OPEN LAWN AREA

ACCESS LANE TO JOHN NORTON BUILDING

ACCESSIBLE WALKWAY CONNECTION FROM DUKE STREET TO THE JOHN NORTON BUILDING LANEWAY

VOGELSANG GREEN

PARK SIGNAGE OR WAYFINDING ELEMENT

STAIRS / SEAT STEP TO OPEN LAWN AREA

LID AREA (STORMWATER STORAGE) BENEATH PATIO AREA

PLAZA AREA ALONG DUKE STREET FRONTAGE WITH MOVEABLE SEATING AND TREES IN SOIL CELLS FOR SHADE

SEATING LEDGE OVERLOOKING OPEN LAWN AREA

STEEL ARCHES TO SUPPORT CANTENER LIGHTING ABOVE OPEN LAWN AREA

SEATWALL

CONCEPT PERSPECTIVES

PERSPECTIVE FROM DUKE STREET LOOKING ACROSS UPPER PLAZA AREA TOWARDS QUEEN STREET

PERSPECTIVE FROM QUEEN STREET LOOKING NORTH TOWARDS VOGELSANG GREEN

AERIAL PERSPECTIVE LOOKING OVER VOGELSANG GREEN FROM QUEEN STREET

PRECEDENT IMAGES
CITY OF KITCHENER
QUEEN STREET PLACEMAKING

CROSS SECTIONS

SECTION V1 AT VOGELSANG GREEN

SECTION V2 AT VOGELSANG GREEN

PRECEDENT IMAGES