

Report to London Advisory Committee on Heritage

To: Chair and Members
London Advisory Committee on Heritage

From: Gregg Barrett
Director, City Planning and City Planner

Subject: Heritage Alteration Permit Application by the Corporation of
the City of London for the English Street Infrastructure
Renewal Project, in the Old East Heritage Conservation
District

Meeting on: Wednesday December 9, 2020

Recommendation

That, on the recommendation of the Director, City Planning & City Planner, with the advice of the Heritage Planner, the application under Section 42 of the *Ontario Heritage Act* seeking approval for alterations English Street, within the Old East Heritage Conservation District, **BE PERMITTED**.

Executive Summary

English Street, between Dundas Street and Princess Avenue, will be reconstructed including full water main and sanitary replacement in 2021. As part of the project, the road width of English Street is proposed be narrowed between Queens Avenue and Princess Avenue, which will accommodate a wider boulevard to continue to support the heritage character of the Old East Heritage Conservation District. Additionally, the intersection of Queens Avenue and English Street will be improved within the existing road width limits, as well as dedicated, permanent bicycle lanes accommodated within the existing road width limit of English Street between Dundas Street and Queens Avenue. No negative impacts are anticipated for the Old East Heritage Conservation District or its cultural heritage resources as a direct result of the proposed English Street Infrastructure Renewal Project.

Analysis

1.0 Site at a Glance

1.1 Location

English Street is a north-south street between Dundas Street and Central Avenue, mostly located in the Old East Heritage Conservation District. The portion of English Street pertinent to this report is between Queens Avenue and Princess Avenue (Appendix A).

1.2 Cultural Heritage Status

English Street is located within the Old East Heritage Conservation District, designated pursuant to Part V of the *Ontario Heritage Act* by By-law No. L.S.P.-3383-111, passed on September 10, 2006.

1.3 Description

English Street was established by Registered Plan 304 (3rd), registered October 8, 1872, as part of the second survey of the land first granted to Nobel English in Lots 11-12, Concession I of the former London Township.

Located within land owned by Noble English, the residential area of the Old East Heritage Conservation District was developed from the 1860s into the 1930s. The first survey, between Adelaide Street North and Elizabeth Street, was completed in 1856 and establish the blocks that would be carried through the rest of the area. Following the death of Nobel English, his family continued to subdivided the land in to building lots for development. In 1872, Registered Plan 304 (3rd) was surveyed by Samuel Peters

and registered. It established English Street, a north-south roadway between Dundas Street and Elias Street (later extended to Central Avenue). English Street was surveyed with a 66' right of way (20.1m, one chain). In 1885, the Town of London East was annexed by the City of London.

English Street, like many of the original street names given to streets in the Old East Heritage Conservation District, is named for the English family.

Today, English Street maintains the original road width of 66' (20.1m) and accommodates at least two vehicle lanes and sidewalks on both sides of the road with grass or landscaped boulevards.

2.0 Heritage Alteration Permit Application

2.1 English Street Infrastructure Renewal Project

The City is reconstructing English Street, from Dundas Street to Princess Avenue and including approximately 100m of Lorne Avenue east of English Street. This project includes:

- Full water main replacement
- Full sanitary replacement
- Catch basin replacement and storm sewer replacement (additional capacity)

Construction is anticipated to occur in spring to late-fall 2021, with some follow up work expected in spring 2022.

2.2 Heritage Alteration Permit Application

In addition to the infrastructure replacement noted in Section 2.1 (above), Heritage Alteration Permit approval is triggered by two of the proposed components of the English Street Infrastructure Renewal Project:

1. Between Queens Avenue and Princess Avenue, the project is proposing to narrow the road asphalt width results in having to adjust the existing curb lines.
2. Reconfiguration of the Queens Avenue and English Street intersection to incorporate safety improvements, including reducing asphalt widths, improvements to road geometry, and incorporation of protection for the west-bound bicycle lane.

The proposed alteration to the road width of English Street is a major alteration in the Old East Heritage Conservation District. Infrastructure renewal projects do not typically alter the width of a road, particularly its paved portion, thus not typically requiring Heritage Alteration Permit approval. However, the proposed changes in the English Street Infrastructure Renewal Project have the potential to affect the heritage character of the Old East Heritage Conservation District and the objectives in Section 3.2 of the *Old East Heritage Conservation District Plan*.

The section of English Street from Dundas Street to Queens Avenue will be reconstructed. Dedicated, permanent bicycle lanes will be implemented within the existing paved portion of English Street.

Additionally, throughout the project:

- Green space, or gardens where existing, on the boulevards will be maintained wherever possible.
- Standard street signs (green with white text) within the project area will be replaced with Heritage Conservation District street signs (blue with white text, bump out portion on top).
- Street names will be stamped into the concrete sidewalk.
- The City is investigating the potential for street lighting more appropriate to the heritage character of the Old East Heritage Conservation District.

The project is anticipated to require tree removals.

The English Street Infrastructure Renewal Project is also abutting the Lorne Avenue Park construction project.

2.2.1 English Street from Queens Avenue to Princess Avenue

Between Queens Avenue and Princess Avenue, English Street is proposed to be narrowed from an existing width of approximately 8.6m to 7m. This change will necessitate the realignment of the curb lines, resulting in a widening of the grass boulevards (area between the curb and the sidewalk). The widened boulevard will be reinstated with grass or provide the opportunity to reinstate plantings (as existing).

Due to conflicts with the sanitary sewer, the boulevard widening is not able to be implemented symmetrically. In an attempt to minimize the visual impact of the “non-symmetrical” boulevards, the alignment of the sidewalk on the east side of English Street will be shifted towards the road by approximately 0.9m in order to bring the east and west boulevards widths more in line with each other. Ultimately, the west boulevard will be widened by approximately 0.2m (for a total width of approximately 1.0m) and the east boulevard will be widened by approximately 0.5m (for a total width of approximately 1.1m).

There is a significant white oak tree on the side yard of the property at 754 Queens Avenue (on the east side of English Street) that the City is endeavouring to retain. To achieve this, the existing sidewalk alignment will be maintained, resulting in a localized boulevard width of approximately 1.9m. The existing west sidewalk is planned to be maintained, as well.

The narrower road configuration will still allow for two-way vehicular traffic and will maintain the west side on-street parking, but will also act as a measure to reduce the travel speed of vehicular traffic along English Street.

General intersection improvements will incorporate sidewalk ramps and tactile plants for *Accessibility with Ontarians with Disabilities Act* (AODA) compliance.

2.2.2 Queens Avenue and English Street Intersection Alterations

Alterations to the intersection of Queens Avenue and English Street are proposed to improve the safety for pedestrians, cyclists, and vehicles, and include:

- Reducing the vehicle travel lane width through the intersection to 3.25m in order to slow down the vehicle traffic approaching and through the intersection;
- Reducing the curb radii at the intersection to slow vehicles making turning movements on-to or off-of Queens Avenue;
- Increasing the offset distance of and incorporating physical separation between the travel lane and the west-bound bicycle lane through the intersection by the implementation of curbed median islands;
- Full intersection pavement marking improvements including pedestrian crosswalk and green bike lane cross-rides through the intersection; and,
- Review of the existing traffic control signage and incorporation of new or revised signage as warranted.

The reconfiguration of the Queens Avenue intersection will also support the Queens Avenue project east and west of the English Street intersection (tentatively scheduled for 2022).

General intersection improvements will incorporate sidewalk ramps and tactile plants for *Accessibility with Ontarians with Disabilities Act* (AODA) compliance.

2.2.3 English Street from Dundas Street to Queens Avenue

This section of the English Street Infrastructure Renewal Project will generally maintain the road width, curb and sidewalk alignment, and boulevards.

Within the existing road width, the project will introduce dedicated permanent curb delineated north and south-bound bicycle lanes. The English Street bicycle lanes are critical cycling infrastructure as they provide inter-connection between the east-bound

(Dundas Street) and west-bound (Queens Avenue) cycle track. For visibility and winter maintenance considerations, the inside bicycle lane curbing will be outfitted with reflective markers (similar to the reflectors on the Colborne Street cycle track).

The implementation of bicycle lanes along English Street will necessitate the removal of the on-street parking (presently permitted on the west side of English Street).

2.3 Community Consultation

As part of the Infrastructure Renewal Project, there have been several points of community consultation:

- Project Notice Letter #1 was mailed to affected properties within and adjacent to the project design and construction limits, as well as the Old East Village Community Association and Old East Village Business Improvement Association on January 31, 2020.
- A virtual project introduction and preliminary design presentation overview meeting with the City's project design teams, representatives of the Old East Village Community Association, the Old East Village Business Improvement Area, and other steering group members on August 13, 2020.
- A second virtual project design consideration meeting was held on October 7, 2020 with representatives of the Old East Village Community Association and residents.

A second Project Notice Letter and Project Update Meeting will be held prior to construction. A public open house is typically hosted by the City in advance of Infrastructure Renewal Projects. However, COVID-19 may affect the ability to host an in-person public open house in advance of the English Street Infrastructure Renewal Project. The City is exploring alternative consultation methods.

3.0 Legislative and Policy Framework

Cultural heritage resources are to be conserved and impacts evaluated as per fundamental policies in the *Provincial Policy Statement (2020)*, the *Ontario Heritage Act*, *The London Plan* and the *1989 Official Plan*. More specific, area-based policies and guidelines – part of the *Old East Heritage Conservation District Conservation Plan & Conservation Guidelines* – contain policies establishing intention and specific guidelines that provide direction on how to achieve the conservation of cultural heritage resources, heritage attributes, and character.

3.1 Provincial Policy Statement

Heritage conservation is a matter of provincial interest (Section 2.d, *Planning Act*). The *Provincial Policy Statement (2020)* promotes the wise use and management of cultural heritage resources and directs that “significant built heritage resources and significant cultural heritage landscapes shall be conserved” (Policy 2.6.1).

“Significant” is defined in the *Provincial Policy Statement (2020)* as, “resources that have been determined to have cultural heritage value or interest.” Further, “processes and criteria for determine cultural heritage value or interest are established by the Province under the authority of the Ontario Heritage Act.”

Additionally, “conserved” means, “the identification, protection, management and use of built heritage resources, cultural heritage landscapes and archaeological resources in a manner that ensures their cultural heritage value or interest is retained.”

3.2 Ontario Heritage Act

Section 42(1) of the *Ontario Heritage Act* requires that a property owner not alter, or permit the alteration of, the property without obtaining Heritage Alteration Permit approval. The *Ontario Heritage Act* enables Municipal Council to give the applicant of a Heritage Alteration Permit:

- a) The permit applied for
- b) Notice that the council is refusing the application for the permit, or
- c) The permit applied for, with terms and conditions attached (Section 42(4),

Ontario Heritage Act)

Municipal Council must make a decision on the Heritage Alteration Permit application within 90 days or the request is deemed permitted (Section 42(4), *Ontario Heritage Act*).

Furthermore, Section 41.2(1) requires that Municipal Council shall not carry out any public work in a Heritage Conservation District that is contrary to the objectives set out in the applicable Heritage Conservation District Plan.

3.3 The London Plan/Official Plan

The London Plan is the new Official Plan for the City of London (Municipal Council adopted, approved by the Minister with modifications, and the majority of which is in force and effect). *The London Plan* policies under appeal to the Local Planning Appeal Tribunal (Appeal PL170100) and not in force and effect are indicated with an asterisk throughout this report. *The London Plan* policies under appeal are included in this report for informative purposes indicating the intent of the Municipal Council, but are not determinative for the purposes of this application.

The policies of *The London Plan* found in the Key Directions and Cultural Heritage chapter support the conservation of London's cultural heritage resources.

Policy 61_5 of *The London Plan*, "Protect what we cherish by recognizing and enhancing our cultural identity, cultural heritage resources, neighbourhood character, and environmental features."

Policy 62_9 of *The London Plan* notes the municipality's primary initiatives to "Ensure new development is a good fit within the context of an existing neighbourhood," and Policy 554_3 to "ensure that new development and public works are undertaken to enhance and be sensitive to our cultural heritage resources." To help ensure that new development is compatible, Policies 554_3, *565_, and *594_ of *The London Plan* provides the following direction:

Policy 554_3 Ensure that new development and public works are undertaken to enhance and be sensitive to our cultural heritage resources.

Policy *565_ New development, redevelopment, and all civic works are projects on and adjacent to heritage designated properties and properties listed on the Register will be designed to protect the heritage attributes and character of those resources, to minimize visual and physical impact on these resources.

Policy *594_

1. *The character of the district shall be maintained by encouraging the retention of existing structures and landscapes that contribute to the character of the district.*
2. *The design of new development, either as infilling, redevelopment, or as additions to existing buildings, should complement the prevailing character of the area.*
3. *Regard shall be had at all times to the guidelines and intent of the heritage conservation district plan.*

Policy 13.3.6 of the 1989 *Official Plan* (1989, as amended) states that:

- i) *The character of the district shall be maintained by encouraging the retention of existing structures and landscape features;*
- ii) *The design of new development, either as infilling or as additions to existing buildings, should complement the prevailing character of the area;*
- iii) *Regard shall be had at all times to the guidelines and intent of the Heritage Conservation District Plan; and,*
- iv) *Development on land adjacent to designated Heritage Conservation Districts shall be encouraged to be sensitive to the characteristics of the District.*

3.4 **Old East Heritage Conservation District Conservation Plan & Conservation Guidelines**

The Old East Heritage Conservation District was designated pursuant to Part V of the *Ontario Heritage Act* by By-law No. L.S.P.3383-111 and came into force and effect on September 10, 2006. The *Old East Heritage Conservation District Plan & Guidelines* provides policies and guidelines to help manage change for the nearly 1,000 properties located within its boundaries.

The goals and objectives of the designation of the Old East as a Heritage Conservation District are found within Section 3.2 of the *Old East Heritage Conservation District Conservation Plan*. The streetscape goals and objectives are:

Maintain and enhance the visual, contextual and pedestrian oriented character of Old East's streetscapes and public realms by:

- *Recognizing that the area's heritage includes streets, parks, trees, open spaces, monuments, street furniture, signs and all manner of items that contribute to the visual experience of a community, whether public or privately owned.*
- *Maintain existing street trees, vegetation, boulevard, or develop replacement programs where necessary.*
- *Minimize the visual impact of vehicle parking on the streetscape.*

To achieve these objectives, policies are established in the *Old East Heritage Conservation District Plan*; street trees (Section 5.2), boulevards (Section 5.3), signage (Section 5.5), lighting (Section 5.6), street furniture (Section 5.7), and vehicle parking (Section 5.8).

The street trees are emphasized as an "inseparable element that defines the overall character of the district" (Section 5.2.1, *Old East Heritage Conservation District Conservation Plan*). Policy recommendations in Section 5.2.3 emphasize the important of tree planting to maintain the streetscape with appropriate species of a minimum size (100mm calliper diameter at breast height). Specifically regarding infrastructure projects,

Any road-works or general construction that will impact the root zones of the existing mature street trees should be executed under the supervision of municipal forestry staff, or outside consultants, such as certified arborists or registered professional foresters, with the opportunity to review engineering plans and provide and implement tree preservation/protection measures. Trees should be inspected during and after construction to ensure tree protection measures were in place and maintained, and that post construction conditions within the root protection zone have been restored to equal or better conditions.

Appropriate planting species are found in Section 5.2.3 of the *Old East Heritage Conservation District Conservation Plan*:

- Norway Maple
- Silver Map
- Sugar Maple
- Baumann Horsechestnut
- Native Basswood
- Little Leaf Linden
- Homestead Hybrid Elm
- Pioneer Hybrid Elm
- Sapporo Autumn Gold Hybrid Elm

There are additional species of potentially appropriate plant material (for residential landscapes) in Section 5.4 of the *Old East Heritage Conservation District Conservation Guidelines*.

The policies of Section 5.3 of the *Old East Heritage Conservation District Conservation Plan* highlight the importance of the boulevards which “serve as a green ribbon that strings the urban fabric of the district together.” The policies state:

- All boulevards should be maintained as green space, serving as an important buffer between vehicular and pedestrian space within the streetscape.
- The paving of boulevard in hard surface material is highly discouraged. Where boulevards have been hard surfaced (e.g. portions of Dufferin Avenue), it is recommended that they be restored to green space at the time any street reconstruction or other infrastructure improvements are undertaken.
- Plant materials other than turf grass may be appropriate.

The policies of Section 5.5 (Signage) include reference to the City’s Heritage Conservation District street sign program, which is partially implemented in the Old East Heritage Conservation District.

The policies of Section 5.6 (Lighting) notes that the current “cobra head” lighting fixture mounted on the wood hydro poles are not sensitive to the heritage character of the Old East Heritage Conservation District. The policies of Section 5.6 recommend the replacement of the “cobra head” light fixtures with fixtures that are more appropriate as well as the burial of overhead wires.

Section 5.7 of the *Old East Heritage Conservation District Conservation Plan* provides recommendations for street furniture. No street furniture is anticipated as part of the English Street infrastructure renewal project.

The policies of Section 5.8 of the *Old East Heritage Conservation District Conservation Plan* continue to discourage vehicle parking in the front yard and boulevard.

4.0 Key Issues and Considerations

4.1 Consistent with the Objectives of the Old East Heritage Conservation District Plan?

Section 41.2(1) of the *Ontario Heritage Act* requires that no public work be carried out that is contrary to the objectives of a Heritage Conservation District Plan. The proposed alterations for the English Street Infrastructure Renewal Project have been reviewed and no conflict identified with the objectives of the *Old East Heritage Conservation District Conservation Plan*.

No direct impacts to any private properties within the Old East Heritage Conservation District arising from the English Street Infrastructure Renewal Project is proposed. All cultural heritage resources within the project area will be conserved and no permanent adverse impacts are anticipated.

4.2 Impacts to Street Trees

A street tree assessment and inspection were completed by the project arborist (consultant) and the City’s Arborist and Forestry Supervisor. Eighty-two (82) trees were assessed; five (5) were identified as necessitating removal due to structural or health considerations combined with construction impacts, representing only 6% of the assessed trees. Final tree removal and impacts related to the English Street Infrastructure Renewal Project will be confirmed through Detailed Design.

Retained trees will be protected with fencing during construction, and enhanced trunk protection where warranted.

Additional construction measures will be implemented to minimize the number of tree removals required and to retain certain significant specimens (white oak tree at 754 Queens Avenue, linden tree at 741 Queens Avenue, and silver maple tree at 792 Lorne Avenue), including:

- Retaining limited sections of the existing sidewalk where removal may otherwise compromise the stability of the tree or damage its roots;

- Trenchless replacement of certain water services in direct conflict with a tree; and,
- Limited sections of trenchless sewer or water main installation to avoid undermining the tree (stability) or damaging its roots.

This proposed approach demonstrates the City's commitment to conserve as many street trees as possible in compliance with the objectives and the direction of Section 5.2.3 of the *Old East Heritage Conservation District Conservation Plan*.

The recommendations and preferred tree species identified in the *Old East Heritage Conservation District Conservation Plan* and *Old East Heritage Conservation District Conservation Guidelines* have been provided to Urban Forestry for consideration when replanting in the Old East Heritage Conservation District, including minimum replacement specimen sizes.

4.3 Impacts to Boulevards

Road alteration projects generally require the widening or expansion of a paved surface at the expense of a grass or landscaped boulevard. The boulevards in the Old East Heritage Conservation District are an important heritage attribute and the policies of the *Old East Heritage Conservation District Conservation Plan* support the retention and preservation of the grass boulevards.

The proposed narrowing of English Street, between Queens Avenue and Princess Avenue, will maintain and widen the existing boulevards. This is anticipated to have a positive impact on the Old East Heritage Conservation District by increasing the area suitable to support the "green ribbon" along the streetscape and provide additional potential opportunities for small street trees.

The increase in the area of the boulevard is insufficient to support the parking of vehicles, either perpendicular or parallel to English Street, in private driveways.

4.4 Heritage Conservation District Program Implementation

Within the limits of the English Street Infrastructure Renewal Project, the City will continue to implement the Heritage Conservation District Street Signage program using the existing design for the Old East Heritage Conservation District. This will include replacement of street signs that do not comply with the Heritage Conservation District Street Signs standard (e.g. standard green and white street sign) or those signs have gone missing since their installation.

Additionally, the street names will be stamped into the sidewalks that are replaced as part of the English Street Infrastructure Renewal Project. This initiative commenced with infrastructure replacement projects in the East Woodfield Heritage Conservation District, and is now being implemented in infrastructure projects on Euclid Avenue, in the Wortley Village-Old South Heritage Conservation District, and recently on Waterloo Street in the Bishop Hellmuth Heritage Conservation District. This should continue to be implemented only in London's Heritage Conservation Districts.

4.5 Street Lighting

A more appropriate street lighting fixture has been identified as the preferred fixture for the English Street Infrastructure Renewal Project, as well as potential future applications in London's Heritage Conservation Districts (see Appendix D). The SDL LED fixture from Streetworks is more sympathetic to the heritage character of the Old East Heritage Conservation District than the existing "cobra head" fixtures and achieves the City's other design criteria (e.g. technical specifications, dark sky friendly).

Civic Administration is working to add this fixture to the City's Pre-Approved Street Lighting Fixtures list for future applications.

4.6 Coordination with Construction of Lorne Avenue Park

Following the demolition of the former Lorne Avenue Public School building at 723 Lorne Avenue, a Heritage Alteration Permit (HAP20-014-L) was approved with terms

and conditions for the future Lorne Avenue Park. The Lorne Avenue Park is currently under construction. The easterly boundary of the Lorne Avenue Park fronts English Street and is adjacent to the English Street Infrastructure Renewal Project.

In consultation with Parks Planning, there are a number of coordination opportunities that will be implemented between the English Street Infrastructure Renewal Project and the Lorne Avenue Park construction, including:

- Construction of the three (3) concrete “porches” along English Street which were initially identified for Phase 2 of the park development. The “porches” include a garden will feature obelisks and include plants from the *Old East Heritage Conservation District Conservation Plan* guidelines.
- Implementing a portion of the Lorne Avenue Park’s English Street frontage boulevard landscaping and planting plan.
- Boulevard restoration along the English Street frontage of the Lorne Avenue Park, including removal of asphalt and reinstate turf.
- Installing the irrigation water service connection.
- In an effort to minimize disruption, avoid damage to permanent features, and limit throwaway costs by coordinating the construction of the main entrance to the Lorne Avenue Park at the English Street/Lorne Avenue intersection through the installation of a temporary entrance path in 2020 and a permanent concrete entrance in 2021.

The original Lorne Avenue School bell has been restored and installed in the Lorne Avenue Park near to the corner of Lorne Avenue and English Street in compliance with the terms and conditions of the demolition of the former school building. The bell will be protected for potential impacts arising from the English Street Infrastructure Renewal Project. The lettering from the former Lorne Avenue Public School building has also been recently installed on the sage in the centre of the park. A wrap of the existing utility box has also been installed that depicts a historical photograph of the Lorne Avenue Public School from circa 1967. A base has been installed in the park to receive the future interpretive sign detailing the history of the Lorne Avenue Public School.

4.7 Coordination with Dundas Street Old East Village Reconstruction

The Dundas Street Old East Village reconstruction project will “stub out” at English Street, with the English Street Infrastructure Renewal Project continuing the reconstruction work. The portion of English Street between Dundas Street and Queens Avenue is anticipated to be one of the final phases of the English Street Infrastructure Renewal Project to avoid conflict between the two projects.

4.8 On-Street Parking on English Street

Civic Administration have also investigated parking along English Street. The “school zone” no parking on the west side of English Street can be eliminated. This will allow for approximately eight additional legal on-street parking spaces to be permitted.

5.0 Conclusion

Infrastructure Renewal Projects within London’s Heritage Conservation Districts do not typically require Heritage Alteration Permit approval when there is no alteration to the road width or paved surfaces, as these projects replace “like with like.” From time to time, changes arising from an infrastructure project may be considered which could have a potential impact the cultural heritage values or heritage attributes of a cultural heritage resources. For the English Street Infrastructure Renewal Project, no adverse impacts are anticipated as a direct result of the proposed alterations. The narrowing of English Street, between Queens Avenue and Princess Avenue, is anticipated to continue to support and maintain the heritage character of the Old East Heritage Conservation District by conserving and increasing the “green ribbon” of the streetscape and providing potential opportunities for street trees. The proposed alterations comply with the objectives of the *Old East Heritage Conservation District Conservation Plan* and support, maintain, and enhance the conservation of the Old East Heritage Conservation District. Sensitivity has been demonstrated in the designs presented for

the English Street Infrastructure Renewal Project, particularly where more compatible street lighting can be introduced, the continued implementation of the Heritage Conservation District street sign program, and the stamping of street names in the sidewalks . The Heritage Alteration Permit for the English Street Infrastructure Renewal Project should be permitted.

5.1 Acknowledgments

This report was prepared with the assistance of Ryan Armstrong, Technologist II, Sewer Engineering Division, and Julie Michaud, Landscape Architect, Parks Planning & Design.

Prepared and Submitted by:	Kyle Gonyou, CAHP Heritage Planner
Recommended by:	Gregg Barrett, AICP Director, City Planning and City Planner
<p>Note: The opinions contained herein are offered by a person or persons qualified to provide expert opinion. Further detail with respect to qualifications can be obtained from City Planning.</p>	

November 30, 2020
kg/

CC Peter Kavcic, Transportation Design Engineer

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- Appendix A Location
- Appendix B Images
- Appendix C English Street Infrastructure Renewal Project drawings
- Appendix D Preferred Street Lighting Fixture

Links

Staff report on Heritage Alteration Permit application for the Lorne Avenue Park (HAP20-014-L): <https://pub-london.escrimemeetings.com/Meeting.aspx?Id=3fe3429c-2298-492e-85ff-11adbe05bc32&Agenda=Agenda&lang=English> (see Item 5.1)

Staff report on Demolition Request for Heritage Designated Property at 723 Lorne Avenue, Old East Heritage Conservation District: <https://pub-london.escrimemeetings.com/Meeting.aspx?Id=6547d932-f657-47d4-9fdd-9f59e960be73&Agenda=Agenda&lang=English> (see Item 10)

Sources

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- Corporation of the City of London. (2019). *Register of Cultural Heritage Resources*. London: ON.
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- Corporation of the City of London. (2006). *Old East Heritage Conservation District Conservation Plan and Old East Heritage Conservation District Conservation Guidelines*. London: ON.
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Ontario: Queen's Printer for Ontario.

Appendix A – Location



Figure 1: General location of the English Street Infrastructure Renewal Project, on English Street between Dundas Street and Princess Avenue, including approximately 100m of Lorne Avenue east of English Street.

Appendix B – Images



Image 1: Photograph showing the existing conditions of the southwest intersection of English Street and Queens Avenue.



Image 2: Photograph showing the existing street signs at English Street and Princess Avenue, which will be replaced with the Heritage Conservation District Street Signs for the Old East.



Image 3: Photograph showing the Old East Heritage Conservation District Street Sign.



Image 4: Photograph showing the street name stamping, recently completed at Grosvenor Street and Waterloo Street in the Bishop Hellmuth Heritage Conservation District.

Appendix C – English Street Infrastructure Renewal Project drawings

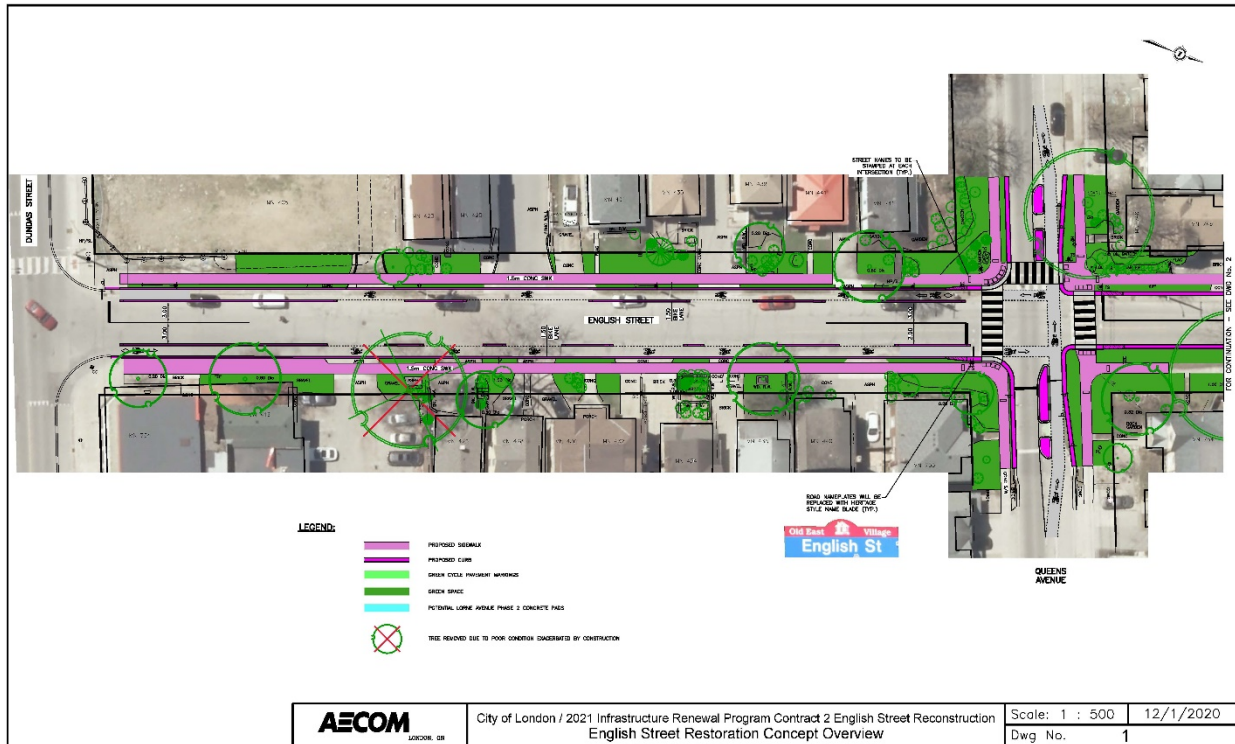


Figure 2: English Street Infrastructure Renewal Project design drawings for English Street between Dundas Street and Queens Avenue.

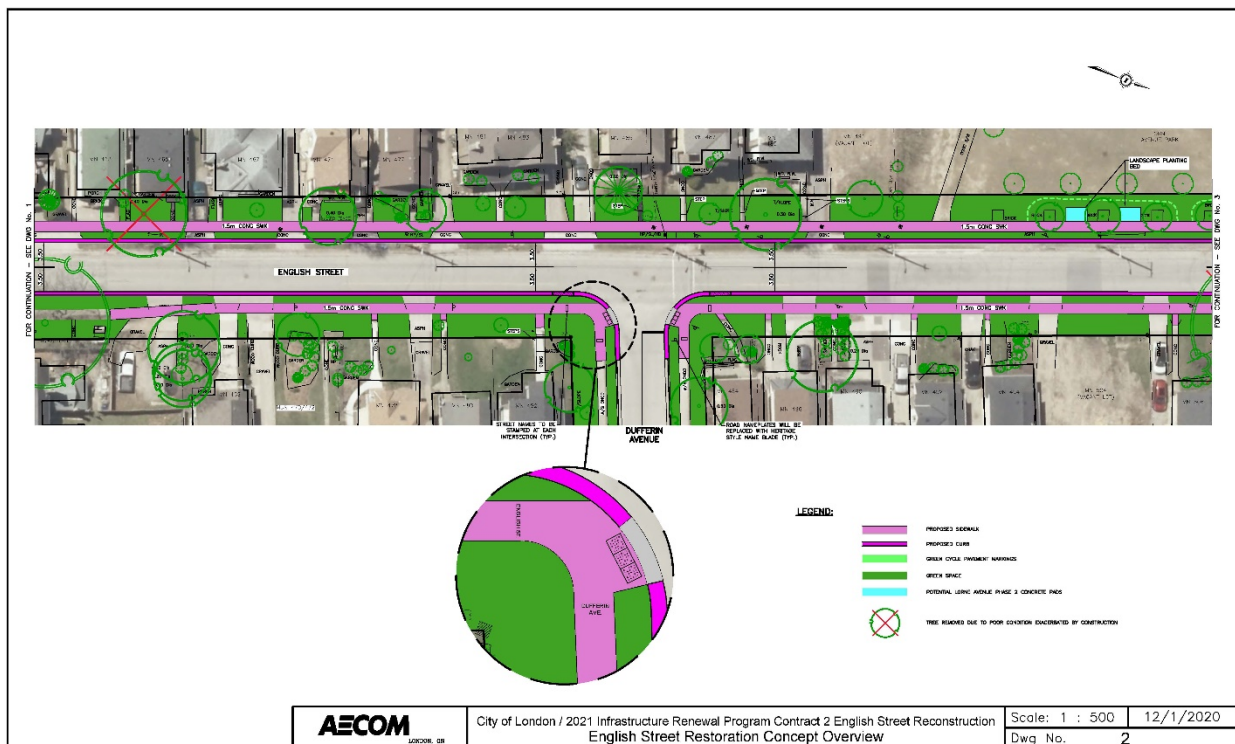


Figure 3: English Street Infrastructure Renewal Project design drawings for English Street between Queens Avenue and Dufferin Avenue. Note: specifications for street name stamping at corners and Heritage Conservation District street signs.

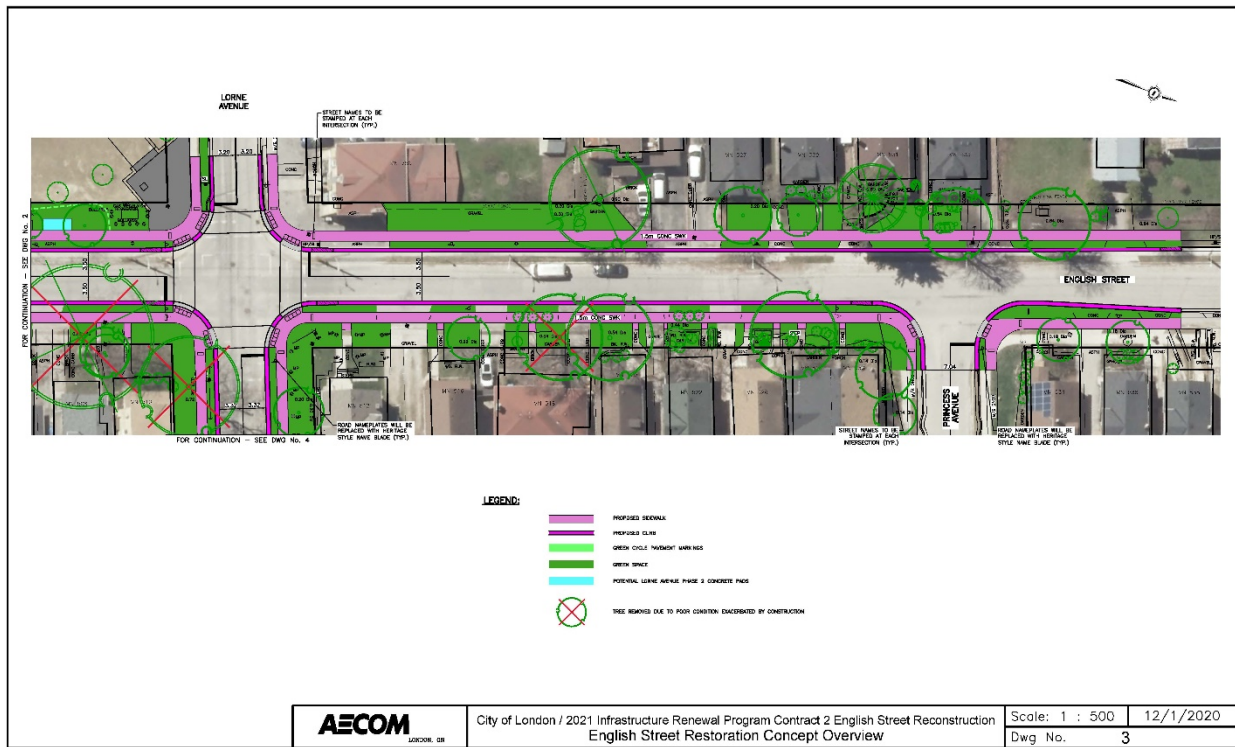


Figure 4: English Street Infrastructure Renewal Project design drawings for English Street between approximately Dufferin Avenue and Lorne Avenue. Note: interface of English Street at Lorne Avenue Park.

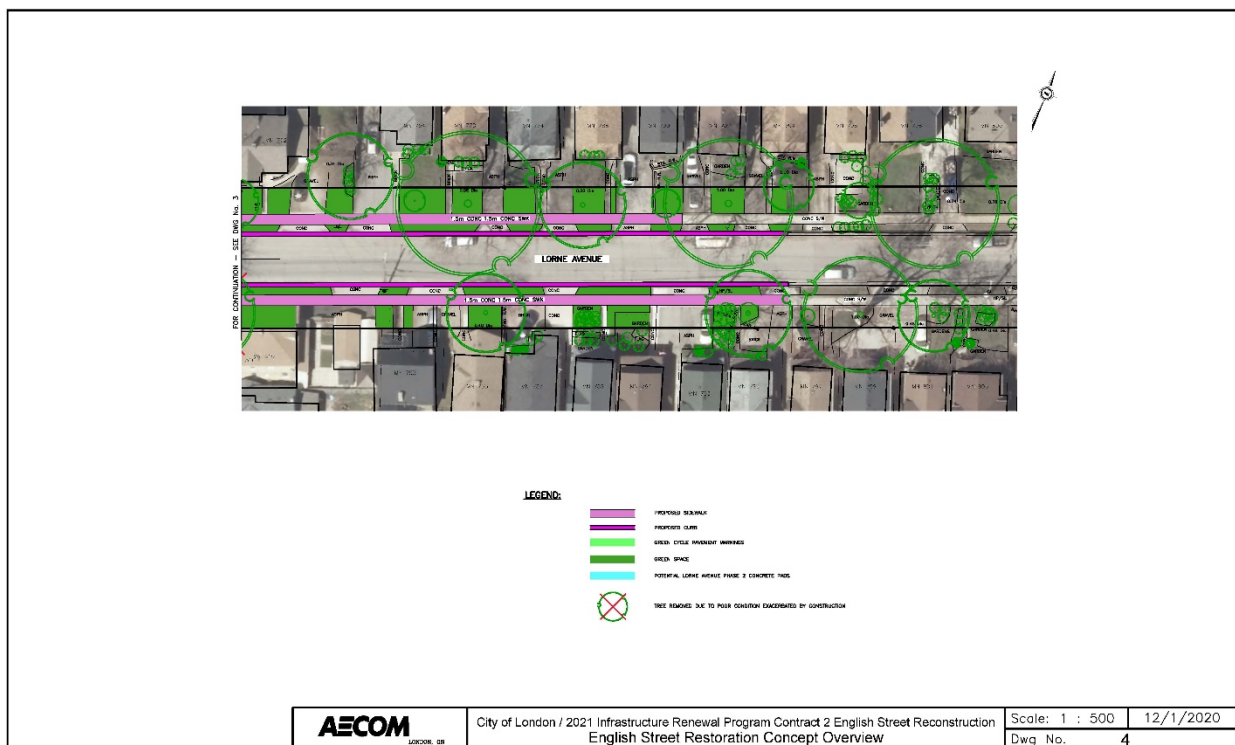
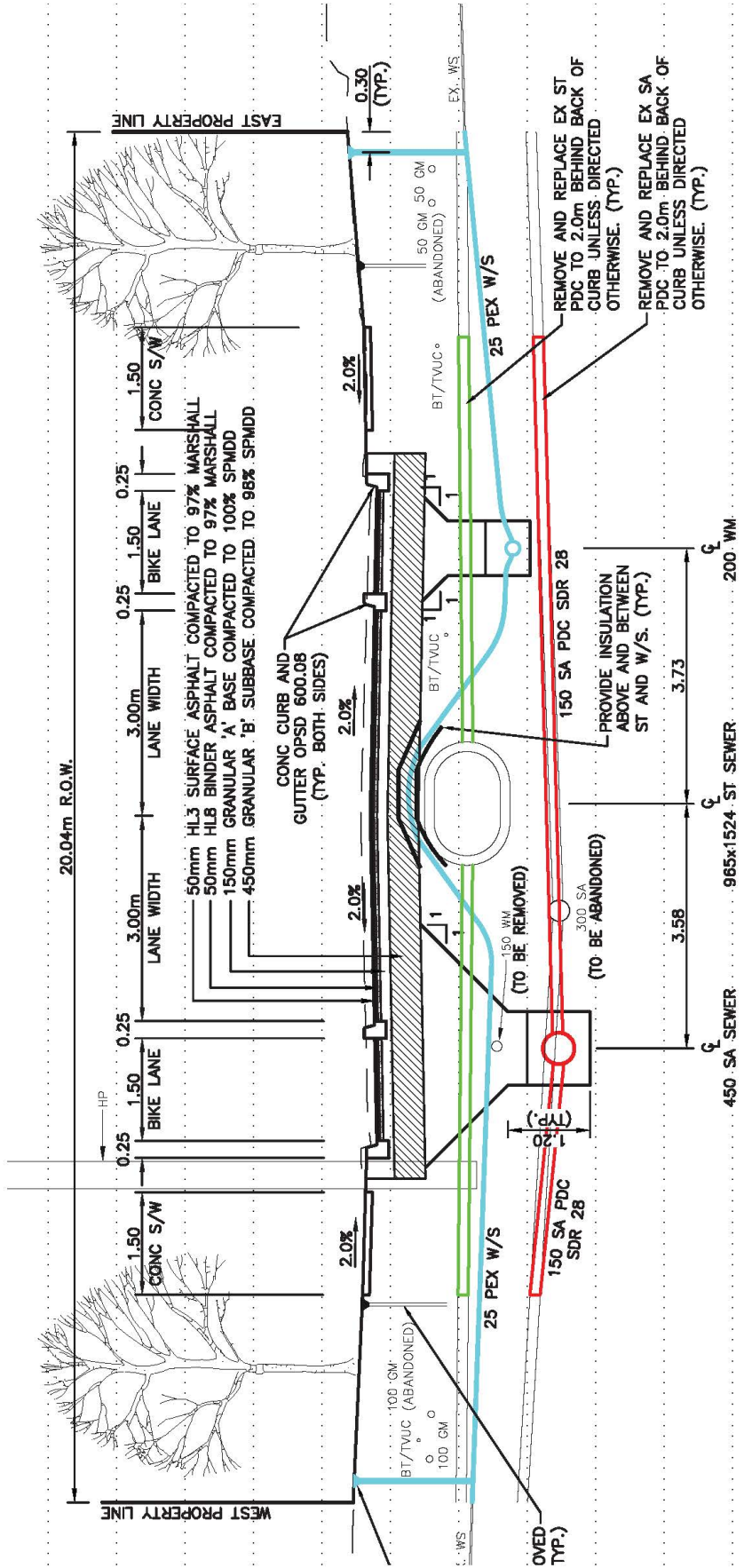
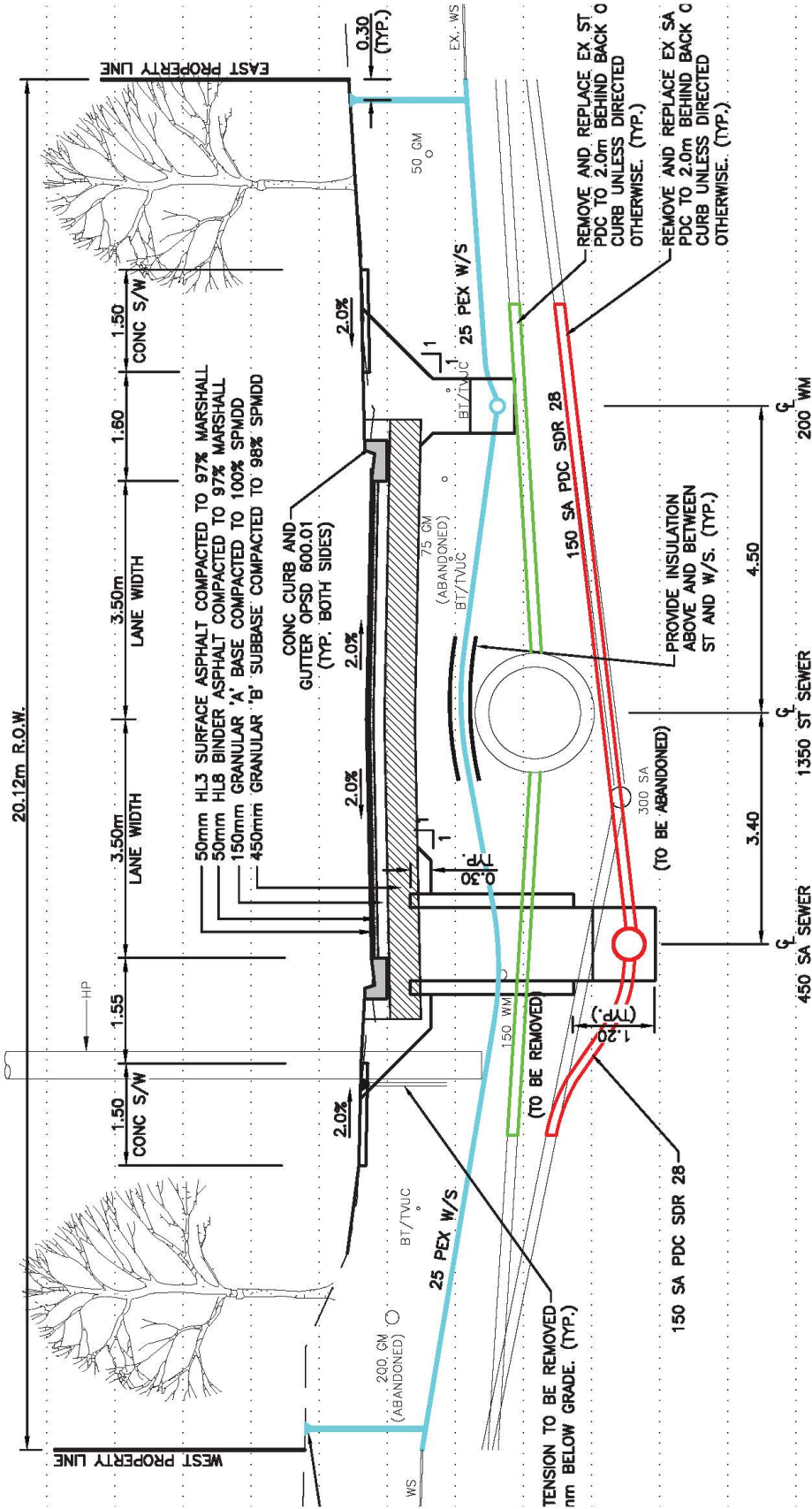


Figure 5: English Street Infrastructure Renewal Project design drawings for English Street between Lorne Avenue and Princess Avenue, including approximately 100m of Lorne Avenue east of English Street.



ENGLISH STREET (DUNDAS STREET TO QUEENS AVENUE) - STATION 1+095

Figure 6: Cross-section of English Street Infrastructure Renewal Project for English Street between Dundas Street and Queens Avenue.



ENGLISH STREET (QUEENS AVENUE TO LORNE AVENUE) - STATION 1+280

Figure 7: Cross-section of English Street Infrastructure Renewal Project for English Street between Queens Avenue and Lorne Avenue.

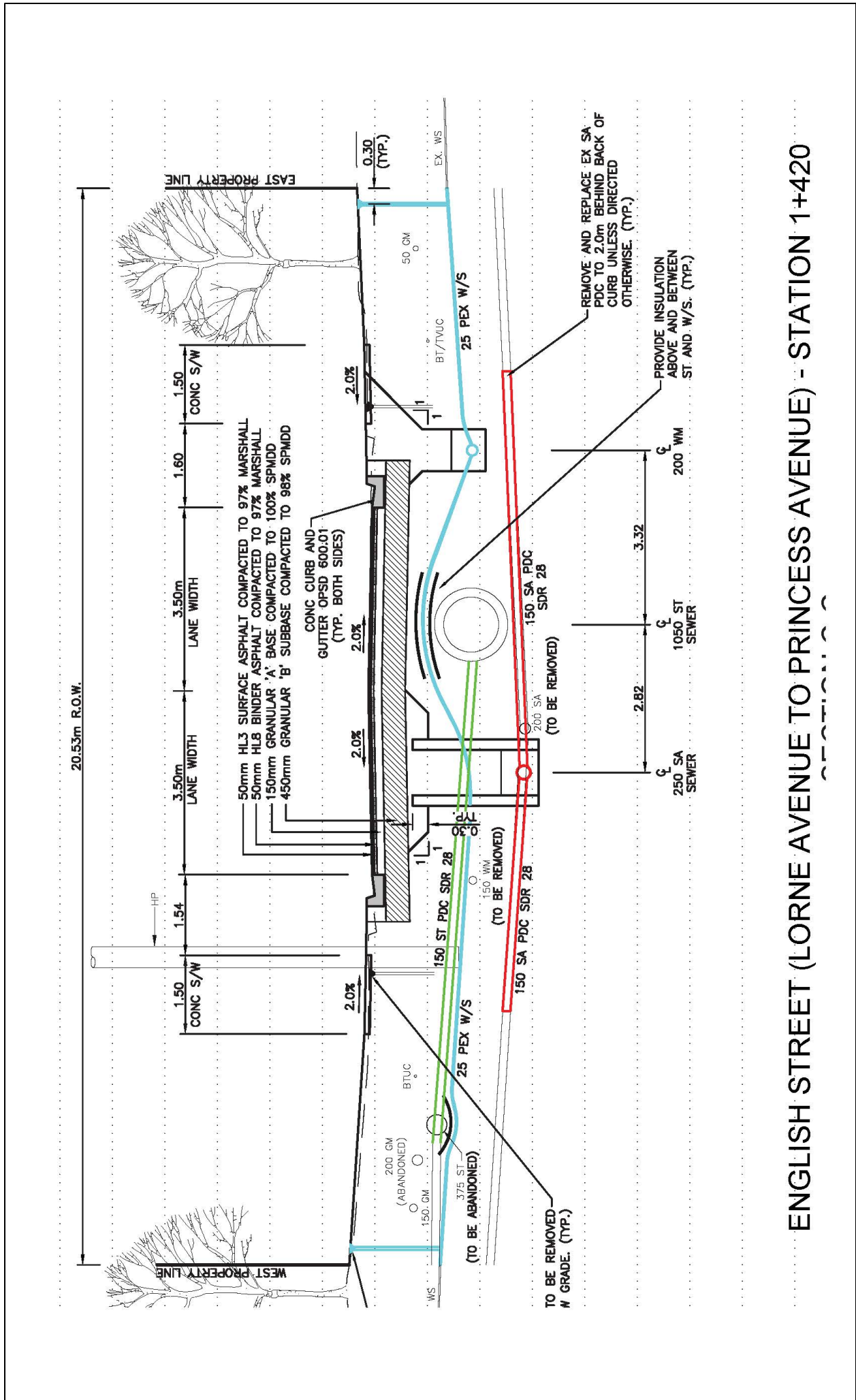


Figure 8: Cross-section of English Street Infrastructure Renewal Project for English Street between Lorne Avenue and Princess Avenue.

Appendix D – Preferred Street Lighting Fixture

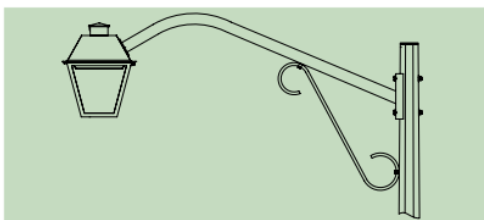
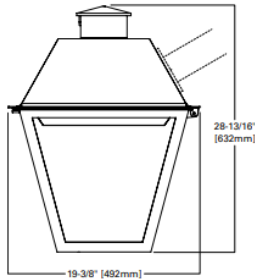
SDL LED Arm Mount

Distinctive Styling. Architectural Complement.

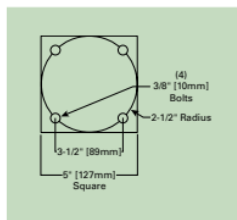
The SDL LED outdoor luminaire displays the old-fashioned charm of traditional area lighting, enhancing any setting with distinctive styling. As a decorative luminaire, the SDL LED tastefully complements the architectural and environmental design of parks and roadways. The high-lumen downlight configuration uses Cooper Lighting Solutions' patented LightBAR™ technology to deliver uniform and efficient illumination to pedestrian and roadway applications.

PRODUCT FEATURES

- Decorative luminaire with old-fashioned charm
- Lumen packages ranging from 2,300 - 8,708 lumens
- Standard 4000K CCT 70 CRI, optional 3000K, 5000K, or 5700K CCT
- 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz
- Type II, III, IV, and V distributions available
- Integrated control options via 4 pin or 7 pin NEMA receptacle
- IP66 rated, 3G rated, and UL/cUL listed



Mounting Configuration (arm sold separately)



Mounting Detail



QUICK FACTS

- Die-cast aluminum housing
- Lumen package range from 2300 lm – 10500 lm
- Dimming driver optional
- Type 2,3,4 distribution option available
- Optional NEMA Photocontrol receptacle
- 10kV/10kA surge protection standard
- Universal 120-277V operation
- Five Year warranty
- Approximate weight 40 lbs. (18 kgs.)
- 1.5G rated (Fixture and Arm)
- DesignLights Consortium® Qualified*

*www.designlights.org

Figure 9: Product information on the SDL LED Arm Mount from the Streetworks line from Cooper Lighting, the preferred street lighting fixture for the Old East Heritage Conservation District. This fixture can be affixed to the existing hydro poles.