LAKE MACQUARIE TOWN CENTRE STREETSCAPE MASTER PLANS

The 2008/2009 Management Plan and Budget identified the need to provide high quality public domains and a city identity. The Streetscape Master Plans provide a document that identifies this vision and provides a plan for its implementation. The Streetscape Master Plans are intended to improve the aesthetic appearance of the town centres, promote the areas personality, increase opportunity, accessibility, functionality, economic effect and provide a modern easily maintainable public domain.

The Streetscape Master Plans ensure a unified approach to undertaking public domain works by Council, developers and the community. It also assists in directing public and private investments and will inform the chamber of commerce in the preparation of strategic plans.

The Streetscape Master Plans are substantially focused on the areas currently zoned 3(1) Urban Centre (Core) and 3(2) Urban Centre (Support) under Lake Macquarie LEP 2004. These are the areas of each of the town centres where the majority of commercial activity will occur. These areas are also the most likely to undergo change in the future.

The consideration and collation of all relevant issues resulted in this overall priority order for the Streetscape Master Plans:

1. Charlestown - completed and adopted by Council
2. Cardiff - completed and adopted by Council
3. Belmont - completed and adopted by Council
4. Toronto
5. Morisset
6. Warners Bay
7. Glendale
8. Swansea
9. Mount Hutton

Note: the planning documents listed above are current at the time of adoption of this Streetscape Master Plan. When using these documents please confirm that you have the latest versions.

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Owner: Asset Management
Users: All Council staff, the community and developers.
Prepared by: City Design
OBJECTIVES / VISION FOR TORONTO
To enhance Toronto’s unique physical location between the lake shore and the Watagan Mountain range
To build on Toronto’s identity as a retail and commercial centre.
To create hubs for alfresco dining in a number of locations
To protect and enhance Toronto’s heritage
To connect the town centre with the lake foreshore
To create clean lines and reduce street clutter
To retain on street parking to support businesses
To enhance the character of surrounding streets
To retain the strongly vegetated qualities of The Boulevarde
To promote the use of existing laneways.

GENERAL TOWN CENTRE OBJECTIVES / VISION
To create a vibrant new town centre
To enhance safety and accessibility
To create a walkable connected town centre
To create a consistent character
To link key areas
To provide a sustainable environment
To provide facilities for public art
To provide high quality furniture, lighting and paving
To enhance the character of surrounding streets
To provide for transport options in the town centre
To promote walking, cycling and public transport
Use of water sensitive urban design principles to minimise stormwater impacts and improve street amenity.
To activate the precinct as a safe and inviting destination

CONSTRAINTS
Services and awnings constrain tree planting opportunities.
Past development and maintenance has led to varied pavement styles.
Roads & Maritime Services (RMS) requirements will be applicable for any state managed roads.

NOTE:
Refer page 1 for planning controls.

ADDITIONAL PLANNING CONSIDERATIONS FOR TORONTO STREETSCAPE MASTER PLAN:
- The Toronto Transportation Strategy
- Newcastle Lake Macquarie Bike Plan 1996 - adopted
- LMCC Draft Cycling Strategy - adopted
- LMCC Public Art Strategy
- Toronto Economic Development Plan - A Guide to Town Centre 3 Year Strategic Plans - Adopted
- Draft Asset Management Plans - Current conditions and replacement schedule
- LMCC Draft Footpath Strategy

The plan acknowledges the requirement for more detailed master planning for some locations.
These documents have been reviewed and considered as part of this plan. Where these initiatives or any others are adopted or modified the Streetscape Master Plan should be updated to reflect this.
**Street Type A**

**DESCRIPTION**
Located at the eastern section of The Boulevarde, this street type occupies the focal point of social and commercial life in Toronto. This section of The Boulevarde undulates gently toward the Lake, providing views both to east and west. It’s distinctive character derives in part from the steep level change from kerb to shopfronton the southern side, which has led to the existing array of retaining walls and ramps. This street will be provided with full-width unit paving in a random stretcher-bond pattern. Complemented by custom designed street furniture this pavement will create a strong sense of place and provide the community with a pleasing and long-lasting pavement.

**OBJECTIVES**
To create a strong sense of place.
To maximise pedestrian space and amenity.
To provide a strong and pleasant pedestrian environment and microclimate.
To encourage activities such as busking, street markets and parties, and outdoor dining.
To preserve and enhance the street's connection with the lake.
To enable visual connection to the Watagans to the west.
To increase and improve opportunities for outdoor dining.
To create restful places to enjoy the views.
To retain the street's existing vegetated feel with smaller trees and more low-level planting.
To improve the ability to maintain the streetscape.
To reduce the risk of damage to private property from existing invasive street trees.
To maximise use of water sensitive urban design.

**EXISTING CONSTRAINTS**
Large established trees that are impacting on pedestrian amenity and footpaths.
Patchwork of existing paving types.
Large level changes from kerb to shopfront.
Wide carriageway and on-street parking reduce available space on the footpath.
Numerous existing underground services, some very old and difficult to locate.
High pedestrian volumes.
Constricted spaces created by existing trees and retaining walls.
Existing trees reduce visual access to Lake.
Limited opportunities to cross road.

**Materials and Furniture Selections**

**Street Trees**
Locations: TBA - allow for min. 1 tree / lot at max. 16m spacings.
Tree Pit Construction: as per LMCC Standard Details + custom root vault design
Tree Guards: Custom
Tree Grates: Custom

**Pavement**
Tri-tone grey and orange random stretcher bond 20A:20B:60C
A = Urbanstone Commercial Range, colour - Golden Gunmetal, finish - shotblast, size 300 x 400 x 60
B = Urbanstone Commercial Range, colour - New Amber, finish - shotblast, size 300 x 400 x 60
C = Urbanstone Commercial Range, colour - Esturay Grey, finish - shotblast, size 300 x 400 x 60

**Permeable Paving**
Eco-tri hex: Colour - Natural; Finish - shot blast.

**Tactile Paving**
Proprietary pavers in contrasting colour.

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**Streetscape Technical Guidelines** (under development)
Street Type B

DESCRIPTION
Located along the western side of Victory Pde this street type addresses the interface between the town centre and Regatta Walk Foreshore Reserve (a separate master plan has been adopted for the reserve). The narrow footpaths are a significant constraint to pedestrian amenity and tree planting, however by continuing pavement finishes across pedestrian crossings and into the reserve a visual and physical linkage can be emphasised. Street type B will be provided with full-width concrete paving with banding and feature nodes in unit paving. Complemented by high quality street furniture this pavement will contribute to the town centre’s identity. Where possible street trees will be provided in the road pavement and stainless steel balustrading will be installed to accommodate abrupt level changes.

OPPORTUNITIES
Create new pedestrian crossings to connect with the Regatta Walk Foreshore Reserve at key locations such as the old Toronto station and the Greenway at the north western end of the reserve. Widen the footpath and provide outdoor dining opportunities by extending into the parking lane. Improve pedestrian usage opportunities and potential for economic activity in the foreshore area.

OBJECTIVES
To create a strong sense of place and connection with The Boulevards. To provide a robust and pleasant pedestrian environment. To emphasise the street’s visual and physical connection with the lake. To maximise opportunities for appropriate tree planting, and to match tree species with existing native planting along foreshore.

EXISTING CONSTRAINTS
Narrow footpath in places. Overhead powerlines. Level changes / high kerb. Existing underground services.
Materials and Furniture Selections
Note: full details are provided in a separate document - Toronto Streetscape Technical Guidelines (under development).

**Furniture**

Street furniture may be clustered around key locations to create activity nodes in consultation with LMCC. Spacings provided below are maximums and additional furniture items may be required for some developments.

**Bench Seats**

Locations: 30-50m intervals and at key locations identified by LMCC. Spacing will be reduced to 15m on steep parts of Cary St.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Waste Receptacles**

Locations: 30-50m spacing + key locations such as bus and taxi stands, fast food outlets etc.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Bike Racks**

Locations: key locations including near cycle routes and near outdoor dining areas.
Selection: City Wide bike rack - refer to Streetscape Technical Guidelines.

**Drinking Fountains**

Locations: key locations including pedestrian nodes and near cycle routes.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Bollards**

Locations: where required to prevent or control pedestrian or vehicle access.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Balustrade**

Locations: key locations as identified by LMCC staff.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Lighting**

Locations: TBA / Upgrade to comply with AS1158.3.1 where required.
Selection: TBA.

**Street Trees**

Locations: Allow for min. 1 per lot at max. 16m spacing.
Tree Pit Construction: as per LMCC Standard Details
Tree Guards: Custom
Tree Grates: Custom

**Pavement**

**Main Paving**

Full-width plain grey concrete with banding.

**Banding / Borders**

Urbanstone Commercial Range, colour - Golden Gunmetal, finish - shotblast, size 300 x 400 x 60

**Feature Paving**

Tri-tone grey and orange random stretcher bond 50A:20B:30C
A=Urbanstone Commercial Range, colour - Golden Gunmetal, finish - shotblast, size 300 x 400 x 60
B=Urbanstone Commercial Range, colour - New Amber, finish - shotblast, size 300 x 400 x 60
C=Urbanstone Commercial Range, colour - Esturay Grey, finish - shotblast, size 300 x 400 x 60

**Permeable Paving**

Eco-trihex; Colour - Natural; Finish - shot blast.

**Tactile Paving**

To comply with AS1428.
Selection: City Wide selection - refer to STG's.
Street Type D

DESCRIPTION

Located in intermediate areas with a mix of residential and commercial uses, including parts of Brighton Ave, Cary St, Donnelly Ave, James St, Bay St and The Boulevard west of Cary St.

Street type D combines wide footpaths with turf verge and street trees to provide a pleasant and accessible environment.

Wide concrete paths with unit-paving details will be complemented by high-quality street furniture. Proprietary furniture will be selected from the LMCC city-wide furniture suite as detailed in the Streetscape Technical Guidelines (under development).

OBJECTIVES

To improve appearance and continuity of these streets.
To blend commercial and residential uses.
To create a strong connection with the centre’s core.
To provide pleasant and easy access to homes and businesses.
To provide a safe and pleasant pedestrian environment.

EXISTING CONSTRAINTS

Overhead powerlines.
Inappropriate existing tree species.
Patchwork of existing paving types.
Mix of residential and commercial uses.

Materials and Furniture Selections

Note: full details are provided in a separate document - Toronto Streetscape Technical Guidelines (under development).

Furniture

Street furniture may be clustered around key locations to create activity nodes in consultation with LMCC. Spacings provided below are maximums and additional furniture items may be required for some developments.

Bench Seats

Locations: 50-80m intervals and at key locations identified by LMCC.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Waste Receptacles

Locations: 100-200m spacing + key locations such as bus and taxi stands, fast food outlets etc.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Bike Racks

Locations: key locations as identified by LMCC staff.
Selection: City Wide selection - refer to STG’s.

Drinking Fountains

Locations: key locations including pedestrian nodes and near cycle routes.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Bollards

Locations: where required to prevent or control pedestrian or vehicle access.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Balustrade

Locations: key locations as identified by LMCC staff.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Lighting

Locations: TBA / To comply with AS1158.3.1 where required.
Selection: TBA.

Street Trees

Locations: TBA - allow for min. 1 tree / lot at max. 16m spacings.
Tree Pit Construction: as per LMCC Standard Details
Tree Guards: City Wide selection - refer to Streetscape Technical Guidelines.
Tree Grates: City Wide selection - refer to Streetscape Technical Guidelines.

Pavement

Main Paving

Plain grey concrete > 2m wide adjacent to property boundary. New paths should not be narrower than any existing path in the same location.

Banding / Borders

Urbanstone Commercial Range, colour - Golden Gunmetal, finish - shotblast, size 300 x 400 x 60

Tactile Paving

To comply with AS1428.
Selection: City Wide selection - refer to STG’s.
**Street Type E**

**DESCRIPTION**
Located on a small number of streets in quieter areas adjacent to both commercial and residential uses, including parts of Arnott and Bath Streets and part of Excelsior Parade.

Street type E provides a minimum 1.2m wide concrete path in combination with turf verges and street trees to provide a pleasant and accessible environment.

This street type is complemented by the same high-quality street furniture as Street Type D.

**OBJECTIVES**
To provide pleasant and easy access to homes and businesses.
To retain a domestic feel adjacent to residential areas while connecting with commercial areas.
To create a connection with the centre’s core.
To provide a safe and pleasant pedestrian environment.

**EXISTING CONSTRAINTS**
Proximity of commercial and residential uses.
Narrow verges with no footpaths.
No kerb and gutter in places.
Overhead powerlines.
Patchwork of existing paving types.

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**Materials and Furniture Selections**
Note: full details are provided in a separate document - Toronto Streetscape Technical Guidelines (under development).

**Furniture**
Street furniture may be clustered around key locations to create activity nodes in consultation with LMCC. Spacings provided below are maximums and additional furniture items may be required for some developments.

**Bench Seats**
Locations: 50-80m intervals and at key locations identified by LMCC.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Waste Receptacles**
Locations: 100-200m spacing + key locations such as bus and taxi stands, fast food outlets etc.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Bike Racks**
Locations: key locations including near cycle routes and near outdoor dining areas.
Selection: City Wide bike rack in combination with custom planter - refer to Streetscape Technical Guidelines.

**Drinking Fountains**
Locations: key locations including pedestrian nodes and near cycle routes.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Bollards**
Locations: where required to prevent or control pedestrian or vehicle access.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Balustrade**
Locations: key locations as identified by LMCC staff.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

**Lighting**
Locations: TBA / To comply with AS1158.3.1 where required.
Selection: TBA.

**Street Trees**
Locations: TBA - allow for min. 1 tree / lot at max. 16m spacings.
Tree Pit Construction: per LMCC Standard Details.
Tree Guards: City Wide selection - refer to Streetscape Technical Guidelines.
Tree Grates: City Wide selection - refer to Streetscape Technical Guidelines.

**Pavement**
Main Paving: Plain grey concrete minimum 1.2m wide.
Banding / Borders: Urbanstone Commercial Range, colour - Golden Gummetal, finish - shotblast, size 300 x 400 x 60
Tactile Paving: To comply with AS1428.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.
Street Types L1 and L2

DESCRIPTION
Toronto has a unique urban fabric that includes a number of existing laneways and may include more in the future. It is important that these laneways are treated in a way that makes them safe and interesting places to go and that they are seen as an inviting part of the town centre.

Street types L1 and L2 have been created to promote opportunities for activation and to guide development on existing and future laneways.

While aiming to provide a sense of cohesion between each of the laneways and the town centre generally, it should also be possible to highlight the idiosyncrasies of each laneway where desirable to do so.

Street Type L1 refers to those laneways that are narrow, linear spaces enclosed between buildings and/or fences. Street type L2 has been created to cover those pedestrian ways in Toronto town centres that occur in open spaces but where pedestrian movement is constrained to a narrow path, such as through an open car park or beside a driveway.

OBJECTIVES
To highlight the network of existing and future laneways.
To emphasise Toronto as a pleasant and interesting pedestrian destination.
Use design elements to provide visual cues to promote use of laneways.
Maximise safety through use of CPTED principles.
In Street Type L2 to provide safe separation between pedestrians and vehicles.
Also in Street Type L2 to provide clearer wayfinding cues to pedestrians in large open areas.
To provide opportunities for seating and even small-scale outdoor dining in laneways.
Where appropriate to introduce artistic elements to laneways.

EXISTING CONSTRAINTS
Restricted access.
Varied ownership.
Pedestrian/motor vehicle conflicts.
Patchwork of existing paving types.

TYPICAL DIMENSIONS
Road reserve width:
Verge width:
Adjacent landuse(s):

Materials and Furniture Selections
Note: full details are provided in a separate document - Toronto Streetscape Technical Guidelines (under development).

Furniture
Street furniture may be clustered around key locations to create activity nodes in consultation with LMCC. Spacings provided below are maximums and additional furniture items may be required for some developments.

Bench Seats
Locations: 30-50m intervals and at key locations identified by LMCC.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Waste Receptacles
Locations: 30-50m spacing + key locations such as bus and taxi stands, fast food outlets etc.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Bike Racks
Locations: key locations including near cycle routes and near outdoor dining areas.
Selection: City Wide bike rack in combination with custom planter - refer to Streetscape Technical Guidelines.

Drinking Fountains
Locations: key locations including pedestrian nodes and near cycle routes.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Bollards
Locations: where required to prevent or control pedestrian or vehicle access.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Balustrade
Locations: key locations as identified by LMCC staff.
Selection: City Wide selection - refer to Streetscape Technical Guidelines.

Lighting
Locations: TBA / To comply with AS1158.3.1 where required.
Selection: TBA.

Street Trees
Locations: TBA - street tree planting opportunities to may be identified in future but generally these street types will not be planted.
Tree Pit Construction: as per LMCC Standard Details
Tree Guards: Custom
Pavement

Main Paving
New laneways should use the feature paving described below.
Retrofitting to existing laneways should aim to repair existing pavements to a high standard and to identify opportunities for new feature paving as described below.

Banding / Borders
N/A

Feature Paving
Refer to Street Type A main paving.
Permeable Paving
Eco-trihex: Colour - Natural; Finish - shot blast.

Feature Paving
To comply with AS1428.
Selection: City Wide selection - refer to STG's.
Street Tree Selection

SITE ANALYSIS
The master plan area includes three main soil landscapes, with topography varying from low-lying flood plain to gently rolling hills. The trees shown on this plan have been selected to suit the area’s natural soils and to compliment existing street character and/or established trees.

The eastern section of The Boulevarde is a significant focal point of the area, and has a strong and unique physical character, derived in part from the existing mature fig trees. However the large existing fig trees present significant management challenges, and for this reason changes will occur to the tree planting in this location. This plan involves a program of staged replacement of the fig trees with a smaller tree more suited to street planting, and it will involve removal of trees along the northern side of this section of The Boulevarde to improve visual connection between street and both the lake to the east and the mountains to the west. These changes are described more fully in sheets 10 and 11 of this streetscape master plan.

OBJECTIVES
To create a strong sense of place.
To provide all the social benefits that street trees bring.
To reinforce the natural and scenic values of the area.
To select trees that will thrive in the extant conditions of the area.
To minimise long-term maintenance.
To compliment the area’s natural and cultural heritage.
To improve microclimate.
To provide habitat for native fauna.

CRITERIA
Criteria considered in selecting trees for this master plan include:
- Native species
- Evergreen
- Mature size
- Reliability
- Maintenance requirements
- Potential fruit / flower drop
- Habitat value

For the replacement street tree for The Boulevarde, the following minimum requirements must be met:
- Native species
- Evergreen
- Available in super-advance size (5-6m tall)
- Large mature size
- Low maintenance
- Reliable street tree - examples in similar contexts.

Note: tree locations will be decided by LMCC in consultation with developers. Spacings given in this document are minimums that can be used for planning a development. At least one tree should be allowed for in every development.
Boulevard Concept

This concept plan for The Boulevard has been prepared to show how the street may be developed over the next few years. The locations of street trees and furniture shown on this plan is indicative and may change. More detailed design is required to determine final locations for retaining walls, ramps, stairs, trees, furniture, etc.

Principles
- Reduce visual obstruction / open views to lake and mountains
- Remove trees on northern side of The Boulevard, and retain or replace trees on the southern side
- Create rest opportunities where views can be enjoyed
- Maximise pedestrian space
- Reduce garden bed area and create vertical gardens
- Use new retaining walls as opportunities for public art or vertical gardens
- Provide banner poles to be used for installations of event based art or temporary “canopy” art installations (see p. 12)
- Promote alfresco dining
- Provide distinctive covered dining / seating areas as a feature along the southern footpath
- Create spaces to encourage street activity such as busking, craft markets or street parties
- Largely retain existing road design and parking layout
- Improve disabled parking
- Increase compliance with disabled access standards
- Improve connectivity across The Boulevard and across Pemell St.
- Allow for any outcome in relation to the existing fig trees: retention, removal or staged succession (note: if this plan is adopted by Council the Tree Replacement Plan on the following page will be implemented)
- Accommodate changes proposed in the Area Plan, specifically the opening to traffic between The Boulevard and Courtroom Lane.

Town Square with new one-way traffic lane linking The Boulevard and Donnelly Ave

Pedestrian node with new furniture and views of lake. Potential busking or pop-up market location.

Fig tree removed to open views to lake and create opportunity for new pedestrian / activity node

New pre-cast concrete retaining walls with art work

New Trees in pre-cast concrete tree "vaults"

New pavement extended across Pemell St in contrasting colour to create threshold. Existing crossing reconfigured to suit redesigned footprint.

New Trees in footpath

New pre-cast concrete outdoor dining shelters

New banner poles arranged in pairs at high point of The Boulevard. See p. 12 for description of possible uses.

New tree planting in footpath creates more extensive tree canopy with smaller species than existing figs

New custom furniture includes bench seats with planters

New custom furniture

Rest space with view to Watagans

New custom bus shelter and expanded waiting area with undercover bike parking

New custom furniture

Covered outdoor dining area

Vertical gardens created on face of retaining walls

New banner poles arranged in pairs at high point of The Boulevard. See p. 12 for description of possible uses.

New tree planting in footpath creates more extensive tree canopy with smaller species than existing figs

New custom furniture includes bench seats with planters

New custom furniture

Rest space with view to Watagans

New custom bus shelter and expanded waiting area with undercover bike parking

New custom furniture

Covered outdoor dining area

Vertical gardens created on face of retaining walls

New banner poles arranged in pairs at high point of The Boulevard. See p. 12 for description of possible uses.

New tree planting in footpath creates more extensive tree canopy with smaller species than existing figs

New custom furniture includes bench seats with planters

New custom furniture
Boulevard Tree Replacement

For a number of reasons some changes will be made to the existing street trees on The Boulevard. The existing trees, dominated by the large and established fig trees, make a significant contribution to the town centre's sense of place. However the positive contribution of the trees is balanced by a number of negative impacts, including damage to underground services, damage to footpaths, and blocking visual access to the lake from most pedestrian vantage points along The Boulevard.

It is proposed that The Boulevard's existing trees will be replaced by a larger number of new trees of a different species that will recreate the street's existing avenue feel but at a more human scale, and without the damage and risk caused to local business and Council assets by the existing trees.

In order to improve the street's visual connection with the lake and mountains, it is proposed to concentrate tree planting on the southern side of the street, with only low planting on the northern side.

Fig Trees

The eight larger figs on the southern side of the street, while being a dominant and unique feature of the locality, have a number of significant issues. The trees have been causing damage to underground services for a number of years and there is no practical solution to the problems caused by the trees’ extensive root systems and canopies.

Following a process of analysis, Council officers have recommended staged replacement of all The Boulevard's existing fig trees with a more suitable species. The adoption of this Streetscape Master Plan by Council will signal the potential implementation of this staged replacement.

Northern Side

The trees on the northern side of The Boulevard include Canary Island Date Palms and a single Hill's Weeping Fig. If the future tree canopy on The Boulevard is concentrated on the southern side of the street, this allows the northern side to be kept free of visual clutter, thus allowing views to both the lake and mountains from numerous vantage points along the footpath.

The single existing fig tree on the northern side is proposed for removal because, although only semi-mature it is the same species as those trees on the southern side of street and will in time pose the same problems. By removing this fig and the existing Date Palms on the northern side of The Boulevard it will be possible to open views to the lake and west to the Watagans, thus emphasising Toronto's unique physical location. Upgrade of the footpath on the northern side will be undertaken in conjunction with adjoining private development.

Southern Side

To mitigate potential adverse visual or amenity impacts of tree removal it is proposed that the replacement of the fig trees on the southern side of The Boulevard would be undertaken as a single multi-stage project in conjunction with an upgrade of the entire footpath.

Precise staging details cannot be determined until further detailed design work has been completed, however staging should be as protracted as practical within the constraints of Councils funding procedures.

The information on this page shows how staging may be implemented, and provides a point of comparison between a street upgrade with fig tree replacement and with the existing trees retained.

Southern Side Tree Replacement

The diagrams above show one possible option for staging of tree replacement on the southern side of The Boulevard.

A Fauna Habitat Assessment has been undertaken on the fig trees, and recommends that replacement be undertaken during the period Apr - Aug to minimise possible impact on native animals.
The images and text on this page demonstrate the proposed character and style of furniture and art elements proposed for use in this Streetscape Master Plan. The images are indicative only and are not a commitment that any particular element shown will be used.

Public art in this master plan is concentrated in the main retail and commercial precinct on The Boulevard, and in the lanes and public squares adjoining it. There is also ample opportunity for public art along the foreshore reserve, but that area is not covered by this master plan.

The text boxes and images on this page outline specific themes that can be explored in the main art elements. These thematic ideas are flexible and may be reinterpreted by individual artists, however common to all public art that is part of this master plan should be a respect for the unique physical and heritage qualities of Toronto and a sense of inclusiveness of people. Artwork produced by local artists would help to build Toronto’s community and sense of place.

**Canopy Art**
With existing and possible new banner poles along The Boulevard, and a proposed canopy installation over the high-point of The Boulevard, there is potential for event focused ephemeral art to enliven the street. Banners and canopy objects could acknowledge key dates and events, bringing a sense of joy and celebration to the street.

Themes / keywords: ephemeral; canopy; light and shadow; colour; wind.

**Vertical Art**
The Boulevard, when refurbished, will include numerous vertical surfaces that could support large-scale multi-location art or a series of smaller pieces. Retaining walls and custom furniture items will provide the canvas for a unique interpretation of local heritage.

Themes / keywords: linear; bas relief; water craft; indigenous people; water craft; materiality.

**Town Square**
The refurbished Toronto Town Square will become an important local place, and there is an opportunity here for art that encourages public ownership of and activity in the space.

Themes / keywords: inclusive; playful; space; occupy; water.

**Street Activity**
Outdoor dining, busking, street parties and events. Art and furniture elements should be used to create spaces or activity nodes at a variety of scales in the town centre where people can enjoy communal activity or simply sit and take in the views.

Themes / keywords: activity; community; view; party; music.

**Custom Furniture**
Bespoke street furniture in combination with high quality proprietary furniture can help to create a sense of identity for urban areas. Geometry and colour can be used to interpret historic themes, and particular elements can be used to create new planting that is lower and less intrusive than large trees.

Themes / keywords: heritage; colour; boat shed; geometry, vertical gardening; geology; timber; steel.