Mountain Drive Park

MASTER PLAN

Draft Report

Prepared for the City of Hamilton

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Prepared on Behalf of: The City of Hamilton

Prepared by:
The MBTW Group
Project Lead
Landscape Architect

MJS Consultants Inc.
Electrical Engineer

MTE
Civil Engineer
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• The MBTW Group (with MJS Consultants Inc., and MTE Consultants)
• Mountain Drive Park Resident Task Force Members
• Hamilton Residents
Introduction
1.0 Introduction

1.1 Overview

Mountain Drive Park is an important piece in Hamilton’s open space fabric, providing approximately 7.8 acres (3.2 hectares) of park space at the top of the Niagara Escarpment, within the Ward 6 and 7 boundaries, and the Raleigh and Sunninghill/Highview neighborhoods.

Mountain Drive Park is a popular destination for walking, cycling and play. The park is best known for it’s views of the lower City and Lake Ontario. The playground, green space with mature trees, pathways and trail connections are well used.

The Mountain Brow Trail runs along the northern perimeter of the park and along the north side of Mountain Park Avenue. The park provides an important connection, destination and gateway along the greater Mountain Brow Trail network.

Although the park has served the community for decades, many of the facilities have reached the end of their lifespan, and various upgrades are required to continue to safely serve the evolving local community.

1.2 Purpose

The City of Hamilton initiated the planning process for the Mountain Drive Park Master Plan to establish direction for the revitalization of the park.

The purpose of the Master Plan is to establish a long-term vision to guide City staff and Council on the improvement and addition of park facilities in Mountain Drive Park, and enhancements to the Mountain Brow Trail along Mountain Park Avenue.

The Master Plan will establish a vision for future park improvements, identify a budget, and identify a timeline for implementation.

The Master Plan document is based on the needs and interests of the community as identified through the public engagement process, and represents one year of public outreach, stakeholder consultation, and cross-departmental input and review.
1.3 What is a Master Plan?

A Master Plan is a planning tool that helps guide the decision making process for park improvements. The Master Plan process is often carried out for unique parks that have city-wide usage, undefined recreational needs, or parks with unique characteristics.

Consultation with the community, and internal and external stakeholders is essential in guiding park improvements, including enhancements and new additions to the park.

Once a vision for the park is established, a budget and timeline for implementation can be determined.

- Inventory and analysis of existing features and performing studies (Geotechnical Study, Crime Prevention Through Environmental Design Review etc.).
- Review of municipal, provincial and federal policies.
- Review of other City of Hamilton master plans.
- Develop a vision statement and list of community priorities (based on community and stakeholder consultation).
- Create park development options / design alternatives.
1.0 Introduction

Master Plans follow an established process, however, their iterative nature allows for the plan to be built, refined, and improved while simultaneously receiving input from the community and stakeholders.

1.4 Master Plan Process

The objective of the Master Plan process was to develop a unified vision for the park that would be driven by community and stakeholder feedback.

The diagram below illustrates the process from the inventory and analysis stage through to acceptance of the Master Plan document.

- Evaluate park development options (with input from community and stakeholders).
- Create preferred development option for the park.
- Summarize all of the information collected throughout the master plan process.
- Establish a vision for the future park improvements.
- Identify a budget.
- Identify a timeline for implementation.
- Share Master Plan report with community and stakeholders.
Study Area & Existing Park Features

2.0
2.0 Study Area & Existing Park Features

2.1 Study Area

Mountain Drive Park is situated at the top of the Niagara Escarpment, and provides a unique destination for Hamilton residents and visitors.

The park is located at 935 Concession Street, in Wards 6 and 7. The ward boundary line splits the park approximately in half.

Mountain Drive Park is bounded by the edge of the Escarpment to the north and east, Concession Street to the south, and Mountain Park Avenue to the west.

The Mountain Brow Trail travels east-west through the park at the edge of the Escarpment, continues further west along the north side of Mountain Park Avenue, and further east along Mountain Brow Boulevard.

Mountain Drive Park and the adjacent Mountain Brow Trail both serve the local residential community with a large portion of park users walking or jogging to the park. The park also attracts users visiting the Juravinski Hospital.

Certain points along the trail at Mountain Park Avenue provide panoramic views of Lake Ontario and the lower City, and are great photo opportunities.

Mountain Drive Park’s Existing Features:

1. Playground
2. Junior and Senior Swing Sets
3. Washroom Building / Picnic Area
4. Parking Area (approximately 21 spaces)
5. Interpretive Signage
6. Site Furnishing / Seating
7. Trees
8. Open Lawn
9. Lookout Areas (to the lower City)
10. Multi-use Trail
11. Escarpment Barrier
12. Hydro Easement

Mountain Brow Trail’s Existing Features:

13. Multi-use Trail
14. Lookout Areas (to the lower City)
15. On-street Parking (12 spaces)
16. Parking Area (14 spaces)
17. Escarpment Barrier
18. Site Furnishing / Seating
19. Planting / Floral Displays
20. Trees

Surrounding Features and Destinations:

A. The Escarpment Rail Trail
B. Gage Park
C. Concession Street / Concession Street BIA
D. Juravinski Hospital
Figure 1: Study Area Map
2.0 Study Area & Existing Park Features

2.2 Existing Park Features

This section outlines the existing amenities at Mountain Drive Park, and the existing conditions along the Mountain Brow Trail north of Mountain Park Avenue, providing the background understanding necessary to plan for the park’s future redevelopment.

2.2.1 Mountain Drive Park

Playground

The existing playground is well used and a main attraction for the park. The play structure is in fair condition, however, it is approaching the end of its life cycle. The existing mulch surfacing is not accessible to someone with a mobility device, there is no accessible route to the playground from the sidewalk or parking area, and there are few accessible play elements.

Junior and Senior Swing Sets

The park has two swings sets, one with six junior swings and one with four senior, belt swings. The posts for the swing sets are in poor condition and are showing signs of rust. There is currently no accessible bucket swing.

Washroom Building / Picnic Area

The Washroom Building has reached the end of its life cycle and is in a state of disrepair. The adjoining covered picnic area with picnic tables poses safety concerns as it’s hidden from view and cannot by monitored by Hamilton Police Services from Concession Street. The interlocking brick pathway to the building has deteriorated and warped over time.

The existing park building is equipped with sanitary sewer, water, and electrical.

The City is planning to replace the existing washroom building in a parallel process.

Parking

The Main Parking Area has approximately 21 parking spaces and seems sufficient for park users. Currently, people have to cross the Main Parking Area to access the park and playground. The Parking Area at Upper Sherman Avenue (labeled #16 on page 9) is often used by visitors to the Juravinski Hospital, and there is little indication that this Parking Area is for park use.
Interpretive Signage
There is Interpretive Signage located at the east end of the park. The sign provides information on John William Kerr, a fishing regulation enforcer, environmentalist and conservationist who worked in and around Hamilton for nearly a quarter of a century, and lived across from Mountain Drive Park.

Site Furnishing / Seating
The park has benches, trash receptacles, and some lighting along the parking areas and Mountain Park Avenue. The Mountain Brow Trail is not lit. The playground does not have shaded seating, and some benches are offset quite far from the Mountain Brow Trail. The park does not currently have any bicycle parking.

Trees
Mountain Drive Park has a significant number of large, mature trees and dense canopy coverage in certain areas of the park. Several new trees have been planted along the Mountain Brow Trail, at the park’s west end, and along the central open green space. The community has expressed interest in protecting the existing mature trees and planting more.

Open Lawn
The park’s open green space is used for pickup sports, picnicking and relaxing. The lawns are well maintained and regularly mowed. The current park is relatively flat, with little topographic variation. However, two gullies (low points) at the east end of the park should be filled in to maximize usability and improve safety during play.

Lookout Areas
There are existing benches with views of the lower City. Most benches are in poor condition, and offset from accessible trails / routes.

Multi-use Trail / Park Entrances
The Mountain Brow Trail forms the main route through the park, connecting to the park at the east and west ends. The park currently lacks a sense of arrival, and park signage and wayfinding needs to be addressed. There is indication that pedestrians and cyclists cut across the grass from the southern edge of the park at Concession Street to the Mountain Brow Trail that runs along the north edge of the park.

Geotechnical
Geotechnical investigation determined that the bedrock on site is high, typically less than 1.0 meter below current grade in the park. Supplemental testing should be conducted to ensure any loose or unsuitable fill is subexcavated and replaced by engineered fill.
2.0 Study Area & Existing Park Features

**Escarpment Barrier**
A fence runs along the northern edge of the park to provide a barrier along the Escarpment. The majority of the barrier in this area is chain link fencing, and a small portion is low stone wall. In a few locations, it appears that people have created gaps in the chain link fence to access areas beyond the park. This fence is intended to protect people from the steep drop at the Escarpment edge; the fence must be replaced and secured.

**Utilities**
There is an elevated hydro corridor that runs up the Escarpment and through the park. The hydro corridor was upgraded recently to service the Juravinski Hospital. The corridor easement must be kept clear of built structures.

The park is equipped with sanitary sewer, water, and electrical. There are no catch basins within the park and the connection to the storm system would require breaking into the mainline in the road.

2.2.2 Mountain Park Avenue

**Multi-use Trail**
The Mountain Brow Trail along Mountain Park Avenue has a series of pinch-points that do not meet the recommended minimum width for walkways per the Accessibility for Ontarians with Disabilities Act (AODA) and are not set back far enough from the Escarpment. If the walkway cannot be set back 1.2 meters or more from the edge of the Escarpment then a barrier is required with a minimum height of 1.37 meters, as per the Traffic Manual Book for Cyclists. As a result, people using mobility devices, for example, would not be able to pass certain areas if the trail, and in some instances would be forced onto the road. This existing condition presents significant safety and accessibility concerns and must be addressed.

**Lookouts Areas**
Views from the trail along Mountain Park Avenue are quite spectacular. However, the existing Lookout Areas are not supported by site furnishings or infrastructure, and mainly consist of asphalt areas along the trail and a few benches looking out over the Escarpment.
2.0 Study Area & Existing Park Features

Parking
There are 12 on-street parking spaces on Mountain Park Avenue along the Mountain Brow Trail, and 14 spaces in the West Parking Area at Mountain Park Drive and Upper Sherman Avenue. This parking area is often used by people visiting the Juravinski Hospital.

Escarpment Barrier
The Escarpment barrier along Mountain Park Avenue consists of three different fencing types. The west end of the barrier is a metal, picket style fence with stone pillars, the central portion is a metal railing, and the east end is a low stone wall.

Due to the multi-use path’s proximity to the edge of the Escarpment, the height of the barrier would need to be increased to at least 1.37 meters, as per the Traffic Manual Book for Cyclists.

Site Furnishing / Seating
There are a few benches, and trash receptacles along this stretch of the Mountain Brow Trail, and there is lighting along the south side of Mountain Park Avenue. There are currently no bicycle racks. The existing site furnishings would need to be replaced with the palette of furnishings specified in the Mountain Brow Multi-Use Pathway Feasibility Study, and used along the entirety of the Mountain Brow Trail.

Planting / Floral Displays
Planting along this stretch of the Mountain Brow Trail is limited to the small planting beds/floral displays at the west end of the trail at Mountain Park Avenue and Upper Sherman Avenue. A donation was made to The City of Hamilton for one floral display, which is now maintained and operated by the City of Hamilton Horticulture section. Any changes would require consultation with this group.

Trees
New street trees have been planted along the north side of Mountain Park Avenue and are mostly in good health. These trees should be protected or relocated if necessary. There are a few trees that are dead and should be replaced.

Roadway
The existing asphalt roadway accommodates two-way traffic and is 7m wide with a 0.3m gutter and 0.2m curb on each side. Pinch points exist along the Mountain Brow Trail between the road and Escarpment barrier, as previously mentioned.

Park Access and Transit
Currently, most people travel to the park by foot or on bicycle via the Mountain Brow Trail, as confirmed by the online survey undertaken. There are bus stops servicing the park along Concession Street. This provides alternate transportation access year-round and could service the park during special events.
2.0 Study Area & Existing Park Features

2.2.3 Inventory of Surrounding Parks

In addition to inventorying the park’s existing features, consideration was given to the programming and amenities in neighbouring parks to ensure the proposed improvements are complementary to adjacent park uses and the local community is well-served.

Table 1 indicates the amenities and uses available in parks near Mountain Drive Park.

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<th>Mountain Brow Trail - Mountain Drive Park</th>
<th>Peace Memorial Park</th>
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Distance to Mountain Drive Park

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* Currently, there is no direct access down the Escarpment to Gage Park, however, a new stairway connection to the lower City could facilitate this.

Figure 15: Surrounding Park Chart
2.0 Study Area & Existing Park Features

Figure 16: Surrounding Park Map
Policy Context
3.0 Policy Context

3.1 Policy Context

Mountain Drive Park is designated Open Space in the Urban Hamilton Official Plan (2018), and an Urban Area and Escarpment Natural Area in the Niagara Escarpment Plan (2017). Escarpment Natural Areas represent the most significant natural and scenic areas of the Escarpment, and this designation provides the highest level of Greenlands protection.

The junction of public open space and the ecological system of the Niagara Escarpment requires consideration of policy and studies that relate to both the needs of an urbanizing community, and the integrity of the Escarpment.

The following documents were considered in the preparation of the Master Plan:

• Urban Hamilton Official Plan (2018)
• Mountain Brow Trail Feasibility Master Plan (2018)
• Cycling Master Plan, Review & Update (2018)
• Niagara Escarpment Plan (2017)
• Mountain Brow Vista Study & Management Plan (2016)
• Recreational Trails Master Plan (2016)
• Hamilton’s Plan for an Age-Friendly City (2014)
• AODA Accessibility Standards – Design for Public Spaces in the Built Environment (2012)
• City of Hamilton Barrier-Free Design Guidelines (2006)
• Ministry of Transportation Bikeways Manual (2014)

3.2 Parallel City Projects

Mountain Brow Trail Feasibility Master Plan (2018)

The primary goal of the Mountain Brow Trail Feasibility Master Plan was to develop a plan for a continuous multi-use path along the upper edge of the Escarpment from the west terminus at Iroquoia Heights Conservation Area in Ward 14, to the east terminus of Devil’s Punch bowl in Ward 9.

This study provides a framework for the reconstruction and renovation of existing trail segments, the extension of the trail, and possible integration with existing and proposed pedestrian and cycling infrastructure along the route.

The Mountain Brow Trail Feasibility Master Plan includes recommendations for various trail upgrades at Mountain Drive Park and along Mountain Park Avenue.

The Master Plan includes recommendations to improve to wayfinding and trail branding, accessible seating at vistas, and bike racks. The Master Plan includes recommendations to add lighting along the trail system where street lighting may be inadequate. These improvements are listed as being a short term priority (2019-2023).
3.0 Policy Context

Niagara Escarpment Plan (2017)

Mountain Brow Park is designated as both an Urban Area and Escarpment Natural Area within the Niagara Escarpment Plan.

The majority of the park is designated as an Urban Area as these lands are closely located along the Escarpment. The goal of this designation is to minimize the impact and prevent further encroachment of urban growth on the Escarpment environment. Development in these areas should be compatible with the scenic resources of the Escarpment and the visual impact of development should be minimized. When looking at the Escarpment from the lower City there should be no obvious visual impacts.

Escarpment Natural Areas are the most sensitive natural and scenic resources of the Escarpment and may contain important cultural heritage resources, in addition to wildlife habitat, geological features and natural features that provide essential ecosystem services. The goal of this designation is to recognize, protect and where possible enhance natural heritage systems. Some of the permitted uses include non-motorized trail activities, and accessory uses including signage.

Recreational Trails Master Plan (2016)

The goal of the recreational Trails Master Plan is to guide the development of a connected, comprehensive, accessible and sustainable multi-use trails network throughout the City of Hamilton and to surrounding communities to improve health and wellness for pedestrians, cyclists and trail users.

The Master Plan lists recreational trail design opportunities including a trail connection to the lower City from the Rail Trail down to Gage Park, with a trail (bridge) connection over the CN railway tracks.

Mountain Brow Vista Study & Management Plan (2016)

The City of Hamilton initiated the Vista Study & Management Plan for the Mountain Brow area. The goal of the plan was to provide a long-term strategy for managing vistas along the Mountain Brow.

Land along the Escarpment at Mountain Drive Park remains under the jurisdiction of the Niagara Escarpment Commission (NEC), and requires approval of the Management Plan to establish viewing locations suitable for development.

The Plan locates existing and proposed views, as well as areas of high, moderate and limited visibility of the lower City. This information has been taken into consideration, and has helped to determine to location of proposed seating and Lookout Areas for Mountain Drive Park.
3.0 Policy Context

3.3 Policy Context Map

Existing policies and parallel City of Hamilton projects and master plans have informed the recommendations and initiatives in the Mountain Drive Park Master Plan.

Policy context features:

- - - Niagara Escarpment Plan:
  Natural Escarpment Area

- - - Recreational Trails Master Plan:
  Mountain Brow Trail

- - - Recreational Trails Master Plan:
  Escarpment Rail Trail

<--> Recreational Trails Master Plan:
  Proposed Multi-use Recreational Trail

- Vista Study & Management Plan:
  Existing Priority Vista

- Vista Study & Management Plan:
  New Priority Vista

- Vista Study & Management Plan:
  Potential Vista

- - - Existing Hydro Corridor
Community Engagement 4.0
4.0 Community Engagement

4.1 Community Engagement Overview

The City of Hamilton asked the public and stakeholders to share their thoughts on the future of Mountain Drive Park. A variety of engagement tools were used to provide participants with various opportunities to contribute to the project.

Stakeholder engagement has been an iterative process, and members of the community, internal stakeholders and external stakeholders were engaged throughout all stages of the project.

The diagram below illustrates the consultation process.

4.1.1 Who We Heard From:

Internal Stakeholders:

Public Works:
- Parks and Cemeteries
- Forestry
- Horticulture
- Facilities
- Asset Management (Engineering Services)
- Transportation Operations

Planning and Economic Development:
- Parking Planning
- Transportation Planning Services
- Natural Heritage Planning
- Planning and Economic Development
- Tourism and Culture
- Planning, Heritage and Design
4.0 Community Engagement

Healthy and Safe Communities:
- SUPIE
- Hamilton Paramedics
- Hamilton Fire

External Stakeholders:
- Mountain Drive Park Resident Task Force
- Concession Street Business Improvement Area (BIA)
- Juravinski Hospital/Hamilton Health Sciences
- Accessibility Committee for Persons with Disabilities (ACPD) and Built Environment Working Group
- Niagara Escarpment Commission (NEC)
- Bruce Trail Conservancy
- Hamilton Police Services

Mountain Drive Park Resident Task Force:
One of the first steps in the public engagement process was establishing the Mountain Drive Park Master Plan Task Force.

Ward councillors sent out a mail drop to Wards 6 and 7 constituents with a call to serve on the Mountain Drive Master Plan Task Force. The Task Force scheduled ongoing meetings and met at key project milestones to discuss progress and provide comments and ideas.

Task force meetings were comprised of community members with the Chair and Vice Chair leading and organizing the meetings.

Five Task Force meetings were held throughout the duration of the project.

July 2021
August 2021
September 2021
October 2021
November 2021
December 2021

- July 14, 2021 Task Force Meeting #4
- July 14, 2021 Accessibility Committee for Persons with Disabilities (ACPD) and Built Environment Working Group Meeting
- September 9, 2021 Public Information Centre
- September 30, 2021 Survey #2 Closes
- November 2, 2021 Accessibility Committee for Persons with Disabilities (ACPD) and Built Environment Working Group Meeting
- November 3, 2021 Task Force Meeting #5
- July 28, 2021 Launch of Survey #2

Mountain Drive Park Master Plan 25
# Community Engagement

## 4.2 Community Engagement Summary

The following is a summary of engagement findings:

<table>
<thead>
<tr>
<th>Public &amp; External Stakeholders</th>
<th>Internal Stakeholders</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recreation</strong></td>
<td><strong>Trails, Access &amp; Views</strong></td>
</tr>
<tr>
<td>• Desire for new inclusive, and active play elements (including improved playground, new Spray Pad, natural skating rink etc.).</td>
<td></td>
</tr>
<tr>
<td>• Desire for passive recreation options.</td>
<td></td>
</tr>
<tr>
<td>• Ensure there are accessible routes to accessible playground elements.</td>
<td></td>
</tr>
<tr>
<td>• Desire for trail-based activities (including cycling, walking, jogging etc.).</td>
<td></td>
</tr>
<tr>
<td>• Desire for enhanced trail accessibility and safety.</td>
<td></td>
</tr>
<tr>
<td>• Desire to improve trail network in the park (including trail widening, lighting, seating, trash receptacles etc.).</td>
<td></td>
</tr>
<tr>
<td>• Desire to increase trail and pathway connectivity specifically from Concession Street.</td>
<td></td>
</tr>
<tr>
<td>• Desire to maintain and enhance existing views (i.e. providing lookout areas).</td>
<td></td>
</tr>
<tr>
<td>• Desire for greater sense of arrival and formal entrances to the park.</td>
<td></td>
</tr>
<tr>
<td>• Support maintaining views to and from the Escarpment.</td>
<td></td>
</tr>
<tr>
<td>• Support improving lookout areas, and installing binocular viewing stations to enhance views.</td>
<td></td>
</tr>
<tr>
<td>• Ensure park pathways and trails are navigable by park maintenance vehicles (for snow plowing and garbage pick-up). Maintenance vehicles should be able to access waste bins in a circuit without turning around.</td>
<td></td>
</tr>
<tr>
<td>• Review of drop curb locations particularly at the west end of the park to ensure pedestrian, cyclist and park maintenance access from the surrounding area.</td>
<td></td>
</tr>
<tr>
<td><strong>Natural Features</strong></td>
<td><strong>Culture, Heritage &amp; Education</strong></td>
</tr>
<tr>
<td>• Desire to maintain natural feel of the park.</td>
<td></td>
</tr>
<tr>
<td>• Desire to preserve existing mature trees.</td>
<td></td>
</tr>
<tr>
<td>• Desire for native plantings and gardens (i.e. Pollinator Gardens).</td>
<td></td>
</tr>
<tr>
<td>• Preserve healthy, mature trees and remove as few as possible.</td>
<td></td>
</tr>
<tr>
<td>• Support for including Pollinator Gardens and Naturalized Planting areas.</td>
<td></td>
</tr>
<tr>
<td>• Ensure tree placement complies with accessibility and maintenance requirements.</td>
<td></td>
</tr>
<tr>
<td>• Plant native species where feasible.</td>
<td></td>
</tr>
<tr>
<td>• Desire for improved signage (including wayfinding, interpretive signage, trail etiquette signage, urban braille etc.).</td>
<td></td>
</tr>
<tr>
<td>• Desire for public art elements.</td>
<td></td>
</tr>
<tr>
<td>• Desire to ensure interpretive signage is accessible (e.g. urban braille etc.).</td>
<td></td>
</tr>
<tr>
<td>• Support providing interpretive panels and signage on the value of the Escarpment, and conservation.</td>
<td></td>
</tr>
<tr>
<td>• Support including educational signage at native planting areas and Pollinator Gardens.</td>
<td></td>
</tr>
<tr>
<td>• Recommend park signage at key entry points that lists the park bylaws.</td>
<td></td>
</tr>
</tbody>
</table>
## 4.0 Community Engagement

### Public & External Stakeholders

**Infrastructure**
- Desire for a new, upgraded Washroom Building.
- Desire for a new shade structure or park pavilion.
- Desire for park lighting for safety purposes.
- Support for new stairway connection to the lower City.
- Desire for improved furnishings (including seating, trash receptacles, fencing).

**Mountain Park Avenue**
- Support improvements to the trail system.
- Support pedestrianizing the street (i.e. potential street festivals).
- Include more picnic tables/areas along the Escarpment and Mountain Brow Trail.

### Internal Stakeholders

- Support replacing existing Washroom Building. Prefer location close to existing building to utilize existing servicing connections.
- Support having separate picnic shelter to ensure positive use of the space.
- Support adding lighting throughout the park.
- Support the location of the proposed stairway to the lower City. (This project will require operational funding to support it).
- Separate waste bins from seating areas.
- Recommend additional seating (some facing into the park and some facing the lower City).
- Support pulling the Mountain Brow Trail away from the edge of the Escarpment and pedestrianizing Mountain Park Avenue.
- Recommend a bi-directional cycling facility be located along the south curb to organize pedestrians and cyclists.
- Recommend installing swing gates at both ends of Mountain Park Avenue.
- Recommend maintaining the current road width to allow for emergency access. (Hamilton Fire prefers pedestrianized streetscape option).
- Will require enough clearance for snow plowing and need to identify a snow storing area.
- Will need to coordinate and identify which City group will provide maintenance in the winter if Mountain Park Avenue is pedestrianized.

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Figure 21: Comments from the Community
The purpose of Online Survey #1 was to get feedback on how the community currently uses the park, what existing amenities are valued, and what they would like to see improved or added. The online survey also helped to determine the overall vision for the park.

Questions

Online Survey #1 asked the following questions:

- How often do you visit the park?
- How long do you typically stay at the park when you visit?
- Why do you visit the park?
- How do you travel to and from the park?
- Where do you normally park?
- How do you feel about the removal of some parking areas?
- Which elements do you value most about the park?
- What do you feel are the most important amenities that you want to see improved and/or added?
- What do you feel are the least important amenities that need to be improved and/or added?
Key Findings

76% of survey respondents visit the park a few times a month (46%) or daily (30%).

63% of survey respondents walk to the park, the remaining majority bike (17%) or drive (17%).

68% of survey respondents supported the removal of 1 or more lay-by parking areas.

32% did not support the removal of any parking areas.

The top three existing elements most valued in the park are:
1. Trail system
2. Views
3. Mature trees

The amenities survey respondents most wanted to see improved and / or added are:
1. Trail system improvements
2. Protection of mature trees and tree planting
3. Lighting
4. Trail connection to lower City
5. Spray Pad and Washroom Building

The amenities survey respondents least wanted to see improved and / or added are:
1. Fenced dog area
2. Half court or full court (basketball, ball hockey)
3. Fitness Stations
4. Historical plaques
5. Floral displays

The findings of the survey were presented to the Mountain Drive Park Task Force Group and the shared with the community on the Engage Hamilton platform and the project web-page.
4.0 Community Engagement

4.5.1 Online Survey #2

Online survey #2 “Park Improvements” was launched on July 28, 2021 and closed on September 30, 2021.

448 people responded to the survey.

2,094 people visited to project page during the commenting period for more information on the project.

The same process as Online Survey #1 was carried out to ensure the community was aware of the project:

• Installed signage at Mountain Drive Park with a link to the online survey and information on the master plan process.

• Launched a mail drop to over 7,000 recipients in the Raleigh, Sunninghill/Highview, Eastview and Sherwood neighbourhoods.

• Advertised the online survey on the City’s Facebook and Twitter accounts.

The purpose of Online Survey #2 was to get feedback on the development options for the park, and for Mountain Park Avenue. It was helpful to gauge community support, and ensure we were being true to the park vision. It also helped to inform the timeline for the park’s implementation.

Questions

Online Survey #2 asked the following questions:

• Do you support the improvements and new additions as shown on the development option for the Park?

• Select your preference for the Mountain Park Avenue streetscape improvements.

• Indicate which grouping of amenities you would like to see installed in order of priority.

The park itself could certainly use some upgrades and improvements, particularly the pavilion and the washrooms.

I definitely support stair connection to Gage Park, possibly with a bike rail.

An ideal street to receive full pedestrianization.

Make it accessible to all ages and abilities.
4.0 Community Engagement

Key Findings:

85% of survey respondents support the improvements and new additions shown on the development option for the Park.

64% of respondents preferred Option B - Pedestrianization of Mountain Park Avenue.

17% of respondents preferred Option A - One-way Conversion.

15% of respondents preferred Option C - the Status Quo.

4% of respondents had no preference.

Survey respondents indicated that the highest prioritized amenities were:

1. Main park improvements, i.e. installation of new Spray Pad, playground areas, sun shelter and associated pathways and tree planting.

2. Redevelopment of Mountain Park Avenue into preferred development option and trail improvements to section of trail that runs along the edge of the Escarpment.

3. Open lawn and flowering trees.

The amenities that survey respondents said were the lowest priority are:

4. Meditation / Gathering Circle and Pollinator Garden, including associated pathways.

5. Stair connection to lower City and drinking fountain.

6. Fitness Stations and associated pathways.

7. Park entry nodes and interpretive signs.

The findings of the survey were presented to the Mountain Drive Park Task Force Group and the shared with the community on the Engage Hamilton platform and the project web-page.

![Figure 24: Highest Prioritized Amenities Graphic](image_url)
The majority of Online Survey #1 respondents indicated that they want to protect the mature trees and the passive feel of the park, and see the existing elements of the park improved with a few active elements added.

1. **Protect the passive feel of the park, mature trees and views to provide a place of respite for the community.**
   - Protect the park’s existing mature trees.
   - Enhance views along the Escarpment by providing lookout areas with site furnishings, binocular viewing stations etc.

2. **Enhance trail connectivity and accessibility within the park and to the broader community and ensure a safe park for all to enjoy.**
   - Improve trails by adding lighting, and seating.
   - Address unsafe pinch points along the trail that may force people onto the road and block access, to ensure full accessibility.

3. **Introduce new inclusive, active elements, while respecting the natural beauty of the park and minimizing impacts to the natural environment.**
   - Include play elements and active recreation elements favoured by the community.
   - Locate new park features mindfully, to ensure the preservation of mature trees, and important views of the lower City are not blocked.

---

**Vision Statement:**

Protect the **natural beauty** and **passive feel** of the park, while enhancing **access** and opportunities for **inclusive recreation** and **play**.
4.1.1 Community Priorities

Improve:

1. Trail system
   - Enhance lookout areas
   - Trail widening
   - Pedestrianizing Mountain Park Avenue (to resolve issues with pinch points, pending reaffirmation from the community)
   - Park trail loop

2. Biodiversity
   - Tree planting
   - Naturalized planting
   - Pollinator gardens

3. Accessibility
   - Playground accessibility
   - Trail accessibility

4. Washroom Building
   - Separate shade structure / picnic area from Washroom Building

5. Park Identity
   - Celebrate local history

Add:

1. Lighting
   - Park lighting
   - Trail lighting

2. Spray Pad

3. Trail Connection to Lower City
Park Improvements

5.0
5.0 Park Improvements

5.1 Preferred Design Concept: Mountain Drive Park

The preferred concept plan for Mountain Drive Park is based on site findings, stakeholder and community feedback, Mountain Drive Park Resident Task Force input, best practices, and technical considerations.

The concept seeks to reflect the needs of the local community and balance the diverse needs of current and future users.

This conceptual plan will be used to guide future detailed planning, design, and development for improvements.

**Proposed park features:**

1. Main Playground (Senior and Junior)
2. Natural Play Area
3. Spray Pad
4. Dry Riverbed Seating Area
5. Fitness Station
6. Meditation / Gathering Circle
7. Seasonal Skating Rink
8. Multi-use Trail
9. Escarpment Stairway (*Future Project)
10. Park Node
11. Lookout Area
12. Tree Planting
13. Pollinator Garden
14. Naturalized Planting
15. Interpretive Signage
16. Public Art / Mural
17. Main Parking Area
18. Expanded Parking
19. Park Lighting
20. Shade Structure
21. Washroom Building
22. Crosswalk
23. Furnishing Zone
Figure 26: Preferred Design Concept - Mountain Drive Park
5.0 Park Improvements

5.2 Recreation

5.2.1 Main Playground

The existing playground at Mountain Drive Park is a destination for many families who live in the area.

The proposed play area will include a new senior and junior play structure, a swing set with two belt swings, one toddler swing and one accessible swing as per City of Hamilton requirements, and a zip track rider. The City of Hamilton has noticed high usage from other zip track riders in parks across the city.

Safety surfacing for the main playground will need to meet Canadian Standards Association (CSA) requirements and comply with the CSA surface depth and safety zones. A combination of mulch and rubberized safety surfacing is recommended to ensure that accessible routes are provided to accessible play elements. The City of Hamilton recognizes that some existing playgrounds have accessible play elements that cannot be accessed by people with mobility devices and is addressing this discrepancy in future park development.

The playground should incorporate play elements for all ages and abilities. Sightlines around the playground should remain clear, shade should be provided (existing and proposed trees will provide shade), and seating should be provided for caretakers and parents.

Discussions with the community determined a preference for more “natural” colours for the playground equipment and surfacing.
5.0 Park Improvements

5.2.2 Natural Playground

During community consultation, a natural play area was expressed as being an element of interest. This play area will be separate from the main playground and will include ground elements including a wooden balance beam, wooden stilts, and a small log climber.

The natural playground will ensure that the park provides a variety of different play experiences. The separate play area provides a space for children to play if they would prefer a quieter location, and for ease of maintenance by Park Operations.

Natural play areas also stimulate a child’s imagination and creativity, and can help children to appreciate nature and learn about their environment.

The natural play area will have a mulch play surface, an armourstone seat wall, and shade from proposed trees.

Figure 31: Log Climber

Figure 32: Balance Beam & Wooden Stilts

Park Theme

There is an opportunity to select play elements that create a sense of identity within the park and within the surrounding neighbourhood.

Selecting nature themed play elements (i.e. plants, insects and animals etc.) could help create educational opportunities and showcase the Niagara Escarpment, the natural environment, and the site’s history and connection to John William Kerr, a pioneer for environmental protection in Hamilton in the 1800’s.

Next Steps: Main & Natural Playground

The City of Hamilton has committed to launching a survey to finalize the selection of the playground components and gauge community interest and support for specific playground components.

The playground design will be subject to further detailed design, approvals and funding availabilities.

Stakeholders: Main & Natural Playground

- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Accessibility Committee for Persons with Disabilities (ACPD) and Built Environment Working Group
5.0 Park Improvements

5.1.1 Spray Pad

A new Spray Pad is being proposed for Mountain Drive Park. A Spray Pad was ranked highly as an element the community and stakeholders would most like to see included in the park.

The Spray Pad is subject to further detailed design, but should include a variety of features that serve different age groups and abilities and provide diverse water delivery experiences.

The Spray Pad should be separated into different play zones: a zone for toddlers with gentle spray elements, an all ages zone, and a dynamic and interactive zone for older children.

The design of the Spray Pad must comply with City of Hamilton standards. The play surface must be concrete (with no colour added for greater visibility in control of algae buildup) and 2.5% grade. Water must drain away from the play area within 15 minutes, per Public Health’s requirements.

Next Steps: Spray Pad

The City of Hamilton has committed to launching a survey to finalize the selection of the Spray Pad components and gauge community interest and support for specific Spray Pad components.

The Spray Pad design will be subject to further detailed design, approvals and funding availabilities.

Stakeholders: Spray Pad

- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Accessibility Committee for Persons with Disabilities (ACPD) and Built Environment Working Group

5.1.2 Dry Riverbed Seating Area

To encourage flexible use of social space within Mountain Drive Park, an area with umbrellas and lounge style seating is being proposed adjacent to the Spray Pad. This area will connect the Spray Pad to the new Washroom Building.

This will ensure a variety of seating opportunities and seating styles are available in the park, and helps create a recognizable and memorable park identity. The location of this area, adjacent to the Spray Pad allows parents and caretakers a shaded place to rest and watch over their children as they play.

The site furnishings selected, including the umbrellas, should be robust, low-risk for vandalism, and safely secured to the ground. The umbrellas selected could be coated metal and surface mounted, similar to shade structures found in other City of Hamilton parks. Having additional boulder and armourstone seating in this area provides another unique, dual purpose play opportunity.

The chairs selected could be made from 100% recycled plastic (with aluminum inserts). If signage is provided, this could be an educational moment for people visiting the park, and tie into the park’s environmental stewardship theme.

Stakeholders: Dry Riverbed Seating Area

- Landscape Architectural Services
- Parks Maintenance & Facilities Management

Figure 33: Seating with Umbrellas
5.2.3 Fitness Stations

Fitness Stations are proposed to enhance the recreation experience, and are located in four areas in the park. The Fitness Stations could be completed as a fitness circuit by anyone walking, or jogging along the trails.

A cargo net climber, parkour climber, and pull-up bar station are proposed along the central pathway loop to form a circuit. A push-up bar station is proposed by the future proposed Escarpment Stairway, as many people use existing Escarpment connections in Hamilton for exercise and training.

The cargo net climber and parkour climber should be located outside of the Niagara Escarpment Commission (NEC) boundary area as they are taller and more visible structures.

Visitors to Mountain Drive Park often arrive by active transportation, either by walking or riding a bicycle. As many park users are visiting the park as a form of exercise, having Fitness Stations would be beneficial in enhancing the park’s recreation experience.

**Stakeholders:** Fitness Stations
- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Niagara Escarpment Commission

Figure 34: Spray Pad

Figure 35: Pull-up Bar

Figure 36: Cargo Net Climber

Figure 37: Parkour Climber

Figure 38: Dry River Bed with Boulders
5.0 Park Improvements

5.2.4 Meditation / Gathering Circle

A Meditation / Gathering Circle is proposed in a quiet, forested area of the park away from the main playground. This space could function as an outdoor classroom, or host small events. The gathering circle is also a distinctive location for meeting up with a friend.

Mountain Drive Park is often visited by people visiting the Juravinski Hospital and the Meditation / Gathering Circle could provide a space for reflection and contemplation in a peaceful setting.

The Meditation / Gathering Circle is proposed to be surrounded by a native Pollinator Garden, with interpretive and educational signage. The Pollinator Garden will be maintained by the City’s Horticulture section and is irrigated to ensure it’s well cared for. Planting should not exceed 1.0 meter in height to maintain clear sight lines in consideration of Crime Prevention Through Environmental Design (CPTED) principles.

The final size of the pollinator garden will need to be provided to the City’s Horticulture Department prior to its installation to ensure funding is set aside for its maintenance.

Stakeholders: Meditation / Gathering Circle

• Landscape Architectural Services
• Parks Maintenance & Facilities Management
• Forestry and Horticulture

5.2.5 Seasonal Skating Rink

A seasonal skating rink was a park element that community members and stakeholders showed strong support for during consultation.

A portion of the open space area, adjacent to the new Washroom Building, could support a small, local rink. The rink’s proposed location, in close proximity to the Washroom Building, would allow for a hose connection from the building for flooding the rink during winter.

A flood light for the rink is also proposed as part of the lighting strategy for the park.

Next Steps: Seasonal Skating Rink

The Seasonal Skating Rink could be implemented following the construction of the new Washroom Building in 2023.

Stakeholders: Seasonal Skating Rink

The Seasonal Skating Rink would be a community led initiative, and would be maintained by community members, and would be weather dependent.
5.0 Park Improvements

5.3 Trails, Access & Views

5.3.1 Trail Improvements

During the consultation process, the trail system was identified as one of the most valued amenities in the park, and one of the elements that the community wanted to see improved the most.

An enhanced perimeter trail and new internal circulation routes are proposed to connect facilities within the park and allow additional recreational use of open space. New and improved circulation routes will also help link adjacent trail networks, facilitate flow through the park, and allow through access for those with mobility aids who cannot cut across the grass.

Some trails are lined with trees to help define pedestrian routes, and moderate the park microclimate and scale. Sight lines should be taken into consideration and maintained for safety and comfortable use of the park.

Trails should be integrative and designed to City of Hamilton standards, with universal accessibility. Trails should have benches along them to provide places to rest, with clear zones for those with mobility devices.

Trails are to have an asphalt surface, as this material is easy to maintain and offers a user-friendly experience for people with mobility devices, as well as non-motorized bikes, non-motorized scooters and strollers.

The proposed internal loop trail serves circulation and fitness purposes. It also provides a space for children to ride a bike or scooter.

Trail system improvements include widening the Mountain Brow Trail that travels through the park to a minimum of 4 meters wide. Lighting, benches and waste receptacles should be added along this stretch using the City of Hamilton’s Mountain Brow Trail palette of furnishings.

Snow removal and garbage collection must also be taken into consideration. Pathways need to be a minimum of 1.5 meters wide, with clear zones (no objects in the way) and sufficient turning radii for snow plowing.

Park pathways with trash receptacles need to be a minimum 3 meters wide with sufficient turning radii for garbage pick-up, as turning around is often not an option for park maintenance vehicles.

Pathways will also require tactile warning strips at intersections and road crossings.

Stakeholders: Trail Improvements

- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Active Transportation, Transportation Planning & Traffic Safety
- Niagara Escarpment Commission

Figure 41: Mountain Brow Furnishings

Figure 42: Existing Mountain Brow Trail
5.3.2 Escarpment Stairway

Stairways along the Niagara Escarpment form crucial links connecting Hamilton’s lower City and the top of the Mountain. A proposed staircase, connecting the lower City to Mountain Drive Park, will create another access point in an area where connectivity is lacking, and is roughly halfway between the existing Wentworth and Kenilworth Stairs.

This proposed connection coincides with the City’s Recreational Trails Master Plan (2016), which proposes a trail connection to the lower City from the Rail Trail down to Gage Park, with a trail (bridge) connection over the CN railway tracks.

Geotechnical investigation, which included a review of the Escarpment’s slopes along the study area, determined this location to be appropriate for the stairway connection. The stair connection could be located anywhere between where we are currently showing it and the hydro corridor. The route should take the path of least resistance, and be located where the Escarpment slope is gradual, minimizing grading requirements, and where few trees need to be removed. The location should align with the crossing at Sherman Access. More geotechnical investigations will be required to determine bearing capacity.

There is potential to add a drinking fountain near the proposed staircase that would have a water bottle filler, a standard bubbler and a dog bowl.

The design should emulate the Chedoke Stairs with a rolling rail for bicycles and rest areas.

The proposed location also reinforces a connection with Upper 43rd Street and the proposed crosswalk across Concession Street.

The road crossing required at Sherman Access should emulate the at-road crossing for the Wentworth Stairs. Consideration was given to select a location that has a buffer area adjacent to the road to provide space for pedestrians to gather while waiting to cross Sherman Access.

Next Steps: Escarpment Stairway

The Escarpment Stairway will be carried out as a separate study, and will be subject to further detailed design, approvals and funding availabilities.

Once this project has confirmed funding for further studies, the NEC will need to be consulted.

Stakeholders: Escarpment Stairway

- Niagara Escarpment Commission
- Bruce Trail Conservancy
- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Active Transportation, Transportation Planning & Traffic Safety
- Traffic Operations & Engineering
5.3.3 Park Nodes

Several Park Nodes are proposed to give Mountain Drive Park a stronger identity and a greater sense of arrival.

The Park Nodes should include a simple plaza space, informal seating and park signage.

Hamilton Police recommended including park signage at key entry points that clearly lists the park by-laws.

**Stakeholders:** Park Nodes
- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Hamilton Street Railway (Transit) [due to the bus stop at Mountain Park Avenue and Concession Street]

5.3.4 Lookout Areas

New seating areas with benches are proposed in areas described as having “existing views” or “proposed views” in the City of Hamilton’s Mountain Brow Vista Study & Management Plan (2016). No trees are proposed to be removed as part of this project, however, selective pruning could enhance some views, pending approval from the NEC.

**Stakeholders:** Lookout Areas
- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Niagara Escarpment Commission
- Forestry and Horticulture

Figure 45: Park Node Lookout Area
Figure 46: Existing Park Entrance
Figure 47: Mountain Brow Amenity Area
Figure 48: Existing Park Bench at Lookout Area
5.4 Natural Features

5.4.1 Tree Planting

The consultation process determined that the park’s existing mature trees were highly valued by the community. The existing tree cover should be maintained, and succession plantings should be planned.

In order to preserve Mountain Drive Park’s passive, and natural quality, active elements were proposed towards the west-end of the park, and away from areas with mature trees.

The park’s central trail loop and open green space is proposed to be lined with different native, flowering trees like Black Cherry (Prunus serotina) or Sweet Crabapple (Malus coronaria). Flowering trees would add colour for seasonal interest throughout the year.

Varieties that do not drop fruit should be selected including Malus ‘Spring Snow’.

Existing and proposed trees will provide natural micro-climate control by shading the play areas and open lawns, and reducing wind. Trees will also help to buffer adjacent park uses and create more human scaled spaces within the park.

2.4 meters of vertical clearance from the ground to the lowest branches of all trees should be maintained to ensure there are no hazardous low-hanging branches and clear sight lines. Any under-story planting should not exceed 1.0 meter in height.

Any new trees must be placed greater than 2.4 meters (8 feet) apart to allow enough room for a riding lawnmower.

Stakeholders: Tree Planting

- Forestry and Horticulture
- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Niagara Escarpment Commission
5.4.2 Pollinator Garden

A native Pollinator Garden will surround the Meditation / Gathering Circle. Colourful native perennial planting will liven up the overall look and feel of the park, while providing valuable habitat for insects and birds.

The garden will include Interpretive Signage and information panels to educate park users and help build awareness of the importance of native plants and protected green spaces, like the Niagara Escarpment, in providing ecosystem services.

The Pollinator Gardens will be maintained by the City’s horticultural section and will be irrigated to ensure they are well cared for and aesthetically pleasing. The City’s Horticulture section should be engaged to assist in determining the appropriate species and irrigation requirements. The year that this project is budgeted in the capital budget process, Forestry and Horticulture will need to be involved to allocate operating dollars towards this initiative.

Stakeholders: Pollinator Garden
- Landscape Architectural Services
- Forestry and Horticulture
- Cultural Heritage Planning
- Natural Heritage Planning (Development Planning, Heritage and Design)

5.4.3 Naturalized Planting

Naturalized Planting is proposed in a few areas in Mountain Drive Park. These areas would essentially be allowed to grow naturally, with some native plants mixed in.

It would be imperative that these naturalized areas have interpretive and educational signage indicating the intent of these areas. A precedent for this type of garden currently exists in Gage Park.

Park Operations will need to be engaged to ensure that a mowing schedule is identified for the Naturalized Planting areas. Naturalization could be trialled in specific areas of the park with consultation with Park Operations.

Stakeholders: Naturalized Planting
- Landscape Architectural Services
- Parks Maintenance & Facilities Management

Park Theme

The Pollinator Garden and Naturalized Planting areas (with Interpretive Signage) will help create educational opportunities, showcasing native plant species found along the Niagara Escarpment. These educational moments could provide linkages to the site’s history and connection to John William Kerr, a pioneer for environmental protection in Hamilton in the 1800’s. He lived across from Mountain Drive Park on Concession Street.
5.0 Park Improvements

5.4.4 Open Lawn Areas

The park’s open lawn spaces have been retained at the east-end of the park for flexible active and passive recreation, like pick-up sports, bocce ball, picnics or community events.

It’s important that the park has a diversity of open spaces integrated into the park design, and maintains the passive, natural character that the community loves.

Undulating topography and berms could be created to define park spaces, and create a barrier between the play area and Concession Street. Proposed berms would need to have a flat top and gradual slopes to be operationally feasible for maintenance equipment.

There are two gullies in the open lawn area at the east end of the park. These low points coincide with a previous City of Hamilton road allowance running north-south. These low points should be filled in and smoothed over for safety.

It’s possible that soil excavated during park development could be utilized for this purpose. If excess soil is not available on site, soil could potentially be relocated from another City of Hamilton park development project nearby.

Stakeholders: Open Lawn Areas
• Landscape Architectural Services

5.5 Culture, Heritage & Education

5.5.1 Signage

Interpretive and educational signage could have a variety of themes and topics that relate to the park and the surrounding area. Possible topics could include celebrating Hamilton’s history (John William Kerr, the Queen’s visit in 1959) or natural features and the environment (importance of pollinator species, the geology of the Niagara Escarpment). The City could also work in conjunction with First Nations groups to celebrate the traditional territory.

Interpretive Signage at the proposed Pollinator Garden and Naturalized Planting areas is required to indicate the intent of these gardens.

In addition to educational signage, regulatory signage is also needed at park entrances displaying park by-laws.

Interpretive Signage needs to be installed onto concrete pads, and signs should be made from durable materials that are vandalism resistant, or made from components that, if damaged, could easily be replaced. The City needs to have copies of any panel artwork for replacement if necessary.

The City’s Heritage Resource Management section is undertaking a Civic Museum Strategy, as well as developing an overall interpretive plan for heritage in the City, and a key pillar to both these initiatives is to increase accessibility. These efforts could include items such as urban braille or talk-back features on park interpretive signage. The Heritage Resource Group needs to be consulted prior to implementing future interpretive signage.

Stakeholders: Signage
• Landscape Architectural Services
• Tourism and Culture
• Heritage Resource management

Figure 54: Pick-up Bocce Ball
5.0 Park Improvements

5.5.2 Art / Mural

The park’s new Washroom Building will have a blank wall, facing into the park, that could provide a 237 square foot canvas for public art.

Incorporating public art into this new structure would assist with place making and wayfinding, discourage tagging and grafitti, and add colour and personality to a standard park facility. A mural in this location would provide a colourful focus at the centre of the park.

The artist and subject matter for the mural could be selected through a public process to ensure that the mural is meaningful to the local community.

The City of Hamilton’s process for the development and inclusion of community public art projects should be followed.

Next Steps: Art / Mural

The mural could be implemented following the construction of the new Washroom Building in 2023.

Stakeholders: Art / Mural

- Landscape Architectural Services
- Placemaking Public Art & Projects
5.0 Park Improvements

5.6 Infrastructure

5.6.1 Parking

In general, the parking supply seems adequate for existing uses. The majority of park uses either walk or ride their bike to the park, and existing parking issues have not been identified.

The Master Plan proposes the reorganization of parking spaces across the study area, while maintaining the same number of spaces, in order to facilitate the Mountain Park Avenue Pedestrianization Pilot Project.

Currently, there are 12 on-street parking spaces on Mountain Park Avenue, 14 parking spaces at the west parking area (at Upper Sherman Avenue), and 21 parking spaces in the Main Parking Area across from the park proper. There are 47 existing parking spaces in total.

We are proposing that Mountain Park Avenue be piloted for pedestrianization (pending re-affirmation from the community), and propose that the 12 existing on-street parking spaces be removed and relocated to the Main Parking Area.

Expanding the Main Parking Area to the east side of the street will prevent park users from having to cross Mountain Park Avenue to get to the playground, and will allow those with accessibility needs direct access to a curb ramp from the parking area into the park, without having to navigate to a cross-walk.

An additional 12 parking spaces are currently shown on the Preferred Development Plans, and have been located to avoid removing as many trees as possible.

Expanding the parking area will also allow for accessible parking spaces to be included. Accessible parking spaces must adhere to the standard Global Alliance on Accessible Technologies and Environments (GAATES) requirements.

The City uses the Dynamic Symbol of Access for parking spaces and this symbol must be utilized in place of the International Symbol of Access.

There are 47 existing parking spaces in total - no spaces will be lost after relocating 12 spaces closer to the park.

Stakeholders: Parking

- Landscape Architectural Services
- Traffic Operations & Engineering

Figure 60: Existing Lay-by Parking

Figure 61: Existing Main Parking Area

Figure 62: Dynamic Symbol of Access
5.0 Park Improvements

5.6.2 Shade Structure

The Crime Prevention Through Environmental Design (CPTED) audit with Hamilton Police Services determined that the shade structure and Washroom Building should be separate elements, in order to encourage positive use of the space.

The shade structure is proposed to be located in the centre of the play area, providing a covered seating area in a more readily accessible and convenient location.

The shade structure will be a pre-fabricated structure, similar to those found in other parks across Hamilton, and will include a light to encourage positive use of the space.

Stakeholders: Shade Structure
- Landscape Architectural Services
- Parks Maintenance & Facilities Management

5.6.3 Crosswalk

During site visits during the inventory and analysis stage of the project, a number of people were noticed crossing Concession Street from Mountain Drive Park to East 43rd Street. There are stop signs at this intersection, but no formal crosswalk for pedestrians.

A crosswalk is proposed at this location to provide a safer access into the park, and to create a formal entrance. The crosswalk’s location also reinforces the connection with the proposed Escarpment Stairway.

This crosswalk is being proposed as part of another project planned for construction in 2022 by Engineering Services. It will include a ladder bar and will also include a cyclist crossing.

The addition of a formal pedestrian crosswalk, including ladder bar road markings and tactile warning strips, will significantly enhance pedestrian and cyclist safety.

Stakeholders: Crosswalk
- Landscape Architectural Services
- Traffic Operations & Engineering
- Engineering Services
5.0 Park Improvements

5.6.4 Furnishing Zones

Furnishing zones will be located throughout Mountain Drive Park, including at Park Nodes.

The furnishing zones along the Mountain Brow Trail will include the standard Mountain Brow palette of site furnishings: benches, waste receptacles, bike racks and lighting where required.

The furnishing zones in the interior of the park, including at the playground area, internal trail system and Meditation / Gathering Circle area will include the standard City of Hamilton site furnishings: benches, waste receptacles, picnic tables, and bike racks. The only exception will be for the dry River Bed Seating Area, which will have umbrellas and lounge seating unique to Mountain Drive Park.

Providing bicycle parking throughout the park will encourage active transportation, and will serve cyclists already traveling to the park.

Additional garbage and recycling receptacles will help ensure the park is tidy and free of litter.

As the trail network for the park is developed, there should be opportunities for residents to purchase commemorative memorial benches. The City of Hamilton runs a Commemorative Bench Program that should be used to facilitate the installation of commemorative benches. City of Hamilton’s Parks and Landscape Architecture Services teams can coordinate this effort during the detailed design stage of the project.

Stakeholders: Furnishing Zones

- Landscape Architectural Services
- Parks Maintenance & Facilities Management

5.6.5 Escarpment Barrier

The Escarpment barrier at the west-end of the park proper is the historic, low-stone wall, and should be preserved and maintained. The stone pillars along the Escarpment should also be maintained.

At the east-end of the park, the Escarpment barrier is chain-link fencing. Certain sections of the fence are rusted and damaged and aesthetically unpleasant. The existing chain link fencing should be replaced with the standard black, metal fence that is apart of the Mountain Brow Trail palette of site furnishings.

The structural integrity of the stone wall could be assessed during the detailed design process, before any construction begins.

Stakeholders: Escarpment Barrier

- Landscape Architectural Services
- Parks Maintenance & Facilities Management
5.0 Park Improvements

5.6.6 Lighting

Currently, no park lighting is provided. The implementation of a comprehensive and effective lighting system for existing park features would make the park feel safer and deter undesirable activities.

Park lighting is proposed along the section of the Mountain Brow Trail that runs through the park, around the proposed play area, and inside the shade structure. Also, a flood light near the proposed Washroom Building would be required for the Seasonal Skating Rink.

The Mountain Brow Trail has a specific palette of site furnishing that help provide the trail with a unique but recognizable identity, throughout the city. This palette of furnishings includes a solar-powered light standard that has worked well along other improved sections of the Mountain Brow Trail.

The electrical engineer retained for the project (MJS Consultants), and some stakeholders expressed concerns that the dense canopy of mature trees (at the east-end of the park) would render any solar powered lighting along the Mountain Brow Trail ineffectual.

The electrical engineer has suggested that given the relative close proximity of power available in the new Washroom Building, the use of solar powered lighting on this project would not be recommended.

MJS Consultants have proposed a slightly modified version of the lighting assembly utilized on the Mountain Brow Trail which employs a direct burial decorative concrete pole and a shorter luminaire arm.

Downward-directed and shielded light fixtures will be required to minimize visual impacts and be dark sky-friendly. The lighting plan will need to be reviewed and approved by the Niagara Escarpment Commission.

Next Steps: Lighting

The lighting plan for the park will be subject to further detailed design. The NEC will need to be consulted to approve the lighting strategy.

Stakeholders: Lighting

- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Niagara Escarpment Commission
5.0 Park Improvements

5.6.7 Washroom Building

Mountain Drive Park’s existing Washroom Building is beyond its life cycle, and is in a state of disrepair.

A new Washroom Building was identified as a key priority by the community during early consultation.

As per this consultation, the City has proceeded with demolition and replacement plans in a separate process.

The CPTED audit with Hamilton Police Services highlighted concerns that the existing picnic pavilion was not visible from the street, and the new Washroom Building and shade structure should be separated to encourage positive use of the space.

The preference was to locate the new Washroom Building in the heart of the park, where it could effectively serve all park users, and allow for short trips to and from play areas for parents and caretakers with small children. Setting the Washroom Building slightly further into the park places it a safe distance away from Concession Street.

This location, north of the existing Washroom Building, would not require trenching new underground services, making it more financially feasible.

The proposed Washroom Building will be based on similar buildings in other City of Hamilton parks that have worked well, including Bobby Kerr Park.

The building will be a 1,400-1,500 square foot (11x7.2 meter) prefabricated concrete structure with a metal roof, and designed to be vandal resistant. Because the building is prefabricated it can be built relatively quickly.

The building will have a universal and accessible washroom, a male washroom and female washroom. There will also be a storage room and a mechanical room.

The mechanical storage room will have an access hatch in the wall to run a hose to the seasonal ice rink for flooding.

A water bottle filler will be recessed into the building, for efficiency, cost savings and vandal resistance.

The building will be open from dawn until dusk, and will be piloted for use during the winter for people using the Seasonal Skating Rink. The Washroom Building will be insulated and kept at a certain temperature to ensure the longevity of the building.

The proposed Washroom Building will have blank wall space for a potential mural.
5.0 Park Improvements

Next Steps: Washroom Building

Detailed design for the new Washroom Building will be conducted as part of a separate process.

It is anticipated that the completion of the new Washroom Building will occur before any new park improvements.

Stakeholders: Washroom Building

• Landscape Architectural Services
• Parks Maintenance & Facilities Management
• Placemaking Public Art & Projects
• Hamilton Police Services

The new Washroom Building will closely resemble the Bobby Kerr Park Washroom Building. There will be a small overhang over top of the doors, which will face Concession Street for visibility and positive surveillance.

The washroom building is scheduled to start construction in 2022.

5.6.8 Park Maintenance Considerations

Consideration should be given to ensure maintenance vehicles can access the site with drop curbs. Pathways must have an appropriate turning radii, as maintenance vehicles have a wheelbase of 5.2 meters and a wheel width (track) of 1.9 meters.

Drainage design should not create overland flow across pathways that create slip and fall hazards in the winter months.

Undulating topography must incorporate slopes to drain off low lying pathway sections naturally.

Berms meant to be maintained should be no greater than 17 degrees, 30% grade.

Trees should be planted 2.5-3 meters away from pathways to allow space for root growth, limb overhang and grass mowing.
5.0 Park Improvements

5.7 Preferred Design Concept: Mountain Park Avenue

The Preferred Design Concept for Mountain Park Avenue is based on site findings, stakeholder and community feedback, Mountain Drive Park Resident Task Force input, best practices, and technical considerations.

The concept seeks to reflect the needs of the local community and balance the diverse needs of current and future users.

This conceptual plan will be used to guide future detailed planning, design, and development for improvements.

Two conceptual plans for Mountain Park Avenue were developed and presented to the community. The preferred concept plan was refined following community review.

Proposed park features:

1. Multi-Use Trail - Pedestrian
2. Multi-Use Trail - Cycling
3. Parking area
4. Furnishing zone
5. Lookout Area
6. Binocular
7. Naturalized Planting
8. Open lawn
9. Tree planting
10. Interpretive Signage
11. Swing Gates
Figure 73: Preferred Design Concept: Mountain Park Avenue
5.7.1 Roadway Pedestrianization

In order to address safety concerns along the Mountain Brow Trail and to provide an enhanced recreation experience along the Escarpment; Mountain Park Avenue, between Upper Sherman Avenue and Concession Street (north of the Main Parking Area), is proposed to be pedestrianized (pending re-affirmation from the community).

Pedestrianizing Mountain Park Avenue would involve removing the existing asphalt trail from the edge of the Escarpment, and using the existing roadway (to be blocked off at each end with swing gates) as a new trail with designated areas for cyclists and pedestrians. This solution would allow plenty of space for cyclists and pedestrians to pass each other safely and for people with mobility devices to maneuver.

Closing-off Mountain Park Avenue to vehicles would require removing the 12 existing lay-by parking spaces and converting these areas to greenspace and Naturalized Planting areas. These 12 parking spaces would be relocated to the Main Parking Area adjacent to the park proper. Overall, parking will not be reduced.

Prior to presenting this solution to the community, a concept plan was reviewed by City of Hamilton Staff, Hamilton Paramedics, Hamilton Fire, and representatives from the Juravinski Hospital to ensure safety and operational feasibility.

City of Hamilton Transportation Operations and Transportation Planning Services staff were consulted to review road counts on Mountain Park Avenue and for additional input on the initiative. Traffic counts revealed that the eastbound travel lane was the direction most used, but the overall street has a low traffic count.
5.0 Park Improvements

The Juravinski Hospital was consulted during the study alongside City of Hamilton staff. There are other local roads hospital staff and visitors can use to access Concession Street and their destinations. This is also true for the nearby school, churches and farmers market.

Currently, there is no vehicular access to the residential apartment buildings off of Mountain Park Avenue, so it would not be necessary to retain the roadway for this purpose, except at the East Parking Area which will remain, with access off of Mountain Park Avenue. Pedestrianizing Mountain Park Avenue offers a potential tranquil respite, and increased recreational opportunities for local residents, employees at local businesses and visitors to the area.

Painting the roadway will add a colourful element and placemaking experience to the park. Hopscotch, four-square and other games could be painted onto the roadway for additional play value. It is also recommend that a separate bike lane be painted on the roadway. The design and pattern painted onto the roadway should be reviewed with park operations and the manufacturer prior to implementation.

Pedestrianizing Mountain Park Avenue is a very cost effective solution, as no roadwork, construction or infrastructure changes would need to be carried out to improve conditions along the Mountain Brow Trail. The existing roadway already meets the requirements for fire and emergency access.

Online Survey #2 was completed by 448 residents, with 82% supporting the road being converted either to full pedestrianization or to a one-way street, and 65% of those supporting full pedestrianization.

Next Steps: Roadway Pedestrianization

Piloting the pedestrianization of Mountain Park Avenue will allow the City to gauge community enjoyment and functionality.

The City of Hamilton has committed to re-engaging the public to re-affirm support for the pedestrianization of Mountain Park Avenue. Consultation would include presenting all of the streetscape options to the community again and re-assessing support. Following this consultation, the preferred solution will be piloted and feedback will be gathered at the completion of the pilot to confirm its success, and make any improvements as necessary prior to making the preferred solution permanent. The Special Event Advisory Team and Concession Street BIA should be consulted prior to the pilot to help activate the space, should the pedestrianization be the selected option to pilot.

Stakeholders: Roadway Pedestrianization

- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Placemaking Public Art & Projects
- Hamilton Police Services, Paramedics & Fire
- Traffic Operations & Engineering
5.0 Park Improvements

5.7.2 Mountain Brow Trail Pinch Points

One of the main goals of the Mountain Drive Park Master Plan is to improve accessibility and inclusivity throughout the park, including along the existing Mountain Brow Trail.

There are currently two pinch points along the Mountain Brow Trail, between Mountain Park Avenue and the Escarpment, that do not allow for the minimum trail width or setback requirements. The minimum clear width for a walkway must be a minimum 1.5 meters, per AODA Accessibility Standards.

As a result, people using mobility devices, for example, would not be able to pass through certain areas of the trail, and could be forced onto the road. This existing condition presents significant safety concerns and must be addressed. Maintaining the status quo does not address these accessibility concerns.

Multi-use Trail Requirements

The Mountain Brow Trail Feasibility Master Plan (2018) recommends the multi-use trail along Mountain Park Avenue be 3.0-4.0 meters wide.

A minimum width of 3.0 meters is recommended for all bidirectional multi-use paths. Where user volumes are high, this width is recommended to increase to 4.0 meters wide.

A minimum clearway of 1.2 meters between the edge of the multi-use trail and the Escarpment is required. If a 1.2 meter clearway cannot be achieved there must be a barrier or guard between the multi-use trail and the Escarpment edge with a minimum height of 1.37 meters, as per the Traffic Manual Book for Cyclists.

The existing barrier along the trail does not comply with the Ontario Building Code (OBC) guard height for fall hazards.

Ideally, there should be a zone of lateral clearance between the roadway and the multi-use trail for street furnishings, snow storage and as a buffer from vehicles.
Mountain Park Avenue

In order to achieve the required 3.0 meter width along the Mountain Brow Trail, Mountain Park Avenue would need to be reconfigured. The width of the roadway would need to be decreased, or the route of the roadway would need to be altered.

Reducing Mountain Park Avenue to a one-way route, for example, would still require a new 1.37 meters high barrier at the West Pinch Point. A zone of lateral clearance between the roadway and the trail would still not be possible at either of the pinch points, and the trail would still travel directly beside the roadway at these locations. However, this initiative would achieve the requirements for Accessibility for Ontarian with Disabilities Act (AODA).
5.0 Park Improvements

5.7.3 Parking

We are proposing that Mountain Park Avenue be pedestrianized (pending re-affirmation by the community), and propose that the 12 existing on-street parking spaces be removed and relocated to the Main Parking Area.

Refer to Section 5.6.1 for a full description of the parking initiative.

5.7.4 Furnishing Zones

The furnishing zones along the Mountain Brow Trail will include the standard Mountain Brow palette of site furnishings: benches, waste receptacles, and bike racks.

As the trail network for the park is developed, there should be opportunities for residents to purchase commemorative memorial benches. The City of Hamilton runs a Commemorative Bench Program that should be used to facilitate the installation of commemorative benches. City of Hamilton’s Parks and Landscape Architecture Services teams can coordinate this effort during the detailed design stage of the project.

Stakeholders: Furnishing Zones

- Landscape Architectural Services
- Parks Maintenance & Facilities Management

5.7.5 Lookout Areas

Several lookout areas are proposed along the Escarpment. Each area includes furnishing zones with the standard Mountain Brow palette of site furnishings: benches, waste receptacles, and bike racks. In addition to the standard palette, armour stone could be provided for informal seating.

Binoculars are also proposed at the two larger Lookout Areas at each end of Mountain Park Avenue and should be free of charge.

Signage should be located at a few of these lookout spots referencing the proposed Naturalized Planting areas along the Escarpment. Signage with information on the views down to the lower City, or Hamilton’s history could also be considered in coordination with the City’s Tourism and Culture section, as these interpretive signs should form part of their heritage program.
5.0 Park Improvements

Stakeholders: Lookout Areas
- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Niagara Escarpment Commission
- Tourism and Culture

5.7.6 Naturalized Planting

Naturalized Planting is proposed in a few areas along Mountain Park Avenue / Mountain Brow Trail. These areas would essentially be allowed to grow naturally, with some native plants mixed in.

It would be imperative that these naturalized gardens have interpretive and educational signage indicating the intent of these areas. A precedent for this type of garden currently exists in Gage Park.

Park Operations will need to be engaged to ensure that a mowing schedule is identified for the Naturalized Planting areas. Naturalization could be trialled in specific areas with consultation with Park Operations.

Stakeholders: Naturalized Planting
- Landscape Architectural Services
- Parks Maintenance & Facilities Management

Park Theme

The Lookout Areas relate to the theme of environmental stewardship, and to the legacy of John William Kerr, who was the first provincial fisheries overseer. Using his telescope atop the Escarpment, Kerr was able to catch illegal fishers and poachers.

5.7.7 Tree Planting

There is an opportunity for additional street trees to be planted along the roadway / Mountain Brow Trail. Street trees would provide a comfortable microclimate and shade for trail users.

Stakeholders: Tree Planting
- Forestry and Horticulture
- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Niagara Escarpment Commission

Figure 87: Naturalized Planting in Gage Park
Figure 88: Existing Street Trees
Figure 89: Existing Street Trees
5.0 Park Improvements

5.7.8 Interpretive Signage

Interpretive Signage at the Naturalized Planting areas along the Escarpment is required to indicate the intent of these areas. Interpretive Signage along the Escarpment could also include maps and information on the views down to the lower City, or Hamilton’s history.

Trail etiquette signage should also be installed along pedestrianized Mountain Park Avenue.

Interpretive Signage needs to be installed onto concrete pads, and signs should be made from durable materials that are vandalism resistant, or made from components that, if damaged, could easily be replaced. The City needs to have copies of any panel artwork in case it needs to be replaced.

**Stakeholders:** Signage

- Landscape Architectural Services
- Tourism and Culture

5.7.9 Swing Gates

Swing gates are proposed at each end of Mountain Park Avenue to ensure the roadway is fully pedestrianized and closed to traffic. The proposed swing gates should swivel so emergency services and park maintenance staff can open the swing gates and drive through.

Park Operations prefers swings gates for vehicular access. Swing gates would require a 6 meter wide clearway to be maintained for emergency and fire access. Both groups would need to be consulted during detailed design.

**Stakeholders:** Swing Gates

- Landscape Architectural Services
- Parks Maintenance & Facilities Management
- Hamilton Police Services, Paramedics & Fire
- Traffic Operations & Engineering
5.7.10 Lighting

Properly designed, existing street lighting will adequately illuminate the directly adjacent pathways. As such, no additional lighting is proposed along Mountain Park Avenue and the lighting design for the park terminates at the east-end of Mountain Park Avenue.

5.7.11 Escarpment Barrier

The barrier along the Escarpment is comprised of a variety of different fencing types.

The western half of the Escarpment barrier is both a metal picket style fence with stone pillars, and a metal railing. The eastern half of the Escarpment barrier is a heritage, low-stone wall.

The goal of the Master Plan is to pull the multi-use trail away from the Escarpment barrier. The Mountain Brow Trail along Mountain Park Avenue has a series of pinch-points that do not meet the recommended minimum width for walkways per the Accessibility for Ontarians with Disabilities Act (AODA) and are not set back far enough from the Escarpment. If the walkway cannot be set back 1.2 meters or more from the edge of the Escarpment then a barrier is required with a minimum height of 1.37 meters, as per the Traffic Manual Book for Cyclists.

Eventually, the existing metal fencing should be replaced with the standard fencing consistent with the other areas of the Mountain Brow Trail.

Next Steps: Escarpment Barrier

The existing heritage, low stone wall, and stone pillars along the Escarpment should remain in place. However, a structural engineer should review the wall prior to construction or any removals are performed in close proximity.

Stakeholders: Escarpment Barrier

- Landscape Architectural Services
- Parks Maintenance & Facilities Management
5.8 Accessibility

It is important that Mountain Drive Park provides a safe and accessible space for all.

Considerations should be made to ensure that the park is barrier free, and accommodates people of all abilities including:

- People with mobility devices (wheelchairs, scooters, canes, and walkers);
- Parents with strollers;
- People with hearing and vision loss;
- Children; and
- Older adults.

5.8.1 Parking

Accessible parking spaces should be provided in the Main Parking Area. Accessible spaces should contain the appropriate accessible parking signage, a painted indicator in the parking space, and an accessible aisle painted on the asphalt. The City of Hamilton uses the Dynamic Symbol of Access for parking spaces and this symbol must be utilized in place of the International Symbol of Access.

Accessible parking spaces should be located close to the main park features and on an accessible route.

Accessible parking spaces must adhere to the standard Global Alliance on Accessible Technologies and Environments (GAATES) requirements.

5.8.2 Pedestrian Circulation

It is important that Mountain Drive Park has an accessible pathway and circulation system throughout the park. All pathways should meet the minimum clear width of 1.5 meters, and have a firm and slip resistant surface.

Changes in the pathway surface should be easily detected and tactile warning strips should be located at roadways, and parking areas.

Pathways should meet maximum running slope ratios and cross slope ratios.

Along longer pathways, rest areas with benches should be provided at regular intervals of a recommended 30 meters, and commuter routes should include adequate lighting.

5.8.3 Signage and Wayfinding

Wayfinding and Interpretive Signage should present information clearly and in a way that it is easy to understand. Signage could include urban braille and talk-back features for increased accessibility.

Signage along the Mountain Brow Trail could help users decide how best to enjoy the trail experience according to their needs and abilities. Trail head signage could contain information including:

- Length of trail;
- Type of surface the trail is constructed;
- Trail widths; and
- Location of amenities.

The Mountain Brow Multi-Use Pathway Feasibility Study recommends that Mountain Drive Park includes wayfinding, branding, and trail head signage (that would include the information listed above). The entire trail should have the Mountain Brow Standard trail confirmation and directional signage, and standard wayfinding and branding signage. Trail head and interpretive signage should be included last as no construction details exist for these yet.
5.0 Park Improvements

5.8.4 Washroom Building

Inclusive Washroom Buildings are important components in creating accessible and enjoyable park spaces.

Washroom Buildings should have entrances that are free of obstacles and barriers, and connect to an accessible route.

The design of the building’s interior should ensure adequate clear floor area and turning space, door design, and mounting height of washroom accessories.

Universal washrooms should encourage inclusivity, safety and privacy for all, including for people of all abilities, families, and transgender and nonbinary people.

5.8.5 Site Furnishings

The park’s site furnishings should be connected to an accessible route of travel, and include adequate clear space.

A variety of seating types, including seating with back and arm rests, and accessible picnic tables should be provided.

Seating areas should include room for a wheelchair or scooter.

5.8.6 Vegetation

Trees and gardens should be located in areas where plant material will not encroach or interfere with the accessible route of travel.

Any low-hanging branches or any plant material that creates a barrier or hazard should be trimmed by City Forestry staff.

5.8.7 Playground

All children deserve the opportunity to play and socialize. Facilitating play by children of all abilities is a key aspect of designing or updating any play space.

Important considerations for the playground include:

- Ensuring play spaces are physically, socially and emotionally inviting;
- Providing simple and accessible circulation with surfacing that allows wheelchair access;
- Providing the opportunity for challenge for all users, while minimizing hazards;
- Including gathering spaces;
- Integrating natural elements;
- Consideration of seating, benches and comfort for caregivers, and parents.
Implementation 6.0
6.1 Phasing

Many items identified in the Master Plan require a large budget and further detailed design work. These initiatives will need to be phased in over the course of several years.

Phasing may need to be adjusted as required based on available capital budgets and funding.

The goal is to have funding for detailed design and park construction underway in 2023.

The phasing for the park improvements is presented, outlining how the master plan could be achieved within 4 phases / years of construction.

**Project Timeline**

<table>
<thead>
<tr>
<th>2022-2023</th>
<th>Washroom Building Constructed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2023</td>
<td>1. Main Park Construction:</td>
</tr>
<tr>
<td></td>
<td>• Main Playground</td>
</tr>
<tr>
<td></td>
<td>• Natural Play Area</td>
</tr>
<tr>
<td></td>
<td>• Spray Pad</td>
</tr>
<tr>
<td></td>
<td>• Dry Riverbed Seating Area</td>
</tr>
<tr>
<td></td>
<td>• Shade Structure</td>
</tr>
<tr>
<td></td>
<td>• Seasonal Skating Rink (Community Led)</td>
</tr>
<tr>
<td></td>
<td>a. Detailed Design</td>
</tr>
<tr>
<td></td>
<td>b. Construction Drawings</td>
</tr>
<tr>
<td></td>
<td>c. Contract Administration</td>
</tr>
<tr>
<td></td>
<td>2. Washroom Building Mural Installation</td>
</tr>
<tr>
<td>2024</td>
<td>1. Re-present Development Options for Mountain Park Avenue and Determine Preferred Solution for Pilot Project</td>
</tr>
<tr>
<td></td>
<td>a. Community Engagement</td>
</tr>
<tr>
<td></td>
<td>2. Implement Preferred Solution for Mountain Park Avenue Pilot Project</td>
</tr>
<tr>
<td></td>
<td>a. Detailed Design</td>
</tr>
<tr>
<td></td>
<td>b. Construction Drawings</td>
</tr>
<tr>
<td></td>
<td>c. Contract Administration</td>
</tr>
<tr>
<td>2025</td>
<td>1. Multi-Use Trail Improvements in Park</td>
</tr>
<tr>
<td></td>
<td>a. Detailed Design</td>
</tr>
<tr>
<td></td>
<td>b. Construction Drawings</td>
</tr>
<tr>
<td></td>
<td>c. Contract Administration</td>
</tr>
<tr>
<td></td>
<td>2. Implementation of Permanent Solution for Mountain Park Avenue (Pending Option Selected). If Pedestrianization Option Re-affirmed:</td>
</tr>
<tr>
<td></td>
<td>• Construct Lookout Areas</td>
</tr>
<tr>
<td></td>
<td>• Remove Lay-by Parking</td>
</tr>
<tr>
<td></td>
<td>• Expand Main Parking Area</td>
</tr>
<tr>
<td></td>
<td>a. Detailed Design</td>
</tr>
<tr>
<td></td>
<td>b. Construction Drawings</td>
</tr>
<tr>
<td></td>
<td>c. Contract Administration</td>
</tr>
</tbody>
</table>
1. Construct Remaining Park Initiatives
   - Fitness Stations
   - Meditation / Gathering Circle
   - Park Nodes
   - Pollinator Garden
   - Interpretive and Trail Head Signage

b. Detailed Design
c. Construction Drawings
d. Contract Administration

2. Escarpment Stairway
   (Future project to be carried out as a separate study.)

Consultation

Online Survey #2 asked respondents to indicate which amenities they would like to see installed in order of priority. This input, listed below, has been taken into consideration for determining phasing for the project.

1. Main park improvements (i.e. Spray Pad, Playgrounds, Shade Structure and associated pathways and tree planting).

2. Redevelopment of Mountain Park Avenue and trail.

3. Open Lawn and flowering trees.

4. Meditation / Gathering Circle and Pollinator Garden, including associated pathways.

5. Escarpment Stairway to lower City and drinking fountain.

6. Fitness Stations and associated pathways.

7. Park entry nodes and interpretive signs.
6.2 Technical Considerations

Geotechnical investigation has revealed existing site conditions that will have a potential impact on construction costs for the park.

The geotechnical study determined that the bedrock on site is quite high, typically less than 1.0 meter below current grade, and that supplemental testing should be conducted to ensure any loose or unsuitable fill is subexcavated and replaced by engineered fill.

Based on the borehole information, some soils have high moisture content and are frost susceptible.

If construction is scheduled during the winter months, temporary gravel roads may have to be constructed to allow heavy construction equipment to travel throughout the site.

Also, native silt in the area would be an unsuitable base for the spray pad, and it is recommended that the topsoil and native materials be subexcavated to the bedrock and replaced with an engineered fill pad.

Due to the height of the bedrock on site, sewer services for the splash pad and washroom building may require earth berms and pipe insulation or rock excavation (requiring additional analysis).

6.3 Permitting

Several permits will be required for implementing the improvements to Mountain Drive Park:

- A building permit for the Shade Structure obtained through the City of Hamilton’s Building Department.
- A Site Plan Exemption letter specific to the parking lots (if the pedestrianization option for Mountain Park Avenue is selected) obtained from the City’s Planning department.
- A Development Permit Application (DPA) through the Niagara Escarpment Commission (NEC) for certain aspects of the project, such as the multi-use pathway upgrades and a review of any lighting upgrades/implementation.
- It has been confirmed that an Archaeological Assessment is not required for this site.
- The Natural Heritage section at the City of Hamilton should also be re-consulted when carrying out multi-use pathway upgrades to re-affirm that an Environmental Impact Statement (EIS) is not required.

6.4 Budget

The City of Hamilton has funds set aside to complete the design work for Mountain Drive Park and the proposed Washroom Building.

New amenities will be funded through development charges, which are funds collected from developers across the City to support the creation of new outdoor amenities.

Refurbishing existing features (i.e. replacing the playground) would not qualify for funding from development charges, and these types of initiatives would need an alternative City funding source for implementation.

Conversations with City councilors and City staff could help build momentum for the implementation of some of the exciting initiatives proposed in the Master Plan.

The proposed Escarpment Stairway connection would need to find additional funding separate from the Mountain Drive Park project. This project wasn’t listed as being high priority by the community.

A preliminary capital cost estimate of the recommended improvements identified in the Mountain Drive Park Master Plan has been prepared to help the City budget and plan for the improvements.
**Year 1 (2023)**

Main Park Construction:
- Main Playground (Senior and Junior)
- Natural Play Area
- Spray Pad
- Dry Riverbed Seating Area
- Shade Structure
- Lighting
- Tree Planting and Transplanting
- Site-wide Sod/Lawn Area Repair or Improvements (including leveling gullies in lawn)
- Site Furnishings
- Asphalt Walkways

$1,372,803.90

Implement Washroom Building Mural:

$15,000.00

**Year 1 (2023) Total:** $1,387,803.90

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**Year 2 (2024)**

Develop Preferred Solution for Mountain Park Avenue Pilot Project:
- Community Engagement to Present Options Identified in the Master Plan and to Re-affirm Preferred Solution

$25,000

Implement Preferred Solution for Mountain Park Avenue Pilot Project (Pending Option Selected). If Pedestrianization Option is Re-affirmed:
- Streetbond Paint for Multi-use Trail with Separate Areas for Cyclists and Pedestrians
- Traffic Control Swing Gates
- Site Furnishings

$341,068.20

**Year 2 (2024) Total:** $366,068.20
Year 3 (2025)
Multi-Use Trail Improvements in Park:
• Mountain Brow Trail Widening
• Asphalt Pathways
• Site Furnishings and Trail Branding Signage
• Fencing
• Lighting

$514,046.00

Mountain Park Avenue Implementation of Permanent Solution (Pending Option Selected). If Pedestrianization Option is Re-affirmed:
• Existing Asphalt Trail Removal
• Removal of Existing Layby Parking Areas
• Modifications to West (At Upper Sherman) Parking Area
• Lookout Areas with Site Furnishings
• Interpretive Signage
• Tree Planting and Transplanting
• Naturalization Planting

$687,666.08

Year 3 (2025) Total: $1,201,712.08

Year 4 (2026)
Construct Remaining Park Initiatives:
• Fitness Stations
• Meditation / Gathering Circle
• Park Nodes
• Pollinator Garden
• Naturalization Planting
• Interpretive and Trail Head Signage
• Parking Area Expansion
• Escarpment Stairs Access Point (Stairs Not Included)
• Tree Planting
• Site-wide Sod/Lawn Area Repair or Improvements
• Site Furnishings

Year 4 (2026) Total: $464,326.50

Cost estimates include:
• Consulting Fees;
• Bonding Allowance;
• Construction Start-up Allowance;
• Demolition and Site Works Allowance;
• Additional Studies and Permitting Allowance; and,
• Contingency.
Online Survey Results
### MOUNTAIN DRIVE PARK MASTERPLAN
**SURVEY#1 RESULTS SUMMARY**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DISCUSSION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.0 Visitor Summary</strong></td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>653 online visitors viewed one project page associated with the Mountain Drive Park Masterplan. These online visitors are considered “Aware”.</td>
</tr>
<tr>
<td>1.2</td>
<td>411 online visitors viewed multiple project pages and links associated with the Mountain Drive Park Masterplan. The online visitors are considered “Informed”.</td>
</tr>
<tr>
<td>1.3</td>
<td><strong>340 online visitors completed the Mountain Drive Park Masterplan Survey #1. These online visitors are considered “Engaged”</strong>.</td>
</tr>
<tr>
<td>1.4</td>
<td>111 was the maximum number of online visitors in one day to access the Mountain Drive Park Masterplan Engage Hamilton project page.</td>
</tr>
<tr>
<td>1.5</td>
<td>85% of online visitors accessed the Mountain Drive Park project page either directly (i.e. saw the web-link from a poster or from the mail drop) or via social media (facebook or twitter).</td>
</tr>
<tr>
<td><strong>2.0 Survey Summary</strong></td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td>The following are the results of the online survey questions completed by 340 online visitors. The online survey was available on the Engage Hamilton platform. The survey launched March 02, 2021 and closed on March 23, 2021.</td>
</tr>
</tbody>
</table>

The purpose of the survey was to understand how park users are accessing the park, how long they stay at the park, how often they visit, which exiting amenities they most value, which amenities they’d like to see added and / or improved and which amenities they would **not** like to see added and / or improved.

Link to project webpage: [https://www.hamilton.ca/parks-recreation/improving-our-parks/mountain-drive-park](https://www.hamilton.ca/parks-recreation/improving-our-parks/mountain-drive-park)

Link to Engage Hamilton Platform: [https://engage.hamilton.ca/mountaindrivelpark](https://engage.hamilton.ca/mountaindrivelpark)

See page 2.
Mountain Drive Park Masterplan Survey

Which ward do you live in? Use the find your ward tool if you don’t know your ward.

Question options

- Ward 1
- Ward 2
- Ward 3
- Ward 4
- Ward 5
- Ward 6
- Ward 7
- Ward 8
- Ward 9
- Ward 11
- Ward 12
- Ward 14
- Do not live in Hamilton

Optional question (336 response(s), 6 skipped)

Question type: Dropdown Question
What is your age group?

- Under 15 years old: 84 (24.9%)
- 16 to 25 years old: 58 (17.2%)
- 26 to 35 years old: 53 (15.7%)
- 36 to 45 years old: 81 (24.0%)
- 46 to 55 years old: 16 (4.7%)
- 56 to 65 years old: 39 (11.5%)
- 66 to 75 years old: 6 (1.8%)
- 76 years and older: 1 (0.3%)

Optional question (338 response(s), 4 skipped)
Question type: Dropdown Question
How often do you visit the park?

- Daily: 154 (46.0%)
- A few times a month: 100 (29.9%)
- Less than once per month: 59 (17.6%)
- Every few years: 22 (6.6%)
How long do you typically stay at the park when you visit?

- 55 (16.3%)
- 115 (34.1%)
- 123 (36.5%)
- 42 (12.5%)
- 2 (0.6%)
Why do you visit the park? Select your top three activities.

- Views to the Lower City: 210
- Nature Viewing: 127
- Trail use for jogging, cycling, walking, rollerblading etc.: 243
- Picnicking: 101
- Pet Walking/Exercising: 136
- Use of open lawn for free play, i.e. soccer, football, etc.: 48
- Other (please specify): 12

Optional question (341 response(s), 1 skipped)

Question type: Checkbox Question
How do you travel to and from the park?

- Walk/Run: 290
- Cycle: 80
- Public Transit: 5
- Drive: 80
- Other (please specify): 2

Optional question (340 response(s), 2 skipped)

Question type: Checkbox Question
Where do you normally park (refer to the image for parking area numbers)?

**Question options**
- **Local streets**
- Parking area 1
- Parking area 2
- Parking area 3
- Parking area 4
- Parking area 5
- Parking area 6

Optional question (79 response(s), 263 skipped)

Question type: Checkbox Question
How do you feel about the removal of some parking areas?

- 112 I support the removal of one or two parking areas along the Mountainbrow to increase trail width and have more open space. Note this statement does not apply to parking area #6.
- 67 I support the removal of three or four parking areas along the Mountainbrow to increase trail width and have more open space. Note this statement does not apply to parking area #6.
- 107 I support the removal of all the parking areas along the Mountainbrow to increase trail width and have more open space. Note this statement does not apply to parking area #6.
- 51 I do not support the removal of any parking areas.

Optional question (337 response(s), 5 skipped)

Question type: Checkbox Question
Which elements do you value most about the park? Select your top two options.

<table>
<thead>
<tr>
<th>Question options</th>
<th>Response Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Views</td>
<td>144</td>
</tr>
<tr>
<td>Mature trees</td>
<td>135</td>
</tr>
<tr>
<td>Washroom building</td>
<td>135</td>
</tr>
<tr>
<td>Playground</td>
<td>81</td>
</tr>
<tr>
<td>Historical interpretation signs</td>
<td>81</td>
</tr>
<tr>
<td>Open lawn and passive areas</td>
<td>81</td>
</tr>
<tr>
<td>Trail system</td>
<td>81</td>
</tr>
<tr>
<td>Floral display near look-out</td>
<td>81</td>
</tr>
<tr>
<td>Other (please specify)</td>
<td>12</td>
</tr>
<tr>
<td>Optional question (342 response(s), 0 skipped)</td>
<td></td>
</tr>
</tbody>
</table>

Optional question: Checkbox Question
Which statement best describes how you would like the park to improve? Note: examples of passive elements include sun shelters, trails, picnic areas, benches, etc. Examples of active elements include spray pads, playground, fitness equipment, fenced...

1. I don’t want anything changed. I like it the way it is.
2. I want to protect the mature trees and passive feel of the park and would like to see the existing elements improved with some minor additions that are still passive.
3. I want to protect the mature trees and passive feel of the park and would like to see the existing elements improved with one or two additions that are active.
4. I want to see the existing elements improved and additions of more active elements. The passive feel of the park does not appeal to me.
5. None of these statements apply to me.

Optional question (338 response(s), 4 skipped)
Question type: Checkbox Question
What do you feel are the most important amenities that you want to see improved and/or added? Select up to five options.*Note: community garden, community-led ice rink and dog area require volunteers from the community to run these programs. Without...

**Question options**

- Lighting
- Trail system improvements and widening with more benches, fencing, waste bins, bicycle racks, look-outs and picnic tables
- Trail connection to the lower city/rail trail
- Playground structure
- Washroom building
- Sun canopy either extending from the washroom building or a new sun shelter
- Spray pad
- Fenced in dog area*
- Half-court or full court (basketball, ball hockey)
- Protection of trees and more tree planting
- Community garden*
- Community led ice rink*
- Fitness stations
- Open lawn
- Historical plaques
- Floral display near look-out area
- Other (please specify)

*Optional question (342 response(s), 0 skipped)

*Question type: Checkbox Question*
What do you feel are the least important amenities that need to be improved and / or added?*Note: community garden, community-led ice rink and dog area require volunteers from the community to run these programs. Without enough volunteers these pro...

**Question options**
- Lighting
- Trail system improvements and widening with more benches, fencing, waste bins, bicycle racks, look-outs and picnic tables
- Trail connection to the lower city/ rail trail
- Playground structure
- Washroom building
- Sun canopy either extending from the washroom building or a new sun shelter
- Spray pad
- Fenced in dog area*
- Half-court or full court (basketball, ball hockey)
- Protection of trees and more tree planting
- Community garden*
- Community led ice rink*
- Fitness stations
- Open lawn
- Historical plaques
- Floral display near look-out area

*Optional question (335 response(s), 7 skipped)*

*Question type: Checkbox Question*
### MOUNTAIN DRIVE PARK MASTERPLAN
### SURVEY #1 RESULTS SUMMARY

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DISCUSSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0</td>
<td><strong>Next Steps</strong></td>
</tr>
<tr>
<td>3.1</td>
<td>The City will review the comments provided and develop a park visioning statement for based on the results received, along with Park Development Options. The development options will be shared with the community to receive input and for the community to select the preferred option. All project updates will be posted to the Engage Hamilton and Project Webpage. Links to both pages are provided under item 1.</td>
</tr>
</tbody>
</table>
## MOUNTAIN DRIVE PARK MASTERPLAN

### SURVEY #2 RESULTS SUMMARY

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DISCUSSION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.0</strong> Visitor Summary</td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>2,094 (up from 653 since survey #1) online visitors viewed one project page associated with the Mountain Drive Park Masterplan. These online visitors are considered “Aware”.</td>
</tr>
<tr>
<td>1.2</td>
<td>1,195 (up from 411 since survey #1) online visitors viewed multiple project pages and links associated with the Mountain Drive Park Masterplan. The online visitors are considered “Informed”.</td>
</tr>
<tr>
<td>1.3</td>
<td><strong>448 online visitors completed the Mountain Drive Park Masterplan Survey #2. These online visitors are considered “Engaged”. A total of 340 completed survey #1.</strong></td>
</tr>
<tr>
<td>1.4</td>
<td>318 (up from 111 since survey #1) was the maximum number of online visitors in one day to access the Mountain Drive Park Masterplan Engage Hamilton project page.</td>
</tr>
</tbody>
</table>

| **2.0** Survey #2 Summary | |
| 2.1 | The following are the results of the online survey questions completed by 448 online visitors. The online survey was available on the Engage Hamilton platform. The survey launched July 27, 2021 and closed on September 30, 2021. |

The purpose of the survey was to understand if the community supported the plans presented to-date, to establish a preferred concept for the Mountain Park Avenue Streetscape, to help the City determine park improvement priorities based on the community’s preferences and to receive general feedback on the process to-date. **

Link to project webpage: [https://www.hamilton.ca/parks-recreation/improving-our-parks/mountain-drive-park](https://www.hamilton.ca/parks-recreation/improving-our-parks/mountain-drive-park) 

Link to Engage Hamilton Platform: [https://engage.hamilton.ca/mountaindrivepark](https://engage.hamilton.ca/mountaindrivepark) 

See page 2 for start of survey results.
## Item Discussion

**Question #1:**

Do you support the improvements and new additions as shown on the development option for the Park?

<table>
<thead>
<tr>
<th></th>
<th>Discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Yes</strong></td>
<td>381</td>
</tr>
<tr>
<td><strong>No</strong></td>
<td>49</td>
</tr>
<tr>
<td><strong>Other (please specify)</strong></td>
<td>18</td>
</tr>
<tr>
<td>ITEM</td>
<td>DISCUSSION</td>
</tr>
<tr>
<td>------</td>
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</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Question #2:**

Please select your preference for the Mountain Park Avenue Streetscape Improvement.

![Bar Chart]

- **Option A - One-way Conversion**: 79 votes
- **Option B - Pedestrianization of Mountain Park Avenue**: 290 votes
- **Option C - Status Quo**: 67 votes
- **Option D - No Preference**: 16 votes
Question #2:

Please select your preference for the Mountain Park Avenue Streetscape Improvement.

---

Question #3:

To help City staff budget for the improvements and develop a phasing timeline, please indicate which grouping of amenities you would like to see installed in order of priority with **one (1) being your highest priority and seven (7) being your lowest priority.** *Note that the washroom building will be implemented by Facilities in 2022.*

<table>
<thead>
<tr>
<th>Item</th>
<th>Discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.38 (highest prioritized)</td>
<td>Main park improvements, i.e. installation of new spray pad, playground areas, sun shelter and associated pathways and tree planting.</td>
</tr>
<tr>
<td>2.68</td>
<td>Redevelopment of Mountain Park Avenue into preferred development option and trail improvements to section of trail that runs along the edge of the escarpment.</td>
</tr>
<tr>
<td>3.91</td>
<td>Open lawn and flowering trees.</td>
</tr>
<tr>
<td>4.13</td>
<td>Meditation area and pollinator garden, including associated pathways.</td>
</tr>
<tr>
<td>4.46</td>
<td>Stair connection to lower City and drinking fountain. Note that this project may require funding from external sources and will need to be planned accordingly given the complexity of the project and permitting requirements.</td>
</tr>
<tr>
<td>4.71</td>
<td>Fitness stations and associated pathways.</td>
</tr>
<tr>
<td>5.4 (lowest prioritized)</td>
<td>Park entry nodes and interpretive signs.</td>
</tr>
</tbody>
</table>
### ITEM | DISCUSSION
--- | ---
3.0 | **Next Steps**
3.1 | The City will present the findings to the Mountain Drive Park Task Force Group and share the findings with the Community via the Engage Hamilton Platform and the Project Web-page. The masterplan report will be finalized based on the feedback received and the City will start budgeting through the Capital Budget Process to implement the changes based on the community’s feedback.
ITEM DISCUSSION

3.0 Next Steps

The City will present the findings to the Mountain Drive Park Task Force Group and share the findings with the Community via the Engage Hamilton Platform and the Project Web-page. The masterplan report will be finalized based on the feedback received and the City will start budgeting through the Capital Budget Process to implement the changes based on the Community’s feedback.
Page Intentionally Left Blank
Mountain Drive Park Master Plan - Streetscape Concept A

Streetscape Concept A - Perspective

Existing Streetscape Conditions

1. Multi-Use Trail
2. One Way Vehicular Route
3. Lay-by Parking
4. Furnishing Zone
5. Viewing Area
6. Binocular
7. Native Planting
8. Interpretive Signage
9. Open Lawn
10. Furnishing Zone
11. Lay-by Parking
12. Viewing Area
13. Native Planting
14. Interpretive Signage
15. Open Lawn

August 9, 2021
Mountain Drive Park Master Plan - Streetscape Concept B

1. Multi-Use Trail - Pedestrian
2. Multi-Use Trail - Cycling
3. Furnishing Zone
4. Parking Area
5. Viewing Area
6. Native Planting
7. Interpretive Signage
8. Binocular
9. Open Lawn
10. Bollards

Existing Streetscape Conditions

Streetscape Concept B - Perspective

August 9, 2021
Public Information Centre
Meeting Minutes
Item 1
The meeting was called to order at 6:36 p.m. by Louise Thomassin, Landscape Architect and Project Manager for the Mountain Drive Park Masterplan, and everyone was welcomed to the meeting. Housekeeping rules and the meeting format were presented by Louise Thomassin, Landscape Architect. City staff present at the meeting introduced themselves.

Item 2
Councillor Jackson and Councillor Pauls introduced themselves and the project.

Councillor Jackson, thanked all staff working on the Mountain Drive Park Masterplan to bring recommendations and proposals forward to the Community. Councillor Jackson thanked the community members in Ward 6 and Ward 7 involved in the process and noted that unique projects like this don’t come along very often. Councillor Jackson provided the example of Peace Memorial Park as another legacy project.

Councillor Jackson thanked the Mountain Drive Park Task Force of over 40 residents who are volunteering their time to contribute to the project, with a special thank you to the Chair and Vice Chair leading the Task Force. Councillor Jackson identified some of the new initiatives being considered in the park, like a spray pad, and potential upgrades, including walkway upgrades, facility upgrades and lighting. Councillor Jackson expressed the importance of protecting the greenspace and that this is paramount to the Community.

Councillor Pauls thanked Councillor Jackson for the working in collaboration on the Mountain Drive Park Masterplan project and for
sharing the history of the project. Councillor Pauls also thanked the Task Force for their dedication to the project, their knowledge and their input. The effort of the community and city staff working to improve Mountain Drive Park was recognized, as was the team work. Councillor Pauls noted that we are making a significant investment in the project for this great showcase of a park.

Item 3
Louise Thomassin, Landscape Architect in collaboration with Lu-Ann Duxbury, Project Manager for Facilities and Ken Coit, Program Manager Public Art and Projects provided a PowerPoint presentation.

With the aid of a PowerPoint presentation, Louise Thomassin discussed the following information:

**Purpose of a Masterplan**
- Planning tool used to establish a vision for future park improvements, identify a budget and identify a timeline for implementation

**Components of a Masterplan**
- Inventory and analysis of existing conditions, regulation and policies
- Establish a park vision and generate criteria for success
- Develop and evaluate feasible design concepts and select a preferred option
- Identify a budget and timeline for implementation
- Through the whole process receive community, city staff and stakeholder input

**Masterplan Example**
- Sam Lawrence park is a recent park example that underwent a masterplan
 Boundary and Context
 o Mountain Drive park is located at 935 Concession Street in Ward 6 and Ward 7. Existing features within the park include the mountain brow trail, a play structure and swing sets, a washroom building, floral display, parking, mature trees, Niagara escarpment, fencing, rock walls and open lawn space.

 What We’ve Done and Where We Are
 o Establish a task force committee and on-going meetings
 o Inventory and analysis including relevant studies (geotechnical, Crime Prevention Through Environmental Design review with Hamilton Police, surveys)
 o Stakeholder engagement (internal staff, external stakeholders, task force, community Advisory Committee for Persons with Disabilities)
 o Establish a project vision and priorities, and creation of development options
 o Evaluate development options and select preferred option (We Are Here!)
 o Prepare masterplan report
 o Finalize masterplan report and make available to the public

 Community Engagement
 o November 2020: call to residents to serve on the Mountain Drive park task force
 o March 2021: launch of survey #1 “Inventory and Analysis”
 o August until September 2021: launch of survey #1 “Park Improvements”, Public Information Centre on September 09, 2021

 Survey #1 results
 o To see full results please follow link below:
An overview of the results was provided by Louise Thomassin

**Vision Statement and Goals**

- Protect the natural beauty and passive feel of the park through conservation, while enhancing access and opportunities for inclusive recreation and play.
  - Protect the passive feel of the park, mature trees and viewsheds to provide a place of respite for the community.
  - Enhance trail connectivity and accessibility within the park and to the broader community and ensure people come first to create a place for all to safely enjoy.
  - Introduce one or two active elements that are inclusive, and respect and pay homage to the natural beauty of the park and be mindful of potential impacts to the natural environment and people.

**Community Priorities**

- **Improvements:**
  - Trail system i.e. lookouts with binoculars, trail widening, etc.
  - Biodiversity, tree planting and groupings
  - Playground being cognizant of accessibility, challenge and inclusivity
  - Sun shelter
  - Washroom building
  - Enhance park identity through history

- **Additions:**
  - Lighting, with trail being priority
  - Spray pad
  - Trail connection to lower City, including review with approval agencies
Review of Development Options

- **Main park area:**
- **Streetscape option A (one-way conversion)**
- **Streetscape option B (full pedestrianization)**

Survey #2 Goals

- Seek input on development options and gauge support
- Determine preferred option for Mountain Park Avenue
- Determine community priorities for timing of implementation

Next Steps

- Share development options with stakeholders (complete)
- Select and refine preferred option with stakeholders
- Public results and findings to project web-page
- Prepare and share masterplan report with community

With the aid of a PowerPoint presentation, Lu-Ann Duxbury discussed the following information:

**Key Building Highlights**

- Multiple washroom options:
  - Universal and accessible, male and female washroom
- Vandal resistant building design
  - Pre-fabricated concrete structure
  - Fast erection on site
  - Metal roof

- Open for winter use:
  - Facility open 12 months of the year
  - Insulated to maintain the asset
- Storage room for user groups:
  - Suitable size for SUPIE and winter rink users
  - Will include a hose bib for ice rink user group
- Small covered entryway:
  - Covers washroom entry doors
  - Complete within drinking fountain / water bottle filling station
- Blank wall for future mural:
  - To be coordinated with City of Hamilton Public Art

Washroom Building Schedule

- Schematic design (we are here)
- Detailed design (November 2021 until January 2022)
- Building permit (February / March 2022 submission)
- Tender award (late spring 2022)
- Construction (commence summer 2022)
- Open to the public (summer 2023)

With the aid of a PowerPoint presentation, Ken Coit discussed the following information:

- **Public Art**
  - Possible public art mural on washroom building:
    - Artist and subject matter to be selected through a public process to be meaningful to the local community
    - Discourages graffiti tagging
    - Provides a colourful focus at the centre of the park

Item 4

Cynthia Graham, Manager of Landscape Architectural Services presented budget considerations for Mountain Drive Park and thanked everyone for attending meeting. Cynthia’s role is to coordinate budgets for Landscape Architectural Services project (Mountain Drive Park being one of them) and
Review of Development Options

- Main park area:
  - [https://www.hamilton.ca/sites/default/files/media/bro\wser/2021-07-27/mountain-drive-park-development-masterplan-v2.pdf](https://www.hamilton.ca/sites/default/files/media/bro\wser/2021-07-27/mountain-drive-park-development-masterplan-v2.pdf)
- Streetscape option A (one-way conversion)
  - [https://www.hamilton.ca/sites/default/files/media/bro\wser/2021-07-27/mountain-drive-park-streetscape-development-option-a-v2.pdf](https://www.hamilton.ca/sites/default/files/media/bro\wser/2021-07-27/mountain-drive-park-streetscape-development-option-a-v2.pdf)
- Streetscape option B (full pedestrianization)
  - [https://www.hamilton.ca/sites/default/files/media/bro\wser/2021-07-27/mountain-drive-park-streetscape-development-option-b-v2.pdf](https://www.hamilton.ca/sites/default/files/media/bro\wser/2021-07-27/mountain-drive-park-streetscape-development-option-b-v2.pdf)

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Item 4

Cynthia Graham, Manager of Landscape Architectural Services presented budget considerations for Mountain Drive Park and thanked everyone for attending meeting. Cynthia’s role is to coordinate budgets for Landscape Architectural Services project (Mountain Drive Park being one of them) and
submit detailed budget sheets to Council for consideration. Cynthia Graham identified that we have the existing funds to complete the design work for Mountain Drive Park.

For the construction of the park, Cynthia Graham will need to submit a budget sheet. At current, we are estimating the construction of the park to be $1.4M, but final budget numbers will depend on what’s chosen as the preferred concept. The construction budget ask will be submitted to Council for consideration in 2023, with the aim of constructing in 2023. Note however that this budget number does not include the washroom building upgrades, which is accounted for through Facilities and is already being planned for reconstruction in 2022.

Cynthia Graham explained that the funding for new amenities only proposed at Mountain Drive Park, like the spray pad, we have a relatively secure funding source for called development charges. Development charges are collected from developers across the city to help support increases in amenity needs.

For existing amenities that are replacement amenities, Cynthia Graham explained that another City funding source would need to be found as these would not be eligible for development charges.

We have approximately $700K identified and the remaining funds to get to the $1.4K will need to be identified by working with the Ward Councilors and corporate finance staff to find the rest of the funding source for 2023. Good news is that it’s an existing project underway with momentum and come budget time for 2023 there will be conversations with the Councilors to find the remainder of the funding to reach the estimate.

Item 5
Comments and questions can be found in the attached document prepared by Louise Thomassin.

Item 6
Louise Thomassin thanked the attendees for attending the Public Consultation for the Mountain Drive Park Masterplan and expressed that
this is an opportunity to positively impact the development of Mountain Drive Park. It was noted that the community’s input is critical to the outcome. Louise Thomassin reminded everyone to complete the survey available at the link below, if attendees hadn’t already done so as it closes on September 30th, 2021.

- [https://engage.hamilton.ca/mountaindrivepark](https://engage.hamilton.ca/mountaindrivepark)

**Item 7**
There being no further business, the meeting was adjourned at 8:07pm.
### COMMENTS / QUESTIONS & ANSWERS

<table>
<thead>
<tr>
<th>ITEM</th>
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<tr>
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<td>Will it be possible to have solar lights in the park where in densely treed areas?</td>
<td>We will need to review the lighting photometrics during detail design and work with the solar lighting manufacturer to determine if solar lights would be appropriate and function in areas that are more treed. Councillor Jackson noted that the existing lights east of Kenilworth work well however there are not as many mature trees.</td>
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<tr>
<td>2.0</td>
<td>Is there a place for a community ice rink identified in the plan?</td>
<td>There is an allocated area east of the building and there will be a hose bib connection and light to assist and provide the necessary tools and provisions in running a community lead ice rink program.</td>
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<tr>
<td>3.0</td>
<td>Will the proposed stair connection to the rail trail be straight or a zigzag pattern?</td>
<td>The exact alignment of the stairs will be determined through detail design. The goal is to preserve as many mature trees as possible with the alignment, and to provide suitable rest areas, a bicycle trough and a width like the more recent stair installations across the city (e.g. the stair connection as the Chedoke golf course is an example). Other considerations such as the geotechnical study results and recommendations as well as comments and feedback from stakeholders such as the Niagara Escarpment Commission, will also drive the future alignment.</td>
</tr>
</tbody>
</table>

Please contact the Project Manager within two (2) days of receipt of this document if you wish to make any changes to the record.
Meeting Location: Web - E Virtual Meeting
Time: 6:30 pm – 8:30 pm

Project Title: Mountain Drive Park Masterplan
Date: September 09, 2021

Purpose:
Overview of masterplan process and updates, including redevelopment options and features and next steps

Date Prepared: September 13, 2021

The following are comments and questions by the Public Information Centre (PIC) attendees and is not a verbatim transcription. The comments and questions are not necessarily shown in the order asked. Responses to the comments and questions are provided.

ITEM   COMMENTS / QUESTIONS   RESPONSE
1.0     Will it be possible to have solar lights in the park where in densely treed areas? We will need to review the lighting photometrics during detail design and work with the solar lighting manufacturer to determine if solar lights would be appropriate and function in areas that are more treed. Councillor Jackson noted that the existing lights east of Kenilworth work well however there are not as many mature trees.

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Please contact the Project Manager within two (2) days of receipt of this document if you wish to make any changes to the record.
Items 1 and 2

The meeting was called to order at 6:02 p.m. by Councillor Pauls. As the new Councillor for Ward 7, Councillor Pauls stated her pleasure with the tremendous response by the Ward 6 and Ward 7 citizens.

Staff introductions were made, and an outline of the meeting format was provided by Louise Thomassin, Landscape Architect, Landscape Architectural Services (LAS). Councillor Jackson provided an overview of the role of the Task Force and thanked everyone for their interest in serving in this important decision-making process.

The role of the Task Force includes, but is not limited to, the following: guiding decisions on the redevelopment strategy, sharing ideas and goals for the park with the Ward 6 and 7 Councillors and working with staff to come up with a redevelopment plan.

Councillor Jackson then gave an overview of the park project. He sees it as a “dual function” park – that is a neighbourhood park and a community park. Councillor Jackson referenced Peace Memorial Park as an example of a successful citizen-lead project.

He noted that the last major work done at the park was approximately 10 years ago. At that time, the pathway along the escarpment was paved and concrete sidewalks along Concession Street were added for improved accessibility. Over the years, Councillor Jackson has heard many ideas on how to enhance/upgrade the park but he wants to ensure that green space/open areas are maintained.

This Task Force will provide an opportunity for citizen input to bring all of the ideas together. Councillor Jackson noted that through his Ward 6 budget, he contributed $100,000.00 to complete this conceptual plan.
Item 3
Louise Thomassin introduced herself to the Task Force as the Project Manager and explained that she is responsible for ensuring the timeline for the project is achieved.

Ms. Thomassin made a presentation to the Task Force with the aid of a PowerPoint document. The presentation included the following information:

- **Master Plan Process – what is it?**
  - A planning tool used to establish a vision for future park improvements, identify a budget as well as a timeline for implementation
  - Community, City Staff and Stakeholder input is received
  - An inventory and analysis of the existing conditions, regulations, policies, etc. is made
  - Establishes a Park Vision and General Criteria for Success
  - Develops and Evaluates Feasible Design Concepts and Selects Preferred Options
  - Identifies a budget and timeline for implementation

- **Site Context – boundary and features**
  - West Look-Out: Views to the City, asphalt pathway/link, parking (including accessible parking), park signage, horticultural displays (donated) with recognition signage, fencing and masonry columns, tree planting and informal seating
  - Escarpment: Cliff faces and significant woodlands
  - Park Proper: Views to the City, asphalt pathway/link, playground structure and swings, washroom building with covered outdoor overhang, spot lighting and utilities, mature trees, park signage, low masonry wall, chain link fence and interpretive signage
• Constraints and Considerations
  o Provincial - Niagara Escarpment Commission (NEC) and Accessibility Standard for the Design of Public Spaces
  o City of Hamilton - Official Plan (Natural Heritage Plan), by-laws, and related masterplans
  o Universal - Crime Prevention through Environmental Design

• Project Timeline
  o Task Force start-up and Stakeholder Engagement (Jan 2021) leading up to a Finalized Masterplan Report that is available to the public in December of 2021

Item 4

Cynthia Graham, Manager, LAS, addressed the Task Force about the budget for the project. Ms. Graham explained that her role is to ensure the process goes smoothly, that staff are supported and, in conjunction with the Ward 6 and 7 Councillors, to get the funding/corporate finance piece in place.

Ms. Graham stated that there is a placeholder holder in the 2023 budget for the landscape component of the park. However; nothing is confirmed until/unless approved by City Council.

The funding for the project comes from a combination of three sources: the City’s Capital Levy (taxation money), Development Charges (the fees for new developments paid by developers and distributed to parks across the City) and area rating (Councillor’s specific Ward money to make up any potential gaps).

Item 5

Rom D’Angelo, Director, Energy, Fleet and Facilities Management, introduced himself to the Task Force and explained that his department is a partner in the park redevelopment project. They have committed to building a new field house (washroom building) based on the needs of the park and with the input from the Task Force.
Mr. D’Angelo introduced Janet Warner who is the Acting Manager of Strategic Planning and Capital Compliance. Ms. Warner explained that the washroom building will be maintained in the same location that it currently is. The direction of the doors/access/canopy may be altered however; as part of their security review. The estimated cost of replacing the structure is between $500,000-$800,000. She noted that the new building will include a universal washroom. Demolition and replacement will most likely take place in 2022.

Item 6
Task Force members used this time to make comments and suggestions as well as ask questions of staff. Issues and themes raised included, but were not limited to:

- better lighting is required; concerns that lighting needs to be improved now and not wait for 2 years until the project is constructed

- don’t eliminate the canopy on the washroom building; it’s important for shade (for children and seniors)

- a request to add a few parking spaces (off of East 43rd Street) was made; but concerns were also expressed that people do not want to lose green space to parking

- keep winter activities in mind; splash pad in summer and skating in winter (Councillor Jackson noted that the Recreation Department has a program whereby volunteer groups can offer and then enter into an agreement with the City for the volunteers to make a rink)

- desire for a leash-free park; try to get some financial support from pet supply companies and veterinarians

- we need to encourage children to use parks again; ideas such as: a horseshoe pit, mini skateboarding park, a sports wall, disc golf, a butterfly garden, bird perches, a performers gazebo, and a video screen in the field house for movie nights were some suggestions
-a request was made to fill in the gulley between East 43rd Street and Upper Gage (staff will be conducting a geo-technical analysis of the soil to ensure that it isn’t for stormwater purposes before this is considered however)

-need to keep in mind the changes/plans are being considered for Eastmount Park and the impact this may have on Mountain Drive Park

-the fence at far east end of the park is in bad repair; a lot of people crawl up the hill and come over it; there is graffiti on some parts of the fence as well; consensus was that fencing in general needs to be addressed

-don’t lose sight of the green space when developing ideas for other activities in the park

-there needs to be more benches; offer people to donate money for a bench in memory of a loved one

-add a water fountain that has a dog bowl and is accessible as well as outdoor gym/fitness stations

-add picnic tables, a small soccer field, a few basketball nets

-some parts of trail get narrow; perhaps widening needs to be looked at

-better accessibility/connections are needed; particularly at East 43rd for those with strollers, bikes and mobility needs

-don’t go too heavy on the recreation component; less invasive recreation ideas are more suitable

-overall consensus and desire to protect the mature trees and ensure that they are not cut down. Suggestion to plant new trees in the east end of the park

-request to enhance the historical signage and have binocular viewing stations (Councillor Jackson noted that during the last term of Council, a greater number of vista views along the escarpment (where appropriate) were approved)
Item 7
The Task Force decided that the selection of a Chair and Vice Chair would take place at the next meeting. Councillor Pauls and Councillor Jackson will develop a brief guideline as to what the roles involve. Members are then asked to put forward their name if they are interested in either of these positions.

It was noted that Ed Valtenberg offered (verbally) to serve as chair and that Micheline Rancourt (via WebEx chat) noted her desire to be the vice chair. A suggestion was made to think about having gender equity in the two chair positions.

J-P Oddi noted that he may also be interested in serving, but that more information is required on the time commitment and tasks and that it may be prudent to give everyone time to absorb the information.

Item 8
The Task Force agreed to hold their next virtual meeting on Wednesday March 10th from 6 to 8 p.m.

Meetings will then be held on a monthly basis on the second Wednesday of each month from 6 to 8 p.m. until June.

Louise Thomassin will prepare a debrief ahead of the meetings to present to the task force and keep them apprised of project updates.

The meeting was adjourned at 7:52 p.m.
The following are comments received by the task force members and is not a verbatim transcription. The comments have been categorized into themes and are not necessarily shown in the order asked. Responses to the comments and questions are provided.

<table>
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<tr>
<th>ITEM</th>
<th>COMMENTS/ QUESTIONS BY THEME</th>
<th>RESPONSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td><strong>Trees and Parking</strong></td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>Uses the park daily and doesn’t want to lose sight of the big mature trees and their beauty.</td>
<td>Noted.</td>
</tr>
<tr>
<td>1.2</td>
<td>Some of the small trees on Concession Street are dead and need to be replaced.</td>
<td>Comment sent to the Forestry General line. For future reference, if a resident has any inquiries or concerns about public trees, comments can be sent to: <a href="mailto:forestry@hamilton.ca">forestry@hamilton.ca</a></td>
</tr>
<tr>
<td>1.3</td>
<td>Potential for parking area off entrance off 43rd to attract more people to the park.</td>
<td>As part of the masterplan a review of parking locations and numbers will be conducted.</td>
</tr>
<tr>
<td>1.4</td>
<td>Has lived in the area for 22 years and has never driven or gone to the park in a car.</td>
<td>The masterplan will include a survey to inquire how residents currently use the park. A question that is typically asked is how residents access the park (i.e. walking, biking, driving, bus etc).</td>
</tr>
<tr>
<td>1.5</td>
<td>Wants the trees to stay and doesn’t want to lose green space for parking. Agreement from several members on this point.</td>
<td>See response to item 1.3.</td>
</tr>
<tr>
<td>1.6</td>
<td>Wants to keep the green space and trees and wants to add trees along the west end of the trail because it is lacking right now.</td>
<td>Noted. The masterplan will review existing trees and opportunities for new tree planting.</td>
</tr>
<tr>
<td>2.0</td>
<td><strong>Trail and Trail Connections</strong></td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td>Do the Wentworth stairs connect to Mountain Drive Park?</td>
<td>The Mountainbrow Trail system does connect the Wentworth stairs to Mountain Drive Park. For details about the Mountainbrow trail masterplan, see <a href="https://www.hamilton.ca/parks-recreation/creating-new-parks/mountain-brow-multi-use-pathway-feasibility-study">https://www.hamilton.ca/parks-recreation/creating-new-parks/mountain-brow-multi-use-pathway-feasibility-study</a>.</td>
</tr>
<tr>
<td>2.2</td>
<td>Will there be a connection from Mountain Drive Park</td>
<td>Within the Recreational Trails</td>
</tr>
<tr>
<td>ITEM</td>
<td>COMMENTS/ QUESTIONS BY THEME</td>
<td>RESPONSE</td>
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<tr>
<td>2.3</td>
<td>The path really narrows near Ben Lomond Place. Can the path be widened? The pathway width really varies between the parkette and the main park.</td>
<td>We will review the trail width as part of the masterplan. That trail section forms part of the Mountainbrow Trail system which recommends a width of 3m.</td>
</tr>
<tr>
<td>2.4</td>
<td>Bikes and walks a lot and wants better accessibility and connections between Mountainbrow Drive and the trail and between Concession Street and the trail. At east 43rd street there is a connection missing between the street to the trail. There is a curb cut but no connection to the path. Need to review the curbs cuts across the entire length of trail because right now the trail is not accessible.</td>
<td>We will review the circulation patterns and desire lines for pathways as part of the masterplan process, including curb cuts.</td>
</tr>
<tr>
<td>3.0</td>
<td>Lighting</td>
<td></td>
</tr>
<tr>
<td>3.1</td>
<td>Concerned regarding lack of lights, especially in winter when in gets darker earlier. Request for lighting especially along the back trail near the escarpment.</td>
<td>We will review lighting as part of the masterplan process. Note that the Mountainbrow Trail masterplan recommended solar lighting along the pathway where lighting is inadequate and we where the trail within the park forms part of that masterplan, this would be the recommendation. Link to masterplan report provided in item 2.1.</td>
</tr>
<tr>
<td>3.2</td>
<td>Is concerned about lighting especially along the back pathway and concerned that we'd have to wait until 2023 to get the lighting. Is concerned that lighting is a safety issue in the park.</td>
<td>See response to item 3.1</td>
</tr>
<tr>
<td>3.3</td>
<td>Like the solar lights used along the existing portion of Mountainbrow as they are both beautiful and efficient.</td>
<td>See response to item 3.1</td>
</tr>
<tr>
<td>4.0</td>
<td>Balance of Maintaining Beauty and New Amenity Requests</td>
<td>General themes for request include upgraded playground equipment, washroom building upgrades, requests for spray pad, additional lighting and security along the trail, leash free area for dogs, opportunity for more benches, picnic tables. No suggestions received for sports fields or overly organized activities. General desire is to keep the</td>
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</tr>
<tr>
<td>4.2</td>
<td>Desire to maintain the simplicity of the park.</td>
<td>park passive.</td>
</tr>
<tr>
<td>4.3</td>
<td>Wants to see more done to encourage people to get out to the park, such as seniors and kids. Noticed that less kids are using the park than when they grew up. Wants to encourage community gathering. List of ideas include: horse shoe pit, mini skate park for kids, sports walls for hitting a ball against, disc golf, butterfly garden, birds’ nests or perches, gazebo for performers (to paly violin or guitar), video screen built into field house for a movie night.</td>
<td>Noted. As part of the masterplan we will conduct surveys to gather information on demographics of users, what is liked about the part and suggestions for new uses to be considered.</td>
</tr>
<tr>
<td>4.4</td>
<td>Wants to keep the greenspace and not take away for parking. Wants to also point out that Eastmount park can host some of the desired amenities and that all the suggested amenities don’t need to go into Mountain Drive Park. Suggested the potential for a farmer’s market but noted that parking is an issue (i.e. not enough, but then not wanting to take greenspace away to add parking).</td>
<td>See response to item 1.3.</td>
</tr>
<tr>
<td>4.5</td>
<td>Will the masterplan extend to upper Ottawa street? What are the limits?</td>
<td>The masterplan will not extent to Upper Ottawa Street. The masterplan will include the trail along Mountain Park Avenue from Upper Sherman to Concession and the main park area that ends just east of East 43rd Street.</td>
</tr>
<tr>
<td>4.6</td>
<td>Wants to see more benches and noted that people would be happy to sponsor a commemorative bench.</td>
<td>There is an existing memorial program that includes benches, see <a href="https://www.hamilton.ca/hamilton-municipal-cemeteries/memorialization-options/">https://www.hamilton.ca/hamilton-municipal-cemeteries/memorialization-options/</a>. We can review the number and distribution of existing and new benches during the masterplan and can coordinate location of benches with the memorial bench program.</td>
</tr>
<tr>
<td>4.7</td>
<td>Would like to have a sprinkler system for young kids and the elderly, a water fountain for pets and one that is accessible, outdoor gym station for pull up bars and sit ups and options to scan a QR code with your phone so that it pulls up exercises. Doesn’t feel scared in the park and has used it all times of the day but had a big dog and felt safe. Well used by friends, family and neighbours.</td>
<td>Noted, we can review the amenities as part of the masterplan.</td>
</tr>
<tr>
<td>4.8</td>
<td>Suggests more benches and picnic tables, a mini soccer field and a basketball net. Suggests sponsor or memorial benches.</td>
<td>Noted. See response to items 4.6 and 4.7.</td>
</tr>
<tr>
<td>4.9</td>
<td>Doesn’t want heavy recreational stuff but is supportive of less invasive things like horse shoes and a spray</td>
<td>Noted.</td>
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<td>4.10</td>
<td>Badminton court?</td>
<td>Noted.</td>
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<td><strong>5.0</strong> Shade</td>
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<tr>
<td>5.1</td>
<td>Desire to keep a canopy near the playground or areas where there is no shade provided by trees. A lot of seniors take shelter under the washroom building canopy as there is no other shade in that area.</td>
<td>Noted. We can review the shade options as part of the masterplan and with facilities. There is opportunity to keep the overhang off the building and explore the idea of a separate shade structure.</td>
</tr>
<tr>
<td>5.2</td>
<td>Like the canopy but wants to be able to see through the building more. Noted potential for having two smaller washrooms to allow for more visibility from street to behind the building.</td>
<td>See response to item 5.1. We will review sightlines against Crime Prevention Through Environmental Design (CPTED) principles.</td>
</tr>
<tr>
<td><strong>6.0</strong> Winter</td>
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<tr>
<td>6.1</td>
<td>Desire to look at winter activities just as much as we look at summer activities. Parks normally get a lot of summer activities but want to look at winter activities in the same kind of light. Example of Bernie Morelli and the splash pad being a skating rink in winter.</td>
<td>Note that there is an existing program for community rinks that are run by volunteers, information is available here: <a href="https://www.hamilton.ca/winter-activities-in-hamilton">https://www.hamilton.ca/winter-activities-in-hamilton</a>. If a rink is desired, provision for access to water from the building to flood the rink can be explored. A dual-purpose skating pad and spray pad is different than a community run flooded rink in that it requires a facility to house a large mechanical system including provision for Zamboni storage that goes beyond our standard washroom building, provision for parking and enough open space to support a larger spray pad/ skating rink. Typically, these amenities are reserved for community or city-wide parks that have parking lots, access to change rooms/ washroom buildings and capacity for a larger mechanical system, including housing for a Zamboni. A new winter wonderland park is being explored in Ward 8 adjacent to William Connell Park. More information to come.</td>
</tr>
<tr>
<td>6.2</td>
<td>Volunteers at the Eastmount Park ice at East 22nd Street and supports multi-use function of the park. Wants to use it year-round. Suggested the idea of a skate distribution from the building like the City of Toronto does. Outdoor skating was well used.</td>
<td>See response to item 6.1</td>
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<tr>
<td>6.3</td>
<td>There has in the past been a volunteer ice rink in the park. Is it too early in the process or is there a consideration for a Bernie Morelli type splash pad/drink at the park?</td>
<td>See response to item 6.1</td>
</tr>
<tr>
<td>7.0</td>
<td>Dogs</td>
<td>Noted. The City has an existing Leash Free Policy and like the community rinks requires volunteer engagement. Note that the City’s policy distinguishes between leash free areas and dog parks. Generally, leash free areas are not fenced, and dog parks are fenced. The policy also includes sizing requirements, etc. This can be explored as part of the Masterplan plan process. Policy and information available here (scroll down to the bottom of the webpage and expand the last header for access to the policy): <a href="https://www.hamilton.ca/animals-pets/dogs/dog-parks">https://www.hamilton.ca/animals-pets/dogs/dog-parks</a></td>
</tr>
<tr>
<td>7.1</td>
<td>Represents the dog walking community and uses the park 3-5 times daily. Tremendous support for off leash area particularly from seniors in the area as seniors are not as mobile and this allows them the opportunity to sit while their dogs gets exercise. If off leash area is on the table there might be opportunity for sponsorship.</td>
<td></td>
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<tr>
<td>7.2</td>
<td>Support a dog park even though doesn’t own a dog.</td>
<td>See response to item 7.1.</td>
</tr>
<tr>
<td>7.3</td>
<td>Dog park brings a lot of people to the area and they will spend money in the concession street area perhaps.</td>
<td>See response to item 7.1.</td>
</tr>
<tr>
<td>7.4</td>
<td>Add exercise stations near the dog park for owners.</td>
<td>See response to item 7.1.</td>
</tr>
<tr>
<td>8.0</td>
<td>Gully</td>
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<tr>
<td>8.1</td>
<td>Fill in the gully that runs between 43rd and upper gage.</td>
<td>See response to item 8.2.</td>
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<tr>
<td>8.2</td>
<td>Concerned about the gullies getting deeper in the park. Will the Geotech look at this? Mentioned that part of how the trucking route go banned was the concern of the truck vibrations causing issues displacing the shale.</td>
<td>As part of the masterplan we will do a geotechnical study and conduct a stormwater drainage review. These gullies may form part of the site’s drainage and we will need to explore how to redirect that water before filling it in.</td>
</tr>
<tr>
<td>9.0</td>
<td>Funding</td>
<td>The funding has been secured for the masterplan process. The funding has not yet been secured for the construction of the park based on the masterplan process, but the masterplan will inform the funding requirements and timing of implementation of certain features.</td>
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<tr>
<td>9.1</td>
<td>Concerns about funding and items being removed from the plans.</td>
<td></td>
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<td>10.0</td>
<td>Fencing</td>
<td>The fencing will be reviewed as part of the masterplan process. Note that the</td>
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<td>the far east corner of the park.</td>
<td>Mountainbrow masterplan has fencing standards (black aluminum fencing) that are recommended for implementation along any redeveloped mountain brow trail sections.</td>
</tr>
<tr>
<td>10.2</td>
<td>Concerned about the fencing because it’s falling apart and full of graffiti. It looks shameful and wants to see new fencing.</td>
<td>See response to items 10.1.</td>
</tr>
</tbody>
</table>

**11.0 Niagara Escarpment Commission (NEC)**

| 11.2 | Noted that the Niagara escarpment natural area took up a large percentage of the park and that may restrict a lot of the ideas and where they can go. Does that also mean that lighting cannot be added to the escarpment natural area? | The percentage of Natural Area makes up approximately 25% of the park, note that some of this area is escarpment land. Permitted uses within this area include non-motorized trails, benches, picnic tables and certain heights of fences and walls. The Niagara Escarpment Commission will review and consider the inclusion of lighting within the Natural Area and the City will engage the NEC through the masterplan process. There is still opportunity in the remaining parkland area to have park amenities. |

**12.0 History and Views**

| 12.1 | Love the historical plaque and would want to consider expanding upon the history of John William Kerr. Want to also have binocular stations at the lookouts to the terrific views and tie into the history of John William Kerr. | Noted. This can be considered as part of the masterplan process and Cultural Heritage Staff at the City can be engaged. |

Next meeting: **Wednesday March 10th, 2021 from 6:00-8:00pm**

This report is a summary of discussions and observations, not a verbatim transcription. Please contact the Project Manager within two (2) days of receipt of this document if you wish to make any changes to the record.
Minutes of Mountain Drive Park Redevelopment
Task Force Virtual Meeting
March 10th, 2021
(Recorded by Lauri Leduc, Acting Assistant to Councillor Tom Jackson)

Item 1
The meeting was called to order at 6:04 p.m. by Chair Sara Mostacci Carnegie and everyone was welcomed to the meeting. Councillor Jackson passed on his congratulations to Ms. Mostacci Carnegie and Ms. Micheline Rancourt upon becoming the Chair and Vice Chair of the Task Force. He also thanked Ed Valtenbergs and Danusia Szpak for putting their names forward to serve as Chair.

Item 2
The Chair asked Task Force members if there was any discussion on the minutes of the January 10, 2021 meeting. No errors or omissions were brought forward. The minutes were adopted, as presented.

Item 3
Louise Thomassin, Landscape Architect and Project Manager for the Redevelopment of Mountain Drive Park (MDP), provided the Task Force with an update on the public engagement process thus far as well as information for next steps in the engagement process.

With the aid of a PowerPoint presentation, Ms. Thomassin discussed the following information:

**Overview of Staff Presentation from January 20, 2021**
- Purpose and components of a masterplan
- Site Boundary for this study
- Existing park features and areas
- Policies and Plans that will impact development
- Project timeline and next steps
Where we are now

- Inventory and Analysis including studies (geotechnical, Crime Prevention through Environmental Design (CPTED) Audit (February to April 2021)
  - a list of all existing conditions
  - a judgement of the existing conditions and action items to occur to achieve the park’s vision
- Consult with Internal Staff (Park Operations, Forestry and Horticulture, Cultural and Natural Heritage, etc.)
- Consult with External Stakeholders (CPTED, Niagara Escarpment Commission, Alectra Utilities, Concession Street BIA)
- Engage Consultants: Landscape Architect (Prime), Structural Engineer, Geotechnical Engineer
- Launch Public Engagement (Task Force, Engage Hamilton Platform)
  - Various Social Media Platforms
  - engage.hamilton.ca/mountaintdrivepark
  - hamilton.ca/parks-recreation/improving-our-parks/mountain-drive-park
  - Poster on-site
  - Task Force
  - Mail Drop (to approximately 7000 households)
- Public Engagement
  - Who, what, when, where of the project
  - Project Timelines, City contact, masterplan process, site boundary
  - Surveys and Polls
- Next Steps: Establish Project Vision, Priorities, Criteria for Success and Development Options (April to June 2021)
Item 4
The Vice Chair reported that she has created a centralized e-mail address where Task Force members can send their ideas and share their comments. Once a week, she will send an e-mail to the group giving a summary of the comments that we received. This was done so that ideas are more easily and fully captured as well as to keep things streamlined.

Item 5
Comments and questions were already covered under Item 3 and a detailed, written response to them can be found in the attached document prepared by Ms. Thomassin.

Items 6 and 7
It was determined that the best time to hold the next Task Force meeting was after the public engagement survey closes on March 23rd, 2021. Ms. Thomassin will compile the results of the survey and present them to the Task Force.

The next virtual meeting will take place on April 14th, 2021 from 6 to 8 p.m. A meeting invitation will be forthcoming. The plan for future meetings is to hold them once a month until around June 2021 and then determine other meeting dates as the project unfolds.

Item 8
There being no further business, the meeting was adjourned at 7:48 p.m.
The following are comments provided by the task force members and is not a verbatim transcription. The comments are not necessarily shown in the order asked. Responses to the comments and questions are provided.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>COMMENTS/ QUESTIONS</th>
<th>RESPONSE</th>
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<tbody>
<tr>
<td>1.1</td>
<td>Review opportunities for inclusive playground design like Harper's Playground in Portland, Oregon. Requested that we review playground examples that exist in Hamilton and in neighbouring municipalities.</td>
<td>Noted. New playgrounds installed meet current accessibility standards to ensure that we are providing inclusive play environments. We will review the playground design in more detail and provide options to review with the Task Force and broader community after the amenities for the park are selected as part of the masterplan process. Councillor Paus provided Inch park as an example where a new inclusive playground is being installed, including a swing that can accommodate a wheel chair. The playground at Cootes Paradise School and Burloak Park were more examples provided by Task Force members.</td>
</tr>
<tr>
<td>1.2</td>
<td>Why are we replacing the trail that was redone recently?</td>
<td>The trail that runs along the north edge of the park was redone in 2006. There is opportunity to review its current conditions, widen it per the Mountainbrow trail Masterplan and include additional amenities along the trail. Trails that experience higher volumes may warrant wider trails than the 3m wide standard. Bayfront park is an example of this and is approximately 6m wide.</td>
</tr>
<tr>
<td>1.3</td>
<td>Can we use the NextDoor Community Tool or have similar features?</td>
<td>The City uses the Engage Hamilton platform to engage with all ward residents as it is a useful tool to post all city updates that residents can become familiar with. To engage with the community immediately surrounding the park, the City undertakes a mail drop in the neighbourhoods within 800m of the park.</td>
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<td>There is opportunity to add more commenting tools on the Engage Hamilton Platform and for residents on the NextDoor Community App to share the Engage Hamilton platform link.</td>
</tr>
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<td>1.4</td>
<td>Can we add another poster at the park near the playground?</td>
<td>There is opportunity to add a second poster at the park and we can explore this for the next survey.</td>
</tr>
<tr>
<td>1.5</td>
<td>Will there be accessible parking?</td>
<td>Per the Accessibility for Ontarians with Disabilities Act there are standards for the provision of accessible parking based on the number of parking stalls. We will follow the standard to ensure that the required number of accessible parking spaces are provided.</td>
</tr>
<tr>
<td>1.6</td>
<td>Will we be referencing the cycling masterplan?</td>
<td>Yes, we will be coordinating with the Transportation Masterplan which the cycling masterplan forms part of and coordinating with the City's Active Transportation Section. For example, we did receive requests for drop curbs at specific intersections to ensure that cyclists using the on-road facility can be access the park.</td>
</tr>
<tr>
<td>1.7</td>
<td>Can the washroom doors face the playground?</td>
<td>We will review the location of the bathroom doors in relation to the playground to allow visibility for parents / children using the washroom and to ensure that the doors are still visible from the street per the Crime Prevention through Environmental Design Audit recommendation completed with Hamilton Police.</td>
</tr>
<tr>
<td>1.8</td>
<td>How will outreach to non-tech savvy residents be completed?</td>
<td>A mail drop of over 7,000 letters to residents living in neighbourhoods adjacent to the park was performed to inform residents of the masterplan process with key dates and a 24’ x 36’ poster is affixed on-site. The mail drop and poster include a telephone number to reach the City's project manager should a resident have comments or suggestions and does not wish to use the online tools.</td>
</tr>
<tr>
<td>1.9</td>
<td>Do we have any data on which wards park users live in?</td>
<td>We do not have current data on which wards current park users reside in, but we will be collected ward information as part of the online survey.</td>
</tr>
<tr>
<td>2.0</td>
<td>Can there be community gardens?</td>
<td>Community gardens were listed on the survey as an option to consider and will be reviewed when the survey results are received against competing priorities. Please note that community gardens require a minimum number of resident volunteers to run them. More information can be found at: <a href="https://www.hamilton.ca/parks-recreation/community-environmental-initiatives/community-gardens">https://www.hamilton.ca/parks-recreation/community-environmental-initiatives/community-gardens</a>.</td>
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<td>Please note that the Eastmount Park Neighbourhood is currently planning a community garden that could potentially accommodate users.</td>
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<td>2.1</td>
<td>Pedestrianize Mountain Park Avenue from Upper Sherman to Concession Street.</td>
<td>This will need to be reviewed with Transportation Planning and Engineering and other City staff. An overview and analysis of egresses/ingresses to adjacent buildings, access for maintenance and existing sewer works etc. will need to be performed.</td>
</tr>
<tr>
<td>2.2</td>
<td>Can there be a water bottle filling station?</td>
<td>The City’s new standard is to install drinking fountains that include a water bottle filling station and a pet bowl.</td>
</tr>
<tr>
<td>2.3</td>
<td>Can there be a stair connection from Mountain Drive Park down to the lower city?</td>
<td>Within the Recreational Trails Masterplan, a link is proposed from the Rail trail to the lower City. Part of this masterplan can investigate a link from the rail trail to Mountain Drive Park to complete the connection between the lower and upper mountain. The Recreational Trail Masterplan is available at <a href="https://www.hamilton.ca/city-planning/master-plans-class-eas/recreational-trails-master-plan">https://www.hamilton.ca/city-planning/master-plans-class-eas/recreational-trails-master-plan</a>.</td>
</tr>
<tr>
<td>2.4</td>
<td>Is there a custodian assigned to this park?</td>
<td>There isn’t a custodian assigned only to this park, but that will be reviewed again after the masterplan process is complete by Park operations to determine if assigning a custodian to the park will be necessary.</td>
</tr>
<tr>
<td>2.5</td>
<td>Can we bring the incline railway back?</td>
<td>This would be an initiative that would need to be reviewed as part of a larger city-wide tourism strategy as the upfront costs of installing an incline railway and the on-going maintenance and operations cost would need to be reviewed against potential revenue. The location would also need to be reviewed as part of a broader city-wide strategy particularly because an incline railway did not historically exist at this location.</td>
</tr>
<tr>
<td>2.6</td>
<td>Is there opportunity to attract more cyclists and potentially install a SoBi system?</td>
<td>As the Mountainbrow Trail and the cycling masterplan initiatives continue to be implemented there will be more opportunities for cyclist to enjoy the City and its trails. SoBi was contacted when the Mountainbrow Trail Masterplan was completed to determine if there would be opportunity to expand the system to the Mountain. The City was informed that there was insufficient revenue and usership to support the extension of the program to the Mountain at this time.</td>
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<td>2.7</td>
<td>Can other sections of the Mountainbrow</td>
<td>The detailed design and construction of the</td>
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<td>Trail adjacent to Mountain Drive park be upgraded?</td>
<td>section of the Mountainbrow Trail from Upper Sherman to Upper Wentworth that lies west of the park is being undertaken by Engineering Services as the area requires watermain works. That project will include trail upgrades and is being planned for 2022 construction.</td>
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<td>The detailed design and construction of the section of Mountainbrow Trail from Upper Gage to Oakcrest that lies east of the park is being undertaken by Engineering Services as the area requires road, sewer and watermain works. That project will include trail upgrades and is being planned for 2022 construction.</td>
</tr>
<tr>
<td>2.8</td>
<td>Can there be binocular viewing stations to tie into the history of the park, along with benches placed near the lookouts?</td>
<td>This item has been noted for consideration along with expanding the commemorative / historical plaque story. The provision of benches is noted.</td>
</tr>
<tr>
<td>2.9</td>
<td>Will the shade structure be completely removed?</td>
<td>Clarification was provided that the sun shelter wouldn’t be completely removed from the park, but that the Crime Prevention through Environmental Design Audit suggested that the sun shelter be separated from the washroom building structure in the future to improve sightlines and surveillance.</td>
</tr>
<tr>
<td>3.0</td>
<td>Was there a condition assessment completed of existing trees? Can this be shared?</td>
<td>Forestry does have an inventory of the trees for the City’s park system and has completed one within the last 10 years for Mountain Drive park. We inquire with Forestry if they have the assessment in a shareable format as they use a specific software to manage and retain the data.</td>
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<td>As part of the detailed design, Landscape Architectural Services (LAS) will also undertake a vegetation assessment to ensure that we have a recent representation and understanding of the trees on site.</td>
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<tr>
<td>3.1</td>
<td>Can larger trees be planted? Can evergreen trees be planted?</td>
<td>As part of park redevelopment or new park developments, LAS will source new trees from tree nurseries and select the largest available stock which is typically 70mm caliper depending on the species.</td>
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<td>It is difficult and costly to find trees that are larger than this and the survival rate is poor since a large portion of the trees’ root system is lost during the spading process and larger trees have more difficulty adapting to the different microclimate.</td>
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<tr>
<td>3.2</td>
<td>Can there be an observation platform built on top of the washroom building?</td>
<td>The City installs a specific style of washroom buildings City-wide to ensure an equitable distribution of amenities for all Hamiltonians, to ensure ease of maintenance and assurance that the materials specified are robust and vandal resistant. The washroom building will remain generally in its current location and a view to the escarpment and lower city may be difficult to achieve. The existing views to the lower City from Mountain Park Avenue are clear and well-used and the addition may be a duplication of resources.</td>
</tr>
<tr>
<td>3.3</td>
<td>Does the City account for liability and safety?</td>
<td>The City follows all current standards, regulations and guidelines such as the Accessibility for Ontario’s with Disabilities Act (built environment), the Ontario Building Code, the Ontario Traffic Manual, Canadian Standards Association, etc.</td>
</tr>
<tr>
<td>3.4</td>
<td>Can there be consideration for exercise equipment for the elderly?</td>
<td>Consideration for exercise equipment that can be used by the general public and the elderly can be considered and was included as part of the survey questionnaire.</td>
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Next meeting: **Wednesday April 14th, 2021 from 6:00-8:00pm**

This report is a summary of discussions and is not a verbatim transcription. Please contact the Project Manager within two (2) days of receipt of this document if you wish to make any changes to the record.
Minutes of Mountain Drive Park Redevelopment
Task Force Virtual Meeting

April 14th, 2021

(Recorded by Micheline Rancourt, Vice-Chair for Mountain Drive Park Redevelopment Task Force)

Item 1
The meeting was called to order at 6:02 p.m. by Chair Sara Mostacci Carnegie and everyone was welcomed to the meeting. Housekeeping rules were presented by Sara Mostacci.

Item 2
The Chair asked Task Force members if there was any discussion on the minutes of the March 10th, 2021 meeting. Danusia Szpak mentioned her name being misspelled and Councilor Jackson mentioned Vice-Chair Micheline Rancourt's last name had been omitted. The minutes were updated.

Item 3
Louise Thomassin, Landscape Architect and Project Manager for the Redevelopment of Mountain Drive Park (MDP), provided the Task Force with clarification of frequently asked questions and a detailed summary of the community engagement survey.

With the aid of a PowerPoint presentation, Ms. Thomassin discussed the following information:

Recap of Previous Meeting
- The boundary for the Masterplan runs from Sherman to East 42rd St.
- Where we are now: Inventory and Analysis
- Consultation with internal staff and external stakeholders
- Public engagement strategy: part one
- Next Steps
Clarification of FAQ’s

- Can we include the trail from Mountain Drive Park to Ottawa Street as part of this masterplan? Can we include the trail section from the western tip to the Wentworth Stairs? These two trail sections are already accounted for in a previous masterplan from 2018. These areas are targeted to undergo road construction to widen paths and improve lighting in 2022.

Engagement Summary

- Launch of Engage Hamilton Platform March 2\textsuperscript{nd} 2021
- Launch of survey (open March 2\textsuperscript{nd} 2021-closed March 23\textsuperscript{rd} 2021)
- Installation of site poster and launch of mail drop (7000 residents) on March 3\textsuperscript{rd} – 8\textsuperscript{th} 2021
- Engagement Results
  - 86% of residents live in Ward 6 or 7
  - 342 residents completed the survey
  - 76% visit the park at least a few times a month
  - 63% walk to the park
  - 68% of survey respondents supported the removal of 1 or more lay-by parking areas while 32% did not support the removal of any parking areas
  - The top three elements most valued about the park are the trail system (#1), the views (#2), and the mature trees (#3)
  - The amenities survey respondents MOST wanted to see improved and / or added are:
    #1. Trail system improvements
    #2. Protection of mature trees and tree planting
    #3. Lighting
    #4. Trail connection to lower city
    #5. Spray pad and washroom building
The amenities survey respondents LEAST wanted to see improved and / or added are:
#1. Fenced in dog area
#2. Half court or full court (basketball, ball hockey)
#3. Fitness stations
#4. Historical plaques
#5. Floral display

Vision Statement

- **Protect the natural beauty and passive feel of the park through conservation, while enhancing access and opportunities for inclusive recreation and play.**
  - Protect the passive feel of the park, mature trees and viewsheds to provide a place of respite for the community.
  - Enhance trail connectivity and accessibility within the park and to the broader community and ensure people come first to create a place for all to safely enjoy.
  - Introduce one or two active elements that are inclusive, and respect and pay homage to the natural beauty of the park and be mindful of potential impacts to the natural environment and people.

**Improve**
- Trail system and connections i.e. lookouts with binoculars, trail widening and pedestrianizing Mountain Park Ave., loop path, potential lay-by parking re-organization etc.
- Biodiversity, tree planting and groupings
- Playground accessibility, challenge and inclusivity
- Sun shelter
- Washroom building
- Other: enhance park identity using history

**Add**
- Lighting, with trail being priority
- Spray pad
- Trail connection to lower City, including review with approval agencies (i.e. Niagara Escarpment Commission, etc.)
**Next Steps**

- **Establish Project Vision, Priorities, Criteria for Success and Development Options April 2021 - June 2021**
  - Discuss development priorities with approval agencies
  - Develop two to three development options (i.e. how will the priorities be laid out on the site and the relationship between each)
  - Start exploring what the priority items will include, i.e. materials, components, etc.
- Public engagement, part two

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**Item 4**
Sara and Micheline discussed a poll to be sent out via email to taskforce members to focus on the detailed improvements and additions that the initial survey has identified as priorities. Micheline provided a detailed specific example of a narrow part of the trail that she would like to see widened for safety.

**Item 5**
Comments and Questions can be found in the detailed attached document provided by Louise Thomasson.

**Item 6**
Sara reiterated the earlier statement about the email survey that will be sent out to task force members. Micheline reminded the team to check their spam folders and add the group mailing address to their safe sender list as some members had not received the zoom link for the meeting. Councilor Pauls commented that she likes the enthusiasm and engagement of the taskforce and is really looking forward to the future of this great park.

**Item 7**
The next meeting was set for July 14th 2021 from 6pm to 8pm. This meeting will be recorded for absent task force members.
There being no further business, the meeting was adjourned at 7:54 p.m.
**Meeting Location:** Web-Ex Virtual Meeting  
**Time:** 6:00 – 8:00 pm  
**Project Title:** Mountain Drive Park Masterplan  
**Date:** April 14, 2021  
**Purpose:** Overview of updates, including survey results, vision statement and next steps  
**Date Prepared:** April 22, 2021

The following are comments and questions by the task force members and is not a verbatim transcription. The comments and questions are not necessarily shown in the order asked. Responses to the comments and questions are provided.

<table>
<thead>
<tr>
<th>ITEM</th>
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<tbody>
<tr>
<td>1.1</td>
<td>Perhaps Eastmount would be a more ideal location for a future fenced in dog area. Noted that this came up in an Eastmount Meeting.</td>
<td>Noted. Based on the survey results and according to research and best practices, Mountain Drive Park is not an appropriate location for a fenced in dog area.</td>
</tr>
<tr>
<td>1.2</td>
<td>Were there any demographic type questions in the survey? If there was did the demographics of respondents correspond to the demographic of the two wards?</td>
<td>Yes, question #2 was a demographic question. It is difficult to make a direct comparison of the district population forecasts we have on file as the age range between the survey and the forecast is different, with the survey being more detailed. Generally, the patterns were similar, however we received less input from residents under the age of 19 compared to the demographic representation.</td>
</tr>
<tr>
<td>1.3</td>
<td>Is there consideration for a delineated bike lane on the trail and separate pedestrian lanes?</td>
<td>There will be consideration for providing a trail width that will accommodate multiple users, like the existing trails at Bayfront and east of Kenilworth. Trail etiquette signage will also be posted like the signage along the multi-use path east of Kenilworth. Note that Mountain Park Avenue is a signed on-road bicycle route for non-recreational cyclists. Comment provided by another task force member: all trail users are supposed to keep to the right. Cyclists are supposed to ring their bell well in advance of approaching others. It’s written in all trail pamphlets.</td>
</tr>
<tr>
<td>1.4</td>
<td>Internet may have been a barrier to older people participating in the online surveys.</td>
<td>Within the mail drop sent to over 7,000 residents living within the vicinity of the park, a call-in number was provided for anyone to provide comments directly to the Project Manager, if desired.</td>
</tr>
<tr>
<td>1.5</td>
<td>Can you explain in more detail what enhancing the trail entails?</td>
<td>Trail enhancements include fencing, lighting, benches and rest areas, waste bins, a drinking fountain, trail etiquette signage, pathway widening and tree planting. Example image below (note: lighting, fencing, drinking fountain, benches, waste bin, widened trail etc.):</td>
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<td>1.6</td>
<td>Why not just replicate the new walkway as the same as east from the Kenilworth access?</td>
<td>The trail east of Kenilworth will be used as the guiding template, see image provided in response to item 1.5.</td>
</tr>
<tr>
<td>1.7</td>
<td>Is fencing under consideration? The new fencing on the renovated section of mountain drive years ago looks great.</td>
<td>See response to item 1.5.</td>
</tr>
<tr>
<td>1.8</td>
<td>Need more waste bins.</td>
<td>See response to item 1.5. In addition to along the trails, waste bins near high activity areas, such as the playground and spray pad will be added. Note: Maintenance vehicle trucks require pathways to access waste bins.</td>
</tr>
<tr>
<td>1.9</td>
<td>Could places to recharge phones also be considered?</td>
<td>We have provided cell phone charging stations under a pavilion at a park in downtown Hamilton and this is a possibility that can be considered.</td>
</tr>
<tr>
<td>2.0</td>
<td>Living wall on the washroom building versus blank canvas that can be a living wall for graffiti</td>
<td>A living wall with plants and foliage have been explored in the past in Hamilton, however Horticulture has indicated that they are difficult to maintain and operate and have had little success. Facilities also noted that these are expensive to install as vertical irrigation lines, moisture barriers etc. need to be installed and maintained. This is not within the facilities budget for the washroom building upgrades at Mountain Drive Park. A blank canvas can be provided on a wall of the washroom building to provide a space for a living wall or have an artist paint an installation. It is not within the budget for facilities to hire an artist, but the canvas can be provided. Grant initiatives will be explored as part of the Masterplan.</td>
</tr>
<tr>
<td>2.1</td>
<td>Is it possible to have free Wi-Fi at the sun shelter area?</td>
<td>The City is piloting wireless internet technology (Wi-Fi) at William Connell Park to determine if this is an initiative that could be rolled out at more parks in the future. We need to await further information and findings from the pilot project.</td>
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<tr>
<td>2.2</td>
<td>is there a thought to having a nice walkway entrance at the Concession and Mountain Park Avenue intersection? Potentially with benches and an archway with a trail connection.</td>
<td>We will explore accentuating key entry points into the park to create a sense of arrival and entry. We will also explore providing trail connections internal to the park from key entry points to park amenities.</td>
</tr>
<tr>
<td>2.3</td>
<td>I do think that plaques and information boards are a great asset to a park in general. Some of these could associate with nearby binocular stations pointing out what is across the water.</td>
<td>Noted. There is opportunity to enhance the park identity through its history and provide binoculars at viewing stations.</td>
</tr>
<tr>
<td>2.4</td>
<td>If we are going to add fountains. I would like to see a couple similar to the one Councillor Merulla had installed at the bottom of the Kenilworth stairs.</td>
<td>The drinking fountain standard at parks and trails is similar to the one that is installed at the top of the Kenilworth stairs and features a water bottle filler, a traditional drinking fountain and a dog bowl.</td>
</tr>
<tr>
<td>2.5</td>
<td>Could someone tape the July meeting and make available for those that will be out on their holidays?</td>
<td>Yes, the meeting can be recorded and shared to those who were not able to attend. We will need to request permission from all members prior to doing so.</td>
</tr>
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</table>
| 2.6  | Can we have an example of what a sun shelter looks like? Along with an example of what a renovated washroom building looks like? | Sun shelter example: ![Sun shelter example](attachment:Sun_shelter_example.jpg)  
Renderings of a recent washroom building renovations examples: ![Renderings of a recent washroom building renovations examples](attachment:Renderings_of_a_recent_washroom_building_renovations_examples.jpg) |
Next meeting: **Wednesday July 14th, 2021 from 6:00-8:00pm**

This report is a summary of discussions and is not a verbatim transcription. Please contact the Project Manager within two (2) days of receipt of this document if you wish to make any changes to the record.
Item 1
The meeting was called to order at 6:04 p.m. by Chair Sara Mostacci Carnegie and everyone was welcomed to the meeting. Housekeeping rules were presented by Chair Sara Mostacci Carnegie.

Item 2
The Chair asked Task Force members if there was any discussion on the minutes of the April 14th, 2021 meeting. No errors or omissions were brought forward. The minutes were adopted, as presented.

Item 3
Chair Sara Mostacci Carnegie and Vice Chair Micheline Rancourt presented a summary of the Mountain Drive Park Task Force questionnaire results. A total of twenty-seven (27) responses were received, and the Chair thanked the task force for their ideas and thoughtful responses. The responses were shared with the City of Hamilton Project Manager and consultants.

The survey was broken into two (2) parts, existing and new elements. Common themes of survey were summarized by the Chair and Vice Chair, and include the following:

**Existing elements**
- Trail system and connections:
  - replace chain link fencing along the brow, add binoculars, widen trails for improved use for all types of users, add signage along path outlining etiquette and rules, more eating areas, incorporating entrances such as an archway or signage indicating a welcome into the park
- Biodiversity and tree planting:
o include pollinator beds and planting areas, protect current inventory of trees in the park, consider succession plantings to preserve amount of trees

o **Playground:**
o consult Accessibility for Ontarians with Disabilities Act to ensure play area is accessible to everyone, include obstacle type challenges to engage a variety of age groups, use neutral or natural colours, include a pathway around or leading to playground, replace woodchips with a more favorable material

o **Sun shelter:**
o explore more open concept design, move the location away from the road and detach from washroom building, improve overall aesthetic, explore addition of more seating and lighting, increase the use of the sun shelter for things such as movie nights and posting notices, or some historical information

o **Washroom Building:**
o move for easier use by playground users but maintain visibility, improve overall aesthetic, add lighting, ensuring washroom is open in daylight hours and is regularly maintained

o **Enhancing park using history:**
o the Queen’s visit in 1959, John William Kerr, streetlamps (Victorian style), entrances into the park using historical aesthetic

o **Increase of the number of recycling / waste receptacles and drinking fountain**

**New elements**

o **Lighting:**
o add lighting for safety, support for solar, gaslighting style poles like on Concession Street

o **Spray Pad:**
o everyone agreed with the exception of two (2), beneficial to have it double as ice rink in the winter (volunteer),
should be close to playground and away from quieter parts of park

- Trail connection to lower City:
  - majority opinion that a connection on the Gage Park end most beneficial (this is a last priority based on understanding of budgetary implications), if a new stair connection is made, installation of a rolling rail for bikes would be appreciated

**Item 4**

Louise Thomassin, Landscape Architect and Project Manager for the Redevelopment of Mountain Drive Park (MDP), provided the Task Force with a review of where we are in the current masterplan process, explained the development options developed and provided an overview of the next engagement strategy.

With the aid of a PowerPoint presentation, Ms. Thomassin discussed the following information:

**Overview of Staff Presentation on April 14th, 2021**

- Frequently asked questions
- Engagement refresher
- Engagement and survey results
- Vision statements
- Next Steps

**Where we are now**

- Evaluate development options and selected preferred options
- Stakeholder engagement (internal staff, external stakeholders, task force, community)

**Review of development options**

- One (1) option presented for the main park area
- Two (2) options presented for Mountain Park Avenue
Options will be made available on the project web-page for review

**Re-engage stakeholders**

- Receive input on development options and re-engage stakeholders, such as:
  - Advisory Committee for Persons with Disabilities
  - Internal City of Hamilton staff members
  - Niagara Escarpment Commission
  - Juravinski Hospital (for road options)
  - Bruce Trail Conservancy
  - Task Force and broader community

**Community Engagement**

- July – August 2021:
  - Post development options on Engage Hamilton platform and project web-page
  - Launch mail drop
  - Install posters on site x2
  - Launch survey

- September 2021:
  - Hold virtual public information centre open to the general public (tentative date: Thursday, September 09, 2021)
  - Close survey in September 2021 and post results on Engage Hamilton Platform and project web-page

**Survey #2 goals**

- Seek input on development options and gauge support
- Determine preferred options for Mountain Park Avenue
- Determine community priorities for implementation

**Next steps**

- Share development options with stakeholders
o Select and refine preferred option
o Final task force meeting, October / November 2021?

Item 5
Comments and questions can be found in the attached document prepared by Louise Thomassin.

Item 6
It was determined that the best time to hold the next Task Force meeting was after the public engagement survey closes in September of 2021. Ms. Thomassin will compile the results of the survey and present them to the Task Force.

The next virtual meeting will take place on November 3rd, 2021 from 6 to 8 p.m. A meeting invitation will be forthcoming closer to the November meeting date.

Item 8
There being no further business, the meeting was adjourned just before 8:00pm.
**Meeting Location:** Web-Ex Virtual Meeting  
**Time:** 6:00 pm – 8:00 pm  
**Project Title:** Mountain Drive Park Masterplan  
**Date:** July 14, 2021  
**Purpose:** Overview of updates, including redevelopment options and features and next steps  
**Date Prepared:** July 20, 2021

The following are comments and questions by the task force members and is not a verbatim transcription. The comments and questions are not necessarily shown in the order asked. Responses to the comments and questions are provided.

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<tr>
<td>1.0</td>
<td>If the street is converted to a one-way, can cyclists still travel both ways?</td>
<td>The intent is for cyclists to use the multi-use trail. Commuter cyclists can use the one-way travelling in the direction of traffic or Concession Street. Active Transportation indicated that they are currently exploring a way to make a quiet local street near Locke that is currently a one-way street into a two-way street for bicycles. We will continue to engage with Active Transportation and review the opportunity depending on the outcome of their findings and which option is selected for Mountain Park Avenue by the community.</td>
</tr>
<tr>
<td>2.0</td>
<td>Looks good, I love the plans.</td>
<td>Comment received.</td>
</tr>
<tr>
<td>3.0</td>
<td>Concern about mix of commuters and sightseer’s, not a good mix.</td>
<td>The intent is to widen the trail to have space for recreational cyclists, sightseeing etc. to share the area like the existing trail east of the Kenilworth circle. There are also proposed designated lookout areas separated from the trail for those who wish to stop and rest/sight-see.</td>
</tr>
<tr>
<td>4.0</td>
<td>With the two (2) concepts for Mountain Park Avenue – is the broader community voting on one or the other or a mix of each?</td>
<td>There are only the two options for the broader community to consider and vote on outside of status quo which does address goals of project.</td>
</tr>
<tr>
<td>5.0</td>
<td>Upon review of earlier minutes, parameters seem to have expanded to the road as opposed to just the park. How did this happen?</td>
<td>The trail system along Mountain Park Avenue from Upper Sherman Avenue to Concession street was always part of the masterplan. We received input from the community and task force that the desire was to improve the trail system, including widening of the trail “pinch-points” along Mountain Park Avenue for accessibility and safety. To address these needs, two options were developed for Mountain Park Avenue and have</td>
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<td>6.0</td>
<td>Disappointed with what was presented – typical elements that we see in all other parks, didn’t step outside the box on any elements. Talked about being inclusive but no amenities for adults (concrete table tennis, basketball court, pickleball). Some artistic elements missing as well such as a mural or waterfall on the shelter. Feels that we should challenge ourselves to do something unique at this site.</td>
<td>The park vision developed for Mountain Drive Park by the broader community and task force was to maintain the overall passive feel of the park and add one or two elements that are more active. We surveyed the community and the most desired active elements are trail system improvements and a spray pad. A multi-use court, or court of any kind was the second least desired amenity as voted by the community. The passive-feel and mature trees are unique to this park and add to its character as is proposing a full pedestrianization for Mountain Park Avenue. No other park has a fully pedestrianized street that forms part of the parkland. The other unique element is the proposed stair connection that aligns with the Recreational Trails Masterplan. For adults there are fitness stations, the trail improvements, and the open area that can be used for informal pick-up games. The spray pad is a very popular feature that is not unique to this park but is important for people who live in dense apartment buildings and rely on these types of amenities particularly during the warmer summer months for cooling.</td>
</tr>
<tr>
<td>7.0</td>
<td>How are the people in the apartment buildings off of Mountain Park Drive going to access their parking spaces?</td>
<td>All the apartment buildings have accesses off Concession Street. There is only one apartment building adjacent to Upper Sherman Avenue that uses Mountain Park Avenue, in addition to Concession Street as an access and this will remain open to vehicles even with the full pedestrianization option.</td>
</tr>
<tr>
<td>8.0</td>
<td>Is it possible for people to purchase a bench?</td>
<td>Yes. The City of Hamilton runs a commemorative bench program. The link is provided below for more information. Park Operations and Landscape Architectural Services can work together to determine appropriate locations and implementation timelines pending the recommendations from this Masterplan Report.</td>
</tr>
<tr>
<td>9.0</td>
<td>What is the size of the spray pad? Does it also serve as an ice rink?</td>
<td>The approximate size on the plan is 150 square metres, but the exact size will be determined.</td>
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<td>during detailed design. To clarify, the spray pad does not double as an ice rink in winter. Spray pads and ice rinks are not compatible design elements due to drainage requirements, design of upright spray elements within the spray pad area etc. Installing artificial ice rinks is very expensive and thus targeted for larger city-wide parks that have the additional amenities to support artificial ice rinks, such as larger parking areas, a larger building to house the cooling system, washrooms and change areas etc.</td>
<td></td>
</tr>
<tr>
<td>10.0</td>
<td>Can the ice rink be added in the future?</td>
<td>An artificial ice rink is not planned for Mountain Drive Park. One option is to provide a hose bib in the washroom building to allow the community to flood a flat grassed area in the winter. We will flag this to Facilities staff to determine if this can be included in their washroom building upgrades budget.</td>
</tr>
<tr>
<td>11.0</td>
<td>Is anything proposed west of Upper Sherman Avenue?</td>
<td>Not as part of this Masterplan scope. There are trail improvements and road upgrades planned as part of future works by Asset Management west of Upper Sherman Avenue to Upper Wentworth Street in 2022.</td>
</tr>
<tr>
<td>12.0</td>
<td>The road conversion - How much is the trail project driving this part of the plan? Is status quo still an option and still achieve the objective of continuing the trail? Is so, it would avoid the dramatic change proposed? Thinks status quo should be included as an option.</td>
<td>Improving accessibility and safety for the trail section along Mountain Park Avenue is the main driver for the proposed road options. The trail serves predominantly for recreational purposes but could also serve a functional purpose for some users. According to the Accessibility Standard for the Design of Public Spaces 1.5 metres is the minimum clear width for sidewalks and walkways that serve a functional purpose, and 1.0 metres is the minimum clear width for recreational trails. The optimal clear width is 1.8 metres wide for wheelchair users to comfortably pass. Maintaining the status quo does not allow the trail to be widened at the pinch-points, one of which measures under 1.0 metres wide. Status quo would be an opportunity lost as far as inclusivity is concerned.</td>
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<tr>
<td></td>
<td>Image of pinch point shown below:</td>
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<tr>
<td>13.0</td>
<td>Have any of the property owners along that stretch been involved in the discussions as a stakeholder?</td>
<td>To-date we have consulting with Juravinski Hospital, Hamilton Fire, Hamilton Police, Hamilton Paramedics and roadway traffic, safety and operations. We will engage property owners as a next step as part of the mail drop and survey.</td>
</tr>
<tr>
<td>14.0</td>
<td>What is the “mandate” driving the need to change the street?</td>
<td>When using the term “mandate” we were referring to the overall goals and objectives identified by the community. That being to improve the trail system that runs along the brow and to enhance accessibility and create a space that is inclusive. In regard to legislation, the Accessibility for Ontarians with Disabilities Act (AODA) enacted in 2005, governs the design of public spaces and has minimum clear widths for pathways and walkways as described in item 12.0.</td>
</tr>
<tr>
<td>15.0</td>
<td>Glad that paths are being widened / made accessible. If we do close off the road, are we able to make improvement to Upper Sherman? Specifically making the stop sign larger. Believe that we should be open to looking at these innovative ideas.</td>
<td>We will flag the signage concern / markings to Traffic Operation and Roadway Safety and identify it as part of the masterplan pending the redevelopment option selected for Mountain Park Avenue.</td>
</tr>
<tr>
<td>16.0</td>
<td>Comment regarding the pinch points along Mountain Park Avenue: Everyday I see people taking dogs and strollers on the road – they are really dangerous. From a safety perspective I support the widening of the path to make them safe and accessible.</td>
<td>Comment received.</td>
</tr>
<tr>
<td>17.0</td>
<td>Comment about putting in additional pathways in the park: I see seniors walking the same stretch back and forth so adding more pathways will give a lot more opportunities for seniors.</td>
<td>Comment received.</td>
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<td>18.0</td>
<td>Comment regarding the redevelopment options presented for Mountain Park Avenue (i.e. one-way conversion or full pedestrianization): I live in one of the buildings adjacent to the park – general consensus is that the one way would be a sufficient option.</td>
<td>Comment received.</td>
</tr>
<tr>
<td>19.0</td>
<td>Are more benches going to be added than those that are currently in the park and which way will the benches face? Into the park or out to the view?</td>
<td>We will be adding benches on concrete bench pads along all the pathways and around the “active area” with the playground/spray pad. There will also be a clear space provided for those in wheelchairs, strollers etc. We can flip some of the benches along the northern pathway within the “park proper” to face internally into the park where there is sufficient width between the escarpment and the pathway. The benches along Mountain Park Avenue that are not within the “park proper” will remain facing the view.</td>
</tr>
<tr>
<td>20.0</td>
<td>Will there be a drinking fountain?</td>
<td>There will be a drinking fountain attached to the outside of the washroom building. There is potential to add a drinking fountain along the trail within the park proper near the proposed stair case that would have a water bottle filler, a standard bubbler and a dog bowl.</td>
</tr>
<tr>
<td>21.0</td>
<td>Thank you to the task force and to staff on the project. What we have come up with to date is really spectacular!</td>
<td>Comment received.</td>
</tr>
<tr>
<td>22.0</td>
<td>Historically there was a volunteer group (through Recreation) running an ice rink program.</td>
<td>Staff will follow up with Facilities about the possibility for providing a house bib to support this program.</td>
</tr>
<tr>
<td>23.0</td>
<td>Would solar panel lights be the hope or will there be options? Are we trying to emulate what’s east of the circle?</td>
<td>The lights for the “mountainbrow” pathway would emulate the solar lights east of the circle. The only caveat being where mature trees make the option of solar lights/panels non-viable. We would still match the design aesthetic of the solar lights however wherever this is the case.</td>
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<td>24.0</td>
<td>There are active areas that are away from the central active area. Why?</td>
<td>The fitness stations are slightly more offset from the main active area with the playground and spray pad. The reason being that, fitness areas are well suited to being located along circuitous pathways and adjacent to trail systems. It also allows the trail system users to access the fitness area without having to navigate through the more active areas with children.</td>
</tr>
<tr>
<td>25.0</td>
<td>Will we be able to meet in person given we’re moving into stage 3?</td>
<td>Staff have to defer to the Emergency Operating Center (EOC) and will follow the direction given at the time.</td>
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<td>26.0</td>
<td>Has there been an increase in tents going up in parks across the City (to Councillor Jackson)?  If so, what is the City doing?</td>
<td>Last year two (2) tents appeared and the Councillor worked with the 'unsheltered team' and within two weeks those two individuals were found apartments to live in. We will do our best to find appropriate housing for any other homeless individuals who may set up in the park in the future.</td>
</tr>
<tr>
<td>27.0</td>
<td>Can you share the Eastmount Park concept for context?</td>
<td>Eastmount is in the initial stages of information gathering and generating ideas. Once a city webpage has been established, we can share the link with the task force.</td>
</tr>
<tr>
<td>28.0</td>
<td>Is it more of a menu of options? Or is there a full-scale proposal, a moderate proposal and a small option?</td>
<td>There is one development option for the main park area, that the community is welcome to comment on. The amenities however are set. There are two development options for the trail improvements along Mountain Park Avenue with the intent of improving accessibility and safety. The community will be surveyed and given the opportunity to select their preferred option.</td>
</tr>
<tr>
<td>29.0</td>
<td>What is the budget outline as it relates to what is being proposed?</td>
<td>We will be developing more detailed budgets based on the final development plan selected by the community and will be using a phased-based approach for implementation. Facilities is proposing 2022 for addressing the washroom building and Landscape Architectural Services will include in future capital budget requests based on the priorities selected by the community in the next survey. The construction of all of the amenities shown will be phased out over several years and some, like the stair connection, may require funding from outside sources, such as from grants offered by the Federal / Provincial governments.</td>
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| 30.0 | A few thoughts on the pedestrianization of Mountain Park Avenue: how lovely it would be for the patients and families at Juravinski to have this greater space to use to get a fresh perspective and break from the hospital. How if the road was closed, the amount of use by runners, skateboarders, roller-bladders would be high. The neighbourhood could have road chalk design competitions; I think the apartment dwellers along that stretch of the brow would end up making proper gateways to the pedestrian way to take better advantage of it. It’s kind of endless the possibilities out there. The apartments could host a street garage sale.  

I think just the ability to try so many new things in that space make is worth having and that section of road really is very lightly used. Maybe, food trucks could come once or twice a year, etc. It would be a pretty unique and spectacular public space in of itself.                                                                                                                                                                                                 | Comment received. |
| 31.0 | It is a very worthwhile idea exploring the pedestrianization of Mountain Park Avenue for the enhanced experience of the many different types of users. The potential for festivals is an exciting idea - especially if that section is already designated pedestrian / cyclist only - no closing down of the street would even be required.                                                                                                                                                                                                                                      | Comment received. |
| 32.0 | Just wanted to follow up regarding the scope of this project and ask for clarification as it relates to the proposed change to the roadway.  

As per the initial prospectus which does not include any mention of a change to the roadway and only references the 10 acre park, I have attached the pdf for comment and discussion.                                                                                                                                                                                                                             | The prospectus was prepared by the ward Councillor offices at the project launching and notes that the items listed are potentials only and that the masterplan may or may not include the items listed and that amenities had not been finalized. It is difficult to predict every item and the full extent of those items until the masterplan process actually starts and we begin to receive feedback from the community.  

See response to items #12 and #14 for further clarification.                                                                                                                                  |          |

Next meeting: **Wednesday November 3rd, 2021 from 6:00-8:00pm**, Please contact the Project Manager within two (2) days of receipt of this document if you wish to make any changes to the record.
Minutes of Mountain Drive Park Redevelopment

Task Force Virtual Meeting

November 3rd, 2021

(Recorded by Meghan Stewart, City of Hamilton
and Compiled by Louise Thomassin, City of Hamilton)

Item 1
The meeting was called to order at 6:03 p.m. by Chair Sara Mostacci Carnegie and everyone was welcomed to the meeting. Housekeeping rules were presented by Chair Sara Mostacci Carnegie.

Item 2
The Chair asked Task Force members if there was any discussion on the minutes of the July 14th, 2021 meeting. No errors or omissions were brought forward. The minutes were adopted, as presented.

Item 3
Chair Sara Mostacci Carnegie and Vice Chair Micheline Rancourt presented a summary of the consultation process to-date and highlighted key milestones such as meetings dates, development of the vision statement, questionnaires, first public survey date, the broader public consultation session and discussions that occurred.

The Chair and Vice Chair indicated that Louise Thomassin would present the second public survey results as part of Item 4.

Item 4
Louise Thomassin, Senior Project Manager for the Redevelopment of Mountain Drive Park (MDP), provided the Task Force with a review of the second survey results, the masterplan recommendations, the redevelopment plan, a pilot project example and next steps.

With the aid of a PowerPoint presentation, Ms. Thomassin discussed the following information:

Overview of Staff Presentation on April 14th, 2021
Review of Re-Development Option(s), including the main park and two (2) Mountain Park Avenue Options

Stakeholder re-engagement to receive input

Community engagement strategy

Survey #2 goals

Survey #2 Goals

Gauge community support for plans

Establish a preferred concept for Mountain Park Avenue

Determine priorities for implementation

Survey #2 Response Rate

2094: number of online visitors who viewed at least one project page

448: number of survey respondents

1195: number of online visitors who viewed multiple project pages

Survey #2 Results

Question #1: do you support the improvements and new additions as shown on the development option for the park?

- Yes (381), No (9), Other (18)

Questions #2: please select your preference for Mountain Park Avenue.

- Option A – One-way conversion (79), Option B – Pedestrianization (290), Option C – Status quo (67), Option D – No preference (16)

Question #3: please indicate your priorities for redevelopment, with 1 being the highest.

- Main park (2.38), Mountain Park Avenue and associated trail system (2.68), Open lawn and trees (3.91), Meditation area (4.13), Stair connection
Survey #2 Recap

- Gauge community support for plans. Results achieved: 85% support rate.
- Establish preferred concept for Mountain Park Avenue. Results achieved: over 80% support for change, with over half voting for pedestrianization.
- Determine priorities for implementation. Results achieved: high priority for main park improvements and Mountain Park Avenue.

Recommendations

- Recommend implementation of redevelopment plan for main park as presented
- Recommend implementing new amenities in order of priority as expressed by community
- Recommend piloting pedestrianization of
- Mountain Park Avenue, including reengagement of community to re-affirm support

Park and Streetscape Plans

- Available on the project web-page. Ms. Thomassin walked through the improvements with the Task Force

Pilot Project Example

- Presented a pilot example of Gore Park and King Street. Gore Park underwent a masterplan process and the recommendations from the process included pedestrianization a section of King Street. A pilot was launched in the summer of 2012 and community feedback was gathered. Following the success of the project, the pedestrianization of that section of
King Street was formalized and made permanent.

**Next Steps**

- Prepare and finalize masterplan report, including circulation of draft report to key stakeholders.

**Item 5**

Comments and questions can be found in the Questions and Answers document prepared by Louise Thomassin.

A Task Force member brought forward a motion to meet again in the Winter of 2021 prior to finalizing the masterplan report. The motion was voted down with a count of 5 for and 6 against.

Councillor Jackson encouraged the Task Force not to dissolve to participate in a groundbreaking ceremony prior to the demolition of the washroom building as this is an important step in the legacy project and it would be an opportunity to put faces to names and take photographs.

**Item 6**

This being the last Task Force Meeting, the Chair and Vice Chair thanked all Task Force Members for their efforts and hard work. They expressed their excitement to see the plans move forward and look forward to further engagement for Mountain Park Avenue specifically.

Councillor Jackson expressed the importance of having residents participate in a Task Force and that he advocated for the creation of this Task Force and for others in his Ward for different projects over the years.

Ms. Thomassin thanked the Task Force for their participation and efforts throughout the life of the Masterplan project, and specifically the Chair and Vice Chair for their dedication.

**Item 7**

There being no further business and this being the last Task Force Meeting for the Mountain Drive Park Masterplan, the meeting was adjourned at 7:58pm.
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<th>COMMENTS/QUESTIONS</th>
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<tr>
<td>1.0</td>
<td>Has concerns to Mountain Park Avenue - thought the task force was primarily focused on the park proper but other areas of suggestion came up such as the stairs to the lower city and Mountain Park Avenue. The two road options that came out in the survey are significantly different with different impacts. The hospital and apartment building could be negatively impacted. Thought budgets were set aside for the park proper not Mountain Park Avenue.</td>
<td>The Mountain Park Avenue options came to be through the masterplan process and engagement with the community. Similar to the Gore Park Masterplan, the road become an integral component to increasing safety and accessibility. Maintaining the status quo does not relieve the narrow points along the walkway as there is no space to expand out towards the escarpment and therefore road width must be used to ensure equitable access and be in compliance with the AODA. We understand that there is more discussion and public engagement desired for the Mountain park Avenue piece specifically and this will be the recommendation in the masterplan report. Namely to re-engage with the public prior to implementing any change, including the pilot to re-affirm the desire for change. Note: that Juravinski Hospital / Health Sciences have been consulted and that the one access to the apartment building will be maintained. There are no other vehicle accesses along Mountain Park Avenue to the apartment building.</td>
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<td>2.0</td>
<td>Thought the survey was unfairly skewed to get the results we got. Felt there was no option to improve status quo and alleviate the pinch points. Has concern about the washroom building not having an extended canopy to provide a</td>
<td>We will be re-engaging with the community prior to any improvements and will endeavor to make the engagement process an inviting conversation from multiple perspectives. See response to question #1 regarding the AODA. There will be a small canopy over the washroom</td>
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<td>shaded area. The sun shelter is there but it's central to the spray pad and playground and there isn't an area away from children for people to relax in the shade or out of the rain. Where are the stairs proposed to come out at Gage Park? Can a four-season type of table tennis table be provided under the sun shelter?</td>
<td>building over the doors to the washrooms. With the increased tree planting there will be more shaded opportunities for residents to sit away from the “active” components in the park. There are benches proposed throughout the park keeping in mind different seasons and optimizing comfort levels. The stair connection to Gage Park from the Rail trail forms part of the Recreational Trails Masterplan and is not detailed at this time. Further investigation is required in regards to the Table Tennis to determine success rates in other municipalities who have installed them and to determine long term maintenance implications. Work is being undertaken to reach out to other municipalities.</td>
</tr>
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<td>3.0</td>
<td>Would like to see Mountain Park Ave moved ahead so that it's more pedestrian friendly</td>
<td>Comment received.</td>
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<td>4.0</td>
<td>Will there be a yearly maintenance budget allotted specifically to this park?</td>
<td>Capital projects have associated annual operating budgets that get incorporated as part of the funding.</td>
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<td>5.0</td>
<td>Is in support of change to Mountain Park Avenue and pedestrianizing it. The area that patients/families of patients have to enjoy non-hospital events is currently a small strip of road and not conducive to family wellbeing. The pedestrianization could have some positive impacts.</td>
<td>Comment received.</td>
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<td>6.0</td>
<td>Will any trees need to be removed? Was made clear that no trees should be cut down and it appears that the mature trees will be removed to redevelop this area.</td>
<td>The direction was to protect all large mature trees and all large mature trees along the north and eastern sections of the park will be protected and retained. Tree counts are as follows:  - 123 new trees showing overall, direction is to plant native species and a variety of species to prevent monocultures  - 8 newly planted trees (under 10cm DHB) to be transplanted  - 1 tree under review pending decision from Mountain Park Avenue Street scape option (under 15cm DBH non native) to provide accessible parking  - 1 tree to be reviewed during detailed design at new entrance (under 10 cm...</td>
</tr>
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<td>DBH, non native, adjacent to bus stop) - All other existing trees to be preserved and protected.</td>
<td>7.0 Regarding the two dips in the park, has there been any progress on these? We requested geotechnical boreholes be undertaken specifically at this location, and recommendations will be included within the masterplan report to smooth on the grade and take into consideration the findings from the geotechnical investigations.</td>
</tr>
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<td>Doesn’t understand the desire to change Mountain Park Avenue, its 700m of road to close off and not a feasible idea for people having to walk so far to get anywhere especially youth/elderly/disabled. Cannot compare to Gore Park because it’s very different from the downtown core. Comment received.</td>
<td>8.0 Doesn’t understand the desire to change Mountain Park Avenue, its 700m of road to close off and not a feasible idea for people having to walk so far to get anywhere especially youth/elderly/disabled. Cannot compare to Gore Park because it’s very different from the downtown core. Comment received.</td>
</tr>
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<td>Yes, there is a masterplan called the Mountainbrow Multi Use Feasibility Study that proposes and escarpment trail connection that connects Iroquoia Heights Conservation Area to the Devils Punchbowl. This trail system runs through Mountain Drive Park and that’s why you see similar features in this masterplan as we are taking direction from the direction of the Mountainbrow Multi Use Feasibility Study (e.g. solar lights, bench style, fence style, trail widening). The two documents marry each other rather than one taking precedence over the other.</td>
<td>9.0 Discovered recently that there is a proposed 25km trail that goes from Stoney Creek to Iroquoia Heights (Mountainbrow Multi Use Feasibility Study) – does that project tie together with this project and Sam Lawrence? Does one of these projects take priority over the other? Yes, there is a masterplan called the Mountainbrow Multi Use Feasibility Study that proposes and escarpment trail connection that connects Iroquoia Heights Conservation Area to the Devils Punchbowl. This trail system runs through Mountain Drive Park and that’s why you see similar features in this masterplan as we are taking direction from the direction of the Mountainbrow Multi Use Feasibility Study (e.g. solar lights, bench style, fence style, trail widening). The two documents marry each other rather than one taking precedence over the other.</td>
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<td>The stone wall is recommended to be preserved but no further stone wall will be added. The stone wall will be reviewed for safety during detailed design.</td>
<td>10.0 Will the stone wall remain, or more be added?</td>
</tr>
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<td>We have done surveys in the past where we consult on specific components of play structure or spray pad showing sample images with the ability to provide comments. Can issue a survey at the time of detail design to get feedback from residents. We will also need to be mindful of available space and budget during the process.</td>
<td>11.0 Is there opportunity for the members of the task force to provide any input into the specific play and waterpark elements and structures?</td>
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<td>12.0</td>
<td>Will the binocular stations be free of charge?</td>
<td>Yes, that will be the recommendation in the masterplan report.</td>
</tr>
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<td>13.0</td>
<td>Where the old transformer box is there’s an area where people with wheelchairs and walkers have a great view but it’s through a chain link fence. I had proposed a plexiglass in this area to continue to allow for a view.</td>
<td>Note that the Niagara Escarpment Commission dictates that there can be no visual height obstructions when looking up at the escarpment from the base of the escarpment and we also need to be mindful of budget. The chain link fence will be replaced with a decorative fence with vertical pickets that can be seen through, in addition to there being other areas where people in wheelchairs and walkers can enjoy unobstructed views. Will review the plan and ensure this area has a place to sit opposite this location.</td>
</tr>
<tr>
<td>14.0</td>
<td>It has been great and exciting working with you all through the process. Good progress. Ample opportunity to provide input. Lots of great, engaged neighbours here in our two wards. Good to have met you all virtually.</td>
<td>Comment received.</td>
</tr>
<tr>
<td>15.0</td>
<td>Re stairs, is that a brand new connection to lower mountain like Wentworth and Margate stairs?</td>
<td>Yes.</td>
</tr>
<tr>
<td>16.0</td>
<td>I loved the presentation, this is all very exciting!</td>
<td>Comment received.</td>
</tr>
<tr>
<td>17.0</td>
<td>Thank you for a another very informative meeting and will the presentation be available to download? Thank you kindly.</td>
<td>Yes, the presentation will be uploaded to the project web-page and a link shared with the task force members.</td>
</tr>
<tr>
<td>18.0</td>
<td>Things are looking really positive with the design.</td>
<td>Comment received.</td>
</tr>
<tr>
<td>19.0</td>
<td>A pedestrianized Mountain Park Avenue would have similar access and distance for people in walkers and have unique accessibility mobility to the central park viewing area just discussed.</td>
<td>Comment received.</td>
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Please contact the Project Manager within two (2) days of receipt of this document if you wish to make any changes to the record.
CPTED Property Audit
Statement of purpose:

Crime Prevention Through Environmental Design, or CPTED as it is more commonly known, is a proactive design technique that believes that the proper design and effective use of the built environment can lead to a reduction in the fear and incidence of crime, as well as an improvement in the quality of life.

The CPTED recommendations prepared for your site are not intended to make your site “vandal-proof”, “assault-proof”, “bomb-proof” etc. They are intended to improve the function of the space while addressing a number of safety and security issues by providing ways to improve your property’s natural surveillance, natural access control and territoriality.

Implementation of the enclosed recommendations should not be fragmented. Many times the incorporation of one phase depends upon the implementation of other security recommendations and failure to utilize the systems approach can breach all elements of the system.

Overview of CPTED:

CPTED’s underlying objective is to help various disciplines do a better job of achieving their primary objectives, with the added by-product of improved security and loss prevention. This objective is based upon the belief that crime and loss is a by-product of human functions that are not working.

How does CPTED differ from traditional crime fighting techniques?

CPTED’s emphasis is based on design and use. In this way, it deviates from the traditional target hardening approach to crime prevention.

The target-hardening approach traditionally focused on denying access to a crime target through physical or artificial barriers (such as locks, alarms, fences and gates). This approach often overlooked the opportunities for natural access control and surveillance while placing a constraint on the use, access and enjoyment of the hardened environment.

CPTED emphasizes and exploits these lost opportunities through the development of three overlapping CPTED strategies. These strategies are:

* Natural Surveillance
* Natural Access Control
* Territorial Reinforcement

Natural Surveillance is a design strategy that is directed primarily at keeping intruders under observation.

Natural Access Control is a design strategy that is directed at decreasing crime opportunity.

Territorial Reinforcement is a design strategy that realizes that physical design can create or extend a sphere of influence so that users develop a sense of proprietorship or territoriality.
Mountain Drive Park, 935 Concession Street, Hamilton Ontario
Audit prepared by: Hamilton Police Service - Crime Prevention Branch

Cst. Jeff Clushman #851
905-546-0125
jclushman@hamiltonpolice.on.ca

Cst. Carolyn Crnac #161
905-546-1577
ccrnac@hamiltonpolice.on.ca

Date of Audit: 2021/02/23 - Daylight Hours
This document has been created as a result of the Hamilton Police Service receiving a request for a CPTED Audit. CPTED is an acronym for Crime Prevention through Environmental Design and it is the philosophy of a multi-channeled approach to deterring criminal behaviour by utilizing the community (people), structural design and the natural environment. Essentially, CPTED is used promote the target hardening of any location by using its own environment in the process.

**Lighting**

Effective lighting allows for natural surveillance by providing the ability for people to see/witness criminal acts as they are happening. It can also generate witness potential by giving people a reason to look. There are many different types of lighting available and the goal is to select a light type that is appropriate for the area. The area should be well illuminated without creating a visual nuisance for onlookers. It should also be placed strategically in order to prohibit hiding places or areas for criminals to paint graffiti, use illegal drugs and damage property or steal property. All pathways should be illuminated as well to provide a secure environment for those walking on the pathways. For safety reasons, Police recommend the lights remain on from dusk until dawn. The spacing of the lights should be that there are no blind spots or shaded areas along buildings and paths. To reduce cost motion activated lights can be installed in some areas that only come on when there is motion or people walking through the area. Areas that have sufficient lighting tend to attract positive use of space. When there is positive
use of space it tends to drive-away and deter the negative use (drug use, loitering etc).

**Access Control:**

A large component of CPTED is access control. Fencing and other physical barriers can help to provide access to or from a property. Fencing also provides a visual and physical deterrent to trespassers who could potentially commit further criminal offences on the property. With specific styles of fencing, climbing can be made more difficult and therefore resulting in less trespassers on the property. Fencing cannot be a solid structure and must provide clear lines of sight into and on the property. If a fence is solid in structure, it can also provide an area of hiding and protection for people or animals to take shelter.

Having properly designed pathways and walkways is important because this also encourages proper use of the space and allows access to the walkway along the mountain brow from multiple entry points into the park. Again, lighting along these pathways are very important. Without pathways, “desire lines” start to form in multiple areas of the park. “Desire lines” can be defined as - “A desire path is a path created as a consequence of erosion caused by human or animal foot traffic. The path usually represents the shortest or most easily navigated route between an origin and destination. The width and severity of erosion are often indicators of the traffic level that a path receives”.

This leads to another component of Crime Prevention – when an area shows signs of neglect or negative use of space, it can create a space which attracts more disorder, crime and desolation. This is often referred to as the “Broken Window Theory”. This theory states that when a property or building appears to have lack of pride, no ownership or has property in need of desperate repair, it becomes an easy target to thieves, loitering, and other criminal activities. When the park is well maintained and kept in a good state it will automatically attract positive use of space.

**Signage**

Signage can help establish territory and can clearly distinguish private from public property. With signs being properly displayed throughout the park, this helps to eliminate the “I did not know” excuse for trespassers and loiterers alike. Having adequate signage also indicates ownership of the open space and park. Without signage indicating it is property of the City of Hamilton, people tend to turn the space into “free” space or unidentified space; which can lead to unwanted activities taking place in the park.
**Other Recommendations:**

Based on the opportunity to re-design the restroom/pavilion structure in the park, we would strongly recommend separating the pavilion from the restroom facilities. As it is currently designed, the solid structure of the restroom creates a sheltered area in the pavilion. When there are dark, protected areas and limited witness potential, people will congregate, loiter, and engage in illegal and unfavourable activities. Currently, from the road-way there are limited sightlines of the pavilion. By redesigning the structures and separating the two facilities, this will allow for clear sightlines, adequate lighting to reach both areas and will attract families, children and other positive use of the space.

Other images and maps are from public open-sourced websites.

Please note that there are no guarantees in preventing crime. This report is comprised of suggestions based on CPTED Principles that may lead to the reduction in the fear and incidence of crime and disorder, leading to an improvement in the overall quality of life of the property of the City of Hamilton.

If there are any questions, please feel free to contact the writers.

Report Completed by: Cst Carolyn Crnac #161, Cst Jeff Clushman #851.

**DISCLAIMER**

CPTED audits are designed to make recommendations to reduce the likelihood of criminal activity in and around a physical structure such as a building. Compliance with the recommendations does not guarantee protection from crime. The persons conducting CPTED audits are trained in crime prevention techniques, not in the enforcement of property standards, fire regulations, or other such regulations or by-laws. Accordingly, since these are only recommendations, the Hamilton Police Service, the Hamilton Police Service’s Board and the City of Hamilton disclaims any responsibility for any claims or actions arising from the effectiveness, completeness or the implementation of some or all of the recommendations contained within this audit.
Lighting Plan
Civil Design Brief
Re: Civil Brief
Mountain Drive Park Masterplan
935 Concession Street, Hamilton

Introduction

MTE Consultants Inc. (MTE) has been retained by The MBTW Group to prepare a preliminary high level servicing design brief for the master plan report for a proposed new park design located at 935 Concession Street in Hamilton Ontario (hereon in referred to as the “subject site”). Currently, the site is largely grass and trees with a small building and playground located on the west side of the property along Concession Street. The site can currently be access from both Concession St and Mountain Park Ave.

This design brief will discuss the storm, sanitary and domestic water serviceability of the proposed development of the new park washroom/mechanical building and supporting park features in relation to the existing available infrastructure within the vicinity of the property.

The proposed site is located in the City of Hamilton Ontario. The site is bounded by Concession St on the south, Mountain Park Ave on the west side and a steep drop down to Sherman Access on the north and east side. The total site area of the is 4.04 ha.
Site Grading

Based on the survey plan provided to MTE the small portion of the site north of the northerly foot path slopes down towards the edge of the escarpment. The rest of the site gently slopes towards Concession Street at an average of 0.41% with a high point of 193.23 and a low point of 192.80. Since there will be a minor increase in the amount of concrete paths and a proposed new slash pad it is recommended a new grading plan is developed at the detailed design stage to account for these new surfaces and their impact on surface drainage.

Stormwater

Stormwater Management

As previously discussed, the proposed development will consist of a new 1-story washroom/mechanic building and splash pad. The proposed conditions will see a small increase in impervious cover for the site as new pathways and parking lots are being proposed.

The current site drains from the north side to the south side below the northern pathway and north over the escarpment edge above the pathway. The proposed park will continue to drain in the same manner except for the new parking lot located on the west side of the property which will drain into the existing catch basin located at the corner of Concession Street and Mountain Drive Ave (see Figure 2). The current impervious percentage is 4.5% and with the new pathways and parking lot is 10.6%. Since this is a minor increase of 6.1%, there is little concern of impact to the existing stormwater infrastructure at this time. However, a stormwater sewer analysis is recommended at the detailed design stage to ensure extra runoff can be accommodated by the main stormwater sewer. Opportunities to include LID and infiltration measures should also be examined at the detailed design stage.

There are currently no known quality controls measures put in place for the stormwater runoff.
Storm Sewer Servicing

Based on the survey, runoff from the site drains overland towards the surrounding streets where it enters the storm sewer system via street catch basins. There is an existing 525mm diameter storm sewer on the west side along Mountain Drive Ave and an existing 1200mm diameter storm sewer along Concession Street. The 525mm diameter sewer is assumed to flow into the 1200mm diameter sewer and flows are then conveyed into a 1200mm diameter combined sewer located on Upper Gage. A storm sewer analysis should be considered at the detailed design stage in order to verify the current operating capacity of the sewers. Under proposed conditions, a new storm service for the site from either Mountain Drive could be provided if detailed grading indicates it will be required. Alternatively, surface drainage could continue to drain overland towards the surrounding streets and escarpment edge.

The splash pad area will need to have at least one area drain or catchbasin in order to collect and drain water from the splash pad into the storm sewer. The area drain will connect into the existing 1200mm diameter storm sewer located on Concession Street with a new connection with a 38m 150mm diameter storm sewer. A biodynamic LF sodium sulfite tablet feeder will be utilized between the splash pad and main storm sewer to provide water treatment. The 150mm diameter storm sewer was selected based off past experience on similar projects and can be revised based on the final storm sewer demand of the proposed splash pad at the detailed design stage.

Summary: The existing subject site drains partially in a sheet flow over the escarpment and partially into the Concession Street at a 0.25% slope. There is a 6.1% increase in impervious area from the existing site to the proposed site. The current sewers that are located along Concession Street and Mountain Drive Ave could be used to service the proposed site. The splash pad will drain into the existing storm sewer after first outletting through a biodynamic feeder.

Sanitary Servicing

Existing Sanitary System

The existing property currently has a 1-story building located on the south side of the property which has an unknown pipe currently servicing it and with an unknown demand. The pipe from the building is assumed to fed into an existing 450mm sanitary sewer that runs west to east along Concession Street. The 450mm sanitary pipe then flows into a 1200mm combined sewer that runs north to south along Upper Gage Ave.

Proposed Sanitary Demands

In order to assess the impact of sanitary discharge of the new proposed building to the municipal sanitary sewer system further information is needed to perform the proper calculations. These demands will be calculated at the detailed design stage.

Proposed Sanitary Servicing

The proposed building has the possibility to be serviced with a proposed 37m 150mm sanitary pipe that will flow from the proposed building to the existing 450mm sanitary sewer that runs along Concession street. This sewer will then flow into an existing 1200mm combined sewer that runs north to south along
Upper Gage Ave. The 150mm pipe is a recommendation based off past experience that can be changed based on the final sanitary sewer demand at the detail design stage.

In order to determine whether the municipal sanitary and combined sewer can handle the increased flow a sanitary analysis will need to be completed for the exciting sewer infrastructure.

Summary: There is an existing 450mm diameter municipal sanitary sewer adjacent to the property that could be utilized for servicing. There is a proposed 200mm sanitary pipe that will connect the proposed building to the existing sanitary sewer. There is a second proposed 29m 150mm sanitary pipe that will connect the splash pad to the proposed building. Utility investigations should be considered to identify exact location of all existing infrastructure.

**Water Servicing**

**Existing Water System**

Based on the received survey the current site is assumed to be serviced from an existing 300mm water main located on Concession Street that tee’s off to an existing 150mm and 300mm watermain at Upper Gage Ave. In order to find the location and size of the existing watermain that connects the main watermain and the building additional locates will need to be completed.

**Domestic Water Demands**

Based on the site plan there are three different locations that will require domestic water. The three locations will be the proposed main building, the proposed splash pad and the proposed irrigation system for the garden. The water demand will have to be coordinated with mechanical to produce an accurate number.

A supplied drawing for a pervious splash pad design was given to approximate the demand from the splash pad. The splash pad has a total area of 162m² with a demand of 353.9 LPM or 5.90 l/s. The Proposed area of the splash pad it approximately 231m² which is 43% larger in area which would mean the demand would be approximately 506.1 LPM or 8.43 l/s.

**Fire Flow Demands**

Based on the site plan only the proposed 1 story building will have a fire flow demand. The site plan shows a floor area of 92m² for the proposed building which would give a fire flow demand of 33L/s. This number may change based on area, occupancy and sprinklers of the proposed building. The fire flow is assumed to be serviced by the surrounding fire hydrants.

**Proposed Servicing**

Based on the survey the site would be serviced by the existing 300mm watermain located on Concession Street. A proposed 42m long 100mm diameter water service with a valve located at property line will provide water to the main building where it will be distributed to the splash pad and the garden. The water service that will connect the proposed building to the splash pad will be a 28m long 50mm diameter water service. The 50mm diameter water service is a water service size chosen based on past splash pad projects. The water service that will connect the proposed building to the garden will be a 120m long 25mm diameter water service. The 25mm diameter water service is chosen based on previous experience with similar projects. Within the building a mechanical room will be included which can house the backflow preventer as the building is within 60m of the existing municipal watermain. All
these pipe lengths, locations and size may change based on co-ordination with the mechanical consultant at detailed design stage.

A pressure test was completed by Canadian Hydrant Technologies on August 10 2021 (see attachment) for this site with a static pressure of 57 psi and a residual pressure of 46psi. Based on the hydrant test result the system pressure is within normal operating range. The proposed water service size and pressure to be confirmed at the detailed design stage.

Summary: There is an existing 300mm watermain that is assumed to be servicing the current site that can be used but a pressure calculation must be done to ensure minimum pressure is kept.

Erosion and Sediment Control

In order to minimize the effects of erosion and sediment leaving the site during construction, it is recommended to install a sediment fence around the perimeter of the site to prevent any sediment from leaving the construction area. Silt sacks should also be placed within all on-site catch basin and catch basin manholes and the nearby off-site catch basins to prevent any sediment from entering into the storm sewer network. Silt fences should be installed along the property limits to contain A mud mat should also be installed at all proposed construction accesses. Any sediment that is tracked onto the roadway during the course of construction should be cleared by the contractor.

Other Utility Services

Based on the survey provided, it is expected that the subject site will be able to be serviced with gas, hydro and telephone services.

Gas Services

At the time of this report, no locates were completed. Based on the survey there is a gas main that is located on the south side of Concession Street that could be used. Co-ordination with Enbridge will be required before building. According to Enbridge the applicant would need to apply through the online portal and provide a CAD or PDF plan which demonstrates the site location.

Hydro Services

At the time of this report, no locates were completed. There is currently a hydro connection to the excising building that could be used for the proposed building. Further co-ordination with hydro company is required ensure proper electrical connection is obtained.

Telephone and Internet Services

At the time of this report, no locates were completed. Based on the survey a bell cable is located on the south of Concession Street and a roger cable is located on the north side of Concession Street. It is recommended that the electrical consultant reach out to a Bell representative for a consultation at the time of detailed design. Available services have been included in the appendix of this report.

Summary: Gas, Hydro, Telephone and Internet services are available for the site. Further co-ordination with the utilities will be required at design stage.
Overall Findings/Summary

This report provides an initial summary of the existing services and constraints associated with the proposed development. Based on our findings, we conclude that:

- The site topography slopes from north to south and has an overall elevation drop of approximately 0.41%
- An existing 300mm diameter municipal watermain is available to service the site
- An existing 450mm diameter municipal sanitary sewer is the proposed sanitary outlet for the site
- There are existing storm sewers available to service the site if required once detailed grading is complete
- Hydro, Gas and telephone and internet services are all available but will require more coordination.

As a result of this study, MTE recommends that City of Hamilton be consulted to confirm the appropriate municipal servicing strategy for the site.

Next steps and recommendations are discussed in the following section.

Next Steps & Recommendations

MTE recommends the following:

- A pre-consultation meeting be held with municipal staff to verify the findings of this report.
- Further utility investigation and survey should be considered

We trust the information enclosed herein is satisfactory. Should you have any questions please do not hesitate to contact our office.

All of which is respectfully submitted,

MTE CONSULTANTS INC.

Taylor Leet.
Designer
905-639-2552 ext. 2420
tleet@mte85.com

George Berenyi, P.Eng.
Technical Manager, Civil
905-639-2552 ext. 2461
gberenyi@mte85.com
Proposed New Washroom Building

Existing canopy structure and concrete paved sitting area to be demolished

Existing building to be demolished

Ex. Canopy structure and existing seating area to be demolished

Existing asphalt paving to be removed and same extent resodded

Shaded-line background drawing denotes the future park design and is shown for reference only

Denotes existing playground set shown for reference only

935 Mountain Drive Park

Shaded-line background drawing denotes the future park design and is shown for reference only

935 Concession Street, Hamilton, Ontario L8V 1G1