Burlington Integrated Mobility Plan

Council Workshop #1

December 15, 2020

Introductions

City of Burlington

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- **Michelle Dwyer**
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  Engagement Specialist
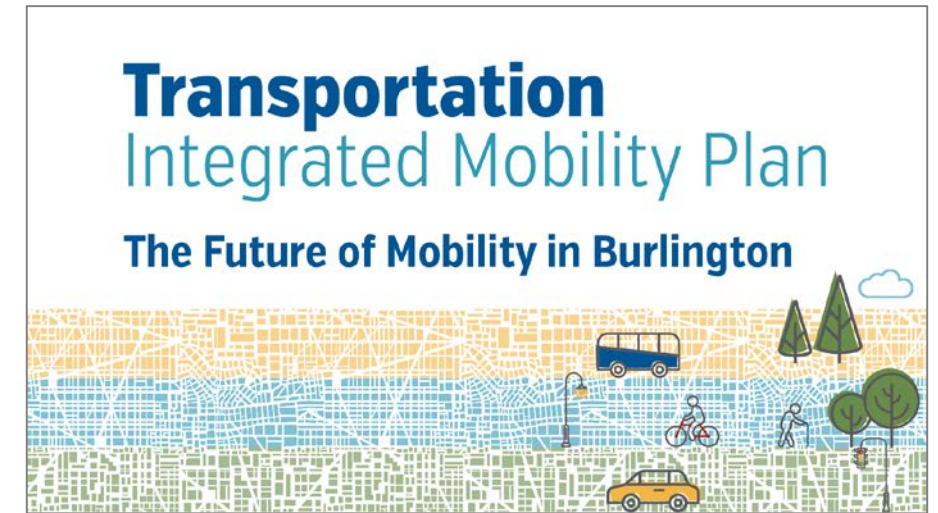- **Zahra Jaffer**
  Engagement Specialist

Workshop Overview

1. **Introduction to the IMP**
2. **Existing Transportation Context in Burlington**
3. **IMP Vision and Values**
4. **Summary of Engagement**
5. **IMP Goals**
6. **Interactive Workshop**
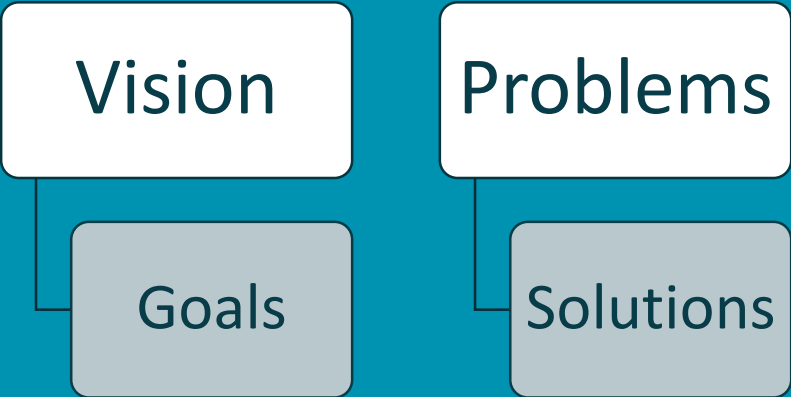7. **Next Steps for the IMP**

Why an **Integrated Mobility Plan**?
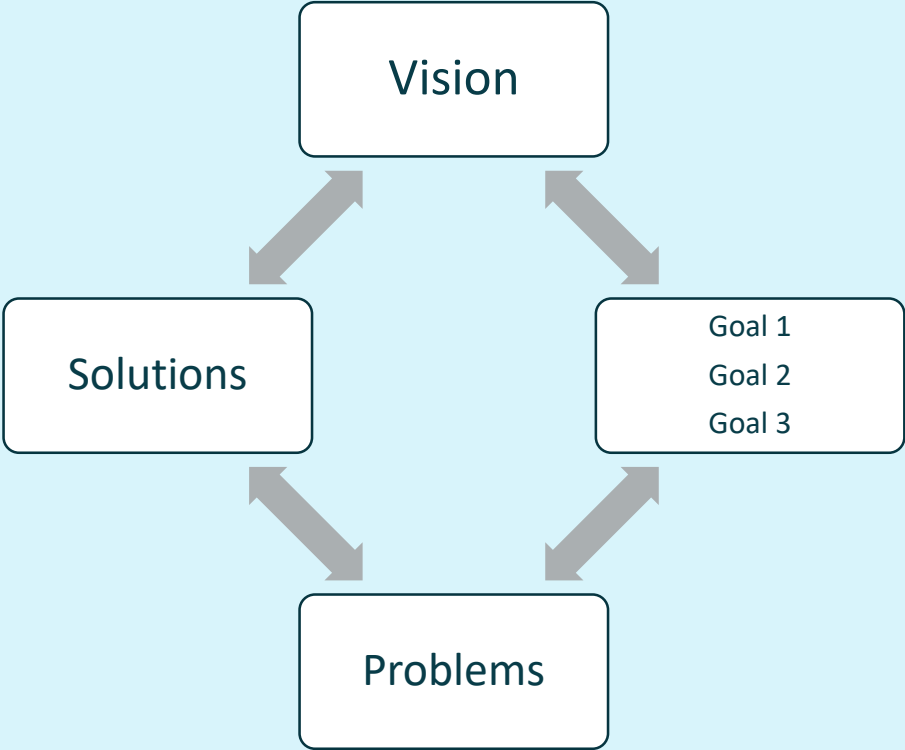
Project Launch

- Virtual Project Launch – October 15, 2020
    - 180 Attendees
    - Introduced the project to the public and set the stage for the IMP

- Panel discussion explored:
    - The future of mobility
    - Links between transportation, public health, and the environment
    - Social impacts of transportation
    - How the IMP will shape Burlington

IMP Approach – Policy Framework Foundation

Traditional TMP

```
Vision        Problems
   |             |
 Goals        Solutions
```

What Burlington IMP will do

```
            Vision
           ↗     ↘
   Solutions      Goal 1
                  Goal 2
                  Goal 3
           ↘     ↙
          Problems
```

IMP Approach – Mode Shift

Traditional TMP

Set Mode Share Target → −25% → Identify delays and roadway expansion

What Burlington IMP will do

Add planned and missing sustainable links first → Set City-wide mode share / Explore sub-area mode share targets → Adjust demand to fit into desired corridor

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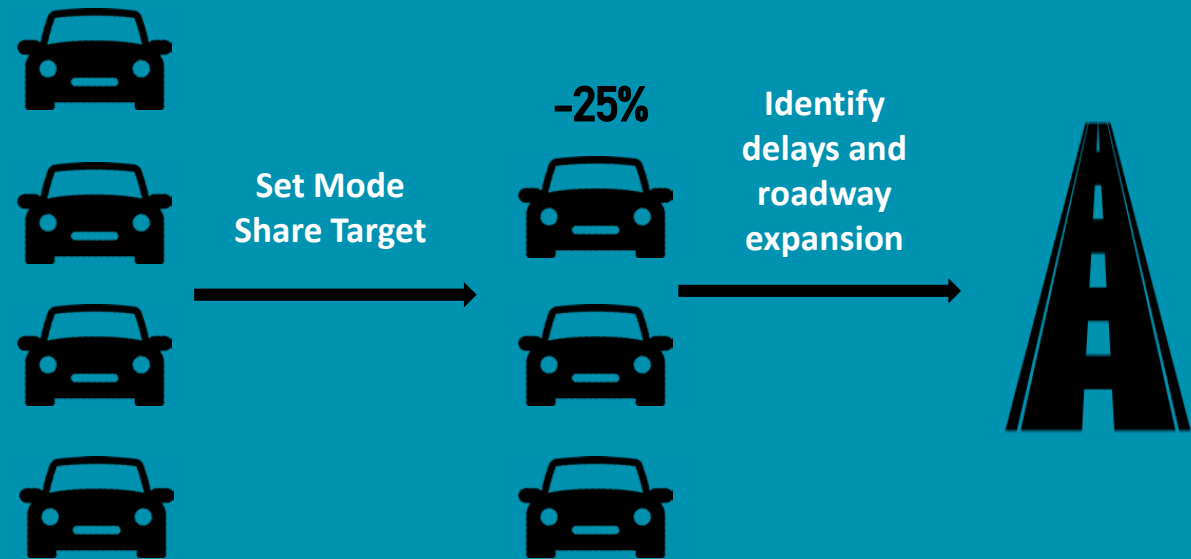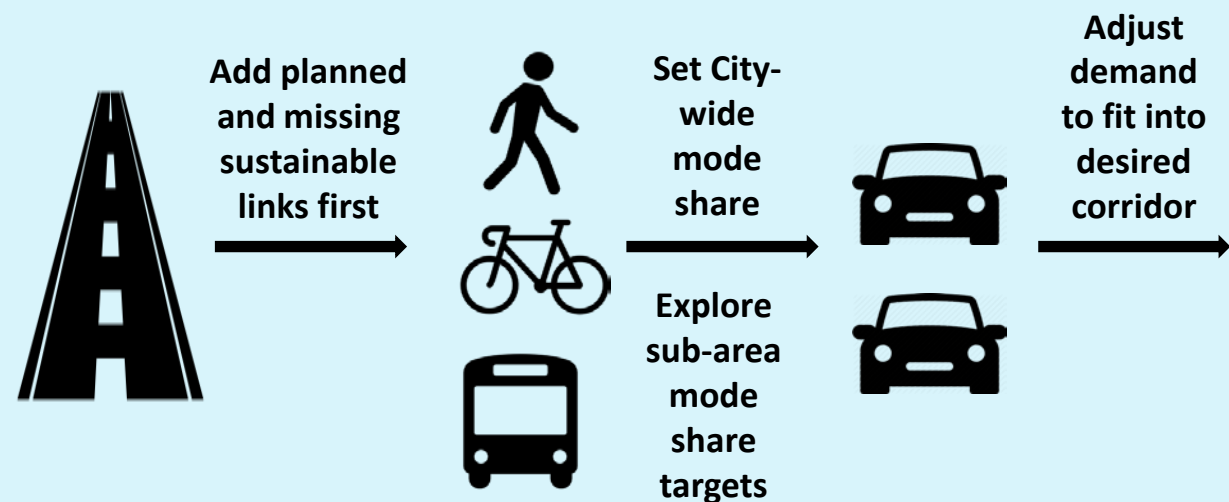
IMP Approach – Integration of Modal Plans

Traditional TMP

Solution   Solution   Solution

What Burlington IMP will do

Vision and Goals

Identify Complete Streets

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Project Progress

1. Project Launch

✔ **Completed Fall 2020**

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2. Establishing Vision and Values

Will wrap up January 2021

WE ARE HERE

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3. Enabling Strategy

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4. Network Design

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5. Implementation Plan

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6. Preparing for the Future
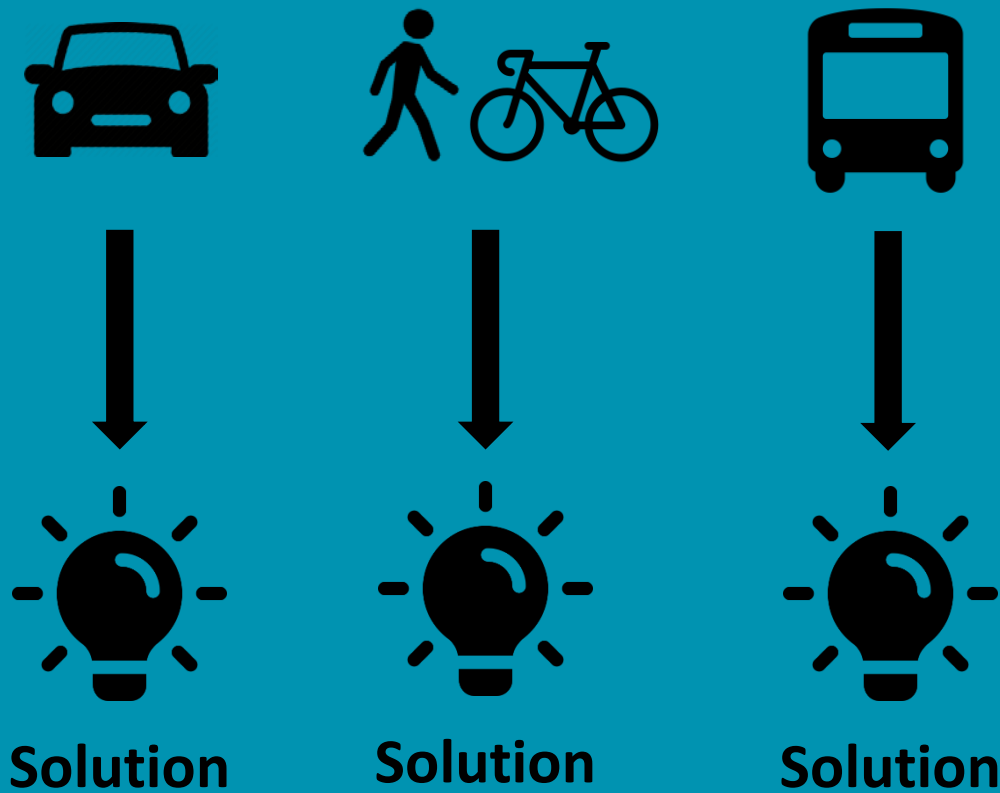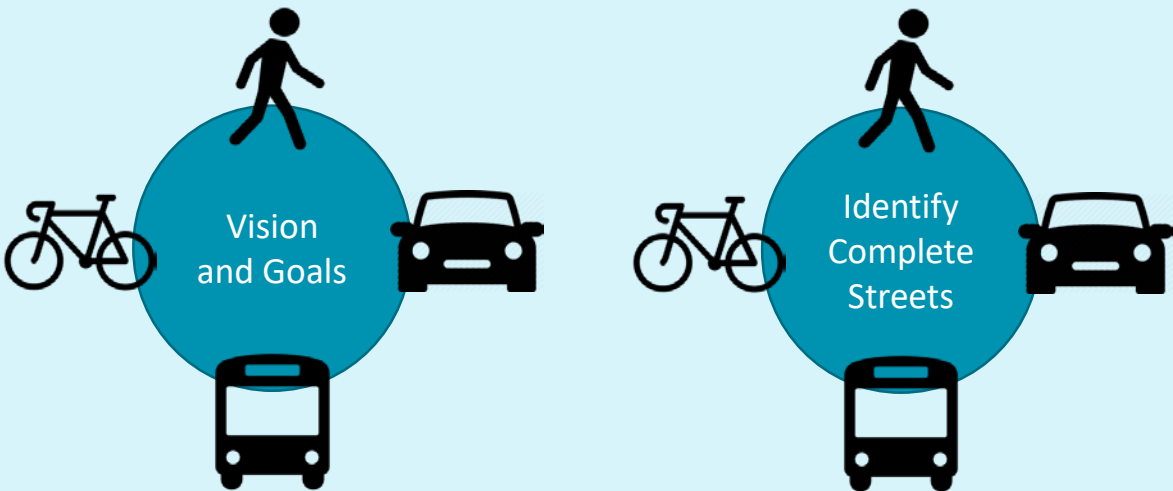
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Existing Transportation Conditions – Work Completed to Date

Existing Policies	**Existing Programs**
Existing Networks	**Existing Demands**

Existing Demands

Daily Trip Origins in Burlington

Mode	Percent
School	1.8%
Car (passenger)	13.5%
Car (driver)	75.5%
Walk/Bike	6.2%
Walk	5.2%
Bike	1.0%
GO	1.3%
Bus	1.6%

Car: 89%
Bus: 2.9%
Bike: 1.0%
Walk: 5.2%

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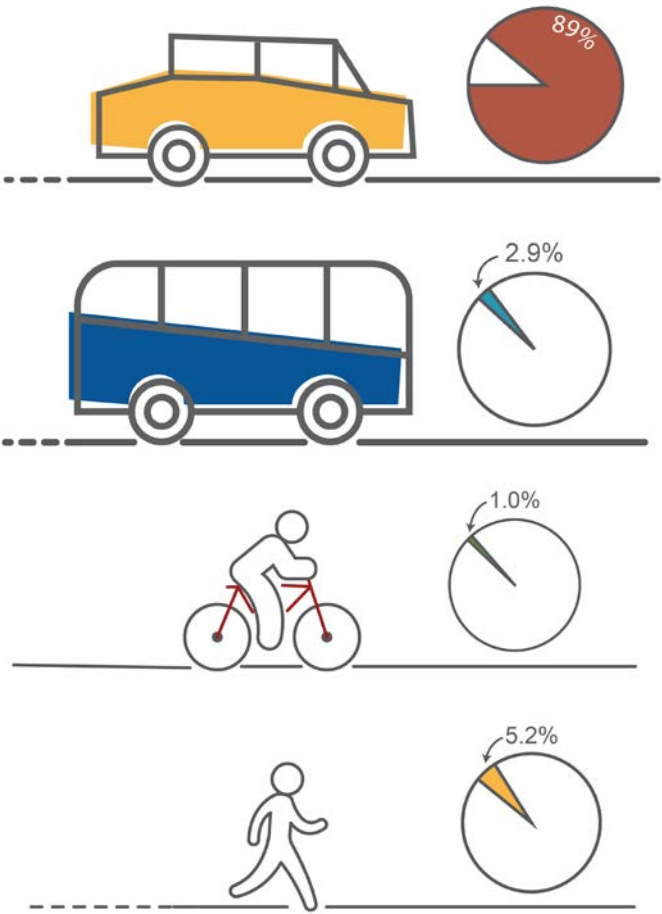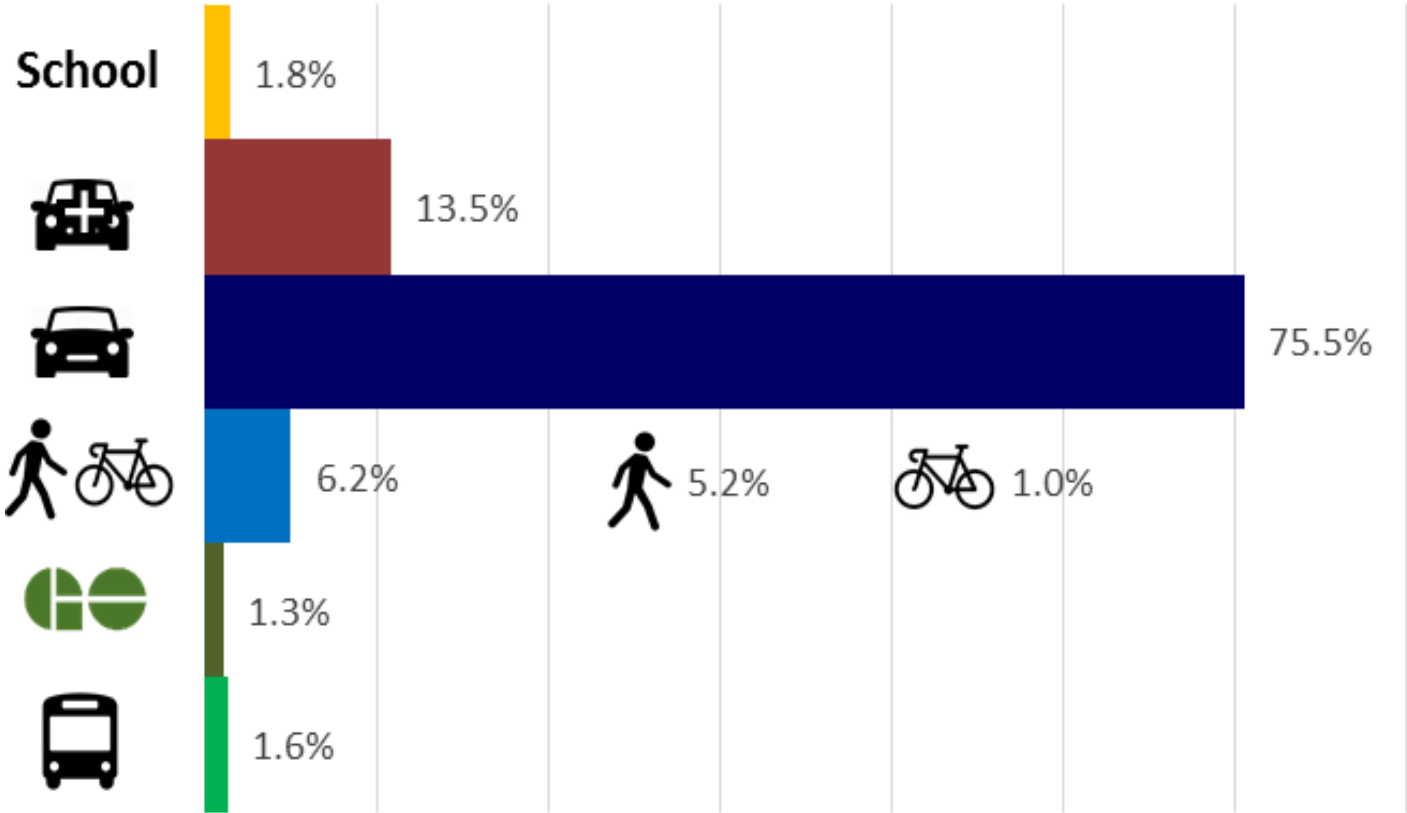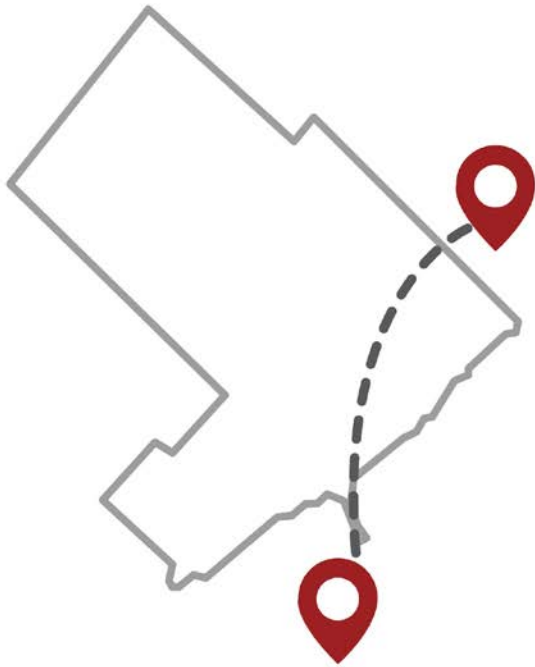
When and Why People Travel
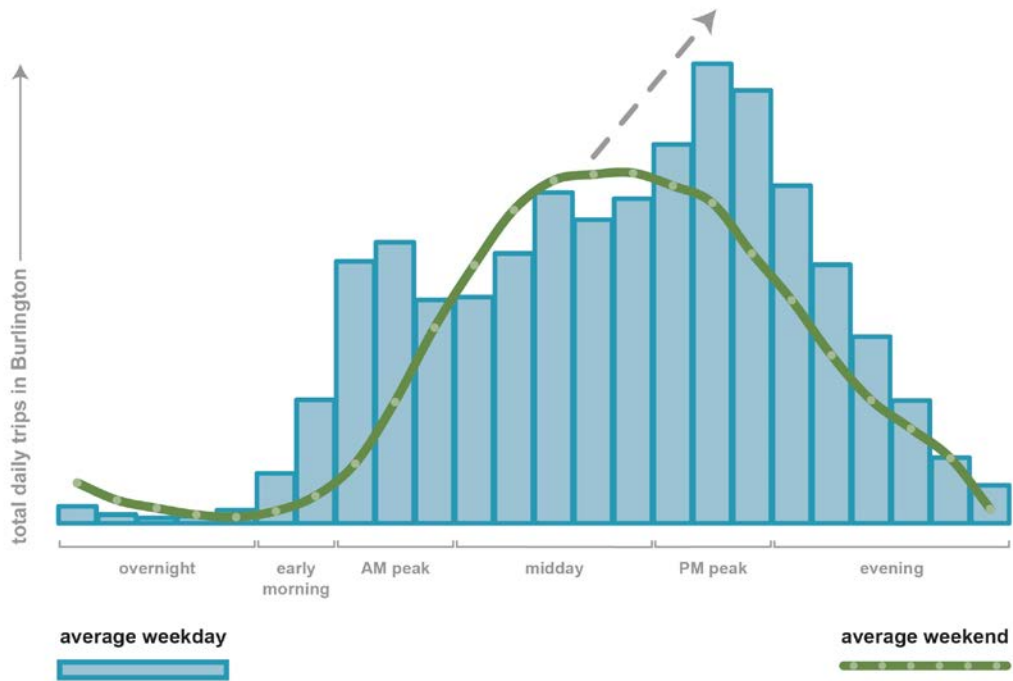
The busiest times of day to travel are during the PM Peak and midday period, which are both busier than the morning commute.
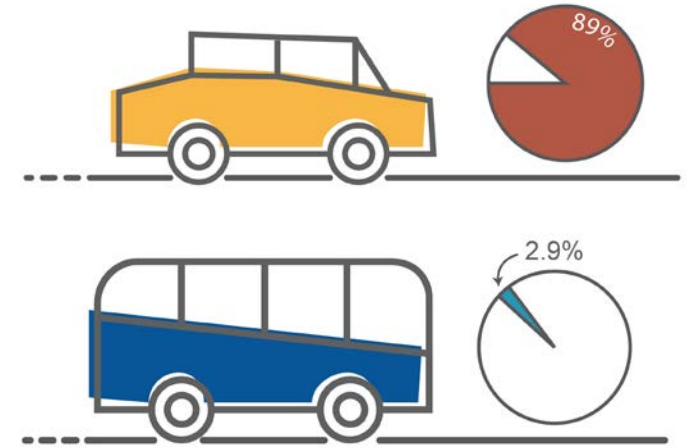
The majority of trips during the PM peak period are for shopping, services, and recreation.

Resident Travel and Through Travel

23% of PM Peak trips in Burlington travel through the city without an origin or destination within Burlington.

89%
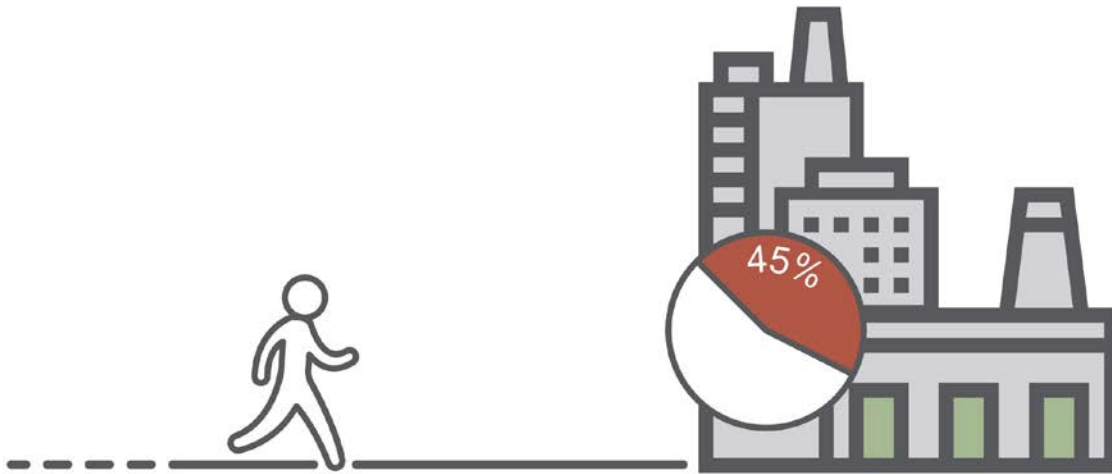
2.9%

Cycling in Burlington

The average distance that most people are willing to cycle is

8km or less.

63% of total trips made within Burlington are less than 8km, which presents an opportunity to increase the number of cycling trips.
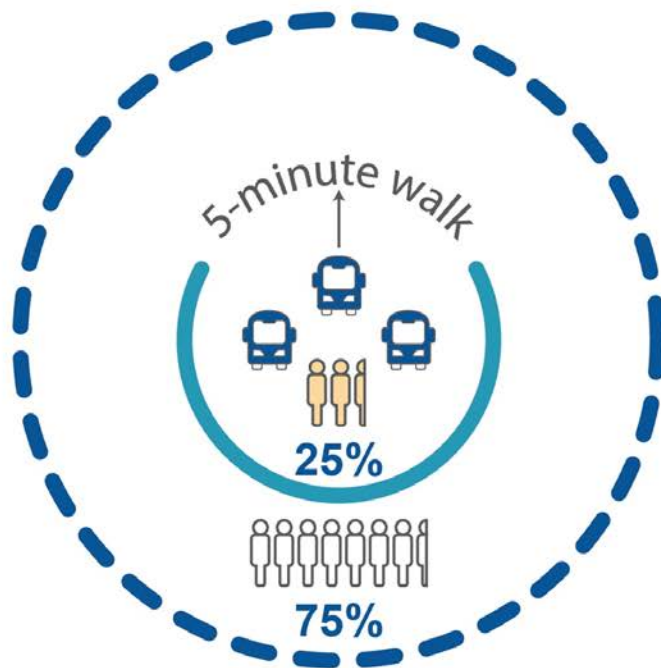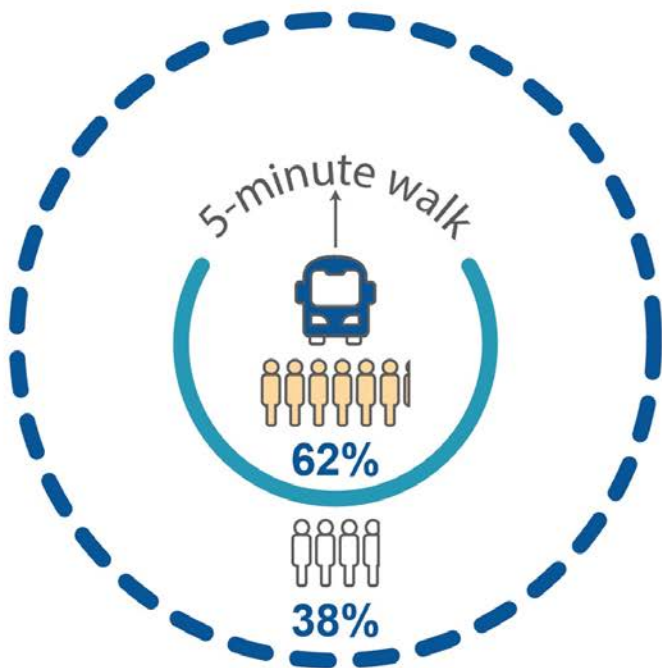
Pedestrian Connectivity

5.2%

2.9%

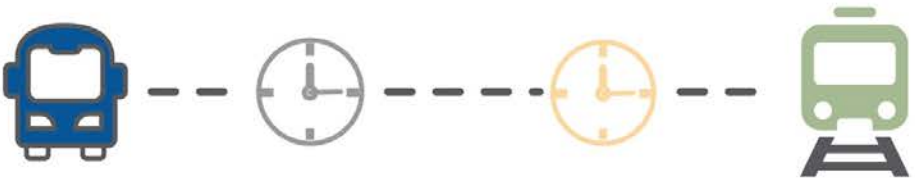**45%** of roads in the industrial areas adjacent to the QEW do not have sidewalks.

26% of local residential roads do not have sidewalks. These are mainly in the older neighbourhoods in Burlington south of the QEW.

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Access to Transit

Convenience of Transit

On average, when compared to driving, it takes...

2.9%

...**two times** longer to travel by bus from various parts of the city to one of the three GO Stations

...**three times** longer to travel by bus from various parts of the city to major employment areas (QEW Prosperity Corridor, downtown Burlington)

...**two times** longer to travel by bus from various parts of the city to major retail areas (Mapleview Mall, downtown Burlington, SmartCentres)

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Work Completed on the Vision and Values

- Transportation *vision* and *values* define the desired future state for transportation in Burlington

- We've rooted the IMP *vision* and *values* in strategic documents and directions that City has committed to, including the:

  - Official Plan
  - Climate Action Plan
  - Transit Business Plan

  - Vision to Focus
  - 25-Year Strategic Plan

- The *vision* and *values* were tested with the public through the October/November round of engagement

Burlington IMP Vision

Mobility in Burlington will be **safe**, **accessible**, **sustainable**, **balanced**, and **livable**.

Value Statements

Safe
- Movement of people + goods will be safe for all modes
- Focus on safety of vulnerable users
- Move towards eliminating transportation-related deaths and serious injuries

Accessible
- Getting around will be accessible to *all ages and abilities*
- Eliminate infrastructure/ service gaps in multimodal networks
- Let people move when, where, and how they want

Sustainable
- Encourage transit, cycling, walking, and other non-car modes
- Leverage electrification potential

Balanced
- Prioritize travel by non-car modes
- Allow comfortable travel for all modes

Liveable
- Design streets to fit within their surroundings
- Use streets to support the environment and character in surrounding neighbourhoods

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Public Engagement

Online Survey

- Ran from October 15 to November 13
- 504 Respondents
- Feedback on draft Vision and Values

Survey Response Heat Map
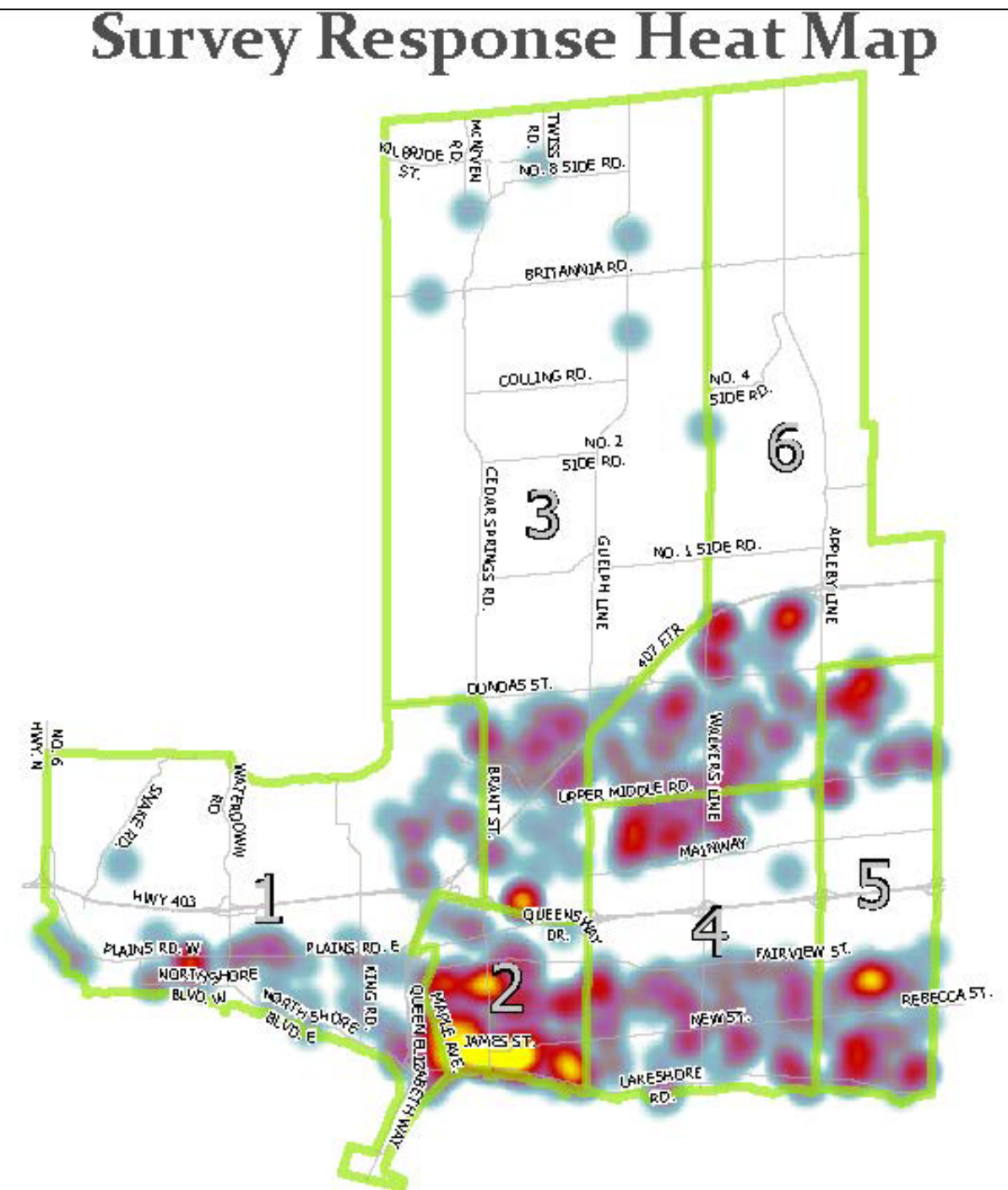
Approach to the Vision and Values Survey

- Team used the Vision and Values survey to gauge support on the:
  - Vision statement and value definitions
  - Sample actions to support a commitment to the IMP Vision and Values
- Sample actions are **not** current IMP recommendations

For example, sample actions to support the value "sustainable" could be:
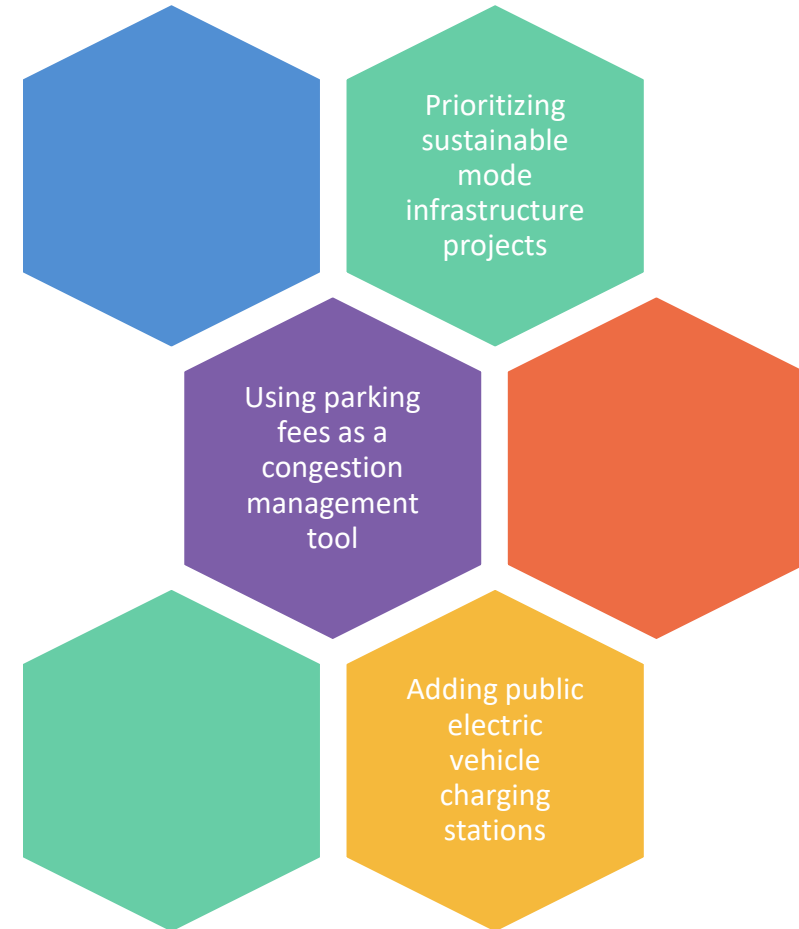
Summary of Stage 1 Engagement

Support for

- Street design to match the surrounding context and character
- Prioritizing infrastructure for transit, cycling and walking from the start
- Protecting vulnerable users
- Improving the connectivity of the transportation network
- Infrastructure that allows for transportation by any mode

Less Support for

- Redirecting the budget toward sustainable transportation options
- Implementing parking fees in congested areas
- Taking away space for cars

Roles of the *Vision*, *Values*, and *Goals*

Vision
- The desired future state

Values
- Foundational elements of the desired future

Goals
- Stem from *vision* and *values*

Goals form the foundation for:
- Problem Statements
- Evaluation Criteria for Alternative Solutions
- Prioritization of Actions

IMP Goals

Alignment with Values
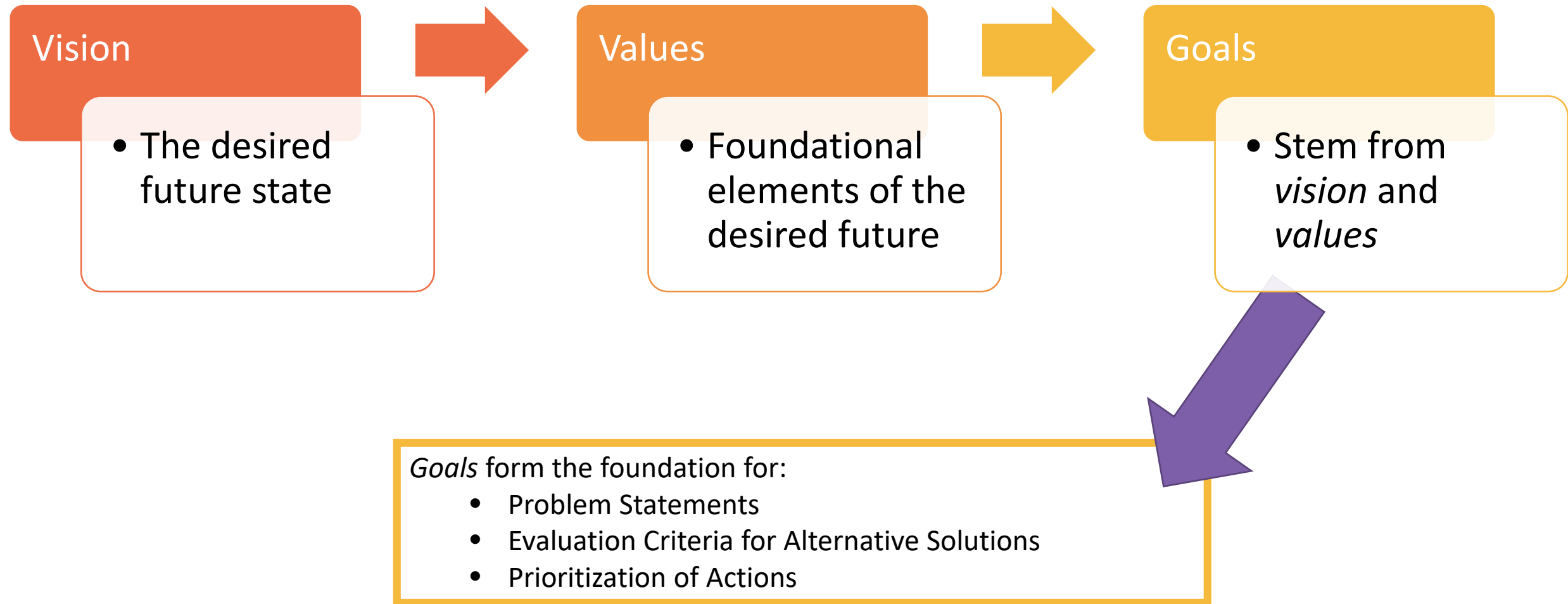
1. Burlington will eliminate transportation-related deaths and serious injuries.

Safe

2. Burlington's transportation system will be accessible and reliable for users regardless of factors like age, ability, income, or familiarity with the city.

Accessible **Balanced**

3. Burlington will provide high-quality transportation options to move people and goods wherever and whenever.

Balanced

4. Burlington will eliminate transportation-related carbon emissions.

Sustainable **Balanced**

5. Burlington's streets will support the intended roles of the communities they run through and help these communities prosper.

Liveable

6. Burlington will actively plan for the transportation changes of tomorrow while continuing to deliver great service today.
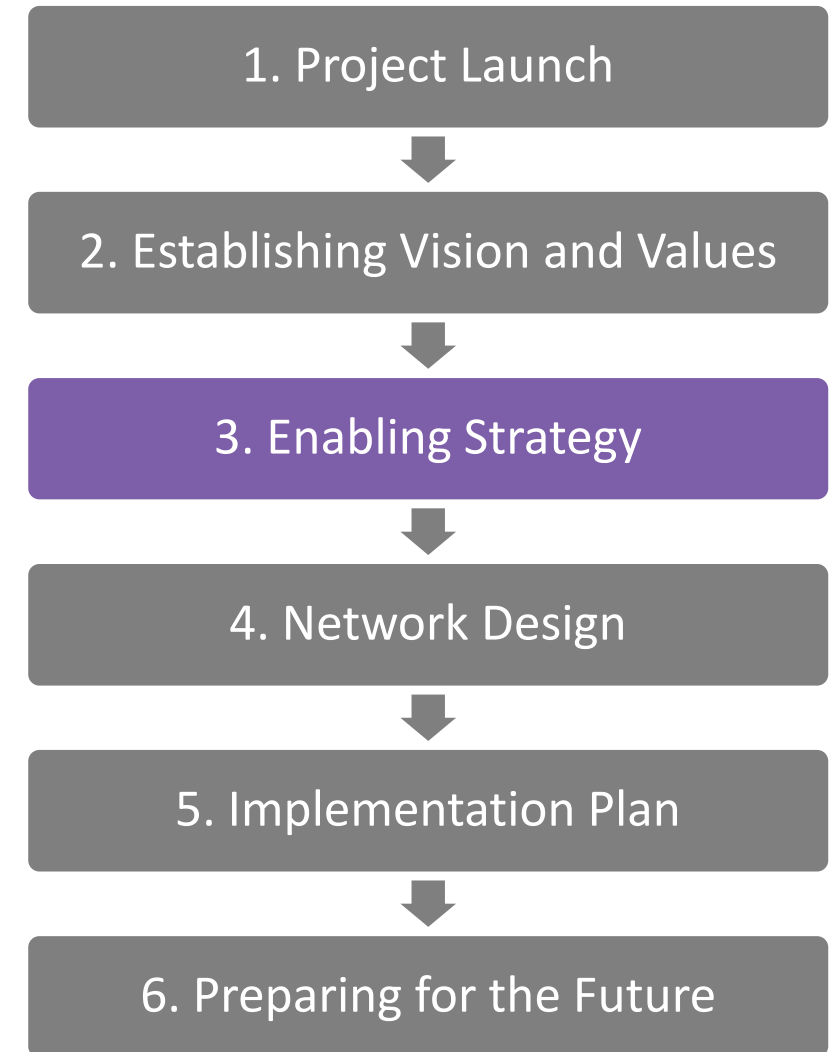
Sustainable **Balanced**

Interactive Mural Session

Switch to Mural Exercise

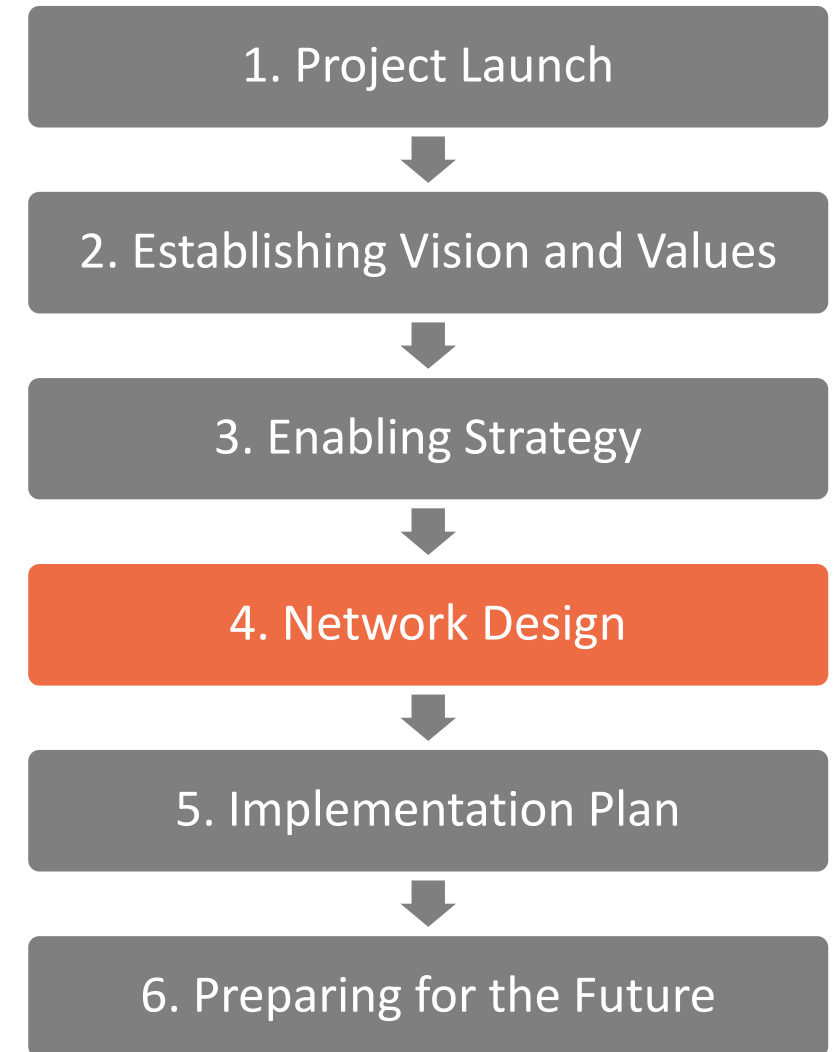# Next Steps for the IMP – Enabling Strategy

Enabling Strategy (Ongoing)

- Existing conditions work to be finalized in **January/February 2021**
- Identification of strategic priorities for the IMP using lived experience stories to be completed in **March 2021**
  - Both pieces going to public for engagement in **April 2021**
- "Map Your Feedback" is going live mid-December 2020 to late-January 2021
  - Feedback will help identify gaps/required areas of improvement for Network Design stages

1. Project Launch

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Next Steps for the IMP – Network Design

Network Design (Commencing February 2021)

- Will identify transportation system Problem Statements
  - Based on identified gaps (from analysis and public) and existing misalignment with the IMP *goals*
- Will develop ultimate future priority network options for different modes (Alternative Solutions)
- Will identify policies and programs that will help solve the Problems
- Will present options to the public in **July 2021**

1. Project Launch

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2. Establishing Vision and Values

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6. Preparing for the Future

Closing Remarks