

Appendix A

Team Members

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Scope of Work

Introduction

Step Up Studio is a team of Master's in Urban and Regional Planning (MURP) students from Portland State University, specializing in land use, transportation, economic development and community development. The team brings a diverse set of interests and skills well-suited for developing a pedestrian plan that reflects Tigard's community values and leverages the city's exceptional trail network to support the pedestrian components of active transportation.

Destination walkability is for utilitarian purposes. Examples include walking to work, school, church, stores or transit. These are trips that can replace vehicle trips if the urban form, pedestrian infrastructure, comfort level, and policies and programs are in place to encourage them.

Step Up Studio will utilize a variety of community engagement techniques, data collection methods, and case study research to characterize Tigard's neighborhood types and develop strategies best suited for each.

Problem Statement

Many neighborhoods in Tigard are designed for automobile travel, and very little consideration was given to the needs of walkers. Urban form, infrastructure, and policy and program barriers impede Tigard from being a more walkable city.

Purpose Statement

This workshop project will produce a pedestrian plan with walkability strategies for different residential neighborhood types in Tigard that make walking a more viable and appealing travel alternative for residents.

With this plan Step Up Studio intends to address the following questions:

Who are the likely users of a neighborhood pedestrian network and why?

What lessons can be learned from other cities that will make Tigard's residential neighborhoods more pedestrian friendly?

How can the city's existing trail network better integrate with residential neighborhoods?

Project Description

In conjunction with the City of Tigard, Step Up Studio will develop a neighborhood pedestrian plan that includes strategies to encourage pedestrian connections to schools, local businesses, activity centers, parks, and the city's network of off-street trails.

The planning product delivered will:

- I. Answer questions about pedestrian vitality in the community, such as overcoming the physical and psychological constraints to walking characteristic of suburban landscapes;
- II. Asses the viability, scale and potential locations of neighborhood commercial activity;
- III. Factor the environmental and sustainability impacts of increased pedestrian activity in the community;
- IV. Recommend ways to integrate walking with other forms of active transportation, and quantify reductions in single occupancy vehicle use.

Crafting a pedestrian plan for Tigard will initially involve analysis of established criteria to select a handful of residential neighborhood types for further refinement into walkability strategies applicable to other parts of the city. An evaluation matrix will be employed to characterize distinct residential neighborhood types using criteria suggested during case study research and available GIS data layers showing:

- Age of residential development
- Out of direction travel
- Existing and planned development density
- Ratio of developed land to natural areas
- Steep slopes
- Proximity to schools, churches and transit stops

The residential land use patterns evaluated will provide the foundation for more detailed residential neighborhood analyses. Once 3-5 residential neighborhood types have been established based on GIS data, demographics, precedents and community input, strategies can be developed for each type to increase walking trips to schools, parks, and other neighborhood destinations. Articulating several neighborhood types with distinct walkability strategies is a goal shared by Step Up Studio and Tigard.

Project Phases

1. *Existing Conditions and Opportunities Analysis*
2. *Community Engagement and Strategy Formulation*
3. *Plan Development and Strategy Selection*
4. *Recommendation, Documentation, and Presentation*

Case Studies

Case Studies from cities around the world will help assess how others have approached off-street trail connectivity and inform appropriate strategies for Tigard.

Case studies will be done on cities similar to Tigard, in these ways:

- *Demographics*
- *Geography*
- *Land use*
- *Building patterns*
- *Transportation networks*
- *Travel behavior*
- *Recreational amenities*

Deliverables and Expected Outcomes

A neighborhood connectivity pedestrian plan complete with walkability strategies for different residential neighborhood types will be the final deliverable of the project. The plan will be presented for use by regional planners, academics, and city officials, and to the community at large to secure broad support for adoption. The plan will document:

- Existing conditions
- Community engagement approaches and outcomes
- Policies and actions that will enhance destination walkability in suburban neighborhoods
- Assess the sustainability impacts of increased pedestrian activity
- Recommendations to improve neighborhood connectivity
- Funding sources
- Implementation alternatives for pedestrian improvements and land use changes

The plan will include an existing conditions report, incorporating data on the area's demographics, land uses, street design, traffic, natural features, trails, parks, and activity centers. The existing conditions report will be supplemented with guidance from adopted plans, capturing historic context, policies, funding priorities, areas of need, and past public feedback. As the existing conditions report is being assembled a community engagement plan will be drafted, interested parties identified, and public meeting locations and times established. Case studies from around the world will also be compiled, demonstrating the experience and best practices of other communities pursuing better pedestrian connectivity in suburban neighborhoods.

The existing conditions report and community engagement results will inform the neighborhood connectivity pedestrian plan and walkability strategies for each type of residential neighborhood in Tigard. These strategies may suggest changes in Tigard's suburban landscape, like the introduction of neighborhood scale commercial activities (convenience stores, hair and nail businesses, small restaurants, etc.), new local street connections to the regional off-street trail network, and bridging physical constraints to pedestrian connectivity characteristic to historic residential street patterns. The strategies devised will indicate specific goals, expected outcomes, private sector initiatives and any recommended policy changes. They will also address how the city's existing trail network can better integrate with residential neighborhoods and serve its destination users.

Appendices

- Appendix A: Project Timeline
- Appendix B: Project Process
- Appendix C: Study Focus Area

Outreach

Step Up Studio will engage community groups in the planning process, including:

- Churches
- Voter Groups
- Senior Centers
- Neighborhood Associations
- Park and Trail Advocates
- Rotary and Kiwanis
- PTA
- Cultural Centers
- Neighborhood Involvement Committee

Neighborhood Pedestrian Plan (Tigard Walks!)

- Introduction
- Existing Conditions Report
- Community Engagement Plan
- Walkability Strategies for Neighborhood Types
- Pedestrian Network Connectivity Recommendations
- Funding Sources