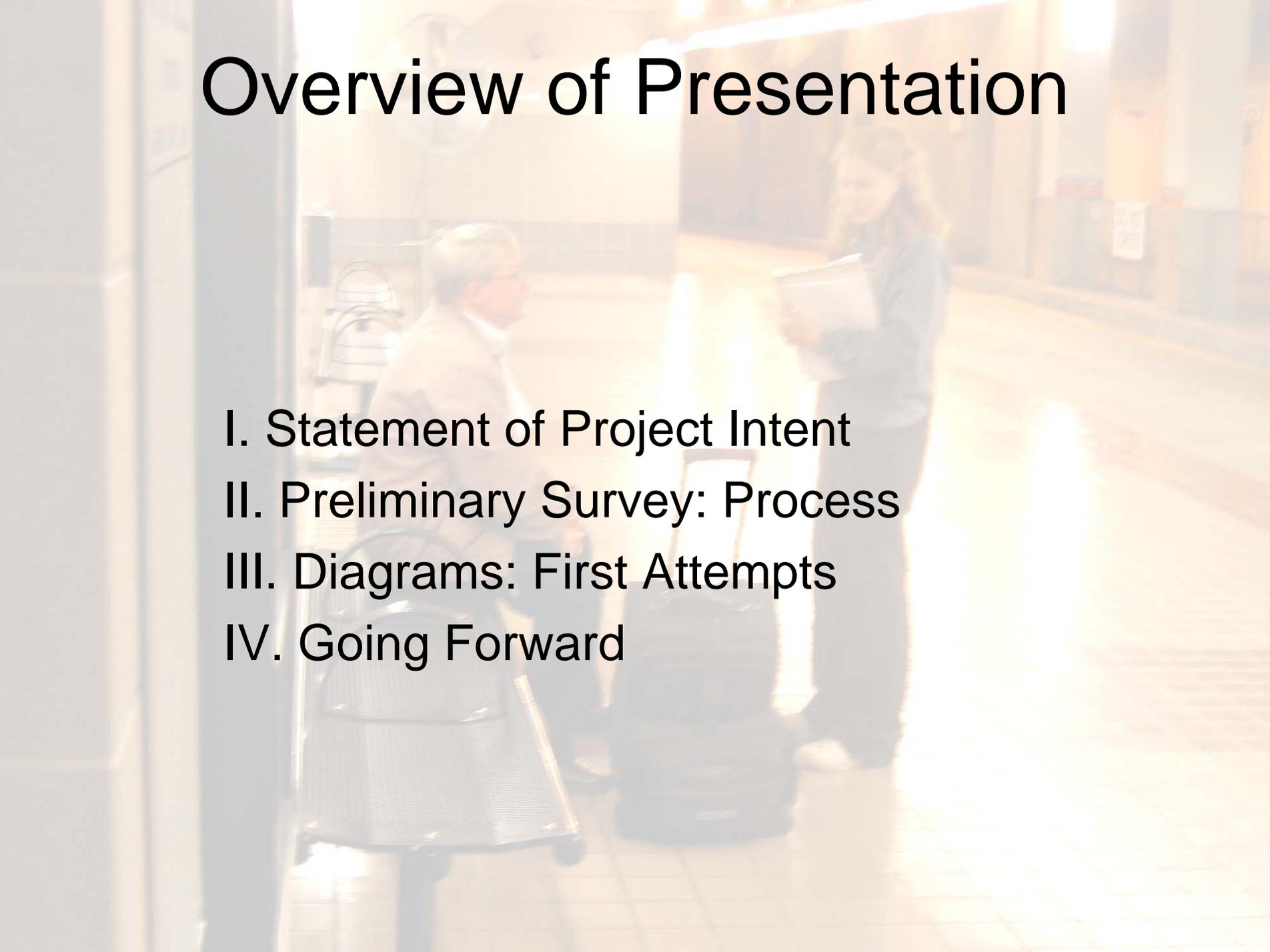
A photograph of a busy transit station hallway. The floor is tiled in a pattern of light and dark squares. Several people are walking through the hallway. In the foreground, the top of two escalators is visible. The background shows a long, brightly lit corridor with a sign that says "Exit to Street".

Mapping South Station

Charles Curran
Doug Dunlap
Alice Rosen
Young-ju Kim

Overview of Presentation



- I. Statement of Project Intent
- II. Preliminary Survey: Process
- III. Diagrams: First Attempts
- IV. Going Forward

Statement of Intent

The goal of our project is to interact with space in two different ways:

- By creating and interaction with people within space through the process of data collection and surveying
- By redistributing the gathered information back into the space to prompt different understanding of the space and people who pass through it/occupy it

Preliminary Survey

MBTA Mapping Survey

Prepared by Master of Architecture Candidates

Massachusetts Institute of Technology

South Station Inquiry:

Where are you coming from (town/zip code)?

Where will you end up (town/zip code)?

How did you get to South Station (walk, train, T, combo)?

Will you get to your final destination the same way?

If no, how will you reach final destination (walk, train, T, combo)?

How often do you make this trip (i.e. is it ritual or occasional)?

How long did it take you (ballpark/ average)?

Personal Inquiry:

Type 1: Quantitative

How many hours of sleep do you get a night?

Where were you born?

How old are you?

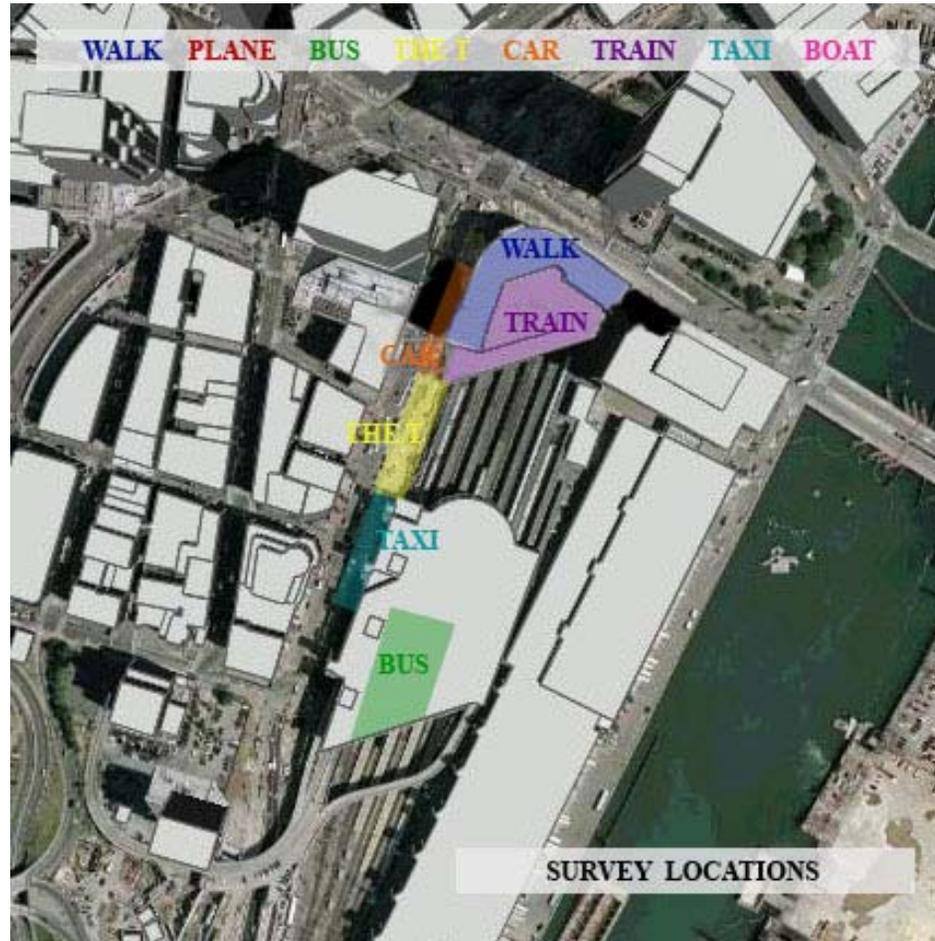
Type 2: Qualitative

What is your favorite food?

What is your dream job?

What would you like to know about the next person surveyed in this study?

Preliminary Survey



Preliminary Survey

Observations:



- Approached people in several locations of station



- Preliminary survey took place between 12:30pm – 2pm on a weekday



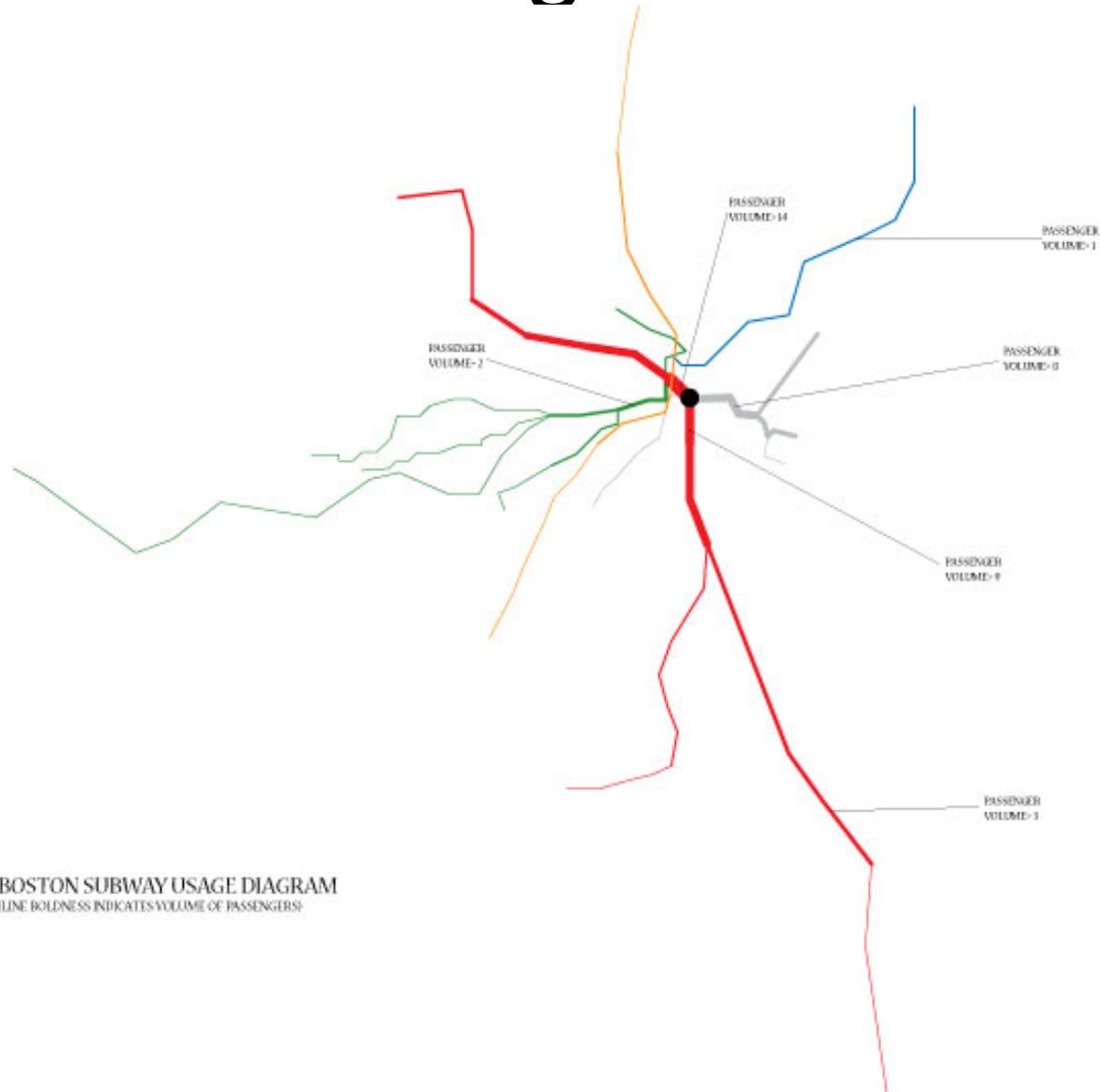
- Successfully surveyed about 50 people, which represents about 85%-90% of people approached



- People very responsive and participatory
 - Easy to approach people who were waiting
 - Difficult to approach people in transit/leaving

- MIT t-shirts served well as a way garnering trust in potential interviewees

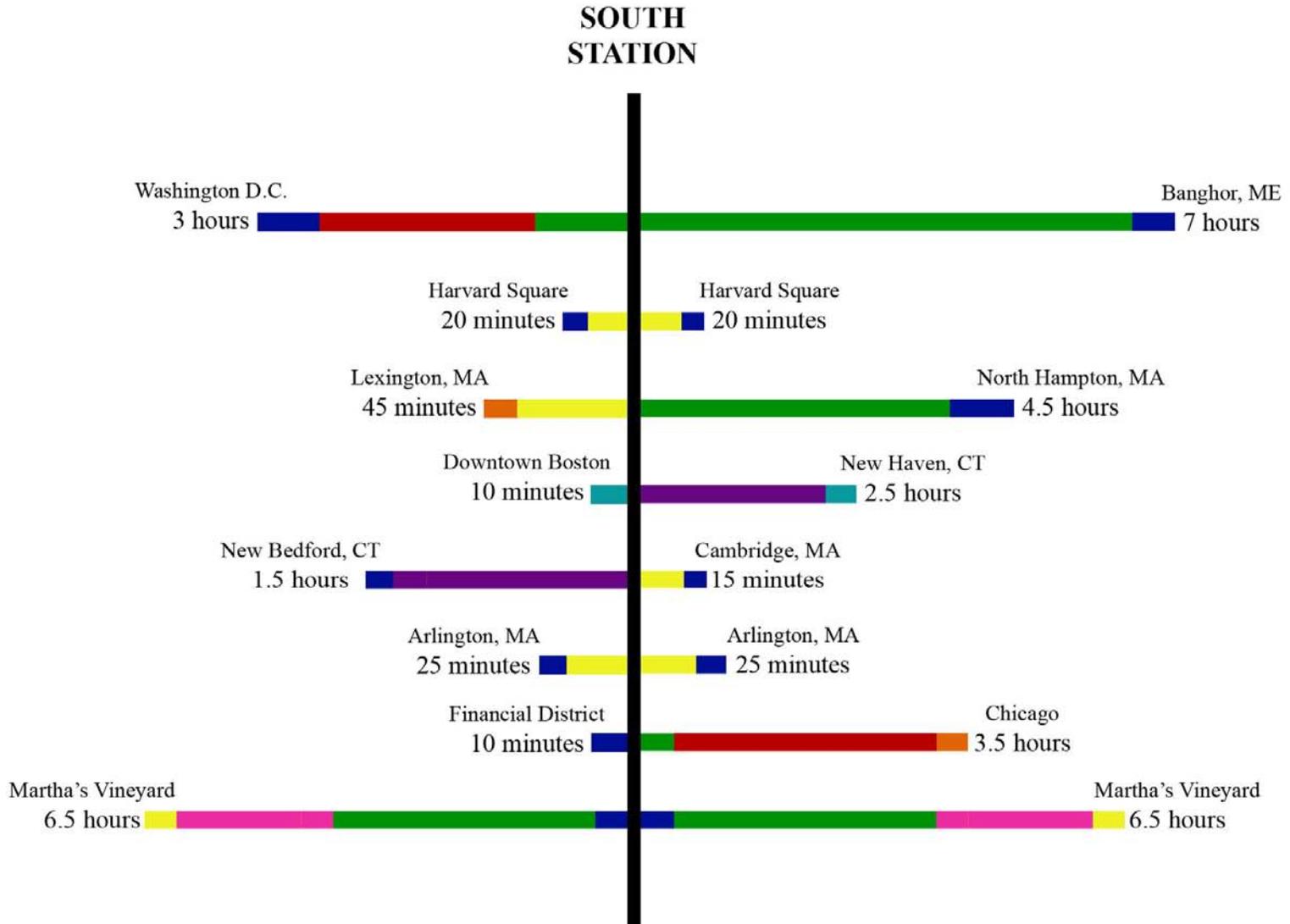
Diagrams



BOSTON SUBWAY USAGE DIAGRAM
(LINE BOLDNESS INDICATES VOLUME OF PASSENGERS)

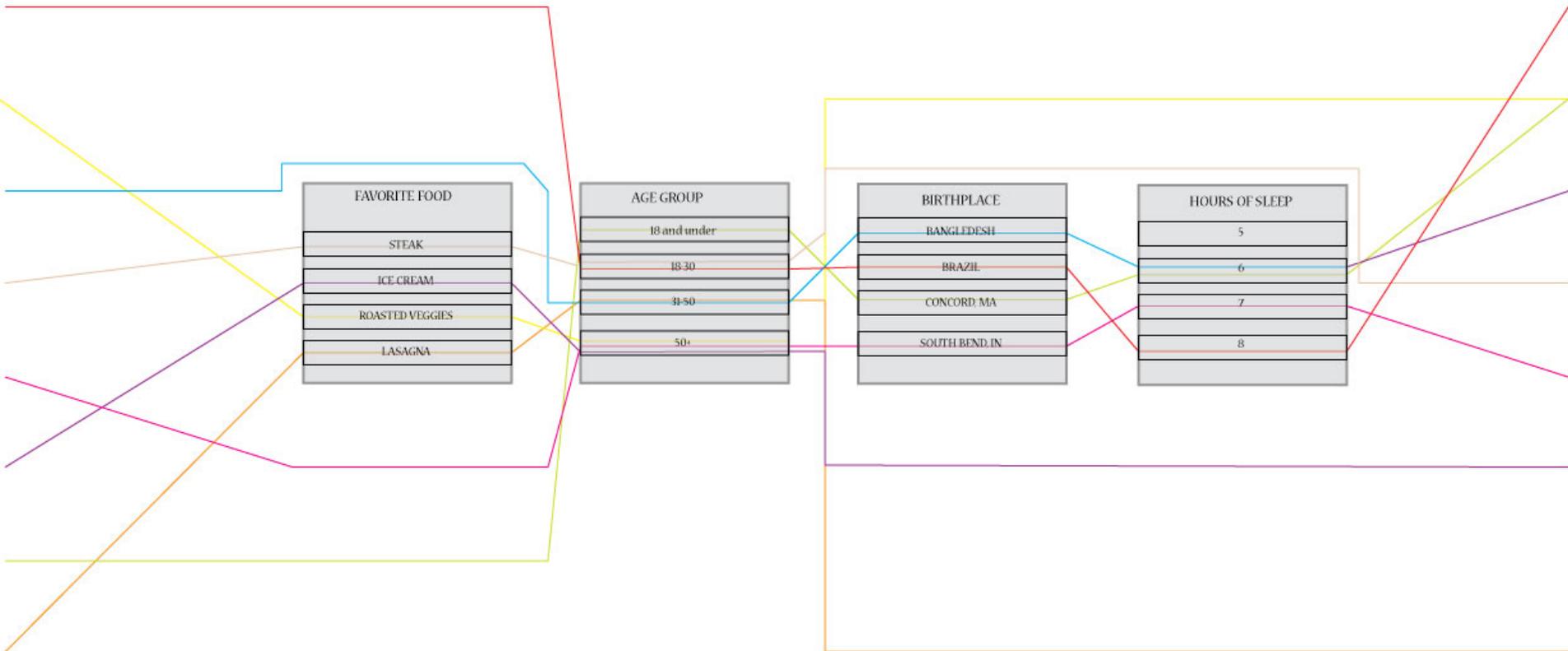
Diagrams

WALK PLANE BUS THE T CAR TRAIN TAXI BOAT



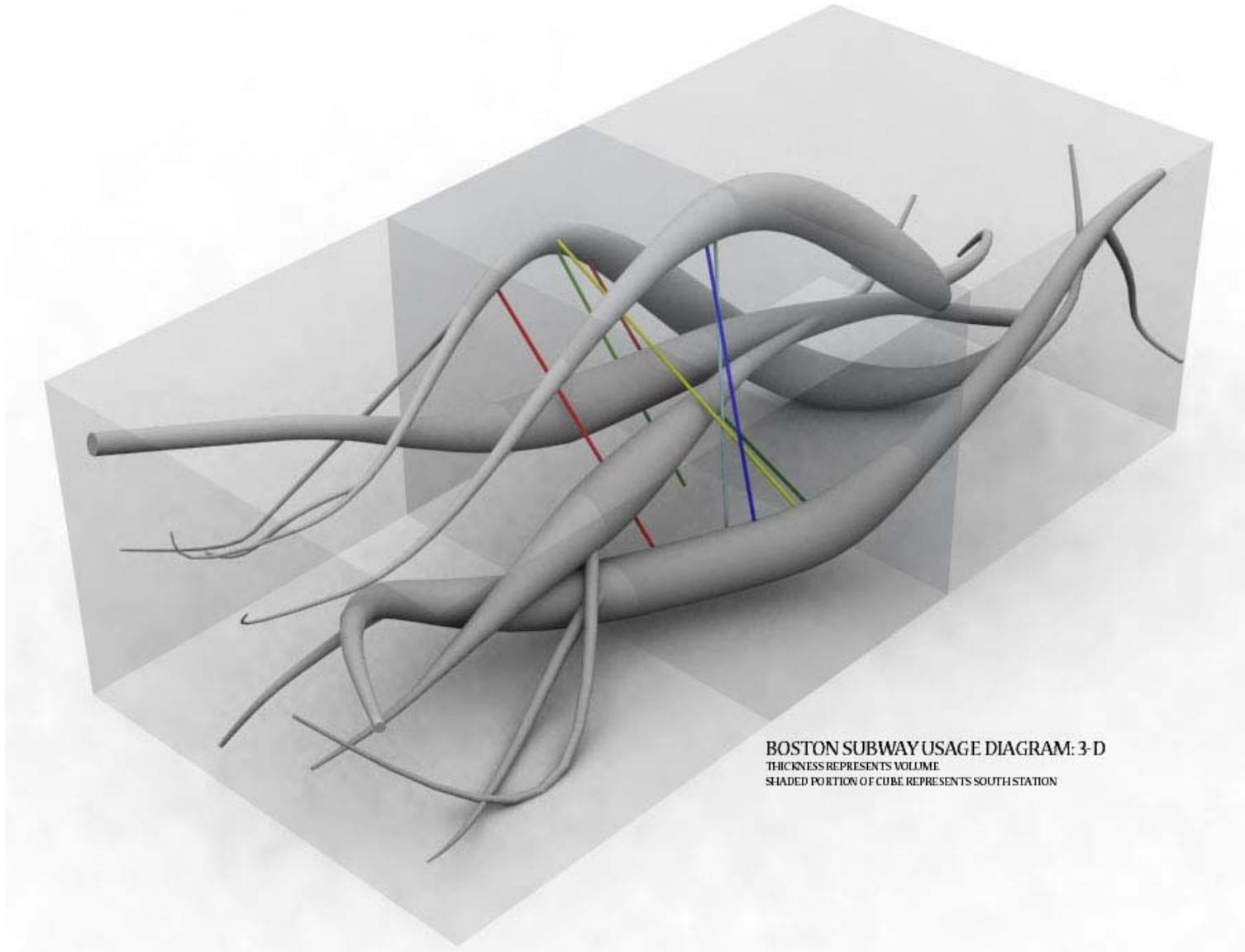
Diagrams

Flow Diagram:
Intersecting Interests and Attributes



each color represents one traveler interviewed in the study

Diagrams



Going Forward

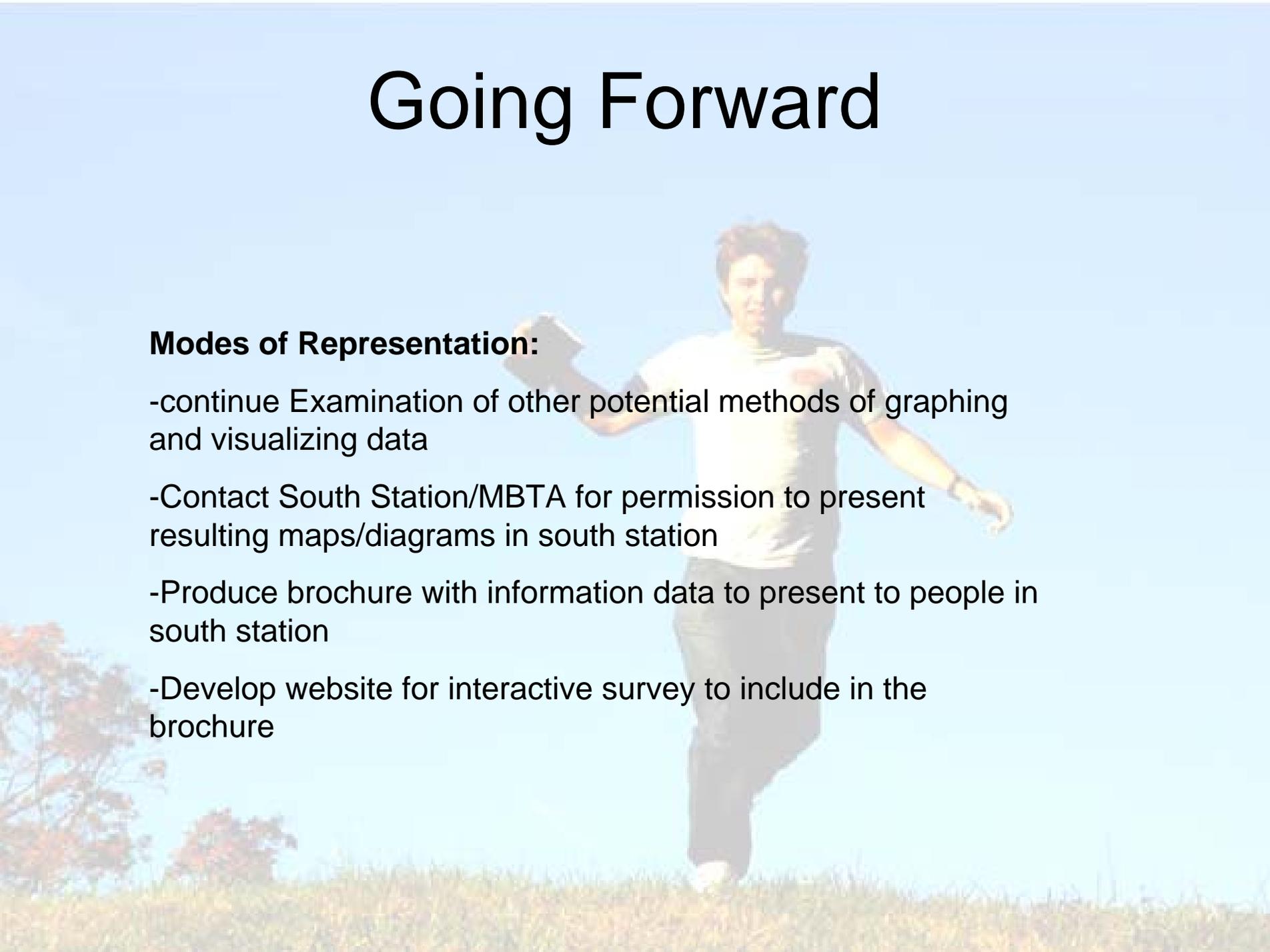
Survey Techniques:

- questionnaire itself needs some refinement to better retrieve quantifiable information
- Personal questions need to be more directed and selected with particular goal in mind
- Variables need to be better accounted for, such as time of day and its impact on age groups selected

Project Considerations

- A budget for survey materials and for modes of presentation needs to be generated

Going Forward

A man in a white t-shirt and dark pants is running on a grassy field under a clear blue sky. He is holding a tablet in his right hand and has his left arm outstretched. The background shows some trees with autumn foliage on the left side.

Modes of Representation:

- continue Examination of other potential methods of graphing and visualizing data
- Contact South Station/MBTA for permission to present resulting maps/diagrams in south station
- Produce brochure with information data to present to people in south station
- Develop website for interactive survey to include in the brochure