



**SELENA ZHEN**

# TABLE OF CONTENTS

- 03 Good and Bad Data Displays
- 05 Introduction
- 06 Concept Sketches
- 08 Black & White Mockup
- 10 Color Mockup 1
- 12 Color Mockup 2
- 15 Final Mockup & Animation

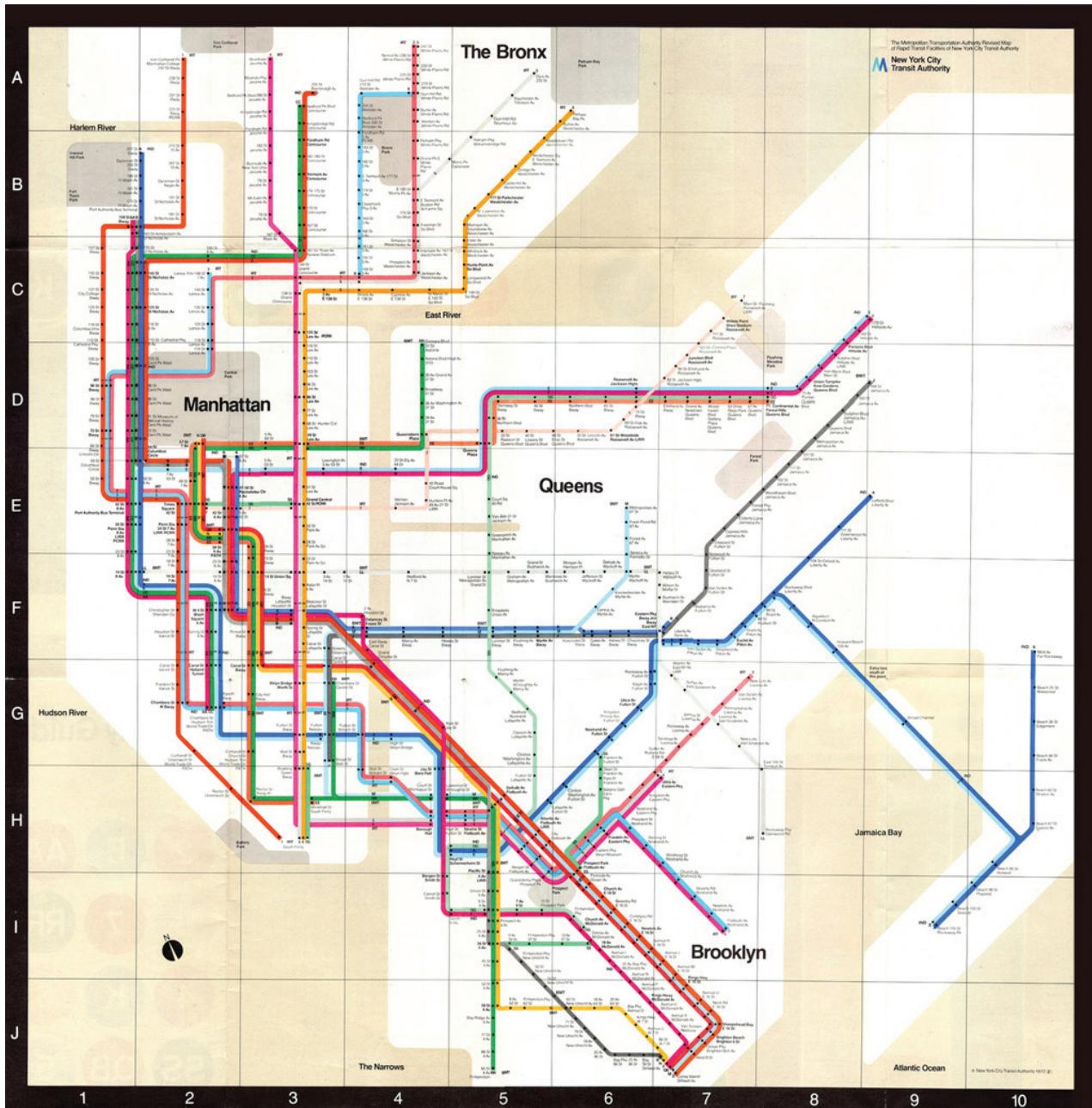
# GOOD AND BAD DATA DISPLAYS



# **NYC MTA SUBWAY SYSTEM MAP (CURRENT MAP)**

## EFFECTIVE

- design is currently used successfully by subway users
  - creates a visual connection to the world above-ground, through streets and more accurate proportions
  - reflects older historic maps (generational legacy)
  - allows users to geographically see where they are and where they want to go
  - differs from common subway map designs



**NYC MTA SUBWAY SYSTEM MAP  
DESIGNED BY MASSIMO VIGNELLI**

**INEFFECTIVE**

- design was highly criticized by users
- enhances the clarity of the subway lines using a similar diagrammatic approach as Beck's subway designs around the world
- diagrammatic approach has better peripheral understanding
- has no visual connection to the world above-ground
- distorts the proportions of the geography
- allows users to see where they are and where they want to go, but only by station names and adjacencies, not geographically

# INTRODUCTION

## DATA-DRIVEN DISPLAY: PROVIDED PROMPT

You will need to design an interactive, data-driven display that structures and presents the data in an engaging, appealing manner and meets the needs of your stakeholder and users.

We will provide you with

- A set of data about a fictional transport hub called the "Atlantis Transportation Hub" for the San Juan Islands (a real set of islands), which are located off of the coast of Washington State. The data includes information about planes, trains, and ferries.
- Personas of one stakeholder and two users, with accompanying use cases.

## DETAILS

- The hub is located in the San Juan Islands on the main island of San Juan.
- The display is only for this hub.
- The display is a data-driven interactive touchscreen, i.e., you cannot use a smartphone to interact with the screen.
- Apply basic tenets of type, color, composition, grid, information hierarchy, interactions, etc., to apply to your design.
- The aspect ratio of the file created should be 16 x 9 and saved at a resolution of 300 ppi to display for presentation.
- The display will require the use of simple animations for interactive elements and to signal data changes.
- Consider adding additional information and visual elements to enhance the experience.

# ROUGH CONCEPT SKETCHES

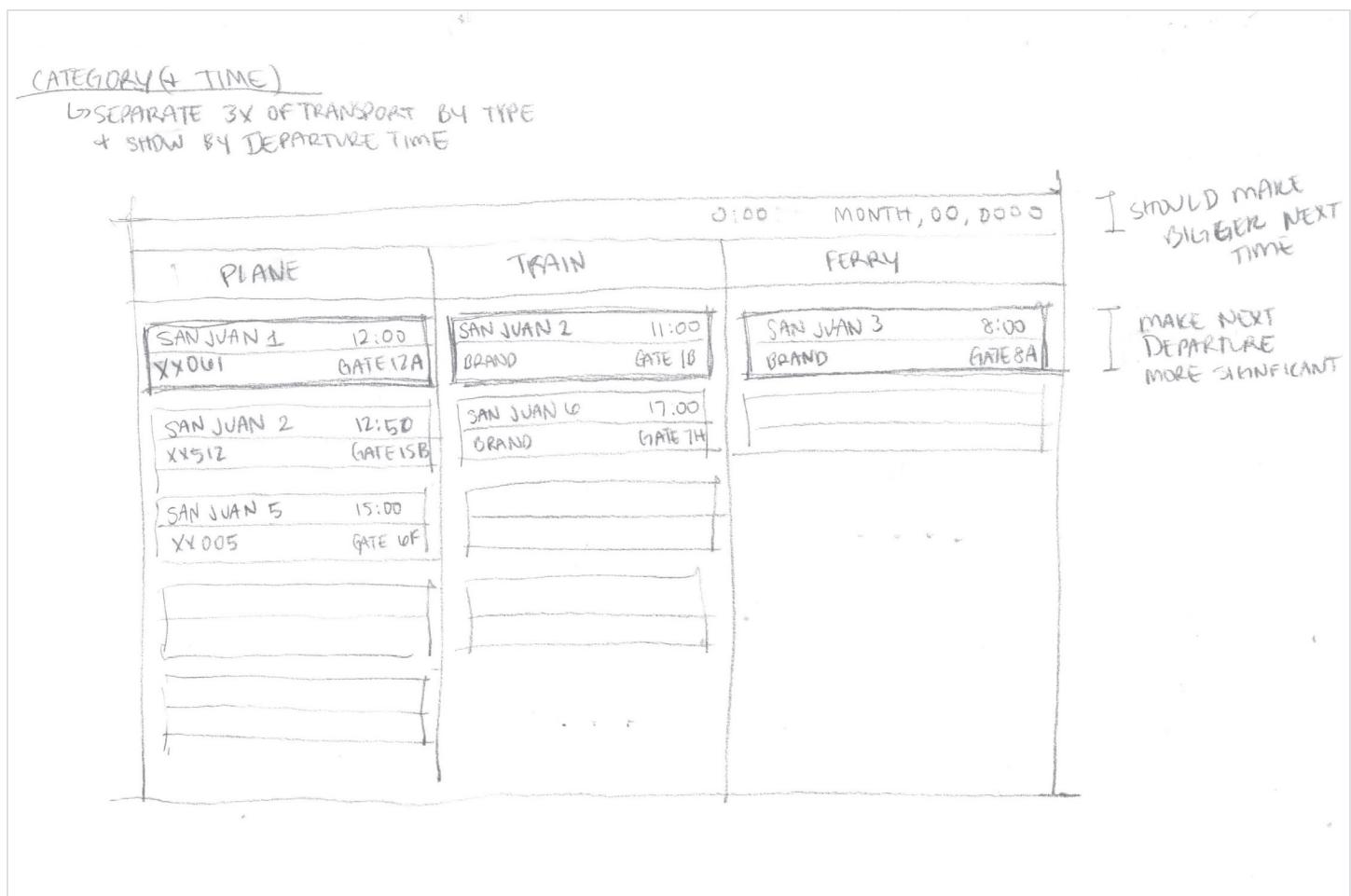
For my first concept sketches, I investigated different approaches to how to display the complex information provided in the data.

Each approach organizes the information by 1-2 methods from Richard Saul Wurman's "Five Hat Racks."

1. Location
  2. Alphabetical
  3. Time
  4. Category
  5. Hierarchy

Though each of the three concepts was able to organize the current data information, they did not address the PTF pass and did not allow a user to create an itinerary to travel through the islands.

The third option, which includes a larger map design, has the most potential to become a more complex interface, which would have to include information about the PTF pass and an itinerary scheduler.



## ALPHABETICAL (BY TIME)

↳ ORGANIZE BY DIFFERENT ISLANDS

0:00 MONTH, 00,000

SAN JUAN 1	10:00 PLANE1	UA000	GATE 5A
	15:00 PLANE 5	UA000	GATE 8B
	18:00 FERRY10	BRAND	GATE 8G

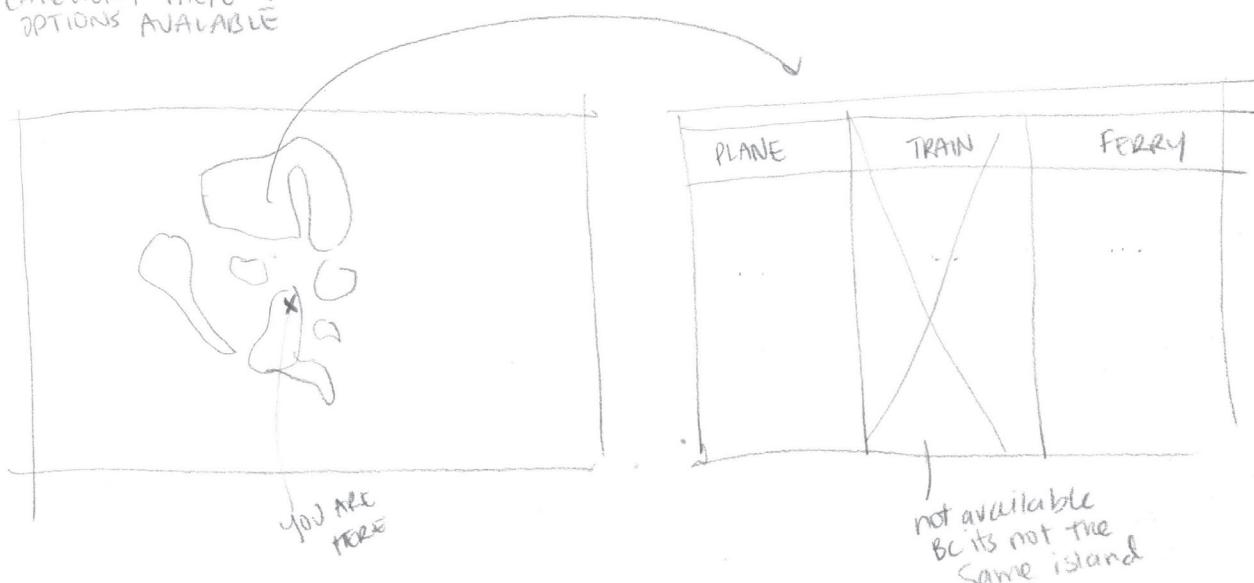
SAN JUAN 2	15:00 PLANE 1	BRAND	GATE 1H
	17:00 FERRY4	BRAND	GATE 2J
	19:00 FERRY3	BRAND	GATE 8H

SAN JUAN 3	8:00 TRAIN5	BRAND	GATE 1B
	9:00 TRAIN 10	BRAND	GATE 1D

## LOCATION + CATEGORY

- ↳ START W/ MAP OF ISLANDS
- ↳ AFTER TAPPING ON DESIRED DESTINATION, USER SEES A CATEGORY PAGE FOR OPTIONS AVAILABLE



# BLACK & WHITE MOCKUP

In the first digital black & white mockup, I focused on creating an experience for users to create an itinerary to travel through the San Juan Islands. This included:

- a map with marked locations as a way for the user to navigate the transportation hubs around the islands
- a recommended route calculator (based on the desired destinations) with automatic transfer locations
- options for travel types and details
- detailed information about each travel option
- 'print your itinerary'

**ATLANTIS TRANSPORTATION HUB**

**6:00AM**

**Where do you want to go?**

Tap a map location to start an itinerary.

**ATLANTIS TRANSPORTATION HUB**

**6:00AM**

**Recommended Itinerary Route**

RECOMMENDED ROUTE  
Some transfer locations were added to your itinerary.

0 Current Location	Train	Express	01/01	8:00a	PLA	ON TIME
Friday Harbour Airport	Flight	SJ 8332	01/01	8:40a	GATE B12	ON TIME
1 Orcas Island Airport	Flight	SJ 8335	01/03	12:00	GATE B9	ON TIME
Roche Harbour Airport	Train	Express	01/03	5:00	PLB 2	ON TIME
2 Roche Harbour	Ferry	Express	01/07	8:15	DK A	ON TIME
3 Shaw Island						FINAL DESTINATION

**CLEAR ITINERARY X**

**PRINT ITINERARY**

ATLANTIS TRANSPORTATION HUB

6:00AM

## Choose Travel Details



CLEAR ITINERARY X

FROM: Friday Harbour Airport

TO: Orcas Island Airport

## TRANSPORTATION TYPE:

- Flight
- Train
- Ferry

## CHOOSE TRAVEL:

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	WN	3227	Yes	D12	BOARDING
6:57a	Orcas Island	SJ	8341	Yes	B3	BOARDING
7:30a	Orcas Island	WN	3556	Yes	D15	ON TIME
8:40a	Orcas Island	SJ	8332	Yes	B2	ON TIME

BACK

SELECT

ATLANTIS TRANSPORTATION HUB

6:00AM

## Choose Travel Details



CLEAR ITINERARY X

&lt; BACK

## GATE B2

## ORCAS ISLAND AIRPORT

SAN JUAN AIR

CARRY-ON BAGS ALLOWED: 1

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
8:40a	Orcas Island	SJ	8332	Yes	B2	ON TIME

PROCEED TO SOUTHWEST TICKET COUNTER TO PURCHASE PLANE TICKET(S)

RETURN TO ITINERARY

# COLOR MOCKUP 1

**ATLANTIS TRANSPORTATION HUB**

**6:00AM**

**Where do you want to go?**

A grayscale map of the San Juan Islands. A dashed red line connects 'YOU ARE HERE' (Friday Harbour) to 'ORCAS ISLAND AIRPORT'. Other airports shown include Roche Harbour Airport, Yacht Haven, and Lopez Island Airport. Labels for islands like Stuart, Sucia, Malia, and Guemes are visible. A legend on the right indicates flight paths.

**CLEAR ITINERARY X**

**SEARCH ROUTES**

**DESTINATION(S)**

1 Orcas Island Airport  
+ Add Destination

**TRANSPORTATION TYPE**

Flight  
 Train  
 Ferry

**PTF PASS ELIGIBLE ONLY**

Yes  
 No

Introducing color into the mockup allowed for a greater variety of hierarchy, in addition to type hierarchy and opacity. I chose a Burnt Orange as the accent color, paired with a deep navy blue and a light blue-grey wash.

The Burnt Orange accent color was used because it invokes high energy or excitement, foreshadowing the exciting trip ahead of them. The accent color highlights the current task at hand, such as "Where do you want to go?" as well as the main call to action buttons or links on the page.

#E9633E

#34424F

#F5F5F7

**ATLANTIS TRANSPORTATION HUB**

**Where do you want to go?**

Tap a map location to start an itinerary.

**6:00AM**

**ATLANTIS TRANSPORTATION HUB**

**Where do you want to go?**

**6:00AM**

**DESTINATION(S)**

- 1 Orcas Island Airport
- + Add Destination

**TRANSPORTATION TYPE**

- Flight
- Train
- Ferry

**PTF PASS ELIGIBLE ONLY**

- Yes
- No

**CLEAR ITINERARY X**

**SEARCH ROUTES**

**ATLANTIS TRANSPORTATION HUB**

**Where do you want to go?**

**6:01AM**

**DESTINATION(S)**

- 1 Orcas Island Airport
- 2 Roche Harbour
- + Add Destination

**TRANSPORTATION TYPE**

- Flight
- Train
- Ferry

**PTF PASS ELIGIBLE ONLY**

- Yes
- No

**SEARCH ROUTES**

**ATLANTIS TRANSPORTATION HUB**

**Where do you want to go?**

**6:02AM**

**DESTINATION(S)**

- 1 Orcas Island Airport
- 2 Roche Harbour
- 3 Shaw Island
- + Add Destination

**TRANSPORTATION TYPE**

- Flight
- Train
- Ferry

**PTF PASS ELIGIBLE ONLY**

- Yes
- No

**CLEAR ITINERARY X**

**SEARCH ROUTES**

**ATLANTIS TRANSPORTATION HUB**

**Recommended Itinerary Route**

**6:03AM**

**RECOMMENDED ROUTE**  
Some transfer locations were added to your itinerary.

- 0 Current Location
- 1 Orcas Island Airport
- 2 Roche Harbour
- 3 Shaw Island

**CHOOSE TRAVEL**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	WN	3227	Yes	D12	BOARDING
6:57a	Orcas Island	SJ	8341	Yes	B3	BOARDING
7:30a	Orcas Island	WN	3556	Yes	D15	ON TIME
8:40a	Orcas Island	SJ	8332	Yes	B2	ON TIME

**CLEAR ITINERARY X**

**ATLANTIS TRANSPORTATION HUB**

**Choose Travel Details**

**6:04AM**

**FROM:** Friday Harbour Airport  
**TO:** Orcas Island Airport

**TRANSPORTATION TYPE:**

- Flight
- Train
- Ferry

**CHOOSE TRAVEL:**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	WN	3227	Yes	D12	BOARDING
6:57a	Orcas Island	SJ	8341	Yes	B3	BOARDING
7:30a	Orcas Island	WN	3556	Yes	D15	ON TIME
8:40a	Orcas Island	SJ	8332	Yes	B2	ON TIME

**CLEAR ITINERARY X**

**BACK**

**SELECT**

**ATLANTIS TRANSPORTATION HUB**

**Choose Travel Details**

**6:05AM**

**GATE B2**

**ORCAS ISLAND AIRPORT**

**SAN JUAN AIR**

CARRY-ON BAGS ALLOWED: 1

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
8:40a	Orcas Island	SJ	8332	Yes	B2	ON TIME

PROCEED TO SOUTHWEST TICKET COUNTER TO PURCHASE PLANE TICKET(S)

**RETURN TO ITINERARY**

**CLEAR ITINERARY X**

**ATLANTIS TRANSPORTATION HUB**

**Recommended Itinerary Route**

**6:06AM**

**RECOMMENDED ROUTE**  
Some transfer locations were added to your itinerary.

- 0 Current Location
- 1 Orcas Island Airport
- 2 Roche Harbour
- 3 Shaw Island

**CHOOSE TRAVEL**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
01/01 08:00a	PLA					ON TIME
01/01 08:40a	GATE B12					ON TIME
01/03 12:00	GATE B9					ON TIME
01/03 5:00	PL B2					ON TIME
01/07 8:15	DK A					ON TIME

**FINAL DESTINATION**

**PRINT ITINERARY**

# COLOR MOCKUP 2

**ATLANTIS TRANSPORTATION HUB**

**Where do you want to go?**

Tap a map location to start an itinerary.



The map shows the San Juan Islands with several locations marked: Orcas Island Airport, Roche Harbour, Lopez Island, Shaw Island, Friday Harbour, and Stuart Island Airport. A red pin labeled "YOU ARE HERE" is placed on the map near Friday Harbour.

**DEPARTURES**

6:00AM

FLIGHTS						
Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8009	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

TRAINS						
Time	Stops	Platform	Status			
8:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME			
8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME			
11:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME			
11:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME			
2:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME			

FERRIES						
Time	Destination	Arrival Time	Connection	Dock	Status	
6:00a	Lopez Island	6:25a	No	A	DEPARTING	
6:15a	Shaw Island	6:45a	Yes	B	BOARDING	
7:00a	Orcas Osland	7:20a	Yes	B	ON TIME	
8:00a	Lopez Island	8:25a	No	A	ON TIME	
8:15a	Shaw Island	8:45a	Yes	B	ON TIME	

**ATLANTIS TRANSPORTATION HUB**

**Choose your travel details.**



The map shows a travel route starting at Friday Harbour (labeled 1), going to Roche Harbour (labeled 2), then to Shaw Island (labeled 3), and finally to Orcas Island Airport. A red pin labeled "YOU ARE HERE" is placed on the map near Friday Harbour.

**DEPARTURES**

6:00AM

FLIGHTS						
Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8009	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

TRAINS						
Time	Stops	Platform	Status			
8:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME			
8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME			
11:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME			
11:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME			
2:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME			

FERRIES						
Time	Destination	Arrival Time	Connection	Dock	Status	
6:00a	Lopez Island	6:25a	No	A	DEPARTING	
6:15a	Shaw Island	6:45a	Yes	B	BOARDING	
7:00a	Orcas Osland	7:20a	Yes	B	ON TIME	
8:00a	Lopez Island	8:25a	No	A	ON TIME	
8:15a	Shaw Island	8:45a	Yes	B	ON TIME	

12

The second color mockup integrated the terminal data information provided in the prompt into the current design, by moving the itinerary scheduler to the left half of the screen, and placing the current information about flights on the right. This allowed multiple users to interact with the display; they could view the current transportation information at a glance while another user could use the itinerary scheduler.

Because the itinerary scheduler was now given less screen real estate, a lot of thought was given to only displaying important information in the "Recommended Route" page, which gives users a step-by-step travel itinerary, along with transfer stops. The map decreased in size

in order to allow sufficient space for "Choose Travel Options," and to read instructions.

The Burnt Orange accent color continued to highlight important call to actions or links that the user should utilize.

This mockup also provides more of an experience to printing ones' itinerary, by instructing them to attend to the ticket desk for actual purchase of the transportation tickets, as the itinerary printout is not a ticket itself.

## Choose your travel details.

**0 Current Location**

Train Express 01/01 8:00a

Flight Friday Harbour Airport

**1 Orcas Island Airport**

Flight SJ 8332 01/01 8:40a

**2 Roche Harbour**

Flight SJ 8335 01/03 12:00

Train Express 01/03 5:00

**3 Roche Harbour**

Ferry Express 01/07 8:15



PRINT

**Print your itinerary and proceed to the ticket desk for transport ticket purchases.**

**ATLANTIS TRANSPORTATION HUB**

**CLEAR ITINERARY**

Select Your Destinations

**DESTINATION(S)**

1 Orcas Island Airport

+ Add Destination

TRANSPORTATION TYPE

- Flight
- Train
- Ferry

PTF PASS ELIGIBLE ONLY

Yes  
 No

**SEARCH ROUTES**

**DEPARTURES**

**6:00AM**

**FLIGHTS**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8099	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

**TRAINS**

Time	Stops	Platform	Status
8:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
11:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
11:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
2:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME

**FERRIES**

Time	Destination	Arrival Time	Connection	Dock	Status
6:00a	Lopez Island	6:25a	No	A	DEPARTING
6:15a	Shaw Island	6:45a	Yes	B	BOARDING
7:00a	Orcas Island	7:20a	Yes	B	ON TIME
8:00a	Lopez Island	8:25a	No	A	ON TIME
8:15a	Shaw Island	8:45a	Yes	B	ON TIME

**SEARCH ROUTES**

**ATLANTIS TRANSPORTATION HUB**

**CLEAR ITINERARY**

Select Your Destinations

**DESTINATION(S)**

1 Orcas Island Airport

2 Roche Harbour

3 Shaw Island

+ Add Destination

TRANSPORTATION TYPE

- Flight
- Train
- Ferry

PTF PASS ELIGIBLE ONLY

Yes  
 No

**SEARCH ROUTES**

**DEPARTURES**

**6:00AM**

**FLIGHTS**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8099	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

**TRAINS**

Time	Stops	Platform	Status
8:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
11:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
11:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
2:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME

**FERRIES**

Time	Destination	Arrival Time	Connection	Dock	Status
6:00a	Lopez Island	6:25a	No	A	DEPARTING
6:15a	Shaw Island	6:45a	Yes	B	BOARDING
7:00a	Orcas Island	7:20a	Yes	B	ON TIME
8:00a	Lopez Island	8:25a	No	A	ON TIME
8:15a	Shaw Island	8:45a	Yes	B	ON TIME

**SEARCH ROUTES**

**ATLANTIS TRANSPORTATION HUB**

**CLEAR ITINERARY**

Choose your travel details.

**0 Current Location**

Friday Harbour Airport

**CHOOSE TRAVEL:**

Time	Airline	Flight	PTF	Gate	Status
6:11a	WN	3227	Yes	D12	BOARDING
6:57a	SJ	8341	Yes	B3	BOARDING
7:30a	WN	3556	Yes	D15	ON TIME
8:40a	SJ	8332	Yes	B2	ON TIME

**BACK**

**SELECT**

**DEPARTURES**

**6:00AM**

**FLIGHTS**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8099	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

**TRAINS**

Time	Stops	Platform	Status
8:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
11:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
11:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
2:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME

**FERRIES**

Time	Destination	Arrival Time	Connection	Dock	Status
6:00a	Lopez Island	6:25a	No	A	DEPARTING
6:15a	Shaw Island	6:45a	Yes	B	BOARDING
7:00a	Orcas Island	7:20a	Yes	B	ON TIME
8:00a	Lopez Island	8:25a	No	A	ON TIME
8:15a	Shaw Island	8:45a	Yes	B	ON TIME

**SEARCH ROUTES**

**ATLANTIS TRANSPORTATION HUB**

**CLEAR ITINERARY**

Choose your travel details.

**0 Current Location**

Train Express 01/01 8:00a

**1 Friday Harbour Airport**

Flight SJ 8332 01/01 8:40a

**1 Orcas Island Airport**

Flight SJ 8335 01/03 12:00

**2 Roche Harbour**

Flight SJ 8335 01/03 5:00

**2 Roche Harbour**

Ferry Express 01/07 8:15

**3 Shaw Island**

**PRINT**

**DEPARTURES**

**6:00AM**

**FLIGHTS**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8099	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

**TRAINS**

Time	Stops	Platform	Status
8:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
11:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
11:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
2:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME

**FERRIES**

Time	Destination	Arrival Time	Connection	Dock	Status
6:00a	Lopez Island	6:25a	No	A	DEPARTING
6:15a	Shaw Island	6:45a	Yes	B	BOARDING
7:00a	Orcas Island	7:20a	Yes	B	ON TIME
8:00a	Lopez Island	8:25a	No	A	ON TIME
8:15a	Shaw Island	8:45a	Yes	B	ON TIME

**PRINT**

**ATLANTIS TRANSPORTATION HUB**

**CLEAR ITINERARY**

**YOUR ITINERARY IS PRINTING**

**THIS IS NOT A TICKET!**

Proceed to the ticket desk for transport ticket purchases.

**DONE**

**PRINT**

**ATLANTIS TRANSPORTATION HUB**

**CLEAR ITINERARY**

**DEPARTURES**

**6:00AM**

**FLIGHTS**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8099	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

**TRAINS**

Time	Stops	Platform	Status
8:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
11:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
11:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
2:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME

**FERRIES**

Time	Destination	Arrival Time	Connection	Dock	Status
6:00a	Lopez Island	6:25a	No	A	DEPARTING
6:15a	Shaw Island	6:45a	Yes	B	BOARDING
7:00a	Orcas Island	7:20a	Yes	B	ON TIME
8:00a	Lopez Island	8:25a	No	A	ON TIME
8:15a	Shaw Island	8:45a	Yes	B	ON TIME

# FINAL MOCKUP & ANIMATION

**ATLANTIS TRANSPORTATION HUB**

Where do you want to go?

Tap a map location to start an itinerary.

**DEPARTURES**

**6:00AM**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8009	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

Time	Stops	Platform	Status
8:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
11:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME
11:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
2:00a	Atlantis Hub, Roche Harbour, Yacht Haven, Atlantis Hub	A	ON TIME

Time	Destination	Arrival Time	Connection	Dock	Status
6:00a	Lopez Island	6:25a	No	A	DEPARTING
6:15a	Shaw Island	6:45a	Yes	B	BOARDING
7:00a	Orcas Osland	7:20a	Yes	B	ON TIME
8:00a	Lopez Island	8:25a	No	A	ON TIME
8:15a	Shaw Island	8:45a	Yes	B	ON TIME

For the final mockup, I chose to remove the Burnt Orange border around the screen to remove potential distractions and emphasize the white space around the page elements.

## ANIMATION 1

When designing the animation between interactions, I chose to create a fade-in/ appearing location marker for the destination that the user selects; when they touch the destination's marker, they are able to immediately see the state change in which that location's marker changes to an orange and increases scale. This results in a fluid and dynamic transition between pages.

## ANIMATION 2

This animation serves as a fluid transition between the "Recommended Route" page and the "Choose Travel" page by visually linking which travel you are searching for.

## LINK TO INVISION PROTOTYPE & ANIMATION

<https://projects.invisionapp.com/prototype/project1-2-sketch-cjrq1rlph00osrm01jjed6xs1>

## ANIMATION 1

**ATLANTIS TRANSPORTATION HUB**

Select Your Destinations



**DESTINATION(S)**

- 1 Orcas Island Airport
- 2 Roche Harbour
- + Add destination

**TRANSPORTATION TYPE**

- Flight
- Train
- Ferry

**PTF PASS ELIGIBLE ONLY**

- Yes
- No

[SEARCH ROUTES](#)

**DEPARTURES**

**6:00AM**

Time	Destination	Airline	Flight	PTF Eligible	Gate	Status
6:11a	Orcas Island	AA	1051	No	A9	BOARDING
6:17a	Friday Harbour	AA	1123	No	A1	BOARDING
7:01a	Roche Harbour	AA	1001	No	A11	ON TIME
7:32a	Friday Harbour	SJ	8009	Yes	B1	ON TIME
8:35a	Stuart Harbour	SJ	8943	Yes	B8	ON TIME

Time	Stops	Platform	Status
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8:00a	Atlantis Hub, Friday Harbour, Atlantis Hub	B	ON TIME
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8:00a	Lopez Island	8:25a	No	A	ON TIME
8:15a	Shaw Island	8:45a	Yes	B	ON TIME

## ANIMATION 2

**ATLANTIS TRANSPORTATION HUB**

**Recommended Route**

Some transfer locations were added to your itinerary.



**0 Current Location**

Train CHOOSE TRAVEL

T Friday Harbour Airport

Flight CHOOSE TRAVEL

**1 Orcas Island Airport**

Flight CHOOSE TRAVEL

T Roche Harbour Airport

Train CHOOSE TRAVEL

**2 Roche Harbour**

Ferry CHOOSE TRAVEL

**3 Shaw Island**

[EDIT ITINERARY](#)

**DEPARTURES**

**6:00AM**

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