UI DESIGN

for

COE 1186 Project

Version 0.1 approved

Prepared by:
Alec Rosenbaum
Aric Hudson
Isaac Goss
Mitch Moran
Parth Dadhania

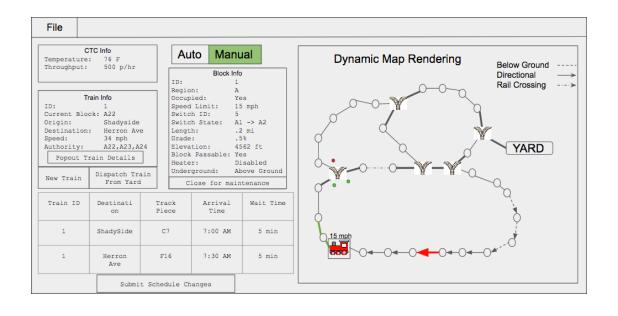
Training Montage

December 14, 2017

Contents

1	Centralized Traffic Control	3
2	Track Model	5
3	Wayside Controller	6
4	Train Model	8
5	Train Controller	9

1 Centralized Traffic Control



Train Info

ID: 1

Current Block: A22

Origin: Shadyside Destination: Herron Ave

Speed: 34 mph

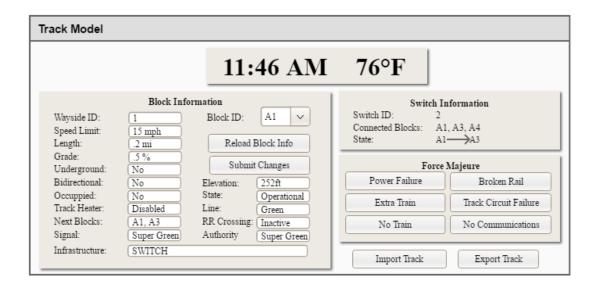
Authority: A22,A23,A24

Schedule

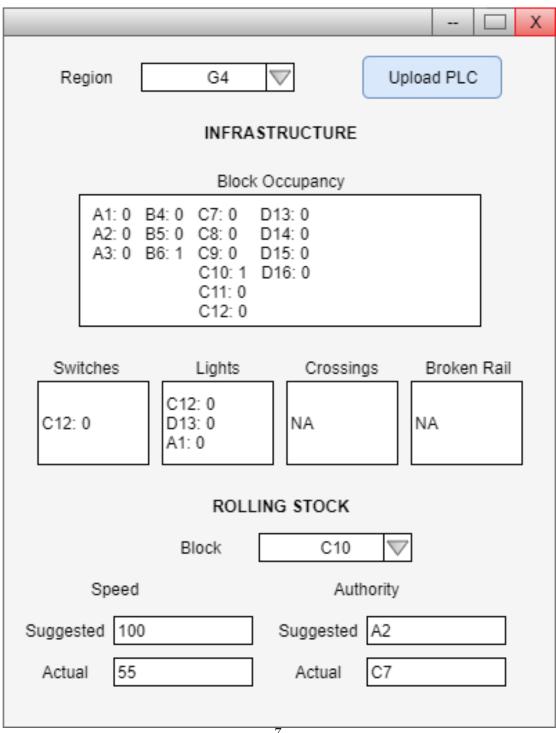
Destination	Track Piece	Arrival Time	Wait Time
ShadySide	C7	7:00 AM	5 min
Herron Ave	F16	7:30 AM	5 min

Submit Schedule Changes

2 Track Model



3 Wayside Controller



4 Train Model

TRAIN MODEL Current Adjust 1 ♣ Train ID 20 mph Speed Limit Manual Mode OFF Emergency Authority 2 mi Temperature 72 °F OFF ON Lights ON OFF Brake Power 300 kW Acceleration: Set Power: 200 kW Set Temperature 65 °F Current Train Speed: 8 mph Authority Emergency Lights ON OFF OFF OFF Brake **Brakes Doors** Dimensions CLOSED Left OPEN **Engine** OFF Doors ON Mass: 40,000 lb Left OPEN CLOSED OFF Signal Right OPEN CLOSED ON Height: 3.42 m Right OPEN CLOSED Apply Changes Width: 2.65 m Counts 32.2 m Length: Passenger: 50 1 Crew: Number of Cars

5 Train Controller

