

Engineering Notes No. 13.2

INFORMATION

NAME: William Reimer

DATE: 04/09/25 - 04/15/25

Sprint: 13

JIRA BACKLOG

Responsible for:

Reverse engineering example maps to replicate ERAU campus in Scenic

Modifying .xml map files for compatibility with ScenicSumo

Debugging map compatibility and integration issues

Contributed to:

Testing and merging VerifAI API features into ScenicSumo example scripts

RESOURCES & DOCUMENTS CONTRIBUTED TO

Table 1 - Contributions

Date	Resource/Document	Location	Contribution Description
04/14/25	Reverse Engineering Maps	Scenic-SUMO	Attempted to reverse engineer sample maps that work in Scenic-SUMO to apply to ERAU map.
04/15/25	Modifying ERAU maps	Scenic-SUMO	Attempted to modify current Blender ERAU map to again export it to Scenic-SUMO.

COMPONENTS TESTED

Table 2 - Testing

Date Tested	Component	Result	Comments
04/14	Reverse Engineering Maps	Failure	Was able to modify map, but taking too long to realistically finish by deadline
04/05	Modifying ERAU maps	Failure	Still attempting to fix .xml files.

PROBLEMS SOLVED

Table 3 - Solutions

Date	Problem	Solution & Notes
N/A	N/A	Still focused on solving the maps issue. Will likely be solved by next sprint.

PROBLEMS TO ADDRESS NEXT

Table 4 - Future Problems

Problem	Description
Scenic map compatibility	Continue troubleshooting .xml files for successful map integration
Riddle campus map recreation	Effort to recreate ERAU campus in Scenic not yet functional

MEETING NARRATIVE NOTES:

Table 5 - Meeting 1

MM/DD/YY	Meeting Type: StandUp/Class/ETC	
Met with Product Owner(s): Y/N		
Problems Brought Up:		
Problem	Proposed Solution	
VerifAI integration and Scenic map compatibility issues	Continue as scheduled and cut functionality if absolutely needed	
Other Items Updated on:		
N/A		
Additional Notes:		
N/A		

Table 6 - Meeting 2

MM/DD/YY	Meeting Type: StandUp/Class/ETC	
Met with Product Owner(s): Y/N		
Problems Brought Up:		
Problem	Proposed Solution	
Unsuccessful attempts at reverse-engineering Scenic maps	Continue as scheduled and cut functionality if absolutely needed	
Continued failures with .xml file conversions		
Other Items Updated on:		
N/A		

Additional Notes:

N/A

NOTES:

Unedited Notes:

04/10

Dealing with crunch time, a lot to do, not enough time.

Will has gotten really good at Scenic

Work on Final Test Plan due on Tuesday.

Trying to get VerifAI to work with our current model of ScenicSumo, correctly installed and testing.

Merged example.py with API features from VerifAI, input parameters and sample, loads and compatible 0.0b1.

Need to work with the map, Scenic, or both.

Discussed map issues

04/15

Met in LB 374,

Worked on the test plan,

Akbas told us to focus on the test cases.