



Infrastructure & Society



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Class site:

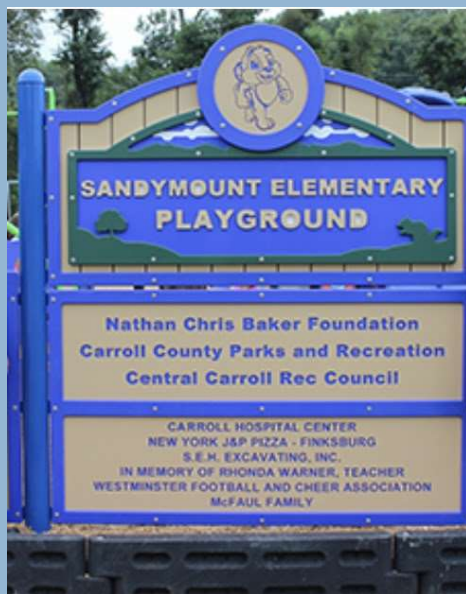
The Capstone project that I participated in was through the Science, Technology, and Society Scholars Program. I enrolled in the class CPSP349T: Infrastructure and Society. This class is designed to teach students how the infrastructure in our community is impacted by cultural biases. This class is designed to encourage students to dive deeper into how the infrastructure around us is created. The professor of this course is Dr. Tomblin, and the STS office phone number is 301-405-0527.

Impact:

This class has been very impactful on the way that I see infrastructure in my community. Throughout the semester I developed new observation skills that helped me to assess issues in the infrastructure in the community. Reimagining infrastructure has a positive impact on the community because it shows better approaches to existing infrastructure.

Issues Confronting Site:

During my capstone project I focused on assessing different infrastructure around the University of Maryland based on how they impacted different human capabilities. Using analysis skills throughout the semester allowed me to use my knowledge to analyze Sandymount Park. The purpose of this analysis was to re-design the park so that it is more inclusive to members of the community and more sustainable for the future.



Activities:

The purpose of this class was to create a final presentation focused on reimagining an aspect of our community. In order to do this, I assessed the infrastructure of a local park using STS analytical tools and then radically reimagined the parks infrastructure in different ways to promote human well-being. I focused on different aspects of human well-being such as play, bodily health, ability to move freely and safely, senses, imagination, thoughts, and caring for other species. By focusing on these key aspects of well-being I assessed already existing infrastructure at Sandymount park and produced possible solutions so that the park could better meet these human needs.

Future work:

There is a big future in redesigning infrastructure. Most infrastructure in the United States is outdated and in desperate need of updating. While infrastructure in the United States needs to be updated to be more structurally sounds, it also needs to be fixed in order to be more inclusive and supportive to the communities that they serve. While I do not plan on pursuing a future career in infrastructure it is very important to continue to develop infrastructure that is inclusive to the community and sustainable for the environment.

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