

# ELLI DASTRUP

## PORTFOLIO

UNIVERSITY OF ILLINOIS  
MASTER OF URBAN PLANNING  
CLASS OF 2022

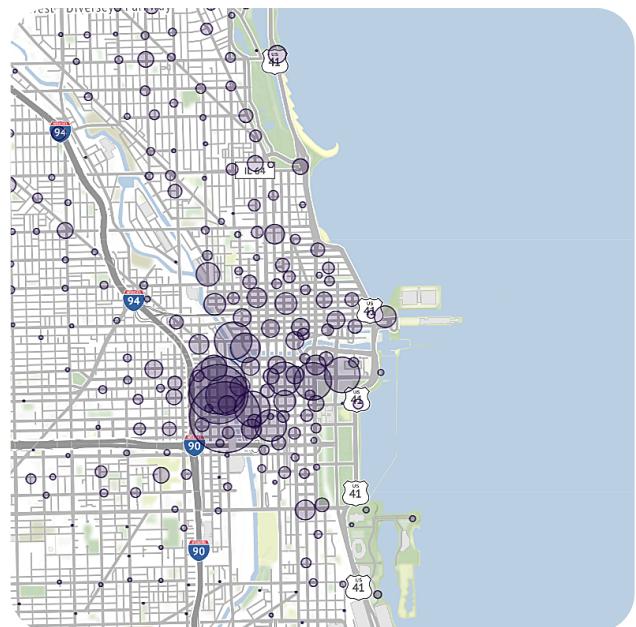
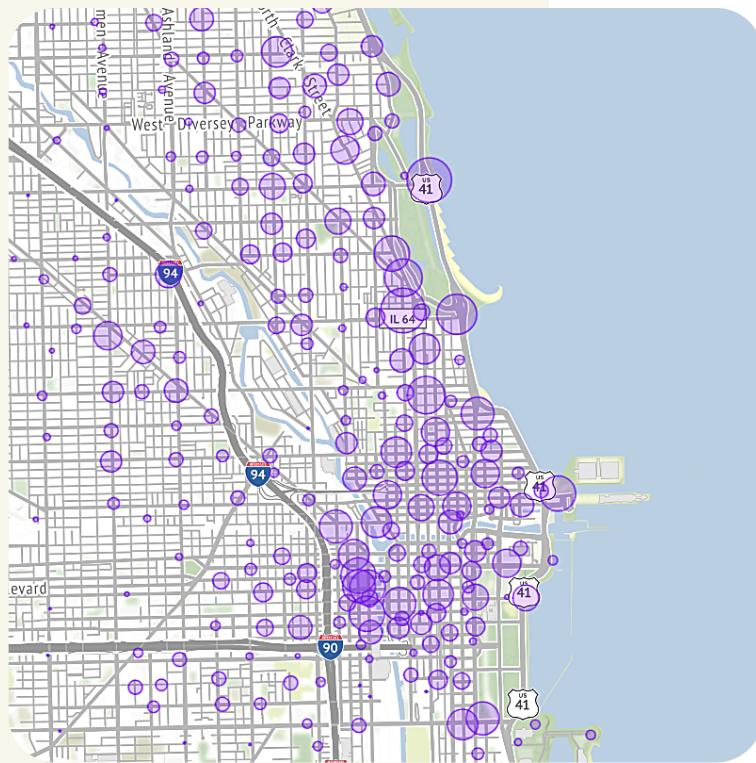
BRIGHAM YOUNG UNIVERSITY  
GEOGRAPHY: URBAN PLANNING  
CLASS OF 2020

# DIVVY BIKE USERSHIP ANALYSIS CHICAGO, ILLINOIS

20  
21

SEMESTER LONG PROJECT  
ILLUSTRATING THE  
DIFFERENCES BETWEEN  
MALE AND FEMALE  
EXPERIENCES IN THE  
CITY.

DATA ANALYSIS DONE ON  
DIVVY BIKES DATA AND  
U.S. CENSUS INCOME AND  
RACIAL DATA.



01

# TRANSPORTATION MODEL SCENARIO PLAN CHAMPAIGN, ILLINOIS

20  
21

FINAL PROJECT TO USE  
CUBE BY CITILABS TO  
ILLUSTRATE A  
TRANSPORTATION  
FUTURE.

THE FOLLOWING MAP  
SHOWS POINTS OF  
CONGESTION.

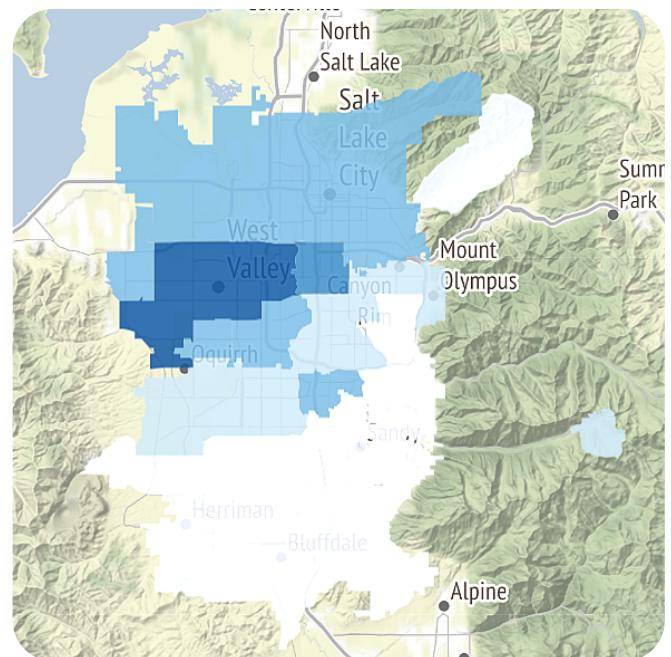
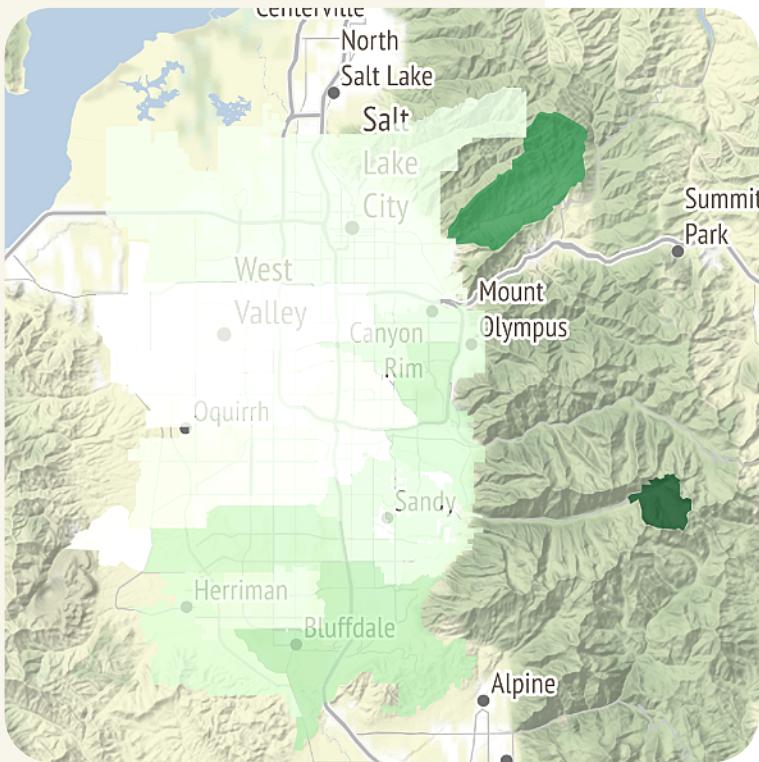


02

# DEMOGRAPHIC ANALYSIS SALT LAKE CITY, UTAH

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21

ANALYSIS DONE ON  
RACIAL, INCOME, HOME  
VALUE, AND AGE DATA ON  
THE SALT LAKE CITY,  
METROPOLITAN AREA.



03

# HIGHWAY PATH ANALYSIS, SOUTHERN UTAH COUNTY

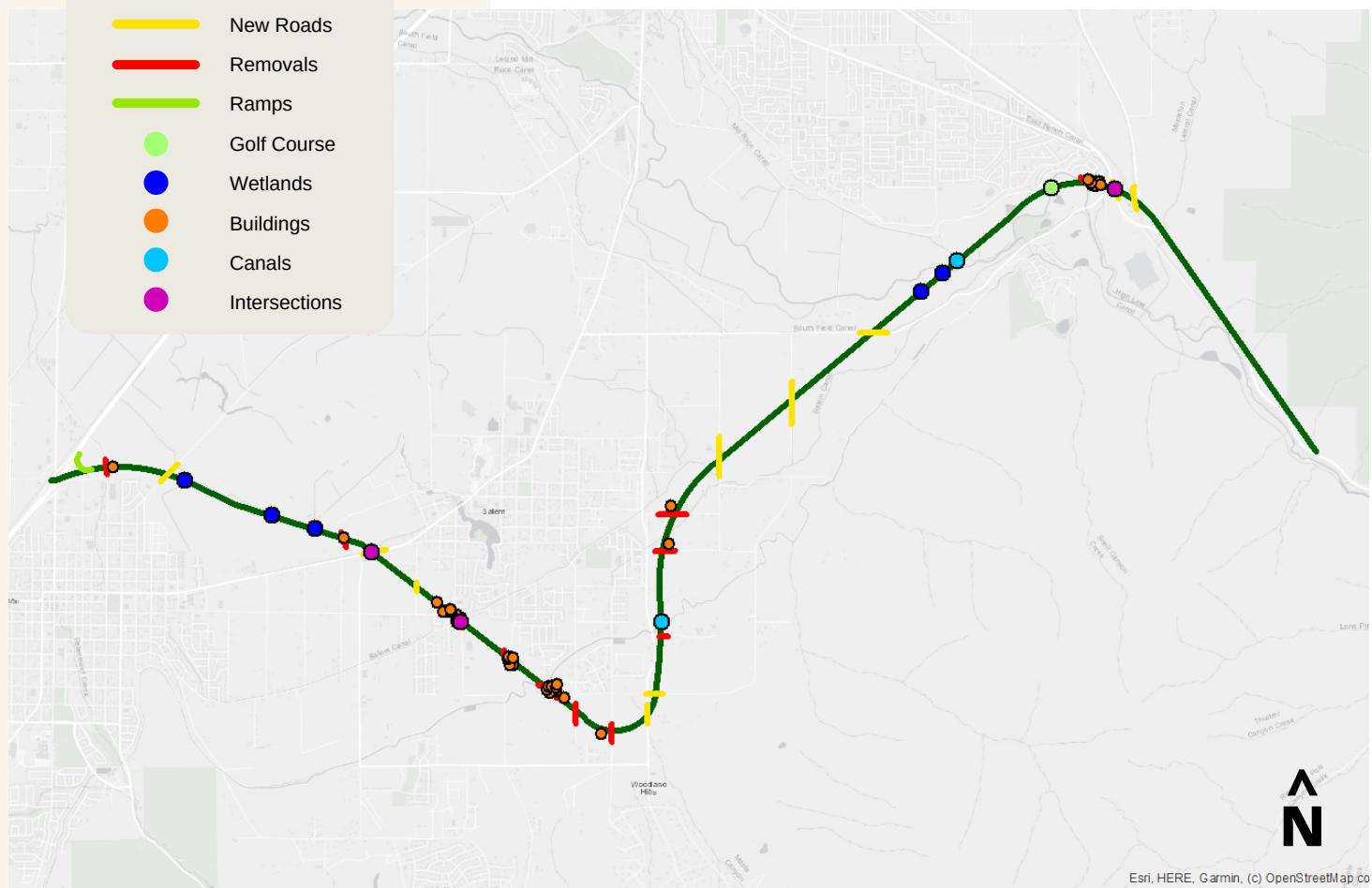
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SEMESTER LONG SITE  
ANALYSIS FOR A HIGHWAY  
PATH IN SOUTHERN UTAH  
COUNTY.

DATA ANALYSIS DONE ON  
ROAD CLASSIFICATIONS,  
SLOPE, ZONING,  
WETLANDS, AND PARCELS.

## SOUTH UTAH COUNTY HIGHWAY

- New Freeway
- New Roads
- Removals
- Ramps
- Golf Course
- Wetlands
- Buildings
- Canals
- Intersections

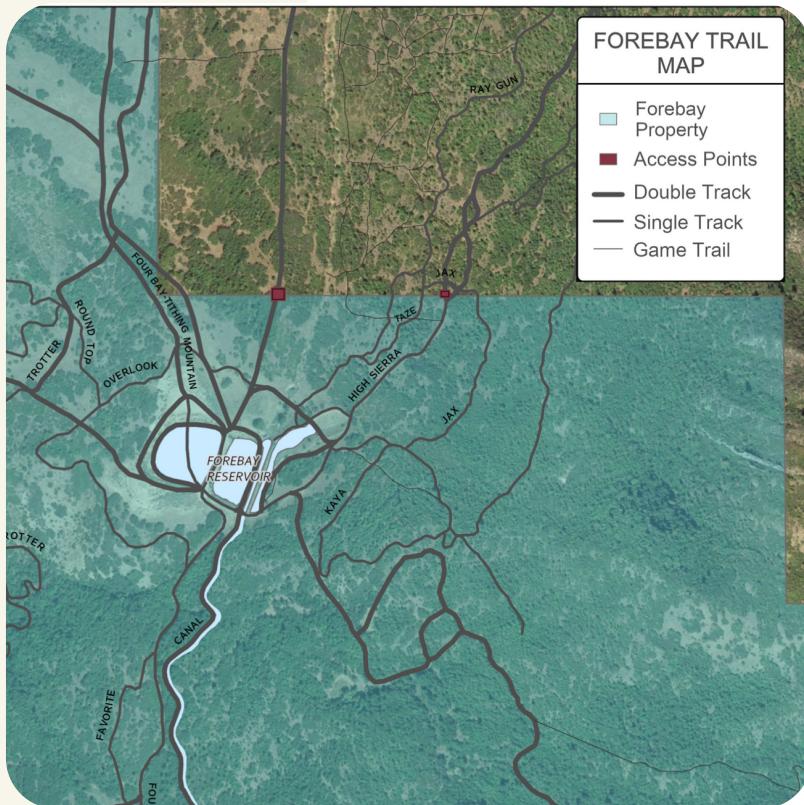


Esri, HERE, Garmin, (c) OpenStreetMap

04

# MANAGEMENT PLAN PAYSON, UTAH

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## Desired Conditions and Strategies



This is a Primary Sign kiosk, generally located at trail heads or the entrance to the park area.



The sign on the left is a secondary sign, and the sign on the right is a tertiary sign. Secondary signs are generally located at the start of major trails and trail intersections. Tertiary signs are generally located along trails, providing directional assistance.



Difficulty symbols indicate the grade, roughness, and technicality of each trail. The easiest trails generally incorporate long, wide turns and are cleared of any large debris or obstacles which might make passage difficult. On the other hand, the most difficult trails are often left as natural as feasibly possible, and can include large obstacles, very steep grades, tight turns, high levels of exposure, and man made features like jumps. As such, difficulty ratings become a critical safety feature for cyclists in areas with a wide variety of trail conditions, obstacles, and grades.

## RECREATION MANAGEMENT PLAN FOR A CITY OWNED PROPERTY IN THE MOUNTAINS.

PARTNERSHIP WITH THE  
NATIONAL PARK  
SERVICE TO ENGAGE  
THE PUBLIC AND  
PRODUCE A PLAN WITH  
DETAILED MAPS AND  
GOALS FOR USING AND  
MAINTAINING THE LAND.

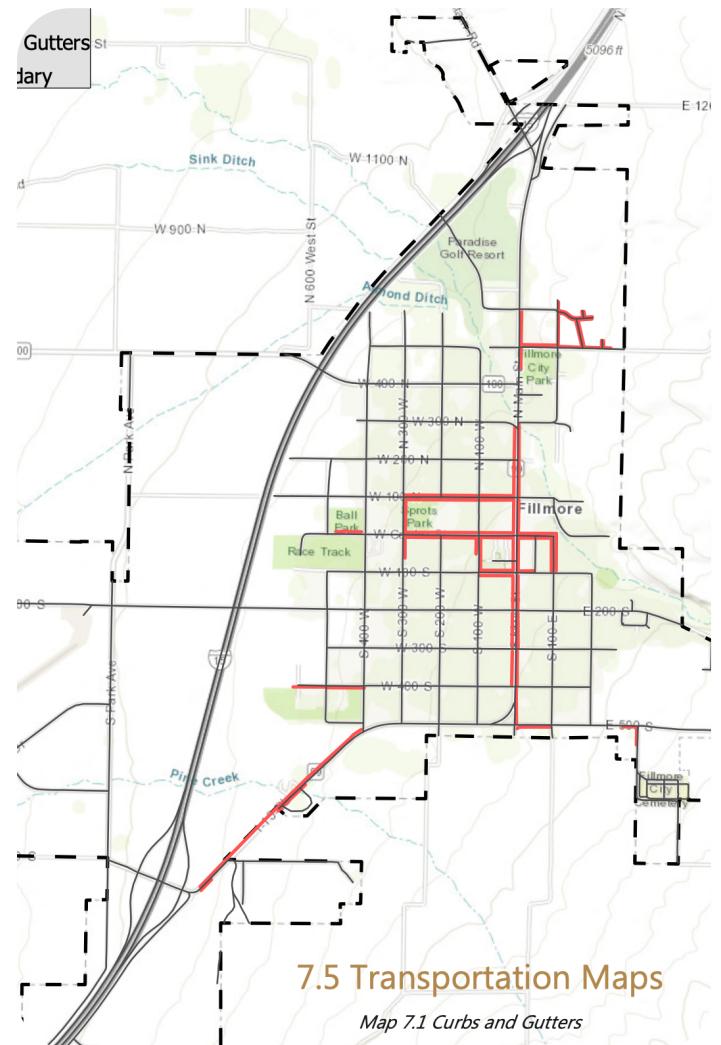
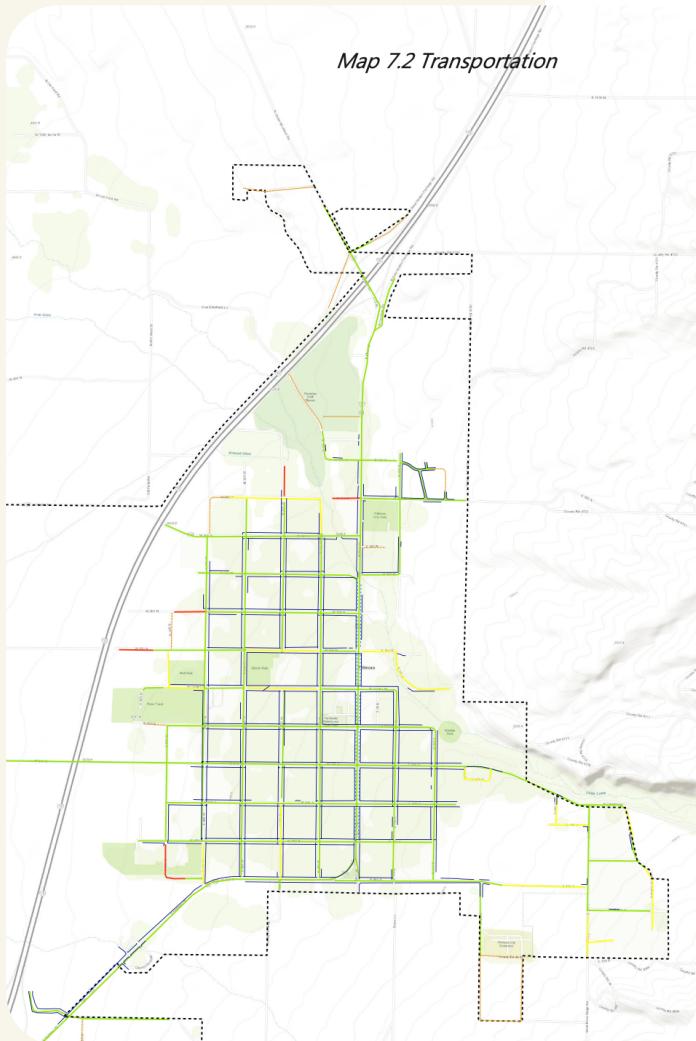
05

# PLANNING FOR RURAL CITIES FILLMORE, UTAH

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19

GENERAL PLAN FOR  
FILLMORE, UTAH.  
TRANSPORTATION  
SECTION FOCUSING ON  
INFRASTRUCTURE AND  
EXISTING CONDITION  
ANALYSIS.

IN PERSON DATA  
COLLECTION AND  
SURVEYS OF THE  
LANDSCAPE.



VIEW THE WHOLE PLAN HERE:  
[HTTP://WWW.FILLMORECITY.ORG/  
PDF/GENERAL%20PLAN.PDF](http://www.fillmorecity.org/pdf/general%20plan.pdf)

06

# USING GIS FOR PLANNING AND DECISION MAKING

20  
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CASE STUDY TO  
LOCATE THE BEST  
LOCATION FOR  
TIMBER HARVEST  
AREAS NEAR UTAH  
COUNTY, UTAH.

CREATED A MODEL  
THAT SELECTED  
AREAS THAT ARE  
CLOSE ENOUGH TO  
ACCESS ROADS  
AND WATER  
SOURCES, AS  
WELL AS FAR  
AWAY ENOUGH  
FROM CAMPSITES  
AND OTHER  
PROTECTED  
AREAS.

