

St. Olaf Student Housing

Traffic Impact Study

January 5, 2021



Traffic Impact Study

- Student Enrolled about 3,000
 - Enrollment isn't proposing to grow beyond this
- Residence hall and townhomes to accommodate 440 students
- Decompressing existing residence hall on campus and bringing off campus students back to Campus. Currently 200 students off campus, most within a 1/2 mile of campus
- Bringing 100 Students back on campus
- Most students that live off campus to the east mainly walk or bike



Existing Traffic Volumes

- St. Olaf Avenue - Traffic Volume from 2001-2014 has slightly decline from an AADT of 2200 to 2000 (-0.9% Growth) Projected 2022 – 2000 AADT
- Lincoln St (Cty 43) - Traffic Volume from 2001-2012 has increased from an AADT of 3500 to 4400 (2.1% Growth) Projected 2022 – 5430 AADT
- Hwy 19 – Traffic Volume from 2000-2014 increased from 8300 to 10300 (1.6%) Projected 2022 - 11,700 AADT



Intersections

- Hwy 19 and St. Olaf Drive - Existing
 - Overall intersection operates at a Level of Service (A), however southbound left turns onto Hwy 19 operates at LOS D
- Hwy 19 and St. Olaf Drive – After Opening
 - Overall intersection operates at a Level of Service (A), southbound left turns onto Hwy 19 improve to LOS C. (this is an improvement to eliminate high speed right angle collisions on Hwy 19)



Intersections

- Lincoln St (Cty 43) and St. Olaf Ave – Existing
 - Overall intersection operation at LOS B
- Lincoln St (Cty 43) and St. Olaf Ave – After Opening
 - Overall intersection operation at LOS B
 - 65 Additional Trips per day on St. Olaf after Opening (this is less than previous traffic volumes from the early 2000's)



Transit & Walking & Biking

- Proposed widening of sidewalk on St. Olaf Avenue adjacent to project area to serve proposed develop
- There is an existing college transit stop near proposed housing project that will serve this project

