

City of Port St. Lucie public works department



Accredited Agency - American Public Works Association

MEMORANDUM

TO: Bethany Grubbs, Planning & Zoning

THRU: Colt Schwerdt, P.E. –Assistant Director, Public Works

Clyde Cuffy, P.E. - Professional Engineer, Regulatory Division

FROM: Breanna Vasquez, Public Works

DATE: March 18, 2022

SUBJECT: Cashmere Ventures@ SLW- Office/Retail P21-277

Traffic Generation, Stacking & Circulation Approval

This application and Traffic Statement prepared by Stephen Cooper PE and Associates Inc dated March 16, 2022 has been reviewed by the Public Works Department and the transportation elements of the project were found to be in compliance with the adopted level of service and requirements of Chapter 156 of City Code, the City of Port St. Lucie Engineering Standards, and Public Works Policy 19-01pwd with the following conditions:

A north bound Left Turn Lane is being recommended due to Engineering Standards Section 8.12.8(b) as the northbound traffic would be entering the site from a two-lane section of road.

A south bound Right Turn Lane into the northern driveway is being recommended and is justified by the following conditions and per the Engineering Standards Section 8.12.7.

- Heavier than normal peak flows on SW Cashmere Blvd
- The proposed driveway is located after a signalized intersection where acceleration typically occurs
- Heightened safety concern due to the merge conditions of the roadway transitioning from 4-lane divided to a 2-lane undivided roadway adjacent to this driveway.

This development will not directly impact the existing conditions of the driveways and median opening located north of this project. Staff will continue to monitor it as the project progresses.