

Engineering has reviewed the plans for the State Employees' Credit Union S 17th Street project submitted July 3, 2019 for TRC review and have the following comments:

1. This project site currently has an existing State Off-site SW permit that will need to be modified.
2. The project is proposing in excess of 10,000 sf of on-site newly constructed impervious surface area and will require modification to the existing off-site stormwater management permit. The city will mainly review grading and drainage. Please submit the Stormwater Management Permit Application Form, a \$1,000 Major Modification Engineering Review fee, one full set of design plans, calculations and any other supporting documentation to Engineering for review. Please also submit a digital copy of the entire submittal package. Additional comments will be made once the full engineering submittal is reviewed. Please note our review times are approximately 30 days right now. Please factor this into your submittal schedule.
3. Please affix the appropriate stormwater approval stamp to each sheet in the plan set.
4. All driveways shall be the standard "ramp" type. A "street" type entrance may be allowed or required by the City Engineer.
5. The maximum driveway width at the property line for two-way traffic is 36 feet for 3 lanes of traffic. The City Engineer may approve widths up to 50 feet where it is deemed necessary for safe movements of a larger number of large vehicles. A pavement marking plan shall be required for all driveways greater than 30 feet in width.
6. The maximum width of a driveway at the gutter flow line measured between the points where the curb returns or driveway apron meets the curb line or edge of roadway is 62 feet.
7. Sidewalks proposed at the back of curb adjacent to travel lanes must be 6 feet in width.
8. The existing driveway along Hollingsworth Drive must be closed - removed and replaced with curbing and sidewalk.
9. Avoid any new meters, valves, etc. in sidewalks.
10. Piped collection systems shall be designed for the 10-year frequency storm event and analyzed for the 50-year frequency storm event to check the system for flooding. Assign an appropriate tailwater to the analysis.
11. Provide sizes, lengths, inverts and slopes for all existing and proposed pipes.
12. Provide all appropriate details to support stormwater management systems.
13. Provide an inlet drainage area map (labelled, delineated and listed).
14. Show, if known, how roof runoff will be directed to the SCM (sheet flow, roof drains tied into SD pipes).
15. Provide all appropriate city standard details. City details shall be the most recent pdf version downloaded from the city website. City details must have the City titleblock.
16. Provide a Grading and Drainage Plan.
17. Variances may be requested in writing for any deviations from the technical standards. See Section 18-348 of the LDC.

Please call or email if there are any questions. Thank you.