



**Engineer's Report**  
**Public Works Committee**  
Village of Cottage Grove  
October 2021 Report

Shady Grove Subdivision

R. G. Huston continued clearing and grubbing and mass grading the project area. A majority of all the roadways are rough graded to subgrade. The outlot stormwater management ponds were constructed, and the clay liners were tested by CGC, Inc. Sanitary sewer construction began on September 22, 2021, with a second crew starting the week of September 27, 2021, to install water main. Strand is currently communicating with the developer's engineer in regard to the lift station electrical design because of discrepancies found during the shop drawing review. A redesign of the electrical system and generator will likely be required.

Authentix Cottage Grove

A preconstruction meeting occurred in mid-September with the Village Land Disturbance Permit issued on September 21, 2021. Horizon Construction Group is the prime contractor for the development with Integrity Grading and Excavating as the underground subcontractor. Erosion control and clearing and grubbing began at the site at the end of the week of September 20, 2021. Mass grading is anticipated to begin in October with utility construction beginning on approximately October 11, 2021.

5th Addition to Westlawn Estates

Stormwater pipe construction on Canberra Circle and the piping to connect the two outlots occurred at the beginning of September. Strand is currently reviewing the lift station design to serve the future 39 lots within the development along London Avenue, Wellington Place, and Canberra Circle.

Cottage Grove Commons Phases 1 and 2

Phase 1 List of Items to be Completed was provided to the developer on September 24, 2021. This list included various restoration items, curb and gutter replacement, sidewalk replacement, asphalt surface, and asphalt patching along Gaston Road. The developer plans to finish these items by November 15, 2021.

Phase 2's stormwater basins in Outlots 1 and 2 still need to be completed along with lighting, and restoration. Various sections of public sidewalk were poured in mid-September to connect the sections between the phases. The overall erosion control on the site has been lacking and Strand is discussing this with the developer each week during the weekly erosion control reviews.

Quarry Ridge Estates

No work occurred at this site within the last month. Strand anticipates the developer will complete the surface asphalt paving next year.

Erosion Control Checks

Strand has provided weekly erosion control checks as well as erosion control checks following rainfalls more than 0.5 inches on development sites in the Village including: Comfort Suites Hotel, Cottage Grove Commons Phase 1 and Phase 2, Dolphin Swim, Movin Out Glen Grove Apartments, Grand Appliance, Quarry Ridge Development, Shady Grove Subdivision, and 5th Addition to Westlawn Estates. Correspondence was sent to development owners if the erosion control measures on-site were not satisfactory or compliant.

### Development Reviews

Strand is reviewing proposed developments as they are submitted to the Village. Listed below are the developments currently under review:

1. Atlantis Valley Foods—Drawings have been revised and stormwater infiltration has been provided for this site. Strand anticipates issuing a Land Disturbance Permit for this site once Atlantis Valley Foods' Notice of Intent Wisconsin Department of Natural Resources (WDNR) permit is granted.
2. JEK-CRE Mutlitenant Building—The first submittals were reviewed in September. The developer's engineer is working through drawing updates and WDNR concurrence that an infiltration basin will not be feasible at this site based on soil composition. Strand anticipates reviewing the updated drawings in October.
3. Alliant Energy Substation—Strand has seen a new layout of Alliant Energy Substation's proposed substation site along Bonnie Road but has not received final drawings or stormwater calculations. The new layout pushes the substation east toward the back property line while moving the stormwater management to the west along the roadway. A second submittal was submitted on September 29, 2021, for the upcoming October Plan Commission Meeting.
4. Jump Around Gymnastic—Jump Around Gymnastic just submitted its first submittal on September 29, 2021, for the upcoming October Plan Commission Meeting.

Strand attended two separate meetings with developers and Village staff to discuss both the Farm Golf Course site and the 2001 Realty site. Both developers were interested in Village requirements for development, stormwater management standards and utility extensions. Strand is also working with Village staff and potential developers for the TID No. 10 area.

### Upcoming Village Projects

Strand and JJ plan to meet with WDNR in early October to discuss the construction requirements for Thadden Pond. Currently the pond is proposed to be installed in line with a navigable stream. While this can be accomplished, additional permitting may be needed. Strand has also recently updated the storm water modeling for the pond and believe it can be reduced in overall size while still providing the expected total suspended solids and total phosphors remove. Once Strand understands what WDNR will require for this pond, a new construction cost can be provided and grants can be pursued in early 2022 for construction in 2023.

**MSA is still working on the Buss Road and Cottage Grove Road intersection, and Glacial Drumlin Path and Clark Street project and will provide a separate report for those projects, as needed.**

Prepared and respectfully submitted by Josh J. Straka, P.E., Strand Associates, Inc.®.