

Greens Reconstruction Project
Weekly Report #11
June 17, 2020

Project Overview

The complete Project Overview can be found on the SCOV website. Go to Members => Committees => Greens Reconstruction Project Committee. It is hoped that this overview will answer many of your questions.

Safety

We cannot stress enough the need for everyone to stay safe during construction. Please stay well clear of the areas under construction. While the contractor is working on only a few holes at a time on the course, we ask that golfers give the contractor the priority as they move equipment and materials.

The contractor has planned to work 6 days a week beginning at 6 AM each day. As a result of progress made to date, and the temperatures being higher than normal, the contractor may only be working 5 days a week. Saturday work will be determined as needed based on project requirements and construction efficiencies. Walkers and players should be cautious.

What has Happened

The project continues to be ahead of schedule. The greens project as measured by actual progress is 78% complete.

The grading, shaping, and the sand installation has been completed on all the greens on the back nine. Final shaping of the back nine greens and the putting green will occur this week. Our architect, Mike Gogel, will be driving the shaper as the final grades are achieved for the back nine greens and the putting green. Sprinkler heads are also adjusted to the finished grade.

All greens on the front nine have been cored out, shaped, and the flat drainpipe installed. Sand has been installed on #1 through #5. There has been a disruption in the delivery of sand for the project. The provider apparently sold our sand to someone else and is now in the process of producing more of the product. Sand deliveries are expected to resume on Thursday, June 18. The disruption of sand deliveries will not adversely impact the schedule.

Detail landscape work continues on the back nine. This work is in advance of the installation of sod and involves preparing the grade around the areas of disturbance such that when the sod is installed the turf level matches up with the existing turf levels and the level of the new green. The detail crew also cleans up debris and rocks exposed during construction.

The contractor is currently working on the back nine tying the flat drains under the greens into the outfall drains from the greens. Some of these outfalls already existed, others are new. Drainage under the new

sand bunkers is also tied into these outfalls. Previously the drains under the sand traps simply went into a sump, and therefore water was not drained away from the traps. The photos below are the new bunker to the front left of #18.



The new bunkers on the course will be lined with a membrane and then filled with sand. 50% of the bunker sand is from CA (bright white). The sand is blended with 50% of sand from AZ (brown). The resulting mixture will be an off-white sand that will not blind you when you walk into a trap.

The concrete cart paths around the 1st and 10th tees, putting green, and driving range areas have been poured. These cart path areas will be closed to cart path traffic for 10 days after completion to allow the concrete to cure. Please respect the barriers! The contractor will remove the barriers after the ten (10) day cure time has passed.

A new “parking lane” has been added along the putting green.





The picture above right shows the concrete curb within which the synthetic turf strip for the driving range will be installed.

What will Happen Next

Greens mix sand installation will be completed on #6 through #9. Organic amendments will be added to the sand on the front nine and the putting green.

The contractor will continue to work on the outfall drainage pipe away from the new greens.

The schedule dates for sodding around the greens and sprigging of the greens is as follows:

	<u>Start of Sodding</u>	<u>Sprigging</u>
Back Nine & Putting Green	6/23	6/26
Front Nine	7/7	7/10

The grassing contractor indicated that a single crew could lay 15,000 square feet of sod per day. Multiple crews are expected to perform the work on our project. To give you an idea of how much sod will be installed (square feet) on the larger areas, the greens not listed have less than 15,000, are:

#2 = 20,683	#11 = 27,056	DR = 18,595
#8 = 16,462	#18 = 21,997	
#10 = 16,133	PG = 16,550	

The greens and areas requiring the largest amount of sod are typically those that underwent extensive reconstruction. There will be approximately 275,000 square feet of sod for the project.

Placement of sod will begin on #15 and #16. Given the limited access and the quantity of sod required for these holes, they will be closed to play on June 23rd and 24th.

Drainage for the range will be installed by the primary contractor after the cart path concrete is cured and backfilling has been finished around the new paths. New “zoned” irrigation for the expanded range will be installed. The zoned irrigation will allow maintenance staff to irrigate portions of the range while players are practicing on other areas. The old range irrigation design would not allow for this. The result will be the improved ability to repair and grow range turf.

A Word About Sprigging of the Greens

The grassing contractor will sprig the back nine greens and the putting green in one day, on Friday, June 26th. When the greens are sprigged, they will look unkept, spotty, and generally not good. This is normal and expected. Do not panic!

The July weather in Oro Valley is excellent for growing bermuda grass. This grass likes high humidity and temps.

Consultation with the agronomist will provide recommendations on fertilization, other amendments, and when initial mowing can begin. It will be the agronomist that will tell us when we can begin play on the new greens.

As the sprigs begin to grow the greens are initially just rolled to maintain contours. Mowing the greens will encourage the bermuda grass to grow horizontally rather than up. This horizontal growth will serve to increase the number of grass plants per square inch.

Mowing of the new greens will initially be done with walk behind mowers at a height of 0.200”. Walk behind mowers are used to eliminate the disruption to the grass plants caused by the turning radius of the larger riding mowers. This is the same height as the temporary greens are currently mowed. Over time, as the grass plants mature, the mowing height will be reduced to 0.125”.

Conclusion

Questions should be addressed to Howard Schulz at 217-825-5093, or howardschulzscov@gmail.com, or Tim Kelley at 734-645-8199, or tkelleyscov@gmail.com.