

Bentgrass sod to damaged areas from 2013

April 29-May 7, 2014



Stripped bare areas and transported 800 ft² from nursery green to holes #9/2/3/5 and 12.

#1 Fairway Irrigation Pond Culvert Drainage

July 29-30, 2014

Drainage was trenched in on both sides of rising culvert in the hopes that it would stay dryer. The area was landscaped and sodded afterwards.



#16 Black Tee Renovation

August 11-12, 2014



Existing sod stripped from deck. Two gator loads of sand and one load of soil incorporated into rootzone. Level area and sod with 750 ft² of nursery tee sod. Topdress several times before September 8th opening.

#12 Fairway Drainage 200 yds to 60 yds Stage 3

August 13-28, 2014

Started with an extension from existing drainage in 4/12 rough to middle of #12 fairway at 200 yd mark. 4 inch perforated sock tile installed with 1% slope.

Next, 254 feet of perforated 4 inch with sock installed from 160-100 yd mark. 0.83% slope achieved down west side of fairway. Soil from trench moved to #8 black tee.

A 57 foot lateral tied into west side trunk line with 0.88% slope.

Finally, another 142 feet of drainage trenched on east side of fairway to tie into 57 foot lateral. This was from the 150-100 yd mark and 0.62% slope was achieved.

End of drainage trench was 29 inches deep at pond. All backfilled with sand.



#8 Black Tee Renovations

August 14- September 12, 2014



Material from trenching #12 fairway was placed at the backside of #8 black tee to lengthen the 188 yd hole to almost 200 yds. We shaved a foot off the top and pushed it to the back.

Hitting space was only 500 ft² and when finished, 1200 ft² was achieved. We added a 60/40 sand:soil rootzone mix to the top and sodded with nursery tee sod. 1800 ft² was moved and a pallet of Staal Sod was ordered to complete the sides on Oct. 15th.



#6 Fairway Renovation (Aeration, Topdress, Overseed)

August 27-Sept 4, 2014



The #6 fairway has been the worst fairway since I arrived in 2011. It had a thick thatch layer and lots of annual bluegrass. The whole fairway was aerated in two stages over an 8 day period. Cores were busted up with vertical mower and thatch blown off into rough. It was toppedressed heavily and triple brushed to reincorporate sand/soil mix. 4 bags of divot mix consisting of dwarf bluegrass, perennial rye and fescue were broadcast and fairway was fertilized heavy with starter 18-25-11.

Fungicide was applied to fairway in late October with the intent that #6 fairway the best one out there in 2015!

#5/6/7 Fairway Drainage

September 8-October 9, 2014



This project began in the middle section from the edge of #5 fairway to the 6/7 pathway (378 feet long). This stretch had a 43 inch drop and 1.2% slope.

Next up was the last section crossing #7 fairway. Solid 4 inch pipe was used from pathway on 6/7 to the fairway on #7 (132 feet) so roots from the cluster of poplars do not infiltrate. 4 inch socked perforated pipe was installed across #7 fairway on both slopes, joined on the west side of #7 fairway edge and a solid line of 4 inch was continued into the bushes. Water will make its way to irrigation pond for recycling.

229 feet of perforated pipe on #7 fairway with another 50 ft of solid into the trees. The southern section (main line) was a 1.7% (average) slope and the north section branch line was 4.5% slope.

There was a 5.5 foot drop in this whole section.



The leftover material was moved to two areas. A larger tee is in the works for #4 red and white tees. Also, the bridge right of #3 green is to be replaced with a culvert so fill was needed.

On October 8th, the last (first) section was started on #5 fairway. Mainline and five laterals trenched with 0.83% minimum for all five laterals. 1.1% achieved for mainline link with middle section. All pipe socked perforated with sand backfill.



#5 Drainage 6" Mainline Repairs and Improvements

October 9-14, 2014

After exploratory digging, the 6 inch solid drain had a large, crushed section under the pathway and actually rose 3 inches in the last 15 feet. This section was replaced with a longer 30 foot piece that was dug down to drop 6 inches instead.

A problematic low area was also drained over top of the 6 inch main with 4 inch socked perforated drain pipe. A 54 foot trench was carved out.



#4/5 Pathway Drainage Improvements

October 14-22, 2014

Drainage added to a perennial soupy area between #4 and #5. 100 feet of drain pipe trench in. 70 feet perforated with final 30 feet solid tying into existing 6 inch mainline.



#4 Fairway/Rough Drainage by Red Tee

November 3-7, 2014

Drainage installed at the beginning of the fairway and drained back to the pond for recycling. Around 306 feet of trenching was performed and a 0.55% slope was attained. The trencher was pushed to its limit with over 36 inches deep at pond edge. Backhoe used on pond slope for last 10 feet. 5 trailer loads of sand used to fill trenches.

