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

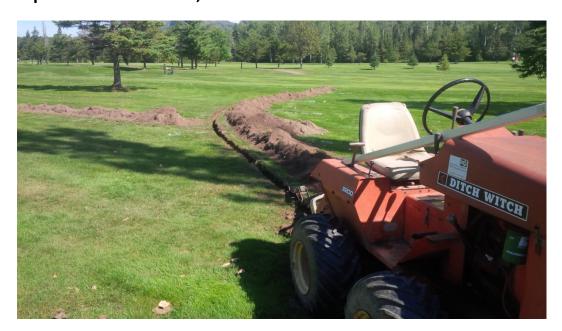


The #6 fairway has been the worst fairway since I arrived in 2011. It had a thick thatch layer and lots of annual bluegrass. The whole fairway was aerated in two stages over an 8 day period. Cores were busted up with vertical mower and thatch blown off into rough. It was topdressed heavily and triple 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.

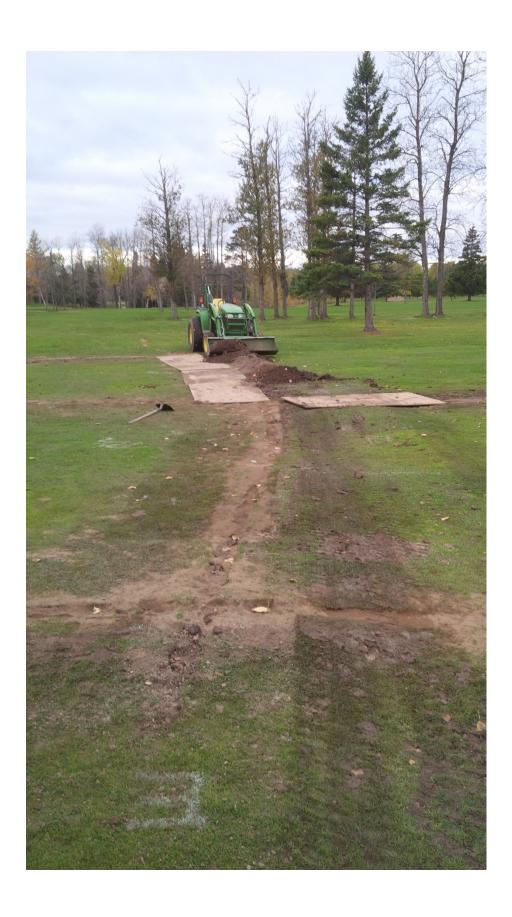
229 feet of perforated pipe on #7 fairway with another 50 ft of solid into the trees. The southern section (main line) was a 1.7% (average) slope and the north section branch line was 4.5% slope.





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 trenched 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.

