

Golf course infrastructure life expectancies

Project	Warm-season climates	Transition zone climates	Cool-season climates
Rebuild greens/collars/surrounds			
USGA/California/sand-based	12 to 25+ years	15 to 30+ years	20 to 35+ years
Push-up	25 to 50+ years	25 to 50+ years	25 to 50+ years
Regrass greens/collars			
USGA/California/sand-based	8 to 12 years	10 to 15 years	12 to 15 years
Push-up	8 to 12 years	10 to 15 years	12 to 15 years
Rebuild tees/surrounds			
	12 to 15 years	15 to 20 years	15 to 20 years
Regrassing			
Tees	8 to 12 years	10 to 15 years	12 to 15 years
Fairways	10 to 15 years	12 to 15 years	12 to 15 years
Approaches	10 to 15 years	12 to 15 years	12 to 15 years
Collection areas	10 to 15 years	12 to 15 years	12 to 15 years
Maintained roughs	15 to 20 years	17 to 22 years	20 to 25 years
Intermediate roughs	10 to 15 years	12 to 15 years	12 to 15 years
Native roughs/natural areas	5 to 20 years	15 to 25 years	15 to 25 years
Bunkers			
Rebuild bunkers/surrounds	10 to 15 years	15 to 20 years	15 to 20 years
Replace sand	5 to 8 years	7 to 10 years	8 to 12 years
Replace drainage piping/liners	5 to 8 years	7 to 10 years	8 to 12 years
Irrigation system			
Replace controllers/wiring/sprinkler heads/swing joints	8 to 10 years	10 to 12 years	10 to 12 years
Replace piping/valves/fittings			
PVC	20 to 25 years	25 to 28 years	27 to 30 years
HDPE	40 to 45+ years	40 to 45+ years	45 to 50+ years
Replace pump station/fertigation	8 to 10 years	10 to 12 years	12 to 15 years
Drainage (fairways/roughs)			
Replace corrugated metal pipe	15 to 20 years	20 to 25 years	25 to 30 years
Replace corrugated single-wall pipe	15 to 20 years	20 to 25 years	25 to 30 years
Replace PVC/double-wall pipe	20 to 30 years	20 to 30 years	25 to 35 years
Cart paths			
Replace asphalt	7 to 10 years	10 to 12 years	12 to 15 years
Replace concrete	15 to 20 years	15 to 20 years	15 to 20 years
Lakes			
Dredging	10 to 15 years	10 to 15 years	15 to 20 years
Replace lake liners	15 to 20 years	15 to 20 years	20 to 25 years
Rebuild lake edges	10 to 20 years	10 to 20 years	15 to 25 years
Bridges			
Resurfacing	8 to 12 years	12 to 15 years	12 to 15 years
Structural rebuilding	17 to 20 years	20 to 25 years	20 to 25 years
Replace bulkheading/retaining walls			
	12 to 17 years	15 to 20 years	20 to 25 years
Tunnels			
Replace tunnels	20 to 30 years	25 to 30 years	25 to 30 years
Replace sumps/pipes/grates/lights/mirrors/paths	10 to 15 years	10 to 15 years	15 to 20 years
Replace pine straw/wood mulch			
	6 to 12 months	6 to 12 months	12 months
Driving range			
Re-level/regrass practice tee	7 to 10 years	8 to 10 years	8 to 12 years
Rebuild practice tee	10 to 12 years	10 to 12 years	12 to 15 years
Regrass practice fairway/rough	10 to 15 years	12 to 15 years	12 to 15 years
Rebuild target greens/target bunkers	10 to 15 years	12 to 15 years	12 to 15 years
Short game practice area			
Regrass greens	8 to 12 years	10 to 15 years	12 to 15 years
Rebuild greens	12 to 25+ years	15 to 30+ years	20 to 35+ years
Regrass tees/fairways/roughs	10 to 15 years	12 to 15 years	12 to 15 years
Replace bunker sand	5 to 8 years	7 to 10 years	8 to 12 years
Rebuild bunkers/surrounds	10 to 15 years	15 to 20 years	15 to 20 years