



# Golf Cart Impact on Turf

---





# Taming Runaway Golf Carts

- **NOVEMBER 2, 2018 DAVE OATIS, REGIONAL DIRECTOR, NORTHEAST REGION, USGA**
- “Keep all four wheels on the path. There is a tendency to pull just off the edge of paths when parking carts to make room for passing carts. However, it is best to stay completely on the path and let other carts to go off the path to pass if necessary. When carts are pulled just off the path repeatedly in the same location turf dies, soils erode and cart paths gradually get wider.”
- Courses with four carts are dealing with two to four tires off the just off the cart path, with five carts RCSC courses area dealing two to ten carts just off the cart path



# Excerpt From - Golf Carts: Five Things Every Golfer Should Know

- MAY 9, 2018 BY GEORGE WATERS, LIBERTY CORNER N.J., USGA
- “A single golf cart driving down a fairway has little to no effect on turf health or playing conditions. It is the cumulative effect of many carts that eventually takes a toll on the grass. This is why cart damage is most obvious in areas where traffic is concentrated, like the ends of cart paths. Doing your best to steer clear of high-traffic areas can greatly reduce the impact of your cart.”
- The cumulative effect on RCSC courses increases by 40% when 5 carts are used versus 3



# Excerpt From - More Rounds, More Carts, More Damage

- NOVEMBER 6, 2020 STEVE KAMMERER PH. D., SENIOR CONSULTING AGRONOMIST, SOUTHEAST REGION, USGA
- “While the average weight of a golf cart can vary from around 500 to 600 pounds, this does not account for the weight of acid batteries, which can add another 400 to 500 pounds. So, say a cart with batteries and one set of clubs is 1,000 pounds. Add one rider that weighs 150 pounds, and you have 1,150 pounds in total. Traffic across one area of a fairway or rough where just 50% of the carts travel with 100 rounds of single riders equates to 57,500 pounds of weight on that turfgrass per day. That is almost 29 tons daily. Over the course of one month this equates to the weight of four Statues of Liberty (225 tons) compacting grass in a rough or fairway.”
- With 5 carts per group the amount of wear and tear is concentrated further







# Willowcreek Examples

---

12/16/2023



Wear Around Green and Tee Box





## Lakes West Examples





## Lakes West Examples

12/16/2023

Excessive Wear Around Green and Tee Box



# Riverview Examples



Excessive Wear Around Tee Box



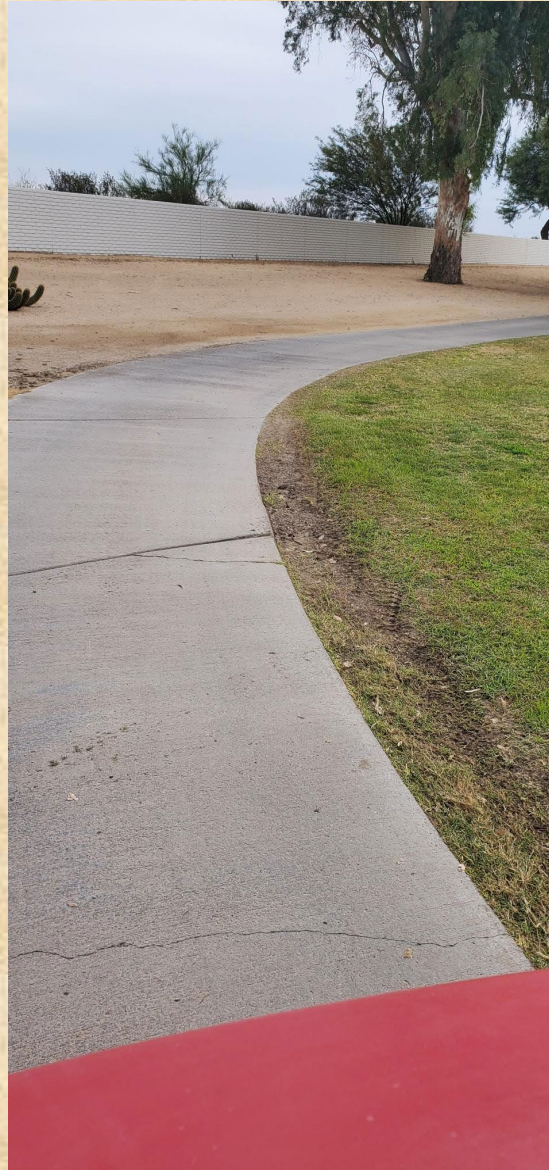
# South Examples

Wear Around Tee Boxes and Street  
Crossing





## Quail Run Examples



Excessive Wear Around Green and Tee Box