U.S. Senior Open Championship
Warren Golf Course at Notre Dame • Notre Dame, Ind. • June 27-30, 2019

**Superintendent of Golf Courses**
Matt Cielien, CGCS
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Certified Golf Course Superintendent (CGCS): Yes
Years as GCSAA Member: 18
Years at Warren Golf Course: 15
Years as a Superintendent: 15
Previous Courses: Point O'Woods CC (assistant), Winged Foot CC (intern), Arbor Hills CC (assistant)
Hometown: Jackson, Mich.
Education: Michigan State University

Number of Full-Time Staff Members: 22
Number of Tournament Volunteers: 55

**Other Key Golf Personnel**
Matt Yops, Assistant Superintendent
Nick Conklin, Assistant Superintendent
Hayden Clements, Assistant Superintendent
Cris Worm, Equipment Manager
John Foster, Manager

**Course Architect**
Course Owner: University of Notre Dame

**Tournament Set-up**
Par: 70
Yardage: 6,950
Stimpmeter: 11

**Course Statistics**
Average Tee Size: 6,000 sq. ft.
Acres of Fairway: 28
Acres of Rough: 55
Number of Sand Bunkers: 80
Number of Water Hazards: 4
Soil Conditions: Heavy to sandy
Drainage Conditions: Moderate to good

**Turfgrass**
Greens: L93 bentgrass / poa annua .110”
Tees: L93 bentgrass / poa annua .375”
Fairways: Providence bentgrass / poa annua .450”
Rough: Bluegrass / fescue / rye blend 3.5”

**Additional Notes**
- Two years of construction included fairway line alterations, new driving range tee and target greens, redesign and addition of four fairway bunkers and a greens expansion on No. 2.
- This is the first time the U.S. Senior Open has been held at a university facility. Warren Golf Course has hosted 2010 U.S. Women’s Amateur Public Links, four NCAA regionals, and 12 USGA championship qualifiers.
- The course is Audubon International certified.
- Staff maintains 50 acres of native grass lands.

Since 1926 the Golf Course Superintendents Association of America (GCSAA) has been the top professional association for the men and women who manage golf courses in the United States and worldwide. From its headquarters in Lawrence, Kan., the association provides education, information and representation to 18,400-plus members in more than 75 countries. GCSAA’s mission is to serve its members, advance their profession and enhance the enjoyment, growth and vitality of the game of golf.