



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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GOVERNOR

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E. NORRIS TOLSON
SECRETARY

June 2, 1998

MEMORANDUM TO: Dan DeVane
Deputy Secretary of Transportation

FROM: Whitmel H. Webb, III, P. E.
Manager
Program Development Branch

SUBJECT: US Open Accommodations

Per your request, I have prepared a list of activities by the NC Department of Transportation that are being implemented to enhance our State's impression on visitors to the US Open scheduled to be in Pinehurst on June 21-27, 1999. The list and accompanying documents are as follows:

- The Department plans major renovations to the existing traffic circle in Pinehurst. The accompanying graphic illustrates the improved geometrics. Currently, there are two traffic lanes around the circle but only one is being utilized. As shown on the graphic, the improved circle will feature two functional lanes with the outside lane operating as the exit lane and the inside lane as the through lane. This project will show up on the June 1998 Board agenda with an estimated cost of \$ 1,200,000.
- Also on the June 1998 Board agenda, the Department will spend an estimated \$ 81,000 to install traffic signals at the NC 211/SR 1210 and NC 211/SR 1209 intersections and upgrade the existing signal at the NC 211/NC 5 intersections. State of the art signalization will improve traffic flow and minimize delays.
- Major landscaping work is also planned throughout the Pinehurst entry corridors. As shown on the circle graphic, the circle will benefit from a complete renovation



featuring impatiens, petunias, marigolds, and others. The entry corridors to Pinehurst will benefit from spot landscaping at appropriate vistas which include

US 1 from the Highlands Golf Course to the Aberdeen signage,

NC 211/ US 15-501 from the Traffic Circle to US 1,

NC 2 E from the Traffic Circle to the Midland Road interchange, and

NC 5/ NC 211 intersection.

Some of the landscaping work has been completed. The estimated cost for the entire landscaping package is \$ 300,00.

- The Division Office has been working closely with the US Open Committee to ensure that a system of satellite parking/shuttle busses will adequately handle anticipated traffic. Alternate diversion plans are also being developed if it becomes necessary to re-route traffic to alternate overflow sites. This system will be complemented with variable message boards to advise visitors of best routing and parking.

Three major parking areas are being planned. First, traffic from Raleigh and Greensboro are expected to be routed to a 110 acre site off of NC 73 and then utilize shuttle busses. Second, traffic from the south (Rockingham and Fayetteville) will be directed to a 50 acre lot and then utilize shuttle busses. VIP parking will be directed via variable message boards to proceed to the Harness Tracks Lot near the intersection of NC 5 and Monticello Drive. In the event of approach traffic volumes significantly different from anticipated, diversion plans will be in place to minimize congestion and inconvenience.

See attached Transportation Plan which is being coordinated with Division 8.

- Improvements to US 1 planned under project R-210 are being delayed so that traffic from the Raleigh area approaching on US 1 will not have to go through a construction zone. Given the "tourist" nature of the anticipated traffic and the increased volumes during the US Open, the unfamiliarity of flow through a construction zone is not in the best interest of visiting motorists.

Thank you for providing me the opportunity to comment relative to the Department's efforts to make this very prestigious event a safe experience for our visitors and to put the State's best foot forward with new and attractive landscaping.

THE PINEHURST FAX

To: Dave Modlin **From:** Lee Bowman

Fax: (919) 733-3585 **Pages:** 7

Phone: **Date:** 06/02/98

Re: 1999 US OPEN Transportation Plan **CC:**

• **Comments:** Please give me a call if you have any questions (910) 295-8151.

Lee



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**1999 U. S. OPEN CHAMPIONSHIP
Pinehurst Resort & Country Club
Transportation Plan
(Revised May 10, 1998)**

I. Introduction

The Transportation Plan for the 1999 U. S. Open Championship can be summarized into four major themes: 1) provide comprehensive trail signage on all interstate highways beginning at the North Carolina state line and leading to the Pinehurst area for all vehicular traffic; 2) provide welcome signs and comprehensive trail signage to the Pinehurst area for all spectators utilizing major airports; 3) provide for spectator parking using satellite parking areas and shuttle buses; 4) provide the maximum amount of on site parking for contestants, officials, vendors, and corporate guests.

II. Traffic Patterns and Trail Signage

The North Carolina highway system is serviced by four major interstates: I-40, I-77, I-85, and I-95. The goal of our trail signage will be to secure the attention of spectators using these interstates and identify their primary routes to the Pinehurst area. Event signing will begin at the North Carolina state line. These signs will identify the preferred exit number for use by event spectators. Additional signs will be placed approximately one (1) mile in advance of these exits. Trail signs will begin at the ramp terminals for each of these exits. Trail signage on primary routes will be posted at regular intervals at every major interchange and at county lines. Spectators arriving by North Carolina interstates will be directed in the following manner:

Spectators traveling on I-40 East and I-77 South

- Informational signage will begin at the North Carolina state line. Trail signage will begin at the interchange of I-40 with I-77.
- Event traffic from I-77 will be routed onto I-40 East.
- In Greensboro traffic will be routed off I-40 East and onto U. S. 220 South.
- Event traffic will remain on U. S. 220 South until reaching NC 211.
- Spectators will be directed to take NC 211 East until they reach the Pinehurst area.

Spectators traveling on I-85 North and I-77 North

- Informational signage will begin at the North Carolina state line. Trail signage will begin at the interchange of I-85 with I-77.
- Event traffic from I-77 will be routed onto I-85 North.
- North of Charlotte traffic will exit I-85 onto NC 49 East.
- Event traffic will be directed from NC 49 onto NC 73 East.
- From NC 73 traffic will be routed onto NC 24/27 East.
- Event traffic will remain on NC 24/27 until reaching U. S. 220 South.
- At the intersection of U. S. 220 and NC 211, spectators will be directed to take NC 211 East until they reach the Pinehurst area.

Spectators traveling on I-85 South

- Informational signage will begin at the North Carolina state line. Trail signage will begin at the interchange of I-85 with U. S. 15-501 South.
- Event traffic will exit I-85 and continue on U. S. 15-501 South.
- In Durham traffic will be directed from U. S. 15-501 South to 147 West.
- From 147 West traffic will be routed onto I-40 East.
- Event traffic will remain on I-40 East until reaching U. S. 1 South outside of Raleigh.
- Spectators will take U. S. 1 South to Sanford where they will exit back onto U. S. 15-501 South which will then lead to the Pinehurst area.

Spectators traveling on I-95 North and I-95 South

- Informational signage will begin at the North Carolina state line. Trail signage will begin at Exit 44.
- All event traffic traveling on I-95 will be routed to Exit 44 in Fayetteville.
- From Exit 44 spectators will be directed to U. S. 301 North.
- Spectators will then be routed to U. S. 401 South.
- Event traffic will remain on U. S. 401 South until reaching NC 211 West in Raeford.
- NC 211 West will lead spectators to the Pinehurst area.

III. Airport Welcome Signs and Trail Signs

Welcome signs will be displayed at primary airports (Charlotte Douglass International, Raleigh-Durham International, Piedmont Triad International, Fayetteville Regional Airport, and Moore Regional Airport) to greet contestants, officials, and spectators. Information desks will be staffed and located in principal terminals to answer any questions. Officials and special guests will be provided complimentary shuttle service or courtesy vehicles through the sponsoring rental car agency. A complimentary shuttle service for all spectators will run between Moore Regional and the Pinehurst Resort. Trail signage will direct spectators from airports using the ensuing routes:

From Charlotte-Douglass International (CDI)

- Trail signage will lead from CDI to U. S. 521
- Traffic will exit 521 onto I-85 North.
- From I-85 North spectators will follow the regular trail signage to the primary routes.

From Piedmont Triad International (PTI)

- Trail signage will lead from PTI to U. S. 421 West.
- Spectators will be routed from U. S. 421 West to NC 66 South.
- Traffic will exit NC 66 onto I-40 East.
- From I-40 East spectators will follow the regular trail signage to the primary routes.

From Raleigh-Durham International (RDU)

- Trail signage will lead from RDU to I-40 East.
- Traffic will exit I-40 East onto U. S. 1 South outside of Raleigh.
- From U. S. 1 South spectators will follow the regular trail signage to the primary routes.

From Fayetteville Regional Airport (FAY)

- Trail signage will lead from FAY to U. S. 301 North.
- From U. S. 301 North spectators will follow the regular trail signage to the primary routes.

IV. Satellite Parking Areas

Upon entering Moore County spectator traffic will be directed to two satellite parking areas. The selection of the satellite parking locations took into account three traffic management goals: to minimize the volume of event generated traffic within the area bounded by NC 211, NC 5, Morganton Road, and U. S. 15-501; to maximize the amount of available parking on site for contestants, corporate guests, media, officials, staff, vendors, and volunteers; and to minimize the required shuttle bus turnaround time. The satellite lots will be located off Hwy 73 (North lot) and U. S. 1 (South lot). The North lot is one hundred (100) acres in size and can park approximately 10,000 vehicles. The South lot is fifty (50) acres in size and can park approximately 5,000 vehicles. Traffic from our primary routes will be routed to the appropriate lots as follows:

From U. S. 15-501 South (RDU and the Triangle area)

- All traffic will be routed down U. S. 15-501 South until reaching NC 73.
- Spectators will be directed to take a right onto NC 73 West.
- The North lot is located approximately two (2) miles on the right.

From NC 211 West, U. S. 1 South, and U. S. 15-501 North (Local traffic and I-95/Fayetteville)

- All traffic will be routed to the South lot located at the corner of SR 1103 (Sand Pit Rd) and SR 1112 (Roseland Road)
- Northbound traffic from Fayetteville and South Carolina will make a left hand turn onto U. S. 1 South from NC 211 West/U.S. 15-501 North.
- Traffic will be directed to take a right onto SR 1112 (Roseland Road).
- The main entrance for the South lot will be located off SR 1112 (Roseland Road) approximately three (3) miles on the left.

From U. S. 1 North (Rockingham)

- Spectators coming from U.S. 1 North (Rockingham) will be routed to the South lot via SR 1103 (Baltimore Avenue) in Pinebluff.
- Traffic will make a left hand turn onto Baltimore Avenue and continue for approximately one (1) mile.
- This traffic will be directed to make a right hand turn onto SR 1103 (Sand Pit Road) and will be directed to the South lot approximately one and a half (1.5) miles on the right.

From NC 211 East via U. S. 220 South (Charlotte and the Triad area)

- Traffic will remain on NC 211 East until turning left onto SR 1239.
- This traffic will continue on SR 1239 for approximately two (2) miles.
- Spectators will make a left hand turn onto SR 1229 and continue on SR 1229 for approximately two (2) miles.
- This traffic will turn right onto SR 1210 and be directed to the North parking lot approximately two (2) miles on the left.

The traffic mix for our satellite parking areas should be broken into acceptable percentages based on previous tournament experience. Spectators traveling on NC 211 East and the Triangle area should make up approximately 60% of the total general spectators while the other 40% will come primarily from local traffic and traffic coming from I-95. Should an overflow situation arise in either lot, spectators will be redirected onto U. S. 15-501 and then to the appropriate parking area.

In addition to direction from trail signage and changeable message signs, the 1999 U. S. Open Championship will have traffic support from over seventy (70) North Carolina State Highway Patrolmen as well as local support from the Moore County Sheriff's Department, the Pinehurst Police Department, the Southern Pines Police Department, and the Aberdeen Police Department. Officials and staff from the North Carolina Department of Transportation will monitor traffic flow and provide assistance as necessary.

V. Shuttle Service

Shuttle routes from the satellite parking areas have been developed to minimize interference with spectator traffic. Spectator entrances to satellite parking areas will be designed to prevent the mixing of spectator traffic with buses. From the North Lot buses will proceed down SR 1209 until they reach NC 5 South (12 miles round trip). Buses will continue down NC 5 South until they reach the Pinehurst Harness Track which is located directly across from the Main Admission Gate. From the South Lot buses will proceed north approximately 3.2 miles on NC 5 before reaching the Harness Track.

During the Championship sixty (60) coach buses will be used to transport spectators to the event. An additional (30) buses will be added in the afternoons to assist with spectator departures. Buses from the North Lot will enter the Harness Track from the north entrance and proceed to a circular staging area at the north end of the harness track. For the return trip to the North Lot, buses will exit the Harness Track using the Morganton Road access. Buses from the South Lot will access the south entrance of the Harness Track and proceed to a circular staging area at the south end of the harness track. For the return trip to the South Lot, buses will exit back onto NC 5 using the south entrance. Special wheel chair accessible vans will be used to transport handicapped spectators from both satellite parking areas to a reserved section of the Harness Track. From the track handicapped spectators will be transported to designated viewing areas on course.

Upon arrival to the Harness Track, spectators from both lots will be unloaded into a common receiving area. From there they will be routed past NIKE Fanfest and across Morganton Road to the Main Admission Gate (Morganton Road will be closed from the Harness Track exit to Doral Drive). Morganton Road thru traffic will be detoured away from the event using Monticello Road. For evening departure or in case of severe weather, as many as forty (40) queuing stations can be utilized at the Harness Track. In the case of severe weather, spectators will have access to Harness Track barns before being returned to the satellite parking areas.

VI. On Site Parking

On site parking includes spaces for caddies, contestants, corporate guests, media, officials, staff, vendor, and volunteers. On site parking will be divided into Clubhouse parking, VIP parking, Preferred parking, and Proximity parking. Clubhouse parking will consist of parking for caddies and volunteer chairmen, contestant parking, corporate clients, and officials. Parking for caddies and chairmen will be located in Marshall Park. This area can provide approximately one hundred fifty spaces and could serve to provide extra spaces on the weekend. Caddies and chairmen utilizing Marshall Park should use the Carolina Vista entrance.

Contestant Parking will be located in the upper clubhouse parking area. Overflow parking will be located in the lower clubhouse parking. A valet service will be offered for contestants at the main entrance to the Members Club. The Carolina Vista entrance will be the primary access for contestants.

Officials and USGA staff will have the primary access to the lower clubhouse parking area and tennis parking areas. Limited Parking for corporate guests will be located in the lower clubhouse parking lot and the area surrounding the west tennis courts. Access to corporate parking will be via Carolina Vista Drive. Vendors located in proximity to the clubhouse will park along the railroad tracks.

Media, clubhouse staff, and volunteers will be directed to proximity parking areas and shuttled a short distance to the golf course. Media will be directed to park at Pinecrest High School. This area will accommodate over six hundred cars and is located approximately four miles from the Media Village. Deluxe vans will provide transportation for the Media to the Media Village. Clubhouse staff and overflow Hotel staff will park at Pinehurst Elementary School. From this location staff will have a short shuttle ride to the Resort Club and the Pinehurst Hotel. Out of town volunteers will be directed to Wicker Park while local residents will utilize golf cart parking located on the 1st hole of course No. 3. On course volunteers may park with concession volunteers on the 14th, 15th, and 16th holes of course No. 4.

Patrons of Tufts Village, the Trophy Club, the Medallion Club, and the majority of vendors will access parking located off Morganton Road. Tuft's Village patrons will park on the 15th, 16th, and the 2nd holes of course No. 1. Access to course No. 1 will be from Doral Drive. Additional parking for Tuft's Village, Trophy Club, and Medallion Club patrons will be available at the large Pinehurst Harness Track. Trolley service will be provided for corporate clients from the large track to the Main Admission Gate and to the Clubhouse Admission Gate.

Parking for the majority of vendors will be in their respective compounds. Television personnel will park on the 7th Fairway of course No. 4 adjacent to their compound. Concession and catering staff will park on the 14th, 15th, and 16th holes of course No. 4.