Distributed Antenna System
Kenan Stadium, UNC at Chapel Hill
BI-WEEKLY PROGRESS MEETING
July 9, 2014

The bi-weekly progress meeting for the above referenced project was held on Wednesday, July 9, 2014 at 9:30 AM. The following representatives were present at the meeting:

Corley Redfoot Architects Inc. Ken Smith
CTS Charles McClendon, Ron Standley
Dave Ramer
University of North Carolina Dana Leeson, Nate Hilton
James Spurling
Bass Nixon and Kennedy Larry Nixon

1. Exceptions to Minutes of Last Meeting

   There were no exceptions to the minutes of the previous meeting.

2. CTS Discussion & Comment

   CTS has distributed an electronic copy of the schedule status update; a copy of that schedule is attached to these minutes.

   North Box –

   • Facilities asked to have an antenna relocated that was being mounted on the face of the column left of the Kenan insignia facing the north gate; the conduit has been removed; the antenna will be relocated.
   • No antennas have been installed on the north side since the last progress meeting.
   • The access panels for the north box have arrived on site.

   Loudermilk –

   • The antenna installation is starting on the plaza side at concourse level.
   • The installation at plaza level has been raised up to Level 4 and the holes for the raceways will begin installation on July 12 & 13.
   • The ceiling access panels are now in for Loudermilk and CTS will begin installing them at night.
   • The racks have been relocated in the Level 4 Telecom room at the direction of Frank Hall with ITS.
South Box –

- The power plant pad was being placed on the south side on the day of the meeting.
- The platform material has been received and the east platform on the south box has been installed; the next to be installed is the west platform on the south box.
- The power plant will be installed at the south box the week of July 14.
- The antennas have been installed on the south box at the field level and the upper level K-frames; conduit is being run at the lower edge of the upper level but no antennas have been installed in this area.

Football Center –

- CTS is considering starting the antenna installation on the east face of the Football Center prior to the installation of the stealth enclosures.
- CTS has a camera on the way to determine where the blockage is in the raceway between Loudermilk and the Football Center; this is impending fiber installation to the Football Center; Johnny Heath has been contacted and is getting Chris over to help determine what the problem is with the raceway.

Field Level –

- The cost for the padding at the tarmac level at the west end of the field has been passed on to CTS; since the cost is over $5,000, CTS has to pay the vendor directly rather than passing it through UNC; CTS has to get the vendor to execute CTS contractual documents since the vendor will be installing the padding.
- Everything is complete at the tarmac level.
- The analog phone box just inside the south tunnel at Loudermilk was relocated on July 8.
- CTS passed on the electronic copy of the SCO electrical inspection for the tarmac trenches.

3. UNC Discussion & Comment

James Spurling –

- James emphasized how critical it was to have the padding completed at the west end zone by the first home game.
- James noted that the Owner would have large fiberglass tubs filled with ice water in the vicinity of Sections 109/110/11/112 on July 26 & 27 for the players use after practice for cooling off.
- James also cautioned the contractor that the traffic in the stadium will be picking up significantly in the next couple of weeks.
• James suggested that the contractor wait until closer to the end of the work to paint the areas disturbed at the tarmac level; the contractor the Owner uses for painting the tarmac is Ron Parks; James suggested that Ron Parks bill CTS directly for the paint.
• James advised the contractor that he should push for completing all the outside work at Level 5 of the north box as soon as possible because James has to change out 12 TVs at this location and also begin preparing for all the pregame activities that will begin to take place at this level; CTS agreed that this was no problem.
• Dana advised the contractor that the local utility company, OWASA, has a problem on Ridge Road and will be closing it from the parking deck to Manning Drive. Manning Drive will be closed from Ridge Road to Skipper Bowles Drive on August 11. The contractor should take these closure into account when scheduling deliveries.

4. **BNK Discussion & Comment**

   Larry Nixon –

   • Larry asked when the NEMA cabinets would be on site and Charlie McClendon advised that they were already on site but some missing components would not arrive until July 11; three cabinets have been set already; by July 17 Charlie feels that 99% of the cabinets will be in place; Larry will plan to look at what is in place on July 16 after the next progress meeting.

5. **CRA Discussion & Comment**

   Ken Smith –

   • Ken advised that he would contact LHC about the ongoing erection of the platform so Rob Stevenson can review the installation to see if there are any issues; Ken will also follow up on the requirement for hot dipped construction on the frames for the platforms.
   • Ken asked when the stealth enclosures would be on site and was advised by Ron Standley that they should arrive around July 17th and installation will likely start on July 21st; Ken Smith will contact Clint Gwaltney to let him know so he can swing by and see the first enclosures as they are installed.

6. **General Discussion & Comment**

   Dave Ramer –

   • Dave will issue a new master schedule update on July 14th.
Charles McClendon –

- Charlie McClendon asked James if Ron Parks would consider selling CTS the paint for use in painting the tarmac; James said that was a possibility.

The general consensus of the group was that work was proceeding according to plan and there were no incidents to report.

Ken Smith thanked the attendees for their time and advised everyone that the next monthly progress meeting is scheduled for Wednesday, July 16, 2014 at 9:30 AM.

The above items are the Designer’s summary of the discussions that took place during the meeting. Should any recipient of a copy of these Minutes disagree with or have a comment concerning any of the items, please respond in writing to the Designer within five (5) days of receipt of the Minutes. Otherwise, these Minutes will stand as correct and as an accurate record of the project status.

Respectfully submitted,

Ken Smith
KES/kes

Cc: Kenan DAS Team Members