



ADDENDUM NO. 2

Date: April 8, 2015

Distribution: Bidders via <http://purchasing.sc.edu>

Project: Columbia Hall Parking Lot Renovation
Project Number: H27-Z201

This document comprises Addendum No. 2, and forms a part of the Contract Documents and modifies the original bidding documents as noted herein. Acknowledgement of the receipt of this Addendum in the space indicated on the Proposal Form is required. Failure to do so may subject the Bidder to disqualification.

Bid Opening:

Bid Date and Time: Thursday, April 16, 2015 at 3:00pm
University of South Carolina
743 Greene Street
Columbia, SC 29208
Conference Room 53

Bidders are responsible for having their bid at the designated room for receiving bids no later than the time set for the bid opening. Once the bid has been declared closed, all late bids, including bids improperly delivered, shall be rejected as being non-responsive.

The bids sent by Courier should be addressed to (Mailing is not recommended):

University of South Carolina
743 Greene Street
Columbia, SC 29208
Attn: Hatice Hikmet

RFIs:

The deadline to submit questions is Thursday April 9, 2015 by 5:00pm. All questions must be submitted via email to the project engineer. The project engineer is Gerald A. Lee, PE gerald@chaoinc.com. Questions submitted before the deadline will be answered in an addendum that will be posted at <http://purchasing.sc.edu> no later than 5:00pm on Friday April 10, 2015.

General Note:

We will allow the use of GABC base course in lieu of the cement stabilized base. Please note the differences in asphalt thickness as well based on the type of base that is selected.

Construction Drawings

The attached drawings have been revised after the bid sets were issued. Please use the revised drawings in preparation of your bid.

The following items were changed:

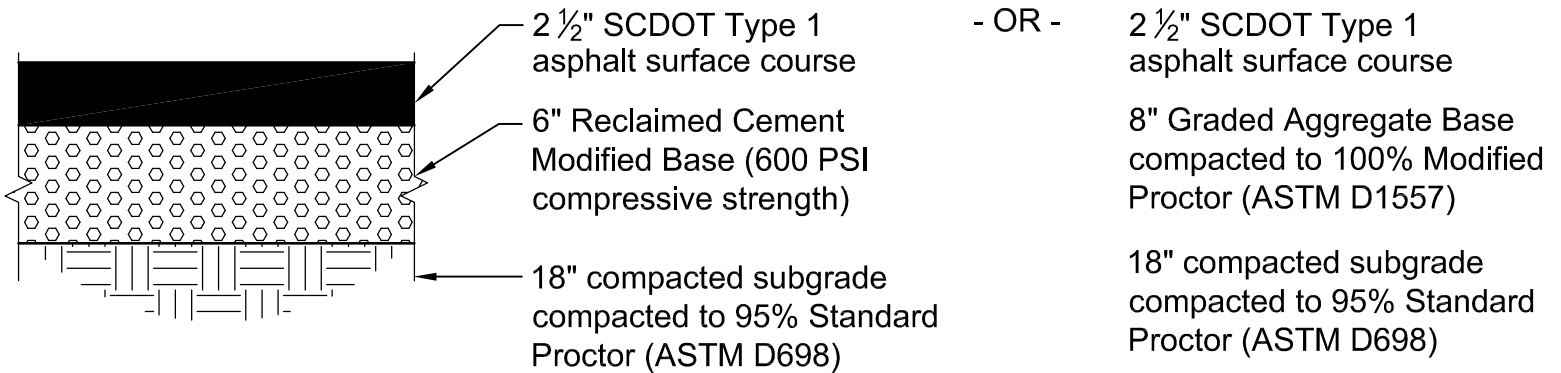
-The pavement sections have been revised to include the option of using GABC or cement stabilized base. All excavated material is unclassified and must be removed from the site and disposed of in a legal manner at the contractor's expense.

Bidder Submitted Questions and Responses:

1. The typical details for the heavy and light duty concrete show macadam base under the concrete. These areas are small and will be very difficult to set up the base material uniformly. Can we do soil cement instead on both projects?
Response: Yes we will allow these areas to be cement-stabilized.
2. There are areas on both sites that will need some topsoil to backfill behind the new curb. Is this to be part of these contracts or will the landscaper?
Response: The contractor will be responsible to backfill all new curbing with suitable material. For the area at the south end of Wardlaw the contractor is to carefully remove the pavement and curbing from under the trees only. The owner will be responsible for restoring the grounds (adding topsoil and mulch) in this area. All work within the root zone of protected trees must be done under direct supervision of the owner's arborist.
3. Will any temporary grassing be required?
Response: Per SCDHEC temporary grassing is required if work has stopped for more than 14 days. The construction window is short on both projects. I don't see where there will be 14 days of idle time on either site.
4. Can fibermesh be used in lieu of the wire mesh in the concrete paving?
Response: We prefer the wire mesh as designed however if the contractor desires to use fiber mesh we will require dowels to be installed at all control joints to prevent differential settlement.
5. Both spec books show that there is supposed to be a Letter of Pavement Recommendations
Response: Please refer to geotechnical report included in the project manual for pavement recommendations and compaction requirements.
6. Will builder's risk insurance be required? There will be little material on either of these projects.
Response: The contractor will be responsible for protection of their equipment and materials stored on site for the duration of the project as they seem fit.
7. Will as-built drawings be required? If so, will red-lined drawing suffice?
Response: Yes, we will need an as-built to verify elevations and positive drainage.
8. Paragraph 15 in the USC Supplemental General Conditions for Construction Projects states that tree protections fencing is to be 5" chain link fence and a 4" layer of mulch is to be placed over the tree protection area.

- a. Can the orange reflective fencing be used?
Response: Chain link, not orange fencing is required for tree protection. FYI, any plastic fencing used is to be a neon-yellow-green color, not orange.
- b. Will the mulch be required?
Response: Placement of supplementary mulch will be required.
9. Paragraphs 16 and 17 in the above referenced project state the procedures for crossing tree root zones. There are several areas in the existing parking lot that contain tree roots. There are several areas, particularly at Wardlaw, which will have roots under the new construction.
- a. Will these procedures be required?
Response: USC acknowledges that the parking lots contain existing tree roots that will be affected by construction. Root protection guidelines in paragraphs 16 & 17 the USC Supplementary General Conditions refers to incidental damage to tree roots in preserved areas, not within actual construction footprints. The contractor shall notify the USC Arborist prior to any excavation affecting trees to coordinate work and minimize excavation and damage. USC Arborist will make recommendations for root pruning and/or preservation with the pavement section.
- b. What type of guarantee will the contractor be required to provide for the continued health of the trees whose roots will be damaged?
Response: Guarantees of future tree survival are, unfortunately, not feasible.
10. Paragraph 3.5A1 on page 311000-3 states to "remove obstructions" a depth of 18" in new construction. Does this include the existing tree roots?
Response: The University's arborist shall be consulted when work involves the roots of living trees.
11. Will the dumpster enclosures at each location be done by the College?
Response: Yes, the dumpster enclosure at Wardlaw College will be installed by the University. Contractor is responsible for the dumpster pad and bollards.
12. On sheet C2.0 of the Wardlaw plans, there are two small boxes in the new sidewalk at the concrete driveway. Do these represent detectable warning surfaces?
Response: Yes, these are detectable warning surfaces.
13. What is the top elevation of the sewer manhole at Wardlaw that needs to be lowered?
Response: It is approximately 103.5'
14. The soils report for Wardlaw shows there is some loose soils on this site. Considering the proximity of the buildings, how do you want to deal with this if encountered?
Response: The handling of loose soil conditions is defined in the geotech report included in the project manual. The close proximity of the building should not be an issue even if over excavation is required as the building's lowest floor is several feet below parking lot grade.

Attachments: Revised Construction Drawings Sheet C4.0

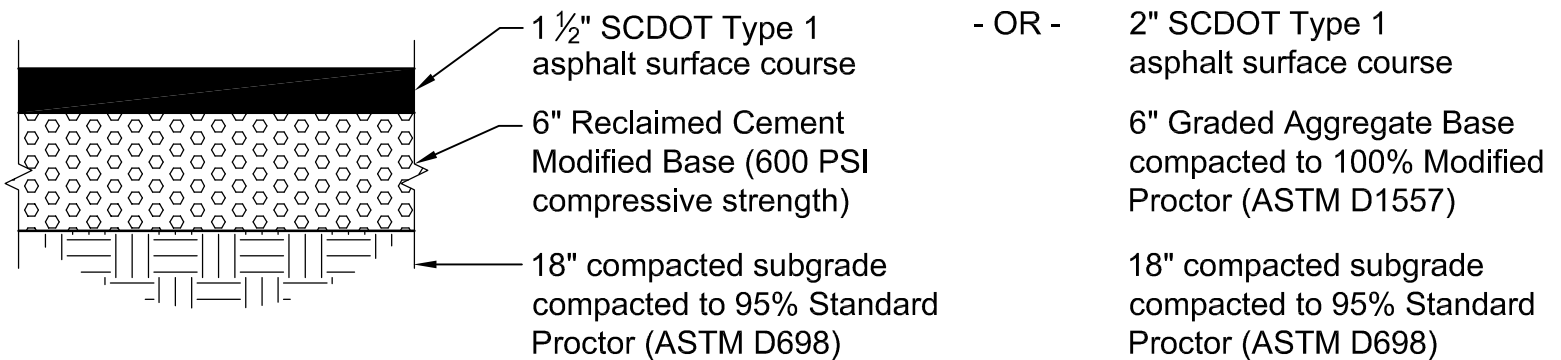


- Notes:**
1. Reclaimed Cement Modified Base blending should be conducted in accordance with a minimum blend rate of 8% by weight of Type 1 or 3 cement, and the blend should achieve a required average compressive strength of 600 psi. The selected reclaimed materials should be collected and tested to determine the spread rate in pounds per square yard (psy) upon selection of the quarry.
 2. All excavation is unclassified. All excess material shall be hauled off site and disposed of in a legal manner.

Reference:
 Columbia Hall Parking Lot Letter of Pavement Recommendation prepared for Chao & Associates, Inc. by GS2 Engineering, project# 14-1310-C. Dated October 30, 2014. Refer to the above document for specific construction procedures and recommendations.

Heavy Duty Asphalt Pavement Section

Not to scale



- Notes:**
1. Reclaimed Cement Modified Base blending should be conducted in accordance with a minimum blend rate of 8% by weight of Type 1 or 3 cement, and the blend should achieve a required average compressive strength of 600 psi. The selected reclaimed materials should be collected and tested to determine the spread rate in pounds per square yard (psy) upon selection of the quarry.
 2. All excavation is unclassified. All excess material shall be hauled off site and disposed of in a legal manner.

Reference:
 Columbia Hall Parking Lot Letter of Pavement Recommendation prepared for Chao & Associates, Inc. by GS2 Engineering, project# 14-1310-C. Dated October 30, 2014. Refer to the above document for specific construction procedures and recommendations.

Standard Duty Asphalt Pavement Section

Not to scale

