



**UNC Charlotte Union Parking Deck Expansion**  
**SKA Project No. 160367.1**  
**SCO ID No. 16-15657-02A**  
**March 19, 2017**

**Subject: Addendum #03**

Bidder is hereby notified that this Addendum #03 shall hereby become a part of the Contract Documents, and shall be attached to the Project Manual for the Project.

The following items are intended to revise and clarify the Drawings and the Project Manual.

The bidder shall see that his Sub-Bidders are in full receipt of the information contained herein.

- 
1. Refer to attached supplemental Drilled Pier Schedule and note the following:
    - a. Base Bid Rock allowances are indicated for each pier size on the Project in terms of both linear footage and cubic yard volume.
    - b. Design Loads (Total including weight of Caisson) are included.
    - c. Some Pier Diameters have been revised. A 5'-6" pier has been added.
    - d. Pier reinforcement for the 6'-0" pier has been revised.
  2. Casing for drilled piers shall be equipped with carbide teeth and spun into the rock formation to the depth necessary for required bearing and sealed to the top of the rock
  3. The total base bid caisson rock allowance is increased to 77.2 cubic yards and is broken down by pier diameter as follows:
    - a. 3'-0"..... 13.6 cy
    - b. 3'-6"..... 10.3 cy
    - c. 4'-0"..... 24.4 cy
    - d. 4'-6"..... 8.2 cy
    - e. 5'-0"..... 9.5 cy
    - f. 5'-6"..... 4.4 cy
    - g. 6'-0"..... 6.8 cy

A new "Form of Proposal" will be issued in a later Addendum.

Submitted by:  
**SKA Consulting Engineers, Inc.**

Timothy E. Cook, PE  
Senior Project Manager, Structural Engineering Group - Charlotte

**--END OF ADDENDUM #03--**

QUALITY. INTEGRITY. INNOVATION.

# ADDENDUM #3 - UNION DECK EXPANSION DRILLED PIER SUPPLEMENTAL SCHEDULE

col	caisson mark	req'd dia	surface elev	bottom elev	rock remove length (LF)	applied load (kips)
A-22	CA1	3	615	541.5	1.5	703
A-23	CA2	3	615	551.5	3.5	907
A-24	CA3	3	615	541	4.0	913
A-25	CA4	3	615	551	7.0	908
A-26	CA5	3	616	550	5.0	800
A-26.8	CA6	3	615	547	5.0	814
B-21	CA7	4.5	612	559	5.0	1621
B-23	CA8	5.5	612	560	5.0	2285
B-24	CA9	3.5	615	556	7.0	1380
B-25	CA10	4	615	556	5.0	1436
B-26	CA11	3.5	615	559	3.0	1241
B-26.8	CA12	4	616	558	5.0	1372
C.4-21	CA13	3	613	554	4.0	1163
C.6-21	CA14	3	613	553	2.0	994
C.5-23	CA15	5	613	553	2.0	2437
C.5-24	CA16	4	615	558	4.0	1397
C.5-25	CA17	3.5	615	555	2.0	1437
C.5-26	CA18	3.5	616	556	3.0	1262
C.5-26.8	CA19	4	616	559	3.0	1324
E.3-2	CA26	4	615	561	4.0	1272
E.3-3	CA27	4	615	559	4.0	1295
E.3-4	CA28	4	614	562	8.0	930
E-21	CA20	5	613	560	3.0	1886
E-23	CA21	6	615	558	5.0	2477
E-24	CA22	4	615	559	4.0	1461
E-25	CA23	5	615	559	3.0	1570
E-26	CA24	4.5	615	563	5.0	1354
E-26.8	CA25	5	615	563	5.0	1729
F-28	CA37	4.5	614	565	4.0	1422
E.8-21	CA29	3.5	611	561	3.0	747
E.8-22	CA30	3	613	565	0.0	111
F-22	CA31	3.5	613	556	3.0	872
F-23	CA32	3.5	613	557	3.0	996
F-24	CA33	4	614	555	5.0	1026
F-25	CA34	4	614	569	2.5	995
F-26	CA35	4	614	558	5.0	1106
F-x1	CA36	4	614	568	4.0	967
F-x4	CA38	4	614	562	4.0	1163
NW-stair	CA39	3	613	550	2.0	757
NE-stair	CA40	3	614	559	2.0	798
SE-stair	CA41	3	614	553	14.0	745
SW-stair	CA42	3	613	550	2.0	772

	Quant	dia	rock rmv length	rock vol (cy)
	13	3'	52.0	13.6
	7	3.5'	29.0	10.3
	13	4'	52.5	24.4
	3	4.5'	14.0	8.2
	4	5'	13.0	9.5
	1	5.5'	5.0	4.4
	1	6	6.5	6.8
	<b>totals</b>	<b>42</b>		<b>77.2</b>

### DRILLED PIER REINFORCEMENT:

DIAMETER	VERTICAL REINFORCEMENT
3'-0	(11) - #9
3'-6	(14) - #9
4'-0	(19) - #9
4'-6	(23) - #9
5'-0	(29) - #9
5'-6	(27) - #10
6'-0	(32) - #10

PROVIDE SPIRAL HOOP REINF REINF AS SHOWN ON DRAWINGS - (#4 @ 18").  
 REVISE COVER OVER TIE REINF TO 4" CLEAR (FROM 6")