



February 10, 2012

ADDENDUM NO. 1
TO THE CONTRACT DOCUMENTS
For the Construction of
McCachern Boulevard Improvements
City of Concord
850 Warren C. Coleman Boulevard
Concord, NC 28206



TO ALL PLANHOLDERS:

The bid date and time has **NOT** changed by this addendum. Bids will be received in Conference Room C Alfred M. Brown Operations Center, 850 Warren C. Coleman Blvd. (Hwy 601 S.), Concord, NC 28026 until 4:00 PM on February 21, 2012.

The following clarifications, changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of McCachern Boulevard Improvements as fully and completely as if the same were fully set forth therein:

SECTION I – BIDS, AGREEMENTS AND NOTICES

- A. **BID FORM:** REPLACE the BID FORM with the attached revised version. Bid items unclassified excavation (CY) and removal of existing pavements (SY) were removed and replaced with grading (LS) and undercut excavation (CY). Bid item asphalt concrete surface course, S9.5A was changed to asphalt concrete surface course, S9.5B. Bid item Inlaid reflective thermoplastic asphalt was changed to Asphalt Pavement Texturing.
- B. **PROJECT SPECIAL CONDITIONS:** REPLACE sheet II-9 with the attached Addendum 1 – Replacement Page II-9. Condition numbers 28 and 29 were added.
- C. **PROJECT SPECIAL PROVISIONS:** REPLACE sheet III-6 with the attached Addendum 1 – Replacement Page III-6. Special provision was changed from Inlaid reflective thermoplastic asphalt to Asphalt pavement texturing.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 in the designated boxes as provided in the BID FORM.

Sincerely,

M. Sue Hyde

M. Sue Hyde, PE
Engineering Director

UNIT PRICE SCHEDULE

City Project # 2008-031

TIP #: C-4919

	Sect.		Quantity	Unit	Unit Price	Total Amount
No.	No.	Item Description				
ROADWAY ITEMS						
1	800	Mobilization	1	LS		
2	226	Grading	1	LS		
3	226	Undercut Excavation	50	CY		
4	310	15" R.C. Pipe Culverts, Class III	245	LF		
5	310	18" R.C. Pipe Culverts, Class III	175	LF		
6	545	Incidental Stone Base	225	TN		
7	607	Incidental Milling	350	SY		
8	610	Asphalt Concrete Base Course, Type B25.OX	493	TN		
9	610	Asphalt Concrete Intermediate Course, I19.OB	255	TN		
10	610	Asphalt Concrete Surface Course, S9.5B	1019	TN		
11	620	Asphalt Binder for Plant Mix, Grade 64-22	95	TN		
12	801	Construction Surveying	1	LS		
13	840	Masonry Drainage Structures; NCDOT STD. 840.01	11	EA		
14	840	Masonry Drainage Structure	3	LF		
15	840	Frame with grate and Hood; NCDOT STD. 840.29	15	EA		
16	840	Frame with Cover NCDOT 840.54	4	EA		
17	SHT 21	Masonry Drainage Structures; City STD. Double	2	EA		
18	846	2'-6" Concrete Curb and Gutter	2108	LF		
19	846	6" Vertical Curb; NCDOT STD. 846.01	160	LF		
20	848	4" Concrete Sidewalk	563	SY		
21	848	6" Concrete Driveway – NCDOT STD. 848.03	891	SY		
22	848	Concrete Wheelchair Ramps	15	EA		
23	852	5" Monolithic Concrete Island (Keyed In)	30	SY		
24		4" Concrete Cover	71	SY		
25	859	Convert Existing Catch Basin to Junction Box	4	EA		
26	901	Contractor Furnished, Type C Sign	20	SF		
27	903	Supports, 3 lb steel U-channel	48	LF		

28	904	Sign Erection, Type C	6	EA		
29	1205	Thermoplastic Pavement Marking Lines, 24" 120 mils	180	LF		
30	1205	Thermoplastic Pavement Marking Lines, 8" 90 mils	116	LF		
31	1205	Thermoplastic Pavement Marking Lines, 4" 120 mils	6170	LF		
32	1205	Thermoplastic Pavement Marking Lines, 8" 120 mils	268	LF		
33	1205	Thermoplastic Pavement Marking Symbols, 90 mils	21	EA		
34	1605	Temporary Silt Fence	220	LF		
35	1631	Matting for Erosion Control	100	SY		
36	1660	Seeding and Mulching	0.27	AC		
37	SP-1	Traffic Control	1	LS		
38	SP-2	Sawcut	2480	LF		
39	SP-3	Topsoil	292	CY		
40	SP-4	Asphalt Pavement Texturing	1200	SF		
41	SP-5	Inlet Protection	6	EA		
		WATER ITEMS				
42	SPU-1	Relocate Ex. Fire Hydrant	2	EA		
		LANDSCAPE ITEMS				
43	SHT 11	Muskogee Crape Myrtle	12	EA		
44	SHT 11	Parrotia	12	EA		
45	SHT 11	Concorde Barberry	19	EA		
46	SHT 11	Royal Purple Liriope	3025	EA		
47	SHT 11	Hameln Fountain Grass	19	EA		
48	SHT 11	Mulch for planting	95	CY		

TOTAL BASE BID	\$
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(f) qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, political affiliation or belief, age, or handicap.

(i) No Third Party Right Created. This contract is intended for the benefit of the City and the Contractor and not any other person.

(j) Principles of Interpretation. In this contract, unless the context requires otherwise the singular includes the plural and the plural the singular. The pronouns “it” and “its” include the masculine and feminine. Reference to statutes or regulations include all statutory or regulatory provisions consolidating, amending, or replacing the statute or regulation. References to contracts and agreements shall be deemed to include all amendments to them. The word “person” includes natural persons, firms, companies associations, partnerships, trusts, corporations, governmental agencies and units, and any other legal entities.

(k) Modifications, Entire Agreement. A modification of this contract is not valid unless signed by both parties and otherwise in accordance with requirements of law. Further, a modification is not enforceable against the City unless the City Manager or other duly authorized official signs it for the City. This contract contains the entire agreement between the parties pertaining to the subject matter of this contract. With respect to that subject matter, there are no promises, agreements, conditions, inducements, warranties, or understandings, written or oral, expressed or implied, between the parties, other than as set forth or referenced in this contract.

25. BONDS Contractor to use NCDOT bond forms. The bid, payment and performance bonds form can be found at:
<http://www.ncdot.gov/doh/preconstruct/ps/contracts/sp/2006sp/municipal.html>. under miscellaneous forms.
26. WORK SCHEDULE Contractor to submit a work schedule prior to pre-construction meeting as outlined in Section 108-2 of the General Requirements. The goal in the progressing of work is to have a minimal impact on adjacent businesses. The schedule should show the least amount of time needed for the replacement of the concrete island where the mailboxes are located. The schedule would need to be approved prior to the commencement of work.
27. SUBSURFACE INVESTIGATION There are no subsurface investigation reports available for this project.
28. 6” CONCRETE DRIVEWAY All concrete associated with this bid item should be high early strength Portland cement concrete. Contractor to coordinate driveway apron replacements/installations closely with the property owners along McCachern Boulevard.
29. CONCRETE WHEELCHAIR RAMPS Truncated domes should be red fiberglass mats.

SP-4, ASPHALT PAVEMENT TEXTURING:

1.0 Description

Work covered by this special provision consists of furnishing the Asphalt Pavement Texturing and all related work in accordance with the manufacturer’s specifications and pavement marking plan sheets, the Asphalt Pavement Texturing supplier and Asphalt Pavement Texturing manufacturer’s specifications and guidelines, and the provisions of these specifications.

2.0 Method and Materials

The Asphalt Pavement Texturing must be approved by the Engineer.

The asphalt pavement coating must meet the following requirements:

- ASTM-D-4060, 7 day cure, 24 hour soad, H-10 wheel and have a minimum wear index of <5.0.
- ASTM G-155, QUV 2,000 hours, minimum required result - brick color ΔE<1.5.
- ASTM D522-93A Flexibility as measured by Mandrel bend, 0.5mm thick sample passes 10mm at 21°C, 0.5 mm thick sample passes 125mm at -18°C.
- ASTM D-2486 Modified MEK scrubs 16 dry mils, number of scrubs until 50% substrate exposed. Minimum required result >5000.
- ASTM D-4541, minimum required result – substrate failure.
- ASTM E-303 British Pendulum Tester, minimum required result >55.
- EPA 24 ASTM D3960-05, minimum required result VOC <150.

The imprint pattern and color should match the existing City of Concord downtown cross-walks.

The equipment used for the execution of the work should meet the manufacturer’s requirements. The reheat equipment used should allow for the pavement temperature to be elevated gradually as to not overheat or otherwise adversely affect the pavement. N The primary heating device shall not be hand-held. The specialized coating spray equipment used must be able to provide a continuous recirculation of the coating to keep the solids suspended.

Only qualified applicators (as determined by the manufacture) should supply and install the asphalt pavement texturing.

3.0 Acceptance

Prior to placing any project proposed asphalt pavement texturing, the Contractor shall prepare on site a portable 5 foot by 5 foot test panel of the proposed asphalt pavement texturing in accordance with the details and notes shown on the plans, the asphalt pavement texturing supplier, manufacturer’s specifications and guidelines, and the provisions of these specifications. Once the City of Concord Engineer or their designee accepts the minimum three-day cured panel for finish the Contractor shall maintain the panel on site as the standard for City of Concord Engineer or their designee acceptance of all project placed asphalt pavement texturing.

4.0 Measurement

The quantity of Asphalt Pavement Texturing to be paid for will be the actual number of square feet of asphalt that is accepted as measured along the surface of completed work.

5.0 Payment

The quantity of Asphalt Pavement Texturing measured as provided above, will be paid for at the contract unit price per square footage for “Asphalt Pavement Texturing”.

Payment will be under:

ASPHALT PAVEMENT TEXTURING SF