



Florence & Hutcheson

CONSULTING ENGINEERS

Project: WBS 42576.3.1 (BK-5125)
Bridge #177 on SR 1189 over Cane Creek
Mitchell County

To: Meeting Attendees

Subject: Revised MINUTES OF MEETING

Date Prepared: November 12, 2010

Prepared by: Jim Mondolfi

PURPOSE/DESCRIPTION:		Pre-Bid Meeting
DATE & TIME:		Tuesday, October 26, 2010 1:30 PM
LOCATION:		NCDOT Bridge Management Unit Large Conference Room Raleigh, North Carolina
ATTENDEES		
Name	Representing	Telephone Number
	See Meeting Roster	
Jim Mondolfi	Ko/Florence & Hutcheson, Inc.	919-851-6066

The following is my understanding of items discussed:

- 1) On Page 6 of the Proposal, the completion date for this contract is revised to the date that is One Hundred and Eighty (180) consecutive calendar days after and including the date of availability.
- 2) On Page 7 of the Proposal under Section H, "Traffic Control", add statement "The Contractor will be responsible for stripping and all pavement markings". Cost of stripping and pavement markings shall be included in the lump sum price bid for Item "Generic Traffic Control".
- 3) On Page 9 of the Proposal under Section N, Paragraph 1, the Engineer for this project will be Gary Moore.
- 4) On Page 16 of the Proposal under "Good Faith Effort for Projects with Goals More Than Zero", submit only one copy of the DBE information required to the Bridge Management office.

- 5) On Page 58 of the Proposal omit special provision "Reforestation". Item "Reforestation" is eliminated from the project. A revised bid sheet is attached.
- 6) The Contractor will remove and salvage the existing steel beams and diaphragms to the Division. The steel will be delivered to the Mitchell County maintenance yard located at 902 Greenwood Road, Spruce Pine, NC, 28777. Contact Tommy Chrisawn. Phone #828-765-2449.
- 7) The distance from the existing bridge to the proposed CL Survey -L- is approximately three feet. If during construction additional clearance is required to construct the proposed bridge, the Contractor may move or remove the existing north fascia beam and a portion of the existing timber deck. Adequate measures to install rail protection and maintain a minimum lane width of 9'-9" across the bridge will be required.
- 8) Temporary shoring may be required to construct new end bents. If the Contractor feels that temporary shoring is required, the cost shall be included in the lump sum price bid for "Construction of Substructure".
- 9) On Sheet 13 of the Plans, the number of "V" bars in the columns shown in the Bill of Material is revised from 11 to 12. A revised drawing is attached.
- 10) Line #45, Class II Rip Rap is listed on Bid Sheet 153 and repeated incorrectly on Bid Sheet 154. Attached are revised bid sheets.

JEM/

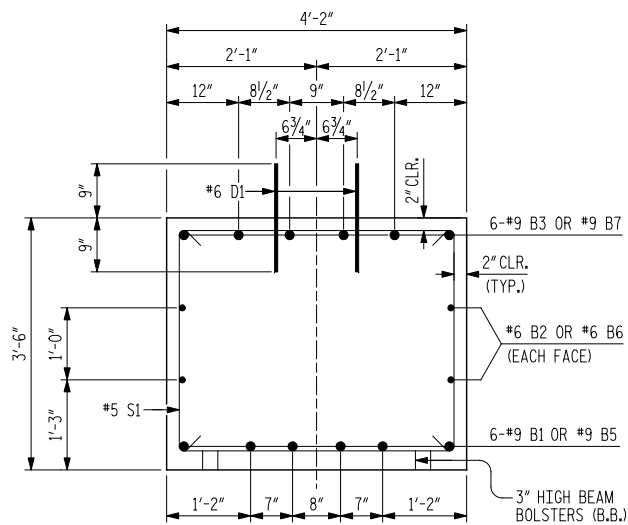
Revised 11-12-10

LINE NO.	ITEM NO.	SEC. NO.	DESCRIPTION	QUANTITY	UNIT COST	AMOUNT
30.	6037000000-E	SP	COIR FIBER MAT	50 SY	_____	_____
31.	6042000000-E	1632	¼" HARDWARE CLOTH	60 LIN. FT.	_____	_____
32.	6070000000-N	SP	SPECIAL STILLING BASIN	6 EACH	_____	_____
33.	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	12 EACH	_____	_____
34.	6133000000-N	SP	GENERIC EROSION CONTROL ITEM	LS	<u>LS</u>	_____
35.	8017000000-N	SP	CONSTRUCTION, MAINTENANCE AND REMOVAL OF TEMPORARY ACCESS AT STA 14+14.67 -L-	LS	<u>LS</u>	_____
36.	8035000000-N	402	REMOVAL OF EXISTING STRUCTURES	LS	<u>LS</u>	_____
37.	8096000000-E	SP	PILE EXCAVATION IN SOIL	12 LIN. FT.	_____	_____
38.	8097000000-E	SP	PILE EXCAVATION NOT IN SOIL	148 LIN. FT.	_____	_____
39.	8105540000-E	SP	42" DRILLED PIER IN SOIL	25 LIN. FT.	_____	_____
40.	8105640000-E	SP	42" DRILLED PIER NOT IN SOIL	16 LIN. FT.	_____	_____
41.	8111400000-E	SP	PERMANENT STEEL CASING FOR 42" DRILLED PIER	20 LIN. FT.	_____	_____
42.	8210000000-N	422	BRIDGE APPROACH SLABS	LS	<u>LS</u>	_____
43.	8365000000-E	SP	HP 12X53 GALVANIZED STEEL PILES	330 LIN. FT.	_____	_____
44.	8391000000-N	SP	STEEL PILE POINTS FOR HP 12X53 STEEL PILES	6 EACH	_____	_____
45.	8608000000-E	876	RIP RAP, CLASS II	290 TON	_____	_____

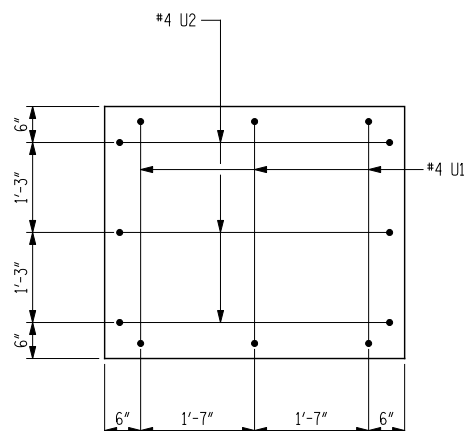
Revised 11-12-10

LINE NO.	ITEM NO.	SEC. NO.	DESCRIPTION	QUANTITY	UNIT COST	AMOUNT
46.	8594000000-E	876	PLAIN RIP RAP, CLASS B	2 TON	_____	_____
47.	8765000000-N	SP	CONSTRUCTION OF SUBSTRUCTURE	LS	_____LS_____	_____
48.	8766000000-N	SP	CONSTRUCTION OF SUPERSTRUCTURE	LS	_____LS_____	_____

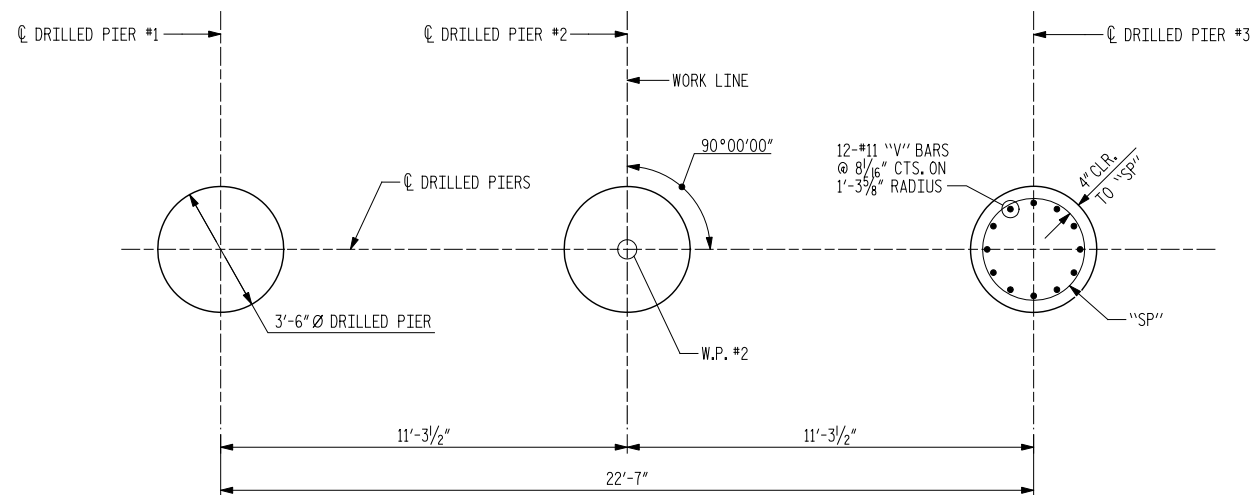
TOTAL PROJECT BID _____



SECTION A-A



CAP END VIEW

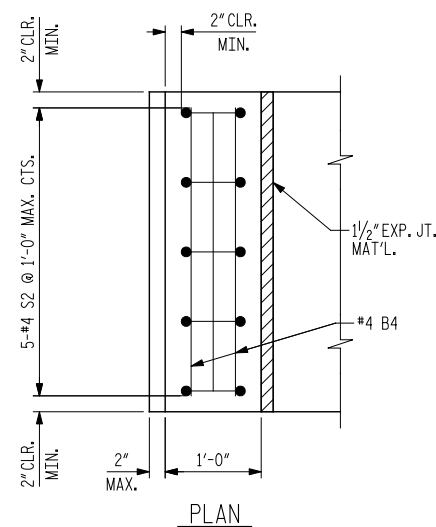
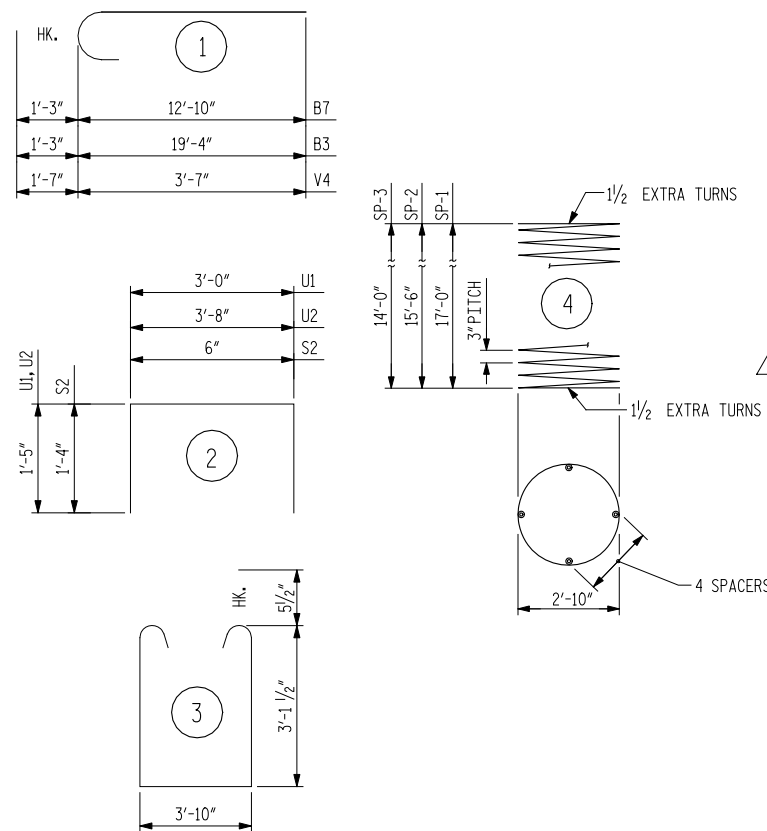


PLAN OF DRILLED PIERS

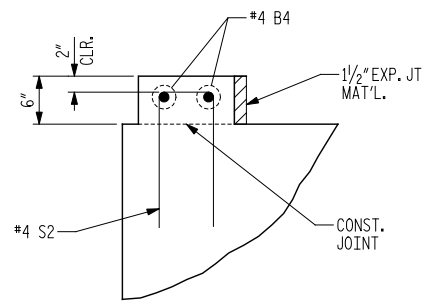
ALL DIMENSIONS AND DETAILS SHOWN FOR DRILLED PIERS ARE TYPICAL FOR EACH DRILLED PIER.

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.



PLAN



ELEVATION

DETAIL "B"

NOT TO SCALE

BILL OF MATERIAL

INTERIOR BENT - STAGE 1

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	#9	STR	19'-4"	394
B2	4	#6	STR	19'-4"	116
B3	6	#9	1	20'-7"	420
B4	2	#4	STR	3'-10"	5
D1	22	#6	STR	1'-6"	50
S1	11	#5	3	11'-0"	126
S2	5	#4	2	3'-2"	11
U1	3	#4	2	5'-10"	12
U2	3	#4	2	6'-6"	13
V1	12	#11	STR	19'-6"	1243
V2	12	#11	STR	18'-0"	1148
V4	24	#11	1	5'-2"	659

INTERIOR BENT - STAGE 3

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B4	2	#4	STR	3'-10"	5
B5	6	#9	STR	12'-10"	262
B6	4	#6	STR	12'-10"	77
B7	6	#9	1	14'-1"	287
D1	18	#6	STR	1'-6"	41
S1	11	#5	3	11'-0"	126
S2	5	#4	2	3'-2"	11
U1	3	#4	2	5'-10"	12
U2	3	#4	2	6'-6"	13
V3	12	#11	STR	16'-6"	1052
V4	12	#11	1	5'-2"	329

REINFORCING STEEL TOTAL 4,197 LB

REINFORCING STEEL TOTAL 2,215 LB

SPIRAL REINFORCING STEEL

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
SP-1	1	**	4	622'-11"	416
SP-2	1	**	4	570'-4"	381

SPIRAL REINFORCING STEEL

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
SP-3	1	**	4	517'-8"	346

SPIRAL REINFORCING STEEL TOTAL 797 LB

SPIRAL REINFORCING STEEL TOTAL 346 LB

CLASS A CONCRETE BREAKDOWN

POUR #2 COLUMNS	1.8	CY
POUR #3 CAP	9.7	CY
POUR #4 LATERAL GUIDE	0.1	CY
TOTAL	21.8	CY

CLASS A CONCRETE BREAKDOWN

POUR #2 COLUMN	0.9	CY
POUR #3 CAP	7.9	CY
POUR #4 LATERAL GUIDE	0.1	CY
TOTAL	13.2	CY

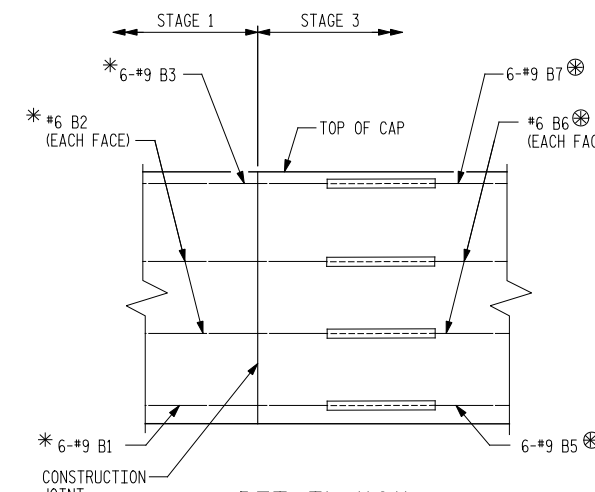
DRILLED PIERS

DRILLED PIER CONCRETE		
POUR #1 DRILLED PIERS	10.2	CY
42" Ø DRILLED PIER IN SOIL	17.8	LF
42" Ø DRILLED PIER NOT IN SOIL	10.8	LF
42" Ø PERMANENT STEEL CASING	13.0	LF

DRILLED PIER

DRILLED PIER CONCRETE		
POUR #1 DRILLED PIER	4.3	CY
42" Ø DRILLED PIER IN SOIL	7.0	LF
42" Ø DRILLED PIER NOT IN SOIL	5.0	LF
42" Ø PERMANENT STEEL CASING	6.5	LF

** NOTE: THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.



DETAIL "C"

* EXTEND ALL BARS IN STAGE 1 1'-6" MIN. BEYOND CONST. JOINT
 ⊕ PLACE ALL BARS IN STAGE 3 AT OR NEAR THE END OF BARS EXTENDING FROM STAGE 1.

⚠ REVISED NUMBER AND WEIGHT OF #11 "V" BARS

PROJECT NO. 42576
 COUNTY: MITCHELL
 STATION: 14+14.67
 REPLACES BRIDGE NO. 177

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE BENT DETAILS

REVISIONS						HEET NO.
NO.	BY	DATE	NO.	BY	DATE	13
1	KMH	11-2-10	3			TOTAL SHEETS
2			4			31

FH Florence & Hutcheson
 CONSULTING ENGINEERS
 5121 Kingdom Way, Suite 100 Raleigh, NC 27607
 NC License No: F-0288

THIS DOCUMENT WAS
 ORIGINALLY ISSUED
 AND SEALED BY:
 KAREN M. MOBLEY
 REG. NO. 036214
 ON
 10-4-10

**OFFICIAL ROSTER OF PRE-BID CONFERENCE ATTENDEES
NCDOT- BRIDGE MANAGEMENT UNIT -POC**

DATE: Tuesday, Oct. 26, 2010
TIME: 1:30 p.m.

BRIDGE REPLACEMENT CONTRACTS:

- | | |
|---|---|
| 1. Wilson Co. Br. # 97, DO00091 (B-5108) | 4. Mitchell Co. Br. #177, D000061 (BK-5125) |
| 2. Caldwell Co. Br. # 65, DO00090 (BK-5118) | |
| 3. Iredell Co. Br. # 350, DO00089 (BK-5121) | |

*** CIRCLE THE NUMBER CORRESPONDING TO THE PROJECT THAT YOU PLAN TO BID ON.**

NAME	*PROJECT	COMPANY REPRESENTED AND ADDRESS	CONTACT INFORMATION
PETE CAMP	1 2 3 4 5	Apple Track Assoc 904 The Thoroughbred N.C.	Email: 828 Phone: 287-3767 Fax:
Carl Washburn	1 2 3 4 5	PO BOX 850 1208 Rock Road Blairsville Georgia 30514	Email: lute@colwell.com Phone: 706-745-6239 Fax: 706-745-9582
RYAN HOILMAN BRYANTS LAND + DEVELOPMENT	1 2 3 4 5	Bryants Land + Development 159 Depot ST Burnsville NC 28714	Email: Ryan Hoilman@yahoo.com Phone: 828-284-7886 Fax: 828-678-9708
JOEY MONTGOMERY	1 2 3 4 5	1806 GAFFNEY RD. SHELBY, NC	Email: CLEDBETTER3@CAROLINA Phone: 704-434-6857 Fax: 704-434-5406
CHIP HARRIS	1 2 3 4 5	UTILITY PRECAST, INC 1420 IVEY CLINE RD CONCORD, NC 28027	Email: UTILITYPRECAST@HOTMAIL.PE Phone: 704-721-0106 Fax: 704-721-0226
Philip Creasman	1 2 3 4 5	Taylor + Murphy CONCORD PO BOX 6215 ASHEVILLE NC 28812	Email: pcreasman@taylorand Phone: 828-667-4526 Fax: 828-667-1770



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NAME	*PROJECT	COMPANY REPRESENTED AND ADDRESS	CONTACT INFORMATION
MARK PERKINS	1 2 3 4 5	SANFORD CONTRACTORS	Email: <u>MPERKINS@SANFORDCONTRACTORS</u> Phone: <u>919-718-1023</u> Fax: <u>919-715-3406</u>
CRAIGE KLUTTZ	1 2 3 4 5	ISLYTHE DEVELOPMENT CO. 1415 E. Westinghouse Blvd Charlotte, Nc 28273	Email: <u>ckluttz@islythedevelopment.com</u> Phone: <u>704-588-0023 x215</u> Fax: <u>704-588-9935</u>
KEVIN BURNS	1 2 3 4 5	REBURNS & SONS P.O. Box 716 P STATESVILLE NC	Email: <u>Kevinreburns.com</u> Phone: <u>704 924 8646</u> Fax: <u>-8607</u>
Gary Eisner	1 2 3 4 5	J R Vannoy & Sons 1603 HW 221 W Jefferson NC 28640	Email: <u>Gary.Eisner@JRVannoy.com</u> Phone: <u>336-846-7191</u> Fax: <u>336-846-7112</u>
GARRY MOORE	1 2 3 4 5	NCDOT DIV 13	Email: <u>GMOORE@NCDOT.GOV</u> Phone: <u>828-298-1128</u> Fax: <u>828-299-0654</u>
TROY WILSON	1 2 3 4 5	NCDOT DIU 13	Email: <u>twilson@ncdot.gov</u> Phone: <u>828-298-1128</u> Fax: <u>828-299-0654</u>



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NAME	*PROJECT	COMPANY REPRESENTED AND ADDRESS	CONTACT INFORMATION
BRUCE HOLLIS	1 2 3 4 5	DANE CONSTRUCTION INC PO Box 800 MOORESVILLE NC 28115	Email: <u>Pete@danconstruction.com</u> Phone: <u>704-664-5042 x 23</u> Fax: <u>704-663-2475</u>
Mike Miller	1 2 3 4 5	Miller Engineering Co. Inc. PO Box 1048 Marion, NC 28752	Email: _____ Phone: <u>828-738-8441</u> Fax: _____
Joe Hollis	1 2 3 4 5	United Contractors of Iowa 752 High Rd Sims NC 27880 P.O. Box 347 Johnston, Iowa 50131	Email: <u>joe.hollis@unitedcontractors.net</u> Phone: <u>515-577-4776</u> Fax: <u>515-276-3053</u>
Ivan Dishman	1 2 3 4 5	NCDOT	Email: <u>idishman@ncdot.gov</u> Phone: <u>336-903-9220</u> Fax: _____
FREDDIE BUNN	1 2 3 4 5	NCDOT	Email: <u>fbunn@ncdot.gov</u> Phone: <u>252-373-5328</u> Fax: _____
Wade Harper	1 2 3 4 5	NCDOT	Email: <u>Waharper@ncdot.gov</u> Phone: <u>252-883-2315</u> Fax: _____



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NAME	*PROJECT	COMPANY REPRESENTED AND ADDRESS	CONTACT INFORMATION
Michael Moore	<input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Palmetto Infrastructure 1053 Soula Batesville Rd. Greer SC 29651	Email: <u>gcaniff@palmettoii.com</u> Phone: <u>864-879-2166</u> Fax: <u>864-879-2167</u>
ROGER YOUNTS	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 <input type="radio"/> 5	TCB BUILDERS PO Box 1625 LEXINGTON, NC 27293	Email: <u>TCBBUILDERS@AOL.COM</u> Phone: <u>336-224-2200</u> Fax: <u>336-224-2299</u>
Kevin Austin	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Mulkey Engineers & Consultants 6750 Tryon Rd Cary, NC 27518	Email: <u>kaustin@mulkeyinc.com</u> Phone: <u>(919) 858-1790</u> Fax: <u>(919) 851-1918</u>
SLOTT POLK	<input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	OLDCASTLE PRECAST CONCORD, NC	Email: <u>slott.polk@oldcastleprecast.com</u> Phone: <u>704 497 0415</u> Fax: _____
Jim Mondolfi	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Florence & Hutcheson, Inc 5121 Kingdom Way Raleigh, NC 27607	Email: <u>jmondolfi@flohut.com</u> Phone: <u>919-851-6066 x-115</u> Fax: <u>919-851-6846</u>
_____	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	_____	Email: _____ Phone: _____ Fax: _____



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Tommy Bumsarner	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Atwell construction 305 Air port Road Greenville NC 27834	Email: <u>tmeyer@atwellconst.nci</u> Phone: <u>252 758 5181</u> Fax: <u>252 758 5321</u>
JOSEPH A KNOWL	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	S. T. WOOTEN CORP. 3801 BLACK CREEK RD. WILSON, NC 27894	Email: <u>joey.knoll@stwcorp.com</u> Phone: <u>252-291-5165</u> Fax: <u>252-243-0901</u>
Jason Williams	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Fred Smith Co P.O. Box 3768 Raleigh, NC 27622	Email: <u>jas.williams@fredsmithcompany.com</u> Phone: <u>(919) 582-3532</u> Fax: <u>(919) 582-3533</u>
Rebb Boette	<input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Mountain creek contractors	Email: <u>procketta@mtareelinc.com</u> Phone: <u>336 382 5376</u> Fax: <u>828 241 3647</u>
	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5		Email: _____ Phone: _____ Fax: _____
	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5		Email: _____ Phone: _____ Fax: _____