

ADDENDUM NO. 3
TO THE CONTRACT DOCUMENTS FOR
WIGGINS MILL PARK PHASE 1 - BOAT RAMP
CITY OF WILSON, NORTH CAROLINA
AUGUST 31, 2020

To All Bidders:

This addendum is issued to modify or clarify the previously issued bid documents and/or given for informational purposes, and is herein made a part of the bid documents. This addendum must be acknowledged on the appropriate page of the contract Bid Form. Failure to acknowledge this addendum may subject the bidder to disqualification of his bid.

It is the responsibility of all bidders and all individual subcontractors to adhere to the following modifications, clarifications and/or information:

1. Bidders to note that concrete specifications shall be per the attached City of Wilson Specifications Concrete Class and Corresponding Minimum Compressive Strength Table and the referenced Table 1000-1 NCDOT Requirements for Concrete. Sidewalks to be 4" Class A 3,000 psi Concrete. 6" Concrete Parking and Boat Ramp Approach as well as the 8" Concrete Boat Ramp shall be Class AA 4,500 psi Concrete.
2. Bidders to utilize the attached revised Bid Form, Addendum 3, dated 8/31/2020.

END OF ADDENDUM NO. 3

Robert S. Bartlett, PE
Bartlett Engineering & Surveying, PC

3) Concrete Class and corresponding Minimum Compressive Strength Table:

NCDOT Class of Concrete ^A	Minimum Compressive Strength of Concrete (f'c) at 28 days
Units	psi
AA	4,500
A	3,000
B	2,500

^ARefer to Table 1000-1 for specific properties/requirements relating to the particular Concrete Class

C. **Mixing and Delivery:**

- 1) During batching and delivery, the City's inspector will receive and sign all concrete batch tickets (NCDOT [Materials and Tests Form 903](#)) or approved delivery tickets. Delivery tickets will be permitted instead of batch tickets (NCDOT Materials and Tests Form 903) provided they have been reviewed and approved by a NCDOT Materials and Tests Unit.
- 2) NCDOT *Daily Plant Report On Ready Mixed Concrete Operations* (NCDOT [Materials and Tests Form 250](#)) is to be completed by a certified batcher and the original (white) copy is to be sent with the final load of concrete delivered to project site and, in turn, to the project inspector. If M & T Form 250 is not completed and received on site, concrete is subject to rejection.

2.1.2 HANDRAILS

Handrails shall conform to the applicable sections and requirements of Section 460, *Bridge Railing* of the NCDOT *Standard Specifications for Roads and Structures*, latest revision. Handrails for trail projects shall comply with the applicable subsections of Section 1074, *Miscellaneous Metals and Hardware* of the NCDOT *Standard Specifications for Roads and Structures*.

2.1.3 JOINT FILLER**A. EXPANSION JOINT FILLER**

Material shall be approximately ½ inch in thickness and a width and depth equal to those of the incidental structure. However, unless otherwise directed by the City Engineer, install expansion joint filler 1/2-inch below the concrete surface and, when called for by project specific contract/special conditions, seal joints for maximum protection from water infiltration, weathering and to assure proper performance.

Use a wider joint filler to obtain the required thickness when a thickness wider than the typical ½-inch width is specified on the plans.

- 1) **Polypropylene Joint Filler Planks and Sheet:** Joint fillers to be a closed-cell polypropylene foam expansion joint that can be used in residential, commercial, civil, municipal and industrial applications. Joint filler must not absorb water, swell and disintegrate, impede sealant cure time and used

**TABLE 1000-1
REQUIREMENTS FOR CONCRETE**

Class of Concrete	Min. Comp. Strength at 28 days	Maximum Water-Cement Ratio				Consistency Max. Slump		Cement Content			
		Air-Entrained Concrete		Non Air-Entrained Concrete		Vibrated	Non-Vibrated	Vibrated		Non-Vibrated	
		Rounded Aggregate	Angular Aggregate	Rounded Aggregate	Angular Aggregate			Min.	Max	Min	Max.
Units	psi					inch	inch	lb/cy	lb/cy	lb/cy	lb/cy
AA	4,500	0.381	0.426	-	-	3.5	-	639	715	-	-
AA Slip Form	4,500	0.381	0.426	-	-	1.5	-	639	715	-	-
Drilled Pier	4,500	-	-	0.450	0.450	-	5-7 dry 7-9 wet	-	-	640	800
A	3,000	0.488	0.532	0.550	0.594	3.5	4	564	-	602	-
B	2,500	0.488	0.567	0.559	0.630	1.5 machine placed 2.5 hand place	4	508	-	545	-
Sand Light-weight	4,500	-	0.420	-	-	4	-	715	-	-	-
Latex Modified	3,000 7 day	0.400	0.400	-	-	6	-	658	-	-	-
Flowable Fill excavatable	150 max. at 56 days	as needed	as needed	as needed	as needed	-	Flow-able	-	-	40	100
Flowable Fill non-excavatable	125	as needed	as needed	as needed	as needed	-	Flow-able	-	-	100	as needed
Pavement	4,500 design, field 650 flexural, design only	0.559	0.559	-	-	1.5 slip form 3.0 hand place	-	526	-	-	-
Precast	See Table 1077-1	as needed	as needed	-	-	6	as needed	as needed	as needed	as needed	as needed
Prestress	per contract	See Table 1078-1	See Table 1078-1	-	-	8	-	564	as needed	-	-

1 (E) Elapsed Time for Placing Concrete

- 2 Regulate the delivery so the maximum interval between the placing of batches at the
- 3 work site does not exceed 20 minutes. Place concrete before exceeding the times in
- 4 Table 1000-2. Measure the elapsed time as the time between adding the mixing water to
- 5 the mix and placing the concrete.

OFFICIAL BID FORM REVISED ADDENDUM 3 - 8/31/2020
WIGGINS MILL PARK PHASE 1 - BOAT RAMP
WILSON, NC

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
MOBILIZATION & DEMOLITION				
MOBILIZATION, BOND, INSURANCE	1	LS		
			SUBTOTAL:	
DEMOLITION & CLEARING				
GENERAL DEMO, GRUBBING & BRUSH/TREE CLEARING	1	LS		
REMOVE EXISTING ASPHALT	450	SY		
			SUBTOTAL:	
GRADING, DRAINAGE & PAVING				
EXCAVATION & GRADING	1	LS		
SELECT BACKFILL/BORROW MATERIAL	1,750	CY		
UNDERCUT & DISPOSE OF UNSUITABLE MATERIAL	500	CY		
SAWCUT, TRIM, TACK & JOIN TO EXISTING PAVEMENT	1	EA		
5" CABC STONE BASE	2,610	SY		
6" CABC STONE BASE	225	SY		
3" SF9.5B ASPHALT PAVING (2-LIFTS)	2,610	SY		
6" CLASS AA 4,500 PSI CONCRETE PARKING & RAMP APPROACH	200	SY		
PERMEABLE PAVING	1,350	SY		
4" THICK CLASS A 3,000 PSI CONCRETE SIDEWALKS (MIN. 5' WIDE)	5,880	SF		
CONCRETE WHEEL STOPS	33	EA		
PAVEMENT MARKINGS & SIGNS	1	LS		
8" THICK CLASS AA 4,500 PSI CONCRETE 18' X 30' BOAT RAMP	60	SY		
ROCK RIP RAP D50=8", TH=2D50	125	TN		
			SUBTOTAL:	
EROSION CONTROL				
25'X50' TEMPORARY CONSTRUCTION ENTRANCE	1	LS		
TEMPORARY CONCRETE WASH-OUT AREA	1	LS		
SILT FENCE	1,115	LF		
SILT SOX (COMPOST SOCK)	245	LF		
SILT FENCE OUTLET	2	EA		
SEED & MULCH	0.6	AC		
			SUBTOTAL:	
			TOTAL	

ONLY BIDS SUBMITTED ON THIS FORM WILL BE CONSIDERED BY THE CITY OF WILSON.

CONTRACTOR: _____

ADDRESS: _____

SIGNATURE: _____

TITLE: _____ DATE: _____

ADDENDUM NUMBERS ACKNOWLEDGED: _____