

August 8th, 2023

5330 S. National Drive

Knoxville, TN 37914

Contract No.	10120.1
Project/Reference/PIN No.	125617.00
County	Cumberland
Description	Traffic Signal Replacement

RE: Formal Request for Extension based on Supply Chain Issues for material.

This is a formal request for an extension of the project due to supply chain issues for material. Our cabinet had an original estimated ship date of October 9th, 2023, but on May 15th, 2023, we were advised that the lead time was then extended to December.

Timeline of events is as follows:

October 19th, 2022, the submittal package was sent to the city for approval.

November 18th, 2022, the submittal package came back from the city with notes on the Click 650 unit.

November 29th, 2022, I sent a reminder to the city that I needed an answer on the Click 650 unit to release the rest of signal equipment.

November 30th, 2022, the PO to TCS for the cabinet was released into production.

December 1st, 2022, we were given the estimated ship date of October 9th, 2023, from TCS.

December 5th, 2022, the estimated ship date of October 9th, 2023, was provided to the city.

December 7th, 2022, we submitted alternate signal equipment and cabinet with an improved lead time of 16-18 weeks vs. the 45-week lead time from McCain to the city.

December 9th, 2022, a response was received back from engineers/city advising "IF the city decides to move forward with the alternate Peek/Oriux equipment versus the originally requested McCain equipment, please verify the anticipated construction completion date. Per the attached schedule (**223149 Schedule Update 12.6.22.pdf**), we understand that if the originally proposed equipment is provided, the Project Completion Date is 12/25/23."

The response from the city regarding this email string and proposal was a signed work change directive 1 for the changing of illuminated signs to non-illuminated signs but nothing was mentioned about the alternatives, so we proceeded with the McCain equipment. With proceeding with the McCain equipment, I checked with the manufacturer yesterday morning who stated that cabinet is "looking at

December 2023, plan on end of month". With this being the case, our new proposed completed date is now February 19th, 2024.

Please let me know if any additional information is needed at this time.



Gianna Gaiser

Project Manager

Stansell Electric Company



August 8, 2023

Stansell Electric Company
Cumberland, Crossville, Replacement Project
PO 223149-001

Re: Extended Lead Times

To All

Transportation Control Systems along with many other industry manufacturers have experienced labor shortages, supply chain delays, exceptionally high rates of order entry, releases and historic high inflation within the manufacturing and construction markets that are exasperating our production schedules. These challenges have led to longer lead-times. The Estimated Lead time is planned for the end of December 2023.

Please be assured we are doing everything possible to meet and exceed our delivery dates. If you have any questions regarding the delays, feel free to call me with any questions.

Respectfully,

Stephanie Shaw
Transportation Control Systems, Inc
1100 S 86th Street
Tampa Fl, 33619
Email: sshaw@tcstraffic.com
Office: (813) 630-2800 Ext. 201





Work Change Directive No. 1

Project Title Signal Replacement on SR-28
(South Main Street)
Federal Project No.: STP-M-NH-28(63)
State Project No.: 18LPLM-F3-010

Date 12/9/22

Owner City of Crossville

CT Project No. 170531

Contractor(s) Stansell Electric Company, Inc.

TDOT PIN: 125617.00

You are hereby instructed to effect for the foregoing named project, the following modifications as noted below, to the work described in the contract:

Regarding Item No. 713-14.21 (STREET NAME SIGN RIGID 0.100IN THICK), the contractor shall provide standard reflective overhead street name signs in lieu of the proposed internally lit name signs. This will reduce the unit cost from \$430.00/SF to \$74.50/SF.

Estimated Decrease \$12,798.00

This form shall be used as evidence that the Owner and Contractor expect that the costs for the work addressed herein will be incorporated into a subsequently issued Change Order in accordance with the contract.

12/9/2022
Date

James A. Schmitt
CT Consultants

12/12/2022
Date

James J. [Signature]
Contractor's Authorized Representative

12-12-2022
Date

[Signature]
Owner

- DISTRIBUTION
- 1. Contractor
 - 2. Owner
 - 3. Project Manager
 - 4. File

TDOT PIN: 125617.00, STP-M-NH-28(63), 18LPLM-F3-010

**Signal Replacement
Main Street (US 127 / SR 28) at Lantana Road / Highway 70 East
City of Crossville, Cumberland County, Tennessee**

Stansell Electric Company, Inc.

ITEM	DESCRIPTION	EST. QUAN. [A]	UNIT	Original Bid		Work Change Directive No. 1 12/9/22		NOTES
				UNIT PRICES [B]	TOTAL AMOUNT IN FIGURES (A x B)	EST. QUAN. [A]	UNIT PRICES [B]	
TRAFFIC SIGNALS								
105-01	Construction Stakes, Lines and Grades	1	LS	\$10,300.00	\$10,300.00	\$1.00	\$10,300.00	\$10,300.00
712-01	Traffic Control	1	LS	\$19,100.00	\$19,100.00	\$1.00	\$19,100.00	\$19,100.00
713-14.21	Street Name Sign (Rigid 0.100In Thick)	36	SF	\$430.00	\$15,480.00	\$36.00	\$74.50	Sub out the illuminated signs to aluminium signs \$2,682.00
713-15.36	Remove Sign, Support & Footing	9	EA	\$50.00	\$450.00	\$9.00	\$50.00	\$450.00
713-16.20	Signs (M1-4, 24"x24")	2	EA	\$1,200.00	\$2,400.00	\$2.00	\$1,200.00	\$2,400.00
713-16.21	Signs (M1-4, 30"x24")	1	EA	\$1,400.00	\$1,400.00	\$1.00	\$1,400.00	\$1,400.00
713-16.22	Signs (M1-5, 30"x24")	2	EA	\$1,300.00	\$2,600.00	\$2.00	\$1,300.00	\$2,600.00
713-16.23	Signs (M6-4(Mod.), 21"x15")	5	EA	\$500.00	\$2,500.00	\$5.00	\$500.00	\$2,500.00
713-16.24	Signs (R10-12, 30"x36")	4	EA	\$300.00	\$1,200.00	\$4.00	\$300.00	\$1,200.00
713-16.25	Signs (R3-7R, 36"x36")	1	EA	\$500.00	\$500.00	\$1.00	\$500.00	\$500.00
714-05.04	Pull Box (Type C)	4	EA	\$600.00	\$2,400.00	\$4.00	\$600.00	\$2,400.00
714-06.04	Cable (1/C #8 AWG.)	245	LF	\$2.00	\$490.00	\$245.00	\$2.00	\$490.00
714-06.05	Cable (1/C #6 AWG.)	85	LF	\$3.00	\$255.00	\$85.00	\$3.00	\$255.00
714-06.06	Cable (1/C #4 AWG.)	245	LF	\$4.00	\$980.00	\$245.00	\$4.00	\$980.00
714-09.09	Luminaires (Decorative)	2	EA	\$14,400.00	\$28,800.00	\$2.00	\$14,400.00	\$28,800.00
714-12	Control Center	1	LS	\$1,800.00	\$1,800.00	\$1.00	\$1,800.00	\$1,800.00
717-01	Mobilization	1	LS	\$24,400.00	\$24,400.00	\$1.00	\$24,400.00	\$24,400.00
730-01.02	Removal of Signal Equipment	1	EA	\$7,400.00	\$7,400.00	\$1.00	\$7,400.00	\$7,400.00

ITEM	DESCRIPTION	EST. QUAN. [A]	UNIT	Original Bid		Work Change Directive No. 1 12/9/22			NOTES
				UNIT PRICES [B]	TOTAL AMOUNT IN FIGURES (A x B)	EST. QUAN. [A]	UNIT PRICES [B]	TOTAL AMOUNT IN FIGURES (A x B)	
730-02.09	Signal Head Assembly (130 With Backplate)	5	EA	\$1,100.00	\$5,500.00	\$5.00	\$1,100.00	\$5,500.00	
730-02.17	Signal Head Assembly (150 A2H With Backplate)	4	EA	\$1,800.00	\$7,200.00	\$4.00	\$1,800.00	\$7,200.00	
730-03.21	Install Pull Box (Type B)	6	EA	\$600.00	\$3,600.00	\$6.00	\$600.00	\$3,600.00	
730-03.23	Install Pull Box (Fiber Optic-Type A)	3	EA	\$1,800.00	\$5,400.00	\$3.00	\$1,800.00	\$5,400.00	
730-05.01	Electrical Service Connection	1	EA	\$2,500.00	\$2,500.00	\$1.00	\$2,500.00	\$2,500.00	
730-08.02	Signal Cable - 5 Conductor	570	LF	\$2.00	\$1,140.00	\$570.00	\$2.00	\$1,140.00	
730-08.03	Signal Cable - 7 Conductor	1,776	LF	\$2.00	\$3,552.00	\$1,776.00	\$2.00	\$3,552.00	
730-11.01	Steel Conduit Riser Assembly	1	EA	\$1,200.00	\$1,200.00	\$1.00	\$1,200.00	\$1,200.00	
730-12.02	Conduit 2" Diameter (PVC)	260	LF	\$35.00	\$9,100.00	\$260.00	\$35.00	\$9,100.00	
730-12.13	Conduit 2" Diameter (Jack and Bore)	330	LF	\$50.00	\$16,500.00	\$330.00	\$50.00	\$16,500.00	
730-12.14	Conduit 3" Diameter (Jack and Bore)	490	LF	\$65.00	\$31,850.00	\$490.00	\$65.00	\$31,850.00	
730-13.13	Vehicle Detector (Radar)	4	EA	\$9,700.00	\$38,800.00	\$4.00	\$9,700.00	\$38,800.00	
730-15.32	Cabinet (Eight Phase Base Mounted)	1	EA	\$22,000.00	\$22,000.00	\$1.00	\$22,000.00	\$22,000.00	
730-16.04	Controller (ATC)	1	EA	\$5,700.00	\$5,700.00	\$1.00	\$5,700.00	\$5,700.00	
730-23.30	Pedestal Pole (Decorative)	1	EA	\$3,800.00	\$3,800.00	\$1.00	\$3,800.00	\$3,800.00	
730-23.80	Camilever Signal Support (1 Arm @ 40')	2	EA	\$41,200.00	\$82,400.00	\$2.00	\$41,200.00	\$82,400.00	
730-23.96	Cantilever Signal Support (2 @ 35' & 60')	1	EA	\$68,700.00	\$68,700.00	\$1.00	\$68,700.00	\$68,700.00	
730-26.11	Countdown Ped Sgnl Head w/Audible Push Button & 15In Sign	8	EA	\$1,900.00	\$15,200.00	\$8.00	\$1,900.00	\$15,200.00	
730-35.06	Battery Back-Up And Power Conditioner	1	EA	\$12,200.00	\$12,200.00	\$1.00	\$12,200.00	\$12,200.00	(Work Change Directive No. 1 Savings)
TOTAL CONTRACT BID FOR ALL UNIT PRICES					\$458,797.00		\$445,999.00	\$12,798.00	

Created By: *Gianna Gaiser – Project Manager*

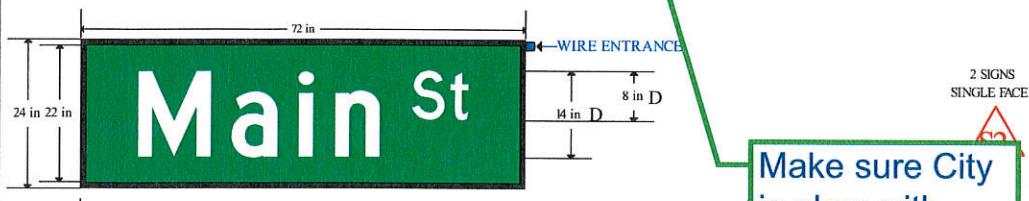
Submitted To: *City of Crossville*

"INTERNALLY ILLUMINATED" BRITELITE LED EDGE LIT SIGN SUBMITTAL DRAWING

SIGNS SHOWN FOR GRAPHICAL REPRESENTATION "ONLY". ALL SIGNS SHALL AGREE WITH THE OVERHEAD STREET NAME SIGN DETAILS SHOWN IN THE SIGNALIZATION PLANS.



COLOR FOR SIGN FACE: GREEN EC FILM OVER DIAMOND GRADE VIP SHEETING. BORDER WIDTH: 0.0" BORDER RADIUS: 0.0"



THE VIEW OF THE SIGN FACE INCLUDES THE 1" FRAME AROUND THE SIGN FACE

PLEASE REVIEW SIZES, SPELLING, MOUNTING, COLOR PAINT, WIRE ENTRANCE, AND PHOTOCELLS BEFORE SIGNING. BY SIGNING THIS DOCUMENT THE PURCHASER AGREES THAT ALL INFORMATION IS CORRECT AND ALL ASPECTS ARE FINAL.

Authorized Signature: X SO#: 13861
 EMAIL TO: Sales@tcstraffic.com P.O.#: 223149-001
 CONTRACTOR: STANSELL ELECTRIC COMPANY DATE RECEIVED: 9/26/2022

IT IS NECESSARY TO CHECK ALL BOXES APPROPRIATELY TO PROCEED WITH THIS ORDER

LIGHT SOURCE Britelite (Edge Lit)	SIGN MOUNTING <input type="checkbox"/> TOP MOUNT <input type="checkbox"/> REAR MOUNT <input type="checkbox"/> SPAN WIRE MOUNTING	COLOR OF SIGN BOX <input type="checkbox"/> BLACK <input type="checkbox"/> FOREST GREEN <input type="checkbox"/> BRONZE <input type="checkbox"/> OTHER	PHOTOCELL <input type="checkbox"/> CABINET <input type="checkbox"/> NO PHOTOCELL <input type="checkbox"/> SIGNS	WIRE ENTRANCE <input type="checkbox"/> APPROVED <input type="checkbox"/> APPROVED AS NOTED
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August 22, 2023

Mr. Tim Begley, Public Works Director
City of Crossville, Tennessee
392 North Main Street
Crossville, TN 38555

Re: Change Order No. 1 (PIN: 125617.00)
Signal Replacement on SR-28 (South Main Street);
CT No. 170531

Dear Tim:

Per the attached Supplemental Agreement and/or Request for Construction Change – Change Order Request #01, please note the following:

- As you may recall, shortly after the project was awarded, the City requested the contractor to provide standard reflective overhead street name signs in lieu of the proposed internally lit name signs for a savings of \$12,798.00.
- Stansell Electric Company (SEC) recently requested a time extension based upon supply chain issues, for which a letter from them and their supplier has been provided. You may also recall that during the Pre-Construction meeting, concerns were discussed on supply chain issues and it was agreed upon that time extensions would be preferred to secure the specific traffic signal equipment in lieu of accepting alternate equipment.

Recognizing the City's intentions to maintain similar street name signs to other existing signs and understanding that the supply chain issues were encountered in an effort to the same traffic signal equipment utilized at other existing traffic signal controllers, we are in agreement with the requested savings and time extension.

Upon review, please call me at 615-349-4025 or by email at jgolias@ctconsultants.com to discuss any questions you may have.

Respectfully,
CT Consultants, Inc.

James G. Golias II, P.E.
Regional Manager

CITY OF CROSSVILLE
392 N. Main St.
Crossville, Tennessee 38555~4275
Tel (931) 456-5680
FAX (931) 484~7713

Office of The City Manager

August 24, 2023

Katie Brown
Program Monitor
Local Programs Development Office
James K. Polk Building, 6th Floor
505 Deaderick Street
Nashville, TN 37243

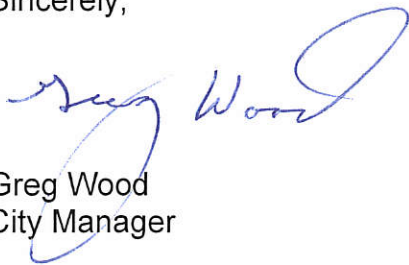
RE: PIN 125617.00

Dear Ms. Brown:

Please review the attached change order request as recommended by the contractor and engineer. The City concurs with the requested savings and time extension.

If you have questions, please contact me at 931-787-1684.

Sincerely,



Greg Wood
City Manager