

RE: Marion County
CR 42 At SE 182nd Ave. Rd. Intersection Improvements
FPN.: 434844-1-58-01
FAN: D522-073-B
Contract No.: G2M09
Change Order No. 02

May 12, 2024

Change Order #02 Entitlement Analysis

Issue #01

Description of Issue #1: The delivery lead time from H&M Electrical for the illuminated signs and their brackets are much longer than originally anticipated.

- Notice to Proceed 1/8/2024.
- Original Contract duration: 85 Days
- The contractor placed the order for the signs and brackets on 12/22/23.
- The approved shop drawings were sent to the contractor on 1/5/2024.
- The contractor resubmitted the illuminated sign material per the County's comments on 1/8/2024.
- The H&M Electrical Anticipated delivery date is 6/ 7/ 2024.
- The current contract's substantial completion date is 5/2/2024 and the final completion is dated 6/16/2024.
- The Contractor's revised schedule update, with this time extension will achieve a substantial completion of 6/14/2024 and a final completion date of 7/29/2024.

Entitlement Analysis for Issue #1: The material delay times are affecting critical path items of work in order to meet the project's final acceptance. The contractor and its subcontractor will make every effort to install all necessary above/underground items prior to the arrival of the signs and brackets. Furthermore, the contract duration will need to be increased by forty-three (43) days to allow for the complete installation of the signs and brackets. This increase in time will change the final acceptance date from 6/16/2024 to 7/29/2024.

Engineer's Estimate FOR Issue #1: The contract time extension associated with these material delays is considered non-compensable contract time. The contractor will continue working on all original pay item work within the current contract time. There is no cost associated with this time extension.

Engineer's Cost Estimate for Issue #1: \$0.00

Contractor's Cost Estimate for Issue #1: \$0.00

Negotiated Cost for Issue #1: \$0.00

Issue #02

Description of Issue #2: The County instructed the contractor to revise and resubmit the sign shop drawings because the size of the signs shown on the plans was for smaller aluminum signs, not larger illuminated signs. The Contractor submitted their revised pricing for the larger signs and brackets.

Entitlement Analysis for Issue #2: This is an owner-initiated and directed change by Marion County to ensure the signs and brackets are constructed to the Marion County Specifications. The County approved the extra cost involved for the revised signs and brackets prior to the work being performed.

Engineers Estimate for Issue #2: The contract plans did not initially consider the larger signs and brackets. The Contractor has provided an estimate based on the time and materials for this change in work. The contractor's cost

for the extra work is seventeen thousand six hundred seven dollars and eighty-four cents (\$17,607.84). Based on the comparison of the Engineer's cost estimate, twenty thousand three hundred nineteen dollars and twenty-two cents (\$20,319.22). The contractor's submitted quote is less than the Engineer's estimate, therefore the price is acceptable. The Engineer's cost estimate uses the Statewide Average (SWA) unit pricing for this work. Therefore, the Contractor is due compensation for the costs associated with the work. The original pay item (700-5-21) for the smaller signs will not be used and will be deducted from this change order.

Engineer's Cost Estimate for Issue #2: \$20,319.22

Contractor's Cost Estimate for Issue #2: \$17,607.84

Negotiated Cost for Issue #2: \$17,607.84

Issue #03

Description of Issue #3: The contract initially called for the electrical service to be relocated to the proposed concrete strain pole; this would cause a delay due to the power company having to mobilize two separate times and would cause a delay from the time the service is removed from the existing strain pole and installed on the proposed strain pole. To reduce the time the flashing signal would not be active, the County instructed the contractor to install a new electrical service (Pay Item 0639-1112) at the new strain pole. This new electrical service would prevent any signal downtime. The contractor submitted pricing for the new service, and the County agreed to the additional cost and deleting the original power relocation pay item.

Entitlement Analysis for Issue #3: This is an owner-initiated and directed change by Marion County to minimize the time delay for the transfer of the overhead power service. The County approved the extra cost involved prior to the work being performed.

Engineers Estimate for Issue #3: The contract plans did not initially consider the new electrical service. The Contractor has provided an estimate based on the time and materials to install the new electrical service; the contractor's cost for the extra work is six thousand two hundred fifty-four dollars and eighty-four cents (\$6,254.84). Based on the comparison of the FDOT Statewide Averages five thousand one hundred nine dollars and ninety-two cents (\$5,109.92) will be considered eligible for Federal Aid Participation, one thousand one hundred forty-four dollars and ninety-two cents (\$1,144.92) are considered premium costs, and not considered eligible for Federal Aid Participation. The original pay item (639-1-410) to relocate the power service will not be used and will be deducted from this change order.

Engineer's Cost Estimate for Issue #3: \$5,109.92

Contractor's Cost Estimate for Issue #3: \$6,254.84

Negotiated Cost for Issue #3: \$6,254.84

Federal Aid Eligibility

Issue #01: The added time is necessary to ensure the project improvements are completed within the contract duration. The added time should be considered eligible for Federal Aid Participation per LAP Manual Section 21.5.5 Time Extensions.

Issue #02: The contractor's cost for the extra work is seventeen thousand six hundred seven dollars and eighty-four cents (\$17,607.84). Based on the comparison of the Engineer's cost estimate, seventeen thousand six hundred seven dollars and eighty-four cents (\$17,607.84) should be considered eligible for Federal Aid Participation.

Issue #03: The premium costs associated with issue #03 are not eligible for Federal-aid reimbursement per LP Manual section 21.5.2 Federal-Aid Eligibility. One thousand one hundred forty-four dollars and ninety-two cents (\$1,144.92) are considered premium costs and non-eligible for Federal-aid reimbursement.

Engineer's Time Analysis

This agreement will add a total of forty-three (43) days to the total contract duration. The material lead time was not considered in the original contact time and should be granted.

Engineer's Cost Estimate

Issue #01 - Amount of Change Order: \$0.00.

Issue #02 - Amount of Change Order: \$17,607.84. Amount to be deducted: (\$19,200.00)

Issue #03 - Amount of Change Order: \$6,254.84. Amount to be deducted: (\$4,300.00)

<u>Change Order Cost Summary</u>							
<u>Line Item No.</u>	<u>Pay Item No.</u>	<u>Pay Item Description</u>	<u>Unit</u>	<u>Qty</u>	<u>Contract Amount</u>	<u>Proposed Amount</u>	<u>Net Change</u>
Issue No. 02							
	700-5-21	Internally Illuminated Sign F&I, Up to 12 SF	EA	2	\$19,200.00	\$0.00	(\$19,200.00)
	700-5-22	Internally Illuminated Sign F&I, 12-18 SF	EA	2	\$0.00	\$17,607.84	\$17,607.84
Issue No. 03							
	639-1-410	Electrical Power Service, Relocate, Overhead, meter furnished by power company	AS	1	\$4,300.00	\$0.00	(\$4,300.00)
	639-1-112	Electrical Power Service F&I, Overhead meter purchased by contractor from power company	AS	1	\$0.00	\$6,254.84	\$6,254.84
Total Net Change for Change Order No. 02	\$362.68						

Total Change Order Amount: \$23,862.68

Additional Contract Time: 43 Days

DRMP, Inc

Randal Stagg

Project Administrator
rstaggs@drmp.com
(407) 912-0259

FIN#: 434844-1-58-01 Contract #: G2M09 Fed Proj. #: D522-073-B
 Point of Contact (Name/Phone #): Randal Stagg/407-912-0259
 Email Address: rstagg@drmp.com
 Estimate Prepared By: Randal Stagg
 Company: DRMP, Inc.

R. L. Hyatt

[illegible]

Comments:

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Florida Department of Transportation

Item Average Unit Cost

From 2023/04/01 to 2024/03/31

Statewide

Contract Type: CC

Displaying: ITEMS WITH HITS

From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0635 2 12	97	\$2,809.77	\$5,029,480.25	1,790.000	EA	N	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE
0635 2 13	41	\$5,573.58	\$1,660,927.15	298.000	EA	N	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE
0635 2 14	20	\$1,824.95	\$2,374,263.26	1,301.000	EA	N	PULL & SPLICE BOX, F&I, 17" X 30" COVER SIZE
0635 2 15	4	\$5,571.88	\$33,431.28	6.000	EA	N	PULL & SPLICE BOX, F&I, 30" X 48" COVER SIZE
0635 2 19	1	\$1,278.26	\$2,556.52	2.000	EA	N	PULL & SPLICE BOX, F&I, DIMENSIONS PER UTILITY/AGENCY OWNER
0635 2 30	4	\$1,937.02	\$34,866.38	18.000	EA	N	PULL & SPLICE BOX, INSTALL
0635 2 118	2	\$8,901.28	\$80,111.50	9.000	EA	N	PULL & SPLICE BOX, F&I, HS-20 FOR TPE, 54" X 54"
0635 2 119	2	\$1,371.50	\$4,114.51	3.000	EA	N	PULL & SPLICE BOX, F&I, TOLL SITE, 12" x 12"
0635 2 120	2	\$3,565.65	\$42,787.80	12.000	EA	N	PULL & SPLICE BOX, F&I, TOLL SITE, 24" x 36"
0635 2 121	2	\$6,265.51	\$56,389.62	9.000	EA	N	PULL & SPLICE BOX, F&I, TOLL SITE, 30" x 48"
0635 3 11	3	\$775.70	\$20,943.93	27.000	EA	N	JUNCTION BOX, FURNISH & INSTALL, AERIAL
0635 3 12	14	\$1,146.22	\$338,135.61	295.000	EA	N	JUNCTION BOX, FURNISH & INSTALL, MOUNTED
0635 3 13	22	\$1,359.15	\$1,380,891.86	1,016.000	EA	N	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED
0639 1 111	6	\$3,025.52	\$39,331.77	13.000	AS	N	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY
0639 1 112	19	\$5,109.92	\$173,737.20	34.000	AS	N	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY
0639 1 121	17	\$5,563.68	\$189,165.23	34.000	AS	N	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY
0639 1 122	97	\$5,324.36	\$1,703,795.40	320.000	AS	N	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED



Florida Department of Transportation

Item Average Unit Cost

From 2023/04/01 to 2024/03/31

Statewide

Market Area: 10

Contract Type: CC

Displaying: ITEMS WITH HITS

From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0700 3601	5	\$135.18	\$3,514.75	26.000	EA	N	SIGN PANEL, REMOVE, UP TO 12 SF
0700 3603	1	\$267.84	\$1,874.88	7.000	EA	N	SIGN PANEL, REMOVE, 21-30 SF
0700 3604	1	\$180.00	\$360.00	2.000	EA	N	SIGN PANEL, REMOVE, 31-50 SF
0700 3606	1	\$1,338.18	\$4,014.54	3.000	EA	N	SIGN PANEL, REMOVE, 101-200 SF
0700 3607	1	\$2,008.31	\$8,033.24	4.000	EA	N	SIGN PANEL, REMOVE, 201-300 SF
0700 3608	1	\$2,409.55	\$2,409.55	1.000	EA	N	SIGN PANEL, REMOVE, 301-400 SF
0700 3609	1	\$2,677.40	\$2,677.40	1.000	EA	N	SIGN PANEL, REMOVE, 401-500 SF
0700 3611	1	\$5,354.80	\$5,354.80	1.000	EA	N	SIGN PANEL, REMOVE, 601 SF AND GREATER
0700 4611	1	\$5,700.00	\$5,700.00	1.000	EA	N	OVERHEAD STATIC SIGN STRUCTURE, SHALLOW FOUNDATION REMOVAL, CANTILEVER
0700 5 21	1	\$9,328.68	\$55,972.08	6.000	EA	N	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF
0700 5 22	3	\$10,159.61	\$396,224.68	39.000	EA	N	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF
0700 5 60	2	\$348.31	\$8,011.16	23.000	EA	N	INTERNALLY ILLUMINATED SIGN, REMOVE
0700 13 12	2	\$103.33	\$3,719.76	36.000	EA	N	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'
0700 13 15	5	\$72.40	\$18,389.68	254.000	EA	N	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'
0700141111	1	\$7,540.00	\$7,540.00	1.000	EA	N	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS

Summary of Cost

ISS

Overhead Signs-Resizing

CWR PROJECT #

1512083

Client

Marion County

Client Project #

G2M09 43484415801

Standard Markup	M/Up %	Total Cost	Markup Amount	Total + Markup
LABOR & Burden	17.50%	\$ -	0	\$ -
Equipment	17.50%	\$ -	0	\$ -
Materials	17.50%	\$ -	0	\$ -
Subcontractor 1-50K	10.00%	\$ 15,927.49	1592.75	\$ 17,520.24
Subcontractor Over 50K	5.00%	\$ -	0	\$ -
Total(s)		\$ 15,927.49	1592.75	\$ 17,520.24
Plus Bond @ 0.5%				\$ 87.60
Grand Total Cost				\$ 17,607.84

Justin Terrell

From: Hickman, Gerald <Gerald.Hickman@marionfl.org>
Sent: Friday, April 12, 2024 3:40 PM
To: Kathryn Barnes
Cc: Randal Stagg; Hinton, Douglas; Cohoon, Steven; Tsagaris, Brenda; Cody Skelton; hmelect@aol.com
Subject: Re: 2083-G2M09-434844- Power Service for signal

Kathryn, as we spoke on the phone, please provide us with a price to run a new power service to the new pole. This will be processed as a change order.

Gerald Hickman
Transportation Construction Manager

Marion County Board of County Commissioners
412 SE 25th Ave., Ocala, FL 34471
Main: 352-671-8686 Direct: 352-671-8391
Empowering Marion for Success!



Gerald Hickman
Transportation Construction Manager
Office of the County Engineer

Marion County Board of County Commissioners
412 SE 25th Ave.
Ocala, FL 34471
Main: 352-671-8686

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Under Florida law, emails to our organization are public records. If you do not want your email reviewed in response to a public records request, contact this office by phone.

On Apr 10, 2024, at 4:11 PM, Kathryn Barnes <kbarnes@cwrcontracting.com> wrote:

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This email originated from outside the organization. Do not click links, open attachments, or share any information unless you recognize the sender and know the content is safe. Report suspicious emails using the "Phish Alert" button in Outlook or contact the Helpdesk.

Mr. Stagg:

The plan indicates to reuse the existing power service by removing it from the old pole to the new pole.

When this occurs H&M advises that it could be a week or two between powering down the old signal and powering up the new one.

Given the fact that FDOT did not have any "temporary Flashing Beacons" on the APL and Permanent flashing beacons had many weeks lead time to the detriment of the project there is currently no Flashing option outside of the existing signal.

There is an option to price new service to the new pole while the existing poles remains functional. This option would leave the intersection down a day or two.

If there are MOT options that would fall within the approval of FDOT we could explore those.

Kathryn Barnes
Senior Project Manager/Estimator

<image001.png>
C:352-531-4962 O: 352-330-2540
kbarnes@cwrcontracting.com

For your security, please verify any request for ACH, wire transfer, remittance, or other financial transaction changes by calling 850-385-5060 before processing. This is the only authorized verification channel.

SUMMARY OF ADDITIONAL COST

ISSUE: New Overhead Electric Service
 CWR PROJECT # 1512083
 Client MARION COUNTY
 Client Project # G2M09 FPN 43484415801

Standard Markup	M/Up %	Total Cost	Markup Amount	Total + Markup
LABOR & Burden	17.50%	\$ -	0	\$ -
Equipment	17.50%	\$ -	0	\$ -
Materials	17.50%	\$ -	0	\$ -
Subcontractor 1-50K	10.00%	\$ 5,657.93	565.79	\$ 6,223.72
Subcontractor Over 50K	5.00%	\$ -	0	\$ -
Total(s)		\$ 5,657.93	565.79	\$ 6,223.72
Plus Bond @ 0.5%				\$ 31.12
Grand Total Cost				\$ 6,254.84

Randal Stagg

From: Kathryn Barnes <kbarnes@cwrrcontracting.com>
Sent: Monday, January 8, 2024 4:46 PM
To: Randal Stagg
Cc: Hickman, Gerald; Cohoon, Steven; Hinton, Douglas; Tsagaris, Brenda; H & M ELECTRICAL & UNDERGROUND UTILITIES INC (HMELECT@AOL.COM); Cody Skelton
Subject: 2083-G2M09-434844-RFI#1=OVERHEAD SIGNS
Attachments: Temple_H&M Electrical and Underground_Marion County copy.pdf; Temple_H&M Electrical and Underground_Marion CountyRev1.bmp

Follow Up Flag: Follow up
Flag Status: Flagged

Mr. Stagg

See below clarification requested from the subcontractor and supplier providing the internally illuminated signs.

Kathryn Barnes
Senior Project Manager/Estimator



C:352-531-4962 O: 352-330-2540

From: H&M Electrical & Underground Utilities, Inc. <hmelect@aol.com>
Sent: Monday, January 8, 2024 4:37 PM
To: Kathryn Barnes <kbarnes@cwrrcontracting.com>
Subject: Fw: CR 42@ SE 182nd

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Kathy,

Can you issue a RFI regarding the illuminated signs for this project? It appears that the design shown on the plans was for aluminum signs not illuminated signs. Please see the comments from our signal equipment vendor and ask the EOR how they want us to proceed. He has attached two drawings to show the difference.

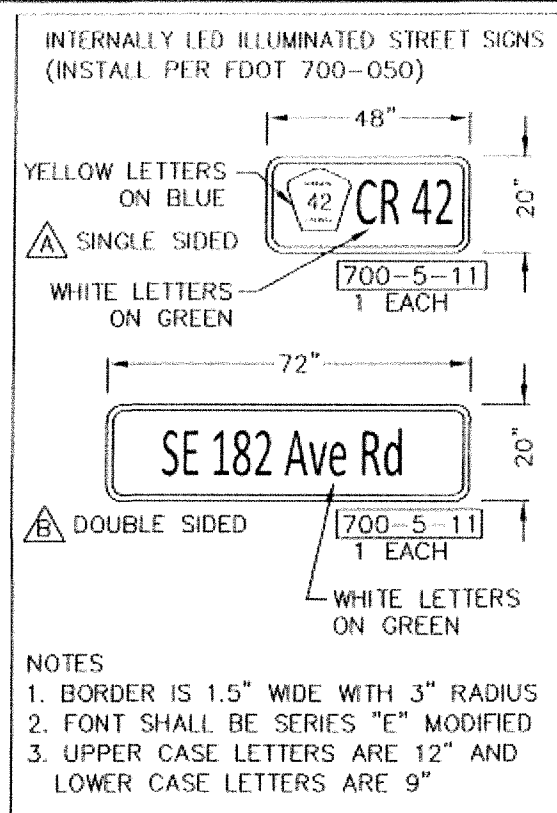
If we build the proper signs it appears they will have to be bigger which will also mean that the pole mounted brackets will have to be bigger as well, which will increase our pricing.

Thanks,
Jim

James P. Marshburn, VP
H&M ELECTRICAL & UNDERGROUND UTILITIES, INC.
407-880-1889, EXT. 102

----- Forwarded Message -----

From: Bryan A. Knight <bryan.knight2@temple-inc.com>
To: H&M Electrical & Underground Utilities, Inc. <hmelect@aol.com>
Sent: Monday, January 8, 2024 at 04:00:47 PM EST
Subject: RE: CR 42@ SE 182nd



See the spec above. As you can see on the proof, I used the same spec that was provided above.

Used a 1.5" Border with 3" Radius.

Used series E Mod Font.

Used 12" upper case and 9" lower case lettering.

Also, in the layout above, the signs are blade signs. The layout does not take into account that there is a frame that needs to go around the sign.

Please see the attached preliminary drawing. To get the signs down to the size that was requested, I had to use the following specs.

Use .80" border with 1.5" radius

Use Series D font.

Use 8" upper case letter and 6" lower case letter.

The Marion County logo will need to be sized down to an 8x8" square in order to fit in the provided space.

Let me know if you have any questions.

Bryan

From: H&M Electrical & Underground Utilities, Inc. <hmelect@aol.com>
Sent: Monday, January 8, 2024 2:37 PM
To: Bryan A. Knight <Bryan.Knight2@temple-inc.com>
Subject: Re: CR 42@ SE 182nd

Bryan,

Can you give me more details as to why it can't be designed with the specs. per plan so I can issue a RFI to the EOR? Also give me what the specs should be as per your proposed sign legends to see if they want to go that route?

Thanks,

Jim

James P. Marshburn, VP

H&M ELECTRICAL & UNDERGROUND UTILITIES, INC.

407-880-1889, EXT. 102

On Monday, January 8, 2024 at 01:09:03 PM EST, Bryan A. Knight <bryan.knight2@temple-inc.com> wrote:

Please see the attached. The signs could not be designed using the given specifications that were given.

If these get approved as is, the quote will need to be revised.

Bryan

For your security, please verify any request for ACH, wire transfer, remittance, or other financial transaction changes by calling 850-385-5060 before processing. This is the only authorized verification channel.

Can you please see below clarification requested from the subcontractor and supplier providing the internally illuminated signs, and please let me know.

Thanks and regards,

Brenda Tsagaris
Transportation Contract Coordinator, EEOCO
Office of the County Engineer
Main: 352-671-8686
Empowering Marion for Success!

From: H&M Electrical & Underground Utilities, Inc. <hmelect@aol.com>
Sent: Monday, January 8, 2024 4:37 PM
To: Kathryn Barnes <kbarnes@cwrrcontracting.com>
Subject: Fw: CR 42@ SE 182nd

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If we build the proper signs it appears they will have to be bigger which will also mean that the pole mounted brackets will have to be bigger as well, which will increase our pricing.

Thanks,
Jim

James P. Marshburn, VP
H&M ELECTRICAL & UNDERGROUND UTILITIES, INC.
407-880-1889, EXT. 102

----- Forwarded Message -----

From: Bryan A. Knight <bryan.knight2@temple-inc.com>
To: H&M Electrical & Underground Utilities, Inc. <hmelect@aol.com>
Sent: Monday, January 8, 2024 at 04:00:47 PM EST

Randal Stagg

From: Watson, Donald <Donald.Watson@marionfl.org>
Sent: Tuesday, January 9, 2024 2:08 PM
To: Tsagaris, Brenda
Cc: Cohoon, Steven; Hinton, Douglas; Randal Stagg; Hickman, Gerald; Zeigler, Christopher
Subject: RE: 2083 - G2M09 - 434844 - RFI#1=OVERHEAD SIGNS (LAP) - CR 42 @ SE 182nd Ave Rd

Hi Brenda,

The plans called for internally illuminated signs, which is what we want installed. I'm ok with increasing the size of the signs if it's needed to fit the text.

The illuminated sign designs that Temple provided need to be revised per the comments below. Some of these comments were included in the signals submittal that we sent back for revisions.

Sign Features

- Letter height shown in upper right corner is 10". Revise to correct height for each sign.
- Sign B (single-sided) will not use an underhang mount. It will be rigidly attached to the cantilever arm.

Sign A

- Remove the Marion County route sign logo.
- Change "CR 42" to "SE Hwy 42". This is the street name assigned by 911.

Sign B

- Use "Av" instead of "Ave" for the abbreviation.
- The sign cannot exceed 9 ft per FDM 230.2.10. If needed, use E Mod font with 10" uppercase and 8" lowercase.

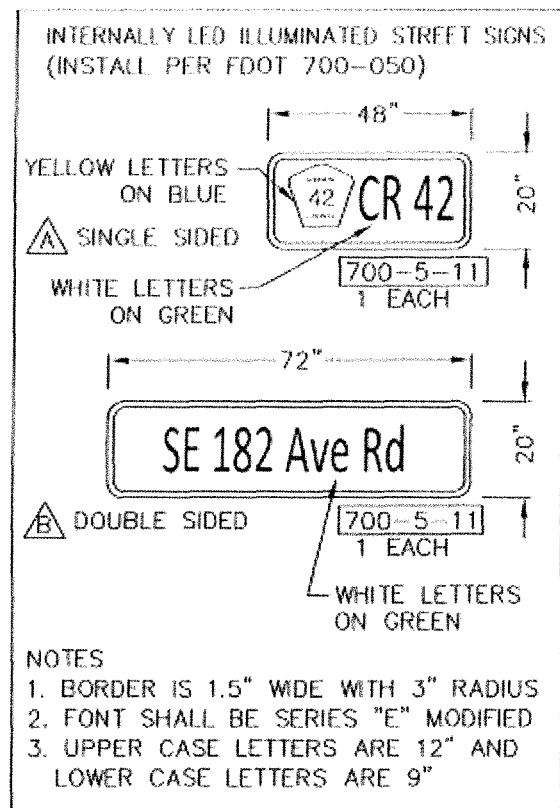
Thanks,
Don

Donald Watson, PhD, P.E.
Senior Engineer
Office of the County Engineer
Main: 352-671-8686 | Direct: 352-671-8381
Empowering Marion for Success!

From: Tsagaris, Brenda <Brenda.Tsagaris@marionfl.org>
Sent: Tuesday, January 9, 2024 12:48 PM
To: Zeigler, Christopher <Christopher.Zeigler@marionfl.org>; Watson, Donald <Donald.Watson@marionfl.org>
Cc: Cohoon, Steven <Steven.Cohoon@marionfl.org>; Hinton, Douglas <Douglas.Hinton@marionfl.org>; Randal Stagg <RStagg@drmp.com>; Hickman, Gerald <Gerald.Hickman@marionfl.org>
Subject: 2083 - G2M09 - 434844 - RFI#1=OVERHEAD SIGNS (LAP) - CR 42 @ SE 182nd Ave Rd

Good afternoon Chris/Don,

Subject: RE: CR 42@ SE 182nd



See the spec above. As you can see on the proof, I used the same spec that was provided above.

Used a 1.5" Border with 3" Radius.

Used series E Mod Font.

Used 12" upper case and 9" lower case lettering.

Also, in the layout above, the signs are blade signs. The layout does not take into account that there is a frame that needs to go around the sign.

Please see the attached preliminary drawing. To get the signs down to the size that was requested, I had to use the following specs.

Use .80" border with 1.5" radius

Use Series D font.

Use 8" upper case letter and 6" lower case letter.

The Marion County logo will need to be sized down to an 8x8" square in order to fit in the provided space.

Let me know if you have any questions.

Bryan

From: H&M Electrical & Underground Utilities, Inc. <hmelect@aol.com>
Sent: Monday, January 8, 2024 2:37 PM
To: Bryan A. Knight <Bryan.Knight2@temple-inc.com>
Subject: Re: CR 42@ SE 182nd

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Thanks,

Jim

James P. Marshburn, VP

H&M ELECTRICAL & UNDERGROUND UTILITIES, INC.

407-880-1889, EXT. 102

On Monday, January 8, 2024 at 01:09:03 PM EST, Bryan A. Knight <bryan.knight2@temple-inc.com> wrote:

Please see the attached. The signs could not be designed using the given specifications that were given.

If these get approved as is, the quote will need to be revised.

Bryan



TRANSPORTATION CONTROL SYSTEMS

1030 South 86th Street | Tampa, Florida 33619 | 800.886.2735 | 813.630.2800
www.tcstraffic.com

SALES QUOTE #: 27293

QUOTE DATE: 03/19/24 3:35PM

Print Date: 03/19/24 3:41PM

PAGE 1 OF 2

Quoted To

H & M ELECT. AND UNDERGROUND

hmelect@aol.com

FL

QUOTATION INFORMATION

Customer Code H&M100 Doc Owner
Document Date 03/19/24
Project References: TCS BRITELITE ILLUMINATED SIGNS

Item No.	Item Description	Qty Ord	Unit Price	Ext. Price
NO PLANS PROVIDED, PRICING QTY 1 SINGLE FACE 9'X20" REAR MOUNT SIGN & QTY 1 DOUBLE FACE FREE SWINGING SIGN. CANTILEVER SIGN ARM NOT INCLUDED, OTHERS TO SUPPLY. LEAD TIME SUPPLIED AT ORDER RELEASE - TODAY WE ARE ESTIMATING 90 DAYS				
700-5-22	INTERNALLY ILLUMINATED SIGN, OVHD, 12SF TO 18SF C/O	2		
TCSSIGNBL-SF-9-20	BRITE LITE SINGLE FACE 9'X 18/20	1	\$ 2,001.0000	\$ 2,001.00
SP-1131-FL-17-120-PNC	AB 17" TUBE 120" CABLE MIL	2		
TCSSIGNBL-DF-9-20	BRITE LITE DBL FACE 9' X 18/20	1	\$ 2,305.0000	\$ 2,305.00
SP-1072-FL-45	SIGN MNT 45" SS CABLE MINI BRACKET	1		
SURCHARGE-1	OVERLENGTH SHIPPING AND HANDLING FEE 8' TO <12' - PER SHIPMENT	1	\$ 250.0000	\$ 250.00

Quotation Totals And Terms On Next Page



TRANSPORTATION CONTROL SYSTEMS

1030 South 86th Street | Tampa, Florida 33619 | 800.886.2735 | 813.630.2800
www.tcstraffic.com

SALES QUOTE #: 27293

QUOTE DATE: 03/19/24 3:35PM

Print Date: 03/19/24 3:41PM PAGE 2 OF 2

TERMS & CONDITIONS FOR TRANSPORTATION CONTROL SYSTEMS, INC. QUOTATIONS

- ALL ITEMS ARE QUOTED FOB WAREHOUSE.

- SHIPPING CHARGES:

ORDERS DELIVERED TO FLORIDA AND TENNESSEE - ORDERS GREATER THAN \$ 2,500 ARE FREIGHT ALLOWED.
ORDERS DELIVERED TO GA, AL, NC, SC, LA, MS - ORDERS GREATER THAN \$ 2,500 ARE FREIGHT ALLOWED.

- LEAD TIMES:

SCHEDULE IS DETERMINED AFTER RECEIPT OF APPROVED DRAWINGS AND RELEASED BY CUSTOMER. ACTUAL SCHEDULES ARE SUBJECT TO CHANGE DUE TO EXTENUATING CIRCUMSTANCES.

- ALL ORDERS ARE SUBJECT TO ACCEPTANCE BY TRANSPORTATION CONTROL SYSTEMS, INC. UPON RECEIPT OF PURCHASE ORDER.

- PLEASE REFERENCE TCS QUOTE NUMBERS ON ALL PURCHASE ORDERS.

- TERMS ARE NET 30 DAYS FOR ESTABLISHED ACCOUNTS.

- TAX CALCULATIONS ARE FOR ESTIMATE PURPOSES ONLY. ACTUAL SALES TAX WILL BE CHARGED BASED ON SHIP TO ADDRESS.

- QUOTES ARE VALID FOR 30 DAYS. PRICES ARE SUBJECT TO CHANGE IF THE ORDER IS NOT RELEASED IN 60 DAYS FROM THE DATE OF PURCHASE ORDER.

Quotation Totals

Sub-Total		\$ 4,556.00
Freight	\$	0.00
Tax	\$	296.15
Total Amount		\$ 4,852.15

Signature _____

Date _____

23B-049 CR 42 at 182nd Ave Road Turn Lane Addition
Exhibit A - Fee Schedule

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
1	MOBILIZATION AND SPECIAL PROVISIONS	1	LS	\$143,000.00	\$143,000.00
2	PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION	1	LS	\$5,000.00	\$5,000.00
3	CONSTRUCTION LAYOUT	1	LS	\$19,000.00	\$19,000.00
4	MAINTENANCE OF TRAFFIC	1	LS	\$95,000.00	\$95,000.00
5	CLEARING & GRUBBING	1	LS	\$71,500.00	\$71,500.00
6	EARTHWORK				
6.1	Embankment, Regular	503	CY	\$64.00	\$32,192.00
6.2	Excavation, Regular	161	CY	\$64.00	\$10,304.00
7	ROADWAY				
7.1	FC 9.5 FRICTION COURSE (TRAFFIC C)(PG 76-22 PMA)(1.5")	556	TN	\$180.00	\$100,080.00
7.2	FC 9.5 SAFETY EDGE	27	TN	\$235.00	\$6,345.00
7.3	SP 12.5 STRUCTURAL COURSE (TRAFFIC C)(PG 58-22)(1.5")	171	TN	\$185.00	\$31,635.00
7.4	SP 12.5 SAFETY EDGE	27	TN	\$225.00	\$6,075.00
7.5	MILL AND REMOVE ASPHALT (0.75")	4,657	SY	\$3.75	\$17,463.75
7.6	LIMEROCK BASE (LBR100) (14")	2,342	SY	\$35.00	\$81,970.00
7.7	STABILIZED SHOULDER (LBR40) (6")	1,612	SY	\$14.50	\$23,374.00
7.8	SELF-ADHESIVE PAVEMENT MEMBRANE (12") (Petrotac or equivalent)	1,612	LF	\$3.00	\$4,836.00
7.9	TACK COAT	6,730	SY	\$0.85	\$5,720.50
7.10	PRIME COAT	2,073	SY	\$1.15	\$2,383.95
7.11	PAVEMENT PREPARATION	13,459	SY	\$0.60	\$8,075.40
8	DRIVEWAYS				
8.1	ASPHALT APRONS (AT EXISTING PAVED DRIVES) (4)				
8.1.1	FC-9.5(1.0" MINIMUM)	6	TN	\$960.00	\$5,760.00
8.1.2	TACK COAT	102	SY	\$7.20	\$734.40
8.2	NEW ASPHALT DRIVEWAY (AT EXISTING DIRT DRIVES) (2)				
8.2.1	FC-9.5(1.0" MINIMUM)	10	TN	\$620.00	\$6,200.00
8.2.2	6" LIMEROCK BASE	172	SY	\$35.00	\$6,020.00
8.2.3	PRIME COAT	172	SY	\$2.90	\$498.80
9	DRAINAGE				
9.1	18" REINFORCED CONCRETE PIPE	15	LF	\$255.00	\$3,825.00
9.2	18" MITERED END SECTION, CONCRETE(4:1)	1	EA	\$2,825.00	\$2,825.00
9.3	18" CONCRETE COLLAR	1	EA	\$2,000.00	\$2,000.00
9.4	DELINEATOR	1	EA	\$290.00	\$290.00
10	SILT FENCE, STAKED TYPE III	3,029	LF	\$4.75	\$14,387.75
11	SOD	4,812	SY	\$4.85	\$23,338.20
12	STRIPING				
12.1	TEMPORARY STRIPING-PAINT				
12.1.1	PAINTED, YELLOW, SOLID, 6"	1,021	GM	\$1,500.00	\$1,531.50
12.1.2	PAINTED, YELLOW, SOLID, 18"	243	LF	\$0.90	\$218.70
12.1.3	PAINTED, WHITE, SOLID, 6"	0.639	GM	\$1,500.00	\$958.50
12.1.4	PAINTED, WHITE, SOLID, 24"	17	LF	\$1.15	\$19.55
12.1.5	TURN ARROW	4	EA	\$35.00	\$140.00
12.2	PERMANENT STRIPING-THERMOPLASTIC				
12.2.1	THERMOPLASTIC, YELLOW, SOLID, 6"	1,021	GM	\$6,000.00	\$6,126.00

	12.2.2	THERMOPLASTIC, YELLOW, SOLID, 18"	243	LF	\$5.90	\$1,433.70
	12.2.3	THERMOPLASTIC, WHITE, SOLID, 6"	0.639	GM	\$5,900.00	\$3,770.10
	12.2.4	THERMOPLASTIC, WHITE, SOLID, 24"	17	LF	\$7.00	\$119.00
	12.2.5	TURN ARROW	4	EA	\$88.00	\$352.00
	12.2.6	REMOVAL, THERMOPLASTIC	54	SF	\$3.80	\$205.20
12.3		PAVEMENT MARKERS				
	12.3.1	RAISED PAVEMENT MARKER, BI-DIRECTIONAL, AMBER	147	EA	\$4.75	\$698.25
	12.3.2	RAISED PAVEMENT MARKER, BI-DIRECTIONAL, WHITE/RED	15	EA	\$4.75	\$71.25
12.4		OBJECT MARKER, TYPE 4	3	EA	\$290.00	\$870.00
13		INTENTIONALLY DELETED				
14		SIGNALIZATION				
632-7-1		SIGNAL CABLE-NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	1	PI	\$7,400.00	\$7,400.00
634-4-152		SPAN WIRE ASSEMBLY; FURNISH & INSTALL, TWO POINT, DIAGONAL	1	PI	\$6,000.00	\$6,000.00
639-1-410		ELECTRICAL POWER SERVICE, RELOCATE, OVERHEAD, METER FURNISHED BY POWER COMPANY	1	AS	\$4,300.00	\$4,300.00
639-2-1		ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	20	LF	\$12.50	\$250.00
641-2-18		PRESTRESSED CONCRETE POLE; FURNISH & INSTALL; TYPE P-VIII	2	EA	\$22,000.00	\$44,000.00
641-2-80		POLE REMOVAL	2	EA	\$14,700.00	\$29,400.00
650-1-70		TRAFFIC SIGNAL RELOCATE	3	AS	\$1,470.00	\$4,410.00
670-4-1		INTERSECTION BEACON CONTROLLER *(RELOCATE EXISTING)	1	AS	\$3,300.00	\$3,300.00
700-5-21		INTERNALLY LED ILLUMINATED STREET SIGNS (SINGLE SIDED)	1	EA	\$9,300.00	\$9,300.00
700-5-21		INTERNALLY LED ILLUMINATED STREET SIGNS (DOUBLE SIDED)	1	EA	\$9,900.00	\$9,900.00
		AS-BUILT SURVEY	1	LS	\$11,500.00	\$11,500.00
TOTAL						\$876,107.50

