

COLLIN COUNTY
FRONTIER PARKWAY PAVING AND DRAINAGE IMPROVEMENTS
Dallas North Tollway to S.H. 289 (Preston Road)
Project No. IFB 2020-303

CHANGE ORDER NO. 3

A. **INTENT OF CHANGE ORDER**

The intent of this change order is to add a temporary wire span traffic signal at the Frontier Parkway - Worthington Way (Celina)/Victory Way (Prosper) intersection as soon as possible during on-going construction of this project; and then a permanent mast arm traffic signal at this same intersection once all paving elements are complete. This change order modifies the Construction Plans and the Construction Contract entered between Collin County and Mario Sinacola & Sons Excavating, Inc. (MSSEI) for construction of the Frontier Parkway Paving and Drainage Improvements project, dated January 4, 2021 (Collin County Project No. IFB 2020-303)

B. **DESCRIPTION OF CHANGE**

The following revisions are hereby made to the Frontier Parkway Paving and Drainage Improvements project including all necessary paving geometric changes, pavement marking, signage, traffic signals and additional pay item quantities associated with the change:

1. The following Paving geometric, pavement markings and signage plans are revised to accommodate the permanent mast arm traffic signal at the Victory Way/Worthington Way intersection: Each revised sheet is numbered with “**Sheet No. XXA**” and shows “**Change Order No. 3 – 04/29/2022**” in the revision block of the title block. These revised sheets replace the original construction plan sheet.

Proposed Paving Geometric Control Sheets:

GC17A – GC18A

Paving Plan-Profile Sheets

P16A – P18A

P35A – P36A

Permanent Signing, Marking, Barriers & Conduits

PM16A – PM17A

PM47A

2. Furnish and install temporary wire span traffic signal in accordance with the plans and specification added by the Change Order No. 3 and utilizing the traffic signal controller, cabinet and battery back-up furnished by the City of Celina, complete in place and including all necessary survey layouts and construction traffic control measures. The temporary wire span traffic signal is to be installed at the earliest opportunity and is to remain in service until the permanent pavement configuration at the intersection is complete and ready for use.
3. Remove and dispose of temporary wire span traffic signal; furnish and install permanent mast arm traffic signal in accordance with the plans and specifications added by this Change Order No. 3 and utilizing the traffic signal controller and cabinet furnished by the City of Celina and including all necessary survey layouts and construction traffic control measures.

4. New Construction Plan Sheet added to the construction plan set by this Change Order No. 3 are prepared by Lee Engineering, signed, and dated April 5, 2022.:

Traffic Signals at Frontier Pkwy at Worthington/Victory Way: TS-1 through TS-54

C. EFFECT OF CHANGE ON CONTRACT AMOUNT

This change order will have the following effect on the cost of this project:

Item No.	Description	Previous Quantity (Through CO-2)	Quantity This Change Order No. 3	Quantity This Change Order No. 3	Unit	Contract Unit Price	Extended Amount
1-114	Flexible Base Compacted In Place (8" Type A Grade 2)	82,050	83	82,133	S.Y.	\$ 15.00	\$ 1,245.00
1-117	Construct 9-inch Continuously Reinforced Concrete Pavement	72,410	62	72,472	S.Y.	\$ 50.00	\$ 3,100.00
1-121	Construct 48-inch Deep Moisture Treated Subgrade & 8 Ft. PVC Barrier	87,835	140	87,975	S.Y.	\$ 4.00	\$ 560.00
1-126	Construct 6-inch Reinforced Concrete Sidewalk	5,731	110	5,841	S.Y.	\$ 50.00	\$ 5,500.00
1-127	Construct Barrier Free Ramps (Type 7)	16	8	24	Ea.	\$ 2,000.00	\$ 16,000.00
1-198	Furnish and Install (100 mil) (W) 12" (SLD) Pavement Marker Line (Pedestrian Crossing)	435	340	775	L.F.	\$ 4.00	\$ 1,360.00
1-199	Furnish and Install (100 mil) (W) 24" (SLD) Pvmt. Marker Line (Stop-Diagonal Line-Ped)	674	118	792	L.F.	\$ 6.00	\$ 708.00
1-214	Furnish & Install 2-inch PVC Conduit w/Detectable Tape & Pull String (Lighting)	4,891	92	4,983	L.F.	\$ 11.00	\$ 1,012.00
BASE BID SCHEDULE 1 : Subtotal Amount Change Order No. 3							\$ 29,485.00

NEW PAY ITEMS: Change Order No. 3

CO-3.1	Temporary Wire Span Traffic Signal at Victory Way /Worthington Dr.	0	1	1.0	LS	\$107,061.44	\$ 107,061.44
CO-3.2	Permanent Mast Pole Traffic Signal at Victory Way/Worthington Dr.	0	1	1.0	LS	\$497,416.41	\$ 497,416.41
New Pay Items: Subtotal Amount Change Order No. 3							\$ 604,477.85

TOTAL AMOUNT, Change Order No. 3: \$ 633,962.85

Original Contract Amount:	\$21,917,967.50
Change Order No. 1	\$84,516.98
Change Order No. 2	\$975,536.93
Change Order No. 3	\$633,962.85
Revised Contract Amount:	\$23,611,984.26

MSSEI’s Request for Proposal 021, dated May 10,2022 (Attachment No. 1) is hereby made a part of this Change Order No. 3. Should the actual construction quantities for any individual item listed in this proposal exceed, or be less than, the estimated quantities, the lump sum change order amount for new Pay Items CO-3.1 or CO-3.2 shall be adjusted up or down accordingly using the unit prices for that item.

D. EFFECT OF CHANGE ON CONTRACT TIME

The work required under this change order will not add any additional calendar days to this project.

Change Order No. 1	0 Calendar Days
Change Order No. 2	0 Calendar Days
Change Order No. 3	0 Calendar Days
Change Order No. 4	<u>0 Calendar Days</u>
Revised Contract Time	633 Calendar Days

The permanent signal items have an estimated lead time of 180 days from the time submittals are approved. If the signal work affects the project schedule’s critical path, it is understood and agreed that additional time and overhead may be required. The time frame for installation of the temporary signals will depend on receiving the items to be supplied by the owner and installation of the power supply by the electric company.

E. AGREEMENT

By the signatures below of duly authorized agents, Collin County, Texas and Mario Sinacola & Sons Excavation, Inc. do hereby agree to append this Change Order No. 3 to the original contract between themselves, dated January 4, 2021.

COLLIN COUNTY, TEXAS	MARIO SINACOLA & SONS EXCAVATION, INC.
_____ Owner	_____ Contractor
By: _____ <i>(signature)</i>	By: _____ <i>(signature)</i>
Name: _____ <i>(print name)</i>	Name: _____ <i>(print name)</i>
Title: _____	Title: _____
Date: _____	Date: _____
Attest: _____	Attest: _____

ATTACHMENTS:

1. Mario Sinacola & Sons Excavating, Inc. RFP No. 21, May 10, 2022 (BHC Mark-ups)
2. Paradigm Traffic Systems, Inc. Quotation v04/11/2022 for Traffic Controller, Cabinet and BBU System
3. City of Celina Purchase Order issued to Paradigm Traffic Systems, Inc. (PO Number 22-00003863)
4. Revised Construction Plan Sheets numbered “XXA” and marked, “Change Order No. 3” in the revision block of the plan sheet. These sheets replace the current plan sheets.
5. New Construction Plan Sheets: Worthington Way/Victory Way Traffic Signal Plans by Lee Engineering dated 04-05-2022, Sheets TS-1 through TS-54w

Change Order No. 3 - Attachment 1

MARIO SINACOLA & SONS
EXCAVATING, INC.



Roadway: Frontier Parkway
Project: DNT to Preston

May 10, 2022

Bridell Miers, P.E.
Collin County
4690 Community Ave., Suite 200
McKinney, Texas 75071

RE: RFP 021 – Victory Traffic Signal

Ms. Miers,

Attached is the pricing to add temporary and permanent traffic signals at the intersection of Frontier Parkway and Victory Way. For this work the Owner will supply the signal cabinet, controller and BBU to be installed by the Contractor.

The total for both temporary and permanent signals is \$598,171.86. The pricing assumes that the signal cabinet, controller, BBU are to be supplied by the owner and that the radars and Opticom will be used for both the temporary and permanent signals.

The permanent signal items have an estimated lead time of 180 days from the time submittals are approved. If the signal work affects the project schedule's critical path then additional time and overhead may be required.

The time frame for installation of the temporary signals will depend on receiving the items to be supplied by the owner and installation of the power supply by the electric company.

Please send a Change Order so that shop drawings can be created and materials ordered.

If you have any questions or comments, please do not hesitate to call. I can be reached at 469-346-8085.

Thank you,


Eric Giebelhaus
Project Manager

UTILITIES • PAVING • EXCAVATING
P.O. BOX 2329 • 10950 RESEARCH ROAD • FRISCO, TEXAS 75034
(214) 387-3900 • ENGINEERING FAX (214) 387-3940 • FINANCE FAX (214) 387-3950

Change Order No. 3 - Attachment 1



Change Order Request Summary

Project: **Frontier Pkwy**
 Control No.: **IFB 2020-303**

Item	Description	Quantity	UM	Sub	Markup 15%	Bond 1%	Price	Amount
NEW	Traffic Control	1.000	LS				\$ 16,467.59	\$16,467.59
416-6032	Drill Shaft (Signal) 36"	26.000	LF	\$495.00	\$74.25	\$4.95	\$574.20	\$14,929.20
416-6034	Drill Shaft (Signal) 48"	44.000	LF	\$570.00	\$85.50	\$5.70	\$661.20	\$29,092.80
618-6023	Cond PVC SCH 40 2"	25.000	LF	\$22.00	\$3.30	\$0.22	\$25.52	\$638.00
618-6029	Cond PVC SCH 40 3"	150.000	LF	\$28.00	\$4.20	\$0.28	\$32.48	\$4,872.00
618-6033	Cond PVC SCH 40 4"	70.000	LF	\$30.00	\$4.50	\$0.30	\$34.80	\$2,436.00
618-6033	Cond PVC SCH 40 4" Bore	505.000	LF	\$41.50	\$6.23	\$0.42	\$48.14	\$24,310.70
620-6008	Elec Condr No 8 Insulated	1,060.000	LF	\$2.25	\$0.34	\$0.02	\$2.61	\$2,766.60
620-6009	Elec Condr No 6 Bare	575.000	LF	\$2.40	\$0.36	\$0.02	\$2.78	\$1,600.80
620-6010	Elec Condr No 6 Insulated	50.000	LF	\$2.80	\$0.42	\$0.03	\$3.25	\$162.40
621-6001	Tray Cable 3 Cond #14	760.000	LF	\$2.20	\$0.33	\$0.02	\$2.55	\$1,939.52
624-6010	Ground Box Ty D w/Apron	5.000	EA	\$1,300.00	\$195.00	\$13.00	\$1,508.00	\$7,540.00
628-6187	Elec Srv Ty D 120/240 070 NS SS E PS U	1.000	EA	\$8,175.00	\$1,226.25	\$81.75	\$9,483.00	\$9,483.00
680-6002	Install Hwy Trf Signal Isolated	1.000	EA	\$21,600.00	\$3,240.00	\$216.00	\$25,056.00	\$25,056.00
681-6001	Temp Traf Signal	1.000	EA	\$89,780.00	\$13,467.00	\$897.80	\$104,144.80	\$104,144.80
682-6001	Veh Sig Sec (12") LED GRN	10.000	EA	\$350.00	\$52.50	\$3.50	\$406.00	\$4,060.00
682-6002	Veh Sig Sec (12") LED GRN ARROW	4.000	EA	\$350.00	\$52.50	\$3.50	\$406.00	\$1,624.00
682-6003	Veh Sig Sec (12") LED YEL	10.000	EA	\$350.00	\$52.50	\$3.50	\$406.00	\$4,060.00
682-6004	Veh Sig Sec (12") LED YEL ARROW	8.000	EA	\$350.00	\$52.50	\$3.50	\$406.00	\$3,248.00
682-6005	Veh Sig Sec (12") LED RED	10.000	EA	\$350.00	\$52.50	\$3.50	\$406.00	\$4,060.00
682-6006	Veh Sig Sec (12") LED RED ARROW	8.000	EA	\$350.00	\$52.50	\$3.50	\$406.00	\$3,248.00
682-6018	Ped Signal 12" LED Countdown	8.000	EA	\$975.00	\$146.25	\$9.75	\$1,131.00	\$9,048.00
682-6029	Back Plate 12" 3 SEC	10.000	EA	\$175.00	\$26.25	\$1.75	\$203.00	\$2,030.00
682-6031	Back Plate 12" 5 SEC	4.000	EA	\$210.00	\$31.50	\$2.10	\$243.60	\$974.40
684-6031	Trf Sig Cbl Ty A 14 awg 5 condr	443.000	LF	\$2.50	\$0.38	\$0.03	\$2.90	\$1,284.70
684-6033	Trf Sig Cbl Ty A 14 awg 7 condr	282.000	LF	\$3.00	\$0.45	\$0.03	\$3.48	\$981.36
684-6036	Trf Sig Cbl Ty A 14 awg 10 condr	705.000	LF	\$6.00	\$0.90	\$0.06	\$6.96	\$4,906.80
684-6046	Trf Sig Cbl Ty A 14 awg 20 condr	700.000	LF	\$9.50	\$1.43	\$0.10	\$11.02	\$7,714.00
684-6079	Trf Sig Cbl Ty A 12 awg 2 condr	1,450.000	LF	\$2.30	\$0.35	\$0.02	\$2.67	\$3,868.60
686-6047	Ins Trf Sig Pl Am (S) 1 Arm 36" w/ Lum & ILSN	2.000	EA	\$18,900.00	\$2,835.00	\$189.00	\$21,924.00	\$43,848.00
686-6066	Ins Trf Sig Pl Am (S) 1 Arm 65" ILSN	1.000	EA	\$48,750.00	\$7,312.50	\$487.50	\$56,550.00	\$56,550.00
686-6066	Ins Trf Sig Pl Am (S) 1 Arm 55" w/ Lum & ILSN	1.000	EA	\$50,690.00	\$7,603.50	\$506.90	\$58,800.40	\$58,800.40
687-6001	Ped Pole Assembly	4.000	EA	\$3,120.00	\$468.00	\$31.20	\$3,619.20	\$14,476.80
688-6001	Ped Detector Push Button (APS)	8.000	EA	\$985.00	\$147.75	\$9.85	\$1,142.60	\$9,140.80
688-6003	Ped Detector Controller	1.000	EA	\$4,280.00	\$642.00	\$42.80	\$4,964.80	\$4,964.80
6027-6002	Conduit Prepare	600.000	EA	\$1.75	\$0.26	\$0.02	\$2.03	\$1,218.00
6027-6008	Grd Box Prepare	6.000	EA	\$310.00	\$46.50	\$3.10	\$359.60	\$2,157.60
6058-6001	BBU System (EXT Cabinet)	1.000	EA	\$8,760.00	\$1,314.00	\$87.60	\$10,161.60	\$10,161.60
6292-6001	RVDS (Presence Detection Only)	2.000	EA	\$9,750.00	\$1,462.50	\$97.50	\$11,310.00	\$22,620.00
6292-6003	RVDS (Presence & Advanced Detection)	2.000	EA	\$18,400.00	\$2,760.00	\$184.00	\$21,344.00	\$42,688.00
	UNI-Directional Opticom	4.000	EA	\$1,110.00	\$166.50	\$11.10	\$1,287.60	\$5,150.40
	Phase Selector	1.000	EA	\$4,410.00	\$661.50	\$44.10	\$5,115.60	\$5,115.60
	Opticom Cable	879.000	LF	\$2.80	\$0.42	\$0.03	\$3.25	\$2,854.99
	ILSN Signs	4.000	EA	\$4,715.00	\$707.25	\$47.15	\$5,469.40	\$21,877.60
Total							\$	\$588,171.86

\$588,010.26

Signal Cabinet, Controller & BBU Supplied by Owner
 Radars and Opticom used for Tem & Permanent Signals

Celina is providing this in their Traffic Controller Cabinet quotation.



P.O. Box 5508 – Arlington – Texas – 76005-5508
 817.831.9406 – fax 817.831.9407
www.paradigmtraffic.com

Change Order No. 3 - Attachment 2

QUOTATION

Revised on 4/11/2022 at 9:30 AM

TO: City of Celina
 Civil Engineer
 142 N. Ohio St | Celina, TX 75009
attn: Linda Majeed, P.E.
ph: T: 469-813-4189 | M: 469-919-8396
fx: lmajeed@celina.tx.gov

RFQ: BuyBoard Contract # 603-20
 Public Safety, Fire House
 Supply & Equipment &
 Traffic Signals
 1-800-211-5454 fax

DATE	SLSMN	DELIVERY OF MATERIAL	FREIGHT	SHIP VIA	F.O.B	TERMS	QTE NUMBER
3/8/2022	JU	90 - 120 Days ARO	PPD & Allowed	Best Way	Destination	Net 30	Q29740JU
ITEM	QTY	DESCRIPTION				UNIT PRICE	TOTAL PRICE
PLEASE SEE NOTES FOLLOWING THIS QUOTE							
1	1	PTSI P44 COB NEMA CAB W/ Coobalts 1ea Wired P44 Cabinet Assy w/Econolite Cobalt Controller Powder Coated Brown (RAL 8008) Powder Coated White (RAL 9003) **If a Break-Away base is required it is available for \$625.00**				\$14,000.00	\$14,000.00
2	1	BBU SYSTEM (EXTERNAL BATT CABINET) Powder Coated Brown (RAL 8008)				\$5,500.00	\$5,500.00
ALL MATERIALS MEET TXDOT SPECIFICATIONS.							
TOTAL							\$19,500.00

Thank you for the opportunity to submit a proposal to you on this equipment. **Please reference this quotation (by QTE number) when placing order.** If you have any questions please call or send a fax to me.
 This quote is valid for 60 days. Thereafter it is subject to change without notice.

OFFERED BY:

Johnson Udoka
Paradigm Traffic Systems, Inc.
Federal ID# 75-2520341



CITY OF CELINA
 142 North Ohio St
 Celina, Texas 75009
 PH: (972) 382-2682

Life Connected.

PURCHASE ORDER

PO Number: 22-00003863 **Date:** 04/12/2022
Requisition #: REQ04758 **Vendor #:** 3093

ISSUED TO:
 PARADIGM TRAFFIC SYSTEMS, INC
 2201 E DIVISION ST
 ARLINGTON, TX 76011-

SHIP TO:
 Public Works
 10165 CR 106
 Celina, TX 75009

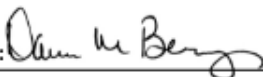
REMIT TO:
 City of Celina
 Accounts Payable
 142 N. Ohio Street
 Celina, TX 75009
accounts payable@celina-tx.gov

ITEM	UNITS DESCRIPTION	GL ACCT #	PROJ ACCT #	PRICE	AMOUNT
1	0 CABINET CONTROLLER FOR FRONTIER PKWY	621-111-000-8502	R21-8502-621	0.00	19,500.00

Change Order No 3- Attachment 3

QUOTE Q29740JU
 BUYBOARD 603-20

Approvals:

Purchasing: 

Requested By: RYAN QUIGLEY

SUBTOTAL:	19,500.00
TOTAL TAX:	0.00
SHIPPING:	0.00
TOTAL	19,500.00

1. City of Celina payment terms are **Net 30**.
2. PO number must appear on all packages, packing slips, and invoices. Failure to comply may result in the delay of payment.
3. All goods are shipped FOB Destination unless otherwise stated.
4. The City of Celina is not liable for payment of invoices received six (6) months after order completion and acceptance. Vendor is responsible for submitting invoices within ten (10) days of completion/acceptance.
5. A complete list of terms and conditions are available on the City's website at www.celina-tx.gov/procurement.