

RON DESANTIS GOVERNOR 605 Suwannee Street Tallahassee, FL 32399-0450 JARED W. PERDUE, P.E. SECRETARY

July 20, 2022

DCE MEMORANDUM NO. 22-11 (FHWA Approved 7-18-22)

## This Memo Has Expired

TO: DISTRICT CONSTRUCTION ENGINEERS

asney ander

FROM: Tim Lattner, P.E., Director, Office of Construction For Property of the Property of the

Lattner, P.E.

COPIES: Dan Hurtado, Ananth Prasad (FTBA), Mark Musselman (ACAF), Mark Clasgens

(FHWA), Ashley Anderson

## SUBJECT: STEEL SIGN STRUCTURES AND MAST ARMS MATERIAL PRICE INDICES

Due to recent volatility in prices of steel sign structures and mast arms materials beyond what the Contractor could have historically anticipated at the time of bid, the Department, at the request of the Contractor, will process a \$0.00 specification change to provide for indexing for steel sign structures and mast arms as provided for in the attached modification to Specification Section 9-2.

For active construction contracts, the Contractor has up to six weeks from the date of this memo to request or decline adoption of the attached specification. If the Contractor submits such a request, material price adjustments shall be made retroactively from the beginning of the contract through final acceptance to produce a cost adjustment which will be applied to the last estimate prior to final acceptance. This adjustment will be calculated by comparing the applicable Index value at the time of letting to the Index value at the time of invoiced material acquisition for new steel sign structures and mast arms materials that are permanently incorporated into the project. The Contractor must submit Contractor Certification of Quantities for all applicable materials purchased. The Contractor must submit a Certification of Quantities for each month prior to the date of this memo and monthly thereafter through the completion of the project. Contractor Certification of Quantities are attached to this memo.

If the Contractor requests to adopt the attached specification into a given contract, the specification shall apply to all pay items listed in the attached Contractor Certifications of Quantities for the entire duration of the contract, from beginning to end. If the Contractor declines adoption of the attached specification, the Contractor shall provide a written Certification that any applicable subcontractors have been notified of this memo and made aware of the Contractor's decision.

The following conditions apply:

- 1. Material Price Adjustments will not be made for materials which were purchased prior to award of the contract.
- 2. Materials must be stored in locations accessible for inspection by the Department per Section 9-5.5 of the Specifications.
- 3. Any materials receiving an adjustment must be incorporated into the specific contract on which material price adjustments are made.
- 4. The material must be approved as meeting applicable specifications.
- 5. For material purchased by subcontractors, the unit price will be the subcontractor unit price as submitted on the accepted Form 700-010-36, Certification of Sublet Schedule "A". Material price adjustments are not eligible for Contractor markup.
- 6. For material purchased by the prime contractor, the unit price will be the bid unit price or, the unit price reflected in the accepted contract schedule of values for design build contracts.
- 7. The contractor is responsible for ensuring quantities are clearly identified on the invoices per the attached specification. In some cases, the quantity submitted on the Contractor Certification of Quantities will not match the invoice quantity.
- 8. Adoption of this Specification will apply to all pay items listed in the attached Certifications of Quantities and will cause adjustments to be made to steel sign structures and mast arms. Contractors may not elect to apply this Specification to one pay item, but not others.
- 9. For contracts which had previously been approved to receive steel tariff compensation in accordance with the attached June 12, 2018 letter, the Contractor must notify the Engineer within six weeks from the date of this memo to either request adoption of the attached specification or, continue to participate in steel tariff compensation. Adoption of the attached specification will remove eligibility for steel tariff compensation in accordance with the attached letter. No contract may participate in both steel tariff compensation and the attached specification.
- 10. Additional project specific guidance for MPAs can be found on the Department's website: https://www.fdot.gov/construction/material-price-adjustment

Construction contracts with letting dates between January 1, 2016 and June 30, 2021 are eligible to participate in this memo. Contracts final accepted on or before the date of this memo are not eligible to participate in this memo.

Payment adjustments shall be coded as Federal-aid non-participating using the appropriate the Line-Item Adjustment Type in SiteManager:

• Material Price Adjustment Steel – MPAS

This memorandum serves as blanket approval to process a \$0.00 contract change to incorporate the attached specification and should be attached to the Work Order or Supplemental Agreement.

If you have any questions, please contact Ashley Anderson, P.E. at 850-414-4184 or by email at Ashley.Anderson@dot.state.fl.us.

TL/aa

## MEASUREMENT AND PAYMENT

ARTICLE 9-2 is expanded by the following:

**9-2.1.4 Material Adjustments for Steel Sign Structures and Mast arms:** The Department will make price adjustments for steel sign structures and mast arms materials included in the list of Pay Items attached to DCE Memo 22-11 in accordance with the following procedures.

Prepare separate Contractor's Certification of Quantities for each material invoice month using the Department form for Material Price Adjustment attached to DCE Memo 22-11. Submit certifications for materials purchased prior to the date of incorporation of this specification within 60-days of incorporation. Submit certifications for subsequent estimate periods to the Engineer no later than Twelve O'clock noon on Monday after the estimate cut-off or as directed by the Engineer, based on the quantity of each material purchased within the estimate period. Material certifications reflecting quantities beyond the final contract quantity shall not be accepted. Ensure each certification includes the Contract Number, Financial Project Identification (FPID) Number, Certification Date and Number, the period the certification represents, and the quantity represented by each invoice for each pay item. Submit material invoices with each certification and clearly identify the following:

- a. Pay Item Number
- b. Certification Quantity
- c. Invoice Number
- d. Invoice Date
- e. Invoice Quantity
- f. Invoice Unit Price
- g. Invoice Total

On Contracts with an original Contract Time of more than 120 days, the Department will adjust the unit price to reflect increases or decreases in material costs from those in effect during the month in which bids were received. The contractor will not be given the option of accepting or rejecting these adjustments. Price adjustments will be made only when the invoice month material price index (IMP) varies by more than 5% from the price index prevailing in the month when the bids were received (BMP), and then only on the portion that exceeds 5%.

The Department will use factors to determine the percentage of unit price applicable to material only.

Price Adjustments will be based on the USDOL monthly Producer Price Index (PPI). The Material Price indices will be available on the Construction Office website before the 15<sup>th</sup> of each month at the following URL: <a href="https://www.fdot.gov/construction/material-price-adjustment">https://www.fdot.gov/construction/material-price-adjustment</a>

Payment on progress estimates will be adjusted to reflect adjustments in the prices for steel sign structures and mast arms materials in accordance with the following:

\$ Adjustment = (quantity)(unit price)(material factor)(ID)

Where ID = Index % Difference = [IMP - 0.95(BMP)] / BMP when the IMP has decreased between the month of bid and the month of material invoice.

Where ID = Index % Difference = [IMP - 1.05(BMP)] / BMP when the IMP has increased between the month of bid and the month of material invoice.

A line-item adjustment will be made on the last progress estimate prior to the final estimate to each applicable pay item to reflect the cumulative value of all Contractor Certification of Quantities submitted throughout the duration of the contract.

Adjustments will be paid or charged to the Prime Contractor only. Any Contractor receiving an adjustment under this provision for work performed by a subcontractor shall distribute such adjustment to subcontractors who perform applicable work.

The Department reserves the right to audit the Contractor's records pertaining to the material certifications submitted for this Contract.

	Steel (Sign Structures and Mast Arms) Price Adjustment Worksheet			
Worksheet No.			Month/Year	Material Index
Contractor:		Base Index		
Financial Project ID:		Current Index		
Contract Number:		Index % Difference		

contract (valide).					mack /0 Birrerence	
				Final		
Item Numbers	Item Description	Unit	Quantity	Final Factor	Bid Unit Price	Material Cost
0649 110	STEEL STRAIN POLE, F&I, PEDESTAL	EA		0.40		\$0.00
0649 111	STEEL STRAIN POLE, F&I, TYPE PS- IV	EA		0.40		\$0.00
0649 112	STEEL STRAIN POLE, F&I, TYPE PS- V	EA		0.40		\$0.00
0649 113	STEEL STRAIN POLE, F&I, TYPE PS- VI	EA		0.40		\$0.00
0649 114	STEEL STRAIN POLE, F&I, TYPE PS- VII	EA		0.40		\$0.00
0649 115	STEEL STRAIN POLE, F&I, TYPE PS- VIII	EA		0.40		\$0.00
0649 116	STEEL STRAIN POLE, F&I, TYPE PS- IX	EA		0.40		\$0.00
0649 117	STEEL STRAIN POLE, F&I, TYPE PS- X	EA		0.40		\$0.00
0649 1101	STEEL STRAIN POLE, FURNISH & INSTALL, CUSTOM TYPE, PROJECT 435837-1-52-01	EA		0.40		\$0.00
0649 1102	STEEL STRAIN POLE, FURNISH & INSTALL, CUSTOM TYPE, PROJECT 430886-1-52-01	EA		0.40		\$0.00
0649 1103	STEEL STRAIN POLE, FURNISH & INSTALL, CUSTOM TYPE, PROJECT 438008-1-52-01	EA		0.40		\$0.00
0649 2150	STEEL CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 50'	EA		0.40		\$0.00
0649 2155	STEEL CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 55'	EA		0.40		\$0.00
0649 2170	STEEL CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 70'	EA		0.40		\$0.00
0649 2250	STEEL CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 50'	EA		0.40		\$0.00
0649 2255	STEEL CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 55'	EA		0.40		\$0.00
0649 2260	STEEL CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 60'	EA		0.40		\$0.00
0649 2265	STEEL CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 65'	EA		0.40		\$0.00
0649 2270	STEEL CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 70'	EA		0.40		\$0.00
0649 4 2	STEEL MAST ARM ASSEMBLY, FURNISH/INSTALL WITH SPECIAL FOUNDATION, SINGLE ARM 30', PROJECT 423251-5-52-01	EA		0.40		\$0.00
0649 4 3	STEEL MAST ARM ASSEMBLY, FURNISH/INSTALL WITH SPECIAL FOUNDATION, SINGLE ARM 50', PROJECT 423251-5-52-01	EA		0.40		\$0.00
0649 4 4	STEEL MAST ARM ASSEMBLY, FURNISH/INSTALL WITH SPECIAL FOUNDATION, SINGLE ARM 60', PROJECT 423251-5-52-01	EA		0.40		\$0.00
0649 4 5	STEEL MAST ARM ASSEMBLY, FURNISH/INSTALL WITH SPECIAL FOUNDATION, SINGLE ARM 70', PROJECT 423251-5-52-01	EA		0.40		\$0.00
0649 21 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	EA		0.40		\$0.00
0649 21 2	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 30'-30'	EA		0.45	5	\$0.00
0649 21 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA		0.40		\$0.00
0649 21 4	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 40'-30'	EA		0.45	5	\$0.00
0649 21 5	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 40'-40'	EA		0.45	5	\$0.00
0649 21 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA		0.40		\$0.00
0649 21 7	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-30'	EA		0.45	5	\$0.00
0649 21 8	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-40'	EA		0.45	5	\$0.00
0649 21 9	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-50'	EA		0.45	5	\$0.00
0649 21 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA		0.40		\$0.00
0649 21 11	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-30'	EA		0.45	5	\$0.00
0649 21 12	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-40'	EA		0.45	5	\$0.00
0649 21 13	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-50'	EA		0.45	5	\$0.00
0649 21 14	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-60'	EA		0.45	5	\$0.00
0649 21 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA		0.40		\$0.00
0649 21 16	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-30'	EA		0.45	5	\$0.00
0649 21 17	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-40'	EA		0.45	5	\$0.00
0649 21 18	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-50'	EA		0.45	5	\$0.00
0649 21 19	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-60'	EA		0.45	5	\$0.00

1968-21-21-0    STEEL MACE ARM ASSEMBLY, PURISHS AND INSTALL, SINGLE ARM 78"   CA					
S089 1213   STEEL MAST ARM ASSEMALY, FUNNISH AND INSTALL, DOUBLE ARM 78-30"   EA	0649 21 20	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-70'	EA	0.45	\$0.00
5699   173   STEEL MIST ARM ASSEMALY, FURNISH AND INSTALL DOUBLE ARM 78-07   EA	0649 21 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	0.40	\$0.00
5699   12   3   STEEL MAST ARM ASSEMBLY, FURRISH AND INSTALL, DOUBLE ARM 78°-00"   5A   0.45   5.00   50.00	0649 21 22	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-30'	EA	0.45	\$0.00
5989 21 25   STEEL MAST ARM SSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78-07	0649 21 23	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-40'	EA	0.45	\$0.00
5999 2176   STEEL MAST ARM SSSEMBY, FURNISH AND INSTALL, DOUBLE ARM 78-70"   SA   0.43   0.04   0.04   0.05   0.	0649 21 24	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-50'	EA	0.45	\$0.00
5999 1217   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL DOUBLE ARM 787-78'   EA   0.40   5.00	0649 21 25	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-60'	EA	0.45	\$0.00
STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONE STYLE, 57 PROJECT 4287021—12-2-01   EA	0649 21 26	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-70'	EA	0.45	\$0.00
0.000   0.00	0649 21 27	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-78'	EA	0.45	\$0.00
SPEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 69, PROJECT 229664-53-201   6A   0.40   5.00	0649 21101	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONE STYLE, 55' PROJECT 434722-1-52-01	EA	0.40	\$0.00
9649 21109   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 9P, PROJECT 493518-13-201   6.4   0.40   5.00   5.00   9649 21106   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 9P, PROJECT 493528-13-201   6.4   0.40   5.00   9649 21107   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 9P, PROJECT 493528-13-201   6.4   0.40   5.00   9649 21108   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 9P, PROJECT 493291-13-201   6.4   0.40   5.00   9649 21109   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 887, PROJECT 493291-13-201   6.4   0.40   5.00   9649 21109   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL SINGLE ARM 887, PROJECT 43291-2-70.0   6.4   0.40   5.00   9649 21110   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONE STYLE, 4F PROJECT 436219-2-70.0   6.4   0.40   5.00   9649 21110   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONE STYLE, 4F PROJECT 436219-2-70.0   6.4   0.40   5.00   9649 21110   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONE STYLE, 4F PROJECT 436219-2-70.0   6.4   0.40   5.00   9649 21111   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONE STYLE, 4F PROJECT 436591-3-2-70.0   6.4   0.40   5.00   9649 21112   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONE STYLE, 4F PROJECT 436591-3-5-01   6.4   0.40   5.00   9649 21113   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL EMOTH DRILLED SHAFT, PROJECT 436597-1-5-01   6.4   0.40   5.00   9649 21114   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL EMOTH DRILLED SHAFT, PROJECT 436597-1-5-01   6.4   0.40   5.00   9649 21116   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL EMOTH DRILLED SHAFT, PROJECT 436597-1-5-01   6.4   0.40   5.00   9649 21116   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL EMOTH DRILLED SHAFT, PROJECT 436597-1-5-01   6.4   0.40   5.00   9649 21116   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL EMOTH DRILLED SHAFT, PROJECT 436597-1-5-01   6.4   0.40   0.40   0.40   0.40   9649 21117   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL EMOTH DRILLED SHAFT, PROJECT 436597-1-5-01   6.4   0.	0649 21102	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 69', PROJECT 229664-3-52-01	EA	0.40	\$0.00
SPEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 395, PROJECT 435538-13-2-01   FACE   F	0649 21103	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 65', PROJECT 229664-3-52-01	EA	0.40	\$0.00
SPEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM SE, PROJECT 432601-1-52-01   Face	0649 21104	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 90', PROJECT 435158-1-52-01	EA	0.40	\$0.00
0.649   12110   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM SE, PROJECT 432601-15-20-10   EA   0.40   9.00   0.649   21108   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM SE, PROJECT 432601-15-20-10   EA   0.40   9.00   0.649   21108   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM SE, PROJECT 432601-15-20-10   EA   0.40   9.00   0.649   21109   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONG STYLE, 6F PROJECT 432601-20-27-01   EA   0.40   9.00   0.649   21100   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONG STYLE, 6F PROJECT 436501-20-72-01   EA   0.40   9.00   0.649   21110   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONG STYLE, 6F PROJECT 436507-15-20-10   EA   0.40   9.00   0.649   21111   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL TROMBONG STYLE, 4F PROJECT 436507-15-20-10   EA   0.40   9.00   0.649   0.669   0.669   0.669   0.669   0.669   0.669   0.	0649 21105	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 95', PROJECT 435158-1-52-01	EA	0.40	\$0.00
5969 21107   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 88, PROJECT 43781-15-201   EA	0649 21106		EA	0.40	
0.699   21108   STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM Ref., PROJECT 437851-1-52-01		, , , , , , , , , , , , , , , , , , ,	EA	0.40	
0.649 2110   STEEL MAST ABM ASSEMBLY, FURNISH AND INSTALL TROMBORE STYLE, 87 PROJECT 436(219-2-77-01)   EA			EA	0.40	
1969   21110   STEEL MAST ABM ASSEMBLY, FURNISH AND INSTALL TROMBONE STYLE, 46 PROJECT 435(21)-27-20.1   EA			FA	0.40	
0.649   21111   STEEL MAST ARM ASSEMBLY, F81, 78 SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01   EA   0.40   \$0.00		, ,			
0.649   21112   STEEL MAST ARM ASSEMBLY, FBL, 63' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01   EA					
0.649   21113   STEEL MAST ARM ASSEMBLY, FRI, 72° SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01   EA				0.40	
0.649 21115   STEEL MAST ARM ASSEMBLY, F&, 18" & SI DOUBLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01   EA					
0649 21115 STEEL MAST ARM ASSEMBLY, F&I, 78° & 51' DOUBLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01 EA 0.45 \$0.00 \$0.00 \$0.00 \$1.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00					
0.649 21116   STEEL MAST ARM ASSEMBLY, FBL, 66' & 51' DOUBLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01   EA		· · · · · · · · · · · · · · · · · · ·			
0649 21117 STEEL MAST ARM ASSEMBLY, F&I, 30' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01 EA 0.40 S0.00 0649 21119 STEEL MAST ARM ASSEMBLY, F&I, 50' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01 EA 0.40 S0.00 0649 2119 STEEL MAST ARM ASSEMBLY, F&I, 65' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01 EA 0.40 S0.00 0649 2110 STEEL MAST ARM ASSEMBLY, F&I, 67' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01 EA 0.40 S0.00 0649 2112 STEEL MAST ARM ASSEMBLY, F&I, 75' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01 EA 0.40 S0.00 0649 2112 STEEL MAST ARM ASSEMBLY, F&I, 75' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01 EA 0.40 S0.00 0649 2112 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 69', PROJECT 229664-6-52-01 EA 0.40 S0.00 0649 21123 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 229664-6-52-01 EA 0.40 S0.00 0649 21125 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 2396964-52-01 EA 0.40 S0.00 0649 21125 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 50'-40' SPECIAL, PROJECT 438059-1-52-01 EA 0.45 S0.00 0649 21125 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 50'-40' SPECIAL, PROJECT 438059-1-52-01 EA 0.45 S0.00 0649 21127 STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 439733-1-52-01 EA 0.40 S0.00					
0649 21118         STEEL MAST ARM ASSEMBLY, F&I, 50' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01         EA         0.40         \$50.00           0649 21119         STEEL MAST ARM ASSEMBLY, F&I, 51' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01         EA         0.40         \$50.00           0649 21120         STEEL MAST ARM ASSEMBLY, F&I, 78' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01         EA         0.40         \$50.00           0649 21121         STEEL MAST ARM ASSEMBLY, F&I, 78' SINGLE, SPECIAL ARM WIDTH, PROJECT 4375441-52-01         EA         0.40         \$50.00           0649 21123         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 69', PROJECT 229664-6-52-01         EA         0.40         \$50.00           0649 21123         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 74', PROJECT 229664-6-52-01         EA         0.40         \$50.00           0649 21124         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 74', PROJECT 438059-1-52-01         EA         0.40         \$50.00           0649 21126         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-6'S SPECIAL, PROJECT 438059-1-52-01         EA         0.45         \$50.00           0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-6'S SPECIAL, PROJECT 438059-1-52-03         EA         0.45         \$50.00           0649 21129         STEEL MAST ARM ASSEMBLY, FUR					
STEEL MAST ARM ASSEMBLY, F&I, 65' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01					
STEEL MAST ARM ASSEMBLY, F&I, 51' SINGLE, SPECIAL LENGTH DRILLED SHAFT, PROJECT 436597-1-52-01					
0649 21121         STEEL MAST ARM ASSEMBLY, F.R.I., 78' SINGLE, SPECIAL ARM WIDTH, PROJECT 437544-1-52-01         EA         0.40         \$0.00           0649 21122         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 69', RPOJECT 229664-6-52-01         EA         0.40         \$0.00           0649 21123         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 79', RPOJECT 239664-6-52-01         EA         0.40         \$0.00           0649 21124         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 74', PROJECT 438059-1-52-01         EA         0.45         \$0.00           0649 21125         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-66' SPECIAL, PROJECT 438059-1-52-01         EA         0.45         \$0.00           0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-66' SPECIAL, PROJECT 438059-1-52-01         EA         0.45         \$0.00           0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21128         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 40'         EA         0.40         \$0.00           0649 22 13         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXIS					
0649 21122         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 69', PROJECT 229664-6-52-01         EA         0.40         \$0.00           0649 21123         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 229664-6-52-01         EA         0.40         \$0.00           0649 21124         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-66' SPECIAL, PROJECT 438059-1-52-01         EA         0.45         \$0.00           0649 21125         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-66' SPECIAL, PROJECT 438059-1-52-03         EA         0.45         \$0.00           0649 21126         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 50'-40' SPECIAL, PROJECT 438059-1-52-03         EA         0.45         \$0.00           0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SO' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21129         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SO' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 22 1130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SO' TROMBONE STYLE, PROJECT 441387-1-52-01         EA         0.45         \$0.00           0649 22 13         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SO' TROMBONE STYLE, PROJECT 441387-1-52-01         EA         0.40         \$0.00           0649 22 17         STEEL MAST ARM ASSE					
0649 21123         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 229664-6-52-01         EA         0.40         \$0.00           0649 21124         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 74', PROJECT 438059-1-52-01         EA         0.45         \$0.00           0649 21125         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-66' PSECIAL, PROJECT 438059-1-52-01         EA         0.45         \$0.00           0649 21126         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 50'-40' SPECIAL, PROJECT 438059-1-52-03         EA         0.45         \$0.00           0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 436219-3-72-02 AND-05         EA         0.40         \$0.00           0649 21128         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 436219-3-72-02 AND-05         EA         0.40         \$0.00           0649 21129         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 4436219-3-72-02 AND-05         EA         0.40         \$0.00           0649 22 3         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 4436219-3-72-02 AND-05         EA         0.45         \$0.00           0649 22 3         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 4436219-3-72-01         EA         0.45         \$0.00           0649 22 17         STEEL MAST ARM ASSEMBLY, FURNISH					
0649 21124         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 74', PROJECT 438059-1-52-01         EA         0.40         \$0.00           0649 21125         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-66' SPECIAL, PROJECT 438059-1-52-01         EA         0.45         \$0.00           0649 21126         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 50'-40' SPECIAL, PROJECT 438059-1-52-03         EA         0.45         \$0.00           0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SO' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21128         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21129         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 441387-1-52-01         EA         0.40         \$0.00           0649 2130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 441387-1-52-01         EA         0.40         \$0.00           0649 213         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 441387-1-52-01         EA         0.40         \$0.00           0649 212         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 42219-3-72-02 AND -05         EA         0.40         \$0.00           0649 22 13         STEEL MAST ARM					
0649 21125         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 70'-66' SPECIAL, PROJECT 438059-1-52-01         EA         0.45         \$0.00           0649 21126         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 50'-40' SPECIAL, PROJECT 438059-1-52-03         EA         0.45         \$0.00           0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 439733-1-52-01         EA         0.40         \$0.00           0649 21128         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 40' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21129         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 4436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 441387-1-52-01         EA         0.45         \$0.00           0649 22 3         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 40'         EA         0.40         \$0.00           0649 22 17         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-40'         EA         0.45         \$0.00           0649 22 18         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-50'         EA         0.45         \$0.00           0649 25 6         STEEL MAST ARM ASSEMBLY, FURN		, , , , , , , , , , , , , , , , , , ,	=: :		
0649 21126         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 50'-40' SPECIAL, PROJECT 438059-1-52-03         EA         0.45         \$0.00           0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 439733-1-52-01         EA         0.40         \$0.00           0649 21128         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 40' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21129         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 2130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 441387-1-52-01         EA         0.45         \$0.00           0649 22 3         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 40'         EA         0.40         \$0.00           0649 22 17         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-40'         EA         0.45         \$0.00           0649 22 18         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-50'         EA         0.45         \$0.00           0649 25 16         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION         EA         0.45         \$0.00           0649 25 10         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FO					
0649 21127         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE 78', PROJECT 436733-1-52-01         EA         0.40         \$0.00           0649 21128         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 40' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21129         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 441387-1-52-01         EA         0.45         \$0.00           0649 22 13         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 40'         EA         0.40         \$0.00           0649 22 17         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-40'         EA         0.45         \$0.00           0649 22 18         STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION         EA         0.45         \$0.00           0649 25 6         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 25 10         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 31903         MAST ARM,F&I- ENERGIZED, WIND SPEED-130, SINGLE ARM,W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01		· · · · · · · · · · · · · · · · · · ·			
0649 21128         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 40' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21129         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 441387-1-52-01         EA         0.45         \$0.00           0649 22 3         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 40'         EA         0.45         \$0.00           0649 22 17         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-40'         EA         0.45         \$0.00           0649 22 18         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-50'         EA         0.45         \$0.00           0649 23 2         STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION         EA         0.45         \$0.00           0649 25 6         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 50'         EA         0.10         \$0.00           0649 25 10         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 31903         MAST ARM,F&I: ENERGIZED, WIND SPEED-130, SINGLE ARM, W/0 LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-		· · · · · · · · · · · · · · · · · · ·			
0649 21129         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, 50' TROMBONE STYLE, PROJECT 436219-3-72-02 AND -05         EA         0.40         \$0.00           0649 21130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 441387-1-52-01         EA         0.45         \$0.00           0649 22 3         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 40'         EA         0.40         \$0.00           0649 22 17         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-40'         EA         0.45         \$0.00           0649 22 18         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-50'         EA         0.45         \$0.00           0649 23 2         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL OR EXISTING FOUNDATION         EA         0.45         \$0.00           0649 25 6         STEEL MAST ARM ASSEMBLY, RURLACE ARM ON EXISTING POLE, 50'         EA         0.10         \$0.00           0649 25 10         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 31903         MAST ARM,F&I- ENERGIZED, WIND SPEED-130,SINGLE ARM,W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31909         MAST ARM,F&I- ENERGIZED, WIND SPEED-150, SINGLE ARM,W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01<			=: :		
0649 21130         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 441387-1-52-01         EA         0.45         \$0.00           0649 22 3         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 40'         EA         0.40         \$0.00           0649 22 17         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-40'         EA         0.45         \$0.00           0649 22 18         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-50'         EA         0.45         \$0.00           0649 23 2         STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION         EA         0.13         \$0.00           0649 25 6         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 50'         EA         0.10         \$0.00           0649 25 10         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 31903         MAST ARM,F&I- ENERGIZED, WIND SPEED-130, SINGLE ARM, W/O LUMINAIRE, 60, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31905         MAST ARM,F&I- ENERGIZED, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 32116         MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01					
0649 22 3       STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 40'       EA       0.40       \$0.00         0649 22 17       STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-40'       EA       0.45       \$0.00         0649 22 18       STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-50'       EA       0.45       \$0.00         0649 23 2       STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION       EA       0.13       \$0.00         0649 25 6       STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 50'       EA       0.10       \$0.00         0649 25 10       STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'       EA       0.10       \$0.00         0649 31903       MAST ARM,F&I - ENERGIZED, WIND SPEED-130, SINGLE ARM,W/O LUMINAIRE-60, PROJECT 422710-5-52-01       EA       0.40       \$0.00         0649 31905       MAST ARM,F&I - ENERGIZED, WIND SPEED-150, SINGLE ARM,W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01       EA       0.40       \$0.00         0649 31990       MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01       EA       0.40       \$0.00         0649 32116       MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM,W/O LUMINAIRE, AG-70.5       EA       0.40       \$0.00         0700 41					
0649 22 17         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-40'         EA         0.45         \$0.00           0649 22 18         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-50'         EA         0.45         \$0.00           0649 23 2         STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION         EA         0.13         \$0.00           0649 25 6         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 50'         EA         0.10         \$0.00           0649 25 10         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 31903         MAST ARM,F&I- ENERGIZED, WIND SPEED-130, SINGLE ARM, W/O LUMINAIRE, 60, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31905         MAST ARM,F&I- ENERGIZED, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31990         MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01         EA         0.40         \$0.00           0649 32116         MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM, W/O LUMINAIRE, 46-70.5         EA         0.40         \$0.00           0700 4111         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT         EA <td></td> <td></td> <td></td> <td></td> <td></td>					
0649 22 18         STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL ON EXISTING FOUNDATION, DOUBLE ARM 70'-50'         EA         0.45         \$0.00           0649 23 2         STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION         EA         0.13         \$0.00           0649 25 6         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 50'         EA         0.10         \$0.00           0649 25 10         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 31903         MAST ARM,F&I- ENERGIZED, WIND SPEED-130,SINGLE ARM,W/O LUMINAIRE.60, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31905         MAST ARM,F&I- ENERGIZED, WIND SPEED-150,SINGLE ARM,W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31990         MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01         EA         0.40         \$0.00           0649 32116         MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM,W/O LUMINAIRE, 46-70.5         EA         0.40         \$0.00           0700 4111         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT         EA         0.46         \$0.00           0700 4112         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT         EA         0.46		' '			
0649 23 2       STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION       EA       0.13       \$0.00         0649 25 6       STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 50'       EA       0.10       \$0.00         0649 25 10       STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'       EA       0.10       \$0.00         0649 31903       MAST ARM,F&I- ENERGIZED, WIND SPEED-130,SINGLE ARM,W/O LUMINAIRE.60, PROJECT 422710-5-52-01       EA       0.40       \$0.00         0649 31905       MAST ARM,F&I- ENERGIZED, WIND SPEED-150,SINGLE ARM,W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01       EA       0.40       \$0.00         0649 31990       MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01       EA       0.40       \$0.00         0649 32116       MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM,W/O LUMINAIRE, 46-70.5       EA       0.40       \$0.00         0700 4111       OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT       EA       0.46       \$0.00         0700 4112       OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT       EA       0.46       \$0.00		' '			
0649 25 6         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 50'         EA         0.10         \$0.00           0649 25 10         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 31903         MAST ARM,F&I- ENERGIZED, WIND SPEED-130, SINGLE ARM, W/O LUMINAIRE. 60, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31905         MAST ARM,F&I- ENERGIZED, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31990         MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01         EA         0.40         \$0.00           0649 32116         MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM, W/O LUMINAIRE, 46-70.5         EA         0.40         \$0.00           0700 4111         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT         EA         0.46         \$0.00           0700 4112         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT         EA         0.46         \$0.00		, ,			
0649 25 10         STEEL MAST ARM ASSEMBLY, REPLACE ARM ON EXISTING POLE, 60'         EA         0.10         \$0.00           0649 31903         MAST ARM,F&I- ENERGIZED, WIND SPEED-130, SINGLE ARM, W/O LUMINAIRE. 60, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31905         MAST ARM,F&I- ENERGIZED, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01         EA         0.40         \$0.00           0649 31990         MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01         EA         0.40         \$0.00           0649 32116         MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM, W/O LUMINAIRE, 46-70.5         EA         0.40         \$0.00           0700 4111         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT         EA         0.46         \$0.00           0700 4112         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT         EA         0.46         \$0.00			=: :		
0649 31903       MAST ARM,F&I- ENERGIZED, WIND SPEED-130, SINGLE ARM,W/O LUMINAIRE-60, PROJECT 422710-5-52-01       EA       0.40       \$0.00         0649 31905       MAST ARM,F&I- ENERGIZED, WIND SPEED-150, SINGLE ARM,W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01       EA       0.40       \$0.00         0649 31990       MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01       EA       0.40       \$0.00         0649 32116       MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM,W/O LUMINAIRE, 46-70.5       EA       0.40       \$0.00         0700 4111       OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT       EA       0.46       \$0.00         0700 4112       OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT       EA       0.46       \$0.00					
0649 31905       MAST ARM,F&I- ENERGIZED, WIND SPEED-150, SINGLE ARM,W/O LUMINAIRE, ARM LENGTH 78, PROJECT 422710-5-52-01       EA       0.40       \$0.00         0649 31990       MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01       EA       0.40       \$0.00         0649 32116       MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM,W/O LUMINAIRE, 46-70.5       EA       0.40       \$0.00         0700 4111       OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT       EA       0.46       \$0.00         0700 4112       OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT       EA       0.46       \$0.00					
0649 31990         MAST ARM,F&I NEW 62' MAST ARM ON MODIFIED FOUNDATION PROJECT 436219-1-72-01         EA         0.40         \$0.00           0649 32116         MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM,W/O LUMINAIRE, 46-70.5         EA         0.40         \$0.00           0700 4111         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT         EA         0.46         \$0.00           0700 4112         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT         EA         0.46         \$0.00					
0649 32116         MAST ARM,F&I ON EXISTING FOUNDATION, WIND SPEED-150, DOUBLE ARM,W/O LUMINAIRE, 46-70.5         EA         0.40         \$0.00           0700 4111         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT         EA         0.46         \$0.00           0700 4112         OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT         EA         0.46         \$0.00					
0700 4111 OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT EA 0.46 \$0.00 0700 4112 OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT EA 0.46 \$0.00		·			
0700 4112 OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT EA 0.46 \$0.00					
		, , , , , , , , , , , , , , , , , , ,	=: :		
0700 4113 OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT EA 0.46 \$0.00					1 1 1 1
	0700 4113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA	0.46	\$0.00

0700 4114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA EA	0.46	\$0.0
0700 4115	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 50'+		0.46	\$0.0
0700 4121	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, UP TO 20 FT	EA	0.46	\$0.0
0700 4122	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 21-30 FT	EA	0.46	\$0.0
0700 4123	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 31-40 FT	EA	0.46	\$0.0
0700 4124	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 41-50 FT	EA	0.46	\$0.0
0700 4125	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA	0.46	\$0.0
0700 4126	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA	0.46	\$0.0
0700 4127	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 151-200 FT	EA	0.46	\$0.0
0700 4128	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 201 FT AND GREATER	EA	0.46	\$0.0
0700 4131	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE, UP TO 20 FT	EA	0.46	\$0.0
0700 4132	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE, 21-30 FT	EA	0.46	\$0.0
0700 4133	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE, 31-40 FT	EA	0.46	\$0.0
0700 4134	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE, 41-50 FT	EA	0.46	\$0.0
0700 4135	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE- SPAN, 51-100 FT	EA	0.46	\$0.0
0700 4136	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE-SPAN, 101-150 FT	EA	0.46	\$0.0
0700 4137	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE-SPAN, 151-200 FT	EA	0.46	\$0.0
0700 4138	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE-SPAN, 200 FT AND GREATER	EA	0.46	\$0.0
0700 4140	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, OVERPASS BRIDGE MOUNT	EA	0.46	\$0.0
0700 5125	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MULTI-SPAN, 51-100 FT	EA	0.46	\$0.0
0700 5126	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MULTI-SPAN, 101-150 FT	EA	0.46	\$0.0
0700 5127	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MULTI-SPAN, 151-200 FT	EA	0.46	\$0.0
0700 5128	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MULTI-SPAN, 201 FT AND GREATER	EA	0.46	\$0.0
0700 10115	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA	0.40	\$0.0
0700 10116	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA	0.40	\$0.0
0700 10117	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, SPAN, 151-200 FT	EA	0.40	\$0.0
0700 10118	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, SPAN, 201 FT AND GREATER	EA	0.40	\$0.0
0700 10121	DMS SUPPORT STRUCTURE, CANTILEVER, UP TO 20 FT	EA	0.40	\$0.0
0700 10122	DMS SUPPORT STRUCTURE, CANTILEVER, 21-30 FT	EA	0.40	\$0.0
0700 10123	DMS SUPPORT STRUCTURE, CANTILEVER, 31-40 FT	EA	0.40	\$0.0
0700 10124	DMS SUPPORT STRUCTURE, CANTILEVER, 41-50 FT	EA	0.40	\$0.0
0700 10130	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, PEDESTAL	EA	0.40	\$0.0
0700 10140	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, MULTI-POST	EA	0.40	\$0.0
0735 1 1	TOLL GANTRY, NON-ACCESSIBLE, FURNISH AND INSTALL, CANTILEVER, 41-50', PROJECT 440857-1-52-01	EA	0.40	\$0.0
0735 1 2	TOLL GANTRY, NON-ACCESSIBLE, FURNISH AND INSTALL, SPAN, 51-100', PROJECT 440857-1-52-01	EA	0.40	\$0.0
0735 1 3	TOLL GANTRY, ACCESSIBLE, FURNISH AND INSTALL, SPAN, 151-200', PROJECT 440857-1-52-01	EA	0.40	\$0.0
0735 1 4	TOLL GANTRY, NON-ACCESSIBLE, FURNISH AND INSTALL, CANTILEVER, 48', PROJECT 435784-1-52-01	EA	0.40	\$0.0
0735 1 5	TOLL GANTRY, NON-ACCESSIBLE, FURNISH AND INSTALL, CANTILEVER, 41-50', PROJECT 433633-1-52-01	EA	0.40	\$0.0
0735 1 7	TOLL GANTRY, ACCESSIBLE, FURNISH AND INSTALL, SPAN 162', PROJECT 435786-1-52-01	EA	0.40	\$0.0
	,,	lant 3	Total (	material cost) \$0.0
	Index % Differ		, .	
			Monthly Moneta	

I certify that, based on my personal knowledge and well-founded belief following my own reasonable investigation, quantities represented by this Certification are true and correct.

Χ	
Prime Contractor's Authorized Agent	

DocuSign Envelope ID:	8600E4EF-0B0C-4D70-B	4DD-849C6201D	32C

Updates: