



# ADDENDUM

September 24, 2020

**RE: City of Mobile Bid #5474 for Street Lighting Poles**

## CHANGE BID OPENING DATE

**From:** 10:30 AM, Friday, September 25, 2020

**To:** 10:30 AM, Tuesday, October 6, 2020

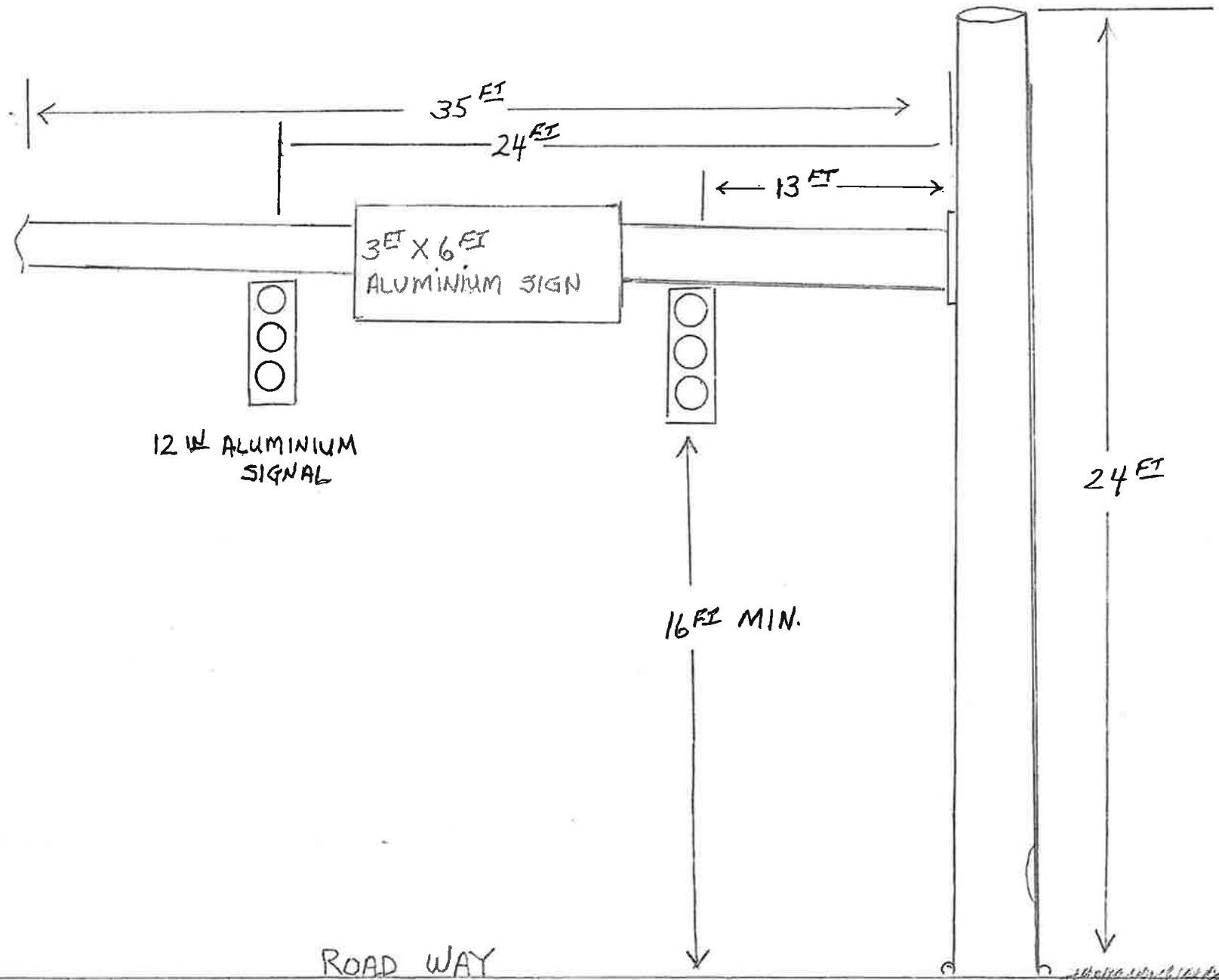
## ADD

The attached specification pages.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John Paine', is positioned above the typed name.

John Paine  
Purchasing Agent  
City of Mobile  
JP/en



6 EACH POLE ALL SAME SIZE AND LOAD

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (LUMP SUM)
DESCRIPTION
#14 SIGNAL CABLE IMSA 20-1
POWER SOURCE (240 VOLTS)
BACKPLATE WITH HARDWARE
VIDEO DETECTION CAMERA
MISCELLANEOUS HARDWARE

REQUIRED  
8" ELECTRICAL CONDUIT, 3 LINES, TYPE 5  
(1) 3" CONDUIT, NONMETAL  
(2) 2" CONDUIT, NONMETAL

EXISTING (RETAIN)  
CABINET, BASE MOUNTED  
CONTROLLER

REQUIRED  
PULL BOX

REQUIRED  
8" ELECTRICAL CONDUIT, 3 LINES, TYPE 5  
(1) 3" CONDUIT, NONMETAL  
(2) 2" CONDUIT, NONMETAL

VIRGINIA STREET  
(POSTED SPEED LIMIT 35MPH)

S WASHINGTON AVENUE

REQUIRED  
(1) VIDEO DETECTION CAMERA  
• SINGLE UNIT CAMERA SHALL BE CAPABLE OF ALL DIRECTION STOP LINE VEHICLE DETECTION.

REQUIRED  
PULL BOX

REQUIRED  
8" ELECTRICAL CONDUIT, 3 LINES, TYPE 5  
(1) 3" CONDUIT, NONMETAL  
(2) 2" CONDUIT, NONMETAL

REQUIRED  
PULL BOX

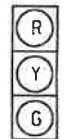
VIRGINIA STREET  
(POSTED SPEED LIMIT 35MPH)

STREET NAME SIGNS

Virginia St	S Washington Av
(RETAINED)	(RETAINED)
F	G

REQUIRED LED TRAFFIC SIGNAL HEADS

TRAFFIC SIGNAL OPERATING PLAN



RETAIN EXISTING TRAFFIC SIGNAL OPERATING PLAN

2,4,6,8

SUPPORTING STRUCTURES							
TRAFFIC SIGNAL POLE WITH MAST ARM							
POLE NUMBER	POLE LENGTH (FT)	MAST ARM			SIGNS		
		ID	LENGTH	QTY	LOCATION *	QTY	LOCATION *
P5	37'	MAG	24' 20"	2	14'-22"	1	7'
P6	37'	MAG	24' 48"	2	14'-21"	1	40'
P7	37'	MAY	24' 48"	2	15'-23"	1	10'
P8	37'	MAB	24' 48"	2	14'-23"	1	10'

LOCATION IS APPROXIMATE DISTANCE MEASURED FROM FACE OF POLE TO POLE IN CLOCKWISE DIRECTION FROM THE NORTH

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
3-2"		CONTROLLER	JUNCTION BOX
2-2"		JUNCTION BOX	SIGNAL POLE
1-8"	ELECTRICAL CONDUIT TYPE 5	JUNCTION BOX	JUNCTION BOX
2-2"		JUNCTION BOX	JUNCTION BOX
1-3"		JUNCTION BOX	JUNCTION BOX
	VIDEO DETECTION + POWER	CONTROLLER	EACH CAMERA UNIT
	#14-4c IMSA 20-1	CONTROLLER	SIGNAL HEADS #2, 4, 6, 8

S WASHINGTON AVENUE

NO	DATE	BY	DESCRIPTION

Two Perimeter Park South  
Suite 500 East  
Birmingham, Alabama 35243  
Phone: (205) 940-6420  
Website: www.sain.com

**SAIN ASSOCIATES**

TRAFFIC SIGNAL LAYOUT  
FOR  
TRAFFIC SIGNAL MODIFICATION  
CITY OF MOBILE

DRWN BY BK	JOB NO. 18-0153
CRD. BY CC	SCALE 30
PROJ. MGR. JS	DATE 3-20-20
SHEET NO. <b>SG-04</b>	

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (LUMP SUM)
DESCRIPTION
#14 SIGNAL CABLE I/MSA 20-1
BACKPLATE WITH HARDWARE
MISCELLANEOUS HARDWARE

REQUIRED  
8' ELECTRICAL CONDUIT, 3 LINES, TYPE 5  
(1) 3" CONDUIT, NONMETAL  
(2) 2" CONDUIT, NONMETAL

REMOVE  
EXISTING STRAIN POLE

REQUIRED  
PULLBOX

RETAIN & RELOCATE  
EXISTING VIDEO DETECTION CAMERAS (TYP)

REQUIRED  
PULLBOX

EXISTING (RETAIN)  
CABINET, BASE MOUNTED  
CONTROLLER

REQUIRED  
8' ELECTRICAL CONDUIT, 3 LINES, TYPE 5  
(1) 3" CONDUIT, NONMETAL  
(2) 2" CONDUIT, NONMETAL

SR56 (AIRPORT BOULEVARD)  
(POSTED SPEED LIMIT 40MPH)

SR56 (AIRPORT BOULEVARD)  
(POSTED SPEED LIMIT 40MPH)

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
3-2"		CONTROLLER	JUNCTION BOX
2-2"		JUNCTION BOX	SIGNAL POLE
1-8"	ELECTRICAL CONDUIT, TYPE 5	JUNCTION BOX	JUNCTION BOX
2-2"		JUNCTION BOX	JUNCTION BOX
1-3"		JUNCTION BOX	JUNCTION BOX
	#14-7c I/MSA 20-1	CONTROLLER	SIGNAL HEAD #5
	#14-4c I/MSA 20-1	CONTROLLER	SIGNAL HEADS #1 2 3 4 5 6 7 8 9

SUPPORTING STRUCTURES							
TRAFFIC SIGNAL POLE WITH MAST ARM							
POLE NUMBER	POLE LENGTH (FT)	MAST ARM		SIGNAL HEADS		SIGNS	
		ID	LENGTH	QTY	LOCATION *	QTY	LOCATION *
P1	37	MA1	55'	3	14' 24" 32"	2	7' 36"
P2	37	MA2	55'	3	22' 32" 45"	2	12' 45"
P3	37	MA3	50'	3	21' 30" 38"	2	17' 26" 42"
P4	37	MA4	55'	3	23' 33" 48"	2	13' 37"

\* LOCATION IS APPROXIMATE DISTANCE MEASURED FROM FACE OF POLE TO POLE IN CLOCKWISE DIRECTION FROM THE NORTH.

STREET NAME SIGNS

Airport Blvd  
(REQUIRED)  
D

S SAGE Ave  
(REQUIRED)  
E

REQUIRED TRAFFIC SIGNS

LEFT TURN  
YIELD  
ON GREEN  
G

LEFT  
TURN  
SIGNAL

NO  
TURN  
ON  
RED  
ARROW

TRAFFIC SIGNAL OPERATING PLAN

RETAIN EXISTING  
TRAFFIC SIGNAL  
OPERATING PLAN

REQUIRED  
LED TRAFFIC  
SIGNAL HEADS

R  
Y  
G

R  
<Y  
<G

R  
<Y  
<G

R  
Y  
G

A  
R10-12

B  
R10-10

C  
R10-11

2,4,6,8

1,5,7

3

9

REQUIRED  
PULLBOX

REMOVE  
EXISTING STRAIN POLE

REQUIRED  
8' ELECTRICAL CONDUIT, 3 LINES, TYPE 5  
(1) 3" CONDUIT, NONMETAL  
(2) 2" CONDUIT, NONMETAL

REMOVE  
EXISTING STRAIN POLE

REQUIRED  
PULLBOX

S SAGE AVENUE

S SAGE AVENUE