CITY OF SAINT LOUIS

DEPARTMENT OF THE PRESIDENT, BOARD OF PUBLIC SERVICE

ADDENDUM NO. 1

TO

PLANS AND SPECIFICATIONS

FOR

TOWER GROVE PARK NEIGHBORHOOD ACCESS ENHANCEMENTS

CITY PROJECT NO. 2017-40-083

ST. LOUIS, MISSOURI

DATE: 11/13/18

CITY LETTING NUMBER: 8677

ADDENDUM TO BID PROPOSAL

1. Two items were omitted in the Bid Proposal form. The bid form is being revised to add the following two items. Please use the revised bid form when submitting your bid.

SIGNING,	STRIPING,	SIGNALS	AND LIGH	TING	ITEMS	UNIT	QUANTITY
	3 Signal H 8 Cable 8	·		DOM:	FD	EACH	1 320

2. The traffic signal controller quantity should be three (3) instead of two. The bid form is being revised to add the additional controller quantity as noted below. Please use the revised bid form when submitting your bid.

SIGNING, STRIPING, SIGNALS AND LIGHTING ITEMS UNIT QUANTITY

902-42.83 Controller Assembly Housing NEMA TS2EACH 3 Controller

ADDENDUM TO PROJECT PLANS:

1. The "SUMMARY OF QUANTITIES" on plan sheet QU-01 (sheet 2 of

- 51) has been revised to include the items one (1) and two (2) noted above. The revised plan sheet QU-01 is included as part of this addendum and is being distributed to the plan holders. Please discard the original plan QU-01 and insert the revised plan sheet QU-01 into the plan set.
- 2. The plan sheet SG-04 (Sheet 38 of 51) has been revised to add the table "CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT". The traffic Controller is being replaced at the intersection of Arsenal and Spring Ave. The revised plan sheet SG-04 is included as part of this addendum and is being distributed to the plan holders. Please discard the original plan SG-04 and insert the revised plan sheet SG-04 into the plan set.

END OF ADDENDUM NO. 1

CONCRETE BOLLARD	EACH	4	
	EACH	3	
	EACH	1]
	EACH	2]
	EACH	2]
	EACH	1]
	C.Y.	249.8	1
	L.F.	1,942.1	1
	L.F.	2,210	1
ANITE CURB	L.F.	50	1
NITE CURB	L.F.	2,160	1
	S.F.	5,478	1
	S.F.	77	1
NCH CONCRETE CURB	S.Y.	449.2	İ
	L.S.	1	1
	C.Y.	205	İ
	EACH	50	1
DST	EACH	37	
	2/10/1	0.	1
SIGNING, STRIPING, SIGNALS, AND LIGHTING ITEMS			ł
		20.000	
MARKING PAINT, 4 IN., WHITE	L.F.	39,606	
MARKING PAINT, 4 IN YELLOW	EACH	14,294	-
T MARKING, 24 IN. WHITE (MMA)	L.F.	2,562	-
MARKING PAINT, 24 IN. YELLOW	L.F.	268	
MARKING PAINT, LEFT/RIGHT ARROW	EACH	15	
MARKING PAINT, STRAIGHT ARROW	EACH	14	
MARKING PAINT, YIELD LINE TRIANGLES	EACH	6	
MARKING PAINT, BICYCLIST	EACH	38	
MARKING PAINT, SHARROW	EACH	~~~	
T MARKING, 5' WIDE GREEN (MMÅ)	, r.k. ,	504	入
	EACH	1)
	LEACH		
	EACH	26	
	EACH	32	
	EACH	10	
	EACH	1	
NGER	L.F.	50	
TH TETHER	L.F.	(367 Y	L .
MA TS2 CONTROLLER	EACH	3	()
	EACH	人 38人 >	\mathcal{V}
VIRE	L.F.	354	
WIRE Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	$ \searrow $	Y 390 Y Y	
	L.F.	320	
	<u> </u>	4,140	
	\sim LF \sim	2,510	
	L.F.	3,520	1
	EACH	2	1
	EACH	8	1
	C.Y.	58.6	1
	EACH	8	1
	S.F.	378.0	1
	EACH	22	1
	LAUII		1
DIVE AND DEDESTRIAN ITEMS			-
BIKE AND PEDESTRIAN ITEMS		4.000	

S.F.

S.F.

S.F.

S.F.

EACH

1.220

8.984.1

6,175.5

483.0

UNIT

L.S.

L.S.

QUANTITY

SUMMARY OF QUANTITIES

ROADWAY ITEMS

NON-PARTICIPATING ITEMS

DESCRIPTION

TAP-5670(604)

BPS 1700-40-083



BOARD OF PUBLIC SERVICE ROOM 301 CITY HALL ST. LOUIS, MISSOURI 63103 PHONE (314) 622-3535 FAX (314) 622-4028

J. CZERNIKIEWICZ, P.E.

Chief of Design Division Ō

VE PARK NEIGHB ENHANCEMENTS

QUANTITIE

OF

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SUMMARY

QU-01

SHEET 02 OF 51

Addendum #1



JASON S. DOHRMANN PE-2004017159 11/13/2018

170539

File Number

HRGreen

16020 SWINGLEY RIDGE ROAD, SUITE 205 ST. LOUIS, MISSOURI 63017 PHONE: (636) 519.0990 CORPORATE LICENSE #2002006608

ITEM NO.

02020-01 02040-01

02220-01

02220-02 02250-01

02250-02

02250-03

02250-04

02250-05

02800-01

02800-04

02860-01 02860-02

02860-03

03000-01

03000-02

608-99.05

619-00.00

804-10.00

903-12.42

620-00.02

620-00.05

620-00.14

620-00.20

620-00.23 620-00-41

620-99.02

620-99.02

620-99.03

902-02.13

902-36-01

902-42.83

902-53.00

902-83.08

02800-02

02800-03

608-99.05

902-0413

TRAFFIC CONTROL

ATG GAS VALVE

CONSTRUCTION STAKEOUT

REMOVAL OF IMPROVEMENTS

ATG WATER METER MANHOLE

GRANULAR BASE (UNDER PCCP)

REMOVAL OF EXIST, GRANITE CURB

36-IN. SURFACE MOUNT DELINEATOR POST

SPAN WIRE ASSEMBLY, SINGLE MESSENGER

CONDUIT, 3 IN., TRENCH WITH TRACER WIRE Y902-73.00 CONDUIT, 31IN., PUSHED WITH TRACER WIRE 902-82.08 CABLE 8 AWG 1 CONDUCTOR, POWER

PCC SIDEWALKS (EXPOSED AGGREGATE)

TRAVERSABLE CONCRETE FLARE

SEE SIGNAL PLAN SHEETS FOR SIGNAL QUANTITY TABULATION.

902-36.02 SPAN WIRE ASSEMBLY, MESSENGER WITH TETHER

INSTALLATION OR ADJUSTMENT OF GRANITE CURB

PICKUP/DELIVERY OF ADDITIONAL GRANITE CURB

CONCRETE MEDIAN WITH DOWELED 6-INCH CONCRETE CURB

HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, 4 IN., WHITE

HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, BICYCLIST

HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, SHARROW

CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER

HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, 4 IN YELLOW

PLURAL COMPONENT LIQUID PAVEMENT MARKING, 24 IN. WHITE (MMA) HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, 24 IN. YELLOW

HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, LEFT/RIGHT ARROW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, STRAIGHT ARROW

PLURAL COMPONENT LIQUID PAVEMENT MARKING, 5' WIDE GREEN (MMÅ)

HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, YIELD LINE TRIANGLES

ATG TRAFFIC PULLBOX

ATG UTILITY MANHOLE

LAWN RESTORATION

SIGNAL HEAD, TYPE 3S SIGNAL HEAD TYPE 30

902-27.08 POST, SIGNAL 8 FT. 902-27.15 POST, SIGNAL 15 FT.

902-91.00 BASE, CONCRETE 902-99.02 DECORATIVE SIGNAL POLES

903-50-04A SH-FLAT SHEET

902-08.11 SIGNAL HEAD, TYPE 1S, PEDESTRIAN 902-08,34 SIGNAL HEAD, MOUNTING HARDWARE

DETECTOR, PUSH BUTTON

902-88.11 PULL BOX, PERFORMED CLASS 2

903-99.02 EXISTING SIGN RELOCATION

02500-01 DETECTABLE WARNING PANELS

7" PCC CURB RAMP

903-99.02 DECORATIVE SIGNAL POLES

GABLE, 16 AWG 2 CONDUCTOR 902-83.10 CABLE, 16 AWG 5 CONDUCTOR 902-83.11 CABLE, 16 AWG 7 CONDUCTOR 902-86.20 POWER SUPPLY ASSEMBLY, TYPE 2

ATG WATER VALVE

PCC CURB

SODDING

806-10.07A CURB INLET CHECK

MOBILIZATION TOPSOIL

REMOVE AND RELOCATE DECORATIVE CONCRETE BOLLARD

TAP-5670(604)

BPS 1700-40-083

BOARD OF PUBLIC SERVICE ROOM 301 CITY HALL ST. LOUIS, MISSOURI 63103 PHONE (314) 622-3535 FAX (314) 622-4028

J. CZERNIKIEWICZ, P.E. Chief of Design Division

ARK NEIGH

GRO

TOWER

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AC

ENHANCEMENT

SHEET

PLAN ST. SIGNAL

SG-04

SHEET 38 OF 51

Addendum #1



DANIEL T. SHANE PE-29833 11/13/2018

170539

File Number

16020 SWINGLEY RIDGE ROAD, SUITE 205 ST. LOUIS, MISSOURI 63017

HRGreen

	MUTCD SIGN NUMBER	SIZE	AREA	/II.C./	HARDWARE	
		INCHES	SQ. FT.	SQ. FT.	EA.	
	R10-3e(L)	9 X 15	0.9	3.6	4	
<u>'</u>	R10-3e(R)	9 X 15	0.9	1.8	2	
			SUBTOTAL	5.4	6	
NCIDENTAL TO APS PUSH BUTTON						
CONTROLLER ASSEMBLY AND AUXILARY EQUIPMENT						
				ı	1	

SIGNS * SIGNAL SIGN SIGN TOTAL MOUNTING AREA QUANTITY

LOCA	ACTUATED			
APPROACH	STATION	OFFSET	NEMA	EV
ARSENAL	368+68	27.0 RT	1	1

NOTE: NEW CONTROLLER SHALL BE PROGRAMMED WITH EXISTING TIMING PLANS.

LEGEND

3" --- CONDUIT CONTAINING CABLE WITH SIZE

MULTI-CONDUCTOR CABLE #12 AWG (UNLESS OTHERWISE INDICATED)

#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)

PULL BOX WITH NUMBER

POST WITH NUMBER

POST WITH MAST ARM

POST WITH MAST ARM AND LUMINAIRE

DISCLAIMER

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NOT TO SCALE

TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

DETECTOR WITH NUMBER

SIGNAL HEAD WITH NUMBER

SIGNAL CONTROLLER

POWER SUPPLY

LIGHTING CONTROLLER

LED STREET NAME SIGN SENSYS DETECTION ACCESS POINT

RADIO ANTENNA

S. SPRING AVE. & ARSENAL ST.

PHONE: (636) 519.0990

CORPORATE LICENSE #2002006608

6-2C#16 (PB)(NEW) 3" (EX.)(UIP) 2-5C#16 (PED)(NEW)

3" (EX.)(UIP) 1-7C#16 6-5C#16 (PED)(NEW)

3" (EX.)(UIP)

4-5C#16 (PED)(NEW) 4-2C#16 (PB)(NEW)

SUMMARY OF QUANTITIES

POST

5

∞

SUBTOTAL 2 1

96

TOTAL 2 1

POWER

1c#8 1c#16

OFFSET

29.08 RT

27.51 LT

27.30 LT

FROM TO

TOTALS

PAY TOTALS

BASE

1.95

0.44

0.44

0.44

3.27

3.27

OOP INTER

3 PAIR

#16

APS PUSH

BUTTON W/

SIGN

PED HEAD W/

COUNTDOWN

TIMER

CABLE

POLE &

BRACKET

1c#10

WIRING DIAGRAM

ARSENAL

LUMINAIRE

CONTROL

2c#12

3-SECTION

HEAD

(R-Y-G)

0

0

0

0

FIBER

SINGLE-

MODE

3" (EX.)(UIP) 1-7C#16 -10#16 3-5C#16 (PED)(NEW)

MULTI-

MODE

REMARKS

INCLUDES 5% FOR SNAKING

3" (EX.)(UIP) 1-7C#16 1-5C#16 (PED)(NEW)

3" (EX.)(UIP) 2-5C#16 (PED)(NEW) 2-2C#16 (PB)(NEW)

DETECTOR

LEAD-IN

CABLE

1c #14

IN DUCT

TYPE

С

CONTROL

REMOVE

EXISTING (USE IN PLACE)

REMOVE

EXISTING (USE IN PLACE)

2c#16 5c#10

(PB) (PED

106

106

120

1-5C#16 (PED)(NEW)

LOCATION

STATION

CONTROLLER

368+83

368+77

369+32

CONDUIT (WITH #14 TRACER WIRE)

2"

PUSHED

3"

14

APPROACH

ARSENAL ST

13

(6)

PAY TOTALS

E1

E2

E3

E4

5

6

RON TO

Designed: ECN Date: 11/13/18 Detailed: AJS Date: 11/13/18 DTS Date: 11/13/18

CITY OF SAINT LOUIS DEPARTMENT OF THE PRESIDENT, BOARD OF PUBLIC SERVICE

CLARIFICATION NO. 1

<u>TO</u>

PLANS AND SPECIFICATIONS

FOR

TOWER GROVE PARK NEIGHBORHOOD ACCESS ENHANCEMENTS

FEDERAL PROJECT NO. TAP 5670(604)

ST. LOUIS, MISSOURI

DATE: 11/13/2018

LETTING NUMBER: 8677

The following clarifications have been provided to questions received from various prospective bidders regarding the project plans and specifications. The question received is listed with the response immediately following the question.

Please acknowledge receipt of this clarification on the bid proposal.

CLARIFICATION TO PLANS:

1. Drawing Sheet SG-06 (Sheet 43 of 51): Construction Note No. 2 and General Note No. 5:

The APS push buttons and signal indications referenced are the units which include voice communication.

2. Drawing Sheets SG-03 (sheet 35 of 51), Sheet SG-04 (Sheet 38 of 51) and Sheet SG-05 (Sheet 41 of 51); The table labeled Controller Assembly and Auxiliary Equipment:

The new traffic signal controllers shall be supplied and installed without battery back-up systems.

END OF CLARIFICATION NO. 1