

FEDERAL PROJECT NOS. CMAQ-5436(603
& STP-5436(604)
BPS PROJECT NO. 2020-11-123

CITY OF SAINT LOUIS

DEPARTMENT OF THE PRESIDENT, BOARD OF PUBLIC SERVICE

ADDENDUM NO. 1

TO

PLANS AND SPECIFICATIONS

FOR

7th STREET IMPROVEMENTS

ST. LOUIS, MISSOURI

DATE: **11/28/23**
LETTING NUMBER: **8766**

The following changes and additions shall be made in the plans, the specifications, and to the estimate. The cost thereof shall be included in the proposals submitted by the bidders.

Receipt of this addendum must be acknowledged on Bid Express.

ADDENDUM TO THE JOB SPECIAL PROVISIONS

- N/A

ADDENDUM TO THE ITEMIZED BID FORM

- STP Line Item #608-60-99c "5" PCC Sidewalk (Railway Exchange Building" - Revise the quantity and the unit of measurement from 126.00 SY to 134 SF.
- Line Item 902-02.13 "Signal Head, Type 3S" - Revise quantity from 39 EA to 14 EA.

ADDENDUM TO DRAWINGS

- Replace Sheets C1.2 through C1.4 sheets attached to this addendum. The A/B sheets were revised to reflect the revisions listed in the "Addendum to the Itemized Bid Form".

SUBMITTED QUESTIONS AND ANSWERS

- Q:** There is no detail drawing or other information provided for the bid item, 2 EA Substation Panel and Hardware?
- A:** Section 6.2 of JSP-19 describes what materials are required as part of the "Substation Panel & Hardware" pay item. Note that the new panel in each existing substation is intended to only be used for the new pedestrian lighting circuits. A compatible photocell should be mounted to the new pedestrian light pole nearest each substation, wired to the new panel to control the new circuits.
- Q:** General note #11 states that "New lighting conduit shall be coordinated with sidewalk and roadway construction to allow trenching of conduit where feasible. Lighting conduit may be installed via directional bore, but will be paid at the bid price for trenched 2" HDP conduit". Boring conduit downtown is not feasible, and many areas of new conduit are not located within the project limits of the sidewalk/pavement removals.
- A:** The City assumes that underground conflicts will require the conduit installation to be open-cut trenched, but boring will be permitted. All costs for the removal/replacement of sidewalk or pavement due to conduit installation that is located outside of the defined areas of sidewalk or full-depth pavement replacement shown on the plans shall be incidental to the cost of the conduit installation. This includes sawcutting, potholing, asphalt/concrete removal, excavation, backfill, new sidewalk/pavement, and any other incidental cost related to the conduit installation. Conduit installation shall be in accordance with the requirements of the "Standard Traffic Signal Specifications for the City of St. Louis", as outlined below:
- Where it is necessary to break sidewalk, driveway, or alley pavement, new pavement equal in depth to that removed shall be replaced on a compacted sub-base. In no case shall sidewalks be less than 5" in depth, and driveway or alley aprons less than 8" in depth. All sidewalks shall be removed to the nearest joint.
 - Where the roadway is removed, such pavement shall be replaced with a concrete base course of 8" minimum thickness and an asphaltic surface course of 2". The finished surface shall match the existing finished grades. All roadway patches must be completed before 7th Street is milled/overlayed.
 - When open cutting for trenched conduit, the excavation shall be a minimum of 12" wide and 30" deep and the conduit depth shall be a minimum of 24" to the top of the conduit. Trenches cannot remain open overnight, and must either be covered by a ¾" steel plate or temporarily backfilled with granular backfill and topped with a minimum of 1" of asphalt. Bored conduit depth shall be a minimum 24" to the top of conduit.

END OF ADDENDUM NO. 1

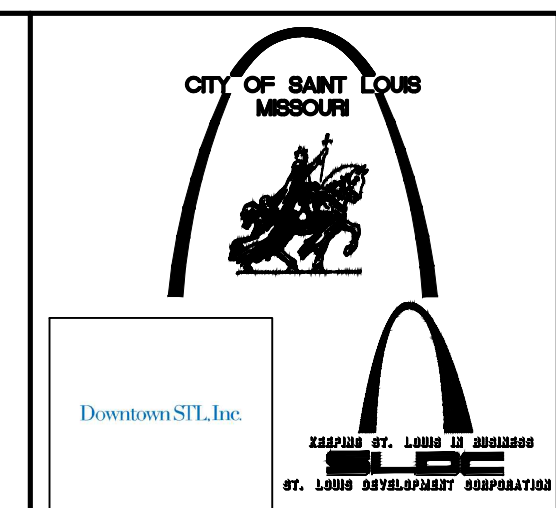
Attachments:

Revised plan sheets C1.2-C1.4 (3 pages)

SUMMARY OF QUANTITIES - STP 5436 (604)			
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
201-99.02	TREE REMOVAL	EA	7
202-99.50a	REMOVE AND SALVAGE BUS SHELTER	EA	1
202-99.50b	REMOVE PARKING METERS	EA	35
216-40.00	CONCRETE CURB REMOVAL	LF	1641
301-01.43	TYPE 1 AGGREGATE FOR BASE (4 IN. THICK)	SY	3055
502-11.08	CONCRETE PAVEMENT (8 IN. NON-REINF)	SY	403
608-10.12	DETECTABLE WARNING PANELS	SF	475
609-10.10	6" VERTICAL CURB AND GUTTER	LF	1825
608-60.099a	5" PCC SIDEWALK	SY	2652
608-60.099c	5" PCC SIDEWALK (RAILWAY EXCHANGE BUILDING)	SF	134
613-10.14	PAVEMENT SAWCUT	LF	3652
614-99.02	MANHOLES/VALVES ADJUST TO GRADE (COUNT: 129)	EA	129
616-99.01	TRAFFIC CONTROL	LS	1
617-99.04b	RAISED BIKE BUFFER STRUCTURES	EA	176
617-99.04a	CITY POLE (BIKE BUFFER AT INTERSECTIONS)	EA	24
618-10.00	MOBILIZATION & DEMOBILIZATION	LS	1
	BIKE RACKS	EA	12
620-00.13a	WATERBORNE PAVEMENT MARKING - 2'-0" PAINTED CROSSWALK STRIPING	LF	2270
620-00.13b	WATERBORNE PAVEMENT MARKING - 2'-0" PAINTED STOP BAR	LF	453
620-00.13c	WATERBORNE PAVEMENT MARKING - 1'-0" PAINTED CROSSWALK STRIPING	LF	650
620-00.22	WATERBORNE PAVEMENT MARKING - STRAIGHT ARROW(CYCLE TRACK)	EA	36
620-00.49a	WATERBORNE PAVEMENT MARKING - STRAIGHT ARROW(STREET)	EA	7
620-00.49b	WATERBORNE PAVEMENT MARKING - STRAIGHT AND TURN ARROW	EA	7
620-00.99	MMA PAVEMENT MARKING - 2'-0" PAINTED GREEN CROSSWALK STRIPING	LF	748
620-59.02a	WATERBORNE PAVEMENT MARKING - 4" PAINTED LANE AND PARKING STRIPING	LF	911
620-59.02b	WATERBORNE PAVEMENT MARKING - 4" PAINTED LANE STRIPING-SKIP DASH	LF	1348
620-99.02a	WATERBORNE PAVEMENT MARKING - BIKE SYMBOL	EA	40
620-99.02b	WATERBORNE PAVEMENT MARKING - SCOOTER SYMBOL	EA	40
9011106	BRACKET ARM, DUAL, 6FT	EA	3
9013002	CONDUIT, 2 IN. RIGID, IN TRENCH	LF	2890
9016110	PULL BOX, PREFORMED CLASS 1	EA	11
9017006	CABLE, 8 AWG, 1 CONDUCTOR	LF	9540
9017110	CABLE, 10 AWG, 1 CONDUCTOR, POLE AND BRACKET	LF	1620
9019902a	REMOVE AND SALVAGE EX. STREET LIGHT POLE, DUAL BRACKET ARM, AND LUMINAIRES	EA	3
9019902b	REMOVE AND SALVAGE EX. DUAL BRACKET ARM AND LUMINAIRES	EA	6
9019902c	PEDESTRIAN LIGHT POLES AND LUMINAIRE, DIRECT BURY FOUNDATION	EA	28
9019902d	33' LIGHT POLE, DIRECT BURY FOUNDATION	EA	3
9019902e	LED ROADWAY LUMINAIRE	EA	6
9019902g	SUBSTATION PANEL AND HARDWARE	EA	2

SUMMARY OF QUANTITIES - STP 5436 (604) (CONTINUED)			
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
620-99.02c	WATERBORNE PAVEMENT MARKING - ANGLED STRIPED AREAS	SF	1456
620-99.04b	MMA PAVEMENT MARKING - PAINTED GREEN 8 FT WIDE CYCLE TRACK	LF	40
620-99.04c	MMA PAVEMENT MARKING - PAINTED GREEN 10 FT WIDE CYCLE TRACK	LF	200
620-99.04d	MMA PAVEMENT MARKING - PAINTED GREEN 10 FT WIDE BIKE BOX	LF	40
620-99.04e	MMA PAVEMENT MARKING - PAINTED 6 INCH WHITE (CYCLE TRACK)	LF	256
620-99.04f	MMA PAVEMENT MARKING - 4 INCH PAINTED YELLOW STRIPING SKIP DASH (CYCLE TRACK)	LF	1649
622-10.01	MILL ASPHALT AND HAUL OFF	SY	9258
622-10.11	CONCRETE REMOVAL - SIDEWALK	SY	2884
622-10.99a	FULL DEPTH PAVEMENT REMOVAL	CY	68
622-10.99b	PAVEMENT OVERDIG (1'-0")	CY	157
624-99.07a	SOIL EXCAVATION - EXISTING TREE PITS	CY	10
624-99.07b	SOIL EXCAVATION - PROPOSED TREE PITS	CY	263
624-99.99	SEDIMENT AND EROSION CONTROL	LS	1
627-40.00	CONSTRUCTION STAKEOUT	LS	1
804-10.00	36" PLANTING SOIL	CY	263
806-99.07	MULCH (2" THICK)	CY	22
808-99.02a	3" CALIPER TREE	EA	37
808-99.02c	SHRUBS (3 GAL)	EA	74
808-99.02d	SLOW RELEASE WATER BAGS (2 PER TREE)	EA	74
808-99.02e	BELOW GRADE TREE ANCHOR STRAPS	EA	37
808-99.02f	BELOW GRADE TREE AERATION SYSTEM	EA	37
	TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING	LS	1
902-49.75	VEHICLE DETECTION SYSTEM	EA	7
	TRAFFIC SIGN (LOCUST ST. AND 7TH ST.)	EA	2
418000002GSI	NEW CURB/GRATE INLET (IN PLACE)	EA	4
4200012000ST	12" STORM SEWER PIPE (IN PLACE)	LF	78
	REMOVE INLET	EA	4
	REMOVE MANHOLE	EA	3
	48" DIAMETER CONCRETE MANHOLE	EA	3
	ASPHALT OVERLAY (2")	SY	9258
	REMOVE AND RELOCATE FIRE HYDRANT	EA	2
	REMOVE AND REPLACE FIRE HYDRANT	EA	3
	WATER DIVISION FEES FOR HYDRANT WORK	EA	19100
	NEW 6"x6" WATER LINE TAP	EA	1
	EXISTING WATER TAP DESTRUCTION	EA	1
	6" WATER PIPE	LF	31
418000002GRA	NEENAH R-3297-1 TYPE "L" GRATE OR APPROVED EQUAL	EA	2

SUMMARY OF QUANTITIES - LOCAL FUNDS			
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
216-40.00	CONCRETE CURB REMOVAL	LF	102
304-01.43	TYPE 1 AGGREGATE FOR BASE (4 IN. THICK)	SY	134
608-10.12	DETECTABLE WARNING PANELS	SF	32
609-10.10	6" VERTICAL CURB AND GUTTER	LF	92
608-60.099A	10" PCC PAVEMENT	SY	45
622-10.11	CONCRETE REMOVAL - SIDEWALK	SY	176
9019902f	COLOR LED STRIP, BRACKET ARM MOUNTED	EA	40
9029902v	CCTV CAMERA (SINGLE CAMERA) INSTALLED	EA	2
9029902a1	CCTV CAMERA (DUAL CAMERA), INSTALLED	EA	3
9029902e1	RELOCATE EXISTING LICENSE PLATE READER VIDEO CAMERA	EA	2



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 David Mason and Associates, Inc.
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7th STREET IMPROVEMENTS
 ST. LOUIS, MISSOURI

Professional Seal:

 Mark E. Davis, P.E. - Civil E-24050

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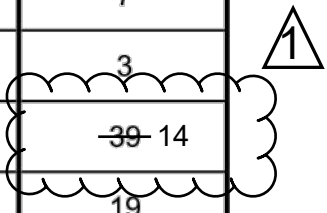
No.	Description	Date
1	ADDENDUM #1	11/07/23

Sheet Title:
A SHEETS

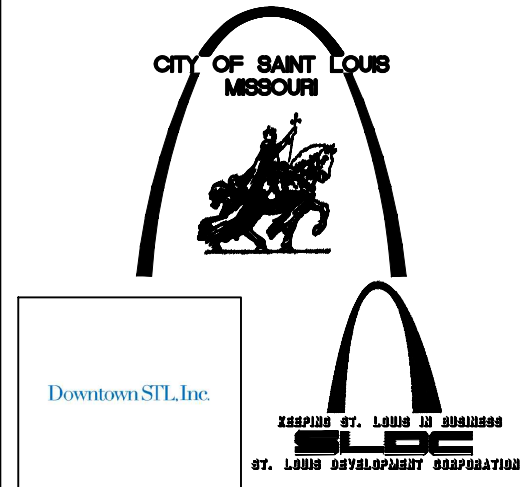
Date: 01/11/23
 Project Number: 2016040-00
 Designed By: JFG
 Drawn By: NPB
 Checked By: MED
 Sheet Number:



SUMMARY OF QUANTITIES - CMAQ 5436 (603)			
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
901115	BRACKET ARM, 15 FT.	EA	7
9018613	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING AND SIGNALS	EA	3
9020213	SIGNAL HEAD, TYPE 3S	EA	39- 14
9020513	SIGNAL HEAD, TYPE 3B	EA	19
9020811	SIGNAL HEAD, TYPE 1S, PEDESTRIAN	EA	38
9020833	SH-FLAT SHEET - SIGNAL SIGN	SF	315
9020834	SIGNAL SIGN, MOUNTING HARDWARE	EA	40
9022651	LUMINAIRE LED-A, 120 VOLT COMPATIBLE	EA	7
9022708	POST, SIGNAL 8 FT.	EA	2
9022715	POST, SIGNAL 15 FT.	EA	22
9023125	POST, TYPE CL, 25 FT. ARM	EA	1
9023225	POST, TYPE C, 25 FT. ARM	EA	1
9023235	POST, TYPE C, 35 FT. ARM	EA	2
9023430	POST, TYPE BL, LONGEST ARM 30 FT.	EA	1
9023435	POST, TYPE BL, LONGEST ARM 35 FT.	EA	1
9023450	POST, TYPE BL, LONGEST ARM 50 FT.	EA	1
9024283	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	EA	3
9025200	CONDUIT, 2 IN., TRENCH WITH TRACER WIRE	LF	580
9025400	CONDUIT, 4 IN., TRENCH WITH TRACER WIRE	LF	640
9027200	CONDUIT, 2 IN., PUSHED WITH TRACER WIRE	LF	1,900
9027400	CONDUIT, 4 IN., PUSHED WITH TRACER WIRE	LF	1,120
9028100	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	670
9028208	CABLE, 8 AWG 1 CONDUCTOR, POWER	LF	1,060
9028302	CABLE, 12 AWG 2 CONDUCTOR	LF	1,040
9028308	CABLE, 16 AWG 2 CONDUCTOR	LF	6,720
9028310	CABLE, 16 AWG 5 CONDUCTOR	LF	6,160
9028311	CABLE, 16 AWG 7 CONDUCTOR	LF	10,760
9028810	PULL BOX, PREFORMED CLASS 1	EA	1
9028811	PULL BOX, PREFORMED CLASS 2	EA	18
9028812	PULL BOX, PREFORMED CLASS 3	EA	5
9028816	PULL BOX, PREFORMED CLASS 5	EA	6
9029100	BASE, CONCRETE	CU YD	33
9029902a	INTERCEPT EXISTING CONDUIT WITH NEW CONDUIT SPLICE	EA	2
9029902b	POST, SIGNAL 4 FT.	EA	10
9029902c	APS UNIT W/ SIGN	EA	44
9029902d	REMOVE EXISTING PULLBOX	EA	10



SUMMARY OF QUANTITIES - CMAQ 5436 (603)			
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
9029902e	REMOVE EXISTING MAST ARM MOUNTED SIGN	EA	8
9029902f	REMOVE EXISTING POST MOUNTED SIGN	EA	8
9029902g	REMOVE EXISTING MAST ARM AND POLE	EA	4
9029902h	REMOVE EXISTING SIGNAL POST	EA	20
9029902i	REMOVE EXISTING SIGNAL HEAD	EA	24
9029902j	REMOVE EXISTING PEDESTRIAN HEAD	EA	38
9029902k	REMOVE EXISTING APS UNIT W/ SIGN	EA	12
9029902l	REMOVE EXISTING SIGNAL CABINET	EA	3
9029902m	REMOVE EXISTING CONCRETE FOUNDATION	EA	23
9029902o	HARDENED ETHERNET SWITCH - LAYER 2	EA	4
9029902p	FUSION SPLICE, SINGLE MODE	EA	168
9029902q	FIBER OPTIC PIGTAIL, SINGLE MODE	EA	168
9029902r	FIBER OPTIC PIGTAIL, MULTI MODE	EA	168
9029902s	RACK-MOUNTED INTERCONNECT CENTER	EA	5
9029902t	FIBER OPTIC JUMPER, SINGLE MODE	EA	30
9029902u	FIBER OPTIC JUMPER, MULTI MODE	EA	16
9029902v	CCTV CAMERA (SINGLE CAMERA) INSTALLED	EA	3
9029902w	SIGNAL HEAD, BICYCLE, TYPE 3S	EA	25
9029903x	FIBER OPTIC CABLE, 48 STRAND SINGLE MODE / 24 STRAND MULTI-MODE	LF	2,330
9029902y	FUSION SPLICE, MULTI MODE	EA	168
9029902z	REMOVE EXISTING PTZ CAMERA	EA	4
9029902b1	RELOCATE EXISTING FIBER OPTIC CABLE	LF	1,020
9029902c1	REMOVE EXISTING WIRELESS APPCC-SPP RADIO	EA	5
9029902d1	RELOCATE EXISTING MAST ARM MOUNTED SIGN	EA	1



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No.	Description	Date
	IFB	05/05/23
1	ADDENDUM 1	11/27/23

Sheet Title:
A SHEETS

Date: 01/11/23
 Project Number: 2016040-00
 Designed By: JFG
 Drawn By: NPB
 Checked By: MED
 Sheet Number:

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