



ADDENDUM #1

DATE: August 29, 2019
OWNER: City of Clayton, Missouri
10 N. Bemiston Ave.
Clayton, Missouri 63105
SUBJECT: Addendum #1
Brentwood Blvd. Resurfacing STP-5500(682)
Project No. BI.2018.PW.1401.020

This Addendum forms a part of the Bidding and Contract Documents and modifies the Plans, Specifications, and Bidding Documents. **FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDUM MAY SUBJECT BIDDER TO DISQUALIFICATION.** Any modification of the work or additional work that the bidder may be required to perform by reasons of this addendum shall be included. All work under this addendum shall be governed by the main specification for such work.

ITEM:

1) REVISIONS:

a) CONSTRUCTION PLANS:

- i) Please note the clouded revisions (noted as #1) on the attached plan sheets. These sheets should replace the plan sheets in the bid package.

(1) Sheets 2 (1, 2, & 7 of 7), 11, & 13

b) NOTICE TO CONTRACTORS

- i) Replace to read: Sealed bids, addressed to Matt Malick, City of Clayton, 10 N. Bemiston, Clayton, MO 63105 for the proposed work will be received by the City of Clayton until 1:00 PM (prevailing local time) on September 6, 2019, at the office of Public Works at Clayton City Hall, and at that time will be publicly opened. Bids should be delivered to: Clayton City Hall, 10 N. Bemiston, Clayton, MO 63105.

c) SPECIAL REQUIREMENTS: SECTION 412.4.1 – General

Replace to read: Pavement milling shall consist of stripping pavement material by a cold milling process for the purpose of removing the top 2" of existing asphalt surface prior to resurfacing. This milling shall provide a surface which is free of gouges, ridges, continuous grooves and shall have a uniform surface texture. Milling shall be done in a longitudinal direction. The roadway is to be milled from curb face to curb face. In areas where a 2" mill creates asphalt "scabs" near the surface of the PCC base these areas must be removed, so that only the concrete base remains. The included pavement cores indicated thick layers of asphalt, therefore we do not believe the PCC base will be encountered in most areas. At times, some concrete may need to be milled off in order to maintain consistent grade lines. This shall be considered incidental to the asphalt removal.

d) SPECIAL REQUIREMENTS: SECTION 412.4.5 – Utility Structures

- i) Replace to read: All existing asphalt must be completely removed from the perimeter of all utility structures, allowing for a full two-inch overlay butted directly against the structure. Immediately following asphalt removal, ramps shall be provided around each structure to accommodate standard traffic speeds. The proposed material shall be approved by the City, the city would consider transition milling or asphalt ramps around the structures. These ramps are to remain in place until immediately prior to paving.
- e) SPECIAL REQUIRMENTS: SECTION 902.1.1 – Description
 - i) Replace to read: This work shall consist of furnishing and placing pavement marking paint and drop-on glass beads at locations shown on the plans or as directed by the City Engineer. The contractor shall use acrylic **waterborne** pavement marking paint at the contract unit price in accordance with this specification.
- f) SPECIAL REQUIRMENTS: SECTION 902.1.4 – Weather limitations
 - i) Replace to read: The pavement surface temperature and air temperature shall be determined before the start of each day of marking operation and at any other time deemed necessary by the City Engineer. Temperatures shall be obtained in accordance with MoDOT Test Method TM 20. For acrylic **waterborne** applications, the pavement surface temperature and ambient air temperature shall be above 35 F.
- g) SPECIAL REQUIRMENTS: SECTION 902.4.7.4 – Paint Temperature
 - Replace to read: Paint may be heated to a maximum temperature of 125 F for acrylic **waterborne** before application.
- 2) CLARIFICATIONS/QUESTIONS:
 - a) Concrete and asphalt recycling shall be done to the extent feasible consider the working hours of the project and load tickets shall be provided. This applies to all mentions of concrete or asphalt recycling.
 - b) Paving should be planned to take place on weekends, weekday night work may be permitted in certain circumstances or phases.
 - c) Milling can take place during the week, utilizing a single lane drop and milling should only be for the area planned to be paved the upcoming weekend. Restrictions not allowing lanes drops before 9am and after 4pm would still apply unless approved otherwise.
 - d) Temporary striping shall follow St. Louis County standards. Between milling and any base repair, temporary markings sufficient for adhering shall be used. This may require temporary pavement marking on uneven surfaces where tape/tabs would not stick.
 - e) Transverse cold joints should be limited to the begin and end of the paving day, in the event additional transverse joints are needed, they will be required to be vertically saw cut (this would also apply to side streets or any other area where asphalt sections meet).

END ADDENDUM #1

SUMMARY OF QUANTITIES - STP-5500(682)			
JSP	DESCRIPTION	UNIT	QUANTITY
ROADWAY ITEMS			
	REMOVAL OF IMPROVEMENTS	LS	1
K	ASPHALTIC CONCRETE MIXTURE PG-64-22 (SP125C MIX)	TONS	4,385
	TACK COAT	GAL	3,070
D	ADJUST MANHOLE TO GRADE	EA	3
D	ADJUST SERVICE VALVE TO GRADE	EA	17
	CONCRETE MEDIAN	SY	116
Q	CONCRETE CURB AND GUTTER, TYPE A (8-INCH)	LF	660
	CONCRETE BASE REPAIR	SY	1,500
J	TRAFFIC CONTROL	LS	1
	MOBILIZATION	LS	1
	COLDMILLING BITUMIOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. OR LESS)	SY	36,389
	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1
	SODDING	SY	629
	TOPSOIL	CY	68
	CURB INLET CHECK, SINGLE INLET	EA	24
	CURB INLET CHECK, DOUBLE INLET	EA	6
SIGNING, STRIPING, SIGNALS, AND LIGHTING ITEMS			
E	PERMANENT PAVEMENT STRIPING, PAINT (4" WHITE)	LF	8,878
E	PERMANENT PAVEMENT STRIPING, PAINT (4" YELLOW)	LF	9,201
E	PERMANENT PAVEMENT MARKINGS, TURN ARROW, PAINT	EA	60
E	PERMANENT PAVEMENT MARKINGS, SHARROWS, PAINT	EA	50
E	PERMANENT PAVEMENT MARKINGS, HANDICAP, PAINT	EA	6
E	PERMANENT PAVEMENT MARKINGS, PARK SPACE, PAINT	EA	28
E	PERMANENT PAVEMENT STRIPING, PAINT (12" WHITE)	LF	1,407
E	PERMANENT PAVEMENT STRIPING, PAINT (24" WHITE)	LF	617
E	PERMANENT PAVEMENT STRIPING, PAINT (24" YELLOW)	LF	348
	CONDUIT, 2 INCH, IN TRENCH	LF	120
	CABLE, 16 AWG, 2 CONDUCTOR (USE IN PLACE WHERE POSSIBLE)	LF	1,300
	BASE, CONCRETE	CY	4.3
D	ADJUST PREFORMED PULL BOX TO GRADE	EA	9
	COUNTDOWN PEDESTRIAN SIGNAL HEAD	EA	16
	AUDIBLE PEDESTRIAN PUSHBUTTON & SIGN (R10-3E)	EA	18
	STANCTION POST (48 INCH)	EA	11
	36-INCH SURFACE-MOUNT DELINEATOR POST	EA	16
L	SH-FLAT SHEET (PERMANENT SIGNING)	SF	110
M	EXISTING SENSYS DETECTION PUCKS (TBR AND REPLACED WITH NEW)	EA	28
T	REMOVE AND REPLACE EXISTING STANCTION POST / PEDESTRIAN PEDESTAL	EA	3
BIKE AND PEDESTRIAN ITEMS			
	CURB RAMP (7-IN. THICK)	SY	357
	OZARK VANGUARD TRUNCATED DOMES FOR CURB RAMPS	SF	417
	CONCRETE SIDEWALK (5-IN. THICK)	SY	372
P	BRICK PAVER CROSSWALK	SF	808
	PCC BASE FOR CONCRETE PAVERS	LF	100

JSP - JOB SPECIAL PROVISIONS, AS ATTACHED IN THE PROJECT MANUAL



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LINEAR GRADING, CLASS 1 (NO PAY)			
LOCATION	STATION	STATION	LENGTH (STA.)
BRENTWOOD	05+32	50+80	45.5
WALINCA	398+95	399+51	0.6
FOREST PARK PARKWAY	400+42	400+92	0.5
ROSELINE	498+93	499+50	0.6
ORLANDO	599+31	599+68	0.4
CORPORATE PARKWAY (N)	600+42	600+91	0.5
VENETIAN	699+36	699+68	0.4
DAVIS	799+35	799+68	0.4
DAYTONA	899+40	899+69	0.3
CORPORATE PARKWAY (S)	900+38	900+87	0.5
WATKINS	999+34	999+64	0.3
FRANCIS PLACE	1198+71	1199+42	0.8
TOTAL (FOR INFORMATION ONLY) =			50.8

ASPHALT PAVEMENT									
SHEET	STATION	STATION	ROUTE	LENGTH	WIDTH	COLD MILLING BITUMIOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. OR LESS)	ASPHALTIC CONCRETE MIXTURE PG-64-22 (SP125C MIX)	TACK COAT (0.08Gal/SY) Application Rate	NOTES
				(L.F.)	(FT)	(S.Y.)	(TONS)	(GAL.)	
9	5+31.99	8+00.00	BRENTWOOD	268	63	1897.3	227.7	151.8	
10	8+00.00	9+24.64	BRENTWOOD	125	63	870	104.4	69.6	
10	9+34.62	10+09.33	BRENTWOOD	75	59	487	58.4	39.0	
10	10+19.37	13+00.00	BRENTWOOD	281	65	1995	239.4	159.6	
11	13+00.00	18+00.00	BRENTWOOD	500	70	3915	469.8	313.2	
12	18+00.00	21+54.66	BRENTWOOD	355	85	3068	368.2	245.4	
12	20+92.44	21+54.66	BRENTWOOD	64	92	53	19.1	4.2	ACCOUNTS FOR ASPHALT WEDGE FOR OVERDIG
12	21+64.62	21+66.57	BRENTWOOD	2	115	25	9.0	2.0	ACCOUNTS FOR ASPHALT WEDGE FOR OVERDIG
12	21+66.57	23+00.00	BRENTWOOD	133	88	1412	169.4	113.0	
13	23+00.00	28+50.00	BRENTWOOD	550	99	6259	751.1	500.7	
14	28+50.00	34+00.00	BRENTWOOD	550	67	4782	573.8	382.6	
15	34+00.00	38+00.00	BRENTWOOD	400	66	3053	366.4	244.2	
16	38+00.00	43+50.00	BRENTWOOD	550	68	4566	547.9	365.3	
17	43+50.00	47+00.00	BRENTWOOD	350	68	2660	319.2	212.8	
18	47+00.00	50+80.00	BRENTWOOD	380	67	3244	389.3	259.5	
TOTALS =						36389	4385.4	3070	

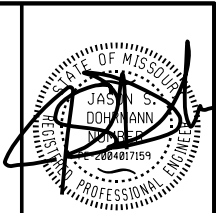
ADJUSTMENTS								
SHEET	ROUTE	STATION	OFFSET	SIDE	ADJUST SERVICE VALVE TO GRADE (EACH)	ADJUST PREFORMED PULL BOX TO GRADE (EACH)	ADJUST MANHOLE TO GRADE (EACH)	REMARKS
9	BRENTWOOD	5+95	26.6	LT			1	MANHOLE IN PAVEMENT
10	BRENTWOOD	9+52	18.2	RT			1	MANHOLE IN PAVEMENT
11	BRENTWOOD	13+69	20.1	LT			1	SANITARY MANHOLE
11	BRENTWOOD	14+11	24.6	LT			1	MANHOLE IN PAVEMENT
11	BRENTWOOD	14+22	27.7	LT			1	TELEPHONE MANHOLE
11	BRENTWOOD	15+89	31.5	LT			1	TELEPHONE MANHOLE
11	BRENTWOOD	16+44	19.7	LT			1	MANHOLE IN PAVEMENT
11	BRENTWOOD	16+73	30.3	LT			1	TELEPHONE MANHOLE
11	BRENTWOOD	17+22	32.3	RT	1			WATER VALVE IN PVMT
12	BRENTWOOD	19+03	19.6	LT			1	MANHOLE IN PAVEMENT
12	BRENTWOOD	21+44	35.8	RT			1	SANITARY MANHOLE
12	BRENTWOOD	21+54	31.3	LT	1			GAS VALVE IN PVMT
12	BRENTWOOD	21+78	20.8	LT			1	SANITARY MANHOLE
12	BRENTWOOD	21+85	38.1	LT			1	MANHOLE IN PAVEMENT
12	BRENTWOOD	21+90	18.4	RT			1	MANHOLE IN PAVEMENT
12	BRENTWOOD	21+93	24.1	LT			1	MANHOLE IN PAVEMENT
12	BRENTWOOD	22+07	32.3	RT			1	MANHOLE IN PAVEMENT
13	BRENTWOOD	23+73	44.2	LT			1	SANITARY MANHOLE
13	BRENTWOOD	23+77	88.3	LT	1			WATER VALVE IN SDWK
13	BRENTWOOD	23+78	50.2	RT			1	MANHOLE IN SIDEWALK
13	BRENTWOOD	23+91	40.8	RT			1	MANHOLE IN PAVEMENT
13	BRENTWOOD	24+13	67.5	LT		1		SIGNAL PULLBOX
13	BRENTWOOD	24+16	72.8	LT		1		CHARTER PULLBOX
13	BRENTWOOD	24+22	57.2	LT			1	MANHOLE IN SIDEWALK
13	BRENTWOOD	24+87	3.0	RT			1	MANHOLE IN PAVEMENT
13	BRENTWOOD	25+01	46.9	RT			1	MANHOLE IN PAVEMENT
13	BRENTWOOD	25+10	27.4	RT	1			WATER VALVE IN PVMT
13	BRENTWOOD	26+33	27.9	RT	1			GAS VALVE IN PVMT
13	BRENTWOOD	26+43	37.9	RT			1	SANITARY MANHOLE
13	BRENTWOOD	26+43	44.2	LT			1	SANITARY MANHOLE
13	BRENTWOOD	26+85	32.2	RT	1			WATER VALVE IN PVMT
13	BRENTWOOD	27+11	25.9	RT	1			GAS VALVE IN PVMT
13	BRENTWOOD	27+50	35.9	RT	1			WATER VALVE IN PVMT
14	BRENTWOOD	29+02	46.8	RT			1	MANHOLE IN PAVEMENT
14	BRENTWOOD	29+63	34.5	LT		1		LIGHTING PULLBOX
14	BRENTWOOD	29+66	34.5	LT		1		LIGHTING PULLBOX
14	BRENTWOOD	30+29	27.9	RT			1	MANHOLE IN PAVEMENT
14	BRENTWOOD	30+34	50.4	RT		1		SIGNAL PULLBOX
14	BRENTWOOD	32+77	39.3	LT			1	GRATE MANHOLE AT RAMP
14	BRENTWOOD	32+81	1.6	RT	1			WATER VALVE IN PVMT
14	BRENTWOOD	33+31	2.8	RT	1			WATER VALVE IN PVMT
15	BRENTWOOD	35+46	29.2	LT			1	MANHOLE IN SIDEWALK
15	BRENTWOOD	35+69	1.7	RT	1			WATER VALVE IN PVMT
15	BRENTWOOD	36+11	58.9	LT	1			GAS VALVE IN SDWK
SUBTOTAL NO. 1					12	5	27	

ADJUSTMENTS								
SHEET	ROUTE	STATION	OFFSET	SIDE	ADJUST SERVICE VALVE TO GRADE (EACH)	ADJUST PREFORMED PULL BOX TO GRADE (EACH)	ADJUST MANHOLE TO GRADE (EACH)	REMARKS
16	BRENTWOOD	38+54	50.7	RT		1		SIGNAL PULLBOX
16	BRENTWOOD	38+62	3.3	RT	1			WATER VALVE IN PVMT
16	BRENTWOOD	38+65	39.9	LT			1	MANHOLE IN PAVEMENT
16	BRENTWOOD	38+65	44.5	LT			1	MANHOLE IN PAVEMENT
16	BRENTWOOD	38+65	57.2	LT		1		SIGNAL PULLBOX
16	BRENTWOOD	38+65	54.8	LT	1			WATER VALVE IN SDWK
16	BRENTWOOD	39+03	49.2	LT	1			GAS VALVE IN SDWK
16	BRENTWOOD	39+04	57.4	LT			1	MANHOLE IN SIDEWALK
16	BRENTWOOD	39+12	42.9	LT			1	MANHOLE IN SIDEWALK
16	BRENTWOOD	39+18	34.8	LT		1		SIGNAL PULLBOX
16	BRENTWOOD	39+31	50.0	RT		1		SIGNAL PULLBOX
16	BRENTWOOD	39+57	6.7	RT	1			WATER VALVE IN PVMT
16	BRENTWOOD	40+14	17.3	RT			1	TELEPHONE MANHOLE
16	BRENTWOOD	41+61	7.0	RT	1			WATER VALVE IN PVMT
16	BRENTWOOD	41+68	11.9	RT			1	TELEPHONE MANHOLE
16	BRENTWOOD	41+69	29.6	RT			1	TELEPHONE MANHOLE
16	BRENTWOOD	41+93	32.3	LT			1	MANHOLE IN PAVEMENT
16	BRENTWOOD	41+99	38.9	LT			1	MANHOLE IN PAVEMENT
17	BRENTWOOD	46+90	20.9	RT			1	MANHOLE IN PAVEMENT
SUBTOTAL NO. 2					5	4	10	
TOTALS =					17	9	37	

CONCRETE BASE REPAIR				
SHEET	STATION	ROUTE	SIDE	CONCRETE BASE REPAIR (S.Y.)
LOCATIONS OF CONCRETE BASE REPAIR TO BE DETERMINED BY ENGINEER DURING CONSTRUCTION.				1500
TOTALS =				1500

EXISTING SENSYS DETECTION PUCKS (TBR&R W/ NEW)				
SHEET	ROUTE	INTERSECTION	T - TYPE SENSYS DETECTION PUCK (EA)	F - TYPE SENSYS DETECTION PUCK (EA)
9	BRENTWOOD	FORSYTH	2	
11	BRENTWOOD	BONHOMME	4	8
16	BRENTWOOD	DAYTONA	4	8
TOTAL =			26	

SUMMARY OF QUANTITIES
SHEET 2 OF 7



DATE PREPARED
8/13/2019
ROUTE
STATE
MO
DISTRICT
SHEET NO.
SL 2
COUNTY
ST. LOUIS
JOB NO.
75160021
CONTRACT ID.

PROJECT NO.
STP-5500(682)
BRIDGE NO.
N/A

DESCRIPTION	DATE	QUANTITY REVISIONS / CLARIFICATIONS
	08/13/19	

THE CITY OF CLAYTON, MISSOURI
THE CITY OF CLAYTON
10 N. BEMISTON
CLAYTON, MO 63105
PHONE: 314-727-8100
FAX: 314-863-0295

HR GREEN, INC.
16020 SWINGLEY RIDGE ROAD,
SUITE 205
ST. LOUIS, MISSOURI 63017
PHONE: (636) 519,0990
CORPORATE LICENSE #2002006608



