

IFB #18-272 North Outer Road and I-70 / David Hoekel Parkway Interchange Grading ADDENDUM 4

Addendum issued August 31, 2018

The following information is hereby incorporated into the Invitation for Bids (IFB):

1. Bidder Question: There are bid items for 24" survey pins, 2" aluminum cap with MODOT imprint and 6' white carsonite post with MODOT R/W stickers. The quantity sheet shows these items By Others. Can you clarify?

City Response: These items will be supplied by MoDOT at the completion of the second project. These were included for informational purposes. The selected contractor will not be required to do anything associated with these items.

- **2. Bidder Question:** Can the 5'x3' box culvert extension be precast? **City Response:** Yes. This would be an allowable method of construction.
- **3. Bidder Question:** The bid item for clearing and grubbing is 32 acres but there is not 32 acres of trees to clear on the project. Can you clarify? Also, there is a quantity of trees shown in the removal of improvements quantities. Are these in addition to the clearing and grubbing item?
 - **City Response:** The quantity shown for clearing and grubbing was mistakenly shown as the disturbed area. According to MoDOT specifications clearing and grubbing should be just for areas with trees. Attached to this addendum are revised quantity sheets to reflect this change. The removal of improvements will also be updated and attached to this addendum to remove any the trees located within the clearing and grubbing limits. If any isolated trees remain they will be listed in the removal of improvements table.
- **4. Bidder Question:** Special provision section Z for topsoil stripping refers to the topsoil stripping form Station 122 to 133. Is this area the only topsoil stripping that is required for the project? Will all other topsoil be incorporated into grading? **City Response:** Yes, this is the only area where topsoil stripping is required.
- 5. Bidder Question: For the topsoil stripped from STA 122 to 133, is re-spreading of this topsoil required or is the property owner assuming this stockpiled material?
 City Response: Per JSP Z, the topsoil that is stripped will be stockpiled on the property owners property listed in JSP Z. Re-spreading will not be required.
- 6. Bidder Question: I do not see re-spreading of topsoil addressed in the specifications. Is respread of topsoil required? If so, at what thickness and how will this be paid?
 City Response: Per JSP Z, The topsoil will be stockpiled on the property owners property listed in JSP Z. Re-spreading in not required.

8. Bidder Question: What are the QC requirements for the concrete paving and asphalt paving?

City Response: Attached to this addendum is a revised table of contents and list of JSP to account for added JSP MMM (Contractor Quality Control).

9. Bidder Question: Is joint sealing required for the concrete pavement on the city portion? If so, what is the specification?

City Response: Yes. The concrete pavement listed as the City of Wentzville will be required to be sealed following City of Wentzville Specification 704.2.c.3 (Joint Sealants).

10. Bidder Question: Is base rock required under the sidewalks? **City Response:** Base rock is not required under the sidewalks.

All other Terms and Conditions as applicable to this Invitation for Bid shall remain as stated.

This addendum forms a part of the contract documents and modifies the original bidding documents dated August 10, 2018. Contractor shall acknowledge this Addendum through the E-bidding software. Failure to do so may subject bidder to disqualification.

End of Addendum4

SPECIFICATION	ITEM NUMBER	SUMMARY OF QUANTITIES ITEM DESCRIPTION	UNIT	MODOT QUANTITY	CITY OF WENTZVILLE QUANTITY	QUANTIT	
MoDOT		2 IN. ALUMINUM CAP WITH MODOT R/W IMPRINT	EA.	17		17	
MoDOT		6 FT. WHITE CARSONITE POST WITH MODOT R/W STICKER	EA.	17		17	
MoDQI	1091032	24 IN. SURVEY PIN	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~ ¹⁷ ~~	~~~	17	
MoDOT MoDOT	2013000	CLEARING AND GRUBBING IREMOVAL OF IMPROVEMENTS	ACRE L.S.			ىئىس	
MoDOT, JSP		CLASS A EXCAVATION	CU.YD.	39,502	73,422	112,924	
MoDOT, JSP	2035500	EMBANKMENT IN PLACE	CU.YD.	25,233	58,073	83,306	
MoDOT	2036000	COMPACTING EMBANKMENT	CU.YD.	75,034	15,852	90,886	
MoDOT	2042010	SETTLEMENT GAUGE	EA.	6		6	
MoDOT	2043010	PORE PRESSURE MEASURING DEVICE	EA.	3		3	
MoDOT, JSP	2051010	MODIFIED SUBGRADE	SQ. YD.	6,100	16,187	22,287	
MoDOT MoDOT	2063000	CLASS 3 EXCAVATION	CU.YD.	1,037 108	631	1,668 108	
MoDOT	3030600	CLASS 4 EXCAVATION FURNISHING ROCK BASE MATERIAL	SQ.YD.	5,812		5,812	
MoDOT		PLACING ROCK BASE	SQ.YD.	5,812		5,812	
MoDOT		TYPE 1 AGGREGATE FOR BASE (6 IN. THICK)	SQ.YD.		1,962	1,962	
MoDOT		TYPE 1 AGGREGATE FOR BASE (8 IN. THICK)	SQ.YD.		357	357	
MoDOT	3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SQ.YD.		15,310	15,310	
MoDOT	3040506	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	SQ.YD.	1,104		1,104	
MoDOT	3105003	GRAVEL (A) OR CRUSHED STONE (B)	SQ.YD.		113	113	
MoDOT	4011207	BITUMINOUS PAVEMENT MIXTURE PG70-22, (BP-1)	TONS		648.7	648.7	
MoDOT	4013010	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BASE WIDENING)	TONS		1,486.4 643	1,486.4 643	
MoDOT MoDOT, JSP	4071005 5021308	TACK COAT CONCRETE PAVEMENT (8 IN. NON-REINFORCED, 15 FT. JOINTS)	GAL. SQ.YD.	138.4	10,310.3	10,448.7	
MoDOT, JSP		CONCRETE PAVEMENT (9 IN. NON-REINFORCED, 15 FT. JOINTS)	SQ.YD.	1,896.7	10,510.5	1,896.7	
MoDOT, JSP		CONCRETE PAVEMENT (8 1/2 IN. NON-REINFORCED, 15 FT. JOINTS)	SQ.YD.	1,692.5		1,692.5	
MoDOT, JSP		TYPE A2 SHOULDER	SQ.YD.	2,009.5	83.2	2,092.7	
MoDOT		MGS GUARDRAIL	L.F.	175	588	763	
MoDOT	6061061	MGS GUARDRAIL, 8 FT. POSTS, 6 FT, - 3 IN. SPACING	L.F.		175	175	
MoDOT	6061070	MGS VERTICAL CONCRETE BARRIER TRANSITION	EA.	1		1	
MoDOT	6063014	TYPE A CRASHWORTHY END TERMINAL (MASH)	EA.	1	2	3	
MoDOT	6071102	MODIFIED CONCRETE GUTTER TYPE B	L.F.	312		312	
MoDOT, JSP		FENCE END POST	EA.	1 004	3	4	
MoDOT, JSP MoDOT, JSP		BLACK CHAIN-LINK FENCE (RETAINING WALLS)	L.F.	64		224 64	
MoDOT, JSP		TEMPORARY FENCE CONCRETE CURB RAMP	SQ. YD.	04	105.3	105.3	
MoDOT, 331		TRUNCATED DOMES	SQ. FT.		123	123	
MoDOT, JSP		6 IN. CONCRETE MEDIAN STRIP	SQ. YD.		22.4	22.4	
MoDOT, JSP		PAVED APPROACH, 7 IN.	SQ. YD.		65.0	65.0	
MoDOT, JSP	6086004	CONCRETE SIDEWALK, 4 IN.	SQ. YD.		751.9	751.9	
MoDOT, JSP	6099903(1)	MOUNTABLE CURB AND GUTTER TYPE O	L.F.		250	250	
MoDOT, JSP		INTEGRAL MOUNTABLE CURB AND GUTTER TYPE O	L.F.		1,820	1,820	
MoDOT, JSP		MODIFIED CURB TYPE O	L.F.	160	10.1	160	
MoDOT, JSP		INTEGRAL ROLLED CURB	L.F.		124	124	
MoDOT, JSP MoDOT		VALLEY GUTTER FURNISHING TYPE 2 ROCK DITCH LINER	L.F.	5	163	163 5	
MoDOT		PLACING TYPE 2 ROCK DITCH LINER	CU.YD.	5		5	
MoDOT		ROCK LINING	CU.YD.	29	17	46	
MoDOT		IMPACT ATTENUATOR (19 SAND BARRELS)	EA.	1		1	
MoDOT		REPLACEMENT SAND BARREL	EA.	10		10	
MoDOT		MANHOLE FRAME AND COVER, TYPE 1-A	EA.	1		1	
MoDOT		GRATE AND BEARING PLATE (3FT. X 3 FT. OR 914 MM X 914 MM)	EA.	3		3	
MoDOT		GRATE AND BEARING PLATE (5FT, X 3 FT, OR 1524 MM X 914 MM)	EA.	1		1	
MoDOT		CURVED VANE GRATE AND FRAME (4 FT. X 2 FT. OR 1200 MM X 600 MM)	EA.	3	4	3	
COW, JSP MoDOT		MANHOLE FRAME AND COVER, TYPE 4 CONSTRUCTION SIGNS	SQ. FT.	248	1 1,394	1,642	
MoDOT		ADVANCED WARNING RAIL SYSTEM	EA.	6	1,394	8	
MoDOT		FLAG ASSEMBLY	EA.	2	2	4	
MoDOT		CHANNELIZER (TRIM LINE)	EA.		150	150	
MoDOT		TYPE III MOVEABLE BARRICADE	EA.		14	14	
MoDOT		FLASHING ARROW PANEL	EA.	1		1	
MoDOT, JSP		CHANNELIZER (TRIM LINE), CONTRACTOR FURNISHED / CITY RETAINED	EA.		20	20	
MoDOT, JSP		TYPE III MOVEABLE BARRICADE, CONTRACTOR FURNISHED / CITY RETAINED	EA.		18	18	
MoDOT		CONCRETE TRAFFIC BARRIER, TYPE D	L.F.	312		312	
MoDOT		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED	L.F.	1,300		1,300	
MoDOT	6173700B SHEET	TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED	L.F.	2,875		2,875	

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON SUMES SESPONSIBILITY ON THE PROFESSIONAL PRO

ADDENDUM #4

OF MISSON STEPHEN FADS PE-2002016846

8/30/2018 STATE I -70 SHEET NO. SL

ST. CHARLES JOB NO. WNTZ-2018-002

PROJECT NO.

BRIDGE NO.

Wentzville | Missouri

CRAWFORM.

CRAWFORM.

ONE MEMORIAL DRIVE, SUITE 500

ST. LOUIS, MO 63102 (314) 436-5500

ENGINEERING CORPORATION - 000631

QUANTITY SHEETS SHEET 1 OF 20

	MODOT - RIGHT OF WAY MARKERS (BY OTHERS)										
SHEET	ROADWAY	STATION LOCATION		24 IN. SURVEY PIN (EA)	2 IN. ALUMINUM CAP WITH MODOT R/W IMPRINT (EA)	6 FT. WHITE CARSONITE POST WITH MODOT R/W STICKER (EA)					
7	I-70	128+45.00	190' LT	1	1	1					
 8	I-70	130+40.00	240' LT	1	1	1					
8	I-70	132+30.00	260' LT	1	1	1					
8	I-70	132+85.00	270' LT	1	1	1					
10	I-70	135+35.00	290' LT	1	1	1					
22	I-70	135+45.00	330' LT	1	1	1					
11	I-70	140+55.00	330' LT	1	1	1					
11	I-70	141+90.00	293,47' LT	1	1	1					
11	I-70	142+15.00	307.43' LT	1	1	1					
11	I-70	142+55.00	296.6' LT	1	1	1					
11	I-70	142+70.00	271.82' LT	1	1	1					
12	I-70	144+80.00	215' LT	1	1	1					
12	I-70	146.75.00	190' LT	1	1	1					
21	I-70	135+01.62	270.78' RT	1	1	1					
21	I-70	135+31.62	359.04' RT	1	1	1					
21	I-70	138+81.62	359.04' RT	1	1	1					
21	I-70	139+16.62	270.8' RT	1	1	1					
	٦	TOTAL		17	17	17					

CLEARING AND GRUBBING								
LOCATION	CLEARING AND GRUBBING (ACRE)	REMARKS						
NORTH OF I-70	2	QUANTITY INCLUDES CLEARING OF TREES TO THE EXISTING RIGHT-OF-WAY OR 10 BEYOND						
SOUTH OF I-70	1	THE SLOPE LIMITS AND ALL UTILITY EASEMENTS AS DIRECTED BY THE ENGINEER.						
TOTAL	3							

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ADDENDUM #4



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY. DATE PREPARED 8/30/2018 ROUTE STATE
I-70 MO DISTRICT SHEET NO. ST. CHARLES

JOB NO. WNTZ-2018-002 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

Wentzville | Missouri

MEORD, MURPHY & TILLY, INC.
MEMORIAL DRIVE, SUITE 500
COUIS, MO 63102 (314) 436-5500
NFFRING CORPORATION - 000631

CITY OF WENTZVILLE - EARTHWORK											
ROADWAY	сит	FILL	CLASS A EXCAVATION (CUYD)	EMBANKMENT IN PLACE (CUYD)	COMPACTING EMBANKMENT (CUYD)	EXCESS EMBANKMENT (CUYD)	REMARKS				
	NORTH OF INTERSTATE										
DAVID HOEKEL PARKWAY	21,454	14,430	21,454		14,430	3,806					
NORTH OUTER ROAD	51,637	1,410	51,637		1,410	37,384	STOCKPILE 5,997 CY OF TOPSOIL FROM STA. 122+00 TO STA. 133+00				
GOODFELLOW CUL-DE-SAC	331	12	331		12	269					
SUBTOTAL	73,422	15,853	73,422	0	15,853	41,458	USE EXCESS EMBANKMENT ON MoDOT PORTION				
				SC	OUTH OF INTERST	ATE					
DAVID HOEKEL PARKWAY	0	58,073	0	58,073							
SUBTOTAL	0	58,073	0	58,073	0	0					
		TOTAL	73,422	58,073	15,853						

NOTE: 15% SHRINK ASSUMED DURING COMPACTION

	MODOT - EARTHWORK									
ROADWAY	сит	FILL	CLASS A EXCAVATION (CUYD)	EMBANKMENT IN PLACE (CUYD)	COMPACTING EMBANKMENT (CUYD)	EXCESS EMBANKMENT (CUYD)	REMARKS			
	NORTH OF INTERSTATE									
DAVID HOEKEL PARKWAY	38	35,273	38	0	31,254		USE 31,221 CY OF EXCESS EMBANKMENT FROM CITY PORTION			
RETAINING WALL A8642	0	-4,019	0	0	0		GRANULAR BACKFILL (REMOVED FROM DHP)			
RAMP 1	23,328	47,932	23,328	14,820	33,112		USE 10,237 CY OF EXCESS EMBANKMENT FROM CITY PORTION AND 3,047 CY FROM I-70			
RAMP 2	11,542	20,224	11,542	10,414	9,810					
INTERSTATE 70	4,594	857	4,594	0	857	3,047	ACCELERATION / DECELERATION LANES			
SUBTOTAL	39,502	100,268	39,502	25,234	75,033					
		TOTAL	39,502	25,234	75,033					

NOTE: 15% SHRINK ASSUMED DURING COMPACTION

QUANTITY SHEETS SHEET 4 OF 20

				REMOVAL OF	MPROVEMEN	TS		
SHEET 11		TO STATION 5.38	BASELINE RAMP 1	LOCATION 25.7' LT	DESCRIPTION TREE	UNIT EA	QUANTITIY 1	REMARKS
		6.46	RAMP 1	25.7 LT 56.4' RT	TREE	EA	1	ADDENDUM #4
11		6.92	RAMP 1	68.3' RT	TREE	EA	1	ADDENDUM #4
11		9.90	RAMP 1	74.7' RT	TREE	EA	1	ADDENDUM #4
- 11		28.81	RAMP 1	46.0' RT	TREE	EA	1	ADDENDUM #4
11	11+3	35.51	RAMP 1	23.8' RT	TREE	EA	1	ADDENDUM #4
11	11+4	10.44	RAMP 1	43.2' RT	TREE	EA	1	ADDENDUM #4
11	11+5	50.37	RAMP 1	33.8' RT	TREE	EA	1	ADDENDUM #4
11	11+4		RAMP 1	49.2' RT	TREE	EA	1	ADDENDUM #4
11		0.50	RAMP 1	71,6' RT	TREE	EA	1	ADDENDUM #4
		3.33	RAMP 1	75.5' RT	TREE	EA	1	ADDENDUM #4
7 11	+	8.12	RAMP 1	80.0' RT	TREE	LF	466	ADDENDUM #4
7 , 8	128+47.76	132+97.95 72+36.79	EXIST NOR EXIST NOR	90.7' LT TO 107.3' LT	FENCE FENCE	LF	466 553	EXIST NOR STATIONING TO DHP STATIONING
8 , 10	133+15.36 116+16.44	127+30.79	1-70	107' LT TO 91' (NOR) LT TO 20.0' LT (DHP)	PAVEMENT	SY	1,365	SHOULDER ADDENDUM #3
5 - 7	116+16.44	126+54.75	I-70	44' LT	SAWCUT	LF	1,125	OHOOLDER ADDERDUM "S
6	123+		1-70	57.6' LT	SIGN	EA	1	**RELOCATE**
8	131+		EXIST NOR	80.1' LT	PULL BOX	EA	1	TELEPHONE
8	131+		EXIST NOR	85.6' LT	TELE POLE	EA	1	**RELOCATE BY OTHERS**
8	134+		EXIST NOR	87.2' LT	TELE POLE	EA	1	**RELOCATE BY OTHERS**
11	140+		EXIST NOR	88.8' LT	TELE POLE	EA	1	**RELOCATE BY OTHERS**
11	143+		EXIST NOR	89.8' LT	TELE POLE	EA	1	**RELOCATE BY OTHERS**
11	147+	01.30	EXIST NOR	87.2' LT	TELE POLE	EA	1	**RELOCATE BY OTHERS**
8	132+	89.52	EXIST NOR	21.8' LT	MAILBOX	EA	1	**RELOCATE**
-8	132+69.81	133+38.52	EXIST NOR	10.9' LT TO 158.7' LT	PAVEMENT	SY	301	DRIVEWAY ADDENDUM #3
6 - 13	121+62.97	154+76.70	EXIST NOR	10.5' RT TO 11.5' LT	PAVEMENT	SY	7,631	EXIST NOR PAVEMENT ADDENDUM #3
8	132+92.75	133+21.25	EXIST NOR	64.5' LT TO 63.6' LT	12" RCP	LF	29	DRIVEWAY
8	132+93.14	133+22.17	EXIST NOR	30.9' LT TO 30.9' LT	24" RCP	LF	29	DRIVEWAY
8	134+	23.42	I-70	119.2' LT	PULL BOX	EA	1	ITS
8	134+21.06	134+25.16	EXIST NOR	17.7' LT TO 21.4' LT	CONCRETE	SY	1	
8	134+	23.66	I-70	68.3' LT	PULL BOX	EA	1	ITS
8	134+		I-70	68.2' LT	PULL BOX	EA	1	ITS
8	134+21.31	134+29.32	EXIST NOR	29.6' RT TO 33.4' RT	CONCRETE	SY	1	
8	134+		I-70	79.8' LT	ITS POLE	EA	1	
8	134+		EXIST NOR	87.4' LT	TELE PED	EA	1	TELEPHONE PEDESTAL
8 , 10	133+21.26	136+84.27	EXIST NOR	13.4' RT	GUARDRAIL	LF	363	
9	134+2		I-70	82' RT	ITS POLE	EA	1	DIONAL CONTROLLER
9	134+		I-70 I-70	84' RT	CONTROLLER	EA	1	SIGNAL CONTROLLER
8	134+: 134+:		I-70	92.8' RT 109.8' RT	PULL BOX PULL BOX	EA EA	1	ITS TELEPHONE
11	142+01.86		EXIST NOR	40.4' LT TO 40.2' LT	CONCRETE	SY	3	BOTTOM OF BOX CULVERT
11	142+01.80		EXIST NOR	35.5' LT TO 40.5' LT	WINGWALL	EA	1	SIDE OF BOX CULVERT
11	142+		EXIST NOR	35.6' LT TO 40.5' LT	WINGWALL	EA	1	SIDE OF BOX CULVERT
11	142+01.20	142+07.31	EXIST NOR	34.2' LT TO 34.4' LT	HEADWALL	EA	1	HEADWALL OF BOX CULVERT
21	65+47.75	66+36.00	DHP	3.1' RT TO 25.4' LT	FENCE	LF	93	
- 21	65+9	0.61	DHP	11.8' LT	TREE	EA	1	ADDENDUM #4
22		30.42	DHP	20.9' LT	TREE	EA	1	
11 , 12	143+14.96	146+78.10	EXIST NOR	13.3' RT	GUARDRAIL	LF	363	
10	137+39.74	137+44.22	EXIST NOR	69.6' LT TO 73.2' LT	CONCRETE	SY	1	PULLBOX CONCRETE
10	137+40.15	137+43.82	EXIST NOR	75.6' LT TO 77.8' LT	CONCRETE	SY	1	ELECTRIC METER CONCRETE PAD
10	137+40.68	137+40.68	EXIST NOR	78.0' LT TO 80.7' LT	CONCRETE	SY	1	ELECTRIC METER CONCRETE BASE
10	137+4		EXIST NOR	71.5' LT	PULL BOX	EA	1	ITS
10	137+		EXIST NOR	79.2' LT	ELEC METER	EA	1	ELECTRIC METER
10	137+		EXIST NOR	78.7' LT	PULL BOX	EA	1	TELEPHONE
10 , 11	135+43.41		I-70	50' LT TO 55.3' LT	PAVEMENT	SY	107	SHOULDER ADDENDUM #3
10 , 11	135.43.41	138+54.64	I-70	50' LT	SAWCUT	LF	322	
10	136+5		EXIST NOR		POLE W/ MAST ARM	EA	1	PREPASS POLE WITH MAST ARM (BY OTHERS)
10	136+4		EXIST NOR	22.7' RT	CONTROLLER	EA	3	PREPASS CONTROLLER (BY OTHERS)
10 10	136+39.17	136+44.49	EXIST NOR EXIST NOR	17.5' RT TO 23.0' RT	CONCRETE BASE	SY EA	1	PREPASS CONTROLLER CONCRETE PAD (BY OTHERS)
10	136+5 136+7		I-70	19.7' RT 77.3' LT	PULL BOX	EA	1	DDEDAGG (DV OTHERS)
10	136+		I-70	77.9' LT	PULL BOX	EA	1	PREPASS (BY OTHERS) PREPASS (BY OTHERS)
10	136+68.96		EXIST NOR	23.6' RT TO 20.7' RT	CONCRETE	SY	1	PREPASS (BY OTHERS) PREPASS PULLBOX CONCRETE (BY OTHERS)
10	138+		I-70	76.9' LT	PULL BOX	EA	1	PREPASS (BY OTHERS)
10	138+2		I-70	78.2' LT	PULL BOX	EA	1	PREPASS (BY OTHERS)
10	138+14.22		EXIST NOR	21.0' RT TO 23.4' RT	CONCRETE	SY	2	PREPASS PULLBOX CONCRETE (BY OTHERS)
11	140+		I-70	77.8' LT	PULL BOX	EA	1	PREPASS (BY OTHERS)
11	140+2		I-70	78.2' LT	PULL BOX	EA	1	PREPASS (BY OTHERS)
CONTINUED ON				1			•	(2

CONTINUED ON NEXT SHEET

BRIAN STEPHEN EADS STEPHEN EADS PE-2002016846

DATE PREPARED 8/31/2018 STATE MO I -70 CT SHEET NO. DISTRICT S·L

ST. CHARLES JOB NO. WNTZ-2018-002 CONTRACT ID. PROJECT NO.

BRIDGE NO.

Wentzville | Missouri

MOBILIZATION

1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING

1 LUMP SUM

MODOT - WATER POLLUTION CONTROL MANAGER

20 WEEKS

CITY OF WENTZVILLE - WATER POLLUTION CONTROL MANAGER

28 WEEKS

SAWCUTS FOR PAVEMENT REMOVAL

INCIDENTAL TO REMOVAL OF IMPROVEMENTS

MODOT - ADDITIONAL MOBILIZATION FOR SEEDING

2 EACH

CITY OF WENTZVILLE - ADDITIONAL MOBILIZATION FOR SEEDING

2 EACH

MODOT - GROUND IMPROVEMENT

1 LUMP SUM

QUANTITY SHEETS SHEET 5 OF 20

				REMOVAL	OF IMPROVEME	NTS					
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	DESCRIPTION	UNIT	QUANTITIY	REMARKS			
26	107+19.29	107+19.89	NOR	3.3' RT TO 18.1' LT	SAWCUT	LF	21	CULVERT REPLACEMENT			
26	107+19.29	107+25.89	NOR	3.3' RT TO 18.1' LT	PAVEMENT	SY	14	CULVERT REPLACEMENT	4		
26	107+22.14	107+23.04	NOR	8.9' RT TO 23.4' LT	30" CMP	LF	32	CULVERT REPLACEMENT	4		
26	107+25.29	107+25.89	NOR	3.4' RT TO 18.1' LT	SAWCUT	LF	21	CULVERT REPLACEMENT	4		
25 , 26	103+90.00	112+17.59	NOR	17.5' RT TO 55.7' RT	FENCE	LF	865		4		
26	111+57.05	111+75.00	NOR	23.6' LT TO 7.5' RT	SAWCUT	LF	45	NOR WEST TIE-IN	4	CHEET	- s
26	110+21.04	111+02.47	NOR	14.7' LT TO 38.5' LT	PAVEMENT	SY	75	WEST HALF OF LIMERICK ENTRANCE	4	SHEET	3
26		92.97	NOR	6.5' RT TO 14.8' LT	SAWCUT	LF	21	WATERLINE ROAD CUT	4		
26		98.97	NOR LIMERICK	6.5' RT TO 14.7' LT 19.8' LT TO 23.5' LT	SAWCUT	LF LF	21	WATERLINE ROAD CUT SIDEWALK	4	21	
26		56.28			SAWCUT SIDEWALK	SY	11	SIDEWALK	-	21	
26	10+33.83	10+56.28	LIMERICK	21.5' LT TO 23.5' LT	SIDEWALK	SY	12		\dashv	21	
26	10+35.21	10+61.52 61.52	LIMERICK	15.9' RT TO 24.2' RT 20.1' RT TO 24.2' RT	SAWCUT	LF	4	SIDEWALK	-	10	
	104+35.00	111+75.00	NOR	1.8' RT TO 7.5' RT	SAWCUT	LF	741	NOR WEST TIE-IN	+	10	-
25 , 26		16.06	NOR	2.9' LT TO 15.7' RT	SAWCUT	LF	19	NOR EAST TIE-IN	+	10	-
13	139+16.06	140+00.00	NOR	15.7' RT TO 16.6' RT	SAWCUT	LF	85	NOR EAST TIE-IN	-	10	_
13	139+16.06	140+00.00	NOR	2.9' LT TO 4.1' LT	SAWCUT	LF	85	NOR EAST TIE-IN	-	10	_
13		68.16	NOR	3.3' LT	TELE PED	EA	1	NON EXOT TIE-III	-	10	-
13		70.96	NOR	1.5' RT	TELE PULL BOX	EA	1		-		
13		70.63	NOR	4' LT	TELE POLE	EA	1	**RELOCATE BY OTHERS**	-		
13		37,44	NOR	88.9' LT	TELE POLE	EA	1	**RELOCATE BY OTHERS**	1		
26		-20.05	NOR	69.6' RT	TREE	EA	1	TREE CAN ONLY BE REMOVED BETWEEN NOVEMBER 1ST AND MARCH 31ST			
22	75+0	35.99	DHP	12.9' RT	TREE	EA	1		ADI	DENDUM #	#4
22	75+	34.38	DHP	11.7' RT	TREE	EA	1		ADI	DENDUM #	#4
22	75+2	20.90	DHP	24.8' RT	TREE	EA	1		ADI	DENDUM #	#4
22	75+	14.52	DHP	14.9' RT	TREE	EA	1		ADI	DENDUM ≠	#4
22	75+	15.43	DHP	38.7' RT	TREE	EA	1		ADI	DENDUM ≠	#4
	75+(00.32	DHP	35.7' RT	TREE	EA	1		ADI	DENDUM #	#4
22	74+0	64.40	DHP	24.7' RT	TREE	EA	1		ADI	DENDUM #	#4
22	74+	59.07	DHP	42.5' RT	TREE	EA	1 1		_ ADI	DENDUM #	#4
22	74+5	53.97	DHP	26,2' RT	TREE	EA	1		_ ADI	DENDUM #	#4
22	74+4	42.83	DHP	28.3' RT	TREE	EA	1		-	DENDUM #	
22		35.60	DHP	68.9' RT	TREE	EA	1		-	DENDUM #	
22		29.25	DHP	57.0' RT	TREE	EA	1		-	DENDUM #	
		82.46	DHP	68.6' RT	TREE	EA	1 1		_	DENDUM #	
		64.41	DHP	76.8' RT	TREE	EA	1		_	DENDUM #	
21		47.20	DHP	4.3' RT	TREE	EA	1		-	DENDUM #	
- 21		73.47	DHP	21.4' RT	TREE	EA	1		_	DENDUM #	
21		54.42	DHP	28.8' RT	TREE	 EA	1		-	DENDUM #	
21		04.33	DHP	41.4' RT	TREE	EA	1		-	DENDUM #	
		13.70	DHP	60.6' RT	TREE	EA	1		-	DENDUM ≠ DENDUM ≠	
		39.49	DHP	70.5' RT		EA	1				
		19.86	DHP	72.2' RT 74.6' RT	TREE	EA EA	1		-	DENDUM ≠	
20		07.07		74.6' RT	TREE	EA	1			DENDUM # DENDUM #	
- 20		56.12	DI IP	78.3' RT	TREE	EA	1			DENDUM #	
		14.43	DHP	78.3' RT	TREE	EA	1		-	DENDUM #	
				78.8' RT	TREE	EA	1		-		
		9 9.70 91.83	DI IP	77.2' RT	TREE	EA	1			DENDUM # DENDUM #	
			DHP		TREE	EA	1		ADI	יי אטטאויי	~4
20		63.20 40.84	DHP	78.2' RT 75.4' RT	TREE	EA	1		-		
20		38.67	DHP	76.1' RT	TREE	EA	1		+		
20		29.63	DHP	76.1 RT 73.9' RT	TREE	EA	1		+		
20		29.03 12.11	DHP	73.9 KT 74.1' RT	TREE	EA	1		\exists		
20 - 21	59+00.00		DHP	74.1 RT TO 3.1' RT	FENCE	LF	637		+		
125		67.00	EXIST NOR	18.6' LT	SIGN	EA	1	EXIST. SPEED LIMIT SIGN	+		
130		5.45	BROOKFIELD	16.5' LT	SIGN	EA	1	EXIST. BROOKFIELD STOP SIGN	1		
131		70.00	GOODFELLOW	34.4' RT	SIGN	EA	1	EXIST GOODFELLOW CT. STOP SIGN	1		
129		46.00	LIMERICK	18.6' LT	SIGN	EA	1	EXIST. SPEED LIMIT SIGN	1		
120	1012			1010 11	TOTALC	10			_		

TOTALS

NOTE: ANY ITEMS THAT INCLUDE A FOOTING OR FOUNDATION SHALL BE REMOVED AS A PART OF THAT ITEM AND BE INCIDENTAL TO THAT ITEM.

LS

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THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL
SEAL APPEAR HEREDM ASSUMES RESPONSIBILITY
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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.

	MODOT - SETTLEMENT GAUGE AND PORE PRESSURE										
SHEET	HEET STATION BASEL		1		PORE PRESSURE MEASURING DEVICE	REMARKS					
				(EA)	(EA)						
21	65+50	DHP	18' LT	1		LEFT EDGE OF SHOULDER					
21	65+50	DHP	21' RT		1						
21	65+50	DHP	60' RT	1		RIGHT EDGE OF SHOULDER					
10	69+89	DHP	15' LT	1		LEFT EDGE OF SHOULDER					
10	69+89	DHP	13' RT		1						
10	69+89	DHP	42' RT	1		RIGHT EDGE OF SHOULDER					
10	70+45	DHP	15' LT	1		LEFT EDGE OF SHOULDER					
10	70+45	DHP	13' RT		1						
10	70+45	DHP	42' RT	1		RIGHT EDGE OF SHOULDER					
			TOTALS	6	3						

	DELINEATORS										
SHEET	ROADWAY	FROM STATION	TO STATION	LOCATION	7 FT. CHANNEL POST DELINEATOR, WHITE (EA)	REMARKS					
130	GOODFELLOW	33+45	35+14	2' FROM SHOULDER	13	20' TYPICAL SPACING					
				TOTAL	13						

BRIAN STEPHEN EADS NUMBER PE-2002016646 DATE PREPARED 8/30/2018 ROUTE STATE I -70 MO SHEET NO. DISTRICT ST. CHARLES JOB NO. WNTZ-2018-002 CONTRACT ID. PROJECT NO. BRIDGE NO.

Wentzville | Missouri

MCMT

QUANTITY SHEETS

City of Wentzville Job No.: WNTZ-2018-272

MoDOT Job No.: J6I3201

Route: David Hoekel Parkway Phases 2A, 2B & 2C

City: Wentzville, Missouri

TT. Fiber Rolls

UU. Stop Signs and Street Name Signs

VV. Tenon Poles

WW. Tenon Mounted Luminaires

XX. Dual Meter, Combination Pad Mounted Power Supply & Lighting Control Station, 120/240V

YY. Water Main Construction

ZZ. Pavement Jointing Plan

AAA. Asphalt and Concrete Removal and Replacement for Conduit and Pull Box Installation

BBB. Coordination With ITS Staff and Utility Locates

CCC. ITS Conduit

DDD. ITS Pull Boxes

EEE. ITS Fiber Optic Cable

FFF. ITS Cabinets

GGG. Install Radar Detector Assembly

HHH. ITS Asset Management Tool

III. MoDOT ITS In-Ground Facility Relocation

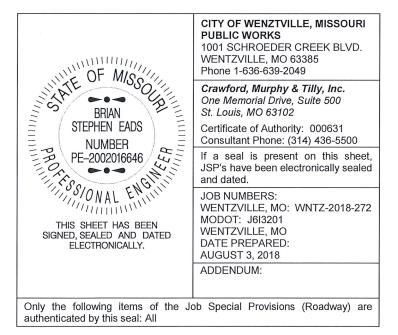
JJJ. ITS Pad Mounted Power Supply

KKK. Buried Cable Driveable Delineator Post

L. Guidelines for Obtaining Environmental Clearance for Project Specific Locations

MMM, Contractor Quality Control NJSP-15-42

Addendum #4



City of Wentzville Job No.: WNTZ-2018-272

MoDOT Job No.: J6I3201

Route: David Hoekel Parkway Phases 2A, 2B & 2C

City: Wentzville, Missouri

MMM. CONTRACTOR QUALITY CONTROL NJSP-15-42

Addendum #4

1.0 The contractor shall perform Quality Control (QC) testing in accordance with the specifications and as specified herein. The contractor shall submit a Quality Control Plan (QC Plan) to the engineer for approval that includes all items listed in Section 2.0, prior to beginning work.

2.0 Quality Control Plan.

- (a) The name and contact information of the person in responsible charge of the QC testing.
- (b) A list of the QC technicians who will perform testing on the project, including the fields in which they are certified to perform testing.
- (c) A proposed independent third party testing firm for dispute resolution, including all contact information.
- (d) A list of Hold Points, when specified by the engineer.
- (e) The MoDOT Standard Inspection and Testing Plan (ITP). This shall be the version that is posted at the time of bid on the MoDOT website (www.modot.org/quality).
- **3.0 Quality Control Testing and Reporting.** Testing shall be performed per the test method and frequency specified in the ITP. All personnel who perform sampling or testing shall be certified in the MoDOT Technician Certification Program for each test that they perform.
- **3.1 Reporting of Test Results.** All QC test reports shall be submitted as soon as practical, but no later than the day following the test. Test data shall be immediately provided to the engineer upon request at any time, including prior to the submission of the test report. No payment will be made for the work performed until acceptable QC test results have been received by the engineer and confirmed by QA test results.
- **3.1.1** Test results shall be reported on electronic forms provided by MoDOT. Forms and Contractor Reporting Excel2Oracle Reports (CRE2O) can be found on the MoDOT website. All required forms, reports and material certifications shall be uploaded to a Microsoft SharePoint® site provided by MoDOT, and organized in the file structure established by MoDOT.
- **3.2 Non-Conformance Reporting.** A Non-Conformance Report (NCR) shall be submitted by the contractor when the contractor proposes to incorporate material into the work that does not meet the testing requirements or for any work that does not comply with the contract terms or specifications.
- **3.2.1** Non-Conformance Reporting shall be submitted electronically on the Non-Conformance Report form provided on the MoDOT Website. The NCR shall be uploaded to the MoDOT SharePoint® site and an email notification sent to the engineer.
- **3.2.2** The contractor shall propose a resolution to the non-conforming material or work. Acceptance of a resolution by the engineer is required before closure of the non-conformance report.
- 4.0 Work Planning and Scheduling.

City of Wentzville Job No.: WNTZ-2018-272

MoDOT Job No.: J6I3201

Route: David Hoekel Parkway Phases 2A, 2B & 2C

City: Wentzville, Missouri

Addendum #4

4.1 Two-week Schedule. Each week, the contractor shall submit to the engineer a schedule that outlines the planned project activities for the following two-week period. The two-week schedule shall detail all work and traffic control events planned for that period and any Hold Points specified by the engineer.

- **4.2 Weekly Meeting.** When work is active, the contractor shall hold a weekly project meeting with the engineer to review the planned activities for the following week and to resolve any outstanding issues. Attendees shall include the engineer, the contractor superintendent or project manager and any foreman leading major activities. This meeting may be waived when, in the opinion of the engineer, a meeting is not necessary. Attendees may join the meeting in person, by phone or video conference.
- **4.3 Pre-Activity Meeting.** A pre-activity meeting is required in advance of the start of each new activity, except when waived by the engineer. The purpose of this meeting is to review construction details of the new activity. At a minimum, the discussion topics shall include: safety precautions, QC testing, traffic impacts, and any required Hold Points. Attendees shall include the engineer, the contractor superintendent and the foreman who will be leading the new activity. Pre-activity meetings may be held in conjunction with the weekly project meeting.
- **4.4 Hold Points.** Hold Points are events that require approval by the engineer prior to continuation of work. Hold Points occur at definable stages of work when, in the opinion of the engineer, a review of the preceding work is necessary before continuation to the next stage.
- **4.4.1** A list of typical Hold Point events is available on the MoDOT website. Use of the Hold Point process will only be required for the project-specific list of Hold Points, if any, that the engineer submits to the contractor in advance of the work. The engineer may make changes to the Hold Point list at any time.
- **4.4.2** Prior to all Hold Point inspections, the contractor shall verify the work has been completed in accordance with the contract and specifications. If the engineer identifies any corrective actions needed during a Hold Point inspection, the corrections shall be completed prior to continuing work. The engineer may require a new Hold Point to be scheduled if the corrections require a follow-up inspection. Re-scheduling of Hold Points require a minimum 24-hour advance notification from the contractor unless otherwise allowed by the engineer.
- **5.0 Quality Assurance Testing and Inspection.** MoDOT will perform quality assurance testing and inspection of the work, except as specified herein. The contractor shall utilize the inspection checklists provided in the ITP as a guide to minimize findings by MoDOT inspection staff. Submittal of completed checklists is not required, except as specified in 5.1.
- **5.1** Inspection and testing required in the production of concrete for the project shall be the responsibility of the contractor. Submittal of the 501 Concrete Plant Checklist is required.
- **6.0** Basis of Payment. No direct payment will be made for compliance with this provision.