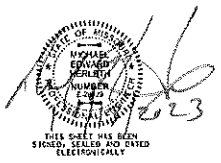
ADDENDUM #I



Addendum #: 01 **Addendum Date:** October 13, 2023
Project: STP-5909(802) **Owner:** Greene County Highway Department
Kansas Expressway Extension Phase 2

Greene County Bid Number: 23-10996 **Greene County Project Bid Number:** 10034

Attachments: PLAN SHEETS (7 Pages), BID FORM (2 Page), JOB SPECIAL PROVISIONS (7 Pages)

ADDENDUM: ADDENDUM ONE

The following items shall be incorporated into the Contract Documents as either clarifications, substitutions, or revisions to the work described. Revisions are noted by the inclusion of a Rev 1 triangle

REVISIONS TO THE BID DOCUMENTS

1. **Plan Sheets.** Plan sheets C005, C006, C008, C009, C012, C013, and C014 have been revised.
2. **Bid Form.** The Bid Form has been revised and should replace the Bid Form included in the current Bid Documents.
3. **Job Special Provisions**
    a. FFF – "Measurement and Payment" has been revised.
    b. MMM – "Contractor Surveying and Staking" has been added.

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM 1 – TO BE INCLUDED IN BID

Seal

_____
Company Name

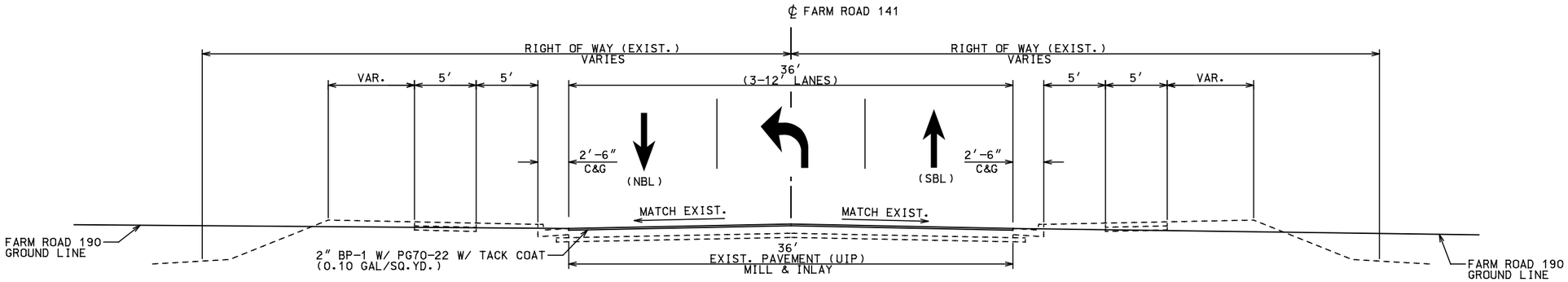
_____
Signature

_____
Printed Name

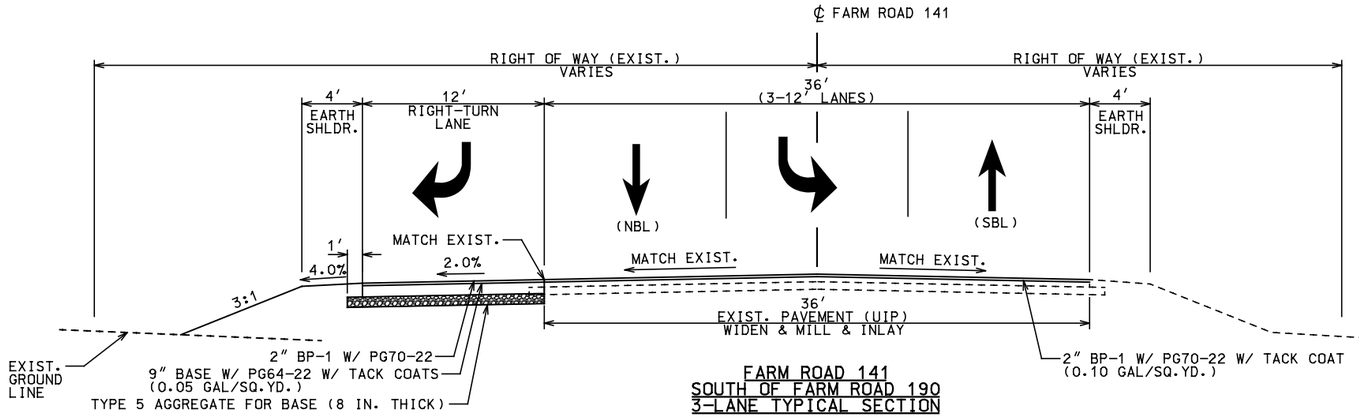
_____
Title

_____
Address

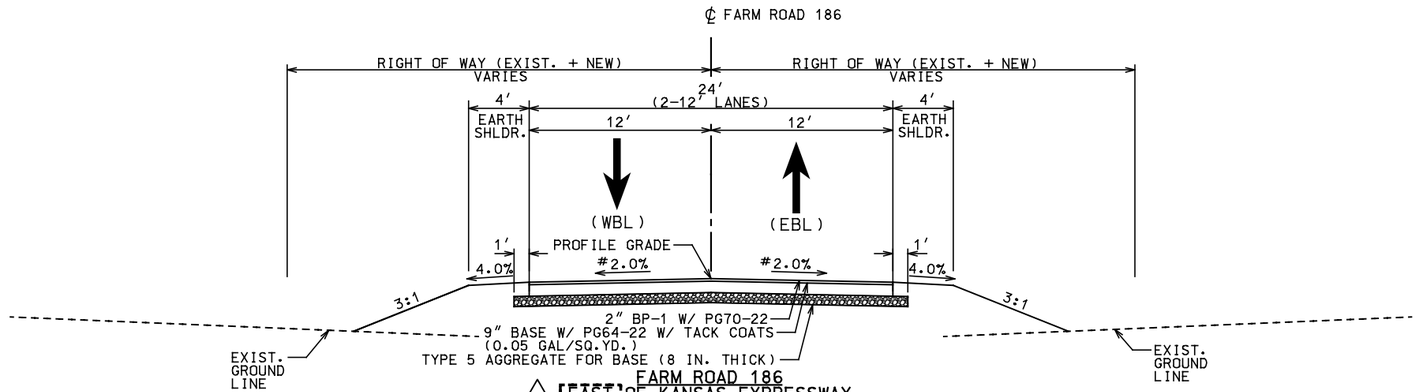
_____
City/State/Zip Code



FARM ROAD 141
FARM ROAD 190 INTERSECTION
3-LANE TYPICAL SECTION
STA. 24+00.00 TO STA. 26+02.50



FARM ROAD 141
SOUTH OF FARM ROAD 190
3-LANE TYPICAL SECTION
STA. 26+02.50 TO STA. 29+40.86



FARM ROAD 186
[EAST] OF KANSAS EXPRESSWAY
2-LANE TYPICAL SECTION
STA. 13+56.85 TO STA. 17+15.00

#WILL VARY TO MATCH PROFILE GRADE OF KANSAS EXPRESSWAY THROUGH THE INTERSECTION. WILL VARY TO MATCH EXISTING AT BEGINNING AND ENDING OF FARM ROAD 186 CONSTRUCTION.

no.	date	by	ckd	description
1				

NOTES:

REFER TO CROSS SECTIONS FOR DEVIATIONS FROM THE NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.

BURNS McDONNELL

date: 10/11/2023	detailed: T. MONCRIEF
designed: T. MONCRIEF	checked: R. CASTOR

STATE OF MISSOURI
MICHAEL EDWARD HERLETH
NUMBER E-26929
PROFESSIONAL ENGINEER

KANSAS EXPRESSWAY EXTENSION
TYPICAL SECTIONS
FARM ROAD 141 (COX ROAD) &
FARM ROAD 186 (STEINERT ROAD)

project	contract
87740	

drawing **C005** rev. —

sheet of sheets

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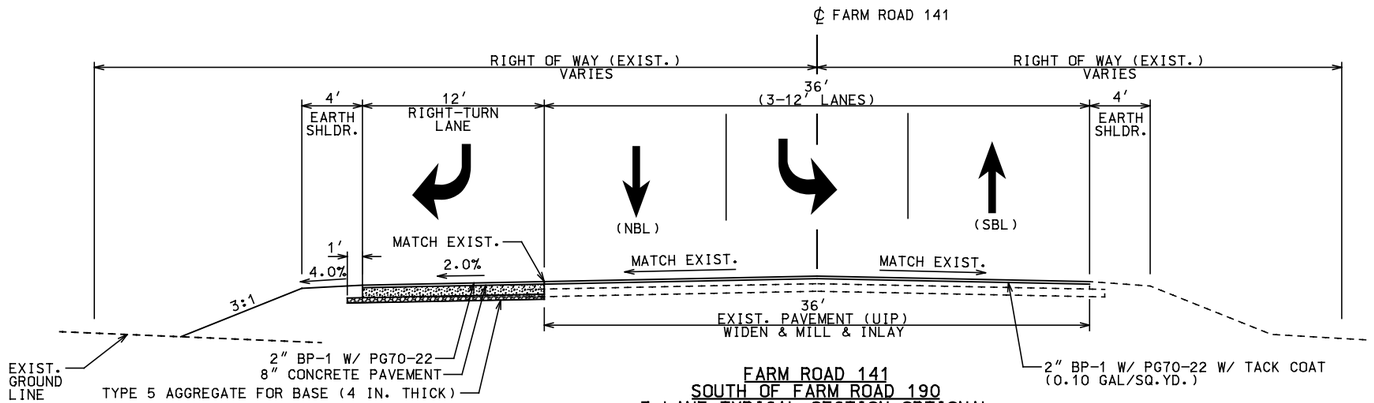
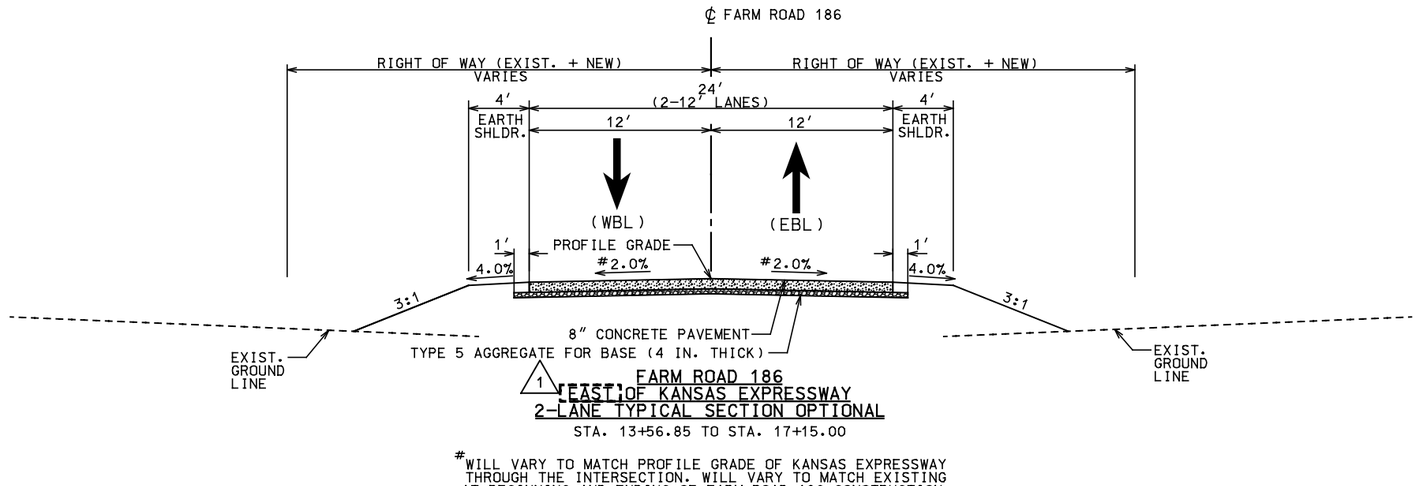
Millimeters
Inches
Scale For Microfilming



FARM ROAD 141
SOUTH OF FARM ROAD 190
3-LANE TYPICAL SECTION OPTIONAL
STA. 26+02.50 TO STA. 29+40.86



FARM ROAD 186
EAST OF KANSAS EXPRESSWAY
2-LANE TYPICAL SECTION OPTIONAL
STA. 13+56.85 TO STA. 17+15.00

#WILL VARY TO MATCH PROFILE GRADE OF KANSAS EXPRESSWAY THROUGH THE INTERSECTION. WILL VARY TO MATCH EXISTING AT BEGINNING AND ENDING OF FARM ROAD 186 CONSTRUCTION.

no.	date	by	ckd	description

NOTES:

REFER TO CROSS SECTIONS FOR DEVIATIONS FROM THE NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.

BURNS McDONNELL

date	detailed
10/11/2023	T. MONCRIEF
designed	checked
T. MONCRIEF	R. CASTOR

STATE OF MISSOURI
MICHAEL EDWARD HERLETH
NUMBER E-26929
PROFESSIONAL ENGINEER

KANSAS EXPRESSWAY EXTENSION
TYPICAL SECTIONS OPTIONAL
FARM ROAD 141 (COX ROAD)
FARM ROAD 186 (STEINERT ROAD)

project	contract
87740	

drawing	rev.
C006	—

sheet of sheets

file ...\PHASE 2 - 87740-TYP-08A.dgn

Millimeters
Inches
Scale For Microfilming

MOBILIZATION	
LOCATION	QUANTITY
	L.S.
ENTIRE PROJECT	1
PAY TOTAL:	1

ADDITIONAL MOBILIZATION FOR SEEDING AND MULCHING	
LOCATION	QUANTITY
	EA.
ENTIRE PROJECT	10
PAY TOTAL:	10

CONTRACTOR FURNISHED SURVEYING & STAKING	
LOCATION	QUANTITY
	L.S.
ENTIRE PROJECT	1
PAY TOTAL:	1

CLEARING & GRUBBING		
LOCATION	CLEARING & GRUBBING	REMARKS
	ACRE	
ENTIRE PROJECT	29	
PAY TOTAL:	29	

REMOVAL AND DISPOSAL OF ITEMS										
SHEET(S)	STATION	STATION	LOCATION	CONC. WALKS	ASPHALT ROADWAY	CURB & GUTTER	FENCE	SIGNS	MISCELANEOUS CONSTRUCTION DEBRIS	REMARKS
				SQ. YD.		LIN. FT.		EA.	LUMP SUM	
CO22	20+50	23+58	R/O FARM ROAD 190	129						
CO24	23+80	24+70	L/O FARM ROAD 141	43						
CO24	24+00	24+70	R/O FARM ROAD 141	33						
CO24	24+29	25+67	L/O FARM ROAD 141			154				
CO23	24+39	24+72	R/O FARM ROAD 141			48				
CO20	138+37		L/O KANSAS EXPRESSWAY					1		
CO22	20+50		R/O FARM ROAD 190					1		
CO22	23+00		L/O FARM ROAD 190					1		
CO22	23+41		R/O FARM ROAD 190					1		
CO22	24+10		R/O FARM ROAD 190					1		
CO23	29+31		R/O FARM ROAD 190					1		
CO25	16+37		L/O FARM ROAD 186					1		
CO18	117+70	119+06	L/O & R/O KANSAS EXPRESSWAY				185			
CO19	122+04	125+70	L/O & R/O KANSAS EXPRESSWAY				353			
CO19	128+42		R/O KANSAS EXPRESSWAY				42			
CO20-C021	132+29	146+73	L/O & R/O KANSAS EXPRESSWAY				2321			
CO25	14+65	16+67	R/O FARM ROAD 186				203			
CO22-CO23	24+68	30+25	L/O & R/O FARM ROAD 190				739			
CO23	32+54	36+93	L/O FARM ROAD 190				501			
CO20-C021	137+14	146+54	L/O KANSAS EXPRESSWAY		1973					
CO17-CO25	VAR.	VAR.	ENTIRE PROJECT						1	CONTRACTOR SHALL FIELD VARIFY
			PAY TOTALS:	205	1973	202	4344	7	1	

SEEDING					
SHEET(S)	STATION	STATION	LOCATION	COOL SEASON MIXTURE	REMARKS
				ACRE	
CO17-CO21	102+75.00	146+37.01	KANSAS EXPRESSWAY	18.7	
CO22-CO23	20+42.75	36+23.00	FARM ROAD 190	3.1	
CO24	24+18.69	29+40.86	FARM ROAD 141	0.1	
CO25	13+56.85	17+15.00	FARM ROAD 186	0.4	
			PAY TOTAL:	22.3	

FENCING				
SHEET(S)	STATION	STATION	LOCATION	5 STRAND BARBED WIRE
				LIN. FT.
CO20-CO21	132+68	145+24	R/O KANSAS EXPRESSWAY	1279
CO20-CO21	133+50	137+40	L/O KANSAS EXPRESSWAY	436
CO22-CO23	24+28	33+93	L/O FARM ROAD 190	975
CO22-CO23	24+41	38+80	R/O FARM ROAD 190	1248
C025	14+56	16+67	R/O FARM ROAD 186	225
			PAY TOTAL:	4163

EARTHWORK SUMMARY										
SHEET(S)	STATION	STATION	LOCATION	CUT	FILL	CLASS A EXCAVATION	* CLASS C EXCAVATION	COMPACTED EMBANKMENT	EMBANKMENT IN PLACE	REMARKS
				CU. YD.						
CO17-CO21	102+75.00	146+37.01	KANSAS EXPRESSWAY	346056	38033	153051	193005	38033		
CO22-CO23	20+00.00	36+23.00	FARM ROAD 190	14225	18467	10701	3524	18467		
CO24	25+00.00	29+40.86	FARM RD. 141	173	1075	173		1075		
CO25	13+56.85	17+15.00	FARM ROAD 186	103	4342	103		4342		
CO23	0+68.00	2+45.25	FARM ROAD 143 TEMP. CONN.	1595	30	1595		30		
VAR.	VAR.	VAR.	VAR.			8281	9826	3097		ROUNDING & MISCELLANEOUS GRADING
					PAY TOTALS:	173904	206355	65044		

* CLASS C EXCAVATION MAY BE USED FOR ROCK LINING

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AN APPROVED SITE FOR EXCESS MATERIAL

1

COMPACTING IN CUT				
SHEET(S)	STATION	STATION	LOCATION	QUANTITY
				STA.
CO17	103+30.00	103+90.00	(NB) KANSAS EXPRESSWAY	0.6
CO18	114+20.00	115+35.00	(NB) KANSAS EXPRESSWAY	1.2
CO19 - CO20	121+00.00	131+85.00	(NB) KANSAS EXPRESSWAY	10.9
CO20	136+20.00	139+00.00	(NB) KANSAS EXPRESSWAY	2.8
CO22	20+42.75	23+68.19	FARM ROAD 190	3.3
CO22	24+04.12	24+25.00	FARM ROAD 190	0.2
CO23	29+50.00	32+80.00	(WB) FARM ROAD 190	3.3
CO24	26+02.50	29+40.86	FARM ROAD 141	3.4
CO25	16+00.00	17+15.00	FARM ROAD 186	1.2
			PAY TOTAL:	26.9

CONCRETE MEDIANS						
SHEET(S)	STATION	STATION	LOCATION	4" CONCRETE MEDIAN	6" CONCRETE MEDIAN STRIP	REMARKS
				SQ. YD.	SQ. YD.	
CO23	24+05	24+54	R/O FARM ROAD 190		117.9	
CO23	24+49	27+47	R/O FARM ROAD 190	231.2		
			PAY TOTALS:	231.2	117.9	

CONSTRUCTION PAVEMENT MARKINGS AND REMOVALS					
SHEET(S)	LOCATION	TEMPORARY REMOVABLE MARKING TAPE		PAVEMENT MARKING REMOVAL	
		4 IN. WHITE	4 IN. YELLOW	STRIPE	SYMBLOLS
		LIN.FT.		LIN.FT.	EA.
CO29	FARM ROAD 141	1041	2025	5189	2
CO29	FARM ROAD 190	875			
	PAY TOTALS:	1916	2025	5189	2

CONCRETE SIDEWALK							
SHEET(S)	STATION	STATION	LOCATION	WIDTH	LENGTH	CONCRETE WALKS	4" TYPE 5 AGGREGATE
				LIN. FT.	LIN. FT.	SQ.YD.	SQ.YD.
CO17-CO20	102+75	132+16	L/O KANSAS EXPRESSWAY	10	2941	3267.8	3595
CO20-CO21	132+84	146+19	L/O KANSAS EXPRESSWAY	10	1335	1483.3	1632
CO22	20+29	23+02	R/O FARM ROAD 190	4	273	121.3	152
CO22	23+02	23+45	R/O FARM ROAD 190	VARES	43	23.4	28
CO22-CO23	24+40	35+45	L/O FARM ROAD 190	10	1105	1227.8	1351
CO24	23+75	24+32	L/O FARM ROAD 141	VARES	57	29.0	34
CO24	24+01	24+52	R/O FARM ROAD 141	VARES	51	27.6	33
					PAY TOTALS:	6180.2	6825

CONCRETE COMBINATION CURB AND GUTTER				
SHEET(S)	STATION	STATION	LOCATION	ST-2
				LIN. FT.
CO17-CO20	102+75	132+36	L/O KANSAS EXPRESSWAY	2978
CO17-CO21	102+75	146+37	R/O KANSAS EXPRESSWAY	4520
CO20-CO21	132+64	146+37	L/O KANSAS EXPRESSWAY	1406
CO22	23+35	23+65	L/O FARM ROAD 190	56
CO22	23+37	23+67	R/O FARM ROAD 190	47
CO22-CO23	24+09	35+34	L/O FARM ROAD 190	1134
CO22-CO23	24+15	36+23	R/O FARM ROAD 190	1254
CO22-CO23	24+47	32+84	MEDIAN FARM ROAD 190	1681
			PAY TOTAL:	13076

R/O or L/O INDICATES RIGHT or LEFT OF STRIPED CL

CONCRETE CURB RAMP					
SHEET(S)	STATION	LOCATION	SMALL RADIUS PERPENDICULAR	BLENDED TRANSITION	TRUNCATED DOMES
			SQ.YD.		SQ.FT.
CO20	132+20	L/O KANSAS EXPRESSWAY	13		20
CO20	132+80	L/O KANSAS EXPRESSWAY	13		20
CO21	146+25	L/O KANSAS EXPRESSWAY		35	54
CO22	23+53	L/O FARM ROAD 190	5		10
CO22	23+55	R/O FARM ROAD 190		13	30
CO22	24+25	L/O FARM ROAD 190		36	52
CO23	35+51	L/O FARM ROAD 190	13		20
CO24	24+41	R/O FARM ROAD 141	11		20
		PAY TOTALS:	55	84	226

no.	date	by	ckd	description

BURNS McDONNELL

date	detailed
10/11/2023	T. MONCRIEF
designed	checked
T. MONCRIEF	R.CASTOR

STATE OF MISSOURI
MICHAEL EDWARD HERLETH
NUMBER E-26929
PROFESSIONAL ENGINEER

KANSAS EXPRESSWAY EXTENSION

SUMMARY OF QUANTITIES
SHEET 1 OF 9

project	contract
87740	

drawing **C008** rev. —

sheet of sheets

file ...\PHASE 2 - Kansas Expwy. Ext. Qty Sheets.dgn

Millimeters
Scale For Microfilming
Inches

DRIVEWAYS

SHEET(S)	STATION	LOCATION	WIDTH	TACK COAT (GALLONS/ SQ.YD)	TACK COAT GALLONS	2" BP-1 W/ PG 64-22 (1.948 TON / CU. YD.) SQ. YD.	2" BP-1 W/ PG 64-22 (1.948 TON / CU. YD.) TON	4" PMBB W/ PG 64-22 (1.943 TON / CU. YD.) SQ. YD.	4" PMBB W/ PG 64-22 (1.943 TON / CU. YD.) TON
			FEET			SQ. YD.	TON	SQ. YD.	TON
CO23	36+23	FARM ROAD 143 TEMP. CONN.	VAR.	0.05	26.3	525	56.8	525	113.3
CO24	29+15	L/O FARM ROAD 141	VAR.	0.10	5.4	54	5.8		
			PAY TOTALS:		31.7		62.6		113.3

MILL & INLAY

SHEET(S)	STATION	STATION	LOCATION	AVG. WIDTH	TACK COAT (0.10 GAL/SQ.YD)	COLD MILLING BITUMINOUS PAVEMENT (2 IN.)	2" BP-1 W/ PG 70-22 (1.948 TON / CU. YD.)
				FEET	GAL.	SQ. YD.	TONS
CO22	20+42.75	23+34.77	FARM ROAD 190	24.0	77.9	779	84
CO22	23+34.77	23+68.19	FM 190 / FM 141 INTERSECTION (W)	VARIES	18.4	184	20
CO24	24+00.00	29+40.86	FARM ROAD 141	VARIES	201.3	2013	218
				PAY TOTALS:	297.6	2976	322

OPTIONAL PAVEMENT

SHEET(S)	STATION	STATION	LOCATION	TACK COAT (0.05 GAL/SQ.YD)	2" BP-1 W/ PG 70-22 (1.948 TON / CU. YD.)			4" PMBB W/ PG 64-22 (1.943 TON / CU. YD.)			5" PMBB W/ PG 64-22 (1.943 TON / CU. YD.)			8" PCCP		TYPE 5 AGGREGATE			REMARKS
				GAL.	AVG. WIDTH (FT.)	SQ. YD.	TONS	AVG. WIDTH (FT.)	SQ. YD.	TONS	AVG. WIDTH (FT.)	SQ. YD.	TONS	AVG. WIDTH (FT.)	SQ. YD.	AVG. WIDTH (FT.)	DEPTH (IN.)	SQ. YD.	
ASPHALT OPTION (QUANTITIES FOR CONTRACTOR INFORMATION ONLY)																			
CO17	102+75.00	103+70.26	KANSAS EXPRESSWAY	38	36.0	381.0	41.2	36.0	381.0	82.3	36.0	381.0	102.8			43.0	8.0	455	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO17	103+70.26	105+20.26	KANSAS EXPRESSWAY TRANS.	50	30.0	500.0	54.1	30.0	500.0	107.9	30.0	500.0	134.9			37.0	8.0	617	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO17-CO21	105+20.26	146+04.51	KANSAS EXPRESSWAY	1089	24.0	10891.3	1178.7	24.0	10891.3	2351.3	24.0	10891.3	2939.1			31.0	8.0	14068	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO21	146+04.51	146+37.01	K.E. / FM 190 INTERSECTON	14	VARIES	136.9	14.8	VARIES	136.9	29.6	VARIES	136.9	36.9			44.9	8.0	162	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO22	20+42.75	21+67.75	FARM ROAD 190 TRANS.	8	6.0	83.3	9.0	6.0	83.3	18.0	6.0	83.3	22.5			8.0	8.0	111	
CO22	21+67.75	23+34.77	FARM ROAD 190	22	12.0	222.7	24.1	12.0	222.7	48.1	12.0	222.7	60.1			14.0	8.0	260	
CO22	23+34.77	23+68.19	FM 190 / FM 141 INTERSECTON (W)	4	VARIES	43.1	4.7	VARIES	43.1	9.3	VARIES	43.1	11.6			18.6	8.0	69	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO22	24+04.12	24+95.42	FM 190 / FM 141 INTERSECTON (E)	100	VARIES	1002.3	108.5	VARIES	1002.3	216.4	VARIES	1002.3	270.5			105.8	8.0	1073	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO22	24+95.42	26+00.00	FARM ROAD 190	70	60.0	697.2	75.5	60.0	697.2	150.5	60.0	697.2	188.1			74.0	8.0	860	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO22 - CO23	26+00.00	35+10.38	FARM ROAD 190 TRANS.	489	VARIES	4885.7	528.7	VARIES	4885.7	1054.8	VARIES	4885.7	1318.5			62.3	8.0	6302	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO23	35+10.38	36+23.00	FARM ROAD 190	30	24.0	300.3	32.5	24.0	300.3	64.8	24.0	300.3	81.0			31.0	8.0	388	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO24	26+02.50	28+40.86	FARM ROAD 141 WIDENNG	32	12.0	317.8	34.4	12.0	317.8	68.6	12.0	317.8	85.8			13.0	8.0	344	
CO24	28+40.86	29+40.86	FARM ROAD 141 WIDENING TRANS.	7	6.0	66.7	7.2	6.0	66.7	14.4	6.0	66.7	18.0			7.0	8.0	78	
CO25	13+56.85	13+89.38	FM 186 / K.E. INTERSECTON	14	VARIES	137.0	14.8	VARIES	137.0	29.6	VARIES	137.0	37.0			44.9	7.0	162	5-IN ADDITIONAL TYPE 5 AGG. BENEATH CURB & GUTTER
CO25	13+89.38	17+15.00	FARM ROAD 186	87	24.0	868.3	94.0	24.0	868.3	187.5	24.0	868.3	234.3			26.0	8.0	941	
			PAY TOTALS:	2054			2222.2			4433.1			5541.1					25890	
CONCRETE OPTION (QUANTITIES FOR CONTRACTOR INFORMATION ONLY)																			
CO17	102+75.00	103+70.26	KANSAS EXPRESSWAY											36.0	381.0	43.0	4.0	455	
CO17	103+70.26	105+20.26	KANSAS EXPRESSWAY TRANS.											30.0	500.0	37.0	4.0	617	
CO17-CO21	105+20.26	146+04.51	KANSAS EXPRESSWAY											24.0	10891.3	31.0	4.0	14068	
CO21	146+04.51	146+37.01	K.E. / FM 190 INTERSECTON											VARIES	136.9	44.9	4.0	162	
CO22	20+42.75	21+67.75	FARM ROAD 190 TRANS.											6.0	83.3	8.0	4.0	111	
CO22	21+67.75	23+34.77	FARM ROAD 190											12.0	222.7	14.0	4.0	260	
CO22	23+34.77	23+68.19	FM 190 / FM 141 INTERSECTON (W)											VARIES	43.1	18.6	4.0	69	
CO22	24+04.12	24+95.42	FM 190 / FM 141 INTERSECTON (E)											VARIES	1002.3	105.8	4.0	1073	
CO22	24+95.42	26+00.00	FARM ROAD 190											60.0	697.2	74.0	4.0	860	
CO22 - CO23	26+00.00	35+10.38	FARM ROAD 190 TRANS.											VARIES	4885.7	62.3	4.0	6302	
CO23	35+10.38	36+23.00	FARM ROAD 190											24.0	300.3	31.0	4.0	388	
CO24	26+02.50	28+40.86	FARM ROAD 141 WIDENNG											12.0	317.8	13.0	4.0	344	
CO24	28+40.86	29+40.86	FARM ROAD 141 WIDENING TRANS.											6.0	66.7	7.0	4.0	78	
CO25	13+56.85	13+89.38	FM 186 / K.E. INTERSECTON											VARIES	137.0	44.9	4.0	162	
CO25	13+89.38	17+15.00	FARM ROAD 186											24.0	868.3	26.0	4.0	941	
			PAY TOTALS:												20533.6			25890	

STRUCTURES

SHEET(S)	STATION	LOCATION	DESCRIPTION	R.C. PIPE CULVERTS (CLASS III) 15"	18"	24"	36"	42"	FLARED END SECTIONS FOR R.C. PIPE CULVERTS 15"	18"	24"	36"	42"	DROP INLETS TYPE SS-6	STANDARD JUNCTION BOX	SPRING BOX	* PLACEMENT OF ROCK LINING	CLASS 3 EXCAVATION	REMARKS
				LIN. FT.										EACH			CU. YD.		
CO17	103+00	KANSAS EXPRESSWAY	CONST. CURB INLET ON PIPE CULVERT W/ FES			161					2			1			4	92	
CO17	103+50	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	43										1				14	
CO17	104+15	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	24					1					1			3	30	
CO17	105+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	18					1					1			3	20	
CO17	107+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	16					1					1			3	17	
CO18	110+25	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	16					1					1			3	18	
CO18	112+15	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	18					1					1			3	19	1
CO18	113+44	R/O KANSAS EXPRESSWAY	CONST. SPRING BOX W/ PIPE CULVERT W/ FES		73					1						1	3	10	INSTALLATION METHOD TYPE 3
CO18	113+75	KANSAS EXPRESSWAY	CONST. PIPE CULVERT W/ FES				195					2					9	135	INSTALLATION METHOD TYPE 3
CO18	115+30	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	32					1					1			3	50	
CO18	119+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	16					1					1			3	18	
CO19	122+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	17					1					1			3	18	
CO19	128+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	17					1					1			3	18	
CO20	130+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	17					1					1			3	18	
CO20	131+95	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	14					1					1			4		
CO20	135+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	148										1					
CO20	136+50	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	148										1				53	
CO20	138+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	282										1				216	
CO21	141+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	288										1				206	
CO21	144+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	53										1				45	
CO21	144+60	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	128										1				95	
CO21	145+95	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET		31									1				27	
CO21	145+95	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES		94					1				1			4	85	
CO22	23+22.50	R/O FARM ROAD 190	CONST. JUNCTION BOX ON EXIST. W/ PIPE CULVERT W/ FES				31					1			1		9	57	
CO22	24+53	FARM ROAD 190	CONST. PIPE CULVERT W/ FES					146					2				15	83	
CO22	25+00	R/O FARM ROAD 190	CONST. MEDIAN CURB INLET W/ PIPE CULVERT TO DROP INLET	32										1					
CO22	25+00	R/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT W/ FES	28					1					1			3		
CO22	27+00	R/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	193										1					
CO22	27+80	L/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT W/ FES	23					1					1			3		
CO23	29+50	L/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT W/ FES	18					1					1			3	3	
CO23	30+00	R/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	293										1					
CO23	32+00	L/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT W/ FES	19					1					1			3	24	
CO23	34+00	L/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	193										1				149	
CO23	34+00	L/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	37										1				36	
CO23	34+50	L/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	43										1				38	
CO23	36+55	L/O FARM ROAD 190 (FM 143 TEMP.)	CONST. DRIVEWAY CULVERT W/ FES		41					2							4	22	1
CO25	15+20	FARM ROAD 186	CONST. PIPE CULVERT W/ FES			121					2						3	79	INSTALLATION METHOD TYPE 3
			PAY TOTALS:	2174	239	282	226	146	15	4	4	3	2	31	1	1	97	1695	

* MATERIAL FOR ROCK LINING MAY BE OBTAINED FROM CLASS C ROADWAY EXCAVATION.

1 NOTE: ALL R.C. PIPE CULVERTS MAY USE INSTALLATION METHOD TYPE 4 ACCORDING TO THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION, UNLESS OTHERWISE SPECIFIED.

no.	date	by	ckd	description

BURNS McDONNELL

date	detailed
10/11/2023	T. MONCRIEF
designed	checked
T. MONCRIEF	R. CASTOR

STATE OF MISSOURI
MICHAEL EDWARD HERLETH
NUMBER E-26929
PROFESSIONAL ENGINEER

KANSAS EXPRESSWAY EXTENSION

SUMMARY OF QUANTITIES
SHEET 2 OF 9

project	contract
87740	

drawing **C009** rev. —

sheet of sheets

file ...\PHASE 2 - Kansas Expwy. Ext. Qty Sheets.dgn

Millimeters
Scale For Microfilming
Inches

PHASE 2 TEMPORARY EROSION CONTROL QUANTITIES

SHEET	STATION	STATION	LOCATION	ROCK DITCH CHECK	CURB INLET CHECK	SEDIMENT TRAP ROCK	SEDIMENT TRAP EXCAVATION	12" SILT SOCK	MULCH BERM	TYPE 3B EROSION CONTROL BLANKET	SEDIMENT REMOVAL	REMARKS
				LIN. FT.	LIN. FT.	CU. YD.	CU. YD.	LIN. FT.	LIN. FT.	SQ. YD.	CU. YD.	
C031	103+00		KANSAS EXPRESSWAY RT.			10.0	323.9					INITIAL PHASE
C031	103+04	104+43	KANSAS EXPRESSWAY RT.					128	128		2	INITIAL PHASE
C031	104+14	105+12	KANSAS EXPRESSWAY RT.					101	101		2	INITIAL PHASE
C031	104+67	105+73	KANSAS EXPRESSWAY RT.					108	108		2	INITIAL PHASE
C031	105+33	106+62	KANSAS EXPRESSWAY RT.					127	127		2	INITIAL PHASE
C031 , C032	106+28	113+21	KANSAS EXPRESSWAY RT.					665	665		7	INITIAL PHASE
C032	113+18		KANSAS EXPRESSWAY RT.			9.7	252.4					INITIAL PHASE
C032	113+58	113+89	KANSAS EXPRESSWAY RT.					114	114		2	INITIAL PHASE
C032	113+70	115+43	KANSAS EXPRESSWAY LT.					229	229		3	INITIAL PHASE
C032	113+86	115+04	KANSAS EXPRESSWAY LT.	200							10	INITIAL PHASE - 10 DITCH CHECKS SPACED 15' APART
C032	114+01	114+26	KANSAS EXPRESSWAY RT.					134	134		2	INITIAL PHASE
C032	114+37	114+60	KANSAS EXPRESSWAY RT.					135	135		2	INITIAL PHASE
C032	116+92	117+47	KANSAS EXPRESSWAY RT.					77	77		1	INITIAL PHASE
C032	117+72	118+49	KANSAS EXPRESSWAY RT.					96	96		1	INITIAL PHASE
C032	118+66	121+86	KANSAS EXPRESSWAY RT.					367	367		4	INITIAL PHASE
C032	121+40	125+48	KANSAS EXPRESSWAY RT.					477	477		5	INITIAL PHASE
C032	121+52	124+65	KANSAS EXPRESSWAY RT.					347	347		4	INITIAL PHASE
C032	127+18	127+56	KANSAS EXPRESSWAY LT.					58	58		1	INITIAL PHASE
C032	127+68	128+34	KANSAS EXPRESSWAY LT.					77	77		1	INITIAL PHASE
C032	128+38	128+94	KANSAS EXPRESSWAY LT.					71	71		1	INITIAL PHASE
C033	129+25	129+68	KANSAS EXPRESSWAY LT.					66	66		1	INITIAL PHASE
C033	129+87	130+25	KANSAS EXPRESSWAY LT.					62	62		1	INITIAL PHASE
C033	130+38	130+73	KANSAS EXPRESSWAY LT.					62	62		1	INITIAL PHASE
C033	130+74	131+12	KANSAS EXPRESSWAY LT.					64	64		1	INITIAL PHASE
C033	131+08	131+95	KANSAS EXPRESSWAY LT.					90	90		1	INITIAL PHASE
C033	132+78	136+45	KANSAS EXPRESSWAY LT.	300							15	INITIAL PHASE - 15 DITCH CHECKS SPACED 30' APART
C033	136+67		KANSAS EXPRESSWAY LT.			6.3	101.9					INITIAL PHASE
C033	136+76	138+43	KANSAS EXPRESSWAY LT.					206	206		3	INITIAL PHASE
C033	139+11	142+06	KANSAS EXPRESSWAY LT.	100							5	INITIAL PHASE - 5 DITCH CHECKS SPACED 50' APART
C033	139+20	140+64	KANSAS EXPRESSWAY LT.					722	722		8	INITIAL PHASE - DOUBLE SILT FENCE AT SINK HOLE
C033	140+66	145+16	KANSAS EXPRESSWAY LT.					450	450		5	INITIAL PHASE
C033	142+06		KANSAS EXPRESSWAY LT.			4.0	13.6					INITIAL PHASE
C033	145+25	146+08	KANSAS EXPRESSWAY LT.					113	113		2	INITIAL PHASE
C034	20+22	23+21	FARM ROAD 190 RT.					332	332		4	INITIAL PHASE
C034	24+31	29+05	FARM ROAD 190 LT.					488	488		5	INITIAL PHASE
C034	24+35	30+24	FARM ROAD 190 RT.					598	598		6	INITIAL PHASE
C034	30+19	31+81	FARM ROAD 190 RT.					165	165		2	INITIAL PHASE
C034	31+72	33+14	FARM ROAD 190 RT.					144	144		2	INITIAL PHASE
C034	33+11	33+83	FARM ROAD 190 RT.					80	80		1	INITIAL PHASE
C034	33+79	34+61	FARM ROAD 190 RT.					86	86		1	INITIAL PHASE
C034	34+57	36+84	FARM ROAD 190 RT.					231	231		3	INITIAL PHASE
C034	36+92		FARM ROAD 190 RT.			5.0	37.9					INITIAL PHASE
C034	37+22		FARM ROAD 190 RT.			5.0	37.9					INITIAL PHASE
C035	25+94	29+11	FARM ROAD 141 LT.					325	325		4	INITIAL PHASE
C035	30+06		FARM ROAD 141 LT.			13.7	701.6					INITIAL PHASE
C035	14+26	14+67	FARM ROAD 186 LT.					41	41		1	INITIAL PHASE
C035	14+63	16+28	FARM ROAD 186 LT.					177	177		2	INITIAL PHASE
C036	102+73	113+50	KANSAS EXPRESSWAY LT.							13,567		FINAL PHASE
C036	103+00		KANSAS EXPRESSSWAY RT.		18						1	FINAL PHASE
C036	103+00	106+00	KANSAS EXPRESSWAY LT.	200							10	10 DITCH CHECKS SPACED 33' APART
C036 , C037, C038	103+00	131+15	KANSAS EXPRESSWAY LT.							1,880		FINAL PHASE
C036	103+36	105+23	KANSAS EXPRESSWAY LT.					203	203		3	FINAL PHASE
C036	103+50		KANSAS EXPRESSWAY RT.		18						1	FINAL PHASE
C036	104+15		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C036	104+21	104+62	KANSAS EXPRESSWAY RT.					62	62		1	FINAL PHASE
C036	104+35	107+75	KANSAS EXPRESSWAY LT.					379	379		4	FINAL PHASE
C036	104+45	104+73	KANSAS EXPRESSWAY RT.					47	47		1	FINAL PHASE
C036	104+65	106+00	KANSAS EXPRESSWAY RT.	60							3	3 DITCH CHECKS SPACED 38' APART
C036 , C037	104+65	111+50	KANSAS EXPRESSWAY RT.							433		FINAL PHASE
C036	105+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C036 , C037	105+55	112+38	KANSAS EXPRESSWAY LT.					762	762		8	FINAL PHASE
C036	106+00	108+30	KANSAS EXPRESSWAY RT.	180							9	9 DITCH CHECKS SPACED 23' APART
			SUB-TOTALS 1	**1,040**	**72**	**54**	**1,469**	**9,266**	**9,266**	**15,880**	**169**	

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no.	date	by	ckd	description

Consult Inc engineers planners

date	detailed
10/13/2023	TLP
designed	checked
TLP	EJR

STATE OF MISSOURI
ERIC J. RENKEMEYER
NUMBER PE-2006002845
PROFESSIONAL ENGINEER

KANSAS EXPRESSWAY EXTENSION

SUMMARY OF QUANTITIES
SHEET 2 OF 6

project	contract
87740	

drawing **C012** rev.

sheet of sheets

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Millimeters
Scale For Microfilming
Inches

PHASE 2 TEMPORARY EROSION CONTROL QUANTITIES (CONTINUED)

SHEET	STATION	STATION	LOCATION	ROCK DITCH CHECK	CURB INLET CHECK	SEDIMENT TRAP ROCK	SEDIMENT TRAP EXCAVATION	12" SILT SOCK	MULCH BERM	TYPE 3B EROSION CONTROL BLANKET	SEDIMENT REMOVAL	REMARKS
				LIN. FT.	LIN. FT.	CU. YD.	CU. YD.	LIN. FT.	LIN. FT.	SQ. YD.	CU. YD.	
C036	106+00	107+00	KANSAS EXPRESSWAY LT.	80							4	4 DITCH CHECKS SPACED 23' APART
C036 , C037	106+24	112+93	KANSAS EXPRESSWAY LT.					769	769		8	FINAL PHASE
C036	107+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C036 , C037	107+40	111+55	KANSAS EXPRESSWAY LT.					497	497		5	FINAL PHASE
C036	107+00	108+25	KANSAS EXPRESSWAY LT.	140							7	7 DITCH CHECKS SPACED 21' APART
C036 , C037	108+13	110+81	KANSAS EXPRESSWAY LT.					329	329		4	FINAL PHASE
C036	108+25	108+75	KANSAS EXPRESSWAY LT.	20							1	1 DITCH CHECK SPACED 43' APART
C036 , C037	108+30	109+60	KANSAS EXPRESSWAY RT.	80							4	4 DITCH CHECKS SPACED 33' APART
C036 , C037	108+75	109+75	KANSAS EXPRESSWAY LT.	40							2	2 DITCH CHECKS SPACED 33' APART
C037	109+60	111+00	KANSAS EXPRESSWAY RT.	40							2	2 DITCH CHECKS SPACED 60' APART
C037	109+75	112+25	KANSAS EXPRESSWAY LT.	80							4	4 DITCH CHECKS SPACED 75' APART
C037	110+25		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C037	111+00	111+50	KANSAS EXPRESSWAY RT.	60							3	3 DITCH CHECKS SPACED 19' APART
C037	112+15		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C037	112+25	113+50	KANSAS EXPRESSWAY LT.	120							6	6 DITCH CHECKS SPACED 23' APART
C037	113+50	114+15	KANSAS EXPRESSWAY LT.	20							1	1 DITCH CHECK SPACED 43' APART
C037 , C038	113+50	131+15	KANSAS EXPRESSWAY LT.							7,160		FINAL PHASE
C037	114+13	114+53	KANSAS EXPRESSWAY LT.					43	43		1	FINAL PHASE
C037	114+27	114+39	KANSAS EXPRESSWAY RT.					62	62		1	FINAL PHASE
C037	114+46	114+61	KANSAS EXPRESSWAY RT.					59	59		1	FINAL PHASE
C037	114+53	117+00	KANSAS EXPRESSWAY LT.	320							16	16 DITCH CHECKS SPACED 16' APART
C037	114+55	119+00	KANSAS EXPRESSWAY RT.	420							21	21 DITCH CHECKS SPACED 21' APART
C037	114+55	121+30	KANSAS EXPRESSWAY RT.							461		FINAL PHASE
C037	115+30		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C037	117+00	119+00	KANSAS EXPRESSWAY LT.	180							9	9 DITCH CHECKS SPACED 21' APART
C037	119+00	120+30	KANSAS EXPRESSWAY RT.	80							4	4 DITCH CHECKS SPACED 25' APART
C037	119+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C037	119+00	121+00	KANSAS EXPRESSWAY LT.	120							6	6 DITCH CHECKS SPACED 27' APART
C037	120+30	121+30	KANSAS EXPRESSWAY RT.	100							5	5 DITCH CHECKS SPACED 21' APART
C037	121+00	123+00	KANSAS EXPRESSWAY LT.	80							4	4 DITCH CHECKS SPACED 43' APART
C037	122+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C037	123+00	125+00	KANSAS EXPRESSWAY LT.	40							2	2 DITCH CHECKS SPACED 100' APART
C037	125+00	127+25	KANSAS EXPRESSWAY LT.	60							3	3 DITCH CHECKS SPACED 75' APART
C037	125+40	125+85	KANSAS EXPRESSWAY RT.	40							2	2 DITCH CHECKS SPACED 21' APART
C037 , C038	125+40	146+00	KANSAS EXPRESSWAY RT.							1,392		FINAL PHASE
C037	125+85	127+25	KANSAS EXPRESSWAY RT.	40							2	2 DITCH CHECKS SPACED 75' APART
C037	127+25	129+00	KANSAS EXPRESSWAY RT.	80							4	4 DITCH CHECKS SPACED 43' APART
C037	127+25	129+00	KANSAS EXPRESSWAY LT.	80							4	4 DITCH CHECKS SPACED 43' APART
C037	128+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C037 , C038	129+00	130+60	KANSAS EXPRESSWAY RT.	120							6	6 DITCH CHECKS SPACED 30' APART
C037 , C038	129+00	131+15	KANSAS EXPRESSWAY LT.	140							7	7 DITCH CHECKS SPACED 27' APART
C038	130+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C038	130+60	135+25	KANSAS EXPRESSWAY RT.	360							18	18 DITCH CHECKS SPACED 25' APART
C038	131+95		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C038	133+47	136+57	KANSAS EXPRESSWAY LT.					348	348		4	FINAL PHASE
C038	133+80	135+00	KANSAS EXPRESSWAY LT.	20							1	1 DITCH CHECK SPACED 75' APART
C038	133+80	146+85	KANSAS EXPRESSWAY LT.							856		FINAL PHASE
C038	135+00	136+60	KANSAS EXPRESSWAY LT.	180							9	9 DITCH CHECKS SPACED 21' APART
C038	135+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C038	135+25	136+50	KANSAS EXPRESSWAY RT.	120							6	6 DITCH CHECKS SPACED 21' APART
C038	136+50		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C038	136+50	138+25	KANSAS EXPRESSWAY LT.	120							6	6 DITCH CHECKS SPACED 30' APART
C038	136+76	138+57	KANSAS EXPRESSWAY LT.					206	206		3	FINAL PHASE
C038	137+71	146+39	KANSAS EXPRESSWAY LT.							548		FINAL PHASE
C038	138+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C038	138+25	140+25	KANSAS EXPRESSWAY RT.	80							4	4 DITCH CHECKS SPACED 50' APART
C038	140+20	144+00	KANSAS EXPRESSWAY LT.	320							16	16 DITCH CHECKS SPACED 23' APART
C038	140+20	147+68	KANSAS EXPRESSWAY LT.							530		FINAL PHASE
C038	140+25	142+30	KANSAS EXPRESSWAY RT.	140							7	7 DITCH CHECKS SPACED 27' APART
C038	141+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
			SUB-TOTALS 2	**3,920**	**234**	**0**	**0**	**2,313**	**2,313**	**10,947**	**236**	

1

no. | date | by | ckd | description

Consult Inc engineers planners

date	detailed
10/13/2023	TLP
designed	checked
TLP	EJR

STATE OF MISSOURI — ERIC J. RANKEMEYER — NUMBER PE-2009029845 — PROFESSIONAL ENGINEER

KANSAS EXPRESSWAY EXTENSION

SUMMARY OF QUANTITIES
SHEET 3 OF 6

project	contract
87740	

drawing **C013** rev.

sheet of sheets

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Millimeters
Inches
Scale For Microfilming

PHASE 2 TEMPORARY EROSION CONTROL QUANTITIES (CONTINUED)

SHEET	STATION	STATION	LOCATION	ROCK DITCH CHECK	CURB INLET CHECK	SEDIMENT TRAP ROCK	SEDIMENT TRAP EXCAVATION	12" SILT SOCK	MULCH BERM	TYPE 3B EROSION CONTROL BLANKET	SEDIMENT REMOVAL	REMARKS
				LIN. FT.	LIN. FT.	CU. YD.	CU. YD.	LIN. FT.	LIN. FT.	SQ. YD.	CU. YD.	
C038	142+30	144+00	KANSAS EXPRESSWAY RT.	180							9	9 DITCH CHECKS SPACED 21' APART
C038	144+00		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C038	144+00	145+50	KANSAS EXPRESSWAY RT.	100							5	5 DITCH CHECKS SPACED 30' APART
C038	144+00	146+22	KANSAS EXPRESSWAY LT.	120							6	6 DITCH CHECKS SPACED 38' APART
C038	144+60		KANSAS EXPRESSWAY LT.		18						1	FINAL PHASE
C038	145+50	146+00	KANSAS EXPRESSWAY RT.	60							3	3 DITCH CHECKS SPACED 21' APART
C038	145+95		KANSAS EXPRESSWAY RT./LT.		36						2	FINAL PHASE
C038	146+28		KANSAS EXPRESSWAY LT.	20							1	1 DITCH CHECK SPACED 21' APART
C038	146+78	147+68	KANSAS EXPRESSWAY LT.	80							4	4 DITCH CHECKS SPACED 30' APART
C039	24+30	24+60	FARM ROAD 190 LT.	20							1	1 DITCH CHECK SPACED 16' APART
C039	24+30	34+47	FARM ROAD 190 LT.							680		FINAL PHASE
C039	24+60	25+50	FARM ROAD 190 LT.	40							2	2 DITCH CHECKS SPACED 43' APART
C039	25+00		FARM ROAD 190 RT./LT.		36						2	FINAL PHASE
C039	27+00		FARM ROAD 190 RT.		18						1	FINAL PHASE
C039	27+80		FARM ROAD 190 LT.		18						1	FINAL PHASE
C039	29+00	30+60	FARM ROAD 190 LT.	60							3	3 DITCH CHECKS SPACED 75' APART
C039	29+50		FARM ROAD 190 LT.		18						1	FINAL PHASE
C039	30+00		FARM ROAD 190 RT.		18						1	FINAL PHASE
C039	30+60	34+27	FARM ROAD 190 LT.	220							11	11 DITCH CHECKS SPACED 33' APART
C039	32+00		FARM ROAD 190 LT.		18						1	FINAL PHASE
C039	34+00		FARM ROAD 190 RT./LT.		36						2	FINAL PHASE
C039	34+50		FARM ROAD 190 RT.		18						1	FINAL PHASE
C039	36+23	36+91	FARM ROAD 190 RT.							87		FINAL PHASE
C039	36+55		FARM ROAD 190 RT.	20							1	1 DITCH CHECK
C039	36+86		FARM ROAD 190 RT.	20							1	1 DITCH CHECK
C040	14+51	16+45	FARM ROAD 186 RT.					209	209		3	FINAL PHASE
C035	14+05	15+53	FARM ROAD 186 LT.							101		FINAL PHASE
			SUB-TOTALS 3	**940**	**252**	**0**	**0**	**209**	**209**	**868**	**64**	
			SUB-TOTALS 2	**3,920**	**234**	**0**	**0**	**2,313**	**2,313**	**10,947**	**236**	
			SUB-TOTALS 1	**1,040**	**72**	**54**	**1,469**	**9,266**	**9,266**	**15,880**	**169**	
			PAY TOTALS	**5,900**	**558**	**54**	**1,469**	**11,788**	**11,788**	**27,695**	**469**	

1

no.	date	by	ckd	description

Consult Inc engineers planners

date	detailed
10/13/2023	TLP
designed	checked
TLP	EJR

STATE OF MISSOURI
ERIC J. ROOKEMEYER
NUMBER PE-2009020945
PROFESSIONAL ENGINEER

KANSAS EXPRESSWAY EXTENSION

SUMMARY OF QUANTITIES
SHEET 4 OF 6

project	contract
87740	

drawing **C014** rev.

sheet of sheets

file ...\Cadd\HG\87740-2-QU-04.dgn

Millimeters
Inches
Scale For Microfilming

BID FORM PAGE 1: KANSAS EXPRESSWAY EXTENSTION - PHASE 2

Pay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cost
ROADWAY					
2013000	CLEARING AND GRUBBING	29	ACRE		$ -
2022010	REMOVAL OF IMPROVEMENTS	1	LS		$ -
2031000	CLASS A EXCAVATION	173,904	CUYD		$ -
2032000	CLASS C EXCAVATION	206,355	CUYD		$ -
2036000	COMPACTING EMBANKMENT	65,044	CUYD		$ -
2037075	COMPACTING IN CUT	26.9	STA		$ -
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	6,825	SQYD		$ -
4011207	BITUMINOUS PAVEMENT MIXTURE PG70-22, (BP-1)	322.0	TONS		$ -
4011209	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	62.6	TONS		$ -
4013000	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	113.3	TONS		$ -
4071005	TACK COAT	329	GAL		$ -
6079903	5 STRAND BARBED WIRE FENCE	4,163	LF		$ -
6081000	CONCRETE MEDIAN	231.2	SQYD		$ -
6081010	CONCRETE CURB RAMP	139.0	SQYD		$ -
6081012	TRUNCATED DOMES	226	SQFT		$ -
6083006	6 IN. CONCRETE MEDIAN STRIP	117.9	SQYD		$ -
6086004	CONCRETE SIDEWALK, 4 IN.	6,180.2	SQYD		$ -
6099903	CURB AND GUTTER (TYPE ST-2) - SPRINGFIELD	13,076	LF		$ -
6181000	MOBILIZATION	1	LS		$ -
6189902	ADDITIONAL MOBILIZATION FOR SEEDING	10	EA		$ -
6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (2 IN.)	2,976	SQYD		$ -
6274000	CONTRACTOR FURNISHED SURVEY AND STAKING	1	LS		$ -
8051000A	SEEDING - COOL SEASON MIXTURES	22.3	ACRE		$ -
				SUBTOTAL ROADWAY:	**$ -**
STORM SEWER					
2063000	CLASS 3 EXCAVATION	1,695	CUYD		$ -
6097000	ROCK LINING	97	CUYD		$ -
6149902	DROP INLET (TYPE SS-6) - SPRINGFIELD	31	EA		$ -
6149902	SPRING BOX - ArDOT	1	EA		$ -
7269915	15 IN. R.C. PIPE CULVERT	2,174	LF		$ -
7269918	18 IN. R.C. PIPE CULVERT	239	LF		$ -
7269924	24 IN. R.C. PIPE CULVERT	282	LF		$ -
7269936	36 IN. R.C. PIPE CULVERT	226	LF		$ -
7269942	42 IN. R.C. PIPE CULVERT	146	LF		$ -
7319902	STANDARD JUNCTION BOX - GREENE COUNTY	1	EA		$ -
7329915	15 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	15	EA		$ -
7329918	18 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	4	EA		$ -
7329924	24 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	4	EA		$ -
7329936	36 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	3	EA		$ -
7329942	42 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	2	EA		$ -
				SUBTOTAL STORM SEWER:	**$ -**
TRAFFIC CONTROL					
6161005	CONSTRUCTION SIGNS	982	SQFT		$ -
6161008	ADVANCED WARNING RAIL SYSTEM	4	EA		$ -
6161009	FLAG ASSEMBLY	4	EA		$ -
6161020	CHANNELIZER (DRUM-LIKE)	48	EA		$ -
6161031	TYPE III MOVEABLE BARRICADE WITH LIGHTS	8	EA		$ -
6161099	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	4	EA		$ -
6205301B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE	1,916	LF		$ -
6205303B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW	2,025	LF		$ -
6207001	PAVEMENT MARKING REMOVAL	5,801	LF		$ -
6207002	PAVEMENT MARKING REMOVAL (SYMBOLS)	3	LF		$ -
				SUBTOTAL TRAFFIC CONTROL:	**$ -**
EROSION CONTROL					
8061003	SEDIMENT TRAP EXCAVATION	1,469	CUYD		$ -
8061004	SEDIMENT TRAP ROCK	54	CUYD		$ -
8061005	ROCK DITCH CHECK	5,900	LF		$ -
8061007A	CURB INLET CHECK	558	LF		$ -
8061016	SEDIMENT REMOVAL	469	CUYD		$ -
8061017	TEMPORARY SEEDING AND MULCHING	23.5	ACRE		$ -
8064140	TYPE 3B EROSION CONTROL BLANKET	27,695	SQYD		$ -
8069902	SILT SOCK (12")	11,788	LF		$ -
8069903	MULCH BERM	11,788	LF		$ -
				SUBTOTAL EROSION CONTROL:	**$ -**
PAVEMENT MARKINGS					
6200009	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	675	LF		$ -
6200015	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	110	LF		$ -
6200018	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. YELLOW	129	LF		$ -
6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	18	EA		$ -
6200042	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12 IN WHITE, YIELD LINE TRIANGLES	9	EA		$ -
6206000C	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	1,707	LF		$ -
6206001C	4 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	12,886	LF		$ -
				SUBTOTAL PAVEMENT MARKINGS:	**$ -**
				SUBTOTAL PAGE 1:	**$ -**

1

BID FORM PAGE 2: KANSAS EXPRESSWAY EXTENSTION - PHASE 2

Pay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cost
SIGNS					
9031010	CONCRETE FOOTINGS, EMBEDDED	3.4	CUYD		$ -
9031270A	2 IN. PSST POST - 12 GA.	420	LF		$ -
9031271	POST ANCHOR FOR 2 IN. PSST - 7 GA.	105	LF		$ -
9031280	2.5 IN. PSST POST - 12 GA.	24	LF		$ -
9031281	POST ANCHOR FOR 2.5 IN. PSST - 7 GA.	6	LF		$ -
9035004A	SH - FLAT SHEET	324.00	SQFT		$ -
				SUBTOTAL SIGNS:	**$ -**
ELECTRIC					
9019901	INSTALL CONCRETE STREETLIGHT POLE FOUNDATION W/REBAR (CF24-6)	12	EA		$ -
9019902	INSTALL CONCRETE STREETLIGHT POLE FOUNDATION W/REBAR (CF24-8)	19	EA		$ -
9019903	FURNISH AND INSTALL SECONDARY RISER START (SR-2CP)	1	EA		$ -
9019904	INSTALL SECONDARY PEDESTAL (SP-2C)	1	EA		$ -
9019905	INSTALL SECONDARY PEDESTAL, TRAFFIC RATED (SP-SW)	4	EA		$ -
9019906	INSTALL STREETLIGHTING CONTROLLER CONCRETE FOUNDATION	1	EA		$ -
9019907	INSTALL 2" PVC CONDUIT IN TRENCH (PVC-2)	5,517	LF		$ -
9019908	INSTALL 2" GALV. RIGID CONDUIT IN TRENCH (GALV-2)	763	LF		$ -
9019910	INSTALL (1) 2" HDPE CONDUIT BORED	86	LF		$ -
				SUBTOTAL ELECTRIC:	**$ -**
SANITARY SEWER RELOCATIONS					
6039921	8" SDR-26 PVC GRAVITY SEWER MAIN	180	LF		$ -
6039922	OPEN CUT 24" WELDED STEEL CASING AND 8" CARRIER PIPE	140	LF		$ -
6039923	NEW 48" DIA MANHOLE	2	EA		$ -
6039924	SEWER AND MANHOLE ABANDONMENT	1	LS		$ -
6039925	EXISTING MANHOLE MODIFICATIONS	1	EA		$ -
6039926	BYPASS PUMPING	1	LS		$ -
				SUBTOTAL SANITARY SEWER RELOCATIONS:	**$ -**
				SUBTOTAL PAGE 2:	**$ -**

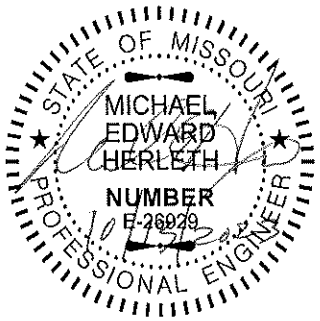
BID FORM OPTIONAL PAVEMENT: KANSAS EXPRESSWAY EXTENSTION

Pay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cost
ASPHALT PAVEMENT OPTION					
3049905	TYPE 5 AGGREGATE FOR BASE (8 IN. THICK)	25,890	SQYD		$ -
4019905	ASHPALT PAVEMENT OPTION	20,533.6	SQYD		$ -
				SUBTOTAL ASPHALT PAVEMENT OPTION:	**$ -**
CONCRETE PAVEMENT OPTION					
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	25,890	SQYD		$ -
4019905	CONCRETE PAVEMENT OPTION	20,533.6	SQYD		$ -
				SUBTOTAL CONCRETE PAVEMENT OPTION:	**$ -**

SUBTOTAL PAGE 1:	**$ -**
SUBTOTAL PAGE 2:	**$ -**
SUBTOTAL ASPHALT OR CONCTRETE PAVEMENT OPTION:	**$ -**
TOTAL CONSTRUCTION:	**$ -**

JOB SPECIAL PROVISIONS TABLE OF CONTENTS

(Job Special Provisions shall prevail over General Special Provisions whenever in conflict therewith.)



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

Greene County, Missouri
Greene County Highway Department
2065 N Clifton Drive
Springfield, MO 65803
Phone 417-831-3591

Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114

Certificate of Authority: 000165
Consultant Phone: 816-822-3900

If a seal is present on this sheet, JSP's have been electronically sealed and dated.

ADDENDUM DATE:
October 13, 2023

Only the following items of the Job Special Provisions are authenticated by this seal: All

2.0 Construction Requirements. Topsoil shall consist of a fertile, friable soil of loamy character, free of sub-soil, stumps, stones, refuse and other foreign material. It shall contain a normal amount of natural humus and be reasonably free of roots, hard dirt, heavy or stiff clay, coarse sand, noxious weeds, noxious weed seeds, sticks, brush and other litter. The topsoil shall be obtained from well-drained, arable land, and be of even texture so that all the soil will pass through a one-inch screen. The topsoil shall not be infested with nematodes or with other noxious animal life or toxic substances. Sandy loam of low fertility, even though mixed with leaf mold, manure or other fertilizers, will not be accepted.

The Contractor shall stock pile topsoil from the site for use in final grading. Rocks larger than one-inch shall be removed. If the site does not have enough topsoil, the Contractor shall provide and place topsoil meeting the approval of the Engineer.

3.0 Basis of Payment. No direct payment will be made for this work including, but not limited to, materials, equipment, manpower, etc. necessary to comply with this special provision.

1.

FFF. Measurement and Payment

1. Measurement of Quantities. Unless otherwise specified hereinafter, all work performed under the contract will be paid for on a contract quantity basis or will be measured by the Engineer according to United States Standard measure should measurement be deemed appropriate by the Engineer. When the quantity of any item that is to be paid for on a contract quantity basis is found to include errors, or when an authorized revision of the plan is made, the quantity will be corrected before making final payment. Should a disagreement arise between the Engineer and the Contractor over such errors in the quantities, the Contractor shall submit detailed calculations to the Engineer supporting his claim. The method of measurement and computation to be used in determination of material furnished and of work performed under the contract will be those methods generally recognized as conforming to good engineering practice. Unless otherwise specified, payment for specific pay items shall cover all costs, labor, materials, etc., required to complete the task or produce a finished item in place.

Measurement of quantities shall be performed in accordance with the procedures in Section 109 of the MoDOT Standard Specifications with the following exceptions:

Erosion control devices
Undergrading areas
Fencing
Soil stabilization areas in rock or earth
Rock Blanket

Items that will be measured for verification but will be paid on a contract (plan) quantity basis include:

Concrete Approach Slabs
Safety Barrier Curb
~~Excavation and Embankment~~
Clearing and Grubbing
Guard Rail, Bridge anchors and terminals
Class B-1 Concrete
Class B-2 Concrete
Reinforcing Steel
Asphalt Pavement and Aggregate Base
Seeding and Mulching
Aggregate Base under Guardrail
Concrete Box Beams

2. The Contractor shall not begin any work under classifications for which price payments are not provided in the contract without first bringing the matter to the attention of the Engineer, and no bill or charges for extra or force account work will be allowed except for that ordered in writing and approved by the Engineer.

3. Payment may be withheld or nullified in whole or part to such extent as may be necessary to protect the Owner from loss on account of:

Failure of Contractor to properly submit material certifications and substantiating test reports required under the Job Special Provisions.

Failure of Contractor to properly submit certified copies of labor payrolls required under Section 110 of the MoDOT Standard Specifications.

Defective work not remedied.

Failure of the Contractor to properly make payment to suppliers or subcontractors for material and/or labor.

Reasonable doubt that the contract can be completed for the balance then unpaid.

Damage by the Contractor to a property owner.

4. Prior to Final Payment, the Contractor shall file with the Owner the following:

An affidavit stating to the effect that all payments have been made and all claims have been released for all materials, labor, and other items covered by the contract bond;

Written consent of the surety to such payment;

Lien Waivers signed by each subcontractor and supplier furnishing work or materials to the project releasing all claims to said work and materials. Lien Waivers for DBE subcontractors shall include the dollar amount paid to the DBE.;

Any other documents which may be required by the contract, Owner or the Consulting Engineer.

5. Each Contractor and subcontractor shall file with the Owner, upon completion of the project and prior to final payment thereof, an affidavit on the form provided that he has fully complied with the provisions and requirements of the Prevailing Wage Law.

6. When the work has been completed and certified by the Owner, a final estimate will be executed and submitted, which will provide payment to the Contractor for the entire sum due him as set forth in these specifications. All prior partial estimates and payments shall be subject to correction by the Owner in this final estimate and payment.

7. Tickets must be provided for all concrete, asphalt materials, and aggregate base, but pay quantities will not be adjusted unless an Owner requested change has been made for those items.

8. When the quantity of any item that is to be paid for on a contract quantity basis is found to include errors, or when an authorized revision of the plan is made, the quantity will be corrected before making final payment. The method of measurement and computations to be used in

determination of material furnished and of work performed under the contract will be those methods generally recognized as conforming to good engineering practice. Unless otherwise specified, payment for specific pay items shall cover all costs, labor, materials, etc., required to complete the task or produce a finished item in place. The payment items listed above are payment items on the bid form. For incidental work items see that section of the Special Provisions.

9. The engineer shall provide progress payment estimates on or about the 1st and 15th day of each calendar month for the work performed during the previous month and the value thereof at the contract unit prices. The proper percentage with relation to completion will be allowed for all incomplete items. The contractor will review the payment estimate, verify percentage of work complete and forward to the engineer for payment. No payment will be made on account of materials not yet incorporated into the work. In accordance with the Missouri Prompt Pay Act (34.057 RSMo), the owner may withhold payment for any reason as defined in 34.057 RSMo or as determined by the engineer.

GGG. Line and Grade

1.0 Description. The Contractor shall be responsible for setting stakes and monuments for construction. This work shall be supervised by a Registered Land Surveyor. The Contractor shall be responsible for the preservation of all benchmarks and control monuments, and if any of these marks are destroyed or disturbed, the cost of replacing them may be charged to the contractor. The Contractor shall:

1. Restake items staked by the Engineer, when stakes are lost or destroyed for any reason.

2. Set slope stakes and offset grade stakes for curb and gutter, storm sewers, paved channels, inlets, manholes and retaining walls.

3. Set centerline grade stakes for unlined channels and pavement

4. Set “Blue top” hubs set to elevation of subgrade for centerline of streets, offsets for edge of pavement and at such other locations as to assure proper thickness and drainage of pavements.

5. Set stakes for fencing and other stakes required for the proper construction of the Work.

6. Replace all property corner pins removed or disturbed by construction. An approved Registered Land Surveyor must perform this work.

1.1 All project benchmarks should be field checked for possible disturbance prior to use for staking purposes.

1.2 The coordinates listed on this plan are for informational purposes only. It is the Contractor’s responsibility to confirm the coordinates based on the dimensions shown on the plans. The Contractor shall verify accuracy of the coordinates shown on the plans prior to staking. Following stakeout of any facility by coordinates, the contractor shall confirm consistency with the plan dimensions construction.

1.8 Basis of Payment – There is no direct payment for contractor compliance with provision described in this section.

1.

MMM. Contractor Surveying and Staking

1.0 Description. Amend Section 627.2.4 As follows:

Any survey or measurements necessary for computing pay quantities will be performed by the Contractor. The Contractor shall notify the Engineer at least two working days prior completing survey or measurements for pay.

2.0 Basis of Payment. No direct payment shall be made for compliance with this provision. Payment shall be included as part of Contractor Surveying and Staking.