

ADDENDUM #2

Addendum #: 02Addendum Date: October 19, 2023Project: STP-5909(802)Owner: Greene County Highway DepartmentKansas Expressway Extension Phase 2

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

Attachments: PLAN SHEET (1 Page), BID FORM (2 Pages), JOB SPECIAL PROVISIONS (6 Pages), Bidders Checklist (2 Pages)

ADDENDUM: ADDENDUM TWO

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 sheet C009 has 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. WW "Disposal of Excess or Unsuitable Material" has been revised.
 - b. HHH "Plant Mix Bituminous Base" has been deleted.
 - c. NNN "Blasting Requirements" has been added.
- **4. Bidders Checklist.** Added clarification on signing requirements and submittal requirements for E-Verify.

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM 2 – TO BE INCLUDED IN BID

Seal

Company Name

Signature

Printed Name

Title

Address

City/State/Zip Code

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			DRIVEW	AYS				1	
SHEET(S)	STATION	LOCATION	WDTH	ТАСК	СОАТ	2" E W/ PG		4" PI W/ PG	
SHEE (G)	STATION	LOCATION		(GALLONS/	GALLONS	(1.948 TON	(1.948 TON / CU. YD.)		/ CU. YD.)
			FEET	SQ.YD)		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 & IN	ILAY		
SHEET(S)	STATION	STATION	LOCATION	AVG. WIDTH	TACK COAT (0.10 GAL/SQ.YD)	COLD M BITUM PAVEME
				FEET	GAL.	SQ.
CO22	20+42.75	23+34.77	FARM ROAD 190	24.0	77.9	77
CO22	23+34.77	23+68.19	FM 190 / FM 141 INTERSECTION (W)	VARIES	18.4	18
CO24	24+00.00	29+40.86	FARM ROAD 141	VARIES	201.3	20
	-			PAY TOTALS:	297.6	29

										OPTIONAL	PAVEMENT								
SHEET(S)	STATION	STATION	LOCATION	TACK COAT (0.05		2" BP-1 W/ PG 70-22			4" PMBB W/ PG 64-22			5" PMBB W/ PG 64-22		8" PC	CP	ТҮ	PE 5 AGGREGATE		
SHEE I(S)	STATION	STATION	LOCATION	GAL/SQ.YD)	(1.94	48 TON / CU. YD.)		(1.)	943 TON / CU. YD.)	(1.9	(1.943 TON / CU. YD.)							
				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 OPT	TION (QUANTI	TIES FOR CON	TRACTOR 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	1
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	1
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	1
CO21	146+04.51	146+37.01	K.E. / FM 190 INTERSECTION	14	VARIES	136.9	14.8	VARIES	136.9	29.6	VARIES	136.9	36.9			44.9	8.0	162	1
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 INTERSECTION (W)	4	VARIES	43.1	4.7	VARIES	43.1	9.3	VARIES	43.1	11.6			18.6	8.0	69	1
CO22	24+04.12	24+95.42	FM 190 / FM 141 INTERSECTION (E)	100	VARIES	1002.3	108.5	VARIES	1002.3	216.4	VARIES	1002.3	270.5			105.8	8.0	1073	1
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	-
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	1
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	1
CO24	26+02.50	28+40.86	FARM ROAD 141 WIDENING	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. INTERSECTION	14	VARIES	137.0	14.8	VARIES	137.0	29.6	VARIES	137.0	37.0			44.9	7.0	162	1
CO25	13+89.38	17+15.00	FARM ROAD 186	87	24.0	868.3	94.0	24.0	368.3	187.5	24.0	868.3	234.3			26.0	8.0	941	
			PAY TOTALS:	2054			2222.2			4433.1			5541.1					25890	
CONCRETE O	PTION (QUAN	TITIES FOR CO	IN TRACTOR 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 INTERSECTION											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 INTERSECTION (W)											VARIES	43.1	18.6	4.0	69	
CO22	24+04.12	24+95.42	FM 190 / FM 141 INTERSECTION (E)											VARIES	1002.3	105.8	4.0	1073	T
CO22	24+95.42	26+00.00	FARM ROAD 190											60.0	697.2	74.0	4.0	860	T
CO22 - CO23	26+00.00	35+10.38	FARM ROAD 190 TRANS.											VARIES	4885.7	62.3	4.0	6302	T
CO23	35+10.38	36+23.00	FARM ROAD 190											24.0	300.3	31.0	4.0	388	T
CO24	26+02.50	28+40.86	FARM ROAD 141 WIDENING											12.0	317.8	13.0	4.0	344	1
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. INTERSECTION											VARIES	137.0	44.9	4.0	162	1
CO25	13+89.38	17+15.00	FARM ROAD 186											24.0	868.3	26.0	4.0	941	
			PAY TOTALS:												20533.6			25890	1

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SHEET(S)	STATION	LOCATION	DESCRIPTION			PE CUL CLASS		}∕₁			D SECT	TIONS FO	DR	DROP INLETS TYPE SS-6	STANDARD JUNCTION BOX	SPRING BOX	* PLACEMENT OF ROCK LINING	CLASS 3 EXCAVATION	EX
				15"	18"	24"	36"	42"	15"	18"	24"	36"	42"						1
						LIN. FT	т.							EACH				CU. YD.	î
CO17	103+00	KANSAS EXPRESSWAY	CONST. CURB INLET ON PIPE CULVERT W/ FES			161					2			1			4	92	1
CO17	103+50	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	43										1				14	1
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	1
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 NLET W/ PIPE CULVERT W/ FES	16					1					1			3	18	1
CO18	112+15	L/O KANSAS EXPRESSWAY	CONST. CURB NLET W/ PIPE CULVERT W/ FES	18					1					1			3	19	
CO18	113+44	R/O KANSAS EXPRESSWAY	CONST. SPRING BOX W/ PIPE CULVERT W/ FES		73					1						1	3	10	1
CO18	113+75	KANSAS EXPRESSWAY	CONST. PIPE CULVERT W/ FES				195					2					9	135	1
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	1
CO19	122+00	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES	17					1					1			3	18	9
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	1
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	1
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	1
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	1
CO21	145+95	L/O KANSAS EXPRESSWAY	CONST. CURB INLET W/ PIPE CULVERT W/ FES		94					1				1			4	85	1
CO22	23+22.50	R/O FARM ROAD 190	CONST. JUNCTION BOX ON EXIST. W/ PIPE CULVERT W/ FES				31					1			1		9	57	1
CO22	24+53	FARM ROAD 190	CONST. PIPE CULVERT W/ FES					146					2				15	83	1
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		1
CO23	29+50	L/O FARM ROAD 190	CONST. CURB NLET W/ PIPE CULVERT W/ FES	18					1					1			3	3	i
CO23	30+00	R/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	293										1					i
CO23	32+00	L/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT W/ FES	19					1					1			3	24	1
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	1
CO23	34+50	L/O FARM ROAD 190	CONST. CURB INLET W/ PIPE CULVERT TO DROP INLET	43										1				38	1
CO23	36+55	L/O FARM ROAD 190 (FM 143 TEMP.)	CONST. DRNEWAY CULVERT W/ FES		41					2							4	22	1
CO25	15+20	FARM ROAD 186	CONST. PIPE CULVERT W/ FES			121					2						3	79	
ENTIRE	PROJECT	IF AND WHERE DIRECTED											_						1
			PAY TOTA	ALS: 2174	239	282	226	146	15	4	4	3	2	31	1	1	97	1695	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.



	BID FORM PAGE 1: KANSAS EXPRESSWAY EXTENST	1	1		D (1) C
ay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cost
ADWAY			r	1	•
2013000	CLEARING AND GRUBBING	29	ACRE		\$ -
2022010	REMOVAL OF IMPROVEMENTS	172,004	LS		\$ -
2031000 2032000	CLASS A EXCAVATION CLASS C EXCAVATION	173,904	CUYD		\$ - \$ -
		206,355	CUYD		
2036000 2037075	COMPACTING EMBANKMENT COMPACTING IN CUT	65,044 26.9	CUYD STA		<u>\$</u>
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	6,825	SQYD		s - \$ -
4011207	BITUMINOUS PAVEMENT MIXTURE PG70-22, (BP-1)	322.0	TONS		s - \$ -
4011207	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	62.6	TONS		\$ -
4011209	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	1	\$ -
6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (2 IN.)	2,976	SQYD	1	\$ -
6274000	CONTRACTOR FURNISHED SURVEY AND STAKING	1	LS	1	\$ -
8051000A	SEEDING - COOL SEASON MIXTURES	22.3	ACRE	1	\$ -
000100011		22.5		AL ROADWAY:	*
ORM SEWER			5001017		· ·
2063000	CLASS 3 EXCAVATION	1,695	CUYD		\$ -
2063100	CLASS 3 EXCAVATION IN ROCK	850	CUYD		
6097000	ROCK LINING	97	CUYD	<u> </u>	<u> </u>
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	282	LF		\$ -
7269942	42 IN. R.C. PIPE CULVERT	146	LF		s -
7319902	42 IN. R.C. FIFE COLVERT STANDARD JUNCTION BOX - GREENE COUNTY	140	EA		s -
7329915	15 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	15	EA		s -
					•
7329918	18 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	4	EA		<u>\$</u>
7329924	24 IN. FLARED END SECTION FOR R.C. PIPE CULVERT		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 S	FORM SEWER:	s -
AFFIC CONTRO					
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,	4	EA		\$ -
	CONTRACTOR RETAINED				
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		\$ -
		SUBT	OTAL TRAFI	FIC CONTROL:	s -
	I <u>.</u>				
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	ĹF		\$ -
8069903	MULCH BERM	11,788	LF		\$ -
		,		ON CONTROL:	-
VEMENT MARK	INGS	2001			
6200009	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	675	LF		\$ -
6200009	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	110	LF		s - \$ -
6200013	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. YELLOW	129	LF		s - \$ -
6200018	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. YELLOW PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	129	EA		
6200042	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12 IN WHITE, YIELD LINE TRIANGLES	9	EA		\$ -
	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	1,707	LF		\$ -
6206000C	A DA VELLOW OT AND A DD WATER DODNE DAVENT DAVENT DAVENCE DAVENCE DE 122	10.007	T T		
6206000C	4 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	12,886	LF	T MARKINGS:	\$ - \$ -

Pay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cos
GNS				1	
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		\$
			SUB	TOTAL SIGNS:	\$
ECTRIC					
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		\$
			SUBTOT.	AL ELECTRIC:	\$
NITARY 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		\$

	BID FORM OPTIONAL PAVEMENT: KANSAS EXPRESSWAY EXTENSTION								
Pay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cost				
ASPHALT PAVEME	NT OPTION								
3049905	TYPE 5 AGGREGATE FOR BASE (8 IN. THICK)	25,890	SQYD		\$ -				
4019905	ASHPALT PAVEMENT OPTION	20,533.6	SQYD		\$ -				
	SU	BTOTAL ASPI	HALT PAVEN	IENT OPTION:	s -				
CONCRETE PAVEM	ENT 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: \$	- 1
SUBTOTAL PAGE 2: \$	-
SUBTOTAL ASPHALT OR CONCTRETE PAVEMENT OPTION: \$	-
TOTAL CONSTRUCTION: \$	-

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JSP-2



4.0 Method of Measurement. "Curb and Gutter (Type ST-2)" completed shall be include all labor, equipment, subgrade preparation, incidental's, materials, etc. necessary to install.

5.0 Basis of Payment. Payment for ""Curb and Gutter (Type ST-2)" will be measured and paid per linear foot at the contract unit bid price.



WW. Disposal of Excess or Unsuitable Material

Before removing and/or hauling any excess or unsuitable fill material away from the project limits, the contractor must provide the engineer with an approved grading permit issued by the appropriate county were the material will be disposed. a copy of their approved Greene County Grading Permit in order to identify where the material will be disposed of. Additionally, the contactor must furnish the engineer with a signed copy of an approved Waste Disposal Agreement executed between the property owner and the contractor. In the event that the contractor should encounter any asbestos containing materials or other hazardous waste within the project limits, it shall be the responsibility of the contractor to dispose of those materials in a manner that complies fully with the Missouri Department of Natural Resources. If abatement is necessary, the contractor shall provide a certified contractor supervisor and a licensed abatement contractor to perform the abatement work.

Greene County currently has no plans or locations identified for use to accept excess material. A Contractor proposal could be accepted, post contract award, to use property owned by Greene County as a disposal location. Any Contractor proposal to use property owned by Greene County would require Commission approval and <u>may</u> include stipulations on placement of excess material.

XX. <u>Clearing and Grubbing – Timber Mulch</u>

1.0 Scope. This work shall include all labor and equipment necessary for the Contractor to mulch tree clearing material for utilization as erosion control material.

2.0 Materials. Timber mulch shall conform to the Missouri Standard Specifications for Highway Construction Division 800 Roadside Development.

3.0 Execution. Contractor shall stockpile mulch within the project limits for utilization as erosion control material. Carefully install Mulch Berm as indicated on the plans and at locations designated by Engineer. Contractor shall verify the placement for installation of Mulch Berm.

4.0 Basis of Payment. No direct pay shall be provided for any labor, equipment, time, or materials necessary to complete this work. Pay for Clearing and Grubbing – Timber Mulch shall be included as part of the Contract bid item, Clearing and Grubbing.

YY. Pavements

1.0 Description. This work shall consist of a pavement composed of either Portland cement concrete or asphaltic concrete constructed on a prepared subgrade. This work shall be performed in accordance with the standard specifications and as shown on the plans or established by the engineer.

2.0 Staking of Right of Way. Contractor shall stake the limits of right of way and all easements shown in the plans after receiving Notice to Proceed and prior to commencing any project work.

HHH.Plant Mix Bituminous Pavement

1.0 Description. Hot mix asphalt shall be used which will meet all the requirements of Sec. 401 of the MHTC Standard Specifications. Aggregate Gradation for BP-2 mix as outlined in Sec. 401 of the MHTC Standard Specifications shall be used. The accepted quantity of plant mix bituminous pavement will be paid for at the contract unit price for each of the pay items included in the contract.

2.0 Performance. Hot mix asphalt shall comply with MoDOT Section 401

III. <u>Tolerances in Pavement Thickness</u>

1.0 Description. It is the intent of these specifications that the plant mix bituminous surface course shall be constructed strictly in accordance with the thickness shown on the plans. The total thickness of both the plant mix bituminous surface course and the plant mix bituminous base course will be measured, and where the total thickness is found to be deficient, corrective actions will be taken as indicated hereinafter. The total combined thickness of the bituminous surface course and the bituminous base course will be measured and determined by average caliper measurement of cores. Determination of constructed thickness shall be determined by obtaining ten (10) cores per mile will be taken at random intervals in each traffic lane. In addition, cores may be taken at other locations as may be determined by the Engineer. If the measurement of any core is greater than one-half (1/2) inch from the plan thickness, additional cores will be taken at twenty-five (25) foot intervals parallel to centerline ahead and back of the affected location until the extent of the deficiency has been determined. It will be assumed that each core is representative of the total combined thickness for a distance extending one-half the distance to the next core, measured along centerline, or in the case of a beginning or ending core, the distance will extend to the end of the pavement section.

In those areas of deficient thickness greater than one-half (1/2) inch that cannot be corrected without affecting the plan crown and grade, the Greene County Highway Department has the option of requiring removal of the entire bituminous pavement and replacing it with bituminous base course and bituminous surface course of proper thickness or leaving the bituminous pavement in place and requiring the following deductions in payment.

Deficiency in Thickness	Deduction Percent of Contract Unit Price
0 inch to 1/2 inch	None
Over 1/2 inch and not over 3/4 inch	50
Over 3/4 inch and not over 1 inch	100

2.0 Basis of Payment. No additional compensation will be provided to the contractor for any plant mix bituminous pavement constructed in excess of the thickness requirements of the plans and specifications. The surface from which the cores have been taken shall be restored by the contractor within 48 hours using a mixture acceptable to the Engineer.

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

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.

NNN. Blasting Requirements

2

1.0 Description. The following requirements supplement standard specifications 107.7 and 203.4:

No blasting shall be done within three hundred fifty (350) feet of a building, residential or other structure, railway, or highway, utility, water well or any other installation until a pre-blast survey has been completed and a report stating the precautions to be taken to minimize earth vibrations and air blast effects has been submitted.

No blasting shall be done within five hundred (500) feet of a cave, spring, or designated historic site unless approved in writing by the Administrator.

The blaster shall be responsible for conducting pre-blast surveys where required. The pre-blast survey shall consist of photographic, video tape, and written descriptions of existing conditions of the structure or other property or utility surveyed. Any cracks or other visible defects in walls, chimneys, foundations, sidewalks, settlement of utility trenches, etc., shall be noted. The objective is to document pertinent conditions that may potentially be affected by or attributed to the blasting operations.

BIDDER CHECKLIST FINAL CHECKLIST BEFORE SUBMITTING BID

- Submit completed Contractor Questionnaire and/or Contractor Prequalification Questionnaire with attachments not later than seven (7) days prior to the date and hour of the bid opening. See Secs 101-103 of the Standard Specifications, and Rule 7 CSR 10-15.900, "Prequalifications to Bid of Certain Contractors". Questionnaire and Contact information are provided on MoDOT's website. (if applicable required on highway and bridge projects).
- 2. For submittal of paper bids, the complete set of bidding documents includes all information through the DBE forms (for DBE forms see #7). The Technical Specifications/Job Special Provisions are for the bidder's information only and is not to be returned with the bid.
- 3. If submitting the bid by mail, it is to be completed, executed, and submitted in a sealed envelope addressed to "Greene County Highway Department, Purchasing Coordinator, 2065 N. Clifton Ave., Springfield, MO 65803." Provide the vendor name, vendor address, vendor number, project name, county bid number and county project number on the outside of the envelope.
- 4. Please read all items in the bidding document carefully. Complete all items in ink or by typing in the information.
- 5. Sign this bidding document properly. **Bid documents to be signed are included in the Notice to Contractors Section, Page 6.** If submitted in the name of a firm or corporation, the legal name of the firm or corporation should appear in the space designated and be signed for by one or more persons legally qualified to execute papers in the name of said firm or corporation. Affix Corporate Seal if the Bidder is a Corporation. **Indicate in the Notice to Contractors, Page 7, Section 21, the Acceptance of the Provision for the Asphalt Price Index.**
 - 6. Submit the provided bid bond executed by bidder and surety or attach cashier's check to the bid bond form.
 - 7. Submit the DBE Submittal Forms within 3 business days of the Bid Opening. The DBE Identification Submittal From (located in the Contract Documents section of this document) must be submitted for each DBE to be utilized on the project.
 - 8. Submit the provided Anti-Collusion Statement with the Bid.
 - 9. Staple addenda to the bid in the appropriate part of the bid. The letter accompanying the addenda should be stapled to the inside of the back cover of the bid and returned. The bidder should retain a duplicate copy.
 - 10. Successful Contactor must submit the E-Verify Affidavit of Compliance prior to Contract Award.

Below is a list of common mistakes made by bidders leading to bids being declared non-responsive. Please refer to the Standard Specifications for the appropriate procedures for completing and submitting a bid.

a) Not signing the bid

- b) Not incorporating the addendum into the bidding documents, including attaching the letter to the bid
- c) Not providing a bid bond
- d) Using pencil to fill out the bid
- e) Using white out to make corrections to the itemized bid sheets
- f) Not initialing changes made

All questions concerning the bid document preparation can be directed to the Greene County Highway Department at 417-831-3591. Project specific questions can be directed to Wayne Housley at 417-829-6518.

<u>Special Needs:</u> If you have special needs addressed by the Americans with Disabilities Act, please notify the Greene County Highway Department Purchasing Coordinator, at 417-831-3591 or through Missouri Relay System, TDD 1-800-735-2966, at least five (5) working days prior to the bid opening.