The City of Stillwater OKLAHOMA	#11-21/22 19TR04: 3rd Avenue Bridge over Boomer Creek	**City of Stillwater,** Oklahoma

ADDENDUM #1

Date: January 13, 2022

Please note the following information is provided for clarification to this Invitation for sealed Bids. **This addendum must be listed as Addendum #1 on Form #6** of the Bid package as verification that you have received and are aware of the information contained herein.

Corrections & Additions to the Contract Document: All revised or added items listed below and attached hereto are to be used/considered when submitting a bid.

- **Revised Bid Form (Schedule) is attached and is to be used when submitting bid.**
- **Contractor is to complete the Acknowledgement of Addendum and submit with completed Bid.**
- **Added & Revised Plan Sheets**

CLARIFICATIONS:

- **Pre-bid questions and planholders list are attached.**

TRAFFIC SIGNAL GENERAL CONSTRUCTION NOTES

(C-150) SYMBOLS AND LEGENDS ARE DIAGRAMMATIC ONLY AND LOCATIONS SHALL BE ADJUSTED FOR EXISTING FIELD CONDITIONS, BUT NO MAJOR ALTERATIONS OR RELOCATIONS WILL BE MADE WITHOUT FIRST CONSULTING WITH THE CITY OF STILLWATER TRAFFIC CONTROL AT (405) 880-4468.

⚠1 (C-151)

(C-152) ALL BROKEN CONCRETE, WASTE MATERIAL, AND DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN AN AREA APPROVED BY THE ENGINEER. NO PAYMENT WILL BE MADE FOR THE DISPOSAL OF THIS MATERIAL.

(C-155) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE HE MAY INFLICT TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF HIS DIGGING, TRENCHING, BORING, ETC.... PRIOR TO DIGGING NEAR THE UTILITIES, THE CONTRACTOR SHALL CALL FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION LISTED WITH THE FOLLOWING AGENCIES:
THE "OKIE" NOTIFICATION CENTER 811 OR (405)522-6543 OR WWW.CALLOKIE.COM OR THE LOCAL COUNTY CLERK'S OFFICE.

TRAFFIC SIGNAL PAY QUANTITY NOTES

(TL-35) FOR ADDITIONAL INFORMATION CONCERNING THE SERVICE POLE CONTACT THE FOLLOWING PRIOR TO INSTALLATION:
CITY OF STILLWATER POWER
PHONE (405) 742-8267

(TR-24) ALL TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL DELIVER SUCH REMOVED MATERIAL TO A CITY YARD OR SHOP AS DIRECTED BY THE ENGINEER. THE PRICE BID SHALL INCLUDE THE REMOVAL OF ALL FOOTINGS BELOW GROUND LEVEL OR AS DIRECTED BY THE ENGINEER. FOOTINGS TO BECOME THE PROPERTY OF THE CONTRACTOR.

(TC-25) ALL CONSTRUCTION TRAFFIC CONTROL WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS, AND INSTALLED IN A MANNER APPROVED BY THE ENGINEER. IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE D.D.O.T. STANDARD DRAWINGS. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS REQUIRED FOR COMPLETION OF THE PROJECT.

ALL SIGNS, BARRICADES, WHICH ARE SHOWN WITH TYPE 'A' LIGHTS IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.

(TP-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY. SEE THE 2009 SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

(1) POLYMER CONCRETE PULL BOXES SHALL BE USED.

(2) THE HAND HOLES AT THE BASE OF THE POLES SHALL BE PLACED AT 135 DEGREES CLOCKWISE FROM THE MAST ARMS IN ORDER TO AVOID CONFLICTS WITH THE PEDESTRIAN PUSH BUTTONS AND SIGNS BEING INSTALLED ON THIS PROJECT.

(3) THIS PAY ITEM IS TO BRING POWER TO THE CONTROLLER CABINET FROM THE SERVICE POLE.

(4) THE CABINET TO BE FURNISHED ON THIS PROJECT SHALL HAVE A BRONZE POWDER COAT FINISH AND THE CONTROLLER SHALL BE A VEHICLE ACTUATED SOLID STATE DIGITAL CONTROLLER(S) WITH VOLUME DENSITY FEATURES. THE CONTRACTOR SHALL FURNISH THE CONTROLLER(S) AND MOUNTING FRAMES AS FOLLOWS:

INTERSECTION	TYPE	CONFLICT & USER FLASH
3RD ST. & PERKINS RD.	8P	ALL RED

THE CONTROLLER(S) WITH 2P - 4P CAPABILITY SHALL BE FURNISHED WITH 8 LOAD RECEPTACLE BAYS. CONTROLLER(S) WITH 5P - 8P CAPABILITY SHALL BE FURNISHED WITH 16 LOAD SWITCH RECEPTACLE BAYS. ALL CORRESPONDING RECEPTACLE WIRING IN THE CABINET AND FIELD WIRING SHALL BE INSTALLED FOR THE CONTROLLER AS REQUIRED EXCEPT FOR ADDITIONAL DETECTOR CONNECTING CABLES WHEN THE CONTROLLER IS EXPANDED. THE CONTROLLER(S) SHALL BE CAPABLE OF PERFORMING AS SHOWN ON PHASE & SEQUENCE DIAGRAMS. PEDESTRIAN ISOLATION SHALL BE PROVIDED IN THE CONTROLLER CABINET. ALL N.E.M.A. FUNCTIONS SHALL TERMINATE IN THE CONTROLLER CABINET.

CABINET SHALL HAVE A 120V RECEPTACLE INSTALLED INSIDE OF THE CABINET IN ADDITION TO OR IN LIEU OF A RECEPTACLE INSTALLED ON THE DOOR. ALSO, ALL CABINETS THAT ARE TO BE INSTALLED IN A SIGNAL INTERCONNECT SYSTEM SHALL HAVE A PULL-OUT COMPUTER SHELF AND DRAWER INSTALLED FOR LAPTOP USE AT THE CONTROLLER CABINET.

THE CONTROLLER SHALL BE AN ECONOLITE COBALT CONTROLLER WITH ETHERNET MODULE. THE CONTROLLER SHALL HAVE A, B, C AND D CONNECTORS.

THE CABINET SHALL BE A NEMA TS2 TYPE 2 CABINET AND SHALL BE POWDER COATED BRONZE.

AN ETHERNET SWITCH MANUFACTURED BY KYLAND-USA (PART NO. SICOM-3170-2X-GE-7T) SHALL BE FURNISHED AND INSTALLED. ALL SFP PORTS SHALL BE PROVIDED WITH RJ-45 10/100/1000TX MODULES.

(5) THE CONFLICT MONITOR SHALL BE AN ECONOLITE OR EDI MODEL MMU2-16LEIP WITH ETHERNET PORT AND GRAPHIC INFORMATION DISPLAY.

(6) THE CABINET SHALL BE EQUIPPED WITH A CONTINUOUS POWER UNIT. THIS UNIT SHALL BE AN ALPHA TECHNOLOGIES STAND-ALONE UPS SYSTEM INCLUDING THE FOLLOWING ITEMS:

A. 017-230-23, FXM1100 UPS WITH SNMP CARD, 1100W/VA
B. 026-053-24, AOES6 ENCLOSURE WITH GENERATOR OPTION, UATS, BP, BCK, LRI, AG
C. FOUR 181-230-10, ALPHACELL 195GXL PREMIUM GEL BATTERY, 12V,100AH, TOP TERMINAL
D. THE UPS CABINET SHALL BE POWDER COATED BRONZE.

(7) THIS PROJECT INVOLVES THE INSTALLATION OF A VIDEO VEHICLE DETECTION SYSTEM. THEREFORE, THE CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:

A. AN ECONOLITE AUTOSCOPE VISION 8 CHANNEL PROCESSOR VEHICLE DETECTION SYSTEM INCLUDING ALL NECESSARY CABLES, HARNESSES, MATERIALS, FITTINGS AND MISCELLANEOUS COMPONENTS NECESSARY TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM AT ONE (1) INTERSECTION.

B. FOUR (4) CAMERAS.

C. MODEMS AND CABLES SHALL BE FURNISHED AND INSTALLED TO ALLOW REMOTE DETECTOR SET UP AND RETRIEVAL OF DATA IN THE DETECTION UNIT.

D. HARNESSES TO CONNECT AND OPERATE THE NEW SYSTEM IN THE LOCAL MAINTAINING AGENCY OFFICE.

E. VIDEO POWER CABLE SHALL BE AS PER THE MANUFACTURER SPECIFICATIONS.

(8) CONTRACTOR SHALL PROVIDE POLARA 2-WIRE NAVIGATOR ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON OR APPROVED EQUAL. R10-3E PEDESTRIAN PUSH BUTTON SIGNS SHALL BE USED.

(9) RED, YELLOW AND GREEN LED TRAFFIC SIGNAL HEADS SHALL BE FURNISHED AND INSTALLED ON THIS PROJECT. THE LED TRAFFIC MODULES, LENSES, AND ALL ASSOCIATED MATERIAL AND EQUIPMENT SHALL CONFORM TO I.T.E. VEHICLE TRAFFIC CONTROL SIGNAL HEAD (VTCSH) STANDARDS IN EFFECT AT THE TIME THAT THE ORDER IS PLACED. LED HEADS SHALL BE CAPABLE OF OPERATING WITHOUT A REFLECTOR.

LED HEADS SHALL HAVE AN "INCANDESCENT LOOK".

(10) LED INTERNATIONAL HEADS DISPLAYING INCANDESCENT LOOKING FULLY-ILLUMINATED SYMBOLS (WALKING PERSON AND UPRAISED HAND) SHALL BE REQUIRED ON THIS PROJECT.

THE PEDESTRIAN HEADS SHALL ALSO BE COUNTDOWN TYPE HEADS.

PEDESTRIAN HEADS SHALL BE FURNISHED WITH "HONEYCOMB" TYPE VISORS.

(11) PAY ITEM INCLUDES THE RUNS FROM THE PEDESTRIAN PUSH BUTTONS TO THE TERMINAL STRIP AT THE BASE OF THE POLES.

(12) THE EMERGENCY PREEMPTION CONTROL SYSTEM TO BE FURNISHED SHALL BE AN EMTRAC GPS/RADIO BASED SYSTEM THAT IS COMPATIBLE WITH THE SYSTEM CURRENTLY IN USE IN THE CITY OF STILLWATER..

(15) THE CONTROLLER CABINET SHALL BE MOUNTED ON A 24" POLYMER CONCRETE RISER. THE COST OF THE RISER SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM AND SHALL INCLUDE ALL EQUIPMENT AND LABOR NECESSARY FOR PROPER INSTALLATION.

(18) ALL MAST ARM POLES SHALL BE FURNISHED WITH AN INTEGRATED TERMINAL COMPARTMENT (HAND HOLE AND COVER) MANUFACTURED BY PELCO PRODUCTS OR APPROVED EQUAL.

ALL SIGNAL POLES AND MAST ARMS SHALL BE ROUND IN SHAPE. OCTAGONAL AND OTHER MULTI-SIDED SHAPES ARE NOT ACCEPTABLE.

ALL MAST ARM POLES ARE TO COMPLY WITH CURRENT ODOT STANDARDS. ALL POLES AND ARMS AND PEDESTAL POLES AND BASES ARE TO BE POWDER COATED BRONZE.

(19) AN ABB BRAND TROPOS ROUTER MODEL 6420300OGX WITH INTERNAL PS064001 BATTERY/POWER SUPPLY WITH GATEWAY PLATE OPTION SHALL BE FURNISHED BUT NOT INSTALLED BY THE CONTRACTOR. TWO TRANSTECTOR ALPU-F140 SURGE PROTECTORS SHALL ALSO BE FURNISHED BUT NOT INSTALLED BY THE CONTRACTOR. THESE ITEMS WILL BE CONFIGURED, PROVISIONED, AND INSTALLED BY CITY FORCES. THE CITY SHALL FURNISH THE CATSE CABLE AND OTHER MISCELLANEOUS ITEMS NECESSARY TO INSTALL THIS WI-FI COMMUNICATIONS NODE.

(20) THE NORTH/SOUTH PUSH BUTTONS (4) SHALL BE FACTORY PROGRAMMED WITH THE FOLLOWING VERBAL MESSAGES:
DURING FLASHING DON'T WALK AND STEADY DON'T WALK-
"WAIT TO CROSS 3RD AVENUE AT PERKINS ROAD"
DURING WALK-
"3RD AVENUE - WALK SIGN IS ON TO CROSS 3RD AVENUE"
THE EAST/WEST PUSH BUTTONS (4) SHALL BE FACTORY PROGRAMMED WITH THE FOLLOWING VERBAL MESSAGES:
DURING FLASHING DON'T WALK AND STEADY DON'T WALK-
"WAIT TO CROSS PERKINS ROAD AT 3RD AVENUE"
DURING WALK-
"PERKINS ROAD - WALK SIGN IS ON TO CROSS PERKINS ROAD"

(21) BICYCLE VIDEO DETECTION IS TO BE PROVIDED FOR THE EASTBOUND BIKE LANE APPROACH AS SOWN ON THE PLAN SHEET. DETECTION SHALL BE "MIGMABICYCLE" FROM MIGMA SYSTEMS (STEREO CAMERA) OR "TRAFISENSE PED" FROM FLIR SYSTEMS (INFRARED CAMERA). SYSTEM SELECTION SHALL BE MADE BY THE CITY BASED ON COST AND OTHER FACTORS.

(22) THE LUMINAIRES TO BE INSTALLED ON THIS PROJECT SHALL BE LED MONGOOSE FIXTURES MANUFACTURED BY HOLOPHANE. MODEL NUMBER MGLED-6-5K-AS-M-L-H-G OR AN APPROVED EQUAL.

THE COLOR OF THE FIXTURE IS TO BE BRONZE.

(23) THE CCTV CAMERA TO BE INSTALLED ON THIS PROJECT SHALL BE A WIRELESS TECHNOLOGY, INC. VIPER SIDEWINDER VS720-H.264-HD30L-POE-R WITH POE INJECTOR. ALL MOUNTING BRACKETS, AND INSTALLED WITH CAT5 SHIELDED CABLE.

(24) THIS PAY ITEM IS TO INCLUDE AN APPLIED INFORMATION SUPERVISORY SYSTEM, MODEL AI-500-080, SERIES FMU2, 19" RACK FIELD MONITORING UNIT.

TRAFFIC PAY QUANTITIES

3rd Ave. & Perkins Rd. / Stillwater

0300 TRAFFIC

ITEM	DESCRIPTION		UNIT	TOTAL
802(B) 8342	2" PVC SCH. 40 PLASTIC CONDUIT TRENCHED		LF	65
802(C) 8553	3" HIGH DENSITY PE PIPE BORED		LF	235
802(B) 8346	3" PVC SCH. 40 PLASTIC CONDUIT TRENCHED		LF	30
803(A) 8065	PULL BOX (SIZE I)	(1)	EA	3
803(A) 8066	PULL BOX (SIZE II)	(1)	EA	1
804(A) 2915	STRUCTURAL CONCRETE		CY	18.9
804(B) 2916	REINFORCING STEEL		LB	2768
805(A) 8726	(PL) REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	(TR-24)	LSUM	1
806(A) 8726	POLE & 25' TS MST. ARM (G.STL.)	(2,18)	EA	1
806(A) 8350	32' MH POLE, 30' TS & 10' LMA (G.STL.)	(2,18)	EA	1
806(A) 8312	32' MH POLE 40' TS & 10' LMA (G.STL.)	(2,18)	EA	2
806(B) 8894	10' MTG. HT. TS PED. POLE (G.STL.)	(18)	EA	2
809(A) 8090	ROADWAY LUMINAIRE	(22)	EA	3
810(A) 3118	SERVICE POLE	(TL-35)	EA	1
811 8040	1/C NO. 6 ELECTRICAL CONDUCTOR	(TP-1)(3)	LF	200
811 8044	1/C NO. 10 ELECTRICAL CONDUCTOR	(TP-1)	LF	800
815(B) 8610	(SP)CCTV CAMERA, PAN-TILT-ZOOM	(23)	EA	1
825 8550	TRAFFIC SIGNAL CONTROLLER ASSEMBLY	(4,5,6,12,15,19,24)	EA	1
828 8132	(PL)DETECTION SYSTEM (VIDEO)	(7)	LSUM	1
830 8000	PEDESTRIAN PUSH BUTTON	(8,20)	EA	8
831 8231	1WAY 3SEC. ADJ. SIG. HD. S-6	(9)	EA	8
831 8280	1WAY 4SEC. ADJ. SIG. HD. S-13	(9)	EA	2
831 8295	1WAY 2SEC. ADJ. PED. SIG. HD. S-20	(10)	EA	8
833 3030	BACKPLATE		EA	10
834(A) 8207	5/C TRAFFIC SIGNAL ELECTRICAL CABLE	(TP-1)	LF	1190
834(A) 8208	7/C TRAFFIC SIGNAL ELECTRICAL CABLE	(TP-1)	LF	140
834(A) 8213	21/C TRAFFIC SIGNAL ELECTRICAL CABLE	(TP-1)	LF	470
834(B) 8220	2/C SHIELDED LOOP DETECTOR LEAD-IN CABLE	(TP-1)(11)	LF	50
850(C) 8118	MAST ARM MOUNTED SIGNS (ALUMINUM)		SF	74.5
880(J) 8905	CONSTRUCTION TRAFFIC CONTROL	(TC-25)	LSUM	1
890 7700	(PL) TRAFFIC ITEMS	(21)	LSUM	1

Jon Eshelman
JON H. ESHELMAN, P.E. # 10253
C.A. # 1160, RENEWAL 06-30-21
3/26/20
DATE
Traffic Engineering Consultants, Inc.
6931 S. 66th E. Ave., Suite 100 - Tulsa, OK 74133,
Ph: 918-481-8484, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER — JON H. ESHELMAN — 10253 — OKLAHOMA

NO.	DATE	DESCRIPTION OF REVISION OR ISSUE	BY	APP'D.
⚠1	01/13/22	DELETED NOTE	DP	

TEC A CLEAR DIRECTION
Traffic Engineering Consultants, Inc.
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The City of Stillwater OKLAHOMA

PROJECT: E. 3rd AVE. & PERKINS RD. (U.S. 177)

DESIGNED BY:	JHE
DRAWN BY:	GDB
CHECKED BY:	JHE
APPROVED BY:	

DATE	03-25-2020
SCALE	N/A
PROJECT NUMBER	
SHEET	SIGNAL PQ / GN
REV	
SHEET	5 OF 49 SHEETS

03-25-2020 G:\DIProjects\TO-665 3rd & Perkins Signal\CAD\QUANT.dgn

Schedule 1: Project #19TR04 – 3rd Ave Bridge Over Boomer Creek

Item No.	Spec. No.	Description	Unit	Quantity	Unit Cost	Item Total
01	201(A)	CLEARING AND GRUBBING	LSUM	1	$	$
02	202(A)	UNCLASSIFIED EXCAVATION	CY	500	$	$
03	202(D)	UNCLASSIFIED BORROW	CY	900	$	$
04	205(A)	TYPE A - SALVAGED TOPSOIL	LSUM	1	$	$
05	221(B)	TEMPORARY SILT FENCE	LF	780	$	$
06	221(E)	TEMPORARY SILT DIKE	LF	200	$	$
07	221(F)	TEMPORARY ROCK FILTER DAM TYPE 4	CY	22	$	$
08	230(A)	SOLID SLAB SODDING	SY	200	$	$
09	303(A)	AGGREGATE BASE TYPE A	CY	370	$	$
10	310(B)	SUBGRADE, METHOD B	SY	1261	$	$
11	325	SEPARATOR FABRIC	SY	1685	$	$

12	402(E)	TRAFFIC BOUND SURFACE COURSE TYPE E	TON	50	$	$
13	411(B)	SUPERPAVE , TYPE S3 (PG 70-28 OK)	TON	28	$	$
14	411(C)	SUPERPAVE, TYPE S4 (PG 70-28 OK)	TON	12	$	$
15	414(B)	DOWEL JOINTED P.C.C. PAVT. (PLACEMENT)	SY	992	$	$
16	414(G)	P.C. CONCRETE FOR PAVEMENT	CY	248	$	$
17	501(G)	CLSM BACKFILL	CY	10	$	$
18	601(A)	TYPE I PLAIN RIPRAP	TON	15	$	$
19	609(A)	CONCRETE CURB (6" BARRIER - INTEGRAL)	LF	500	$	$
20	610(A)	4" CONCRETE SIDEWALK	SY	286	$	$
21	610(B)	8" CONCRETE DRIVEWAY	SY	157	$	$
22	610(I)	TACTILE WARNING DEVICE - NEW	SF	91	$	$
23	611(G)	INLET CI DES. 2(STD)	EA	1	$	$
24	611(G)	INLET (SMD-TYPE 1)	EA	3	$	$

25	613(A)	18" R.C. PIPE CLASS III	LF	168	$	$
26	613(EE)	(SP) 15" CORRUGATED POLYPROPYLENE PIPE	LF	90	$	$
27	613(J)	EDGE DRAIN CONDUIT - PERFORATED	LF	450	$	$
28	613(K)	EDGE DRAIN OUTLET LATERAL - NONPERFORATED	LF	35	$	$
29	613(L)	18" PREFAB. CULVERT END SECTION, ROUND	EA	2	$	$
30	616(F)	METER INSTALLATION 1"	EA	1	$	$
31	616(M)	30" WELDED STEEL CONDUIT (TRENCHED)	LF	85	$	$
32	619(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LSUM	1	$	$
33	619(B)	REMOVAL OF CURB AND GUTTER	LF	474	$	$
34	619(B)	REMOVAL OF CONCRETE PAVEMENT	SY	870	$	$
35	619(B)	REMOVAL OF ASPHALT PAVEMENT	SY	75	$	$
36	619(B)	REMOVAL OF DRAINAGE INLETS	EA	2	$	$
37	619(B)	REMOVAL OF CONCRETE DRIVEWAY	SY	192	$	$
38	619(B)	REMOVAL OF GUARDRAIL	LF	128	$	$

39	619(B)	REMOVAL OF SIDEWALK	SY	202	$	$
40	619(B)	REMOVAL OF EXISTING PIPE	LF	166	$	$
41	619(C)	SAWING PAVEMENT	LF	210	$	$
42	623(A)	BEAM GUARDRAIL W-BEAM SINGLE	LF	400	$	$
43	SPECIAL	SANITARY SEWER BYPASS	DAY	30	$	$
44	SPECIAL	ACCESSIBILITY RAMP	EA	13	$	$
45	850(A)	SHEET ALUMINUM SIGNS	SF	25.75	$	$
46	851(C)	1-3/4" SQUARE TUBE POST	LF	96	$	$
47	851(C)	2" SQUARE TUBE POST	LF	10	$	$
48	855(A)	TRAFFIC STRIPE (PLASTIC) (4" WIDE)	LF	640	$	$
49	855(A)	TRAFFIC STRIPE (PLASTIC) (6" WIDE)	LF	522	$	$
50	855(A)	TRAFFIC STRIPE (PLASTIC) (8" WIDE)	LF	50	$	$
51	855(A)	TRAFFIC STRIPE (PLASTIC) (24" WIDE)	LF	490	$	$
52	855(B)	TRAFFIC STRIPE (PLASTIC)(ARROWS)	EA	2	$	$

53	855(B)	TRAFFIC STRIPE (PLASTIC)(WORDS)	EA	1	$	$
54	855(B)	TRAFFIC STRIPE (PLASTIC)(SYMBO LS)	EA	5	$	$
55	871(B)	CONST. ZONE IMPACT ATTEN.	SD	240	$	$
56	877(B)	DELIVER PORTABLE LONGITUDINAL BARRIER	LF	250	$	$
57	880(J)	CONSTRUCTION TRAFFIC CONTROL	LSUM	1	$	$
58	642(B)	CONSTRUCTION STAKING LEVEL II	LSUM	1	$	$
59	220	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1	$	$
60	641	MOBILIZATION	LSUM	1	$	$
61	501(B)	SUBSTRUCTURE EXCAVATION COMMON	CY	240	$	$
62	501(F)	GRANULAR BACKFILL	CY	130	$	$
63	504(A)	APPROACH SLAB	SY	201.5	$	$
64	504(B)	SAW-CUT GROOVING	SY	804.1	$	$
65	504(C)	EXPANSION DEVICE	LF	11.4	$	$

66	504(C)	SEALED EXPANSION JOINT	LF	50	$	$
67	504(E)	CONCRETE PARAPET	LF	295.8	$	$
68	506(A)	STRUCTURAL STEEL	LB	99,350	$	$
69	507(A)	WEATHERING STEEL FIXED BARRING ASSEMBLY	EA	6	$	$
70	507(B)	WEATHERING STL. EXP. BEARING ASSEMBLY	EA	18	$	$
71	509(A)	CLASS AA CONCRETE	CY	235.4	$	$
72	509(B)	CLASS A CONCRETE	CY	154.6	$	$
73	510(A)	RETAINAING WALL	SY	19.2	$	$
74	511(A)	REINFORCING STEEL	LB	83,490	$	$
75	514(A)	PILES, FURNISHED (HP 10X42)	LF	396	$	$
76	514(A)	PILES, FURNISHED (HP 12X53)	LF	825	$	$
77	514(B)	PILES, DRIVEN (HP 10X42)	LF	396	$	$
78	514(B)	PILES, DRIVEN (HP 12X53)	LF	825	$	$
79	514(L)	PILES SPLICE, H-PILE (NON BIDDABLE)	EA	1	$	$

80	516(A)	DRILLED SHAFTS 42” DIAMETER	LF	271.5	$	$
81	613(H)	6” PERFORATED PIPE UNDERDRAIN ROUND	LF	127	$	$
82	613(I)	6” NON-PERF. PIPE UNDERDRAIN RND.	LF	60	$	$
83	619(D)	REMOVAL OF EXISTING BRIDGE STRUCTURE	LSUM	1	$	$
84	802(B)	2" PVC SCH. 40 PLASTIC CONDUIT TRENCHED	LF	65	$	$
85	802(C)	3" HIGH DENSITY PE PIPE BORED	LF	235	$	$
86	802(B)	3" PVC SCH. 40 PLASTIC CONDUIT TRENCHED	LF	30	$	$
87	803(A)	PULL BOX (SIZE I)	EA	3	$	$
88	803(A)	PULL BOX (SIZE II)	EA	1	$	$
89	804(A)	STRUCTURAL CONCRETE	CY	18.9	$	$
90	804(B)	REINFORCING STEEL	LB	2768	$	$
91	805(A)	(PL) REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	LSUM	1	$	$
92	806(A)	POLE & 25' TS MST. ARM (G.STL.)	EA	1	$	$

93	806(A)	32' MH POLE, 30' TS & 10' LMA (G.STL.)	EA	1	$	$
94	806(A)	32' MH POLE, 40' TS & 10' LMA (G.STL.)	EA	2	$	$
95	806(B)	10’ MTG. HT. TS PED. POLE (G.STL.)	EA	2	$	$
96	809(A)	ROADWAY LUMINAIRE	EA	3	$	$
97	810(A)	SERVICE POLE	EA	1	$	$
98	811	1/C NO. 6 ELECTRICAL CONDUCTOR	LF	200	$	$
99	811	1/C NO. 10 ELECTRICAL CONDUCTOR	LF	800	$	$
100	815(B)	(SP)CCTV CAMERA, PAN-TILT-ZOOM	EA	1	$	$
101	825	TRAFFIC SIGNAL CONTROLLER ASSEMBLY	EA	1	$	$
102	828	(PL)DETECTION SYSTEM (VIDEO)	LSUM	1	$	$
103	830	PEDESTRIAN PUSH BUTTON	EA	8	$	$
104	831	1WAY 3SEC. ADJ. SIG. HD. S-6	EA	8	$	$
	831	1WAY 4SEC. ADJ. SIG. HD. S-13	EA	2	$	$

105						
106	831	1WAY 2SEC. ADJ. PED. SIG. HD. S-20	EA	8	$	$
107	833	BACKPLATE	EA	10	$	$
108	834(A)	5/C TRAFFIC SIGNAL ELECTRICAL CABLE	LF	1190	$	$
109	834(A)	7/C TRAFFIC SIGNAL ELECTRICAL CABLE	LF	140	$	$
110	834(A)	21/C TRAFFIC SIGNAL ELECTRICAL CABLE	LF	470	$	$
111	834(B)	2/C SHIELDED LOOP DETECTOR LEAD-IN CABLE	LF	50	$	$
112	850(C)	MAST ARM MOUNTED SIGNS (ALUMINUM)	SF	74.5	$	$
113	880(J)	CONSTRUCTION TRAFFIC CONTROL	LSUM	1	$	$
114	890	(PL) TRAFFIC ITEMS	LSUM	1	$	$
	Total Bid Amount – Schedule 1					**$**

		PROJECT: **19TR04 3rd St Bridge Over Boomer Creek**		
Comment No.	**Sheet No.**	**Comment**	**Comment**	**By**
1	5	There is a note on Sheet 5 of the 3rd street plans that said the road must be kept open. Is this correct?	No, 3rd street will be closed during construction. This note has been removed from the plans and the new sheet will be reissued in the addendum.	BKL
2		Would it be acceptable to pour the whole deck all at once instead of in 3 separate pours currently in the plans?	No, the deck shall be poured in 3 separate pours.	White Eng
3		What is the plan for the utilities, powerlines, siren, street light, temporary traffic signal, etc. on the 3rd Street Bridge over Boomer Creek?	Contractor is to maintain an operational signalized intersection during construction. City of Stillwater Traffic Control can assit when transfering from existing system to new system.	City of Stillwater
4	38 & 39	Are there dowels in the construction joints of the concrete labeled reinforced concrete? In other words will there be dowels in between the rebars at the construction joints?	Yes, the reinforced panel will be doweled to the surrounding panels.	BKL

		PROJECT: **19TR05 Husband St Bridge Over Boomer Creek**		
Comment No.	**Sheet No.**	**Comment**	**Comment**	**By**
1	13-17	The plans sheets #13-17 for the bridge have project # 14TR03D-T.O.3 and the front cover has # 19TR05-T.O.3.	The project number has been updated on the sheets and will be issued in the addendum.	BKL
2	2	The bridge parapet sheets are showing different than the typical on sheet.	The parapet on the typical section has been updated to match the bridge parapet sheet and will be shown in the addendum.	BKL
3	GEN	Will White Engineering review and approve the proposed precast modular bridge structure?	BKL will provide design details for the beams in the addendum and will approve any proposed alternative.	BKL
4	4	The bridge pay items have no notes attached, BR-1, BR-2, BR-3, as is standard. Will all the items be paid to plan qty or will they be actual qty used?	Bridge notes will be attached to the pay items and will be issued in the addendum.	BKL

Comment No.	Sheet No.	Comment	Comment	By
5	9 & 11	Sheet 9 list the bridge as BRIDGE A, with BOP at 101+50.00 and EOP at 105+50.00. 8.Sheet 11 list the bridge as BRIDGE B, with BOP at 104+63.34 and EOP at 105+13.07 with a “W-line” going down center of Husband from north side of bridge to center of Section 11. Please explain.	The BOP and EOP on sheet 9 is correct. The Bridge B call out, on sheet 11, is a typo and will be corrected in the addendum. The BOP & EOP listed on sheet 11 is for the waterline replacement and will be clarified in the addendum.	BKL
6	2,18,19	Sheet 2 calls the railing as “concrete railing”. Sheet4 has pay item as “concrete parapet”. Sheet 13 has “concrete parapet” for abutment. Sheet 15 has note to see sheet 16 for parapet openings and sheet 19 for details. Sheet 16 shows additional parapet information and says to see sheet 19 for additional. Sheet 18 refers to see ODOT Standard TR4-2 for additional details for traffic rail. Sheet 19 is joint layout and has not traffic rail info. What type and design of wall does City of Stillwater want?	On sheet 2 "concrete railing" has been changed to "concrete parapet". On sheet 18 the "See ODOT TR4-2 Detail" has been changed to "See sheet 19 for Details". All changes will be shown in the addendum.	BKL
7	4	Dowel placement and 8,000 lbs. of reinforcing steel not identified?	Bridge quantities have been updated and dowel placement details have been added in the addendum.	BKL
8	17A	1.5” Camber is listed but Precast does not camber?	This detail will be removed in the addendum.	BKL
9	18	Are there joint details around abutments?	This joint is shown on sheet 18.	BKL
10	9	Will the powerline on the west side of Husband Street be relocated? The power pole on the south side might be compromised by the excavation for the abutments.	Stillwater Electric will either support or relocagte the pole.	City of Stillwater
11	2 & 9	Is there a pay item and detail for Sidewalk Ramp Special?	Ramps have been labeled on sheet 9 and they will be constructed per ODOT specs. These will be shown in the addendum.	BKL
12	GEN	Will the Engineer’s Estimate be made available to the contractors?	No.	BKL
13	2	What station is the reinforced concrete located at. This question is in regards to pay item 414c.	Pay item 414(C) CONT. REINF PCC PAVEMENT (PLACEMENT) is for the pavement construction over the bridge structure. We will clarify this in the addendum.	BKL
14	GEN	Is there a preference on which debonding agent to use?	No.	BKL

Attendance Roster

19TR04 & 19TR05 PreBid Meeting

January 6, 2022

	Name	Company	Contact info (email/phone)
1	Jayde Dzierba	BKL	dzierba@bklinc.com
2	Daniel Polasek	BKL	polasek@bklinc.com
3	Stacy Loeffler	BKL	loefflere@bklinc.com
4	Neil Drews	Coreslab (Tulsa)	ndrews@coreslab.com
5	Mark E. Wiley	OBC Inc	mwiley@obcinc.biz
6	Bill Mills	COS	
7	Jason Mayes	Lopp Construction	jason@loppconstruction.com 405-714-4396
8	Patrick Rother	Haskell Lemon	prother@haskelllemon.com 405 706-0078
9	Bill Anderson II	RRY Services LLC	Prese Railroadyard.com 405-747-1655
10	Mike Anderson	RRY Services, LLC	mike@railroadyard.com 580-628-1540
11	Joseph Ball	Gelino CCC	OKIAHOMAJOE1985@GMAIL 405 747 4700
12	W.E. Dollins	RRY Services	scrub@railroadyard.com 405-612-9003
13	Sarah Kellert	Contech Engineered Solutions	skellert@conteches.com (918) 706-7792
14	Jack Knox	C-P Integrated Services	JKnox@CPIOKC.com 405-496-5656
15	Gary Quinonez	Central Bridge Company	gquinonez@centralbridgeco.com 405-401-1599