

### ADDENDUM NUMBER 3

Project Number **STP 3301 (508) City Project No. 70142204**  
Project Title **Paseo Gateway Intersection**

ISSUE DATE: **October 4, 2021**

Bidders are hereby notified that the Bidding and Contract Documents for the above project, for which Bids are to be received on **October 6, 2021**, are amended as follows:

The Bid date for this Project stated in Document 00130 - Invitation to Bid shall be changed to: 2:00 PM, on **October 6, 2021**.

Information to Bidders The following is provided to Bidders for information only:

- 1.
- 2.

Q1.	Should Bid Item #26 (Compacted Subgrade (6'')(Sidewalk & Trails) be listed as SY instead of CY?
A1.	<b>Yes, the recapitulation of quantities has been updated to show Bid Item #26 as SY instead of CY. The Unit Price form has also been updated.</b>

Drawings:

1. **Title Sheet & Recapitulation of Quantities – Sheets 1R1 & 2R1**

**NOTE: Bidders must acknowledge receipt of this Addendum by listing the number and date, where provided, on the Bid Form - Document 00410.**



UNIT PRICES

70172204

Paseo Gateway Intersection

NOTE: IN THE EVENT OF DISCREPANCY, UNIT PRICE SHALL GOVERN.

Item No.	Unit	Quantity	Item Description:	Unit	Extension
1	LS	1	MOBILIZATION		
2	LS	1	CLEARING AND GRUBBING		
3	LS	1	DEMOLITION AND REMOVAL		
4	LS	1	CONTRACTOR FURNISHED CONSTRUCTION STAKING		
5	EA	1	FIELD OFFICE		
6	EA	2	MINI DVD-R		
7	CY	78,578	UNCLASSIFIED EXCAVATION		
8	CY	3,947	COMPACTED EMBANKMENT		
9	SY	16,827	ASPHALTIC CONCRETE SURFACE (TYPE3-01)(2")		
10	SY	2,885	ASPHALTIC CONCRETE BASE (TYPE 1-01)(7")		
11	SY	17,108	ASPHALTIC CONCRETE BASE (TYPE 1-01)(10")		
12	SY	20,309	COMPACTED AGGREGATE (AB-3)(4")		
13	CY	3,385	COMPACTED SUBGRADE (6")(PAVEMENT)		
14			-----INTENTIONALLY LEFT BLANK -----		
15	SY	4,327	2" MILL & OVERLAY		
16	SY	46	CONCRETE MOUNTABLE MEDIAN NOSE		
17	SY	114	CONCRETE MEDIAN FILL (4")		
18	LF	4,031	CONCRETE CURB & GUTTER (TYPE-CG)		
19	LF	3,310	CONCRETE CURB & GUTTER (APWA CG-1 DRY)		
20	LF	364	CONCRETE CURB (TYPE-C)		
21	SF	21,689	CONCRETE SIDEWALK (6")		
22	SF	13,985	CONCRETE TRAIL (6")		
23	SF	1,252	CONCRETE TRAIL (6")(COLORED GREEN)		
24	SF	3,600	CONCRETE ADA RAMP (6")		
25	SY	5,500	GRAVEL BASE (4")		
26	SY	5,500	COMPACTED SUBGRADE (6")(SIDEWALK & TRAILS)		
27	LF	112	INTEGRAL SIDEWALK RETAINING WALL		
28	SY	943	CONCRETE DRIVEWAY APPROACH (8")		
29	SY	129	ASPHALTIC CONCRETE SURFACE (TYPE3-01)(2")		
30	SY	129	ASPHALTIC CONCRETE BASE (TYPE 1-01)(6")		
31	SY	231	AGGREGATE SURFACE (6")		
32	LF	666	BLACK METAL PICKET (6')		
33	LF	724	MoDOT CHAINLINK FENCE (6')		
34	EA	1	APWA TYPE 1 8' X 3' (SPECIAL)		
35	EA	1	KCMO CI-1 5' X 3'		
36	EA	3	KCMO CI-1 5' X 4'		
37	EA	2	KCMO CI-1 5' X 5'		
38	EA	1	KCMO CI-1 5' X 6'		
39	EA	4	KCMO CI-1 8' X 4'		
40	EA	2	KCMO CI-1 8' X 5'		
41	EA	1	KCMO CI-1 8' X 3'		
42	EA	1	KCMO CI-1 11' X 3'		
43	EA	8	KCMO CI-1 11' X 4' (SPECIAL)		
44	EA	1	KCMO CI-1 11' X 5' (SPECIAL)		
45	EA	2	KCMO CI-2 11' X 4' (SPECIAL)		
46	EA	1	SPECIAL APWA TYPE 1 11' X 5'		
47	EA	1	KCMOGI-1(M) (SPECIAL) DOUBLE GRATE 4' X 2.25'		
48	EA	1	KCMOWATER SERVICES GI-2 (SPECIAL) DOUBLE GRATE 5' X 3'		
49	EA	2	KCMO JB-1 4' X 4'		
50	EA	4	KCMO JB-1 4' X 4' (SPECIAL)		
51	EA	4	KCMO JB-1 4' X 5'		
52	EA	1	KCMO JB-1 5' X 5'		
53	EA	1	KCMO JB-1 6' X 6'		
54	EA	1	KCMO JB-1 8' X 4'		
55	EA	1	KCMO JB-1 8' X 5'		
56	EA	4	KCMO JB-1 5' X 4'(SPECIAL)		
57	EA	1	KCMO JB-1 5' X 5' (SPECIAL)		
58	EA	1	KCMO JB-1 (OCP) 10' X 5'		
59	EA	1	KCMO JB-1 (OCP) 10' X 6'		
60	EA	1	KCMO JB-1 (OCP) 6'X12'		
61	LF	1	KCMO FI-1 (Detention Pond Control Structure) 6' x 6'		
62	LF	78	4" PVC		
63	LF	520	12" RCP		
64	LF	1,416	15" RCP		
65	LF	275	18" RCP		
66	LF	108	21" RCP		

Item No.	Unit	Quantity	Item Description:	Unit	Extension
67	LF	1,401	24" RCP		
68	LF	1,021	30" RCP		
69	EA	2	12" (NO TOEWALL) FLARED END SECTION		
70	EA	1	12" FLARED END SECTION		
71	EA	1	21" FLARED END SECTION		
72	EA	2	24" FLARED END SECTION		
73	EA	3	30" FLARED END SECTION		
74	CY	37	RIP RAP		
75	LF	1,425	SILT FENCE		
76	EA	13	ROCK CHECK DAM		
77	LF	40	INLET PROTECTION		
78	CY	14	SEDIMENT REMOVAL		
79	CY	165	CONCRETE (GATEWAY FEATURE)		
80	CY	115	GRAVEL (GATEWAY FEATURE)		
81	SF	150	POLISHED CONCRETE (GATEWAY FEATURE)		
82	SF	3,200	STAMPED CONCRETE (GATEWAY FEATURE)		
83	CY	65	COLORLED CONCRETE (GATEWAY FEATURE)		
84	SF	720	GRANITE (GATEWAY FEATURE)		
85	CF	1,088	GROUT/MORTAR (GATEWAY FEATURE)		
86	LS	1	STAINLESS STEEL ANCHORS (GATEWAY FEATURE)		
87	LF	1,732	JOINT SEALANTS (GATEWAY FEATURE)		
88	CY	587	EXCAVATION/EARTHWORK (GATEWAY FEATURE)		
89	LF	63	4" TRENCH DRAIN (GATEWAY FEATURE)		
90	LF	220	4" PERFORATED DRAINAGE PIPE (GATEWAY FEATURE)		
91	EA	38	2.5" CALIPER SHADE TREE		
92	EA	37	2" SHADE TREE		
93	EA	19	8/10' HIEGHT MULTI STEM		
94	EA	3	5 GALLON SHRUBS		
95	EA	1,383	1 GALLON SHRUB/PERENNIALS		
96	EA	1,445	QUART PERENNIALS TREE		
97	SY	11,039	FESCUE SEED		
98	SY	14,995	FESCUE SOD		
99	SY	11,097	6" TOPSOIL		
100	SY	7,722	NATIVE SEED AREA		
101	SF	1,677	ROCK MULCH		
102	EA	18	TYPE "A" LED EQUIVALENT TO 400 WATT HPS LIGHT FIXTURE		
103	EA	18	TYPE "A" POLE (30'-0")		
104	EA	8	TYPE "B" LED EQUIVALENT TO 400 WATT HPS LIGHT FIXTURE		
105	EA	8	TYPE "B" POLE (40'-0")		
106	EA	5	TYPE "TS/C" LED EQUIVALENT TO 400 WATT HPS LIGHT FIXTURE (SIGNAL POLE MOUNTED)		
107	EA	6	TYPE "D1" LED EQUIVALENT TO 400 WATT HPS LIGHT FIXTURE		
108	EA	6	TYPE "D2" LED EQUIVALENT TO 250 WATT HPS LIGHT FIXTURE		
109	EA	6	TYPE "D" POLE (30'-0")		
110	EA	1	TYPE "TS/E" LED QUIVALENT TO 250 WATT HPS LIGHT FIXTURE (SIGNAL POLE MOUNTED)		
111	EA	36	CYLINDER OUTDOOR COLUMN LED LIGHT FIXTURE TYPE "PL"		
112	LF	260	3#8, 1#8 GND. IN 1" CONDUIT		
113	LF	60	3#10, 1#10 GND. IN 1" CONDUIT		
114	LF	20	3#3, 1#8 GND. IN 2" CONDUIT		
115	LF	3,800	1#10 RHW/USE INTERNAL POLE WIRE		
116	LF	1,350	2#6 RHH/RHW/USE, 1#6 CU GND. 2" CID		
117	LF	3,500	2#4 RHH/RHW/USE, 1#4 CU GND. 2" CID		
118	LF	200	3" HDPE CONDUIT FOR KCP&L FEED		
119	LF	200	1#6 AWG BARE COPPER WIRE		
120	EA	4	4 CIRCUIT LIGHTING CONTROLLER		
121	EA	2	GROUND ROD		
122	EA	82	FUSE KITS		
123	EA	41	NON-FUSED KITS		
124	EA	32	CABLE RETAINERS		
125	EA	32	SCREW IN LIGHT POLE BASE		
126	EA	43	ID TAG		
127	EA	2	CONCRETE FOUNDATIONS FOR LIGHTING CONTROLLER		
128	EA	11	PULL BOX		
129	EA	3	EVERGY SERVICE		
130	EA	1	EVERGY PAD MOUNTED TRANSFORMER		
131	EA	1	PAD FOR EVERGY TRANSFORMATION		
132	LF	6,550	TRENCH AND BACK FILL		
133	EA	42	LUMINARE AND ARM REMOVAL		
134	EA	4	POWER HOOKUPS FOR EVERGY POWER SOURCES		
135	LF	450	1" EMPTY CONDUIT FOR POWER AND CONTROL FOR FUTURE LED LIGHT POLES		
136	LF	30	3#3, 1#8 GND. IN 2" CONDUIT BETWEEN CONTROLLER AND EVERGY TRANSFORMER		
137	EA	36	COLUMN LED COLOR CHANGING LIGHT POLES WITH DIFFERENT HEIGHTS		
138	LF	100	2#10, 1#10 GND. IN 1" CONDUIT FOR POWER FOR COLUMN LED COLOR CHANGING LIGHT POLES		
139	LF	350	2#8, 1#10 GND. IN 1" CONDUIT FOR POWER FOR COLUMN LED COLOR CHANGING LIGHT POLES		
140	LF	100	1" PVC CONDUIT WITH DATA CABLE (BELDEN) FOR COLOR CHANGING FOR LIGHT POLES		
141	LF	350	2" PVC CONDUIT WITH DATA CABLE (BELDEN) FOR COLOR CHANGING FOR LIGHT POLES		
142	LF	30	3#3, 1#10 GND. IN 2" CONDUIT BETWEEN CONTROLLER AND EVERGY TRANSFORMER		
143	EA	1	NEMA 4 ENCLOSURE WITH ELECTRIC HEATER		
144	EA	1	DMX CONTROL SYSTEM WITH ALL COMPONENTS		
145	EA	36	4" ANTI-THEFT CABLE RETAINER		

Item No.	Unit	Quantity	Item Description:	Unit	Extension
146	EA	36	WEATHERPROOF JUNCTION BOX WITH COVER FOR FUTURE LED LIGHT POLES		
147	LF	2,443	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(4")		
148	LF	2,099	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(6")		
149	LF	3,219	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(8")		
150	LF	364	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(12")		
151	LF	507	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(24")		
152	LF	4,180	PAVEMENT MARKING (YELLOW)(THERMOPLASTIC)(4")		
153	LF	1,469	PAVEMENT MARKING (YELLOW)(THERMOPLASTIC)(8")		
154	LF	80	PAVEMENT MARKING (YELLOW)(THERMOPLASTIC)(18")		
155	LF	330	PAVEMENT MARKING (GREEN)(THERMOPLASTIC)(24")		
156	EA	8	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)(RIGHT TURN ARROW)		
157	EA	19	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)(LEFT TURN ARROW)		
158	EA	3	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)("ONLY" MARKER TEXT)		
159	EA	5	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)(BICYCLE DETECTOR)		
160	EA	6	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)(BIKEWAY ARROW)		
161	SF	352	TRAFFIC SIGNS (HIGH INTENSITY)		
162	LF	366	SIGN POST (2" x 2" PERFORATED SQUARE STEEL TUBE)		
163	LF	14	SIGN POST (2.5" x 2.5" PERFORATED SQUARE STEEL TUBE)		
164	LF	12	SIGN POST (2.25" x 2.25" PERFORATED SQUARE STEEL TUBE)		
165	EA	2	BREAKAWAY DEVICE		
166	EA	33	12 GAUGE ANCHOR		
167	EA	2	BARRIER MOUNTING BRACKET		
168	CY	38	BASE (CONCRETE)		
169	EA	10	KCMO SIGNAL PULL BOX (TYPE 1)		
170	EA	3	KCMO SIGNAL PULL BOX (TYPE 2)		
171	EA	5	POST (SIGNAL 8FT.)		
172	EA	5	POST (SIGNAL 15FT.)		
173	EA	2	POST (TYPE CL)(0 FT.)		
174	EA	1	POST (TYPE CL)(32 FT.)		
175	EA	1	POST (TYPE CL)(38 FT.)		
176	EA	3	POST (TYPE CL)(40 FT.)		
177	EA	1	POST (TYPE CL)(42 FT.)		
178	EA	1	POST (TYPE CL)(52 FT.)		
179	EA	14	SIGNAL HEAD (TYPE 1S PEDESTRIAN)		
180	EA	23	SIGNAL HEAD (TYPE 3S)		
181	EA	6	SIGNAL HEAD (TYPE 4S)		
182	EA	2	SIGNAL HEAD (TYPE 5S)		
183	LF	29	CONDUIT (1 IN.)(TRENCH WITH TRACER WIRE)		
184	LF	393	CONDUIT (2 IN.)(TRENCH WITH TRACER WIRE)		
185	LF	206	CONDUIT (3 IN.)(TRENCH WITH TRACER WIRE)		
186	LF	372	CONDUIT (4 IN.)(TRENCH WITH TRACER WIRE)		
187	LF	570	CONDUIT (2 IN.)(PUSHED WITH TRACER WIRE)		
188	LF	54	CONDUIT (3 IN.)(PUSHED WITH TRACER WIRE)		
189	LF	1,040	CONDUIT (4 IN.)(PUSHED WITH TRACER WIRE)		
190	LF	6	CONDUIT (2 IN.)(MEDIAN WITH TRACER WIRE)		
191	LF	400	CABLE (8 AWG 1 CONDUCTOR)(POWER)		
192	LF	2,280	CABLE (16 AWG 2 CONDUCTOR)		
193	LF	3,460	CABLE (16 AWG 5 CONDUCTOR)		
194	LF	3,840	CABLE (16 AWG 7 CONDUCTOR)		
195	LF	1,040	CABLE (14 AWG 3 CONDUCTOR)(LED SIGNS)		
196	LF	1,370	CABLE (RADAR)		
197	LF	1,310	CABLE (OPTICOM MODEL 138)		
198	LF	190	CABLE (PTZ CAT 6e)		
199	SF	93	SIGNAL SIGNS (SHEET)		
200	EA	4	SIGNAL SIGNS (LED BACK LIT)("THE PASEO")		
201	EA	2	SIGNAL SIGNS (LED BACK LIT)("INDEPENDENCE AVE")		
202	EA	2	SIGNAL SIGNS (LED BACK LIT)("CLIFF DR")		
203	EA	7	EMERGENCY PRE-EMPTION DETECTORS		
204	EA	8	RADAR PRESENCE DETECTORS		
205	EA	2	POWER SUPPLY ASSEMBLY		
206	EA	2	SIGNAL CONTROLLER ASSEMBLY AND PAD		
207	LF	984	3" CONDUIT (FIBEROPTIC INTERCONNECT)		
208	LF	1,319	96C FIBER (FIBEROPTIC INTERCONNECT)		
209	LF	115	12C ITS CABLE (FIBEROPTIC INTERCONNECT)		
210	EA	5	TYPE II PULLBOX (FIBEROPTIC INTERCONNECT)		
211	EA	62	CHANNELIZER (TRIM LINE)		
212	EA	30	TYPE III MOVEABLE BARRICADE WITH LIGHTS		
213	EA	12	DIRECTIONAL INDICATOR BARRICADE		
214	EA	1	FLASHING ARROW PANEL		
215	EA	77	TUBULAR MARKER		
216	EA	5	TEMPORARY TRAFFIC SIGNALS		
217	LF	1,003	TEMPORARY CONCRETE BARRIER		
218	SY	1,350	TEMPORARY ASPHALT PAVEMENT		
219	LF	10,691	TEMPORARY 4" WHITE PAVEMENT MARKING		
220	LF	13,721	TEMPORARY 4" YELLOW PAVEMENT MARKING		
221	LF	310	TEMPORARY 24" WHITE PAVEMENT MARKING		
222	EA	4	TEMPORARY WHITE LEFT TURN ARROW		
223	SF	1,969	CONSTRUCTION SIGNS		
224	EA	4	PROJECT SIGNS		

Item No.	Unit	Quantity	Item Description:	Unit	Extension
225	SF(V)	456	WEIR WALL		
226	SY	4,000	DENTENTION BASIN BENTONITE TREATMENT (6" DEPTH)		
227	LF	442	MoDOT TYPE C PERMANENT BARRIER		
228	LF	230	6" DIP CL 52 ZINC COATED WITH DOUBLE POLYWRAP		
229	LF	1085	8" DIP CL 52 ZINC COATED WITH DOUBLE POLYWRAP		
230	LF	20	1" K WATER SERVICE LINE		
231	LF	130	2" K WATER SERVICE LINE		
232	LF	34	4" K WATER SERVICE LINE		
233	EACH	6	6" CL 52 - 45 DEGREE BEND		
234	EACH	8	6" SOLID SLEEVE		
235	EACH	4	8" SOLID SLEEVE		
236	EACH	6	8"X6" REDUCER		
237	EACH	8	6" PLUG		
238	EACH	2	8" PLUG		
239	EACH	4	6" GATE VALVE		
240	EACH	10	8" GATE VALVE		
241	EACH	2	8" BY 8" CROSS		
242	EACH	1	6" BY 6" DIP TEE		
243	EACH	7	8" BY 6" DIP TEE		
244	EACH	8	BACKING BLOCKS		
245	EACH	8	STADDLE BLOCK ON 8" MAIN		
246	EACH	5	WATER SERVICE TRANSFER		
247	EACH	1	CURB BOX		
248	EACH	4	MJ PLUG TAPPED FOR SERVICE		
249	EACH	2	METER RELOCATION		
250	EACH	3	FIRE HYDRANT ASSEMBLY		
251	EACH	8	BLOW OFF VALVE 8"		
252	LF	1315	TESTING		
253	LF	1315	DISINFECTION		
254	EACH	8	CUT, PLUG AND ABANDON EXISTING WATER MAIN		
255	LS	1	AS-BUILT DRAWINGS		

\*Bid items not anticipated to be used. Unit costs to be used if these items are deemed necessary.



L:\302805-020\_CAD\CIVIL\RECAP OF QUANTITIES\302805-020\_RECAP.DWG  
DATE: 10/4/2021  
BY: KHANSON  
LAYOUT: RECAP

RECAPITULATION OF QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1	MOBILIZATION	LS	1
2	CLEARING AND GRUBBING	LS	1
3	DEMOLITION AND REMOVAL	LS	1
4	CONTRACTOR FURNISHED CONSTRUCTION STAKING	LS	1
5	FIELD OFFICE	EA	1
6	MINI DVD-R	EA	2
7	UNCLASSIFIED EXCAVATION	CY	78,578
8	COMPACTED EXBANKMENT	CY	3,947
9	ASPHALTIC CONCRETE SURFACE (TYPE3-01)(2")	SY	16,827
10	ASPHALTIC CONCRETE BASE (TYPE 1-01)(7")	SY	2,885
11	ASPHALTIC CONCRETE BASE (TYPE 1-01)(10")	SY	17,108
12	COMPACTED AGGREGATE (AB-3)(4")	SY	20,309
13	COMPACTED SUBGRADE (6")(PAVEMENT)	CY	3,385
14	-----INTENTIONALLY LEFT BLANK-----		
15	2" MILL & OVERLAY	SY	4,327
16	CONCRETE MOUNTABLE MEDIAN NOSE	SY	46
17	CONCRETE MEDIAN FILL (4")	SY	114
18	CONCRETE CURB & GUTTER (TYPE-CG)	LF	4,031
19	CONCRETE CURB & GUTTER (APWA CG-1 DRY)	LF	3,310
20	CONCRETE CURB (TYPE-C)	LF	364
21	CONCRETE SIDEWALK (6")	SF	21,689
22	CONCRETE TRAIL (6")	SF	13,985
23	CONCRETE TRAIL (6")(COLORED GREEN)	SF	1,252
24	CONCRETE ADA RAMP (6")	SF	3,600
25	GRAVEL BASE (4")	SY	5,500
26	COMPACTED SUBGRADE (6")(SIDEWALK & TRAILS)	SY	5,500
27	INTEGRAL SIDEWALK RETAINING WALL	LF	112
28	CONCRETE DRIVEWAY APPROACH (8")	SY	943
29	ASPHALTIC CONCRETE SURFACE (TYPE3-01)(2")	SY	129
30	ASPHALTIC CONCRETE BASE (TYPE 1-01)(6")	SY	129
31	AGGREGATE SURFACE (6")	SY	231
32	BLACK METAL PICKET (6")	LF	666
33	MoDOT CHAINLINK FENCE (6")	LF	724
34	APWA TYPE 1 8" X 3" (SPECIAL)	EA	1
35	KCMO CI-1 5' X 3'	EA	1
36	KCMO CI-1 5' X 4'	EA	3
37	KCMO CI-1 5' X 5'	EA	2
38	KCMO CI-1 5' X 6'	EA	1
39	KCMO CI-1 8' X 4'	EA	4
40	KCMO CI-1 8' X 5'	EA	2
41	KCMO CI-1 8' X 3'	EA	1
42	KCMO CI-1 11' X 3'	EA	1
43	KCMO CI-1 11' X 4' (SPECIAL)	EA	8
44	KCMO CI-1 11' X 5' (SPECIAL)	EA	1
45	KCMO CI-2 11' X 4' (SPECIAL)	EA	2
46	SPECIAL APWA TYPE 1 11' X 5'	EA	1
47	KCMOGI-1(M) (SPECIAL) DOUBLE GRATE 4' X 2.25'	EA	1
48	KCMOWATER SERVICES GI-2 (SPECIAL) DOUBLE GRATE 5' X 3'	EA	1
49	KCMO JB-1 4' X 4'	EA	2
50	KCMO JB-1 4' X 4' (SPECIAL)	EA	4
51	KCMO JB-1 4' X 5'	EA	4
52	KCMO JB-1 5' X 5'	EA	1
53	KCMO JB-1 6' X 6'	EA	1
54	KCMO JB-1 8' X 4'	EA	1
55	KCMO JB-1 8' X 5'	EA	1
56	KCMO JB-1 5' X 4' (SPECIAL)	EA	4
57	KCMO JB-1 5' X 5' (SPECIAL)	EA	1
58	KCMO JB-1 (OCP) 10' X 5'	EA	1
59	KCMO JB-1 (OCP) 10' X 6'	EA	1
60	KCMO JB-1 (OCP) 6'X12'	EA	1
61	KCMO FI-1 (Detention Pond Control Structure) 6' x 6'	LF	1
62	4" PVC	LF	78
63	12" RCP	LF	520
64	15" RCP	LF	1,416
65	18" RCP	LF	275
66	21" RCP	LF	108
67	24" RCP	LF	1,401
68	30" RCP	LF	1,021
69	12" (NO TOEWALL) FLARED END SECTION	EA	2
70	12" FLARED END SECTION	EA	1
71	21" FLARED END SECTION	EA	1
72	24" FLARED END SECTION	EA	2
73	30" FLARED END SECTION	EA	3
74	RIP RAP	CY	37
75	SILT FENCE	LF	1,425
76	ROCK CHECK DAM	EA	13
77	INLET PROTECTION	LF	40
78	SEDIMENT REMOVAL	CY	14
79	CONCRETE (GATEWAY FEATURE)	CY	165
80	GRAVEL (GATEWAY FEATURE)	CY	115
81	POLISHED CONCRETE (GATEWAY FEATURE)	SF	150
82	STAMPED CONCRETE (GATEWAY FEATURE)	SF	3,200
83	COLORLED CONCRETE (GATEWAY FEATURE)	CY	65
84	GRANITE (GATEWAY FEATURE)	SF	720
85	GROUT/MORTAR (GATEWAY FEATURE)	CF	1,088
86	STAINLESS STEEL ANCHORS (GATEWAY FEATURE)	LS	1
87	JOINT SEALANTS (GATEWAY FEATURE)	LF	1,732

RECAPITULATION OF QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
88	EXCAVATION/EARTHWORK (GATEWAY FEATURE)	CY	587
89	4" TRENCH DRAIN (GATEWAY FEATURE)	LF	63
90	4" PERFORATED DRAINAGE PIPE (GATEWAY FEATURE)	LF	220
91	2.5" CALIPER SHADE TREE	EA	38
92	2" SHADE TREE	EA	37
93	8/10" HIEGHT MULTI STEM	EA	19
94	5 GALLON SHRUBS	EA	3
95	1 GALLON SHRUB/PERENNIALS	EA	1,383
96	QUART PERENNIALS TREE	EA	1,445
97	FESCUE SEED	SY	11,039
98	FESCUE SOD	SY	14,995
99	6" TOPSOIL	SY	11,097
100	NATIVE SEED AREA	SY	7,722
101	ROCK MULCH	SF	1,677
102	TYPE "A" LED EQUIVALENT TO 400 WATT HPS LIGHT FIXTURE	EA	18
103	TYPE "A" POLE (30'-0")	EA	18
104	TYPE "B" LED EQUIVALENT TO 400 WATT HPS LIGHT FIXTURE	EA	8
105	TYPE "B" POLE (40'-0")	EA	8
106	TYPE "TS/C" LED EQUIVALENT TO 400 WATT HPS LIGHT FIXTURE (SIGNAL POLE MOUNTED)	EA	5
107	TYPE "D1" LED EQUIVALENT TO 400 WATT HPS LIGHT FIXTURE	EA	6
108	TYPE "D2" LED EQUIVALENT TO 250 WATT HPS LIGHT FIXTURE	EA	6
109	TYPE "D" POLE (30'-0")	EA	6
110	TYPE "TS/E" LED QUIVALENT TO 250 WATT HPS LIGHT FIXTURE (SIGNAL POLE MOUNTED)	EA	1
111	CYLINDER OUTDOOR COLUMN LED LIGHT FIXTURE TYPE "PL"	EA	36
112	3#8, 1#8 GND. IN 1" CONDUIT	LF	260
113	3#10, 1#10 GND. IN 1" CONDUIT	LF	60
114	3#3, 1#8 GND. IN 2" CONDUIT	LF	20
115	1#10 RHW/USE INTERNAL POLE WIRE	LF	3,800
116	2#6 RHH/RHW/USE, 1#6 CU GND. 2" CID	LF	1,350
117	2#4 RHH/RHW/USE, 1#4 CU GND. 2" CID	LF	3,500
118	3" HDPE CONDUIT FOR KCP&L FEED	LF	200
119	1#6 AWG BARE COPPER WIRE	LF	200
120	4 CIRCUIT LIGHTING CONTROLLER	EA	4
121	GROUND ROD	EA	2
122	FUSE KITS	EA	82
123	NON-FUSED KITS	EA	41
124	CABLE RETAINERS	EA	32
125	SCREW IN LIGHT POLE BASE	EA	32
126	ID TAG	EA	43
127	CONCRETE FOUNDATIONS FOR LIGHTING CONTROLLER	EA	2
128	PULL BOX	EA	11
129	EVERGY SERVICE	EA	3
130	EVERGY PAD MOUNTED TRANSFORMER	EA	1
131	PAD FOR EVERGY TRANSFORMATION	EA	1
132	TRENCH AND BACK FILL	LF	6,550
133	LUMINARE AND ARM REMOVAL	EA	42
134	POWER HOOKUPS FOR EVERGY POWER SOURCES	EA	4
135	1" EMPTY CONDUIT FOR POWER AND CONTROL FOR FUTURE LED LIGHT POLES	LF	450
136	3#3, 1#8 GND. IN 2" CONDUIT BETWEEN CONTROLLER AND EVERGY TRANSFORMER	LF	30
137	COLUMN LED COLOR CHANGING LIGHT POLES WITH DIFFERENT HEIGHTS	EA	36
138	2#10, 1#10 GND. IN 1" CONDUIT FOR POWER FOR COLUMN LED COLOR CHANGING LIGHT POLES	LF	100
139	2#8, 1#10 GND. IN 1" CONDUIT FOR POWER FOR COLUMN LED COLOR CHANGING LIGHT POLES	LF	350
140	1" PVC CONDUIT WITH DATA CABLE (BELDEN) FOR COLOR CHANGING FOR LIGHT POLES	LF	100
141	2" PVC CONDUIT WITH DATA CABLE (BELDEN) FOR COLOR CHANGING FOR LIGHT POLES	LF	350
142	3#3, 1#10 GND. IN 2" CONDUIT BETWEEN CONTROLLER AND EVERGY TRANSFORMER	LF	30
143	NEMA 4 ENCLOSURE WITH ELECTRIC HEATER	EA	1
144	DMX CONTROL SYSTEM WITH ALL COMPONENTS	EA	1
145	4" ANTI-THEFT CABLE RETAINER	EA	36
146	WEATHERPROOF JUNCTION BOX WITH COVER FOR FUTURE LED LIGHT POLES	EA	36
147	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(4")	LF	2,443
148	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(6")	LF	2,099
149	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(8")	LF	3,219
150	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(12")	LF	364
151	PAVEMENT MARKING (WHITE)(THERMOPLASTIC)(24")	LF	507
152	PAVEMENT MARKING (YELLOW)(THERMOPLASTIC)(4")	LF	4,180
153	PAVEMENT MARKING (YELLOW)(THERMOPLASTIC)(8")	LF	1,469
154	PAVEMENT MARKING (YELLOW)(THERMOPLASTIC)(18")	LF	80
155	PAVEMENT MARKING (GREEN)(THERMOPLASTIC)(24")	LF	330
156	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)(RIGHT TURN ARROW)	EA	8
157	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)(LEFT TURN ARROW)	EA	19
158	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)("ONLY" MARKER TEXT)	EA	3
159	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)(BIICYCLE DETECTOR)	EA	5
160	PAVEMENT MARKING SYMBOL (WHITE)(PREFORMED THERMOPLASTIC)(BIKEWAY ARROW)	EA	6
161	TRAFFIC SIGNS (HIGH INTENSITY)	SF	352
162	SIGN POST (2" x 2" PERFORATED SQUARE STEEL TUBE)	LF	366
163	SIGN POST (2.5" x 2.5" PERFORATED SQUARE STEEL TUBE)	LF	14
164	SIGN POST (2.25" x 2.25" PERFORATED SQUARE STEEL TUBE)	LF	12
165	BREAKAWAY DEVICE	EA	2
166	12 GAUGE ANCHOR	EA	33
167	BARRIER MOUNTING BRACKET	EA	2
168	BASE (CONCRETE)	CY	38
169	KCMO SIGNAL PULL BOX (TYPE 1)	EA	10
170	KCMO SIGNAL PULL BOX (TYPE 2)	EA	3
171	POST (SIGNAL 8FT.)	EA	5
172	POST (SIGNAL 15FT.)	EA	5
173	POST (TYPE CL)(0 FT.)	EA	2
174	POST (TYPE CL)(32 FT.)	EA	1

RECAPITULATION OF QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
175	POST (TYPE CL)(38 FT.)	EA	1
176	POST (TYPE CL)(40 FT.)	EA	3
177	POST (TYPE CL)(42 FT.)	EA	1
178	POST (TYPE CL)(52 FT.)	EA	1
179	SIGNAL HEAD (TYPE 1S PEDESTRIAN)	EA	14
180	SIGNAL HEAD (TYPE 3S)	EA	23
181	SIGNAL HEAD (TYPE 4S)	EA	6
182	SIGNAL HEAD (TYPE 5S)	EA	2
183	CONDUIT (1 IN.)(TRENCH WITH TRACER WIRE)	LF	29
184	CONDUIT (2 IN.)(TRENCH WITH TRACER WIRE)	LF	393
185	CONDUIT (3 IN.)(TRENCH WITH TRACER WIRE)	LF	206
186	CONDUIT (4 IN.)(TRENCH WITH TRACER WIRE)	LF	372
187	CONDUIT (2 IN.)(PUSHED WITH TRACER WIRE)	LF	570
188	CONDUIT (3 IN.)(PUSHED WITH TRACER WIRE)	LF	54
189	CONDUIT (4 IN.)(PUSHED WITH TRACER WIRE)	LF	1,040
190	CONDUIT (2 IN.)(MEDIAN WITH TRACER WIRE)	LF	6
191	CABLE (8 AWG 1 CONDUCTOR)(POWER)	LF	400
192	CABLE (16 AWG 2 CONDUCTOR)	LF	2,280
193	CABLE (16 AWG 5 CONDUCTOR)	LF	3,460
194	CABLE (16 AWG 7 CONDUCTOR)	LF	3,840
195	CABLE (14 AWG 3 CONDUCTOR)(LED SIGNS)	LF	1,040
196	CABLE (RADAR)	LF	1,370
197	CABLE (OPTICOM MODEL 138)	LF	1,310
198	CABLE (PTZ CAT 6e)	LF	190
199	SIGNAL SIGNS (SHEET)	SF	93
200	SIGNAL SIGNS (LED BACK LIT)("THE PASEO")	EA	4
201	SIGNAL SIGNS (LED BACK LIT)("INDEPENDENCE AVE")	EA	2
202	SIGNAL SIGNS (LED BACK LIT)("CLIFF DR")	EA	2
203	EMERGENCY PRE-EMPTION DETECTORS	EA	7
204	RADAR PRESENCE DETECTORS	EA	8
205	POWER SUPPLY ASSEMBLY	EA	2
206	SIGNAL CONTROLLER ASSEMBLY AND PAD	EA	2
207	3" CONDUIT (FIBEROPTIC INTERCONNECT)	LF	984
208	96C FIBER (FIBEROPTIC INTERCONNECT)	LF	1,319
209	12C ITS CABLE (FIBEROPTIC INTERCONNECT)	LF	115
210	TYPE II PULLBOX (FIBEROPTIC INTERCONNECT)	EA	5
211	CHANNELIZER (TRIM LINE)	EA	62
212	TYPE III MOVEABLE BARRICADE WITH LIGHTS	EA	30
213	DIRECTIONAL INDICATOR BARRICADE	EA	12
214	FLASHING ARROW PANEL	EA	1
215	TUBULAR MARKER	EA	77
216	TEMPORARY TRAFFIC SIGNALS	EA	5
217	TEMPORARY CONCRETE BARRIER	LF	1,003
218	TEMPORARY ASPHALT PAVEMENT	SY	1,350
219	TEMPORARY 4" WHITE PAVEMENT MARKING	LF	10,691
220	TEMPORARY 4" YELLOW PAVEMENT MARKING	LF	13,721
221	TEMPORARY 24" WHITE PAVEMENT MARKING	LF	310
222	TEMPORARY WHITE LEFT TURN ARROW	EA	4
223	CONSTRUCTION SIGNS	SF	1,969
224	PROJECT SIGNS	EA	4
225	WEIR WALL	SF(V)	456
226	DENTENTION BASIN BENTONITE TREATMENT (6" DEPTH)	SY	4,000
227	MoDOT TYPE C PERMANENT BARRIER	LF	442
228	6" DIP CL 52 ZINC COATED WITH DOUBLE POLYWRAP	LF	230
229	8" DIP CL 52 ZINC COATED WITH DOUBLE POLYWRAP	LF	1085
230	1" K WATER SERVICE LINE	LF	20
231	2" K WATER SERVICE LINE	LF	130
232	4" K WATER SERVICE LINE	LF	34
233	6" CL 52 - 45 DEGREE BEND	EACH	6
234	6" SOLID SLEEVE	EACH	8
235	8" SOLID SLEEVE	EACH	4
236	8"X6" REDUCER	EACH	6
237	6" PLUG	EACH	8
238	8" PLUG	EACH	2
239	6" GATE VALVE	EACH	4
240	8" GATE VALVE	EACH	10
241	8" BY 8" CROSS	EACH	2
242	6" BY 6" DIP TEE	EACH	1
243	8" BY 6" DIP TEE	EACH	7
244	BACKING BLOCKS	EACH	8
245	STADDLE BLOCK ON 8" MAIN	EACH	8
246	WATER SERVICE TRANSFER	EACH	5
247	CURB BOX	EACH	1
248	MJ PLUG TAPPED FOR SERVICE	EACH	4
249	METER RELOCATION	EACH	2
250	FIRE HYDRANT ASSEMBLY	EACH	3
251	BLOW OFF VALVE 8"	EACH	8
252	TESTING	LF	1315
253	DISINFECTION	LF	1315
254	CUT, PLUG AND ABANDON EXISTING WATER MAIN	EACH	8
255	AS-BUILT DRAWINGS	LS	1
		Project Total	

\*Bid items not anticipated to be used. Unit costs to be used if these items are deemed necessary.



making lives better.

11031 Strang Line Rd.  
Lenexa, Kansas 66215  
P 913-888-7800

NOTICE:  
McClure Engineering Company waives any and all responsibility and liability for problems which arise from failure to follow these Plans, Specifications, and the engineering intent they convey, or for problems which arise from failure to obtain and/or follow the engineers guidance with respect to any errors, omissions, inconsistencies, ambiguities, or conflicts which are alleged.

MISSOURI CERTIFICATE OF  
AUTHORITY NO. E-2006023253  
EXPIRES: DECEMBER 31, 2021

KANSAS CITY PARKS &  
RECREATION

RECAPITULATION OF  
QUANTITIES

CITY OF KANSAS CITY, MISSOURI

STP 3301 (508)

03/2021

REVISIONS

ENGINEER  
FJB

DRAWN BY  
JAA/BRC

CHECKED BY  
PRP/KHH

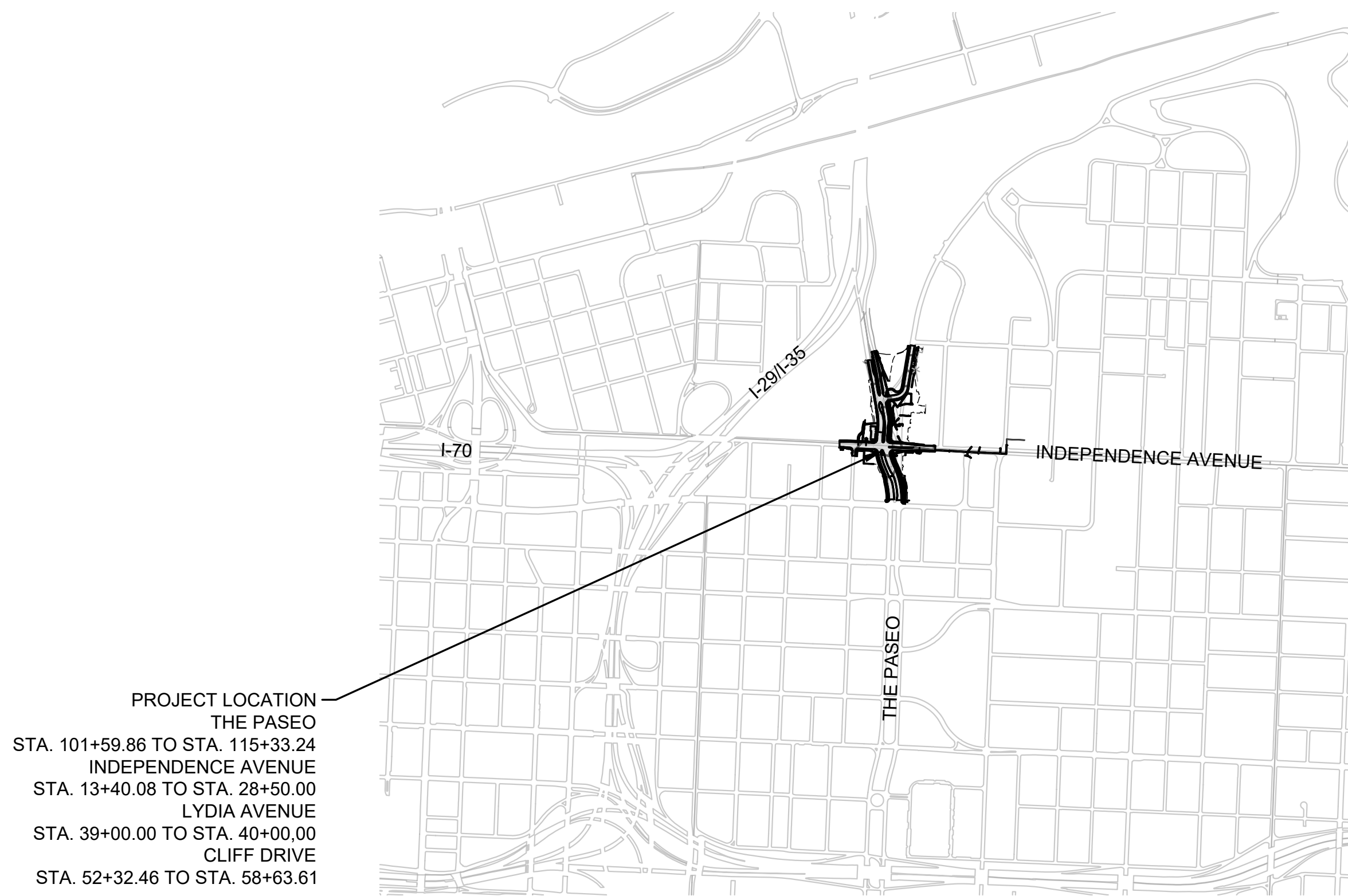
FIELD BOOK NO.  
FIELDBOOK

SHEET NO.

2R2 OF 329



FINAL PLANS FOR  
**PASEO GATEWAY**  
**THE PASEO & INDEPENDENCE AVENUE**  
2021



PROJECT LOCATION  
THE PASEO  
STA. 101+59.86 TO STA. 115+33.24  
INDEPENDENCE AVENUE  
STA. 13+40.08 TO STA. 28+50.00  
LYDIA AVENUE  
STA. 39+00.00 TO STA. 40+00.00  
CLIFF DRIVE  
STA. 52+32.46 TO STA. 58+63.61

LOCATION MAP  
NOT TO SCALE



11031 STRANG LINE RD  
LENEXA, KANSAS 66215  
P: 913-888-7800

KANSAS CITY, MISSOURI  
BOARD OF  
PARKS & RECREATION COMMISSIONERS

JACK HOLLAND - PRESIDENT  
CHRIS GOODE - COMMISSIONER  
DAVID MECKLENBURG - COMMISSIONER  
MARY WILLIAMS-NEAL - COMMISSIONER  
SCOTT WAGNER - COMMISSIONER  
TERESA RYNARD - DIRECTOR



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**PROJECT DESCRIPTION:**

**THE PASEO & INDEPENDENCE AVENUE**

PROJECT NUMBER 70142204  
FEDERAL NUMBER STP 3301 (508)

PROJECT CONSISTS OF SUPPLYING ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR RECONSTRUCTION OF PASEO, INDEPENDENCE AVE. AND CLIFF DRIVE - 2020 PASEO GATEWAY INCLUDING, BUT NOT LIMITED TO; SURVEYING, CLEARING, GRUBBING, DEMOLITION, EXCAVATION, BACKFILLING, GRADING, CONCRETE WORK / FOOTINGS, TRAFFIC SIGNALS, STORM DRAINAGE, SIDEWALKS / TRAILS, LANDSCAPING, EROSION CONTROL, SEEDING, AND CLEANUP COMPLETE IN ACCORDANCE WITH DRAWING NUMBERS LISTED BELOW, AND SPECIFICATIONS CONTAINED UNDER SEPARATE COVER.

**DRAWING INDEX:**

1	TITLE SHEET
2	RECAPITULATION OF QUANTITIES
3-4	GENERAL LAYOUT NOTES & REFERENCE POINTS
5-8	DEMOLITION PLANS
9-16	RIGHT-OF-WAY PLANS
17-21	TYPICAL SECTIONS
22-36	PLAN AND PROFILE SHEETS
37-38	ENLARGED FENCE PLANS
39-47	INTERSECTION DETAILS
48-60	ROADWAY DETAIL SHEETS
61-87	STORM SEWER PROFILES & DETAILS
88-89	RETAINING WALL PLAN & PROFILE & DETAILS
90-91	WEIR WALL PLAN & PROFILE & DETAILS
92-110	TRAFFIC SIGNAL PLANS & DETAILS
111-121	STREET LIGHTING PLANS & DETAILS
122-139	PAVEMENT MARKING & SIGNING PLANS & DETAILS
140-150	EROSION CONTROL PLANS & DETAILS
151-158	GATEWAY PLANS & DETAILS
159-165	LANDSCAPING PLANS & DETAILS
166	GRADING PLAN SHEETS
167-258	TRAFFIC CONTROL PLANS & DETAILS
259-263	SUMMARY OF QUANTITIES
264-273	DRAINAGE AREA MAP & CALCULATIONS
274-300	CROSS SECTIONS (PASEO)
301-311	CROSS SECTIONS (INDEPENDENCE AVENUE)
312-329	CROSS SECTIONS (CLIFF DRIVE)
1-6	WATER MAIN REPLACEMENT PLANS

**REVISED DRAWINGS:**

1R2	TITLE SHEET
2R2	RECAPITULATION OF QUANTITIES
31R1	PLAN AND PROFILE SHEET (6)
32R1	PLAN AND PROFILE SHEET (7)
43AR	INTERSECTION DETAILS (5A)
127R	PAVEMENT MARKING PLAN (6)
128R	PAVEMENT MARKING PLAN (7)
159R	TREE PRESERVATION PLAN & OVERALL LANDSCAPE PLAN
160R	LANDSCAPE PLAN ENLARGEMENTS
161R	LANDSCAPE PLAN ENLARGEMENTS
162R	LANDSCAPE PLAN ENLARGEMENTS
165R	LANDSCAPE DETAILS & GENERAL NOTES
179R	TRAFFIC CONTROL PLAN (2)
180R	TRAFFIC CONTROL PLAN (3)
185R	TRAFFIC CONTROL PLAN (8)
201R	TRAFFIC CONTROL PLAN (24)
259R	SUMMARY OF QUANTITIES (1)
260R	SUMMARY OF QUANTITIES (2)
261R	SUMMARY OF QUANTITIES (3)
273R	DRAINAGE CALCULATIONS (7)

NOTE: "R" SHEETS REPLACE AND SUPERCEDE RESPECTIVE SHEETS WITH THE SAME NUMBER. "R1" & "R2" SHEETS REPLACE AND SUPERCEDE RESPECTIVE SHEETS.

**DESIGN ENTITY:**

THIS SET OF DRAWINGS WAS PREPARED BY  
McCLURE



FRED JOHNSON BURRESS, P.E., ENV SP

DATE

**APPROVED BY:**

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042F918C227248A...

6/17/2021

JAMES WANG, P.E., ENV SP  
PROJECT MANAGER

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6/17/2021

ROOSEVELT LYONS  
DEPUTY DIRECTOR

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Teresa Rynard  
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6/17/2021

TERESA RYNARD  
DIRECTOR

DATE

**ARCHIVE NO:**