

PROJECT	Grand and Cass Avenue Corridor Improvements	ADDENDUM NUMBER	02
PROJECT NO.	14004 (GRG 308ie)	DATE	4/23/2025
PROJECT LOCATION	St Louis, Missouri		
CLIENT	Great Rivers Greenway		
PREPARED BY	Hannah Higgins, SmithGroup		

NAME	COMPANY
Developer's Representative – Lonny Boring	Great Rivers Greenway
Construction Manager – Brian Kunz	Navigate
Project Manager - Hannah Higgins	SmithGroup
BIDDERS	

This Addendum is issued pursuant to the Instructions to Bidders and/or Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

ADDENDUM #01

Proposed changes include the following updates and the related pay item, bid tab, and JSP adjustments required:

- Updated Electrical Details/Schedules
- Updated Bid Form

Additional Attachments:

- Response Memo #02 to Bid Questions as of 4/21/2025.

PART 1 - REVISED DOCUMENTS ISSUED WITH THIS DOCUMENT

1.1 REVISED PROJECT MANUAL DOCUMENTS AND SPECIFICATIONS

- A. BID FORM - Updated to reflect adjusted quantities and new pay items identified in this document. Adjustments have been highlighted in red. Quantities have been updated for (2) pay items.

1.2 REVISED DRAWING SHEETS

- A. G2-001: SUMMARY OF QUANTITIES
Updated to reflect both Addendum 01 and Addendum 02 pay item updates.
- B. E1-501 through E1-503: ELECTRICAL DETAILS
Updated Street light and Plaza Light details and updated schedules.

PROJECT	Grand and Cass Avenue Corridor Improvements (308ie)	DATE	4/23/2025
PROJECT NO.	14004		
PROJECT LOCATION	St. Louis, MO		
SUBJECT	Response to Bid Questions #2 - 4/23/2025		
PREPARED BY	Hannah Higgins/Design Team		

**Federal Project Numbers STBG5617(605)/CMAQ5617(606) GRG Bid #2025-004-308IE
Brickline Greenway: Grand and Cass Avenue Corridor Improvements (308IE)**

Note: See Response to Bid Questions #1 – 4/15/2025 memo for Questions 1-4.

Question 5: (received 4/15/25)

Does GRG have a quarry prequalified to supply the new granite curbs?

Response: No, GRG does not have a prequalified supplier for new granite curbs.

Question 6: (received 4/17/25)

For bonding purposes, what is the estimated value of each of the contracts?

Response: For the Grand/Cass Ave Corridor Improvements, the estimated value is \$11,000,000. Please see the separate Brickline Greenway North Connector Phase 1 bid question response memo for the adjacent contract estimate.

BID FORM: GRAND AND CASS AVENUE CORRIDOR IMPROVEMENTS

NATURAL BRIDGE AVENUE TO CASS AVE/GRAND TO SPRING AVE
STBG-5617(605) / CMAQ-5617(606) GRG #308ie SmithGroup #14004.000

ITEM #	SPEC	STANDARD SPEC PAY ITEM	ITEM DESCRIPTION	UNIT	UNIT COST	QTY	COST
ROADWAY ITEMS							
1	MoDOT	6181000	MOBILIZATION	LS		1.0	
2	JSP	JSP-21	INSTALLATION OF TEMPORARY TRAFFIC CONTROL	LS		1.0	
3	MoDOT	6161098A	CHANGEABLE MESSAGE SIGN W/O COMM INTERFACE, CONTRACTOR FURNISHED/RETAINED	EA		6	
4	JSP	JSP-04	SEDIMENT AND EROSION CONTROL	LS		2.0	
5	JSP	JSP-09	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS		1.0	
6	JSP	JSP-39	DISPOSAL OF CONTAMINATED SOIL	CY		1,000	
7	MoDOT	104.1	REMOVALS - FIXED OBJECTS (SIGNS, MAILBOXES)	EA		26	
8	MoDOT	104.1	PLYWOOD BARRIER REMOVAL	LF		71	
9	MoDOT	216.8	CONCRETE CURB REMOVAL	LF		1,695	
10	JSP	JSP-17	GRANITE CURB REMOVAL AND STORAGE	LF		3,833	
11	MoDOT	202	PAVEMENT REMOVAL - CONCRETE	SF		110,800	
12	MoDOT	202	PAVEMENT REMOVAL - ASPHALT, FULL DEPTH	SF		80,000	
13	JSP	JSP-05	PAVEMENT REMOVAL - MILL ASPHALT AND HAUL OFF	SF		258,551	
14	JSP	JSP-06	MANHOLE/VALVES ADJUST TO GRADE	LS		1	
15	JSP	JSP-07	STORM SEWER WORK -REMOVE INLET	EA		17	
16	JSP	JSP-18	REMOVAL OF EXISTING LIGHTING EQUIPMENT	EA		31	
17	JSP	JSP-23	REMOVAL OF EXISTING SIGNAL EQUIPMENT	EA		11	
18	JSP	JSP-08	REMOVE AND REPLACE FIRE HYDRANT	EA		9	
19	JSP	JSP-16	6" WATER PIPE	LF		200	
20	JSP	JSP-07	STORM SEWER WORK - NEW CURB/GRATE INLETS	EA		15	
21	JSP	JSP-07	STORM SEWER WORK - NEW MANHOLES	EA		4	
22	JSP	JSP-07	STORM SEWER WORK - 12-STORM SEWER PIPE	LF		450	
23	MoDOT	207	EARTHWORK - MACHINE GRADING	SF		122,900	
24	JSP	JSP-17	ROAD CURB - GRANITE CURB, SALVAGED	LF		3,200	
25	JSP	JSP-17	ROAD CURB - GRANITE CURB, NEW	LF		100	
26	JSP	JSP-40	ROAD CURB - CONCRETE CURB	LF		3,064	
27	MoDOT	403	SURFACE - ASPHALT ROADWAY PATCHING - SUPERPAVE SP125CLP (PG 70-22) MIX	SF		19,594	
28			(PAY ITEM NOT USED)				
29	MoDOT	403	SURFACE - ASPHALT ROADWAY MILL & OVERLAY - SUPERPAVE SP125CLP (PG 70-22) MIX	SF		217,319	
30			(PAY ITEM NOT USED)				
31	JSP	JSP-41	SURFACE - HEAVY DUTY CONCRETE PAVEMENT, 8" (DRIVEWAYS)	SF		10,930	
32	MoDOT	6083006 6092014	SURFACE - CONCRETE PEDESTRIAN REFUGE ISLANDS (CONCRETE CURB TYPE N/CONCRETE MEDIAN STRIP)	SF		4,549	
						SUBTOTAL:	

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ITEM #	SPEC	STANDARD SPEC PAY ITEM	ITEM DESCRIPTION	UNIT	UNIT COST	QTY	COST
SIGNING, STRIPING, SIGNALS, AND LIGHTING ITEMS							
33	JSP	JSP-19	LIGHTING - STREET LIGHT POLE (P1), PIPE ARM, DUAL LUMINAIRES, DIRECT BURY FOUNDATION	EA		61	
34	JSP	JSP-20	PLAZA LIGHTING - (SV1) LOW VOLTAGE LIGHTING IN-GRADE TRANSFORMER ENCLOSURE	EA		5	
35	JSP	JSP-29	PLAZA LIGHTING - CONDUIT, 1 IN., TRENCH WITH TRACER WIRE (LTG)	LF		402	
36	MoDOT	9017110	PLAZA LIGHTING - CABLE, 10 AWG 1 CONDUCTOR	LF		1,510	
37	MoDOT	9108343	PLAZA LIGHTING - CABLE, 14 AWG 2 CONDUCTOR (LOW VOLTAGE)	LF		560	
38	JSP	JSP-19	LIGHTING - PEDESTRIAN LIGHT PIPE ARM, LUMINAIRE ON SIGNAL POLE	EA		1	
39	JSP	JSP-29, 9025200	LIGHTING - CONDUIT, 2 IN., TRENCH WITH TRACER WIRE (LTG)	LF		6,182	
40	JSP	JSP-29, 9027200	LIGHTING - CONDUIT, 2 IN., PUSHED WITH TRACER WIRE (LTG)	LF		785	
41	MoDOT	9028208	LIGHTING - CABLE, 8 AWG 1 CONDUCTOR (LTG)	LF		45,977	
42	MoDOT	9028810	LIGHTING - PULL BOX, PREFORMED CLASS 1 (LTG)	EA		23	
43	JSP	JSP-20	ELECTRICAL POWER SUPPLY - EXTERIOR RECEPTACLE	EA		3	
44			(PAY ITEM NOT USED)				
45	JSP	JSP-20	ELECTRICAL POWER SUPPLY - STREET LIGHTING PANELBOARD AT SUBSTATION	EA		2	
46	MoDOT	9039902	SIGNALS - RRFBS	EA		9	
47	MoDOT	9020833	SIGNALS - SH-FLAT SHEET - SIGNAL SIGN	SF		350	
48	MoDOT	9020834	SIGNALS - SIGNAL SIGN, MOUNTING HARDWARE	EA		39	
49	MoDOT	9022704	SIGNALS - POST, SIGNAL 4 FT.	EA		9	
50	MoDOT	9022708	SIGNALS - POST, SIGNAL 8 FT.	EA		6	
51	MoDOT	9023115	SIGNALS - POST, TYPE CL, 15 FT. ARM	EA		2	
52	MoDOT	9023120	SIGNALS - POST, TYPE CL, 20 FT. ARM	EA		1	
53	MoDOT	9023125	SIGNALS - POST, TYPE CL, 25 FT. ARM	EA		1	
54	MoDOT	9023130	SIGNALS - POST, TYPE CL, 30 FT. ARM	EA		4	
55	MoDOT	9023135	SIGNALS - POST, TYPE CL, 35 FT. ARM	EA		1	
56	MoDOT	9023140	SIGNALS - POST, TYPE CL, 40 FT. ARM	EA		2	
57	MoDOT	9023145	SIGNALS - POST, TYPE CL, 45 FT. ARM	EA		1	
58	MoDOT	9020213	SIGNALS - SIGNAL HEAD, TYPE 3S	EA		15	
59	MoDOT	9020513	SIGNALS - SIGNAL HEAD, TYPE 3B	EA		38	
60	MoDOT	9020514	SIGNALS - SIGNAL HEAD, TYPE 4B	EA		1	
61	MoDOT	9020811	SIGNALS - SIGNAL HEAD, TYPE 1S, PEDESTRIAN	EA		40	
62	JSP	JSP-29	SIGNALS - CONDUIT, 2 IN., TRENCH WITH TRACER WIRE (SIGNAL)	LF		150	
63	JSP	JSP-29	SIGNALS - CONDUIT, 4 IN., TRENCH WITH TRACER WIRE (SIGNAL)	LF		400	
64	JSP	JSP-29	SIGNALS - CONDUIT, 4 IN., PUSHED WITH TRACER WIRE (SIGNAL)	LF		310	
65			(PAY ITEM NOT USED)			-	

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NATURAL BRIDGE AVENUE TO CASS AVE/GRAND TO SPRING AVE
STBG-5617(605) / CMAQ-5617(606) GRG #308ie SmithGroup #14004.000

ITEM #	SPEC	STANDARD SPEC PAY ITEM	ITEM DESCRIPTION	UNIT	UNIT COST	QTY	COST
66	MoDOT	9028308	SIGNALS - CABLE, 16 AWG 2 CONDUCTOR	LF		5,600	
67	MoDOT	9028310	SIGNALS - CABLE, 16 AWG 5 CONDUCTOR	LF		6,080	
68	MoDOT	9028311	SIGNALS - CABLE, 16 AWG 7 CONDUCTOR	LF		8,900	
69	JSP	9028811	SIGNALS - PULL BOX, PREFORMED CLASS 2	EA		4	
70	MoDOT	9029100	SIGNALS - BASE, CONCRETE	CU YD		33	
71	JSP	JSP-33	SIGNALS - APS UNIT WITH SIGN	EA		43	
72			(PAY ITEM NOT USED)			-	
73	JSP	JSP-35	SIGNALS - VEHICLE DETECTION SYSTEM	EA		5	
74	JSP	JSP-24	SIGNALS - TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING	LS		1	
75			(PAY ITEM NOT USED)			-	
76	MoDOT/STL	9011115	SIGNALS - BRACKET ARM, 15 FT, OR 4.6 M	EA		19	
77	MoDOT/STL	9011311	SIGNALS - LUMINAIRE, LED-A	EA		19	
78			(PAY ITEM NOT USED)			-	
79	MoDOT/STL	9028302	SIGNALS - CABLE 12 AWG 2 CONDUCTOR	EA		3,650	
80	MoDOT	9035004A	REG SIGNAGE - FLAT SHEET SIGN	SF		186	
81	MoDOT	9031250A	REG SIGNAGE - U-CHANNEL POST, 3 LB	LF		360	
82	MoDOT	6206000C	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF		6,122	
83	MoDOT	6206001C	4 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF		12,250	
84	MoDOT	6200012	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12 IN WHITE	LF		109	
85	MoDOT	6200012A	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12 IN YELLOW	LF		228	
86	MoDOT	6200015	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	LF		2,918	
87	MoDOT	6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	EA		83	
88	MoDOT	6209903	PREFORMED THERMOPLASTIC PAVEMENT MARKING, ADA PARKING	EA		16	
137	MoDOT	9031280	REG SIGNAGE - 2.5 IN PSST POST	LF		65	
138	MoDOT	9031281A	REG SIGNAGE - DRIVEN POST ANCHOR 2.5 IN PSST - 7 GA	EA		5	
						SUBTOTAL:	
BICYCLE AND PEDESTRIAN ITEMS							
89A	JSP	JSP-41	SURFACE - CONCRETE PAVEMENT (SIDEWALKS)	SF		66,720	
89B	JSP	JSP-41	SURFACE - CONCRETE PAVEMENT (ST LOUIS PLAZA SIDEWALKS)	SF		1,895	
90	JSP	JSP-43	SURFACE - UNIT PAVING ON CONCRETE	SF		1,237	
91	JSP	JSP-43	SURFACE - STEEL EDGING AT UNIT PAVING	LF		170	
92	JSP	JSP-44	SURFACE - DETECTABLE WARNING	SF		1,115	
93	JSP	JSP-49	TRANSIT - BUS SHELTER	EA		10	
						SUBTOTAL:	
LANDSCAPING ITEMS							

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ITEM #	SPEC	STANDARD SPEC PAY ITEM	ITEM DESCRIPTION	UNIT	UNIT COST	QTY	COST
94	JSP	JSP-53	TREE PRUNING	EA		20	
95	JSP	JSP-54	TREE PROTECTION FENCE	LF		410	
96	MoDOT	2019902	REMOVALS - TREES (SMALL)	EA		14	
97	MoDOT	2019902	REMOVALS - TREES (LARGE)	EA		13	
98	MoDOT	2013000	REMOVALS - LAWN/LANDSCAPE AREA	SF		13,217	
99	JSP	JSP-50	LANDSCAPE - STRUCTURAL SOIL	CY		1,004	
100	JSP	JSP-52	LANDSCAPE - PLANTING SOIL	CY		732	
101	JSP	JSP-55	LANDSCAPE - TURFGRASS SOD	SY		3,044	
102	JSP	JSP-56	LANDSCAPE - PERENNIAL, 2X5 DEEP CELL PLUG	EA		782	
103	JSP	JSP-56	LANDSCAPE - PERENNIAL, 4" (1 QUART) CONTAINER	EA		597	
104	JSP	JSP-56	LANDSCAPE - PERENNIAL, #1 (1 GALLON) CONTAINER	EA		145	
105	JSP	JSP-56	LANDSCAPE - SHRUB, #3 (3 GALLON) TO #10 (10 GALLON)	EA		50	
106	JSP	JSP-56	LANDSCAPE - TREE, ORNAMENTAL (2.5" CALIPER OR #25 TO #65 GALLON)	EA		31	
107	JSP	JSP-56	LANDSCAPE - TREE, SHADE (3" CALIPER OR #45 TO #95/100 GALLON)	EA		53	
108	JSP	JSP-56	LANDSCAPE - TREE, SHADE (3.5" CALIPER OR #65 TO #95/100 GALLON)	EA		14	
109	JSP	JSP-56	LANDSCAPE - MULCH	CY		36	
110	JSP	JSP-56	LANDSCAPE - LANDSCAPE PROTECTION BARRIER	LF		863	
111	JSP	JSP-56	LANDSCAPE - TREE STABILIZATION	EA		98	
112	JSP	JSP-56	LANDSCAPE - LANDSCAPE IRRIGATION BAGS	EA		98	
						SUBTOTAL:	
NON-FEDERAL PARTICIPATING ITEMS							
113	JSP	JSP-57	LANDSCAPE - IRRIGATION SLEEVES	LF		650	
114	JSP	JSP-57	LANDSCAPE - AREAS TO BE IRRIGATED	SF		3,110	
115	JSP	JSP-49	TREE GRATE AND FRAME, 5X5	EA		14	
116	JSP	JSP-49	SITE FURNISHINGS - BENCH, BACKED	EA		5	
117	JSP	JSP-49	SITE FURNISHINGS - BENCH, BACKLESS	EA		3	
118	JSP	JSP-49	SITE FURNISHINGS - WASTE RECEPTACLES (TRASH)	EA		8	
119	JSP	JSP-49	SITE FURNISHINGS - WASTE RECEPTACLES (RECYCLING)	EA		1	
120	JSP	JSP-49	SITE FURNISHINGS - BIKE RACKS	EA		3	
121	JSP	JSP-47	PLAZA - SCULPTURE FOUNDATION	CY		5	
122	JSP	JSP-47/JSP-48	PLAZA - SCULPTURE FOUNDATION - GRANITE VENEER	SF		71	
123	JSP	JSP-47	PLAZA - SKATE DETERRENTS	EA		56	
124	JSP	JSP-45	PLAZA - STAIR A	LF		5	
125	JSP	JSP-45	PLAZA - STAIR B	LF		3	

BID FORM: GRAND AND CASS AVENUE CORRIDOR IMPROVEMENTSNATURAL BRIDGE AVENUE TO CASS AVE/GRAND TO SPRING AVE
STBG-5617(605) / CMAQ-5617(606) GRG #308ie SmithGroup #14004.000

ITEM #	SPEC	STANDARD SPEC PAY ITEM	ITEM DESCRIPTION	UNIT	UNIT COST	QTY	COST
126	JSP	JSP-58	PLAZA - HANDRAIL	LF		18	
127	JSP	JSP-43	PLAZA - GRANITE PAVER BAND	LF		254	
128	JSP	JSP-47	PLAZA - GRANITE PLANTER CURB	LF		60	
129	JSP	JSP-19	PLAZA LIGHTING - PEDESTRIAN LIGHT POLE (PL#), PIPE ARM, WITH FOUNDATION	EA		2	
130	JSP	JSP-19	PLAZA LIGHTING - (SB3) AIMABLE FLOODLIGHTS WITH ADJUSTABLE BEAM OPTICS ON POLE	EA		8	
131	JSP	JSP-19	PLAZA LIGHTING - (SB4) IN-GRADE SCULPTURE UPLIGHT WITH IN-GRADE HOUSING INSTALLATION	EA		3	
132	JSP	JSP-19	PLAZA LIGHTING - (SB5) AIMABLE TREE FLOODLIGHTS MOUNTED TO GROUND	EA		14	
133	JSP	JSP-7	PLAZA - SLOT DRAIN	LF		74	
134	JSP	JSP-49	BENCH - ST LOUIS PLAZA TYPE 1 - STRAIGHT	EA		4	
135	JSP	JSP-49	BENCH - ST LOUIS PLAZA TYPE 2 - LEFT/RIGHT	EA		3	
136	JSP	JSP-20	ELECTRICAL POWER SUPPLY - PLAZA LIGHTING, EXTERIOR GROUND BOX	EA		2	
						SUBTOTAL:	
ROADWAY SUBTOTAL:							
SIGNING, STRIPING, SIGNALS, AND LIGHTING SUBTOTAL:							
BICYCLE AND PEDESTRIAN SUBTOTAL:							
LANDSCAPING SUBTOTAL:							
FEDERAL TOTAL:							
NON-FEDERAL PARTICIPATING SUBTOTAL:							
ALLOWANCE (UNSUITABLE SOILS AND UNFORESEEN CONDITIONS):						\$	100,000
ALLOWANCE (PERMITS):						\$	10,000
TOTAL:							

ITEM#	CODE#	ITEM	UNIT	QTY
1	6181000	MORTARION	LS	1
2	6181000	INSTALLATION OF TEMPORARY TRAFFIC CONTROL	LS	1
3	6181000	CHANGIBLE MESSAGE SIGN W/O COMM INTERFACE, CONTRACTOR	EA	6
4	6181000	PARABOLIC ARCHED	LS	2
5	6181000	SEMENT AND EROSION CONTROL	LS	1
6	6181000	CONTRACTOR FURNISHED SURVIVING AND STANDING	CY	2,000
7	6181000	DISPOSAL OF CONTAMINATED SOIL	EA	26
8	104.1	REMOVALS - TWO OBJECTS (SIGNS, MAILBOXES)	EA	76
9	104.1	PLYWOOD BARRIER REMOVAL	LF	1,605
10	6181000	CONCRETE CURB REMOVAL	LF	3,883
11	6181000	GRANITE CURB REMOVAL AND STORAGE	SF	110,800
12	6181000	PAVEMENT REMOVAL - CONCRETE	SF	80,000
13	6181000	PAVEMENT REMOVAL - ASPHALT - FULL DEPTH	SF	255,551
14	6181000	PAVEMENT REMOVAL - MILL ASPHALT AND HAUL OFF	LS	1
15	6181000	MANHOLE VALVES ADJUST TO GRADE	EA	17
16	6181000	STORM SEWER WORK - REMOVE INLET	EA	31
17	6181000	REMOVAL OF EXISTING LIGHTING EQUIPMENT	EA	11
18	6181000	REMOVAL OF EXISTING SIGNAL EQUIPMENT	EA	9
19	6181000	REMOVE AND REPLACE FIRE HYDRANT	LF	200
20	6181000	STORM SEWER WORK - NEW CURB/GR/INLETS	EA	15
21	6181000	STORM SEWER WORK - NEW MANHOLES	EA	4
22	6181000	STORM SEWER WORK - 12" STORM SEWER PIPE	LF	450
23	207	EARTHWORK - MACHINE GRADING	SF	22,500
24	6181000	ROAD CURB - GRANITE CURB, NEW	LF	100
25	6181000	ROAD CURB - GRANITE CURB, SALVAGED	LF	3,064
26	6181000	ROAD CURB - CONCRETE CURB	SF	19,594
27	6181000	SURFACE - CONCRETE ROADWAY PATCHING - SURFING & RESURFACING	SF	19,594
28	6181000	PAVEMENT (ITEM NOT USED)	EA	5
29	403	SURFACE - ASPHALT ROADWAY MILLS & OVERLAY - SUPERPAVE 9.25/25.5P PG 251 MIX	SF	217,319
30	6181000	PAVEMENT (ITEM NOT USED)	SF	10,590
31	6181000	SURFACE - HEAVY DUTY CONCRETE (AVERAGE 8" DEPTH) (ITEM NOT USED)	SF	4,549
32	6083006	SURFACE - CONCRETE PEDIESTRIAN/BIKE LANES	EA	61
33	6083006	LIGHTING - STREET LIGHT (TYPE 1) - PRE-CAST DUAL LUMINAIRES, DIRECT BURN DOWN	EA	6,182
34	6181000	PAVEMENT (ITEM NOT USED)	EA	785
35	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	45,977
36	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	23
37	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	3
38	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
39	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
40	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
41	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
42	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
43	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
44	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
45	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
46	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
47	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
48	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
49	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
50	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
51	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
52	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
53	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
54	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
55	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
56	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
57	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
58	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
59	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
60	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
61	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
62	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
63	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
64	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2
65	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	9
66	6181000	LIGHTING - CONDUIT 3/4" IN. TRENCH WITH TRACER WIRE (10')	EA	2

ITEM#	CODE #	ITEM	UNIT	QTY
90	JS9-43	SURFACE - UNIT PAVING ON CONCRETE	SF	2,237
91	JS9-43	SURFACE - STEEL DRIVING A UNIT PAVING	LF	170
92	JS9-44	SURFACE - DETECTABLE WARNING	SF	2,115
93	JS9-49	TRANSIT - BUS SHELTER	EA	10
94	JS9-53	TREE PRUNING	EA	20
95	JS9-54	TREE PROTECTION FENCE	LF	410
96	JS203902	REMOVALS - TREES (SMALL)	EA	14
97	JS203902	REMOVALS - TREES (LARGE)	EA	13
98	JS203900	REMOVALS - LANDSCAPE AREA	SF	12,237
99	JS9-50	LANDSCAPE - STRUCTURAL SOIL	CY	2,004
100	JS9-52	LANDSCAPE - PLANTING SOIL	CY	792
101	JS9-55	LANDSCAPE - TURFGRASS SOIL	SF	3,044
102	JS9-56	LANDSCAPE - PERENNIAL 2X6 DEEP CELL PLUG	EA	782
103	JS9-56	LANDSCAPE - PERENNIAL - 1' C1 QUARTY CONTAINER	EA	597
104	JS9-56	LANDSCAPE - PERENNIAL - #1 (1 GALLON) CONTAINER	EA	145
105	JS9-56	LANDSCAPE - SHRUB - #1 (3 GALLON) TO #20 (10 GALLON)	EA	50
106	JS9-56	LANDSCAPE - TREE - ORNAMENTAL (12.5" CALIPER OR #25 TO #65 GALLON)	EA	31
107	JS9-56	LANDSCAPE - TREE - SHADE (3" CALIPER OR #45 TO #95/100 GALLON)	EA	53
108	JS9-56	LANDSCAPE - TREE - SHADE (3.5" CALIPER OR #65 TO #95/100 GALLON)	EA	14
109	JS9-56	LANDSCAPE - MULCH	CY	36
110	JS9-56	LANDSCAPE - LANDSCAPE PROTECTION BARRIER	LF	863
111	JS9-56	LANDSCAPE - TREE STABILIZATION	EA	88
112	JS9-56	LANDSCAPE - LANDSCAPE IRRIGATION BAGS	EA	88
113	JS9-57	LANDSCAPE - IRRIGATION SLEEVES	LF	650
114	JS9-57	LANDSCAPE - AREAS TO BE IRRIGATED	SF	3,110
115	JS9-49	TREE GRATE AND FRAME, 20S	EA	14
116	JS9-49	ITE FURNISHINGS - BENCH BACKED	EA	5
117	JS9-49	ITE FURNISHINGS - BENCH BACKLESS	EA	3
118	JS9-49	ITE FURNISHINGS - WASTE RECEPTACLES (TRASH)	EA	8
119	JS9-49	ITE FURNISHINGS - WASTE RECEPTACLES (RECYCLING)	EA	1
120	JS9-49	ITE FURNISHINGS - BUNK BACKS	EA	3
121	JS9-47	PAZA - SCULPTURE FOUNDATION	CY	5
122	JS9-47/JS9-48	PAZA - SCULPTURE FOUNDATION - GRANITE VENER	SF	71
123	JS9-47	PAZA - SATE DETERMINERS	EA	56
124	JS9-45	PAZA - STAIR A	LF	5
125	JS9-45	PAZA - STAIR B	LF	3
126	JS9-58	PAZA - HANDRAIL	LF	18
127	JS9-43	PAZA - GRANITE AWEER BAND	LF	254
128	JS9-47	PAZA - GRANITE PLANTER CURB	LF	60
129	JS9-19	PAZA LIGHTING - PERFORATION LIGHT POLE (PAZA) PIPE ARM WITH FOUNDATION	EA	2
130	JS9-19	PAZA LIGHTING - (183) ANIMABLE FLOODLIGHTS WITH ADJUSTABLE IN-PAZA OPTICS ON POLE	EA	8
131	JS9-19	PAZA LIGHTING - (183) ANIMABLE SCULPTURE UPGHIT WITH IN-PAZA GROUNDING INSTALLATION	EA	3
132	JS9-19	PAZA LIGHTING - (183) ANIMABLE TREE FLOODLIGHTS MOUNTED TO GROUND	EA	14
133	JS9-7	PAZA - SLOT DRAIN	LF	74
134	JS9-49	BENCH - 51 (LOUIS PAZA TYPE 1 - STRAIGHT)	EA	4
135	JS9-49	BENCH - 51 (LOUIS PAZA TYPE 2 - LEFT/RIGHT)	EA	3
136	JS9-20	ELECTRICAL POWER SUPPLY - PAZA LIGHTING, EXTERIOR GROUND BOX	EA	2

Owner: Great Rivers Greenway

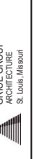
35 EAST WACKER
SUITE 900
CHICAGO, IL 60601
312.641.0770
www.smifgroup.com

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KEY PLANS

DRAWING TITLE

PROJECT NUMBER 14004,000
DRAWING NUMBER G2-001
— OF 231



REVISION FOR	REV	DATE
80' JUNCTION R/W	2	4/23/2025
ISSUED FOR R/W	1	12/16/2024

SEAL AND SIGNATURES

KEY PLAN

DRAWING TITLE
CITY LIGHTING
SPECIFICATIONS AND
DETAILS DETAILS

PROJECT NUMBER
14004.000
DRAWING NUMBER
E1-501
135 OF 231



Lighting Circulating Schedule

Sheet	Sheet	File ID	File ID	Cond'd	Callout	Substation Number	Road Leg Circuit	Position Leg Circuit
E1-103	Oaks Ave	R21	R22	Z	6#83	16	4	7
E1-103	Oaks Ave	R22	R23	Z	6#83	16	4	7
E1-103	Oaks Ave	R23	R24	Z	6#83	16	4	7
E1-104	Oaks Ave	R24	R25	Z	6#83	16	4	7
E1-104	Oaks Ave	R25	R26	Z	6#83	12	4	7
E1-104	Gand Blvd	R26	R27	Z	6#83	12	4	6
E1-104	Gand Blvd	R27	R28	Z	6#83	12	4	6
E1-105	Gand Blvd	R28	R29	Z	6#83	12	4	6
E1-105	Gand Blvd	R29	R30	Z	6#83	12	4	6
E1-105	Gand Blvd	R30	R31	Z	6#83	12	4	6
E1-105	Gand Blvd	R31	R32	Z	6#83	12	4	6
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