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CITY OF JOLIET, IL

May 31, 2024

Chicago Street Streetscape (Jefferson-Cass) City Square & Watermain Improvements
CONTRACT NO. 2814-0624

ADDENDUM NO. 1

To: Prospective Bidders

This addendum consists of three (3) pages and the following attachments:

1. Revised the schedule of prices.
2. Revised page 9 of specifications, CITY SQUARE SITE PREPARATION.
3. Revised page 115 of specifications, IRRIGATION SYSTEM.
4. Included new specification for REMOTE CONTROLLER VIDEO SYSTEM, DMX CONTROLLER, SMART LIGHTING SYSTEM, IN-GROUND LIGHTING, and LED STRIP LIGHTING.
5. Revised plan sheets 2-13, 17-18, 27-31, 34, 36, 52, 54-57, 59-60, 64-65, 69, 71-72, 86, 88-89, 96-98, 101, 103, 107-111, 119-120, 122, 126 132-133, 158, 167, 169-174, 182, & 196.
6. Added plan sheets 13A, 13B, & 183A

The attention of all prospective bidders on the above referenced project is called to the following listed modifications in the contract documents:

GENERAL:

1. The bid due date has been revised to 10:00 A.M. local time on Tuesday, June 11, 2024. Revised Page 2 of the Local Public Agency Formal Contract Proposal (BLR 12200) is included in this addendum.

SPECIFICATIONS:

1. Page 9, CITY SQUARE SITE PREPARATION: Included 2nd paragraph to read: "This shall be paid for as FOUNDATION WALL REMOVAL. This work will be paid for at the contract unit price per square foot and shall include all labor, materials, and equipment necessary to complete the work."
2. Page 115, IRRIGATION SYSTEM: Revise Method of Measurement and Basis of Payment to read: "Method of Measurement: This work will be measured in place and the entire system measured as FOOT for the mainline length for IRRIGATION SYSTEM.
   Basis of Payment: This work will be paid for at the contract unit price for FOOT for IRRIGATION SYSTEM, which shall include all material, labor, equipment, and all incidental work necessary to perform the work described above."
3. REMOTE CONTROLLER VIDEO SYSTEM was included.
4. DMX CONTROLLER was included.
5. SMART LIGHTING SYSTEM was included.
6. IN-GROUND LIGHTING was included.
7. LED STRIP LIGHTING was included.

PLAN SHEETS:

1. Sheet 2: Added Highway Standards 420001-10 and 606001-08.
2. Sheets 3-13B: Updated SOQ
3. Sheets 17-18: Updated typical section stationing. Updated Carriage walk to be PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH.
4. Sheets 27-28: Updated removal Schedules.
5. Sheets 29-31: Updated alley widths. Updates Carriage walk call-off.
6. Sheet 34: Included note call-off for alley pavement.
7. Sheet 36: Extended curb and gutter through the crossing and added DETECTABLE WARNING call-off.
8. Sheet 52: Note Updated.
9. Sheet 54-57: Note Updated. Updated underdrain.
10. Sheet 59: Note Updated. Updated underdrain. Updated structures.
11. Sheet 60: Note Updated. Fountain drain pipe updated.
12. Sheet 64: Legend Removed.
13. Sheet 65: Ground Hydrant layout updated. Invert added to sanitary structure.
14. Sheet 69: Ground Hydrant layout updated.

15. Sheet 71-72: Fiber Optic layout updated.
16. Sheet 86: Curb and gutter added to reflect Plan sheets. Sidewalks updated.
17. Sheet 88: Sidewalk Updated.
18. Sheet 89: Notes Updated.
19. Sheet 96-98: Irrigation removed along Chicago Street
20. Sheet 101: Note Updated.
21. Sheet 103: Notes Updated.
22. Sheet 107: Water Feature Planter – Plan View Layout Updated.
23. Sheet 108: Sheet Updated.
24. Sheet 109: Notes added.
25. Sheet 110-111: Details Updated.
26. Sheet 119: Notes Updated.
27. Sheet 120: Detail Updated.
28. Sheet 122: Notes Added.
29. Sheet 126: Note Added.
30. Sheet 132-133: Notes added and updated.
31. Sheet 158: Updated Legend and Lighting SOQ
32. Sheet 167: Updated cable callout.
33. Sheet 169: Updated light pole location.
34. Sheet 170: Updated light pole wiring linetype, added DMX controller and conduit run, added LED strip lighting conduit run, updated junction box size, added notes,
35. Sheet 171: Updated circuits, and item type callout
36. Sheet 172: Updated legend, light pole location, and added a conduit connection.
37. Sheet 173: Updated legend and callouts.
38. Sheet 174: Updated legend, callout, and load table.
39. Sheet 182: Updated panel wiring diagram, branch line circuit breakers, and added note.
40. Sheet 183A: Sheet added of DMX oneline diagram.
41. Sheet 196: Update to Shade Structure Typical Section.

Acknowledgement of any possible addenda must be included with the Bid packet.

END OF ADDENDUM NO. 1

Illinois Department of Transportation

Schedule of Prices

Contractor's Name

Contractor's Address	City	State	Zip Code

Local Public Agency	County	Section Number
City of Joliet	Will	21-00545-00-RP

Route(s) (Street/Road Name)

Chicago Street Streetscape (Jefferson to Cass) City Square & Watermain Improvements

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Add Combination

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	76		
2	EARTH EXCAVATION	CU YD	2,316		
3	ROCK EXCAVATION	CU YD	1,113		
4	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,000		
5	INLET FILTERS	EACH	53		
6	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,200		
7	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	4,500		
8	AGGREGATE BASE COURSE, TYPE B	CU YD	145		
9	AGGREGATE BASE COURSE TYPE B, 4"	SQ YD	3,408		
10	AGGREGATE BASE COURSE TYPE B, 10"	SQ YD	7,999		
11	AGGREGATE FOR TEMPORARY ACCESS	TON	50		

Item Number	Items	Unit	Quantity	Unit Price	Total
12	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	16		
13	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	16		
14	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	3,564		
15	PROTECTIVE COAT	SQ YD	5,224		
16	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17,924		
17	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	4,711		
18	DETECTABLE WARNING	SQ FT	220		
19	PAVEMENT REMOVAL	SQ YD	8,219		
20	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	187		
21	DRIVEWAY PAVEMENT REMOVAL	SQ YD	5,655		
22	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,199		
23	SIDEWALK REMOVAL	SQ FT	13,181		
24	CLASS C PATCHES, TYPE IV, 7 INCH	SQ YD	223		
25	CLASS C PATCHES, TYPE IV, 15 INCH	SQ YD	95		
26	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4 12"	FOOT	513		
27	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4 18"	FOOT	289		
28	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4 30"	FOOT	18		
29	STORM SEWER REMOVAL 6"	FOOT	27		
30	STORM SEWER REMOVAL 8"	FOOT	38		

Item Number	Items	Unit	Quantity	Unit Price	Total
31	STORM SEWER REMOVAL 10"	FOOT	22		
32	STORM SEWER REMOVAL 12"	FOOT	421		
33	STORM SEWER REMOVAL 24"	FOOT	344		
34	STORM SEWER REMOVAL 33"	FOOT	21		
35	STORM SEWER REMOVAL, EQUIVALENT ROUND-SIZE 30"	FOOT	22		
36	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	0		
37	PIPE UNDERDRAINS, TYPE 1, 6" (SPECIAL)	FOOT	0		
38	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	14		
39	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	0		
40	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6		
41	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	15		
42	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		
43	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6		
44	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		
45	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	10		
46	CATCH BASINS TO BE ADJUSTED	EACH	1		
47	MANHOLES TO BE ADJUSTED	EACH	1		
48	REMOVING MANHOLES	EACH	17		
49	REMOVING INLETS	EACH	11		

Item Number	Items	Unit	Quantity	Unit Price	Total
50	REMOVING MANHOLES TO MAINTAIN FLOW	EACH	1		
51	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	3,213		
52	MOBILIZATION	LSUM	1		
53	CHANGEABLE MESSAGE SIGN	CAL DA	2,250		
54	TEMPORARY CONCRETE BARRIER	FOOT	875		
55	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	525		
56	SIGN PANEL - TYPE 1	SQ FT	38		
57	REMOVE SIGN PANEL ASSEMBLY-TYPE A	EACH	18		
58	TELESCOPING STEEL SIGN SUPPORT	FOOT	84		
59	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	32		
60	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,308		
61	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,010		
62	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	223		
63	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	118		
64	ELECTRIC SERVICE INSTALLATION	EACH	4		
65	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1		
66	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	FOOT	734		
67	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	7,511		
68	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	3,730		

Item Number	Items	Unit	Quantity	Unit Price	Total
69	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	437		
70	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	0		
71	HANDHOLE	EACH	10		
72	HEAVY-DUTY HANDHOLE	EACH	5		
73	AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	2,075		
74	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	253		
75	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	43		
76	REMOVAL OF POLE FOUNDATION	EACH	43		
77	REMOVAL OF LIGHTING CONTROLLER	EACH	1		
78	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1		
79	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	14,424		
80	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		
81	REMOVE EXISTING HANDHOLE	EACH	22		
82	REMOVE EXISTING CONCRETE FOUNDATION	EACH	10		
83	REMOVE ABANDONED GAS MAIN	FOOT	1,072		
84	SANITARY SEWER REMOVAL	FOOT	941		
85	REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	2		
86	EXPLORATION TRENCH, SPECIAL	FOOT	4,000		
87	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	7		

Item Number	Items	Unit	Quantity	Unit Price	Total
88	TEMPORARY ACCESS (ROAD)	EACH	7		
89	BRICK SIDEWALK REMOVAL	SQ FT	2,459		
90	REMOVE EXISTING WATER VALVE	EACH	10		
91	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LSUM	1		
92	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	72		
93	TEMPORARY LIGHTING SYSTEM	L SUM	1		
94	CONSTRUCTION LAYOUT	L SUM	1		
95	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	15		
96	TEMPORARY CONSTRUCTION FENCE	FOOT	3,020		
97	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	431		
98	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	13		
99	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	370		
100	TEMPORARY PAVEMENT	SQ YD	1,535		
101	AIR EXCAVATION	SQ YD	52		
102	SOIL CONDITIONER	CU YD	10		
103	LINEAR DETECTABLE WARNING TILES (CAST IRON)	SQ FT	1,066		
104	CONCRETE PLANTER CURB	FOOT	2,133		
105	CONCRETE FLUSH CURB	FOOT	1,095		
106	WATER TAP	EACH	1		

Item Number	Items	Unit	Quantity	Unit Price	Total
107	WATER METER IN VAULT	EACH	1		
108	IRRIGATION SYSTEM	EACH	1,169		
109	BACKFLOW PREVENTER (RPZ)	EACH	1		
110	WATER FEATURE COMPONENTS	LSUM	1		
111	WATER FEATURE BASE	EACH	3		
112	4X12 PEDESTRIAN CLAY BRICK PAVERS ON 5" PCC SLAB (RED BLEND)	SQ FT	18,284		
113	4X12 PEDESTRIAN CLAY BRICK PAVERS ON 5" PCC SLAB (GREY BLEND)	SQ FT	10,486		
114	4X8 VEHICULAR CLAY BRICK PAVERS ON 8" PCC SLAB (RED BLEND)	SQ FT	15,750		
115	4X8 VEHICULAR CLAY BRICK PAVERS ON 8" PCC SLAB (GREY BLEND)	SQ FT	2,854		
116	ARTIFICIAL TURF PADDING AND NAILER BOARDS	SQ FT	13,443		
117	AGGREGATE BASE COURSE CA-7 6" DEPTH	SQ YD	1,492		
118	PLANTER SOIL MIX	CU YD	833		
119	PERENNIAL, ALLIUM TANGUTICUM, #1 CG	EACH	124		
120	PERENNIAL, DALEA PURPUREA, #1 CG	EACH	34		
121	PERENNIAL, ECHINACEA PURPUREA ‘MAGNUS’, #1 CG	EACH	158		
122	PERENNIAL, HEMEROCALLIS ‘CHICAGO APACHE’, #1 CG	EACH	96		
123	PERENNIAL, HEMEROCALLIS ‘HAPPY RETURNS’, #1 CG	EACH	63		
124	PERENNIAL, KOELERIA MACRANTHA, #1 CG	EACH	227		
125	PERENNIAL, LOBELIA CRDINALIS, #1 CG	EACH	234		

Item Number	Items	Unit	Quantity	Unit Price	Total
126	PERENNIAL, PENSTEMON DIGITALIS, #1 CG	EACH	71		
127	PERENNIAL, RUELLA HUMILIS, #1 CG	EACH	13		
128	PERENNIAL, RUDBECKIA HIRTA, #1 CG	EACH	96		
129	PERENNIAL, SALVIA NEMEROSA 'BLUE HILL', #1 CG	EACH	93		
130	PERENNIAL, SEDUM KAMTSCHATICUM, #1 CG	EACH	225		
131	SHRUB, HYDRANGEA QUERCIFOLIA, #3 CG	EACH	54		
132	SHRUB, SPIRAEA BETULIFOLIA, #3 CG	EACH	21		
133	TREE, ACER X FREEMANII, 3" CAL, BALLED AND BURLAPPED	EACH	7		
134	TREE, CARPINUS CAROLINIANA, 3" CAL, BALLED AND BURLAPPED	EACH	2		
135	TREE, CERCIS CANADENSIS, 3" CAL, BALLED AND BURLAPPED	EACH	6		
136	TREE, CELTIS OCCIDENTALIS, 3" CAL, BALLED AND BURLAPPED	EACH	8		
137	TREE, GYMNOCLADUS DIOICUS, 3" CAL, BALLED AND BURLAPPED	EACH	3		
138	TREE, HAMAMELIS VIRGINIANA, 2" CAL, BALLED AND BURLAPPED	EACH	6		
139	TREE, QUERCUS BICOLOR, 3" CAL, BALLED AND BURLAPPED	EACH	5		
140	TREE, SYRINGA RETICULATA, 2" CAL, BALLED AND BURLAPPED	EACH	15		
141	TREE, TAXODIUM DISTICHUM, 3" CAL, BALLED AND BURLAPPED	EACH	8		
142	TREE, TILIA AMERICANA, 3" CAL, BALLED AND BURLAPPED	EACH	4		
143	TREE, ULMUS X DAVIDIANA PUMILA, 3" CAL, BALLED AND BURLAPPED	EACH	7		
144	SHREDDED HARDWOOD BARK MULCH	CY YD	52		

Item Number	Items	Unit	Quantity	Unit Price	Total
145	SEAT WALLS	FOOT	577		
146	MASONRY WALL	FOOT	128		
147	DECORATIVE FENCE WALL (TYPE A)	FOOT	89		
148	DECORATIVE FENCE WALL (TYPE B)	FOOT	82		
149	DECORATIVE FENCE	FOOT	152		
150	MASONRY PIERS	EACH	10		
151	SHADE STRUCTURE MASONRY PIER	EACH	44		
152	TRASH ENCLOSURE SWING DOOR	EACH	9		
153	SOIL CELLS	CU FT	2,807		
154	BOLLARDS	EACH	93		
155	REMOVABLE BOLLARDS	EACH	15		
156	COMMUNITY IDENTIFIERS	EACH	4		
157	LIGHT POLE IDENTIFIERS	EACH	6		
158	TIERED SEATING	EACH	4		
159	MAIN STAGE CANOPY	EACH	1		
160	MAIN STAGE MASONRY WALL EDGE	EACH	1		
161	FRONT STAGE SIGN	EACH	1		
162	REAR STAGE SIGN	EACH	1		
163	SHADE STRUCTURE	EACH	4		

Item Number	Items	Unit	Quantity	Unit Price	Total
164	SWING BENCHES	EACH	0		
165	FAMILY STAGE BOOK FAÇADE	EACH	1		
166	FAMILY STAGE CANOPY	EACH	1		
167	MUSICAL INSTRUMENT - CASCADIA BELLS	EACH	1		
168	MUSICAL INSTRUMENT - TALK TUBE	EACH	2		
169	MUSICAL INSTRUMENT - TENOR TREE	EACH	1		
170	MUSICAL INSTRUMENT - TOUNGE DRUM	EACH	1		
171	MUSICAL INSTRUMENT - LILLYPAD CYMBALS	EACH	1		
172	BIKE RACKS	EACH	0		
173	METAL BENCHES	EACH	0		
174	TRASH RECEPTACLES	EACH	0		
175	METAL TABLES	EACH	0		
176	LIMESTONE STEPPERS	EACH	6		
177	LIMESTONE BLOCK SEATING	EACH	5		
178	STORY BOARDS	EACH	6		
179	FREESTANDING POTS	EACH	44		
180	LEAF SHADE STRUCTURES	EACH	3		
181	BUTTERFLY BENCHES	EACH	3		
182	BOOK SCULPTURES	EACH	2		

Item Number	Items	Unit	Quantity	Unit Price	Total
183	ANTI-GRAFITTI COATING	SQ FT	4,250		
184	HOLIDAY TREE MOUNTING BRACKET AND CAP	LSUM	1		
185	SIDEWALK VAULT REMOVAL AND FILL	EACH	3		
186	CITY SQUARE SITE PREPARATION	LSUM	1		
187	CONCRETE WATER FOUNTAIN REMOVAL	L SUM	1		
188	HOT MIX ASPHALT REMOVAL AND REPLACEMENT, 10" BINDER AND 2" SURFACE	SQ YD	1,186		
189	SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	750		
190	STREETSCAPE BRICK REMOVE AND REPLACE	SQ FT	427		
191	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	350		
192	SANITARY MANHOLE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
193	SANITARY MANHOLE, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7		
194	SANITARY SEWER, 2", PVC	FOOT	32		
195	SANITARY SEWER, 4", PVC	FOOT	0		
196	SANITARY SEWER, 8", PVC	FOOT	90		
197	SANITARY SEWER, 18", PVC PLASTIC PRESSURE PIPE	FOOT	915		
198	PLUG PIPE	EACH	4		
199	LATERAL CLEANING AND TELEVISING	EACH	17		
200	SANITARY SEWER CONNECTION TO EXISTING SERVICE	EACH	17		
201	DUCTILE IRON PIPE MOBILIZATION	FOOT	2,706		

Item Number	Items	Unit	Quantity	Unit Price	Total
202	DUCTILE IRON WATERMAIN, 4 INCH	FOOT	18		
203	DUCTILE IRON WATERMAIN, 6 INCH	FOOT	602		
204	DUCTILE IRON WATERMAIN, 8 INCH	FOOT	294		
205	DUCTILE IRON WATERMAIN, 10 INCH	FOOT	49		
206	DUCTILE IRON WATERMAIN, 12 INCH	FOOT	1,763		
207	DUCTILE IRON WATERMAIN, 24 INCH	FOOT	753		
208	MISCELLANOUS FITTINGS	POUND	3,750		
209	CONNECTION TO EXISTING WATER MAIN (PRESSURE), 10 INCH	EACH	2		
210	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), 12 INCH	EACH	2		
211	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), 24 INCH	EACH	1		
212	ADJUSTING WATER MAIN, 10 INCH	FOOT	10		
213	ADJUSTING WATER MAIN, 12 INCH	FOOT	10		
214	ADJUSTING WATER MAIN, 24 INCH	FOOT	10		
215	GATE VALVE, 6 INCH	EACH	3		
216	GATE VALVE, 8 INCH	EACH	4		
217	GATE VALVE, 12 INCH	EACH	7		
218	BUTTERFLY VALVE, 24 INCH	EACH	2		
219	VALVE VAULT, 4'	EACH	2		
220	VALVE VAULT, 5'	EACH	7		

Item Number	Items	Unit	Quantity	Unit Price	Total
221	VALVE VAULT, 6'	EACH	2		
222	VALVE BOX	EACH	6		
223	LINE STOP, 10 INCH	EACH	4		
224	LINE STOP, 12 INCH	EACH	2		
225	FIRE HYDRANT COMPLETE WITH AUXILIARY VALVE	EACH	10		
226	WATER SERVICE LINE - OPEN CUT, 1 INCH	FOOT	275		
227	WATER SERVICE LINE - OPEN CUT, 1.25 INCH	FOOT	65		
228	WATER SERVICE LINE - OPEN CUT, 1.5 INCH	FOOT	115		
229	WATER SERVICE LINE - OPEN CUT, 2 INCH	FOOT	21		
230	WATER SERVICE LINE - OPEN CUT, 3 INCH	FOOT	38		
231	WATER SERVICE CONNECTION, 1 INCH	EACH	8		
232	WATER SERVICE CONNECTION, 1.25 INCH	EACH	4		
233	WATER SERVICE CONNECTION, 1.5 INCH	EACH	4		
234	WATER SERVICE CONNECTION, 2 INCH	EACH	2		
235	WATER SERVICE CONNECTION, 3 INCH	EACH	2		
236	WATER SERVICE LINE TYPE K - OPEN CUT, 1 INCH	FOOT	50		
237	WATER SERVICE LINE TYPE K - OPEN CUT, 1.25 INCH	FOOT	18		
238	WATER SERVICE LINE TYPE K - OPEN CUT, 1.5 INCH	FOOT	32		
239	WATER SERVICE LINE TYPE K- OPEN CUT, 2 INCH	FOOT	8		

Item Number	Items	Unit	Quantity	Unit Price	Total
240	WATER SERVICE LINE TYPE K- OPEN CUT, 3 INCH	FOOT	12		
241	PROJECT MANAGEMENT (LEAD ONLY)	HOUR	30		
242	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - BASEMENT OR CRAWL SPACE(LEAD ONLY)	EACH	5		
243	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - SLAB (LEAD ONLY)	EACH	5		
244	WATER SERVICE LINE TYPE L - OPEN CUT, 1 INCH	FOOT	48		
245	WATER SERVICE LINE TYPE L - OPEN CUT, 1.25 INCH	FOOT	12		
246	WATER SERVICE LINE TYPE L - OPEN CUT, 1.5 INCH	FOOT	19		
247	WATER SERVICE LINE TYPE L- OPEN CUT, 2 INCH	FOOT	8		
248	WATER SERVICE LINE TYPE L- OPEN CUT, 3 INCH	FOOT	8		
249	UTILITY LOCATION - PRIVATE PROPERTY (LEAD ONLY)	EACH	22		
250	WATER METER RELOCATION	EACH	5		
251	ABANDONMENT OF EXISTING WATER MAINS AND APPURTENANCES	L SUM	1		
252	FILLING OF EXISTING PIPE FOR ABANDONMENT	CU YD	55		
253	VALVE VAULT TO BE REMOVED	EACH	10		
254	WATER MAIN REMOVAL, 4"	FOOT	15		
255	WATER MAIN REMOVAL, 6"	FOOT	30		
256	WATER MAIN REMOVAL, 10"	FOOT	599		
257	WATER MAIN REMOVAL, 12"	FOOT	978		
258	ADJUSTING WATER SERVICE LINES	FOOT	200		

Item Number	Items	Unit	Quantity	Unit Price	Total
259	GROUND HYDRANTS	EACH	4		
260	STREET LIGHT POLE FOUNDATION TYPE A	FOOT	480		
261	UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	0		
262	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 2-1/C NO. 8 1/C NO.8 GROUND	FOOT	0		
263	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 1/C NO.6 GROUND	FOOT	189		
264	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.8, 1/C NO.8 GROUND	FOOT	1,444		
265	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.8, 1/C NO.8 GROUND	FOOT	437		
266	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.6, 1/C NO.6 GROUND	FOOT	0		
267	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.4, 1/C NO.4 GROUND	FOOT	4,112		
268	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO. 3/0	FOOT	910		
269	LIGHTING CONTROLLER, BASE MOUNTED, 208 VOLT, 200 AMP	EACH	4		
270	LUMINAIRE, LED, STREETSCAPE ROADWAY	EACH	10		
271	LUMINAIRE, LED, STREETSCAPE PEDESTRIAN, TYPE 1	EACH	34		
272	LUMINAIRE, LED, STREETSCAPE PEDESTRIAN, TYPE 2	EACH	29		
273	LIGHT POLE, STREETSCAPE ROADWAY	EACH	10		
274	LIGHT POLE, STREETSCAPE PEDESTRIAN	EACH	63		
275	TREE OUTLET 5X10 PEDESTAL BOX, 15 AMPS	EACH	57		
276	TREE OUTLET 5X10 PEDESTAL BOX, 20 AMPS	EACH	13		
277	TREE OUTLET 5X5 REMOVABLE PEDESTAL BOX, 20 AMPS	EACH	1		

Item Number	Items	Unit	Quantity	Unit Price	Total
278	TREE OUTLET PEDESTAL BOX FOUNDATION	EACH	70		
279	PAVEMENT POCKET HANDHOLE	EACH	1		
280	ILLUMINATED STOP SIGN COMPLETE	EACH	8		
281	FESTOON LIGHTING	L SUM	1		
282	DMX CONTROLLER	L SUM	1		
283	SMART LIGHTING SYSTEM	L SUM	1		
284	CITY CONDUIT	FOOT	1,708		
285	CONDUIT TESTING - EXISTING	L SUM	1		
286	CONDUIT TESTING - NEW	L SUM	1		
287	CONDUIT REPAIR PER LOCATION	FOOT	350		
288	CABLE IN CONDUIT - CITY CONDUIT	FOOT	1,928		
289	4X12 PEDESTRIAN CLAY BRICK PAVERS ON 5" PCC SLAB (DARK IRONSPOT)	SQ FT	1,984		
290	4X8 VEHICULAR CLAY BRICK PAVERS ON 8" PCC SLAB (DARK IRONSPOT)	SQ FT	1,561		
291	FOUNDATION WALL REMOVAL	SQ FT	575		
292	PIPE UNDERDRAINS, TYPE 1, 4" (SPECIAL)	FOOT	402		
293	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	1,668		
294	SANITARY SEWER 6", PVC	FOOT	204		
295	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 2-1/C NO. 8 1/C NO.6 GROUND	FOOT	25		
296	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 14" X 12" X 6"	EACH	12		

Item Number	Items	Unit	Quantity	Unit Price	Total
297	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 5-1/C NO.6, 1/C NO.6 GROUND	FOOT	2,935		
298	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 6-1/C NO.6, 1/C NO.6 GROUND	FOOT	1,667		
299	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA	FOOT	1,241		
300	IN-GROUND LIGHTING	EACH	6		
301	LED STRIP LIGHTING	L SUM	1		
302	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.8, 1/C NO.8 GROUND	FOOT	906		
303	REMOTE CONTROLLED VIDEO SYSTEM	EACH	15		
Add Item				Bidder's Total Proposal	

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.

Item Number	Items	Unit	Quantity	Unit Price	Total

Schedule for Alternate Bid A

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
153	SOIL CELLS	CU FT	4,422		
156	COMMUNITY IDENTIFIERS	EACH	2		
164	SWING BENCHES	EACH	16		
172	BIKE RACKS	EACH	20		
173	METAL BENCHES	EACH	25		
174	TRASH RECEPTACLES	EACH	25		
175	METAL TABLES	EACH	7		
Add Item				Bidder's Proposal Alternate A	

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.

Remote Controlled Video System

Description. This work shall consist of furnishing and installing an IP based remote-controlled video system at a location designated by the City. The work shall include a color camera, dome assembly, all mounting hardware, connectors, cables, power injectors, and related equipment necessary to complete the installation according to the manufacturer's specifications.

The Contractor shall furnish the required number of power injectors for the camera make and model selected, including operation of the camera heater, as well as all required mounting hardware, connectors, patch cables, and power supplies.

The system shall have anonymous FTP capabilities disabled by the vendor/equipment supplier or provide a feature for the user to disable the functionality through the standard internal menu.

The camera shall be installed near the top of the pole per manufacturer's direction and angled towards the center of the intended area using a mounting bracket compatible with the camera and procured from one of the approved camera manufacturers. When installed on the pole, the camera shall be mounted to provide a minimum of 12 inches clear space between face of the pole and the camera housing. The camera and any external hardware and housing shall be installed with stainless steel straps.

All holes drilled into poles, mast arms, or posts shall require rubber grommets to prevent the chafing of wires.

The Contractor shall contact the Engineer prior to installing the camera and associated wiring, to receive final approval on the camera location.

If the Remote Controlled Video System will be connected to the Gigabit Ethernet network, then a Layer II (Datalink) Switch and/or a Layer III (Network) Switch shall be required. Layer II and Layer III switches shall be installed.

The remote controlled video system shall be warrantied, free from material and workmanship defects for a minimum period of three years from final acceptance.

Basis of Payment. This work will be paid for at the contract unit price per each for REMOTE CONTROLLED VIDEO SYSTEM; and shall include all material, labor, and equipment necessary to perform the work as specified in the plan documentation and as herein specified.

DMX CONTROLLER

Description. This work shall consist of furnishing and installing all material necessary for the installation of a DMX (Digital Multiplex) controller as specified herein and shown in the contract plans.

The enclosure shall be Middle Atlantic CWR-12-22SD or approved equal. It is a data swing wall rack that is 22 inch deep, 24.88 inch high and 19 inch panel width with 12 unit rack. Enclosure is welded steel with a solid door and is wall mounted type enclosure.

Equipment:
The lighting control is Pharos LPC X (Lighting Playback Controller X) with 10 DMX universes.

Pharos TPS 5 (Touch Panel Station 5”) is an interface with customizable 5” capacitive touchscreen compatible with any Pharos controller. TPS 5 can be wall mounted

2 P.O.E. switch with 8 port

Dataplex Node 6 Universe, 6x3 Pole PTB

Enclosure and equipment shall be installed per manufacturer’s specifications and all material and equipment needed shall be included in this pay item even if not specifically stated herein or shown in the plans.

Basis of Payment. This work will be paid for at the contract unit price per lump sum for DMX CONTROLLER; and shall include all material, labor, and equipment necessary to perform the work as specified in the plan documentation and as herein specified.

SMART LIGHTING SYSTEM

Description. This work shall consist of furnishing and installing all material necessary for the installation of smart lighting control in City Square as specified herein and shown in the contract plans.

The smart lighting system to dim, program, and control outdoor lighting is Acuity nLight. nLight Air rTLN is a twist-to-Lock node installed in each luminaire in City Square. The node provides network control that utilizes a NEMA/ANSI C136.41 receptacle. This is a dual radio that can configure from the ground and communicate wirelessly to other nLight Air devices. The ordering # rTLN MVOLT DSNV G2.

A DUR 107 NEMA locking receptacle with a locking type photocontrol will be installed on the lighting controller as a master control. The DUR 107 meets NEMA standards and meets ANSI C136.41 standards and is ROHS compliant. The ordering # DUR 107.

A nLight Eclypse system controller connects an nLight lighting network to support connectivity and management over an IP network. It can provide time of day and astronomical time clock capabilities for scheduled lighting control events. This device will be in a surface mounted enclosure approximately 12” x 14” x 4” with knockouts and will be located in a temperature control IT room. Ordering # nECY MVOLT REMR ENC NW AIR

Enclosure and equipment shall be installed per manufacturer’s specifications and all material and equipment needed shall be included in this pay item even if not specifically stated herein or shown in the plans.

Basis of Payment. This work will be paid for at the contract unit price per lump sum for SMART LIGHTING SYSTEM; and shall include all material, labor, and equipment necessary to perform the work as specified in the plan documentation and as herein specified.

IN-GROUND LIGHTING

Description. This work shall consist of furnishing and installing all material necessary for the installation of an in-ground tree light as specified herein and shown in the contract plans.

The in-ground lighting shall be we-ef ETC130-GB-CC LED RGBW color changer. Part ID 185-3389.

The light distribution is symmetric, wide beam RGBW. The light source is LED – 12/19W – RGBW with 1331.3 lumens.

Luminaire body is constructed of stainless steel, outer housing of composite material 5/8" think clear tempered glass lens. It is silicone controlled compression gasket. The fasteners are PCS polymer coated stainless steel hardware. Ingress protection is IP69K with impact resistance of IK10+. This is also corrosion resistance. Integral DMX 120v-277v driver.

Light shall be installed per manufacturer's specifications and all material and equipment needed to make the power and DMX connection of the in-ground light shall be included in this pay item.

Basis of Payment. This work will be paid for at the contract unit price per each for IN-GROUND LIGHTING; and shall include all material, labor, and equipment necessary to perform the work as specified in the plan documentation and as herein specified.

LED STRIP LIGHTING

Description. This work shall consist of furnishing and installing all materials necessary for the installation of LED strip lighting on the tiered bench as specified herein and shown in the contract plans.

The LED strip light shall be Beulux LWS12D – London Wave Side View. It will be color changing RGBW. Ordering code LWS12D-RGBW.

The LED strip lighting will be in an aluminum extrusion and installed under the tiered bench as shown in the landscaping plans.

A Beulux decoder and Power Supply will be included for each tiered at each bench section There are a total of 4 sections with 2 tiered bench at each section.

Light shall be installed per manufacturer's specifications and all material and equipment needed to make the power and DMX connection of the LED strip light shall be included in this pay item.

Basis of Payment. This work will be paid for at the contract unit price per lump sum for LED STRIP LIGHTING; and shall include all material, labor, and equipment necessary to perform the work as specified in the plan documentation and as herein specified.

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 m) DIAMETER
602402-03	PRECAST MANHOLE, TYPE A, 5' (1.52 m) DIAMETER
602406-11	PRECAST MANHOLE, TYPE A, 6' (1.83 m) DIAMETER
602411-09	PRECAST MANHOLE, TYPE A, 7' (2.13 m) DIAMETER
604001-05	FRAME AND LIDS, TYPE 1
604086-05	FRAME AND GRATE, TYPE 23
606001-08	CONCRETE CURB TYPE B ADN COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

1

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2024; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" SEVENTH EDITION, THE CITY OF JOLIET STANDARD SPECIFICATIONS AND STANDARD DETAILS, THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
2. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
4. WHEN REMOVING CURB AND GUTTER, PAVEMENT, OR ANY OTHER STRUCTURE, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION NECESSARY TO ENSURE THAT THERE WILL BE NO DAMAGE TO UNDERGROUND PUBLIC OR PRIVATE UTILITIES. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL CONCRETE BREAKER BE ALLOWED.
5. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE EITHER HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND DEPOSITED AT LOCATIONS PROVIDED BY THE CONTRACTOR, OR DISPOSED OF WITHIN THE RIGHT-OF-WAY IN A MANNER OTHER THAN BURNING, SUBJECT TO THE APPROVAL OF THE ENGINEER. NO EXTRA COMPENSATION WILL BE ALLOWED THE CONTRACTOR FOR ANY EXPENSE INCURRED BY COMPLYING WITH THE REQUIREMENTS OF THIS NOTE.

COORDINATION

1. ALL CONTRACTOR'S EQUIPMENT STAGED INSIDE OR OUTSIDE OF THE WORKZONE SHALL NOT IMPEDE ACCESS TO ANY BUSINESS. IF EQUIPMENT IS TO BE STAGED ON PRIVATE PROPERTY, WRITTEN CONSENT FROM THE PROPERTY OWNER & CITY SHALL BE ACQUIRED BY THE CONTRACTOR PRIOR TO USAGE WITH A COPY OF THE AGREEMENT PROVIDED TO THE CITY.

UTILITIES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY.
2. COORDINATION OF ANY UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.
3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
4. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE DRAINAGE STRUCTURES INSTALLED, ADJUSTED, OR RECONSTRUCTED AS PART OF THIS PROJECT.
5. ANY UTILITY DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE CITY.
6. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.
7. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING UTILITY OPERATIONS. THE COST TO COMPLY WITH THE ABOVE SHALL BE INCLUDED IN THE COST OF THE SEWERS AND DRAINAGE STRUCTURES INSTALLED AS PART OF THIS PROJECT.
8. EXCEPT AS NOTED ON THE PLANS, IN THE GENERAL NOTES, AND IN THE SPECIFICATIONS, UTILITY RELOCATION OR ADJUSTMENT WILL BE PERFORMED BY THE RESPECTIVE UTILITY OWNERS AT THEIR OWN EXPENSE AND WILL NOT BE CONSIDERED PART OF THIS CONTRACT. THE CONTRACTOR WILL NOTIFY THE AFFECTED UTILITY OWNERS AND SCHEDULE HIS/HER WORK ACCORDINGLY. THE COST OF THIS COORDINATION WILL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. UTILITIES SHOULD BE ADJUSTED/RELOCATED PRIOR TO WAY CONSTRUCTION.

PAVING, CURB & GUTTER, AND SIDEWALK

1. THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER, MEDIAN, SHOULDER, AND SIDEWALK AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER, TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED. THE CONTRACTOR SHALL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED AND ANY ADDITIONAL WORK, INCLUDING REMOVAL AND REPLACEMENT, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
2. THE EXISTING CURB AND GUTTER SHALL BE SAW CUT AT EACH LIMIT OF REMOVAL AND THE NEW CURB AND GUTTER SHALL BE TIED IN TO THE EXISTING WITH TWO 3/4 INCH STEEL DOWEL BARS (18" LONG, EPOXY COATED), DRILLED INTO THE EXISTING CURB AND GUTTER END. THE ENGINEER MUST INSPECT AND APPROVE THE BASE AND FORMWORK BEFORE ANY CONCRETE IS POURED. A MINIMUM 24 HOUR NOTICE SHALL BE PROVIDED FOR FORM WORK INSPECTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER BEING CONSTRUCTED.
3. 1/2-INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, AND MANHOLES WHICH EXTEND THROUGH THE SIDEWALK, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE APPROPRIATE SIDEWALK BID ITEM.

SOIL EROSION AND SEDIMENT CONTROL

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.
2. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING THE EXISTING AND PROPOSED STORM DRAINAGE SYSTEMS THROUGH THE USE OF INLET FILTERS AS SPECIFIED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT RESULTING FROM THIS PROJECT FROM STORM SEWERS AND DRAINAGE STRUCTURES.
3. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCING EARTHWORK AND/OR PAVEMENT REMOVAL OPERATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
5. EROSION CONTROL DEVICES ARE TO BE INSPECTED WEEKLY AND AFTER EVERY RAINFALL OF 1/2-INCH OR GREATER AND REPLACED WHEN DAMAGED OR AS DIRECTED BY THE ENGINEER.
6. ALL ADJACENT STREETS AND PARKING LOTS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL GENERAL AND SPECIAL REQUIREMENTS, CONDITIONS AND PROVISIONS FOR ALL APPLICABLE LOCAL, STATE, AND FEDERAL PERMITS ISSUED FOR THIS PROJECT.
8. NO STOCKPILING WILL BE ALLOWED ON THE PROJECT SITE.
9. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
10. THE MAINTENANCE AND REPAIR OR REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS.
11. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, AS DETERMINED BY THE ENGINEER.

STAKING

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE CITY, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
2. THE CONSTRUCTION BASELINES HAVE BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	47	0	29	0	76
2	20200100	EARTH EXCAVATION	CU YD	1,102	0	1,214	0	2,316
3	20200200	ROCK EXCAVATION	CU YD	613	0	500	0	1,113
4	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	378	0	622	0	1,000
5	20800510	INLET FILTERS	EACH	53	0	0	0	53
6	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	0	0	2,200	0	2,200
7	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	0	0	4,500	0	4,500
8	35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	145	0	0	0	145
9	35101600	AGGREGATE BASE COURSE TYPE B, 4"	SQ YD	2,727	0	660	21	3,408
10	35102200	AGGREGATE BASE COURSE TYPE B, 10"	SQ YD	5,233	0	1,251	1,515	7,999
11	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	0	0	0	50
12	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	16	0	0	0	16
13	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	16	0	0	0	16
14	42000400	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	3,564	0	0	0	3,564
15	42001300	PROTECTIVE COAT	SQ YD	5,038	0	165	21	5,224
16	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	[1] 8,929	0	8,995	0	[1] 17,924
17	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	3,256	0	1,455	0	4,711
18	42400800	DETECTABLE WARNING	SQ FT	220	0	0	0	220
19	44000100	PAVEMENT REMOVAL	SQ YD	6,028	0	656	1,535	8,219
20	44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	187	0	0	0	187
21	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	139	0	5,516	0	5,655
22	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,050	0	1,149.0	0	3,199
23	44000600	SIDEWALK REMOVAL	SQ FT	8,372	0	4,809	0	13,181
24	44201323	CLASS C PATCHES, TYPE IV, 7 INCH	SQ YD	[1] 223	0	0	0	[1] 223
25	44201421	CLASS C PATCHES, TYPE IV, 15 INCH	SQ YD	20	0	0	75	95
26	550A2920	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4 12"	FOOT	513	0	0	0	513
27	550A2930	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4 18"	FOOT	289	0	0	0	289

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PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-SD001.dgn

CIVILTECH

USER NAME = untitled	DESIGNED -	REVISED [1] - ADDEN 1 - 5/30/2024
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 1 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	3
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
28	550A2980	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4 30"	FOOT	18	0	0	0	18
29	55100200	STORM SEWER REMOVAL 6"	FOOT	27	0	0	0	27
30	55100300	STORM SEWER REMOVAL 8"	FOOT	38	0	0	0	38
31	55100400	STORM SEWER REMOVAL 10"	FOOT	22	0	0	0	22
32	55100500	STORM SEWER REMOVAL 12"	FOOT	421	0	0	0	421
33	55101200	STORM SEWER REMOVAL 24"	FOOT	344	0	0	0	344
34	55101500	STORM SEWER REMOVAL 33"	FOOT	21	0	0	0	21
35	55103030	STORM SEWER REMOVAL, EQUIVALENT ROUND-SIZE 30"	FOOT	22	0	0	0	22
36	60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	0	0	0	0	0
37	60108200	PIPE UNDERDRAINS, TYPE 1, 6" (SPECIAL)	FOOT	0	0	0	0	0
38	60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	14	0	0	0	14
39	60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	0	0	0	0	0
40	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	0	0	0	6
41	60219530	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	15	0	0	0	15
42	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	0	0	0	3
43	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	0	0	0	6
44	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	0	0	0	3
45	60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	10	0	0	0	10
46	60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	0	0	0	1
47	60255500	MANHOLES TO BE ADJUSTED	EACH	1	0	0	0	1
48	60500040	REMOVING MANHOLES	EACH	11	0	0	6	17
49	60500060	REMOVING INLETS	EACH	11	0	0	0	11
50	60500070	REMOVING MANHOLES TO MAINTAIN FLOW	EACH	1	0	0	0	1
51	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2,367	0	846	0	3,213
52	67100100	MOBILIZATION	LSUM	0.6	0.0	0.0	0.4	1.0
53	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,100	0	750	400	2,250
54	70400100	TEMPORARY CONCRETE BARRIER	FOOT	500	0	375	0	875

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PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 2 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	4
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
55	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	400	0	125	0	525
56	72000100	SIGN PANEL - TYPE 1	SQ FT	38	0	0	0	38
57	72400100	REMOVE SIGN PANEL ASSEMBLY-TYPE A	EACH	6	0	12	0	18
58	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	84	0	0	0	84
59	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	32	0	0	0	32
60	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,308	0	0	0	1,308
61	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,010	0	0	0	1,010
62	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	223	0	0	0	223
63	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	118	0	0	0	118
64	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	0	2	0	4
65	80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1	0	0	0	1
66	81028180	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	FOOT	734	0	0	0	734
67	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4,756	0	2,755	0	7,511
68	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	400	0	3,330	0	3,730
69	81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	0	0	437	0	437
70	81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	0	0	0	0	0
71	81400100	HANDHOLE	EACH	10	0	0	0	10
72	81400200	HEAVY-DUTY HANDHOLE	EACH	5	0	0	0	5
73	81800240	AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	2,075	0	0	0	2,075
74	81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	253	0	0	0	253
75	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	33	0	10	0	43
76	84200804	REMOVAL OF POLE FOUNDATION	EACH	33	0	10	0	43
77	84200110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	0	0	0	1
78	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	0	0	0	1
79	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	12,944	0	1,480	0	14,424
80	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	0	0	0	2
81	89502380	REMOVE EXISTING HANDHOLE	EACH	18	0	4	0	22

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CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 3 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	5
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
82	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	10	0	0	0	10
83	X0325155	REMOVE ABANDONED GAS MAIN	FOOT	725	0	0	347	1,072
84	X1200317	SANITARY SEWER REMOVAL	FOOT	0	0	0	936	936
85	X1400450	REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	1	0	0	0	1
86	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	1,500	0	2,500	0	4,000
87	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	6	0	1	0	7
88	X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	0	1	0	7
89	X4400060	BRICK SIDEWALK REMOVAL	SQ FT	1,951	0	508	0	2,459
90	X5630405	REMOVE EXISTING WATER VALVE	EACH	0	0	0	10	10
91	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LSUM	0.6	0.0	0.0	0.4	1.0
92	X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	36	0	36	0	72
93	X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1	0	0	0	1
94	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0	0	0	1
95	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	15	0	0	0	15
96		TEMPORARY CONSTRUCTION FENCE	FOOT	1,770	0	1,250	0	3,020
97		STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	431	0	0	0	431
98		STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	13	0	0	0	13
99		STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	370	0	0	0	370
100		TEMPORARY PAVEMENT	SQ YD	0	0	0	1,535	1,535
101		AIR EXCAVATION	SQ YD	0	52	0	0	52
102		SOIL CONDITIONER	CU YD	0	10	0	0	10
103		LINEAR DETECTABLE WARNING TILES (CAST IRON)	SQ FT	0	621	445	0	1,066
104		CONCRETE PLANTER CURB	FOOT	0	1,360	773	0	2,133
105		CONCRETE FLUSH CURB	FOOT	0	0	1,095	0	1,095
106		WATER TAP	EACH	0	2	2	0	4
107		WATER METER IN VAULT	EACH	0	1	1	0	2
108		IRRIGATION SYSTEM	EACH	0	2	1	0	3

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PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 4 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	6
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
109		BACKFLOW PREVENTER (RPZ)	EACH	0	0	1	0	1
110		WATER FEATURE COMPONENTS	LSUM	0	0	1	0	1
111		WATER FEATURE BASE	EACH	0	0	3	0	3
112		4X12 PEDESTRIAN CLAY BRICK PAVERS ON 5" PCC SLAB (RED BLEND)	SQ FT	0	9,189	9,095	0	18,284
113		4X12 PEDESTRIAN CLAY BRICK PAVERS ON 5" PCC SLAB (GREY BLEND)	SQ FT	0	0	10,486	0	10,486
114		4X8 VEHICULAR CLAY BRICK PAVERS ON 8" PCC SLAB (RED BLEND)	SQ FT	0	6,539	9,211	0	15,750
115		4X8 VEHICULAR CLAY BRICK PAVERS ON 8" PCC SLAB (GREY BLEND)	SQ FT	0	0	2,854	0	2,854
116		ARTIFICIAL TURF [1]	SQ FT	0	0	13,443	0	13,443
117		AGGREGATE BASE COURSE CA-7 6" DEPTH	SQ YD	0	0	1,492	0	1,492
118		PLANTER SOIL MIX	CU YD	0	377	456	0	833
119		PERENNIAL, ALLIUM TANGUTICUM, #1 CG	EACH	0	62	62	0	124
120		PERENNIAL, DALEA PURPUREA, #1 CG	EACH	0	17	17	0	34
121		PERENNIAL, ECHINACEA PURPUREA 'MAGNUS', #1 CG	EACH	0	79	79	0	158
122		PERENNIAL, HEMEROCALLIS 'CHICAGO APACHE', #1 CG	EACH	0	48	48	0	96
123		PERENNIAL, HEMEROCALLIS 'HAPPY RETURNS', #1 CG	EACH	0	31	32	0	63
124		PERENNIAL, KOELERIA MACRANTHA, #1 CG	EACH	0	113	114	0	227
125		PERENNIAL, LOBELIA CRDINALIS, #1 CG	EACH	0	117	117	0	234
126		PERENNIAL, PENSTEMON DIGITALIS, #1 CG	EACH	0	35	36	0	71
127		PERENNIAL, RUELLA HUMILIS, #1 CG	EACH	0	6	7	0	13
128		PERENNIAL, RUDBECKIA HIRTA, #1 CG	EACH	0	48	48	0	96
129		PERENNIAL, SALVIA NEMEROSA 'BLUE HILL', #1 CG	EACH	0	46	47	0	93
130		PERENNIAL, SEDUM KAMTSCHATICUM, #1 CG	EACH	0	112	113	0	225
131		SHRUB, HYDRANGEA QUERCIFOLIA, #3 CG	EACH	0	27	27	0	54
132		SHRUB, SPIRAEA BETULIFOLIA, #3 CG	EACH	0	10	11	0	21
133		TREE, ACER X FREEMANII, 3" CAL, BALLED AND BURLAPPED	EACH	0	0	7	0	7
134		TREE, CARPINUS CAROLINIANA, 3" CAL, BALLED AND BURLAPPED	EACH	0	0	2	0	2
135		TREE, CERCIS CANADENSIS, 3" CAL, BALLED AND BURLAPPED	EACH	0	0	6	0	6

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CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 5 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	7
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
136		TREE, CELTIS OCCIDENTALIS, 3" CAL, BALLED AND BURLAPPED	EACH	0	4	4	0	8
137		TREE, GYMNOCLADUS DIOICUS, 3" CAL, BALLED AND BURLAPPED	EACH	0	3	0	0	3
138		TREE, HAMAMELIS VIRGINIANA, 2" CAL, BALLED AND BURLAPPED	EACH	0	0	6	0	6
139		TREE, QUERCUS BICOLOR, 3" CAL, BALLED AND BURLAPPED	EACH	0	5	0	0	5
140		TREE, SYRINGA RETICULATA, 2" CAL, BALLED AND BURLAPPED	EACH	0	11	4	0	15
141		TREE, TAXODIUM DISTICHUM, 3" CAL, BALLED AND BURLAPPED	EACH	0	3	5	0	8
142		TREE, TILIA AMERICANA, 3" CAL, BALLED AND BURLAPPED	EACH	0	3	1	0	4
143		TREE, ULMUS X DAVIDIANA PUMILA, 3" CAL, BALLED AND BURLAPPED	EACH	0	4	3	0	7
144		SHREDDED HARDWOOD BARK MULCH	CY YD	0	20	32	0	52
145		SEAT WALLS	FOOT	0	0	577	0	577
146		MASONRY WALL	FOOT	0	0	128	0	128
147		DECORATIVE FENCE WALL (TYPE A)	FOOT	0	0	89	0	89
148		DECORATIVE FENCE WALL (TYPE B)	FOOT	0	0	82	0	82
149		DECORATIVE FENCE	FOOT	0	0	152	0	152
150		MASONRY PIERS	EACH	0	0	10	0	10
151		SHADE STRUCTURE MASONRY PIER	EACH	0	0	44	0	44
152		TRASH ENCLOSURE SWING DOOR	EACH	0	0	9	0	9
153		SOIL CELLS	CU FT	0	0	2,807	0	2,807
154		BOLLARDS	EACH	0	68	25	0	93
155		REMOVABLE BOLLARDS	EACH	0	2	13	0	15
156		COMMUNITY IDENTIFIERS	EACH	0	0	4	0	4
157		LIGHT POLE IDENTIFIERS	EACH	0	6	0	0	6
158		TIERED SEATING	EACH	0	0	4	0	4
159		MAIN STAGE CANOPY	EACH	0	0	1	0	1
160		MAIN STAGE MASONRY WALL EDGE	EACH	0	0	1	0	1
161		FRONT STAGE SIGN	EACH	0	0	1	0	1
162		REAR STAGE SIGN	EACH	0	0	1	0	1

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PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 6 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	8
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
163		SHADE STRUCTURE	EACH	0	0	4	0	4
164		SWING BENCHES	EACH	0	0	0	0	0
165		FAMILY STAGE BOOK FAÇADE	EACH	0	0	1	0	1
166		FAMILY STAGE CANOPY	EACH	0	0	1	0	1
167		MUSICAL INSTRUMENT - CASCADIA BELLS	EACH	0	0	1	0	1
168		MUSICAL INSTRUMENT - TALK TUBE	EACH	0	0	2	0	2
169		MUSICAL INSTRUMENT - TENOR TREE	EACH	0	0	1	0	1
170		MUSICAL INSTRUMENT - TOUNGE DRUM	EACH	0	0	1	0	1
171		MUSICAL INSTRUMENT - LILLYPAD CYMBALS	EACH	0	0	1	0	1
172		BIKE RACKS	EACH	0	0	0	0	0
173		METAL BENCHES	EACH	0	0	0	0	0
174		TRASH RECEPTACLES	EACH	0	0	0	0	0
175		METAL TABLES	EACH	0	0	0	0	0
176		LIMESTONE STEPPERS	EACH	0	0	6	0	6
177		LIMESTONE BLOCK SEATING	EACH	0	0	5	0	5
178		STORY BOARDS	EACH	0	0	6	0	6
179		FREESTANDING POTS	EACH	0	22	22	0	44
180		LEAF SHADE STRUCTURES	EACH	0	0	3	0	3
181		BUTTERFLY BENCHES	EACH	0	0	3	0	3
182		BOOK SCULPTURES	EACH	0	0	2	0	2
183		ANTI-GRAFITTI COATING	SQ FT	0	0	4,250	0	4,250
184		HOLIDAY TREE MOUNTING BRACKET AND CAP	LSUM	0	0	1	0	1
185		SIDEWALK VAULT REMOVAL AND FILL	EACH	0	3	0	0	3
186		CITY SQUARE SITE PREPARATION	LSUM	0	0	1	0	1
187		CONCRETE WATER FOUNTAIN REMOVAL	L SUM	0	1	0	0	1
188		HOT MIX ASPHALT REMOVAL AND REPLACEMENT, 10" BINDER AND 2" SURFACE	SQ YD	0	0	0	1,186	1,186
189		SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	0	0	0	750	750

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CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 7 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	9
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
190		STREETSCAPE BRICK REMOVE AND REPLACE	SQ FT	0	0	0	427	427
191		COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	0	0	0	350	350
192		SANITARY MANHOLE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	0	0	0	1	1
193		SANITARY MANHOLE, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	0	0	0	7	7
194		SANITARY SEWER, 2", PVC	FOOT	0	0	32	0	32
195		SANITARY SEWER, 4", PVC	FOOT	0	0	0	0	0
196		SANITARY SEWER, 8", PVC	FOOT	0	0	0	90	90
197		SANITARY SEWER, 18", PVC PLASTIC PRESSURE PIPE	FOOT	0	0	0	915	915
198		PLUG PIPE	EACH	0	0	0	4	4
199		LATERAL CLEANING AND TELEVISING	EACH	0	0	0	17	17
200		SANITARY SEWER CONNECTION TO EXISTING SERVICE	EACH	0	0	0	17	17
201		DUCTILE IRON PIPE MOBILIZATION	FOOT	0	0	0	2,706	2,706
202		DUCTILE IRON WATERMAIN, 4 INCH	FOOT	0	0	0	18	18
203		DUCTILE IRON WATERMAIN, 6 INCH	FOOT	0	0	0	602	602
204		DUCTILE IRON WATERMAIN, 8 INCH	FOOT	0	0	0	294	294
205		DUCTILE IRON WATERMAIN, 10 INCH	FOOT	0	0	0	49	49
206		DUCTILE IRON WATERMAIN, 12 INCH	FOOT	0	0	0	1,763	1,763
207		DUCTILE IRON WATERMAIN, 24 INCH	FOOT	0	0	0	753	753
208		MISCELLANOUS FITTINGS	POUND	0	0	0	3,750	3,750
209		CONNECTION TO EXISTING WATER MAIN (PRESSURE), 10 INCH	EACH	0	0	0	2	2
210		CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), 12 INCH	EACH	0	0	0	2	2
211		CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), 24 INCH	EACH	0	0	0	1	1
212		ADJUSTING WATER MAIN, 10 INCH	FOOT	0	0	0	10	10
213		ADJUSTING WATER MAIN, 12 INCH	FOOT	0	0	0	10	10
214		ADJUSTING WATER MAIN, 24 INCH	FOOT	0	0	0	10	10
215		GATE VALVE, 6 INCH	EACH	0	0	0	3	3
216		GATE VALVE, 8 INCH	EACH	0	0	0	4	4

1

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-SD000.dgn

CIVILTECH

USER NAME = untitled	DESIGNED -	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 8 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	10
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
243		WATER SERVICE CONNECTION ON PRIVATE PROPERTY - SLAB (LEAD ONLY)	EACH	0	0	0	5	5
244		WATER SERVICE LINE TYPE L - OPEN CUT, 1 INCH	FOOT	0	0	0	48	48
245		WATER SERVICE LINE TYPE L - OPEN CUT, 1.25 INCH	FOOT	0	0	0	12	12
246		WATER SERVICE LINE TYPE L - OPEN CUT, 1.5 INCH	FOOT	0	0	0	19	19
247		WATER SERVICE LINE TYPE L- OPEN CUT, 2 INCH	FOOT	0	0	0	8	8
248		WATER SERVICE LINE TYPE L- OPEN CUT, 3 INCH	FOOT	0	0	0	8	8
249		UTILITY LOCATION - PRIVATE PROPERTY (LEAD ONLY)	EACH	0	0	0	22	22
250		WATER METER RELOCATION	EACH	0	0	0	5	5
251		ABANDONMENT OF EXISTING WATER MAINS AND APPURTENANCES	L SUM	0	0	0	1	1
252		FILLING OF EXISTING PIPE FOR ABANDONMENT	CU YD	0	0	0	55	55
253		VALVE VAULT TO BE REMOVED	EACH	0	0	0	10	10
254		WATER MAIN REMOVAL, 4"	FOOT	0	0	0	15	15
255		WATER MAIN REMOVAL, 6"	FOOT	0	0	0	30	30
256		WATER MAIN REMOVAL, 10"	FOOT	0	0	0	599	599
257		WATER MAIN REMOVAL, 12"	FOOT	0	0	0	978	978
258		ADJUSTING WATER SERVICE LINES	FOOT	0	0	0	200	200
259		GROUND HYDRANTS	EACH	0	0	4	0	4
260		STREET LIGHT POLE FOUNDATION TYPE A	FOOT	80	0	400	0	480
261		UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA.	FOOT	0	0	0	0	0
262		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 2-1/C NO. 8 1/C NO.8 GROUND	FOOT	0	0	0	0	0
263		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 1/C NO.6 GROUND	FOOT	0	0	189	0	189
264		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.8, 1/C NO.8 GROUND	FOOT	790	0	654	0	1,444
265		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.8, 1/C NO.8 GROUND	FOOT	0	0	437	0	437
266		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.6, 1/C NO.6 GROUND	FOOT	0	0	0	0	0
267		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.4, 1/C NO.4 GROUND	FOOT	2,666	0	1,446	0	4,112
268		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO. 3/0	FOOT	400	0	510	0	910

1

1

1

1

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-SD010.dgn

CIVILTECH

USER NAME = untitled	DESIGNED -	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 10 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	12
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
269		LIGHTING CONTROLLER, BASE MOUNTED, 208 VOLT, 200 AMP	EACH	2	0	2	0	4
270		LUMINAIRE, LED, STREETSCAPE ROADWAY	EACH	10	0	0	0	10
271		LUMINAIRE, LED, STREETSCAPE PEDESTRIAN, TYPE 1	EACH	34	0	0	0	34
272		LUMINAIRE, LED, STREETSCAPE PEDESTRIAN, TYPE 2	EACH	0	0	29	0	29
273		LIGHT POLE, STREETSCAPE ROADWAY	EACH	10	0	0	0	10
274		LIGHT POLE, STREETSCAPE PEDESTRIAN	EACH	34	0	29	0	63
275		TREE OUTLET 5X10 PEDESTAL BOX, 15 AMPS	EACH	25	0	32	0	57
276		TREE OUTLET 5X10 PEDESTAL BOX, 20 AMPS	EACH	13	0	0	0	13
277		TREE OUTLET 5X5 REMOVABLE PEDESTAL BOX, 20 AMPS	EACH	0	0	1	0	1
278		TREE OUTLET PEDESTAL BOX FOUNDATION	EACH	38	0	32	0	70
279		PAVEMENT POCKET HANDHOLE	EACH	0	0	1	0	1
280		ILLUMINATED STOP SIGN COMPLETE	EACH	8	0	0	0	8
281		FESTOON LIGHTING	L SUM	0	0	1	0	1
282		DMX CONTROLLER	L SUM	0	0	1	0	1
283		SMART LIGHTING SYSTEM	L SUM	0	0	1	0	1
284		CITY CONDUIT	FOOT	1,708	0	0	0	1,708
285		CONDUIT TESTING - EXISTING	L SUM	1	0	0	0	1
286		CONDUIT TESTING - NEW	L SUM	1	0	0	0	1
287		CONDUIT REPAIR PER LOCATION	FOOT	350	0	0	0	350
288		CABLE IN CONDUIT - CITY CONDUIT	FOOT	1,928	0	0	0	1,928
289		4X12 PEDESTRIAN CLAY BRICK PAVERS ON 5" PCC SLAB (DARK IRONSPOT)	SQ FT	0	975	1,009	0	1,984
290		4X8 VEHICULAR CLAY BRICK PAVERS ON 8" PCC SLAB (DARK IRONSPOT)	SQ FT	0	460	1,101	0	1,561
291		FOUNDATION WALL REMOVAL	SQ FT	575	0	0	0	575
292	60108100	PIPE UNDERDRAINS, TYPE 1, 4" (SPECIAL)	FOOT	402	0	0	0	402

1

1

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-SD011.dgn

CIVILTECH

USER NAME = untitled	DESIGNED -	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 11 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	13
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
293	60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	1,668	0	0	0	1,668
294		SANITARY SEWER 6", PVC	FOOT	0	0	204	0	204
295		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 2-1/C NO. 8 1/C NO.6 GROUND	FOOT	25	0	0	0	25
296	81300610	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 14" X 12" X 6"	EACH	0	0	12	0	12
297		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 5-1/C NO.6, 1/C NO.6 GROUND	FOOT	2,935	0	0	0	2,935
298		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 6-1/C NO.6, 1/C NO.6 GROUND	FOOT	0	0	1,667	0	1,667
299	81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA	FOOT	0	0	1,241	0	1,241
300		IN-GROUND LIGHTING	EACH	0	0	6	0	6
301		LED STRIP LIGHTING	L SUM	0	0	1	0	1
302		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.8, 1/C NO.8 GROUND	FOOT	0	0	906	0	906
303	X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	0	0	15	0	15

1

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\3679-ant-SQ012.dgn

CIVILTECH

USER NAME = untitled	DESIGNED -	REVISED 1 - ADDEN 1 - 5/30/2024	
	DRAWN -	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/31/2024	DATE -	REVISED -	

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES

SCALE: | SHEET 11 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	13A
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES - ALTERNATE BID A								
				CHICAGO STREETSCAPE		CITY SQUARE	UTILITIES	
				REBUILD	STREETSCAPE			
ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
153		SOIL CELLS	CU FT	0	4,422	0	0	4,422
156		COMMUNITY IDENTIFIERS	CU FT	0	0	2	0	2
164		SWING BENCHES	CU FT	0	0	16	0	16
172		BIKE RACKS	CU FT	0	12	8	0	20
173		METAL BENCHES	CU FT	0	13	12	0	25
174		TRASH RECEPTACLES	CU FT	0	12	13	0	25
175		METAL TABLES	CU FT	0	0	7	0	7

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PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\3679-ant-SD013.dgn

CIVILTECH

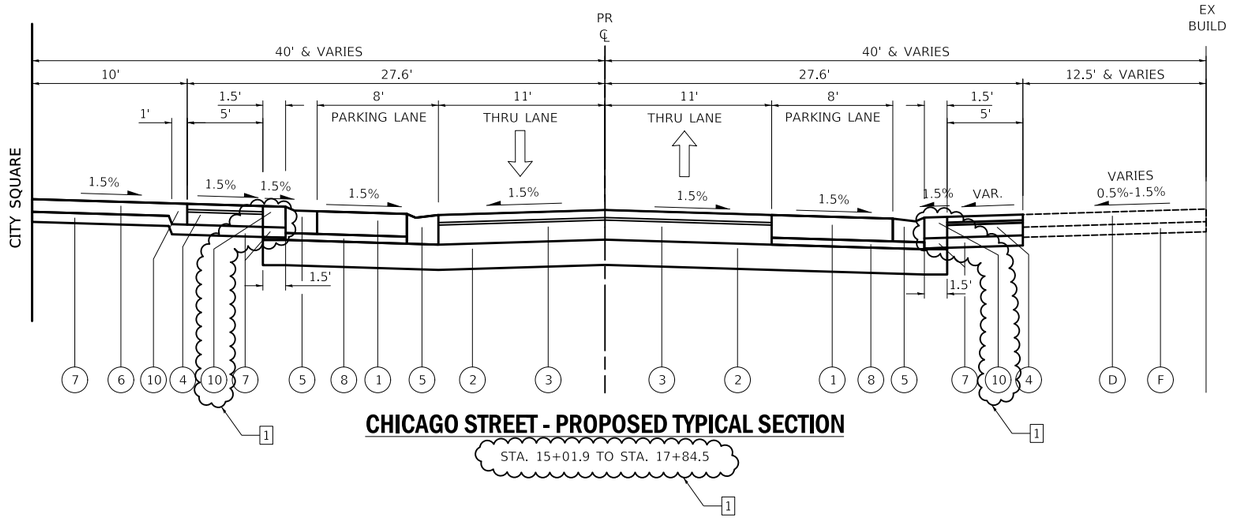
USER NAME = untitled	DESIGNED -	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
SUMMARY OF QUANTITIES - ALT BID A

SCALE: | SHEET 11 OF 11 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	13B
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



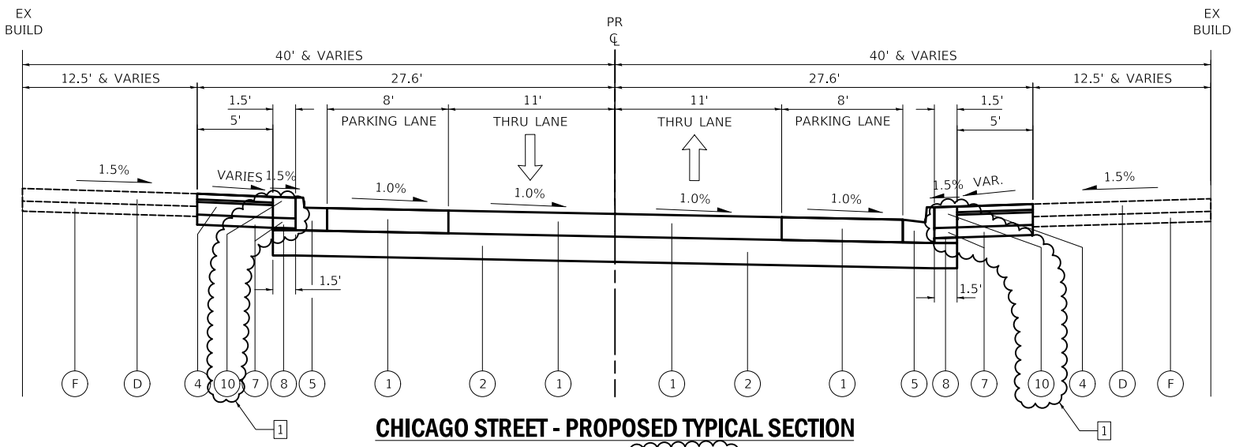
CHICAGO STREET - PROPOSED TYPICAL SECTION

STA. 15+01.9 TO STA. 17+84.5

1

LEGEND

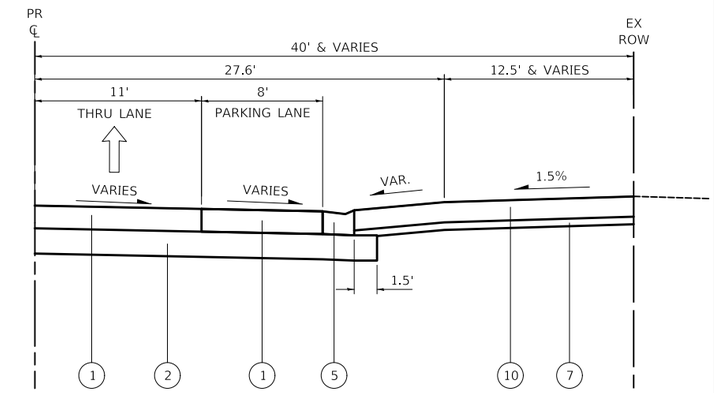
1. PORTLAND CEMENT CONCRETE PAVEMENT 9"
2. AGGREGATE BASE COURSE, TYPE B 10"
3. VEHICULAR CLAY BRICK PAVER:
   - 3A BRICK PAVERS 2¾"
   - 3B BITUMEN SETTING BED, 1"
   - 3C PORTLAND CEMENT CONCRETE BASE COURSE 8"
4. BRICK PAVERS PEDESTRIAN:
   - 4A BRICK PAVERS 2¼"
   - 4B SAND SETTING BED, 1"
   - 4C PORTLAND CEMENT CONCRETE BASE COURSE 5"
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
6. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
7. AGGREGATE BASE COURSE, TYPE B 4"
8. AGGREGATE BASE COURSE, TYPE B
9. NOT USED
10. PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
D. EXISTING SIDEWALK
F. EXISTING BASE COURSE



CHICAGO STREET - PROPOSED TYPICAL SECTION

STA. 11+68.5 TO STA. 15+01.9

1



CHICAGO STREET - PROPOSED TYPICAL SECTION AT ALLEY

SEE PLAN SHEETS FOR LOCATIONS

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\36\79-sht-typical01.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - NEM	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN - NEM	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
PROPOSED TYPICAL SECTIONS

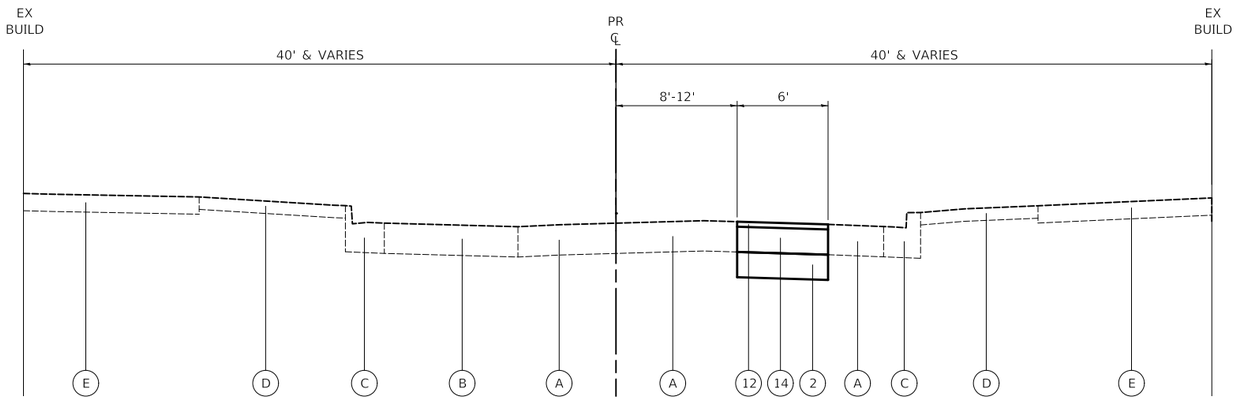
SCALE: N.T.S. | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	17
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ NDES
PROPOSED RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 1½"	4% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 8"	4% @ 50 GYR.
PROPOSED HOT-MIX ASPHALT REPLACEMENT	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 10"	4% @ 50 GYR.

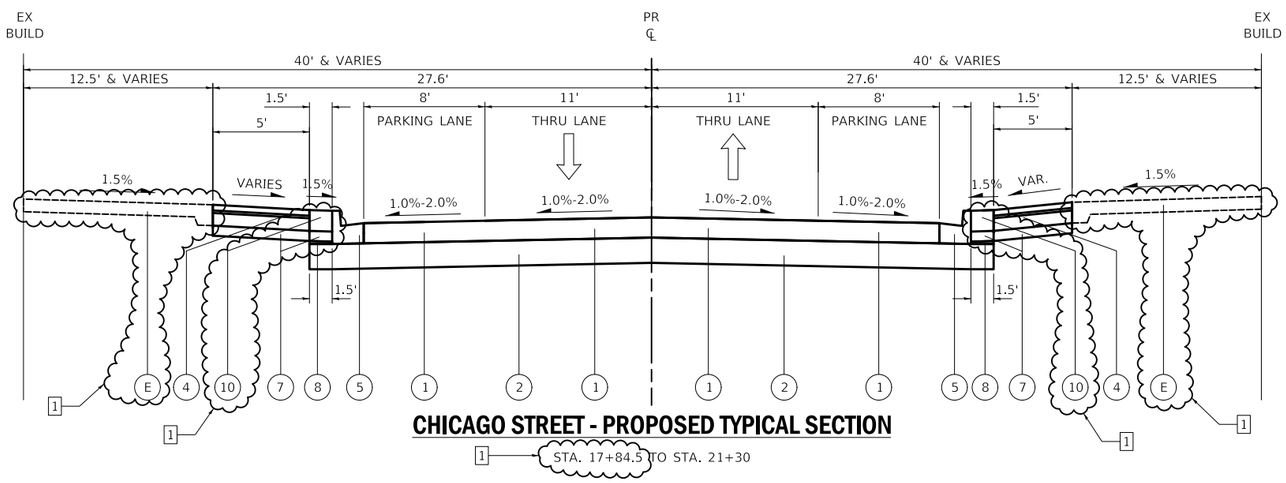
NOTES:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD-IN.

2. ALL TEMPORARY PAVEMENT SHALL BE PROVIDED OVER AN IMPROVED SUBGRADE; 4" SUBBASE GRANULAR MATERIAL, TYPE B



CHICAGO STREET - PROPOSED TYPICAL SECTION

STA. 21+30 TO STA. 25+03



CHICAGO STREET - PROPOSED TYPICAL SECTION

1 STA. 17+84.5 TO STA. 21+30

LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9"
- (2) AGGREGATE BASE COURSE, TYPE B 10"
- (3) VEHICULAR CLAY BRICK PAVER:
  - (3A) BRICK PAVERS 2¾"
  - (3B) BITUMEN SETTING BED, 1"
  - (3C) PORTLAND CEMENT CONCRETE BASE COURSE 8"
- (4) BRICK PAVERS PEDESTRIAN:
  - (4A) BRICK PAVERS 2¼"
  - (4B) SAND SETTING BED, 1"
  - (4C) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (7) AGGREGATE BASE COURSE, TYPE B 4"
- (8) AGGREGATE BASE COURSE, TYPE B
- (9) NOT USED
- (10) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
- (11) NOT USED
- (12) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2"
- (13) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 1½"
- (14) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 10"
- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (C) EXISTING COMBINATION CURB AND GUTTER
- (D) EXISTING BRICK SIDEWALK
- (E) EXISTING SIDEWALK

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-typical05.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - NEM	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN - NEM	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	18
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

ITEM #1

TREE REMOVAL (6 TO 15 UNITS DIAMETER)					
ALIGNMENT	SHEET NO.	STATION	OFFSET	LT/RT	DIAMETER (IN)
CHICAGO ST	22	17+73	25.1'	LT	10
CHICAGO ST	22	17+65	46.3'	LT	8
CLINTON ST	25	112+88	36.5'	RT	8
CLINTON ST	25	112+71	36.5'	RT	6
CLINTON ST	25	112+49	37.1'	RT	8
CLINTON ST	25	112+20	35.9'	RT	7
				TOTAL	47

ITEM #48

REMOVING MANHOLES						
ALIGNMENT	SHEET NO.	ID	STATION	OFFSET	LT/RT	EACH
CHICAGO ST	22	R2	12+27	8.5'	LT	1
CHICAGO ST	22	R3	13+14	25.3'	LT	1
CHICAGO ST	22	R4	13+66	8.6'	LT	1
CHICAGO ST	22	R6	14+68	7.6'	LT	1
CHICAGO ST	22	S1	13+16	0.6'	LT	1
CHICAGO ST	22	R8	17+11	6.5'	LT	1
CHICAGO ST	22	R10	18+16	14.1'	LT	1
CHICAGO ST	22	R11	18+18	13.9'	RT	1
CHICAGO ST	22	R12	18+39	24.9'	RT	1
CHICAGO ST	22	R14	19+35	25.4'	RT	1
CHICAGO ST	22	R15	20+00	25.2'	RT	1
CHICAGO ST	22	S2	16+45	0.2'	LT	1
CHICAGO ST	22	S3	18+73	1.9'	RT	1
CHICAGO ST	22	S4	18+79	4.4'	RT	1
CHICAGO ST	22	S5	19+92	3.1'	RT	1
CHICAGO ST	23	S6	21+43	2.8'	LT	1
CLINTON ST	25	R21	115+24	7.1'	LT	1
					TOTAL	17

ITEM #49

REMOVING INLETS						
ALIGNMENT	SHEET NO.	ID	STATION	OFFSET	LT/RT	EACH
CHICAGO ST	22	R1	11+95	11.7'	LT	1
CHICAGO ST	22	R5	13+66	4.9'	RT	1
CHICAGO ST	22	R7	15+88	7.3'	LT	1
CHICAGO ST	22	R9	17+11	5.9'	RT	1
CHICAGO ST	22	R13	19+31	5.5'	LT	1
CHICAGO ST	22	R16	20+56	6.3'	RT	1
VAN BUREN ST	24	R17	50+49	4.4'	RT	1
VAN BUREN ST	24	R19	50+74	2.7'	RT	1
CITY SQUARE ALLEY	25	R20	96+16	9.4'	LT	1
CITY SQUARE ALLEY	25	R21	96+02	4.5'	RT	1
CITY SQUARE ALLEY	26	R23	95+02	6.4'	LT	1
					TOTAL	11

ITEM #50

REMOVING MANHOLES MAINTAIN FLOW					
ALIGNMENT	SHEET NO.	STATION	OFFSET	LT/RT	EACH
VAN BUREN ST	24	50+61	3.6'	RT	1
				TOTAL	1

ITEM #29

STORM SEWER REMOVAL, 6 INCH								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
CITY SQUARE ALLEY	26	95+03	17.1'	LT	95+02	6.3'	LT	12
CITY SQUARE ALLEY	26	95+02	11.1'	RT	95+02	6.3'	LT	15
							TOTAL	27

ITEM #30

STORM SEWER REMOVAL, 8 INCH								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
CLINTON ST	25	112+06	59.2'	RT	111+92	45.2'	RT	38

ITEM #31

STORM SEWER REMOVAL, 10 INCH								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
CHICAGO ST	22	17+16	12.5'	RT	17+11	5.9'	RT	10
CITY SQUARE ALLEY	26	94+91	1.6'	RT	95+02	6.3'	LT	12
							TOTAL	22

ITEM #32

STORM SEWER REMOVAL, 12 INCH								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
CHICAGO ST	22	13+25	8.6'	LT	13+66	8.6'	LT	41
CHICAGO ST	22	13+66	4.9'	RT	13+66	8.6'	LT	12
CHICAGO ST	22	13+66	8.6'	LT	13+80	8.6'	LT	14
CHICAGO ST	22	17+11	5.9'	RT	17+11	6.5'	LT	10
CHICAGO ST	22	18+17	35.8'	RT	18+18	13.9'	RT	22
CHICAGO ST	22	19+31	5.5'	LT	19+35	25.4'	RT	30
CHICAGO ST	22	20+56	6.3'	RT	20+00	25.2'	RT	56
VAN BUREN ST	24	50+01	8.0'	LT	50+12	6.0'	RT	19
VAN BUREN ST	24	50+12	6.0'	RT	50+49	4.3'	RT	36
VAN BUREN ST	24	50+49	4.3'	RT	50+61	3.6'	RT	12
VAN BUREN ST	24	50+61	3.6'	RT	50+74	2.7'	RT	13
VAN BUREN ST	24	50+74	2.7'	RT	51+25	0.5'	RT	52
CLINTON ST	25	112+06	59.2'	RT	111+92	45.2'	RT	18
CLINTON ST	25	115+19	19.5'	LT	115+24	7.1'	LT	13
CLINTON ST	25	115+24	7.1'	LT	115+97	6.0'	LT	73
							TOTAL	421

ITEM #33

STORM SEWER REMOVAL, 24 INCH								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
CHICAGO ST	22	14+68	7.6'	LT	15+88	7.3'	LT	120
CHICAGO ST	22	15+88	7.3'	LT	17+11	6.5'	LT	124
CHICAGO ST	22	17+11	6.5'	LT	18+16	14.1'	LT	100
							TOTAL	344

ITEM #35

STORM SEWER REMOVAL, EQRS 30 INCH								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
CHICAGO ST	22	18+39	24.9'	RT	18+18	13.9'	RT	22

ITEM #34

STORM SEWER REMOVAL, 33 INCH								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
CHICAGO ST	22	18+60	25.0'	RT	18+39	24.9'	RT	21

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\3679-sht-remsch01.dgn

CIVILTECH

USER NAME = untitled	DESIGNED -	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
REMOVAL SCHEDULE

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	27
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

1

ITEM #90						
REMOVE EXISTING WATER VALVE						
ALIGNMENT	SHEET NO.	ID	STATION	OFFSET	LT/RT	EACH
CHICAGO ST	22	W1	14+90	17.4'	RT	1
CHICAGO ST	22	W2	14+95	21.4'	RT	1
CHICAGO ST	22	W3	14+83	42.5'	RT	1
CHICAGO ST	22	W4	17+20	15.1'	RT	1
CHICAGO ST	22	W5	18+27	16.1'	LT	1
CHICAGO ST	22	W6	18+26	24.2'	RT	1
CLINTON ST	25	W7	115+29	6.4'	LT	1
CLINTON ST	25	W8	115+50	6.9'	LT	1
CLINTON ST	25	W9	115+84	2.2'	LT	1
CLINTON ST	25	W10	115+97	1.6'	RT	1
					TOTAL	10

1

ITEM #253						
VALVE VAULT TO BE REMOVED						
ALIGNMENT	SHEET NO.	ID	STATION	OFFSET	LT/RT	EACH
CHICAGO ST	22	W1	14+90	17.4'	RT	1
CHICAGO ST	22	W2	14+95	21.4'	RT	1
CHICAGO ST	22	W3	14+83	42.5'	RT	1
CHICAGO ST	22	W4	17+20	15.1'	RT	1
CHICAGO ST	22	W5	18+27	16.1'	LT	1
CHICAGO ST	22	W6	18+26	24.2'	RT	1
CLINTON ST	25	W7	115+29	6.4'	LT	1
CLINTON ST	25	W8	115+50	6.9'	LT	1
CLINTON ST	25	W9	115+84	2.2'	LT	1
CLINTON ST	25	W10	115+97	1.6'	RT	1
					TOTAL	10

1

ITEM #84								
SANITARY SEWER REMOVAL								
ALIGNMENT	SHEET NO.	STA. FROM	OFFSET	LT/RT	STA. TO	OFFSET	LT/RT	FOOT
CHICAGO ST	22	11+96	6.0'	LT	13+16	0.6'	LT	121
CHICAGO ST	22	13+16	0.6'	LT	16+45	0.2'	LT	327
CHICAGO ST	22	16+45	0.2'	LT	18+78	4.4'	RT	232
CHICAGO ST	22	18+78	4.4'	RT	19+92	3.1'	RT	112
CHICAGO ST	22	19+92	3.1'	RT	21+43	2.8'	LT	149
							TOTAL	941

1

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-remsch02.dgn

CIVILTECH

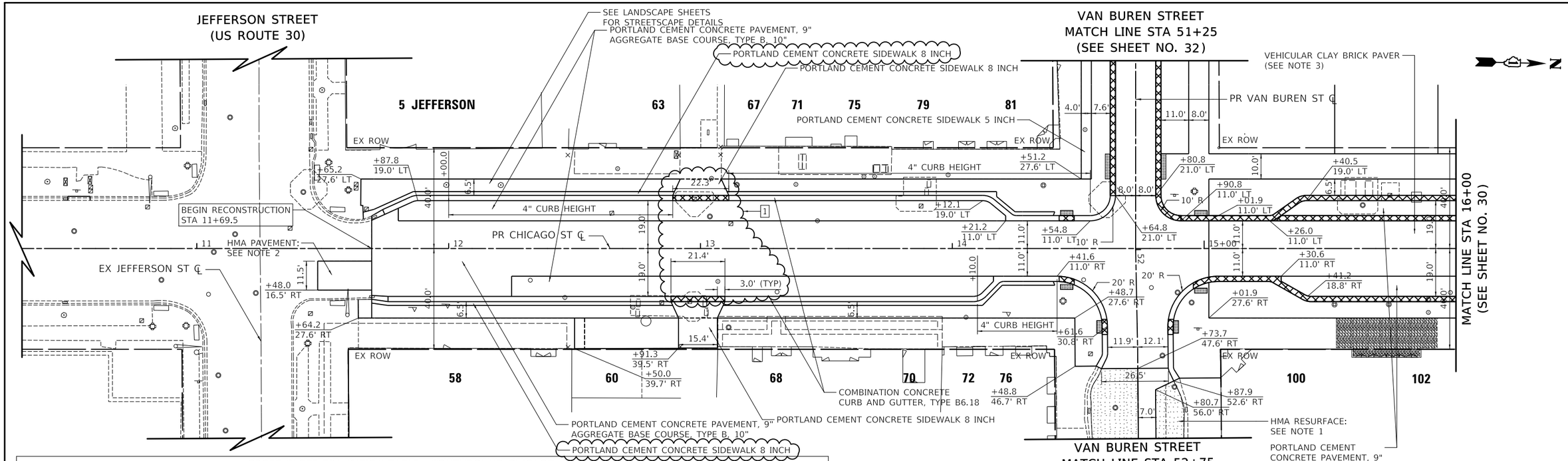
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	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
REMOVAL SCHEDULE

SCALE: | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	28
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



CROSS SLOPE TRANSITION TABLE - SOUTHBOUND CHICAGO STREET												
STATION	11+69.5	12+10	14+50	15+00	17+60	17+70	18+95	19+25	20+00	20+75	20+95	21+30
CROSS SLOPE	-1.97%	1.00%	1.00%	-1.50%	-1.50%	-2.00%	-2.00%	1.00%	1.00%	-2.00%	-2.00%	-0.81%
EOP OFFSET	11.2' LT	19.0' LT	11.0' LT	11.0' LT	11.5' LT	11.0' LT	19.0' LT	19.0' LT	19.0' LT	19.0' LT	19.0' LT	14.9' LT
EOP ELEVATION	539.92	540.32	541.37	541.30	542.08	542.01	541.25	541.67	541.53	541.17	541.27	541.36

CROSS SLOPE TRANSITION TABLE - NORTHBOUND CHICAGO STREET														
STATION	11+69.5	11+75	13+15	13+25	13+70	13+80	15+25	15+35	17+60	17+70	18+60	18+70	21+20	21+30
CROSS SLOPE	-1.08%	-1.00%	-1.00%	-2.00%	-2.00%	-3.00%	-3.00%	-1.50%	-1.50%	-2.00%	-2.00%	-1.00%	-1.00%	-1.12%
EOP OFFSET	18.6' RT	18.9' RT	19.0' RT	19.0' RT	19.0' RT	19.0' RT	11.0' RT	15.5' RT	13.9' RT	11.0' RT	11.0' RT	11.2' RT	11.0' RT	10.3' RT
EOP ELEVATION	539.94	539.97	540.53	540.38	540.56	540.41	541.23	541.37	542.04	542.01	541.59	541.65	541.50	541.37

NOTES

1. HMA RESURFACE:
   - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
   - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 1.5"

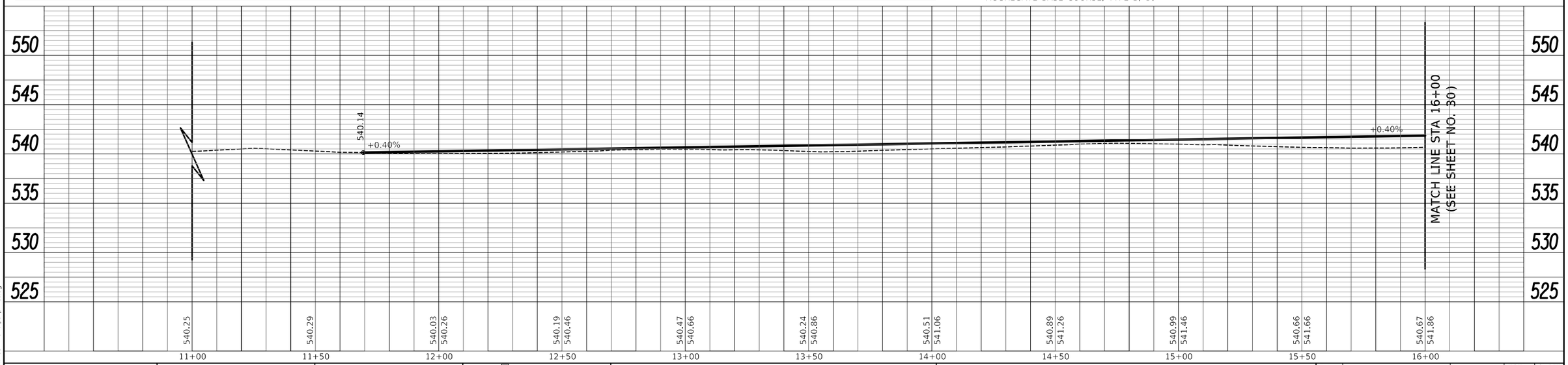
2. HMA PAVEMENT:
   - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
   - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 10"
   - AGGREGATE BASE COURSE, TYPE B, 10"

3. VEHICULAR CLAY BRICK PAVER:
   - BRICK PAVERS 2¾"
   - BITUMEN SETTING BED, 1"
   - PORTLAND CEMENT CONCRETE BASE COURSE 8"
   - AGGREGATE BASE COURSE, TYPE B, 10"

LEGEND

DEPRESSED CURB

CHICAGO STREET - PLAN AND PROFILE



CIVILTECH

USER NAME = untitled	DESIGNED - NEM	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN - NEM	REVISED -
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PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

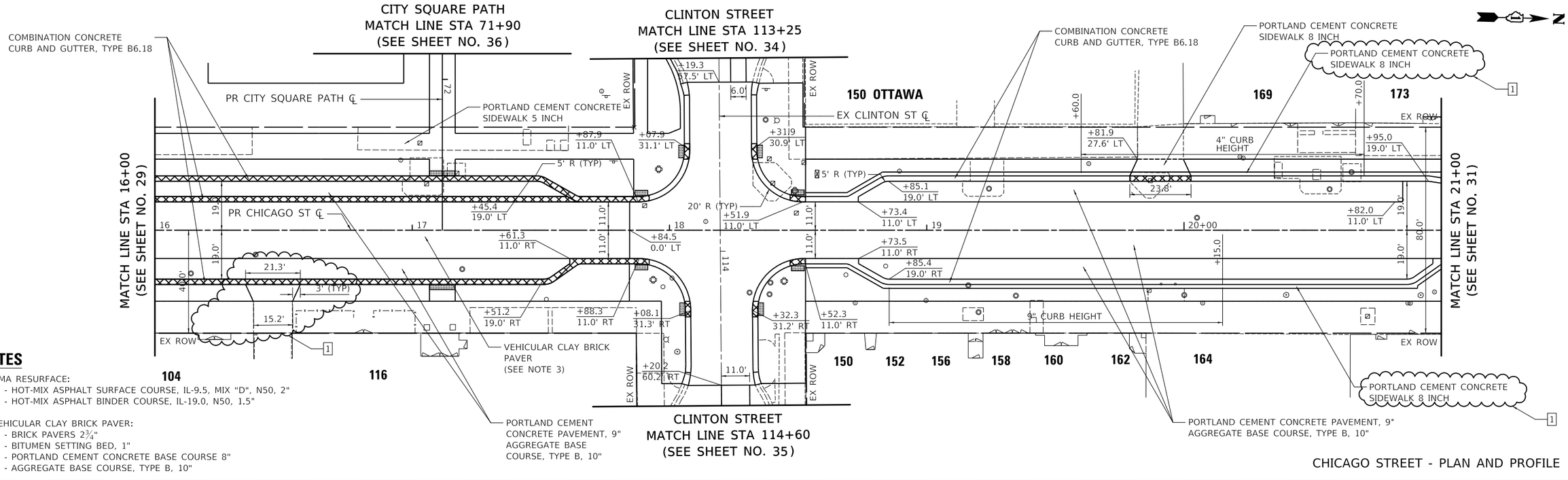
PLAN & PROFILE
CHICAGO STREET

SCALE: 1" = 20' | SHEET 1 OF 9 SHEETS | STA. 11+69.5 TO STA. 16+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	29
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

PLOT DRIVER = $PLTDRV$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-plnprf01.dgn

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO.
DATE, BY

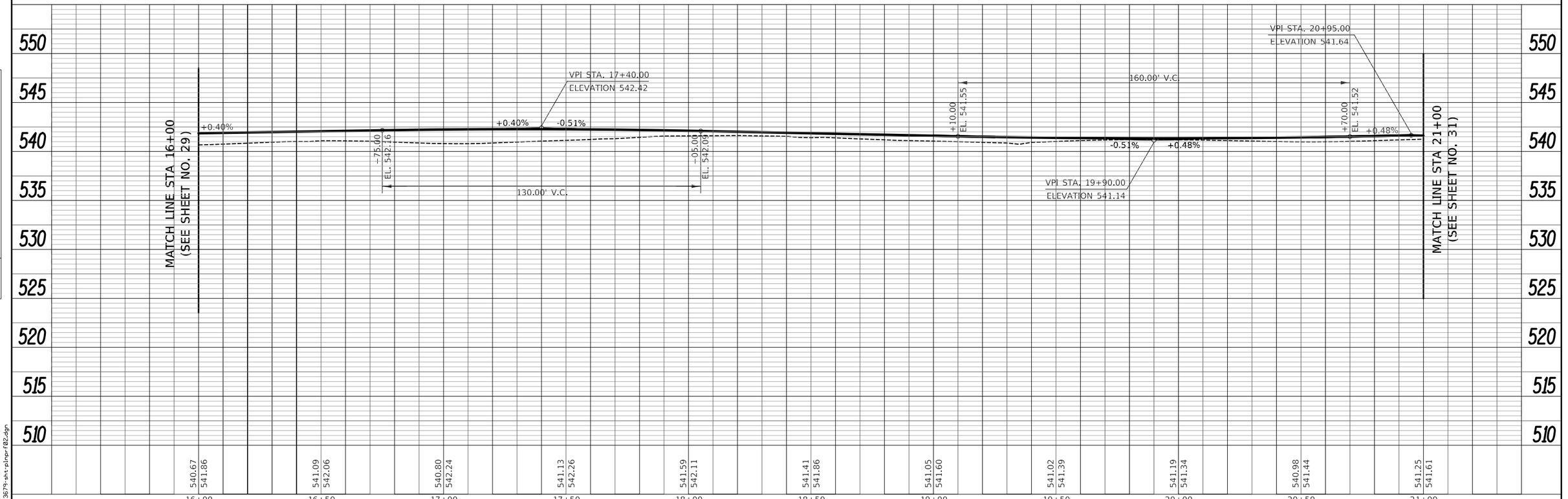


NOTES

1. HMA RESURFACE:
   - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
   - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 1.5"

3. VEHICULAR CLAY BRICK PAVER:
   - BRICK PAVERS 2¾"
   - BITUMEN SETTING BED, 1"
   - PORTLAND CEMENT CONCRETE BASE COURSE 8"
   - AGGREGATE BASE COURSE, TYPE B, 10"

CHICAGO STREET - PLAN AND PROFILE



PROFILE — SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD — NOTE BOOK NO. — BY — DATE

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — NOTE BOOK NO. — BY — DATE

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PEN TABLE = $PENTBLL$
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CIVILTECH

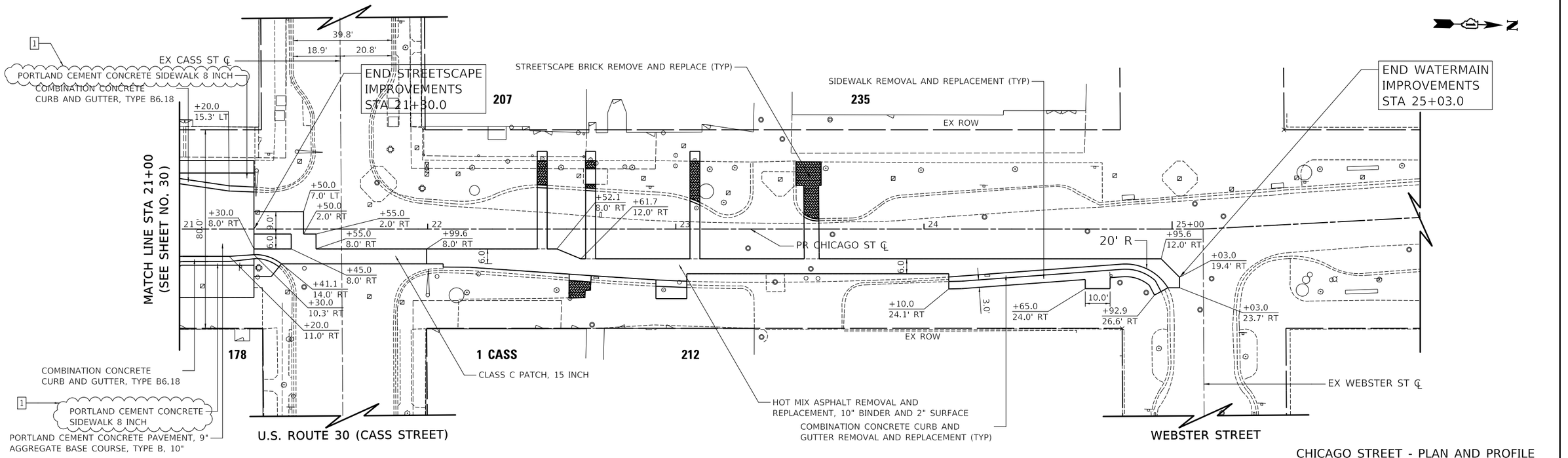
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PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

PLAN & PROFILE
CHICAGO STREET

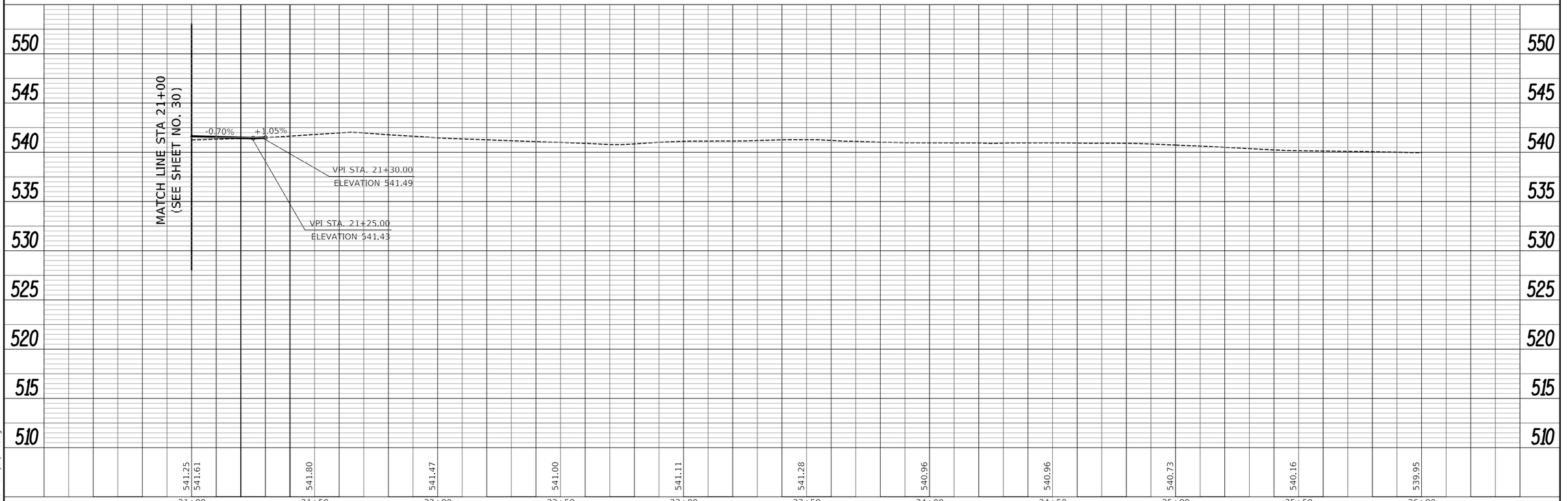
SCALE: 1" = 20' | SHEET 2 OF 9 SHEETS | STA. 16+00 TO STA. 21+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	30
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



CHICAGO STREET - PLAN AND PROFILE

PLAN — SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE



PROFILE — SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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PEN TABLE = $PENTBLL$
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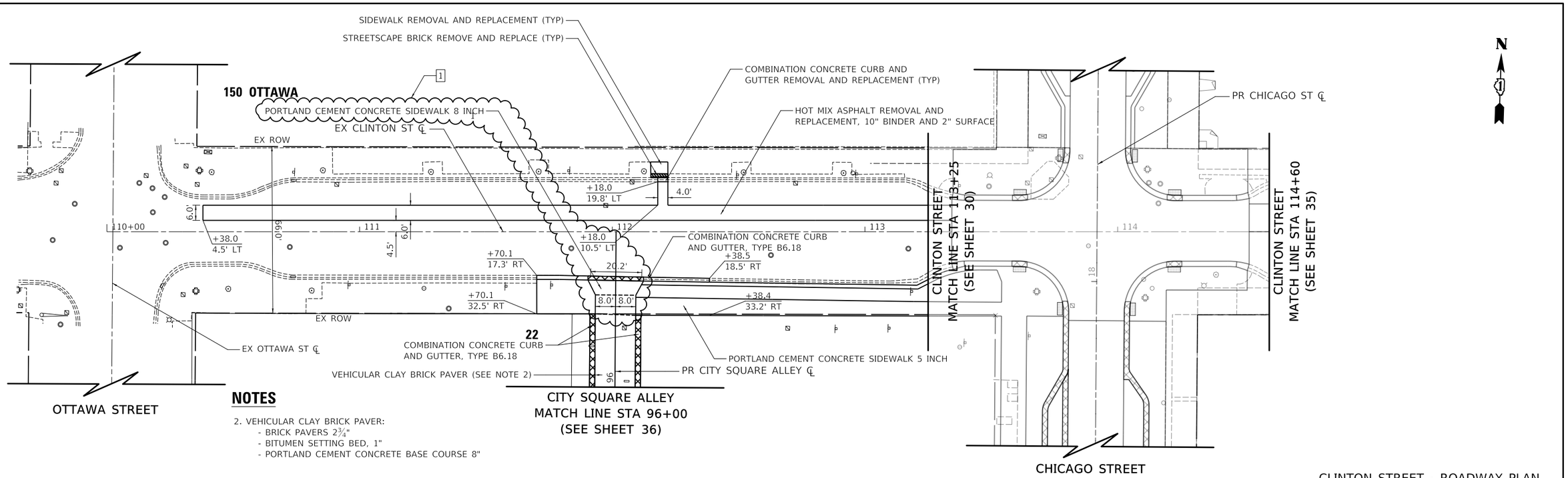
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	DRAWN - NEM	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

PLAN & PROFILE
CHICAGO STREET

SCALE: 1" = 20' | SHEET 3 OF 9 SHEETS | STA. 16+00 TO STA. 25+40

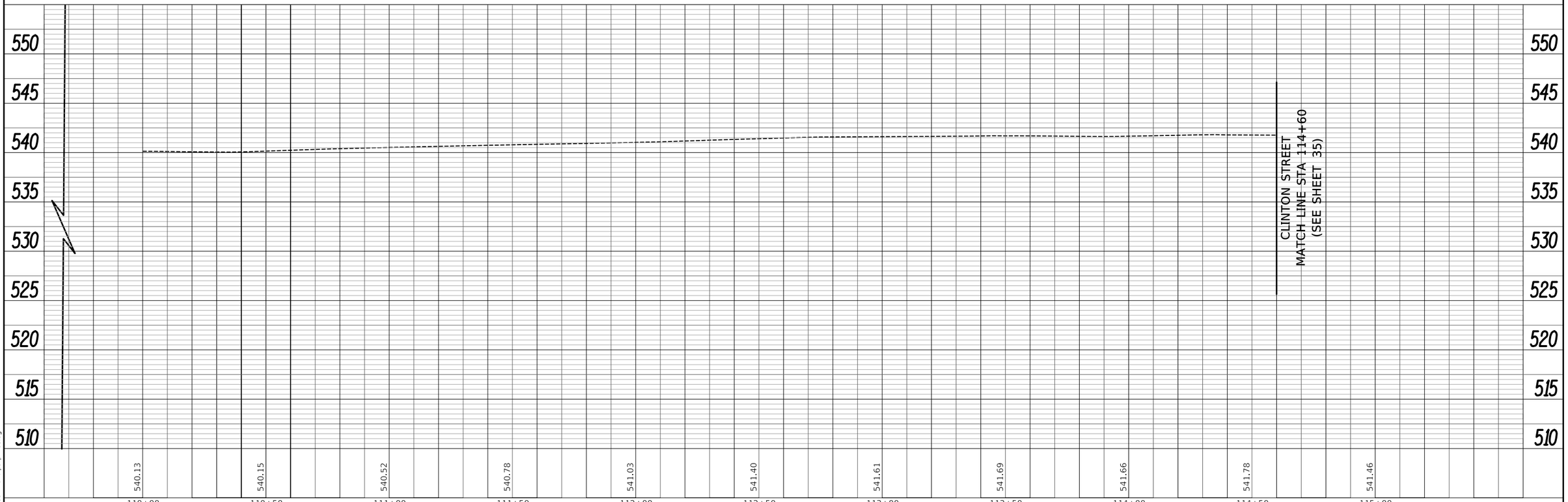
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	31
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



NOTES

2. VEHICULAR CLAY BRICK PAVER:
   - BRICK PAVERS 2¾"
   - BITUMEN SETTING BED, 1"
   - PORTLAND CEMENT CONCRETE BASE COURSE 8"

CLINTON STREET - ROADWAY PLAN



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL.$
FILE NAME = ...\3679-sht-plnpr06.dgn

USER NAME = untitled	
PLOT SCALE = 40.0000 ' / in.	
PLOT DATE = 5/31/2024	

DESIGNED - NEM	
DRAWN - NEM	
CHECKED - DNM	
DATE -	

REVISED 1 - ADDEN 1 - 5/30/2024	
REVISED -	
REVISED -	
REVISED -	

CIVILTECH

CITY OF JOLIET

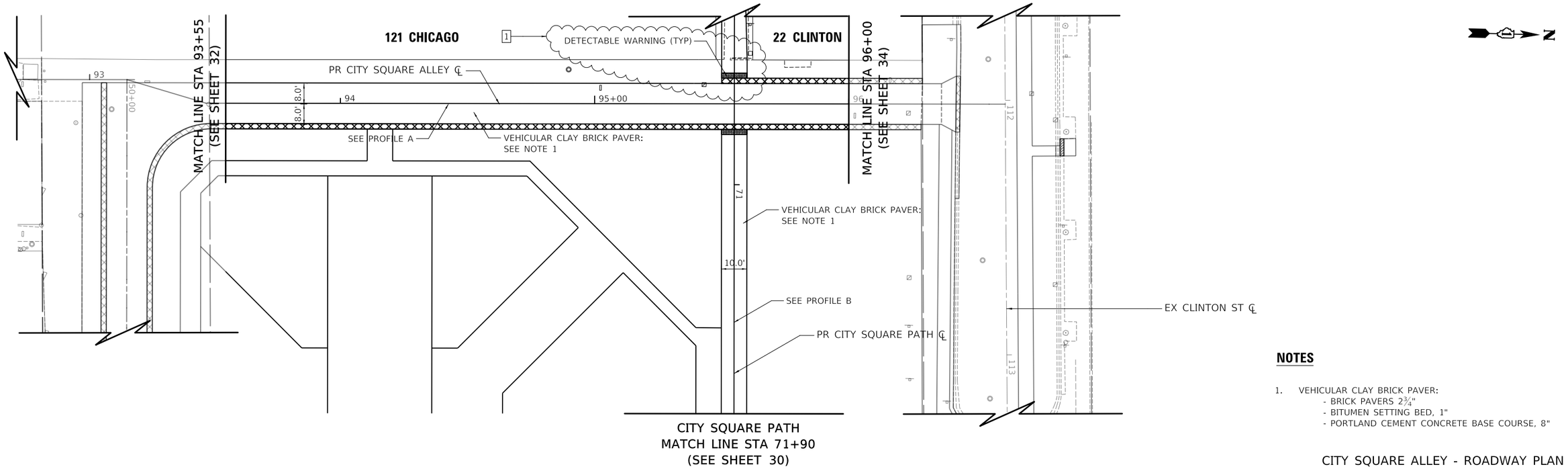
PLAN & PROFILE
CLINTON STREET

SCALE: 1" = 20' | SHEET 6 OF 9 SHEETS | STA. 110+38 TO STA. 113+25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	34
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

PLAN: SURVEYED, PLOTTED, DRAWN, CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, DRAWN, CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

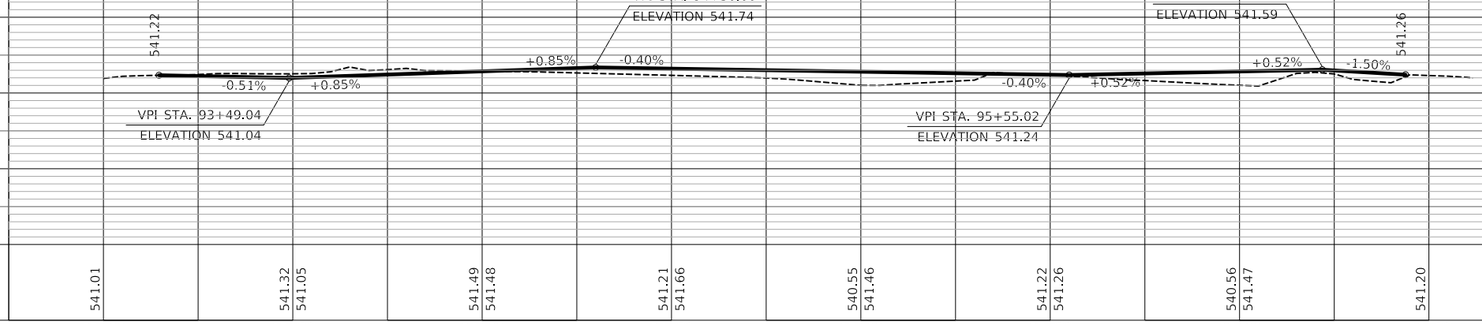


NOTES

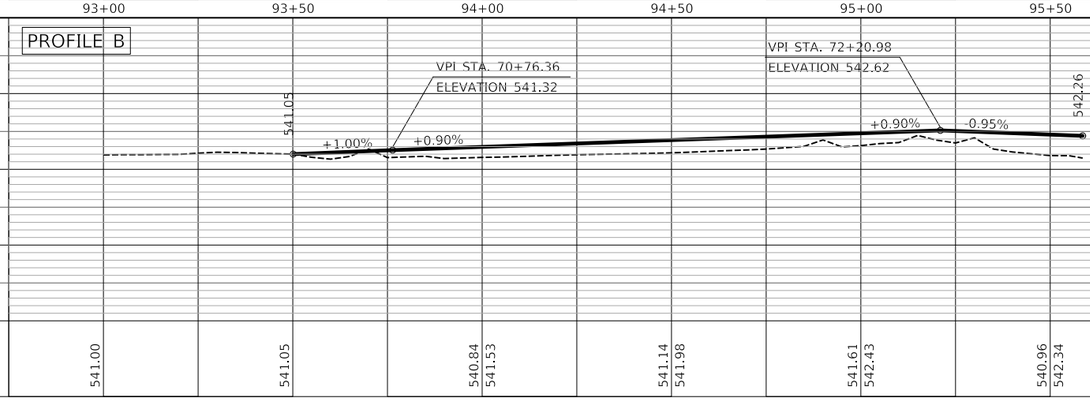
1. VEHICULAR CLAY BRICK PAVER:
   - BRICK PAVERS 2¾"
   - BITUMEN SETTING BED, 1"
   - PORTLAND CEMENT CONCRETE BASE COURSE, 8"

CITY SQUARE ALLEY - ROADWAY PLAN

PROFILE A



PROFILE B



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-plnprf08.dgn

USER NAME = untitled	DESIGNED - NEM	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN - NEM	REVISED -
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PLOT DATE = 5/31/2024	DATE -	REVISED -

CIVILTECH

CITY OF JOLIET

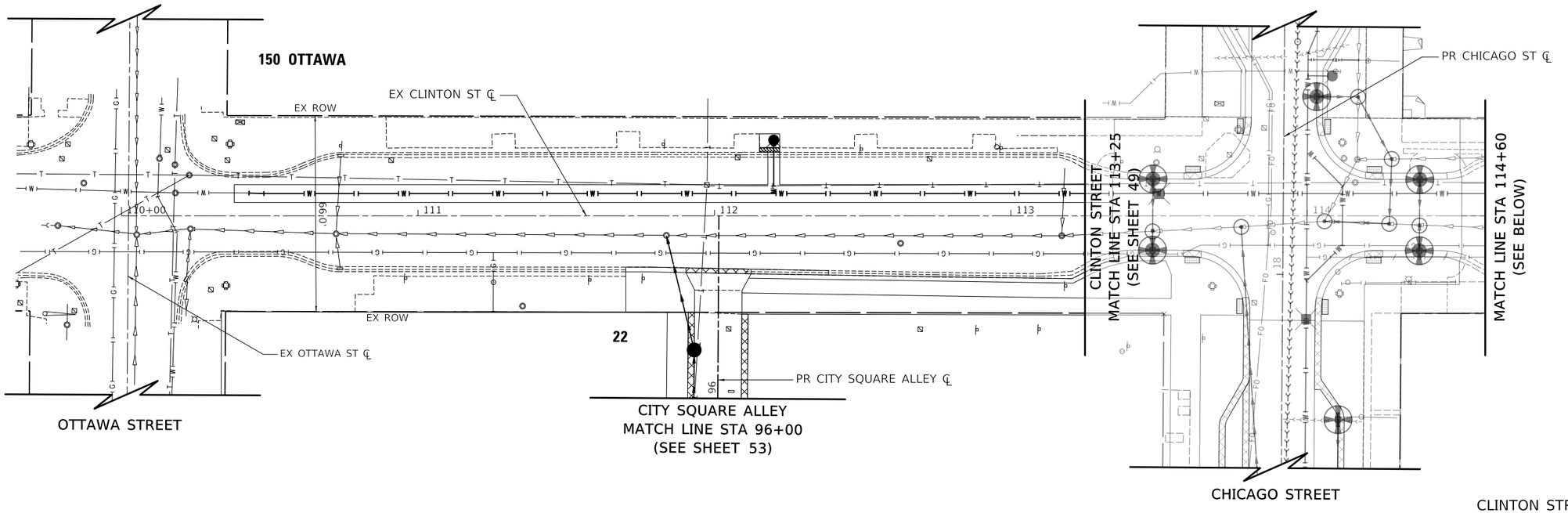
PLAN & PROFILE
CITY SQUARE PLAN

SCALE: 1" = 20' | SHEET 8 OF 9 SHEETS | STA. 93+55 TO STA. 96+00

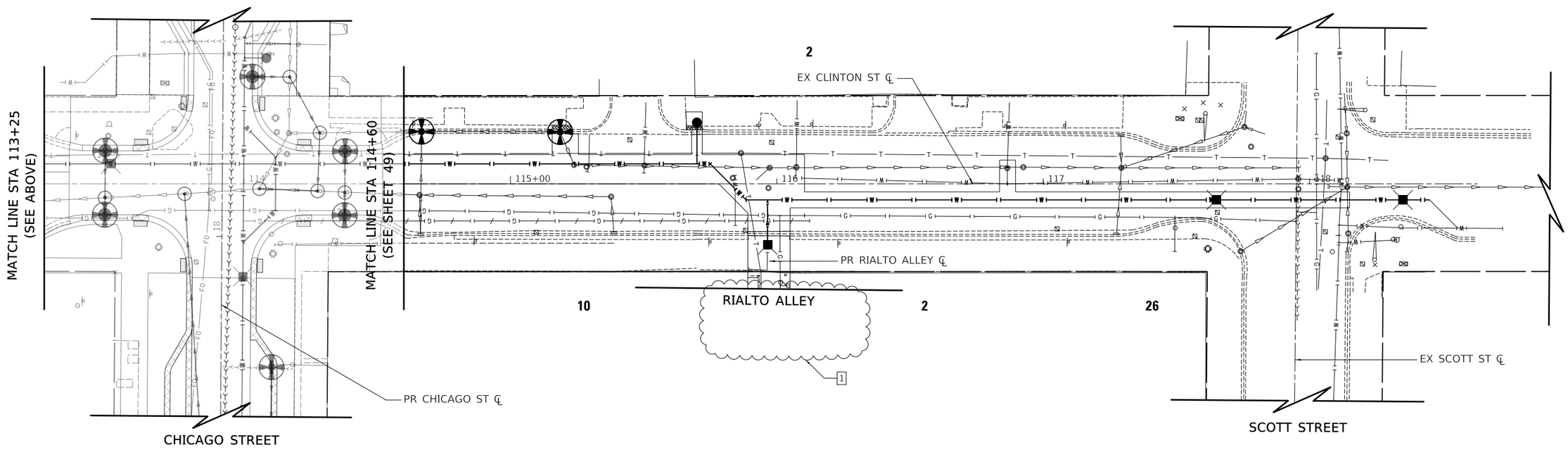
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	36
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE



CLINTON STREET - EROSION CONTROL PLAN



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\36\75-sht-ec04.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - JPN	REVISED 1 - ADDEN 1 - 5/30/2024
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PLOT DATE = 5/31/2024	DATE -	REVISED -

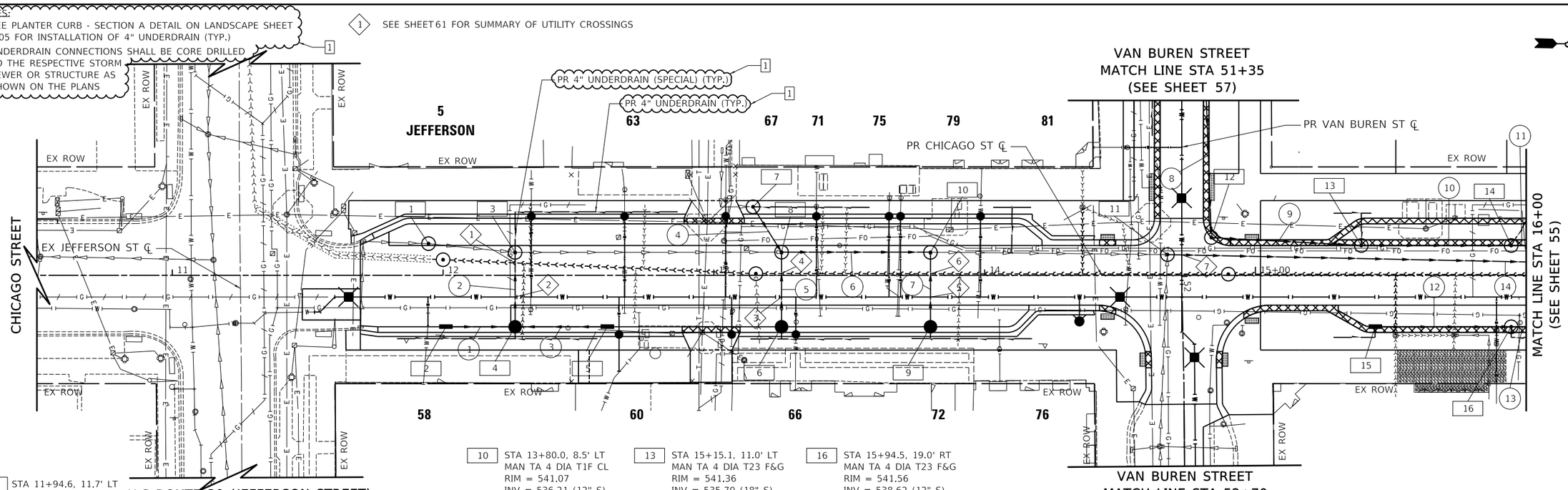
CITY OF JOLIET

CLINTON STREET
EROSION CONTROL PLAN

SCALE: 1" = 20' | SHEET 4 OF 6 SHEETS | STA. 110+38 | TO STA. 118+65

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	52
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

NOTES:
1. SEE PLANTER CURB - SECTION A DETAIL ON LANDSCAPE SHEET 5.05 FOR INSTALLATION OF 4" UNDERDRAIN (TYP.)
2. UNDERDRAIN CONNECTIONS SHALL BE CORE DRILLED TO THE RESPECTIVE STORM SEWER OR STRUCTURE AS SHOWN ON THE PLANS



1 STA 11+94.6, 11.7' LT
MAN TA 4 DIA T1F CL
PR RIM = 540.23
INV = 537.57 (EX 10" S)
INV = 537.57 (EX 10" N)

2 STA 12+01.0, 19.0' RT
INLET TA T23 F&G
RIM = 540.08
INV = 537.25 (12" N)

3 STA 12+26.6, 8.5' LT
MAN TA 4 DIA T1F CL
RIM = 540.46
INV = 537.41 (EX 10" S)
INV = 537.02 (EX 12" N)
INV = 537.02 (12" E)

4 STA 12+26.6, 19.0' RT
CB TA 4 DIA T23 F&G
RIM = 540.18
INV = 537.15 (12" S)
INV = 537.15 (12" N)
INV = 537.15 (12" W)

5 STA 12+60.7, 19.0' RT
INLET TA T23 F&G
RIM = 540.32
INV = 537.30 (12" S)

6 STA 13+25.0, 19.0' RT
CB TA 4 DIA T23 F&G
RIM = 540.38
INV = 537.00 (12" W)

7 STA 13+14.45, 25.3' LT
MAN TA 4 DIA T1F CL
RIM = 540.94
INV = 537.69 (EX 6" S)
INV = 536.74 (12" NE)

8 STA 13+25.0, 8.6' LT
MAN TA 6 DIA T1F CL
RIM = 540.85
INV = 536.63 (EX 12" S)
INV = 536.63 (12" SW)
INV = 536.62 (12" N)
INV = 536.88 (12" E)

9 STA 13+80.0, 19.0' RT
CB TA 4 DIA T23 F&G
RIM = 540.41
INV = 537.50 (12" W)

10 STA 13+80.0, 8.5' LT
MAN TA 4 DIA T1F CL
RIM = 541.07
INV = 536.21 (12" S)
INV = 536.17 (EX 15" N)
INV = 537.38 (12" E)

11 STA 14+67.5, 7.6' LT
MAN TA 5 DIA T1F CL
RIM = 541.35
INV = 534.99 (EX 15" S)
INV = 534.99 (EX 12" E)
INV = 534.99 (30" N)

12 STA 51+72.0, 8.0' LT
MAN TA 4 DIA T23 F&G
RIM = 541.21
INV = 535.97 (18" W)
INV = 535.95 (18" N)

13 STA 15+15.1, 11.0' LT
MAN TA 4 DIA T23 F&G
RIM = 541.36
INV = 535.70 (18" S)
INV = 535.68 (18" N)

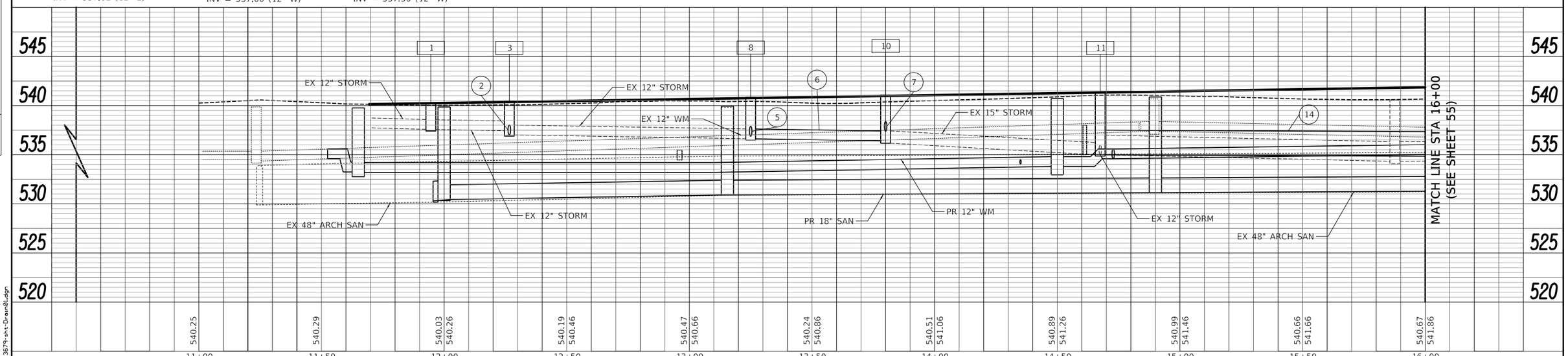
14 STA 15+94.5, 11.0' LT
MAN TA 4 DIA T23 F&G
RIM = 541.68
INV = 535.43 (18" S)
INV = 535.41 (18" N)

15 STA 15+44.2, 19.0' RT
INLET TA T23 F&G
RIM = 541.35
INV = 538.85 (12" N)

16 STA 15+94.5, 19.0' RT
MAN TA 4 DIA T23 F&G
RIM = 541.56
INV = 538.62 (12" S)
INV = 538.61 (12" N)

(1) 21' - STORM SEW RG CL A 4, 12" @ 0.50%
(2) 25' - STORM SEW 1 WAT MN, 12" @ 0.50%
(3) 30' - STORM SEW RG CL A 4, 12" @ 0.50%
(4) 16' - STORM SEW RG CL A 4, 12" @ 0.50%
(5) 25' - STORM SEW 1 WAT MN, 12" @ 0.50%
(6) 51' - STORM SEW 1 WAT MN, 12" @ 0.80%
(7) 25' - STORM SEW 1 WAT MN, 12" @ 0.50%
(8) 73' - STORM SEW RG CL A 4, 18" @ 0.50%
(9) 51' - STORM SEW RG CL A 4, 18" @ 0.50%
(10) 51' - STORM SEW RG CL A 4, 18" @ 0.50%
(11) 70' - STORM SEW RG CL A 4, 18" @ 0.50%
(12) 47' - STORM SEW RG CL A 4, 12" @ 0.50%
(13) 68' - STORM SEW RG CL A 4, 12" @ 0.50%
(14) 197' - STORM SEW 2 WAT MN, 30" @ 0.11%

CHICAGO STREET - DRAINAGE PLAN



PLAN — SURVEYED, PLOTTED, ASSIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, ASSIGNMENT CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\36779-sht-Drain01.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - JPN	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN - JPN	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - TKL	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

DRAINAGE PLAN
CHICAGO STREET

SCALE: 1" = 20' | SHEET 1 OF 8 SHEETS | STA. 11+00 TO STA. 16+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	54
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

(1) SEE SHEET 61 FOR SUMMARY OF UTILITY CROSSINGS

(17) STA 16+68.5, 11.0' LT
CB TA 4 DIA T23 F&G
RIM = 541.97
INV = 535.06 (18" S)
INV = 535.04 (18" E)

(1) PR 4" UNDERDRAIN (TYP.)

(1) PR 4" UNDERDRAIN (SPECIAL) (TYP.)

CITY SQUARE PATH
MATCH LINE STA71+90
(SEE SHEET 59)

PR CITY SQUARE PATH ℄

CLINTON STREET

EX ROW

EX CLINTON ST ℄

MATCH LINE STA 16+00
(SEE SHEET 54)

MATCH LINE STA 21+00
(SEE SHEET 56)

150
OTTAWA

PR CHICAGO ST ℄

104 116 150 156 167 173 175 179

20+00

(15) 4' - STORM SEW RG CL A 4, 18" @ 0.50%
(16) 20' - STORM SEW 1 WAT MN, 12" @ 0.50%
(17) 141' - STORM SEW 2 WAT MN, 30" @ 0.11%
(18) 81' - STORM SEW 1 WAT MN, 12" @ 0.50%
(19) 2' - STORM SEW RG CL A 4, 12" @ 1.00%
(20) 14' - STORM SEW 1 WAT MN, 12" @ 0.50%
(21) 6' - STORM SEW RG CL A 4, 12" @ 0.50%
(22) 16' - STORM SEW 2 WAT MN, 30" @ 0.50%
(23) 12' - STORM SEW 1 WAT MN, 12" @ 0.50%
(24) 16' - STORM SEW 2 WAT MN, 30" @ 0.50%
(25) 18' - STORM SEW RG CL A 4, 30" @ 0.50%
(26) 7' - STORM SEW RG CL A 4, 12" @ 0.50%
(27) 35' - STORM SEW 1 WAT MN, 12" @ 0.50%
(28) 3' - STORM SEW RG CL A 4, 12" @ 0.50%
(29) 2' - STORM SEW RG CL A 4, 12" @ 0.50%
(30) 35' - STORM SEW 1 WAT MN, 12" @ 0.50%
(31) 7' - STORM SEW RG CL A 4, 12" @ 0.50%
(32) 3' - STORM SEW RG CL A 4, 12" @ 0.50%
(33) 48' - STORM SEW RG CL A 4, 12" @ 0.50%
(34) 4' - STORM SEW RG CL A 4, 12" @ 1.00%
(35) 59' - STORM SEW RG CL A 4, 12" @ 0.50%
(36) 39' - STORM SEW RG CL A 4, 12" @ 0.50%

(18) STA 16+69.6, 3.5' LT
MAN TA 6 DIA T1 F CL
RIM = 542.09
INV = 538.16 (12" E)
INV = 535.02 (18" W)
INV = 534.77 (30" S)
INV = 534.76 (30" N)

(19) STA 16+66.6, 19.0' RT
CB TA 4 DIA T23 F&G
RIM = 541.85
INV = 538.27 (12" N)
INV = 538.27 (12" S)
INV = 538.26 (12" W)

(20) STA 17+51.2, 19.0' RT
INLET TA T23 F&G
RIM = 541.98
INV = 538.65 (12" S)

(21) STA 18+18.0, 13.9' RT
MAN TA 5 DIA T1F CL
RIM = 541.77
INV = 534.81 (EX 26" W)
INV = 535.00 (30" E)

(22) STA 18+15.9, 14.1' LT
MAN TA 7 DIA T1F CL
RIM = 541.77
INV = 534.61 (EX 26" E)
INV = 534.61 (EX 30" S)
INV = 534.61 (EX 36" W)

(23) STA 18+08.3, 30.8' RT
CB TA 4 DIA T23 F&G
RIM = 541.33
INV = 537.83

(24) STA 18+07.9, 31.1' LT
CB TA 4 DIA T23 F&G
RIM = 541.24
INV = 537.74 (12" N)

(25) STA 18+16.8, 46.0' RT
MAN TA 4 DIA T1F CL
RIM = 541.44
INV = 537.09 (EX 12" W)
INV = 537.10 (EX 12" E)
INV = 537.80 (12" S)
INV = 538.16 (12" N)

(26) STA 18+17.3, 35.8' RT
MAN TA 7 DIA T1F CL
RIM = 541.50
INV = 537.07 (EX 12" E)
INV = 535.08 (30" W)
INV = 530.63 (30" N)

(27) STA 18+14.9, 31.1' LT
MAN TA 7 DIA T1F CL
RIM = 541.34
INV = 534.37 (EX 36" E)
INV = 534.37 (EX 36" W)
INV = 537.72 (12" S)
INV = 538.26 (12" N)

(28) STA 18+31.9, 31.1' LT
CB TA 4 DIA T23 F&G
RIM = 541.33
INV = 538.33 (12" S)

(29) STA 18+32.3, 30.8' RT
CB TA 4 DIA T23 F&G
RIM = 541.31
INV = 538.23 (12" S)

(30) STA 18+39.2, 36.5' RT
MAN TA 6 DIA T1F CL
RIM = 542.13
INV = 537.71 (12" E)
INV = 535.48 (30" NW)
INV = 530.71 (30" S)

(31) STA 18+60.0, 11.0' RT
CB TA 4 DIA T23 F&G
RIM = 541.59
INV = 538.09 (12" E)

(32) STA 18+60.0, 25.0' RT
MAN TA 6 DIA T1F CL
RIM = 542.09
INV = 538.06 (12" W)
INV = 535.60 (EX 32" N)
INV = 535.57 (30" SE)

(33) STA 18+95.0, 25.1' RT
MAN TA 6 DIA T1F CL
RIM = 542.09
INV = 537.89 (12" W)
INV = 535.78 (EX 32" N)
INV = 535.75 (EX 32" S)

(34) STA 18+95.0, 19.0' RT
CB TA 4 DIA T23 F&G
RIM = 541.44
INV = 537.93 (12" W)
INV = 537.91 (12" E)

(35) STA 18+95.0, 19.0' LT
INLET TA T23 F&G
RIM = 541.25
INV = 538.11 (12" E)

(36) STA 19+34.7, 19.0' RT
CB TA 4 DIA T23 F&G
RIM = 541.26
INV = 537.75 (12" E)

(37) STA 19+34.7, 25.4' RT
MAN TA 6 DIA T1F CL
RIM = 542.05
INV = 537.74 (12" W)
INV = 535.98 (EX 24" N)
INV = 535.96 (EX 32" S)

(38) STA 19+40.0, 19.0' LT
INLET TA T23 F&G
RIM = 541.24
INV = 537.93 (12" E)

(39) STA 20+00.3, 19.0' RT
CB TA 4 DIA T23 F&G
RIM = 541.15
INV = 537.65 (12" S)
INV = 536.20 (12" N)
INV = 536.18 (12" E)

(40) STA 20+00.1, 25.2' RT
MAN TA 5 DIA T1F CL
RIM = 541.97
INV = 537.07 (EX 12" E)
INV = 536.17 (12" W)
INV = 536.17 (EX 24" S)

(41) STA 19+90.0, 19.0' RT
INLET TA T23 F&G
RIM = 541.15
INV = 537.69 (12" N)

(42) STA 20+75.0, 19.0' LT
INLET TA T23 F&G
RIM = 541.17
INV = 537.67 (12" N)

(43) STA 20+82.5, 19.0' LT
MAN TA 4 DIA T23 F&G
RIM = 541.21
INV = 537.62 (12" N)
INV = 537.58 (12" S)

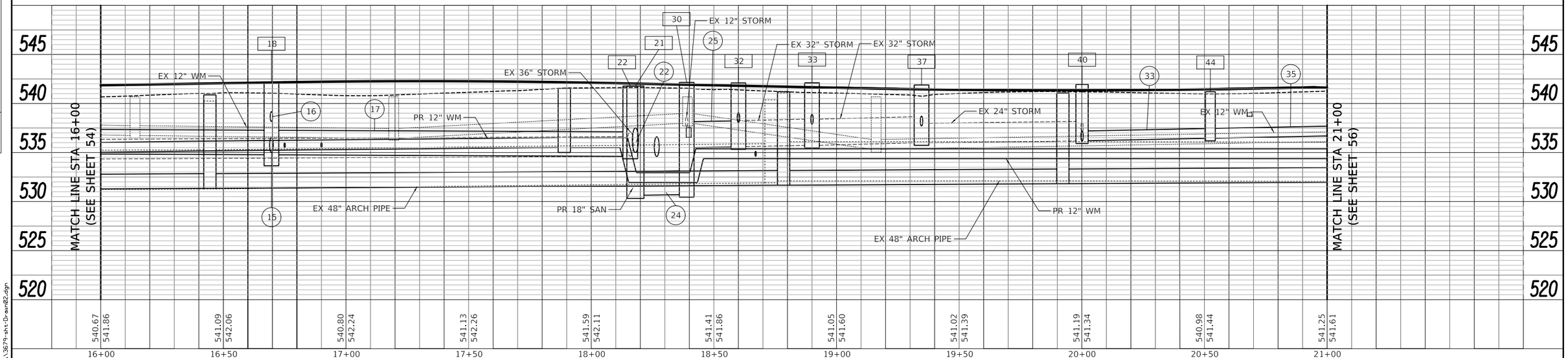
(44) STA 20+52.4, 19.0' RT
MAN TA 4 DIA T23 F&G
RIM = 541.26
INV = 536.46 (12" N)
INV = 536.44 (12" S)

(1) NOTES:
1. SEE PLANTER CURB - SECTION A DETAIL ON LANDSCAPE SHEET 5.05 FOR INSTALLATION OF 4" UNDERDRAIN (TYP.)
2. UNDERDRAIN CONNECTIONS SHALL BE CORE DRILLED TO THE RESPECTIVE STORM SEWER OR STRUCTURE AS SHOWN ON THE PLANS

CHICAGO STREET - DRAINAGE PLAN

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
DATE
BY



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
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CIVILTECH

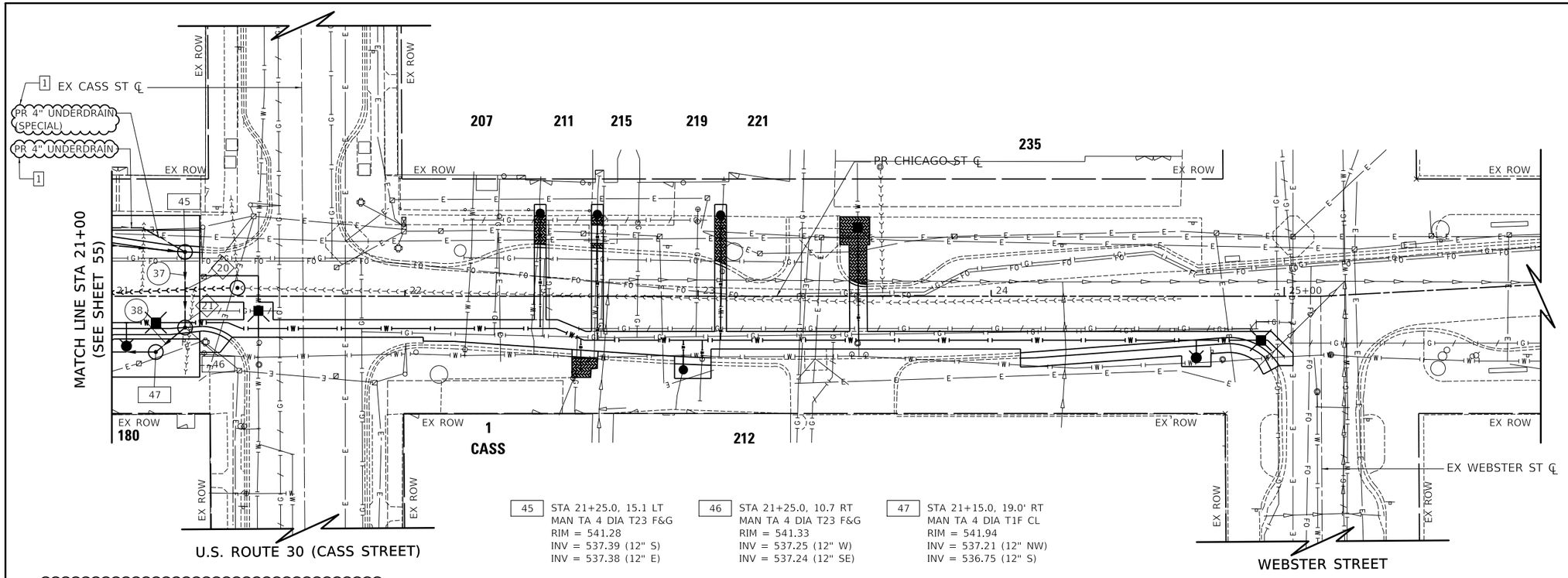
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	DRAWN - JPN	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - TKL	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

DRAINGE PLAN
CHICAGO STREET

SCALE: 1" = 20' | SHEET 2 OF 8 SHEETS | STA. 16+00 TO STA. 21+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			224	55
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



45 STA 21+25.0, 15.1 LT
MAN TA 4 DIA T23 F&G
RIM = 541.28
INV = 537.39 (12" S)
INV = 537.38 (12" E)

46 STA 21+25.0, 10.7 RT
MAN TA 4 DIA T23 F&G
RIM = 541.33
INV = 537.25 (12" W)
INV = 537.24 (12" SE)

47 STA 21+15.0, 19.0' RT
MAN TA 4 DIA T1F CL
RIM = 541.94
INV = 537.21 (12" NW)
INV = 536.75 (12" S)

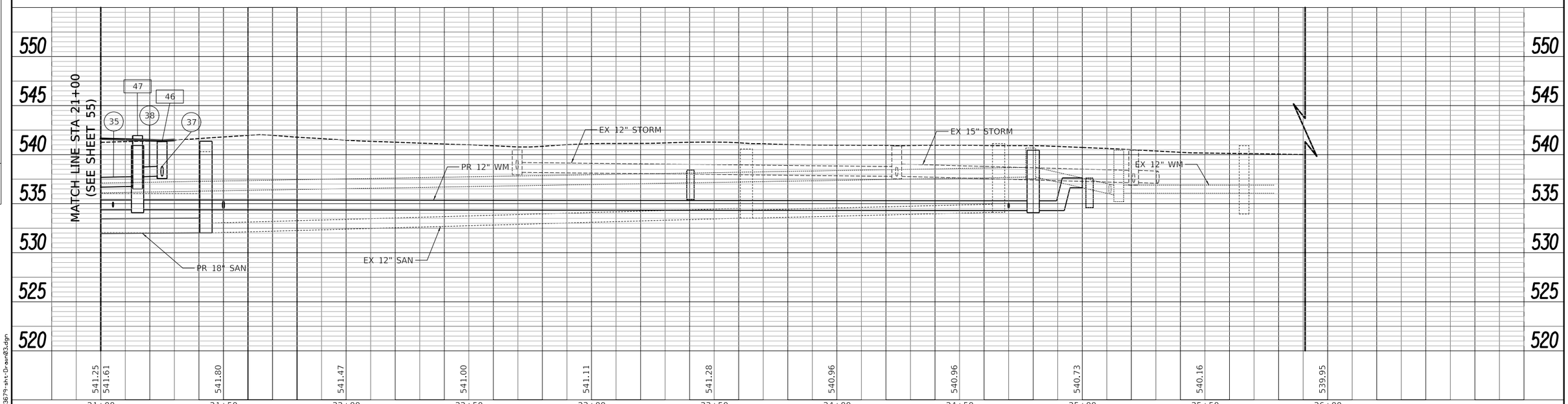
NOTES:
1. SEE PLANTER CURB - SECTION A DETAIL ON LANDSCAPE SHEET 5.05 FOR INSTALLATION OF 4" UNDERDRAIN (TYP.)
2. UNDERDRAIN CONNECTIONS SHALL BE CORE DRILLED TO THE RESPECTIVE STORM SEWER OR STRUCTURE AS SHOWN ON THE PLANS

(37) 26' - STORM SEW 1 WAT MN, 12" @ 0.50%

(38) 9' - STORM SEW 1 WAT MN, 12" @ 0.50%

◇1 SEE SHEET 61 FOR SUMMARY OF UTILITY CROSSINGS

CHICAGO STREET - DRAINAGE PLAN



PLAN: SURVEYED, PLOTTED, AUGMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, DESIGN CHECKED, E.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

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PEN TABLE = $PENTBLL$
FILE NAME = ...\3679-sht-Drain03.dgn

CIVILTECH

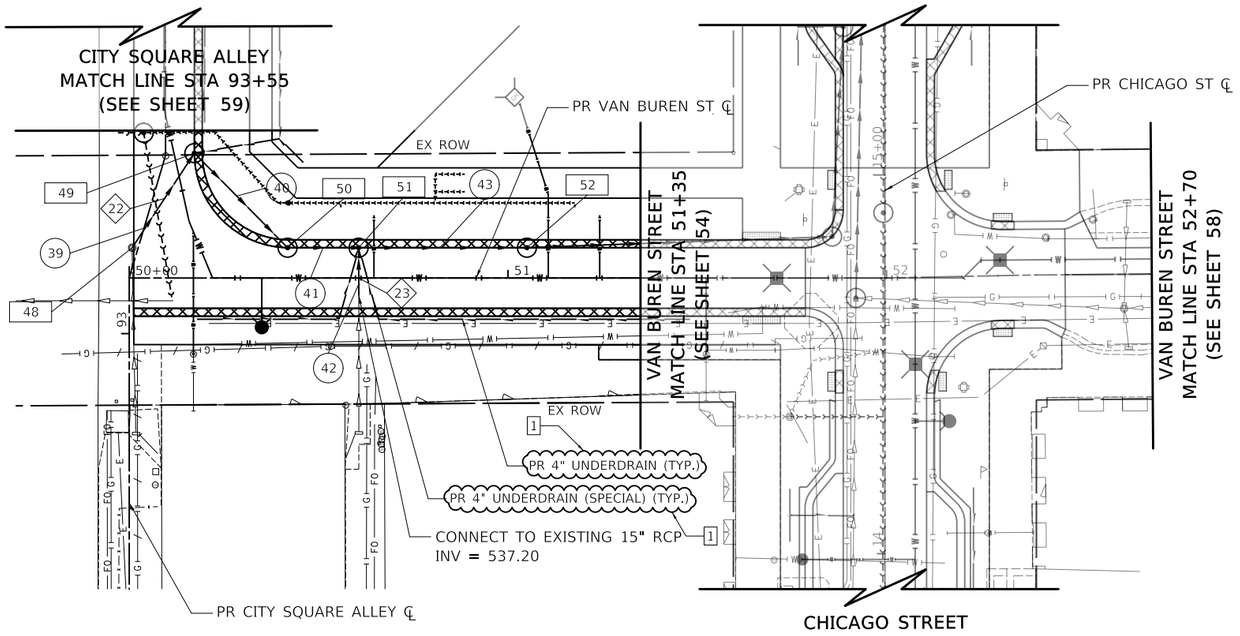
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	DRAWN - JPN	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - TKL	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

DRAINAGE PLAN
CHICAGO STREET

SCALE: 1" = 20' | SHEET 3 OF 8 SHEETS | STA. 21+00 TO STA. 26+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	56
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



1 SEE SHEET 61 FOR SUMMARY OF UTILITY CROSSINGS

48 50+00.8, 8.0, LT
EX CB TO BE ADJ
EX RIM = 541.09
PR RIM = 541.09
INV = 537.85 (EX 8" S)
INV = 537.10 (12" NE)

49 STA 50+17.6, 33.0, LT
MAN TA 4 DIA T23 F&G
PR RIM = 540.97
INV = 536.84 (12" SW)
INV = 536.82 (12" SE)

50 STA 50+60.6, 8.0' LT
MAN TA 4 DIA T23 F&G
PR RIM = 541.18
INV = 536.66 (12" NW)
INV = 536.64 (12" E)

51 STA 50+60.6, 8.0' LT
MAN TA 4 DIA T23 F&G
PR RIM = 541.18
INV = 537.05 (15" S)
INV = 536.57 (12" W)
INV = 536.55 (18" E)

52 STA 51+05.0, 8.0' LT
MAN TA 4 DIA T23 F&G
PR RIM = 541.00
INV = 536.35 (18" W)
INV = 536.33 (18" E)

39 26' - STORM SEW 1 WAT MN, 12" @ 1.00%

40 31' - STORM SEW RG CL A 4, 12" @ 0.50%

41 15' - STORM SEW RG CL A 4, 12" @ 0.50%

42 13' - STORM SEW 2 WAT MN, 15" @ 1.10%

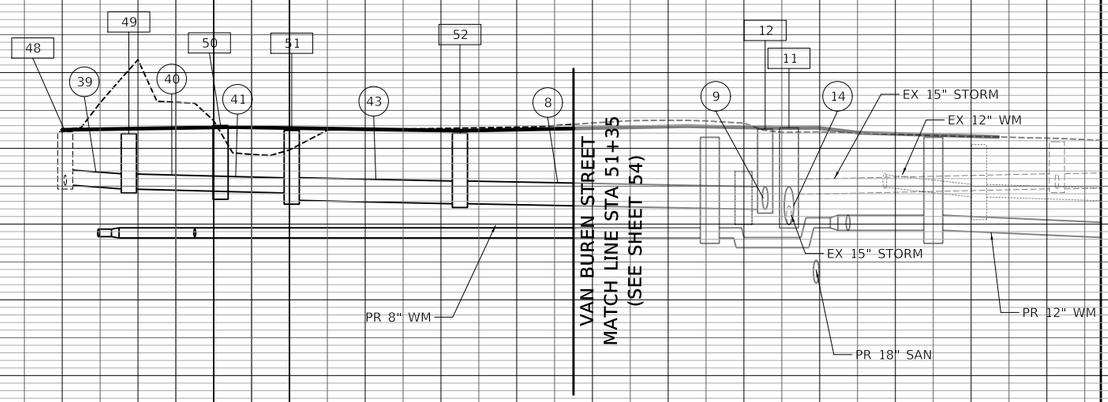
43 40' - STORM SEW RG CL A 4, 18" @ 0.26%

N

1 NOTES:
1. SEE PLANTER CURB - SECTION A DETAIL ON LANDSCAPE SHEET 5.05 FOR INSTALLATION OF 4" UNDERDRAIN (TYP.)
2. UNDERDRAIN CONNECTIONS SHALL BE CORE DRILLED TO THE RESPECTIVE STORM SEWER OR STRUCTURE AS SHOWN ON THE PLANS

VAN BUREN STREET - DRAINAGE PLAN

PLAN — DATE / BY — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK — NO.



PROFILE — DATE / BY — SURVEYED / PLOTTED / CROSS SECTIONS CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD — NOTE BOOK — NO.

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CIVILTECH

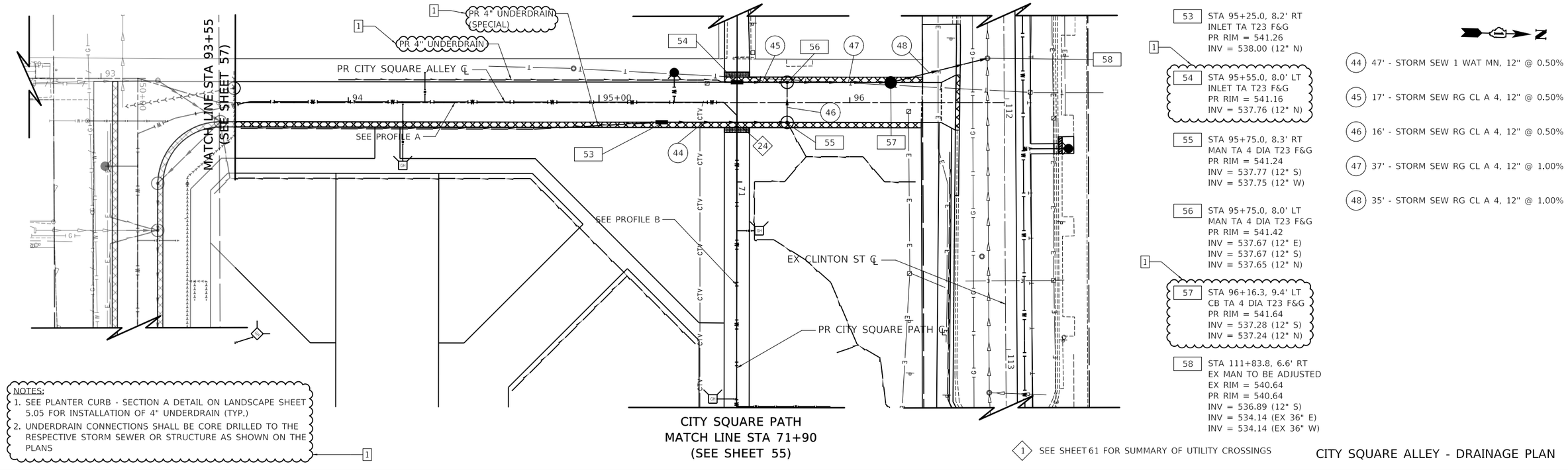
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	DRAWN - JPN	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - TKL	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

DRAINAGE PLAN
VAN BUREN STREET

SCALE: 1" = 20' | SHEET 4 OF 8 SHEETS | STA. 50+00 TO STA. 51+35

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	57
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



NOTES:
1. SEE PLANTER CURB - SECTION A DETAIL ON LANDSCAPE SHEET 5.05 FOR INSTALLATION OF 4" UNDERDRAIN (TYP.)
2. UNDERDRAIN CONNECTIONS SHALL BE CORE DRILLED TO THE RESPECTIVE STORM SEWER OR STRUCTURE AS SHOWN ON THE PLANS

[1] SEE SHEET 61 FOR SUMMARY OF UTILITY CROSSINGS

[53] STA 95+25.0, 8.2' RT
INLET TA T23 F&G
PR RIM = 541.26
INV = 538.00 (12" N)

[1] [54] STA 95+55.0, 8.0' LT
INLET TA T23 F&G
PR RIM = 541.16
INV = 537.76 (12" N)

[55] STA 95+75.0, 8.3' RT
MAN TA 4 DIA T23 F&G
PR RIM = 541.24
INV = 537.77 (12" S)
INV = 537.75 (12" W)

[56] STA 95+75.0, 8.0' LT
MAN TA 4 DIA T23 F&G
PR RIM = 541.42
INV = 537.67 (12" E)
INV = 537.67 (12" S)
INV = 537.65 (12" N)

[1] [57] STA 96+16.3, 9.4' LT
CB TA 4 DIA T23 F&G
PR RIM = 541.64
INV = 537.28 (12" S)
INV = 537.24 (12" N)

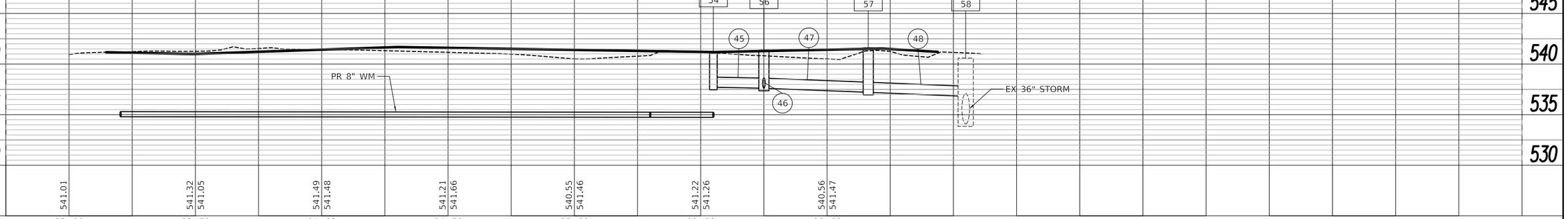
[58] STA 111+83.8, 6.6' RT
EX MAN TO BE ADJUSTED
EX RIM = 540.64
PR RIM = 540.64
INV = 536.89 (12" S)
INV = 534.14 (EX 36" E)
INV = 534.14 (EX 36" W)

(44) 47' - STORM SEW 1 WAT MN, 12" @ 0.50%
(45) 17' - STORM SEW RG CL A 4, 12" @ 0.50%
(46) 16' - STORM SEW RG CL A 4, 12" @ 0.50%
(47) 37' - STORM SEW RG CL A 4, 12" @ 1.00%
(48) 35' - STORM SEW RG CL A 4, 12" @ 1.00%

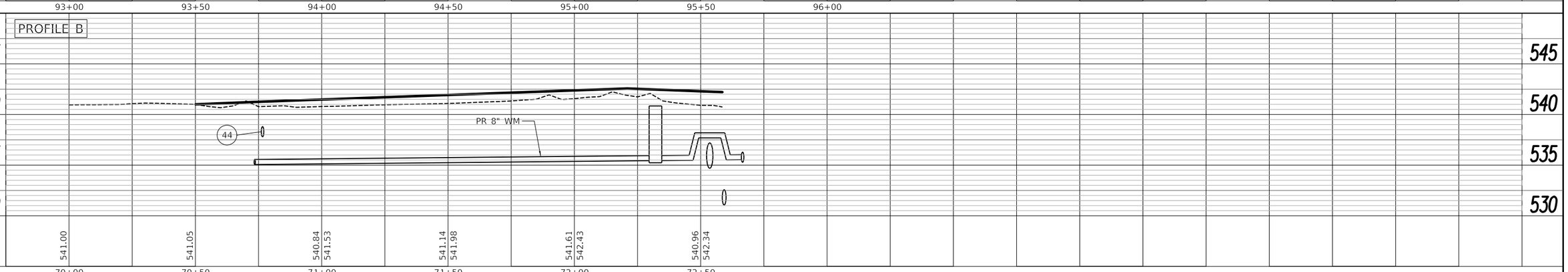
CITY SQUARE ALLEY - DRAINAGE PLAN

PLAN
DATE / BY
SURVEYED
PLOTTED
ADDENDUM CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.

PROFILE A



PROFILE B



PROFILE
DATE / BY
SURVEYED
PLOTTED
ADDENDUM CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\36779-sht-Drain86.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - JPN	REVISED 1 - ADDEN 1 - 5/30/2024
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PLOT DATE = 5/31/2024	DATE -	REVISED -

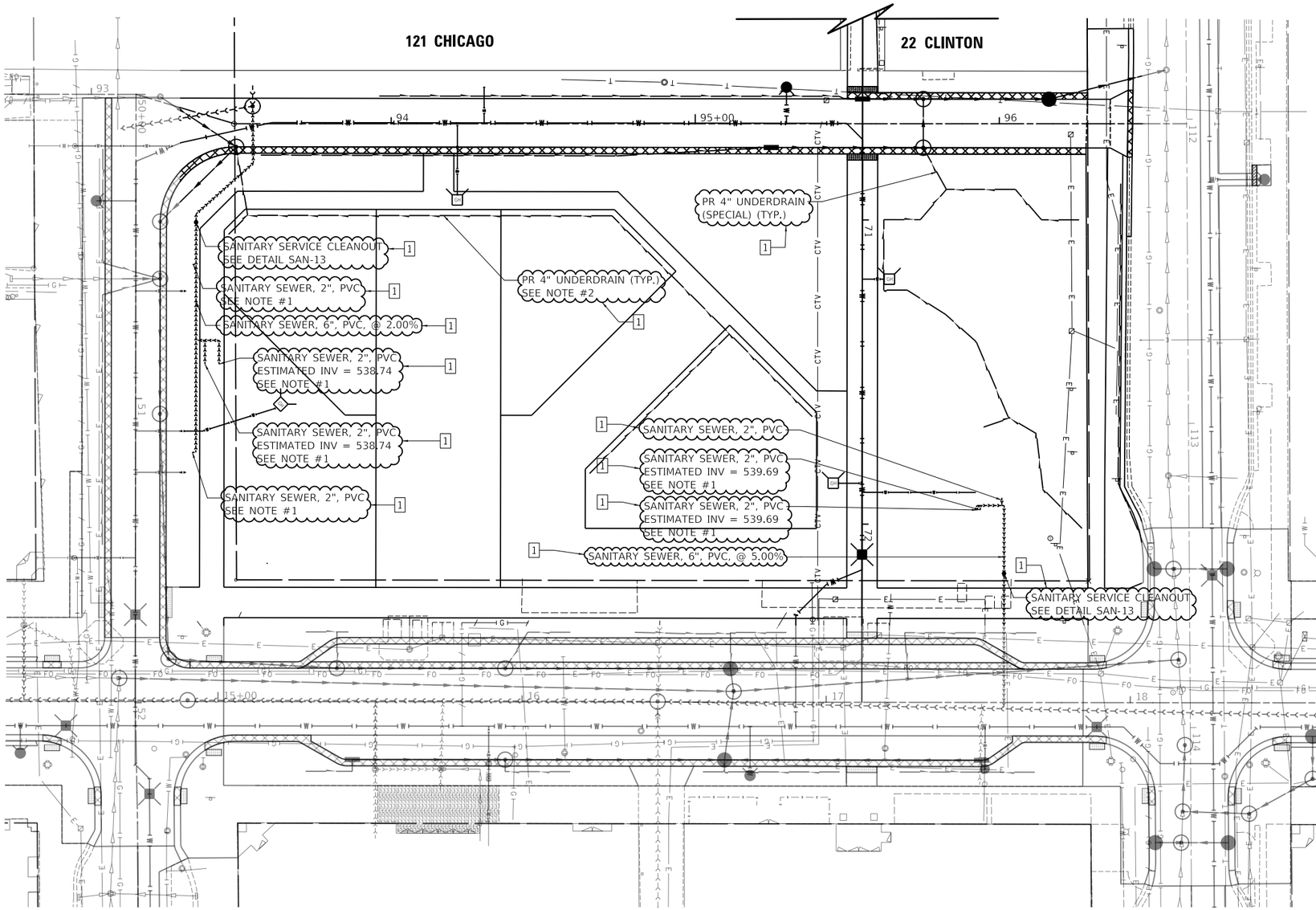
CITY OF JOLIET

DRAINAGE PLAN
CITY SQUARE ALLEY PLAN

SCALE: 1" = 20' | SHEET 6 OF 8 SHEETS | STA. 93+55 TO STA. 96+62

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	59
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

NOTES:
1. SEE JOLIET CITY SQUARE SINGLE RECTANGLE FOUNTAIN PLAN FOR SANITARY SEWER PVC FOUNTAIN DRAIN INSTALLATION DETAILS
2. SEE ARTIFICIAL TURF TYPICAL SECTION, DETAIL #2 ON LANDSCAPE SHEET 5.03 FOR INSTALLATION OF 4" UNDERDRAIN (TYP.)
3. UNDERDRAIN CONNECTIONS SHALL BE CORE DRILLED TO THE RESPECTIVE STORM SEWER OR STRUCTURE AS SHOWN ON THE PLANS



CITY SQUARE - SITE PLAN

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\36/Tr-sht-Drain07.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - JPN	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN - TKL	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - TKL	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

DRAINAGE AND UTILITY PLAN
CITY SQUARE PLAN

SCALE: 1" = 20' | SHEET 7 OF 8 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	60
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

EX CASS ST ℄
2
CASS
EX ROW
+05.0, 9.0' RT
12" X 6" TEE
CONNECTION TO EXISTING
WATER MAIN (NON-PRESSURE)
EX COMED VAULT
PR CHICAGO ST ℄
MATCH LINE STA 21+00
(SEE SHEET 63)
12"X10" CROSS
+51.5, 11.0' RT
22.5°BEND
+61.1, 15.0' RT
22.5°BEND
+70.0, 15.0' RT
12" X 6" TEE
+94.4, 15.0' LT
45°BEND
CONNECTION TO EXISTING
WATER MAIN (NON-PRESSURE)
EX WEBSTER ST ℄
180
1
CASS
212
207
211
215
219
221
235
25+00
CONNECTION TO EXISTING
WATER MAIN (NON-PRESSURE)
U.S. ROUTE 30 (CASS STREET)
WEBSTER STREET

7 STA 21+42.9, 2.8' LT
MAN SAN 5 DIA T1F CL
RIM = 541.82
INV = 532.02 (18" S)
INV = 532.05 (EX 15" N)
INV = UNKNOWN (W)

10 STA 21+15.0, 17.0' RT
FIRE HYD W/AUX V & VB

11 STA 21+22.0, 9.0' RT
VV TA 5 DIA T1F CL
WATER VALVES 12"
RIM = 541.59

12 STA 24+70.0, 19.0' RT
FIRE HYD W/AUX V & VB

13 STA 24+92.0, 15.0' RT
VV TA 5 DIA T1F CL
WATER VALVES 12"
RIM = 540.97

14 STA 21+50, 5.0' RT
VALVE BOX
WATER VALVES 10"
RIM = 540.97

37 SAN SERVICE 12"
38 SAN SERVICE 6"
39 WATER SERVICE X"
40 WATER SERVICE 8"
41 WATER SERVICE 1"
42 WATER SERVICE 1"
43 WATER SERVICE 2"
44 WATER SERVICE 1"
45 WATER SERVICE 1"
46 WATER SERVICE 6"

13 6' - D I WATER MAIN 6"
14 379' - D I WATER MAIN 12"
15 4' - D I WATER MAIN 6"
16 11' - D I WATER MAIN 12"
17 9' - D I WATER MAIN 10"

1
CHICAGO STREET - UTILITY PLAN

PROFILE

MATCH LINE STA 21+00
(SEE SHEET 2)
+05.0, 12" X 6" TEE
+70.0, 12" X 6" TEE

550 545 540 535 530 525 520 515 510

541.25 541.61 541.80 541.47 541.00 541.11 541.28 540.96 540.96 540.73 540.16 539.95

21+00 21+50 22+00 22+50 23+00 23+50 24+00 24+50 25+00 25+50 26+00

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL.$
FILE NAME = ...\3679-sht-uti03.dgn

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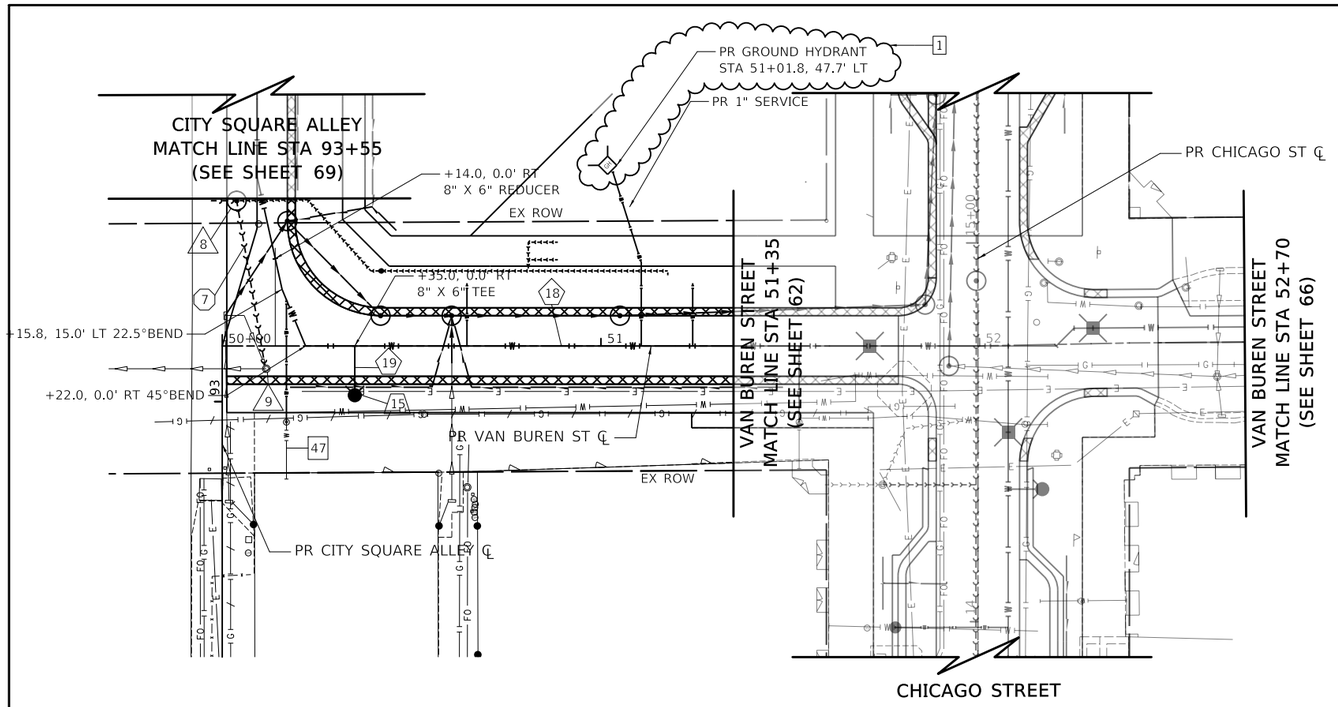
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	DRAWN - NEM	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

UTILITY PLAN
CHICAGO STREET

SCALE: 1" = 20' | SHEET 3 OF 9 SHEETS | STA. 21+00 TO STA. 26+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	64
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



15 STA 50+35.0, 13.0' RT
FIRE HYD W/AUX V & VB

8 STA 50+03.8, 38.3' LT
MAN SAN 4 DIA T1F CL
RIM = 540.28
INV = 536.74 (6" E)
INV = 535.95 (8" SE)

9 STA 50+11.6, 6.0' RT
EX MANHOLE
RIM = 541.21
INV = 535.62 (8" SE)
EX INV = UNKNOWN (W)

18 174' - D I WATER MAIN 8"

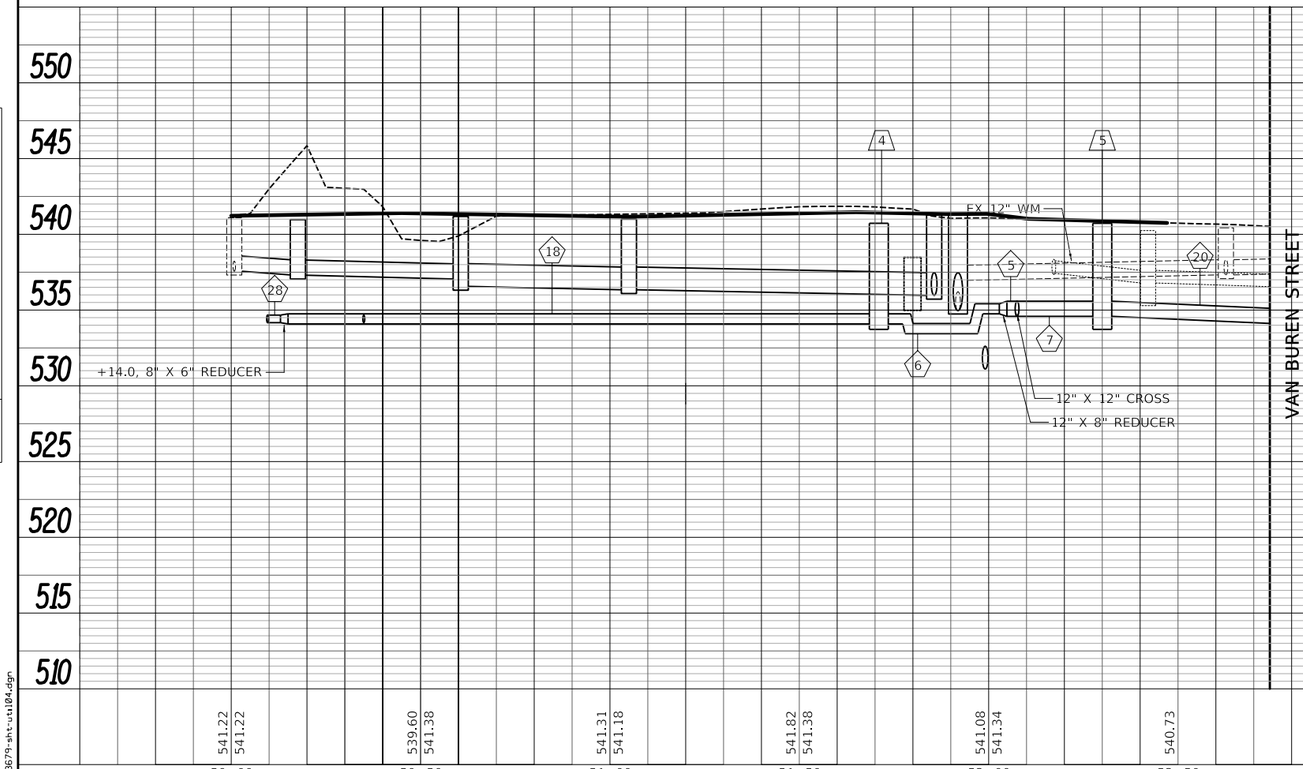
19 13' - D I WATER MAIN 6"

7 44' - SAN SEW, 8", PVC WMQ @ 0.75%

47 WATER SERVICE 1½"

N

VAN BUREN STREET - UTILITY PLAN



PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
DATE
BY

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL.$
FILE NAME = ...\3679-sht-uti04.dgn

CIVILTECH

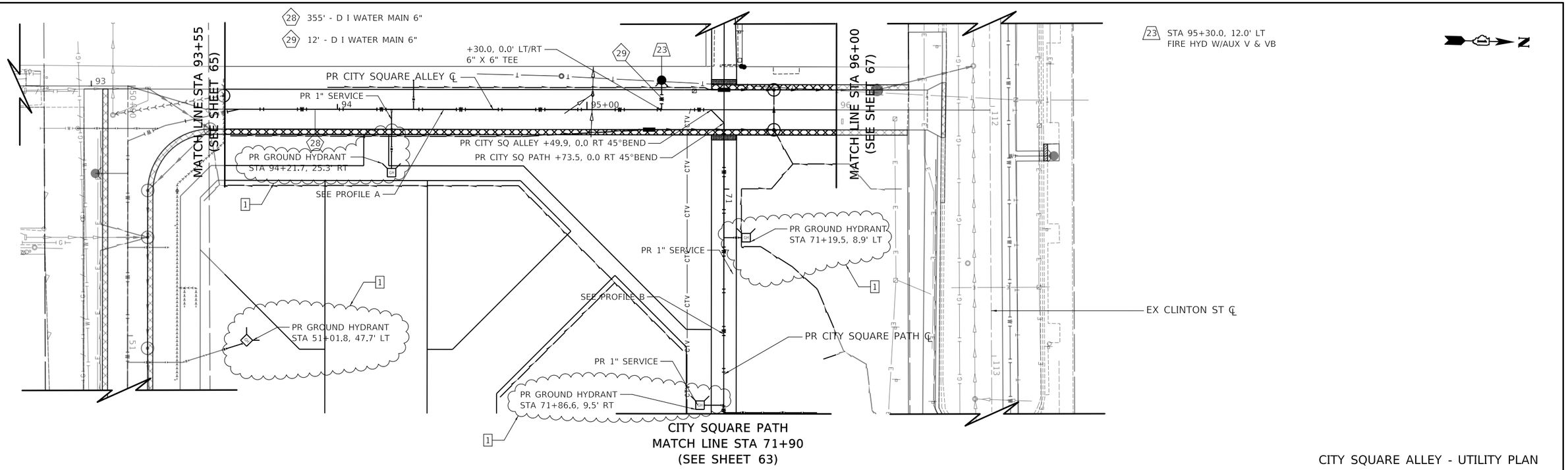
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	DRAWN - NEM	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

UTILITY PLAN
VAN BUREN STREET

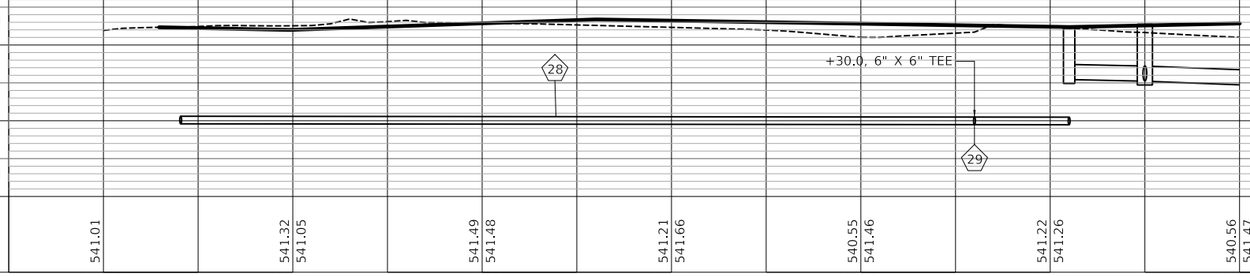
SCALE: 1" = 20' | SHEET 4 OF 9 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	65
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

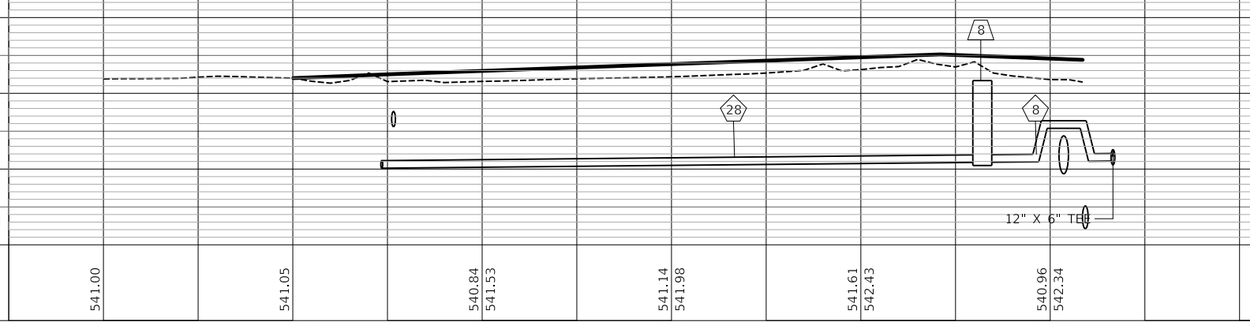


CITY SQUARE ALLEY - UTILITY PLAN

PROFILE A



PROFILE B



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\36779-sht-uti08.dgn

CIVILTECH	USER NAME = untitled	DESIGNED - NEM	REVISED 1 - ADDEN 1 - 5/30/2024
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	PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -
	PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

UTILITY PLAN
CITY SQUARE PLAN

SCALE: 1" = 20' | SHEET 8 OF 9 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	224	69
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

MATCH LINE A
SEE BELOW

341' - PR CITY CONDUIT

CLASS C PATCH, 15 INCH

HANDHOLE

CHICAGO STREET

10+00

CLASS C PATCH, 7 INCH

JEFFERSON STREET

11

12

14

15+00

MATCH LINE A
SEE ABOVE

134' - PR CITY CONDUIT

CHICAGO STREET

HANDHOLE

2.0'

4.0'

CLASS C PATCH, 7 INCH

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (TYP)

SIDEWALK REMOVAL AND REPLACEMENT

SIDEWALK REMOVAL AND REPLACEMENT

PR CITY CONDUIT

5.8'

MATCH LINE B
SEE BELOW

72' - PR CITY CONDUIT

102' - PR CITY CONDUIT

MATCH LINE C
SEE SHEET 72

HEAVY-DUTY HANDHOLE

22.0'

2.0'

WASHINGTON STREET

HEAVY-DUTY HANDHOLE

296' - PR CITY CONDUIT

1

MATCH LINE B
SEE ABOVE

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

24.4'

5.8'

2.0'

CLASS C PATCH, 7 INCH

WASHINGTON STREET

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-util09FO.dgn

CIVILTECH

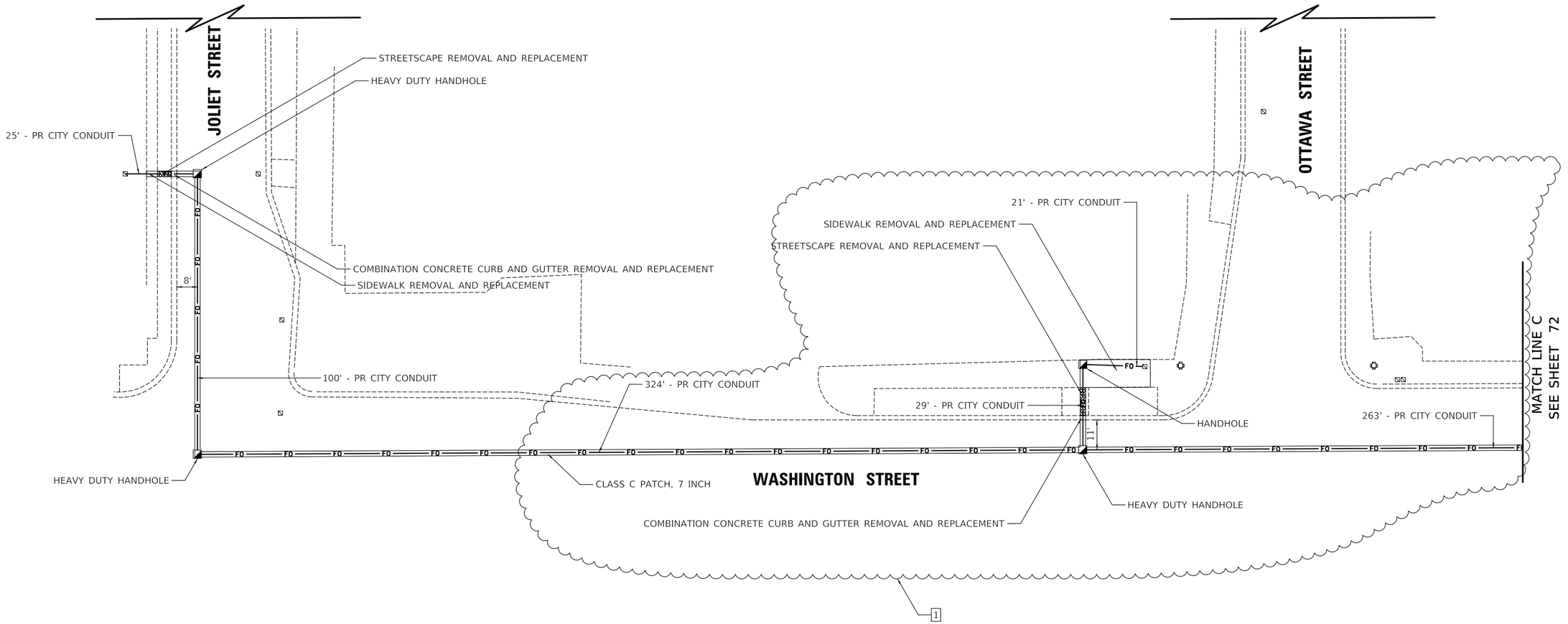
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PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
FIBER OPTIC PLAN

SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	71
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\367*-sht-util0FO.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - NEM	REVISED 1 - ADDEN 1 - 5/30/2024
	DRAWN - NEM	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

CHICAGO STREET STREETSCAPE
FIBER OPTIC PLAN

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	72
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

04 L5.17 BIKE RACK (TYP.)

B6.18 DEPRESSED CURB (TYP.)

02 L5.16 BOLLARD - REMOVABLE (TYP.)

01 L6.12 COMMUNITY IDENTIFIER

FIRE HYDRANT (TYP.)

LIMITS OF SOIL CELLS (TYP.)

EXISTING CONCRETE SIDEWALK - TO REMAIN

03 L5.16 BOLLARD (TYP.)

03 L5.17 METAL TABLES (TYP.)

04 L5.01 VEHICULAR CLAY BRICK PAVERS

01 L5.09 WATER FEATURE PLANTER (TYP.)

01 L5.01 PEDESTRIAN CLAY BRICK PAVERS

01 L5.05 PLANTER CURB (TYP.)

01 L6.12 COMMUNITY IDENTIFIER

06 L5.17 FREESTANDING POTS (TYP.)

01 L5.05 PLANTER CURB (TYP.)

TRASH ENCLOSURE

02 L5.19

12" MIN.

FIRE HYDRANT

FESTOON LIGHTING ABOVE

TRASH ENCLOSURE - PLAN

02 L5.19

B6.18 DEPRESSED CURB

TIERED SEATING PLANTER

01 L5.11

01 L5.06 FAMILY GATHERING AREA LARGE PLANTER

COMMUNITY IDENTIFIER

01 L6.12

MAIN STAGE

01 L6.01

SMALL STAGE

01 L6.07

5" PCC SIDEWALK (TYP.)

LIMESTONE STEPPER PLANTER (TYP.)

04 L5.05

LIMESTONE BLOCK SEATING (TYP.)

01 L5.17

LEAF SHADE STRUCTURE (TYP.)

04 L5.17

ARTIFICIAL TURF

02 L5.03

CIRCULAR PAVER LAYOUT (TYP.)

02 L5.21

BUTTERFLY BENCH (TYP.)

07 L5.17

BOOK SCULPTURE/USE ZONE

5" PCC SIDEWALK SHADE STRUCTURE (TYP.)

01 L6.10

COMMUNITY IDENTIFIER

01 L6.12

50'-6" 5" PCC SIDEWALK

E-VAULT FOUNTAIN SYSTEM

ARTIFICIAL TURF 02 L5.03

8" PCC SIDEWALK

MASONRY WALL PLANTER (TYP.) 01 L5.07

8" PCC SIDEWALK

8" PCC SIDEWALK

DBVA SINGLE FOUNTAIN SYSTEM

HOLIDAY TREE MANHOLE (TYP.) 05 L5.15

FESTOON LIGHTING IN SHADE STRUCTURE

VAN BUREN ST

CLINTON ST

CHICAGO ST

EXISTING BRICK PAVERS - TO REMAIN

06 L5.01 LINEAR DETECTABLE WARNING TILES (TYP.)

RELOCATED EXISTING SCULPTURE ART - VERIFY LOCATION IN FIELD

EXISTING TREE IN ENLARGED PIT (TYP.) 02 L5.18

04 L5.01 VEHICULAR CLAY BRICK PAVERS

EXISTING CONCRETE SIDEWALK - TO REMAIN

01 L5.05 PLANTER CURB (TYP.)

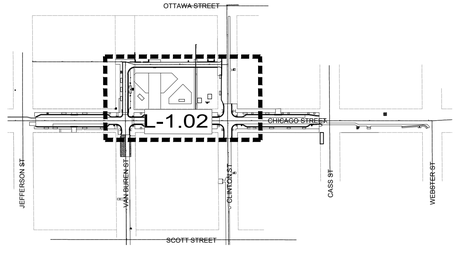
MATCHLINE STA. 13+65 SEE SHEET L1.01

MATCHLINE STA. 19+40 SEE SHEET L1.03

LEGEND

- TRASH RECEPTACLE
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- PEDESTRIAN LIGHT WITH BANNER
- METAL BENCH
- FREESTANDING POT
- BOLLARD
- BOLLARD - REMOVABLE
- PEDESTRIAN CLAY BRICK PAVERS 4X12 RED BLEND
- PEDESTRIAN CLAY BRICK PAVERS 4X12 GREY BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 RED BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 GREY BLEND
- PCC SIDEWALK
- LIMITS OF SOIL CELLS

KEY PLAN:



0 10' 20' 40'

L1.02

CIVILTECH

DESIGNED -	MA/PJH/JDM	REVISED 1 - ADD. 1 - 05/30/2024	
DRAWN -	JDM/MA	REVISED -	
CHECKED -	PJH	REVISED -	
DATE -	04/26/2024	REVISED -	

CITY OF JOLIET

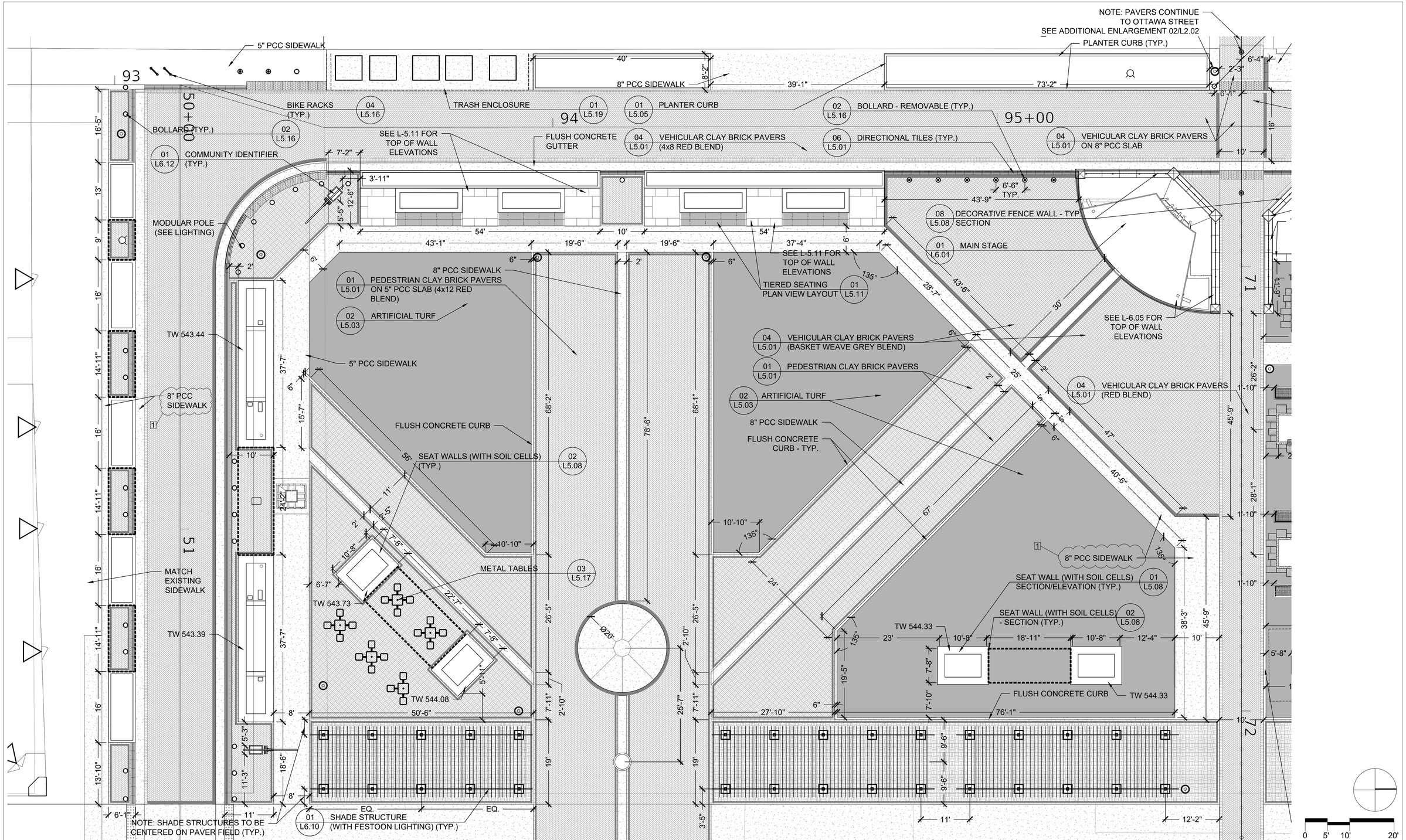
LANDSCAPE PLAN
HARDSCAPE LAYOUT

SCALE: | SHEET OF SHEETS | STA. 1" = 20'-0" | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
	224	86

CONTRACT NO.

ILLINOIS | FED. AID PROJECT



01 SITE MATERIALS AND LAYOUT PLAN
1" = 10'-0"

L2.01

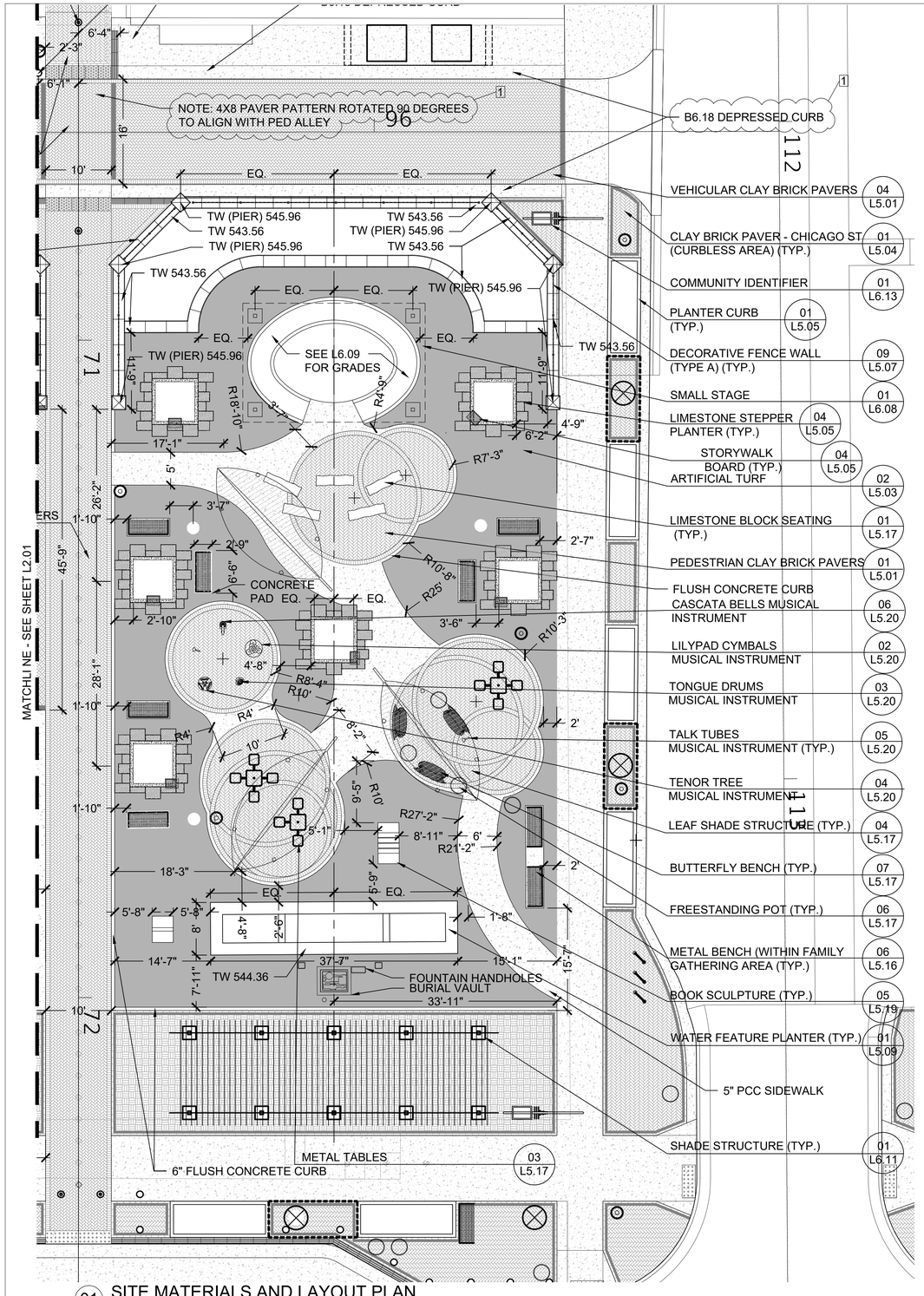
DESIGNED - MA/PJH/JDM	REVISED 1 - ADD. 1 - 05/30/2024	CITY OF JOLIET	LANDSCAPE PLAN HARDSCAPE LAYOUT - ENLARGEMENT A
DRAWN - JDM/MA	REVISED -		
CHECKED - PJH	REVISED -		
DATE - 04/26/2024	REVISED -		SCALE: SHEET OF SHEETS STA. 1" = 20'-0" TO STA.

CIVILTECH

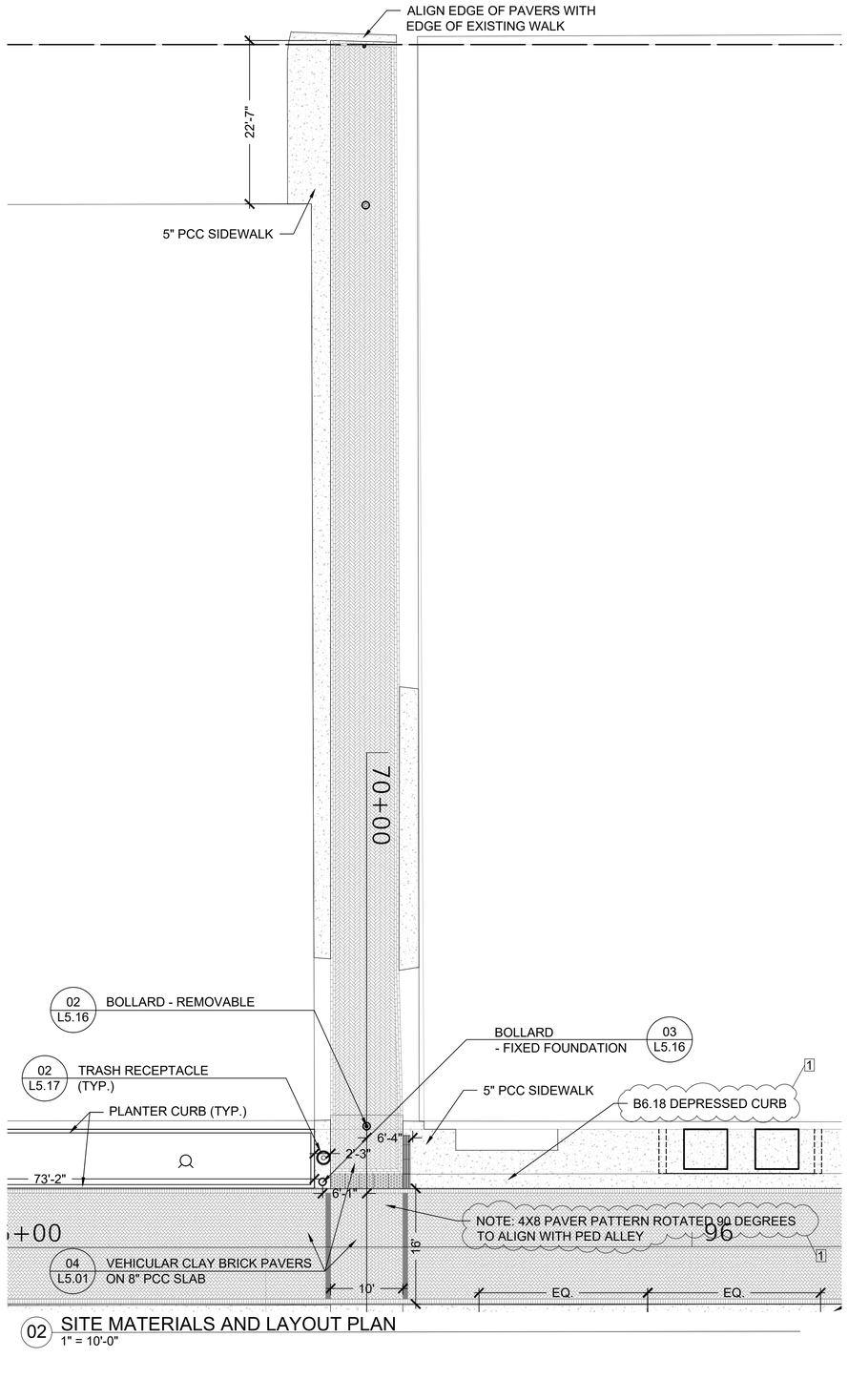
COUNTY	TOTAL SHEETS	SHEET NO.
	224	88

CONTRACT NO.

ILLINOIS FED. AID PROJECT



01 SITE MATERIALS AND LAYOUT PLAN
1" = 10'-0"



02 SITE MATERIALS AND LAYOUT PLAN
1" = 10'-0"

LEGEND

- TRASH RECEPTACLE
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- PEDESTRIAN LIGHT WITH BANNER
- METAL BENCH
- FREESTANDING POT
- BOLLARD
- BOLLARD - REMOVABLE
- PEDESTRIAN CLAY BRICK PAVERS 4X12 RED BLEND
- PEDESTRIAN CLAY BRICK PAVERS 4X12 GREY BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 RED BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 GREY BLEND
- PCC SIDEWALK
- LIMITS OF SOIL CELLS

0 8' 16' 32'

L2.02

CIVILTECH

DESIGNED -	MA/PJH/JDM	REVISED 1 - ADD. 1 - 05/30/2024	
DRAWN -	JDM/MA	REVISED -	
CHECKED -	PJH	REVISED -	
DATE -	04/26/2024	REVISED -	

CITY OF JOLIET

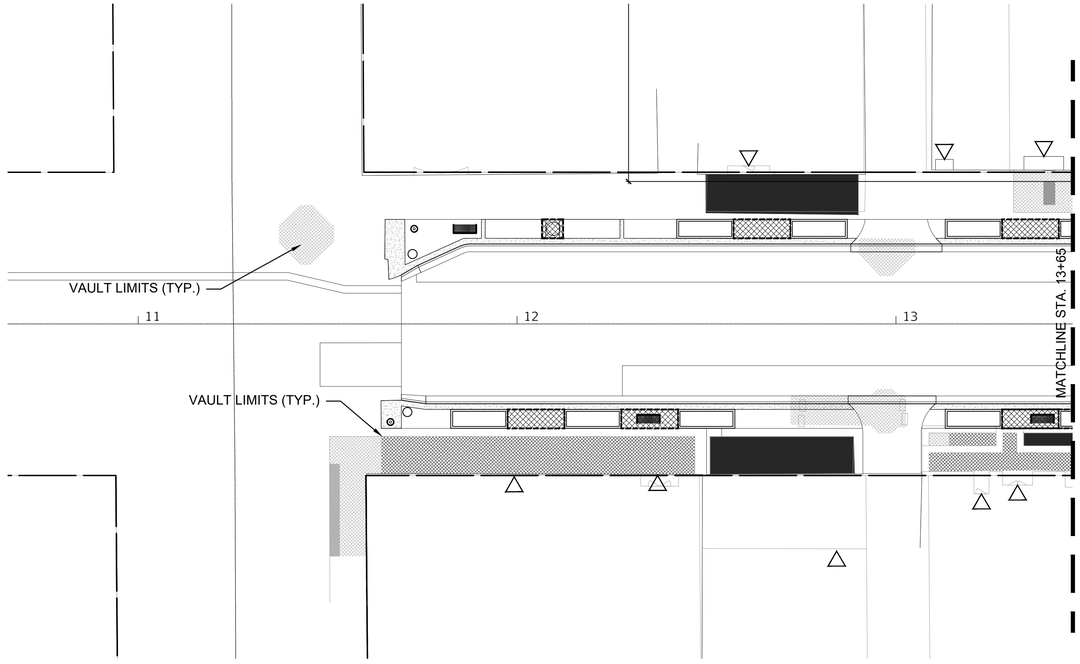
LANDSCAPE PLAN
HARDSCAPE LAYOUT - ENLARGEMENT B

SCALE: | SHEET OF SHEETS | STA. 1" = 20'-0" | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
	224	89

CONTRACT NO.

ILLINOIS | FED. AID PROJECT



1 NOTE: NO IRRIGATION SYSTEM ALONG CHICAGO ST

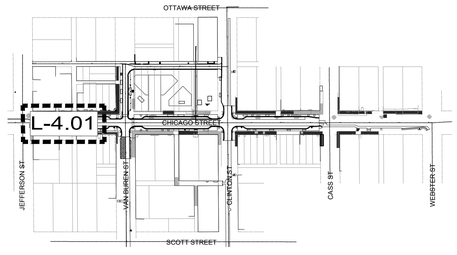
LEGEND

- TRASH RECEPTACLE
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- PEDESTRIAN LIGHT WITH BANNER
- METAL BENCH
- FREESTANDING POT
- BOLLARD
- BOLLARD - REMOVABLE
- PEDESTRIAN CLAY BRICK PAVERS 4X12 RED BLEND
- PEDESTRIAN CLAY BRICK PAVERS 4X12 GREY BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 RED BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 GREY BLEND
- PCC SIDEWALK
- LIMITS OF SOIL CELLS

0 10' 20' 40'

L4.01

KEY PLAN:



CIVILTECH

DESIGNED -	MA/PJH/JDM	REVISED 1 - ADD. 1 - 05/30/2024	
DRAWN -	JDM/MA	REVISED -	
CHECKED -	PJH	REVISED -	
DATE -	04/26/2024	REVISED -	

CITY OF JOLIET

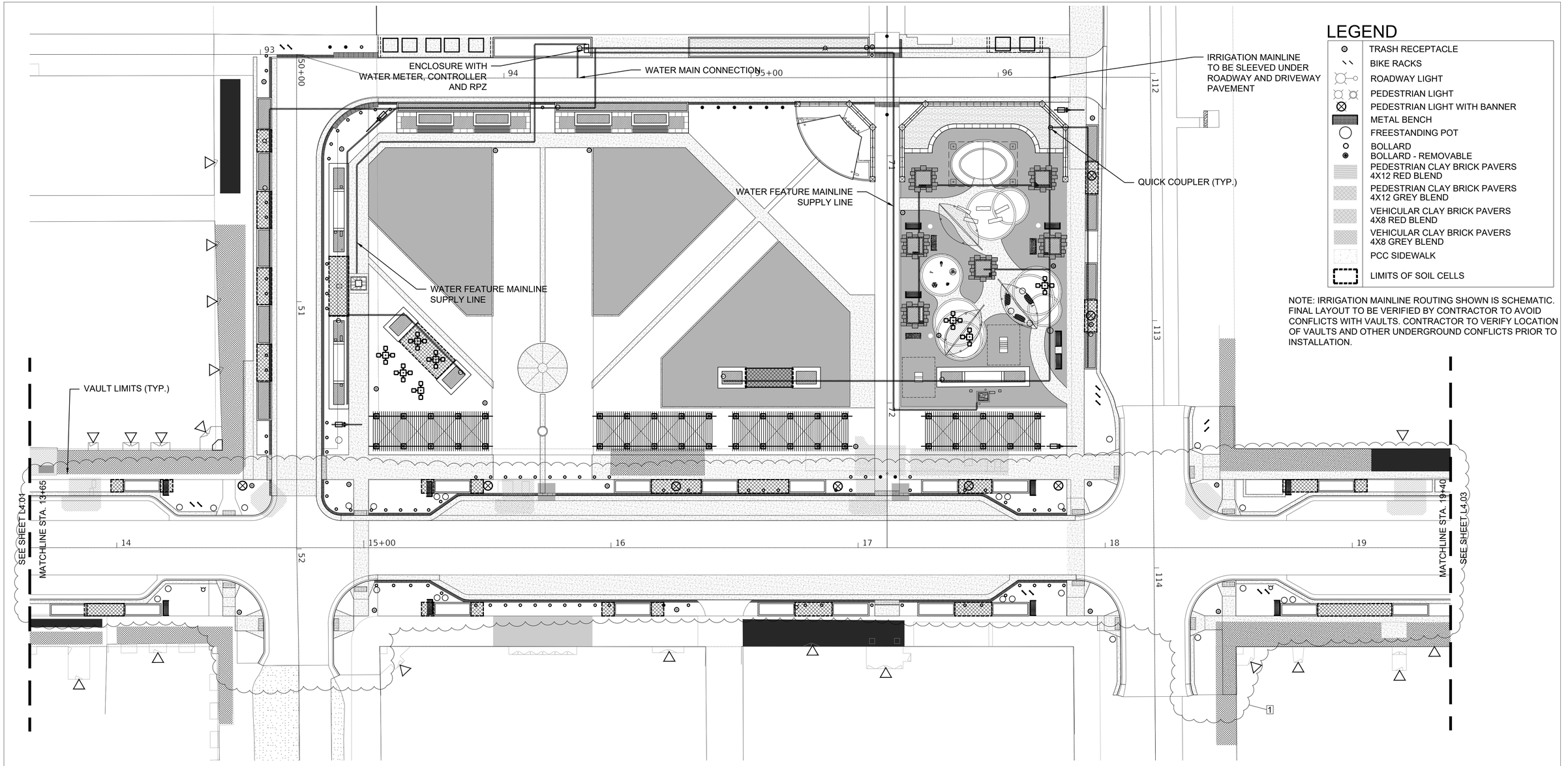
LANDSCAPE PLAN
IRRIGATION LAYOUT

SCALE: | SHEET OF SHEETS | STA. 1" = 20'-0" | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
	224	96

CONTRACT NO.

ILLINOIS | FED. AID PROJECT

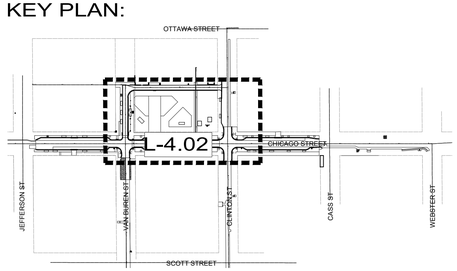


LEGEND

- TRASH RECEPTACLE
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- PEDESTRIAN LIGHT WITH BANNER
- METAL BENCH
- FREESTANDING POT
- BOLLARD
- BOLLARD - REMOVABLE
- PEDESTRIAN CLAY BRICK PAVERS 4X12 RED BLEND
- PEDESTRIAN CLAY BRICK PAVERS 4X12 GREY BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 RED BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 GREY BLEND
- PCC SIDEWALK
- LIMITS OF SOIL CELLS

NOTE: IRRIGATION MAINLINE ROUTING SHOWN IS SCHEMATIC. FINAL LAYOUT TO BE VERIFIED BY CONTRACTOR TO AVOID CONFLICTS WITH VAULTS. CONTRACTOR TO VERIFY LOCATION OF VAULTS AND OTHER UNDERGROUND CONFLICTS PRIOR TO INSTALLATION.

KEY PLAN:



0 10' 20' 40'

L4.02

CIVILTECH

DESIGNED -	MA/PJH/JDM	REVISED 1 - ADD. 1 - 05/30/2024	
DRAWN -	JDM/MA	REVISED -	
CHECKED -	PJH	REVISED -	
DATE -	04/26/2024	REVISED -	

CITY OF JOLIET

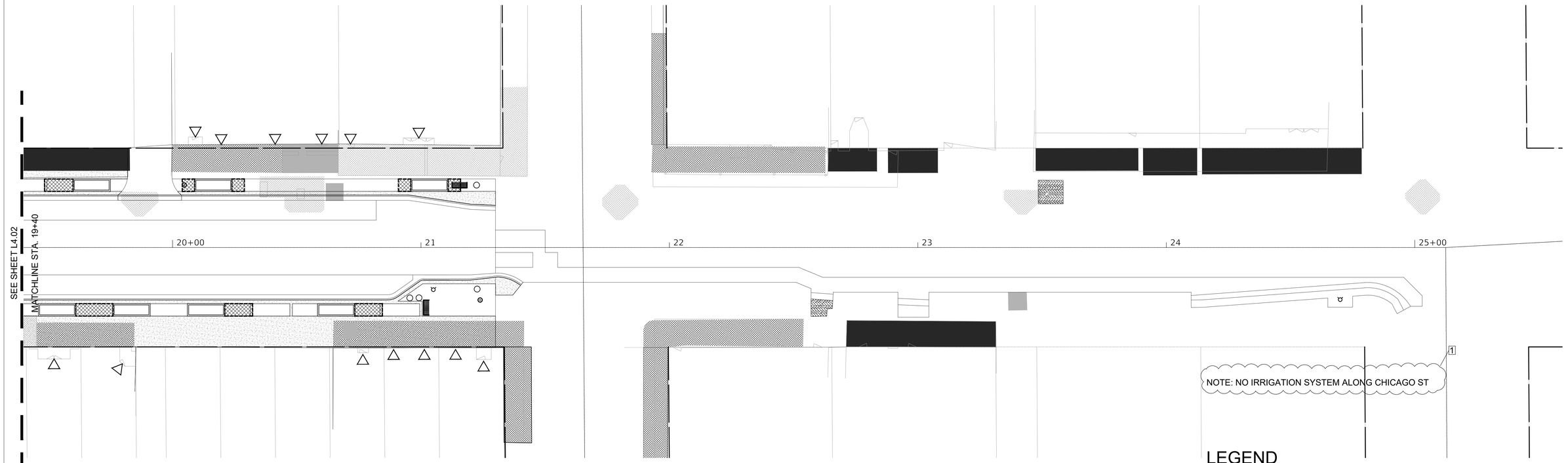
LANDSCAPE PLAN
IRRIGATION LAYOUT

SCALE: | SHEET OF SHEETS | STA. 1" = 20'-0" | TO STA.

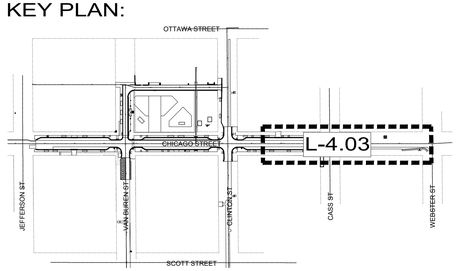
COUNTY	TOTAL SHEETS	SHEET NO.
	224	97

CONTRACT NO.

ILLINOIS | FED. AID PROJECT



KEY PLAN:



LEGEND

- TRASH RECEPTACLE
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- PEDESTRIAN LIGHT WITH BANNER
- METAL BENCH
- FREESTANDING POT
- BOLLARD
- BOLLARD - REMOVABLE
- PEDESTRIAN CLAY BRICK PAVERS 4X12 RED BLEND
- PEDESTRIAN CLAY BRICK PAVERS 4X12 GREY BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 RED BLEND
- VEHICULAR CLAY BRICK PAVERS 4X8 GREY BLEND
- PCC SIDEWALK
- LIMITS OF SOIL CELLS

0 10' 20' 40'

L4.03

CIVILTECH

DESIGNED -	MA/PJH/JDM	REVISED 1 - ADD. 1 - 05/30/2024	
DRAWN -	JDM/MA	REVISED -	
CHECKED -	PJH	REVISED -	
DATE -	04/26/2024	REVISED -	

CITY OF JOLIET

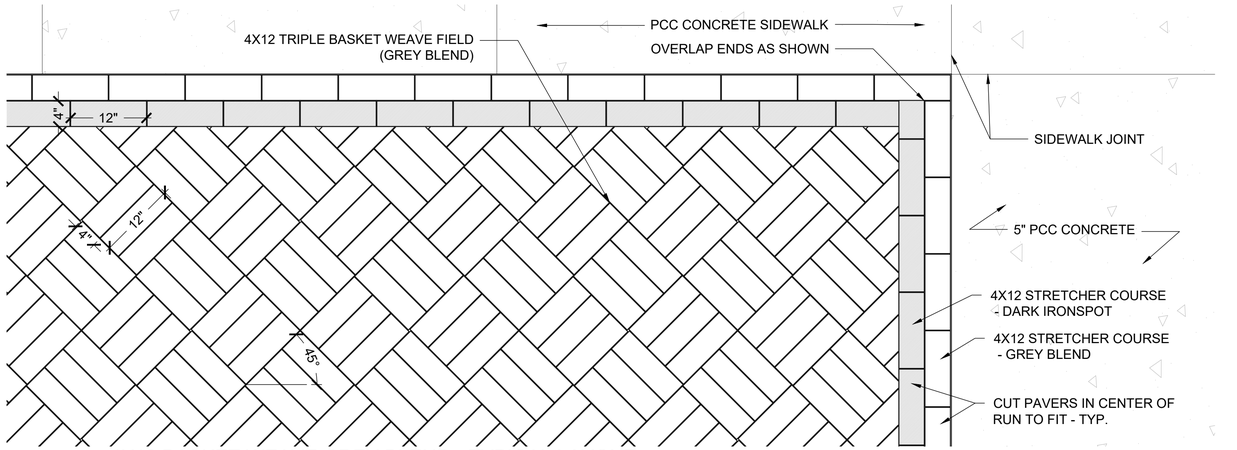
LANDSCAPE PLAN
IRRIGATION LAYOUT

SCALE: | SHEET OF SHEETS | STA. 1" = 20'-0" | TO STA.

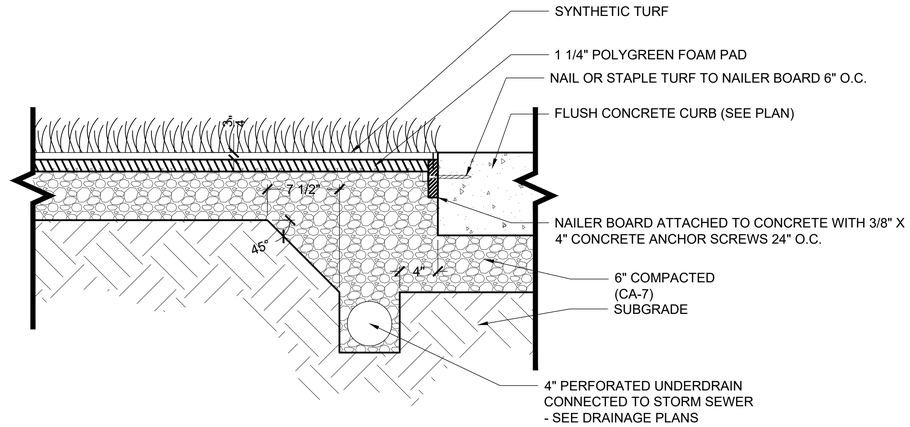
COUNTY	TOTAL SHEETS	SHEET NO.
	224	98

CONTRACT NO.

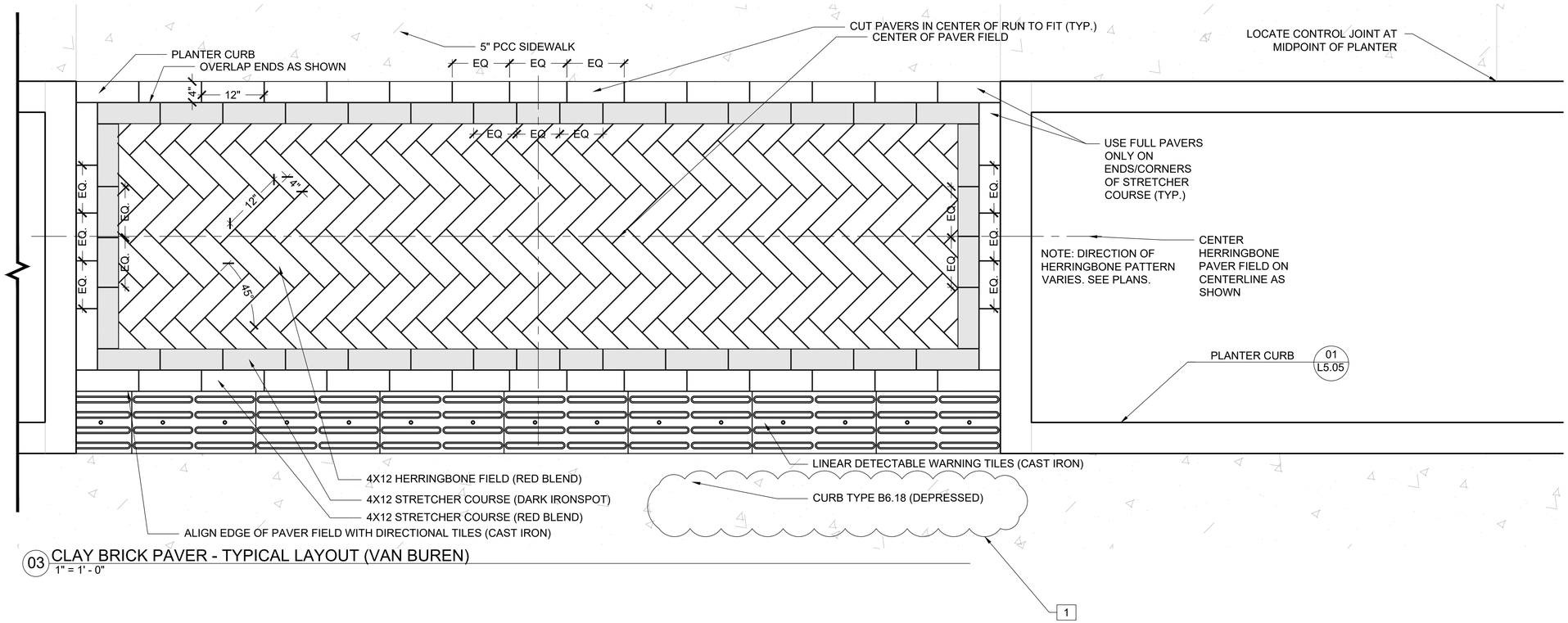
ILLINOIS | FED. AID PROJECT



01 4X12 BASKET WEAVE GREY BLEND - TYPICAL LAYOUT
1" = 1' - 0"



02 ARTIFICIAL TURF - TYPICAL SECTION
1-1/2" = 1' - 0"



03 CLAY BRICK PAVER - TYPICAL LAYOUT (VAN BUREN)
1" = 1' - 0"

L5.03

CIVILTECH	DESIGNED - PJH, JDM, MA	REVISED - 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET
	DRAWN - JDM, MA	REVISED -	
	CHECKED - PJH	REVISED -	
	DATE - 4/26/2024	REVISED -	

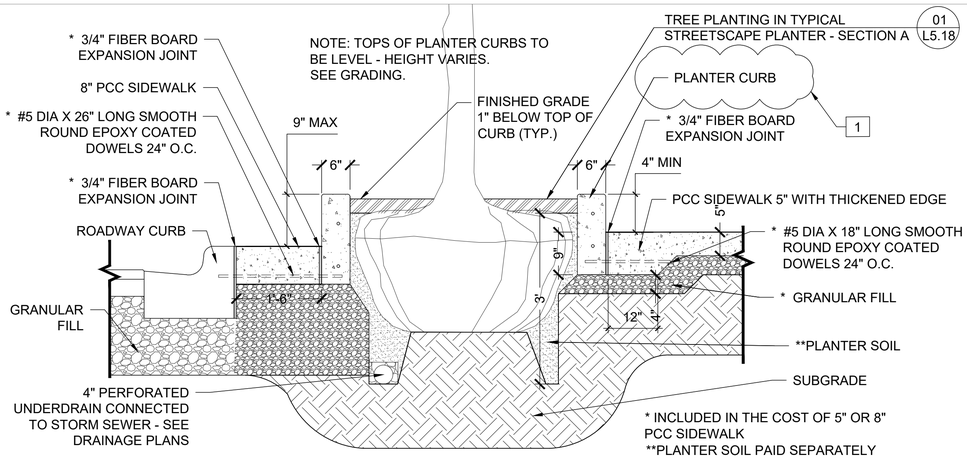
PAVER AND SURFACE DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

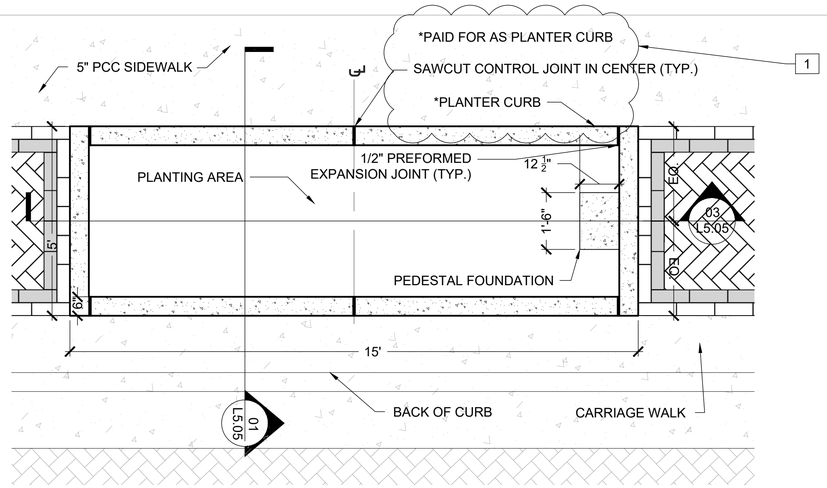
COUNTY	TOTAL SHEETS	SHEET NO.
	224	101

CONTRACT NO.

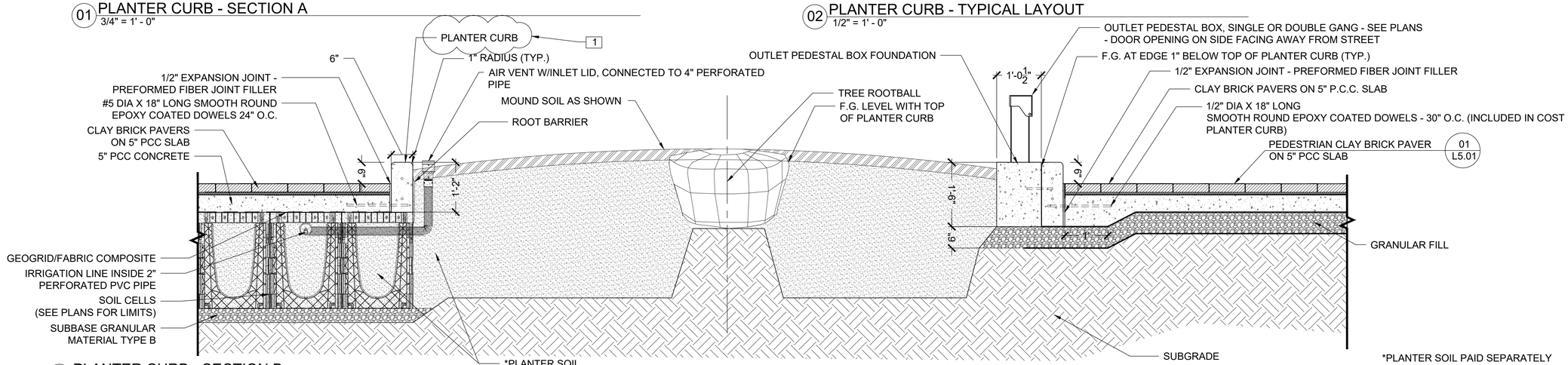
ILLINOIS | FED. AID PROJECT



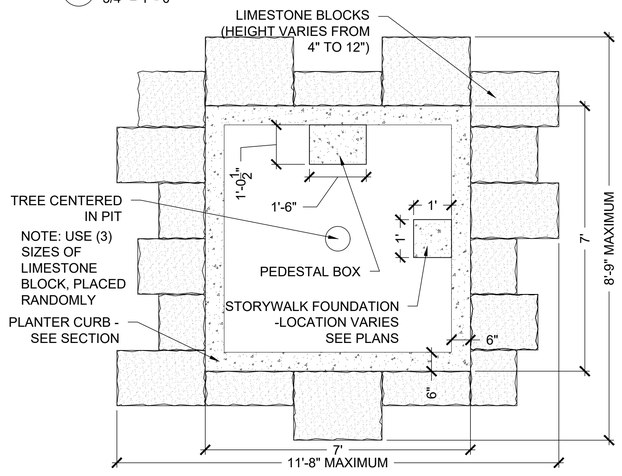
01 PLANTER CURB - SECTION A
3/4" = 1' - 0"



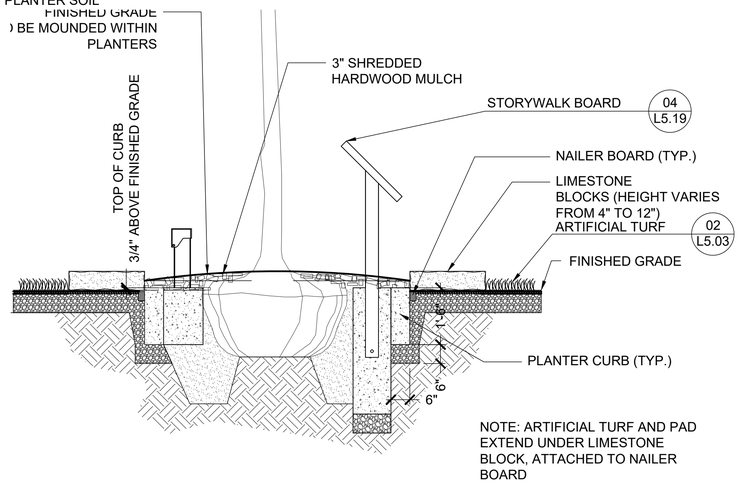
02 PLANTER CURB - TYPICAL LAYOUT
1/2" = 1' - 0"



03 PLANTER CURB - SECTION B
3/4" = 1' - 0"



04 LIMESTONE STEPPER PLANTER - TYPICAL LAYOUT
1/2" = 1' - 0"



05 LIMESTONE STEPPER PLANTER - SECTION
1/2" = 1' - 0"

L5.05

CIVILTECH

DESIGNED	PJH, JDM, MA	REVISED	1 - ADD. 1 - 5/30/2024
DRAWN	JDM, MA	REVISED	-
CHECKED	PJH	REVISED	-
DATE	4/26/2024	REVISED	-

CITY OF JOLIET

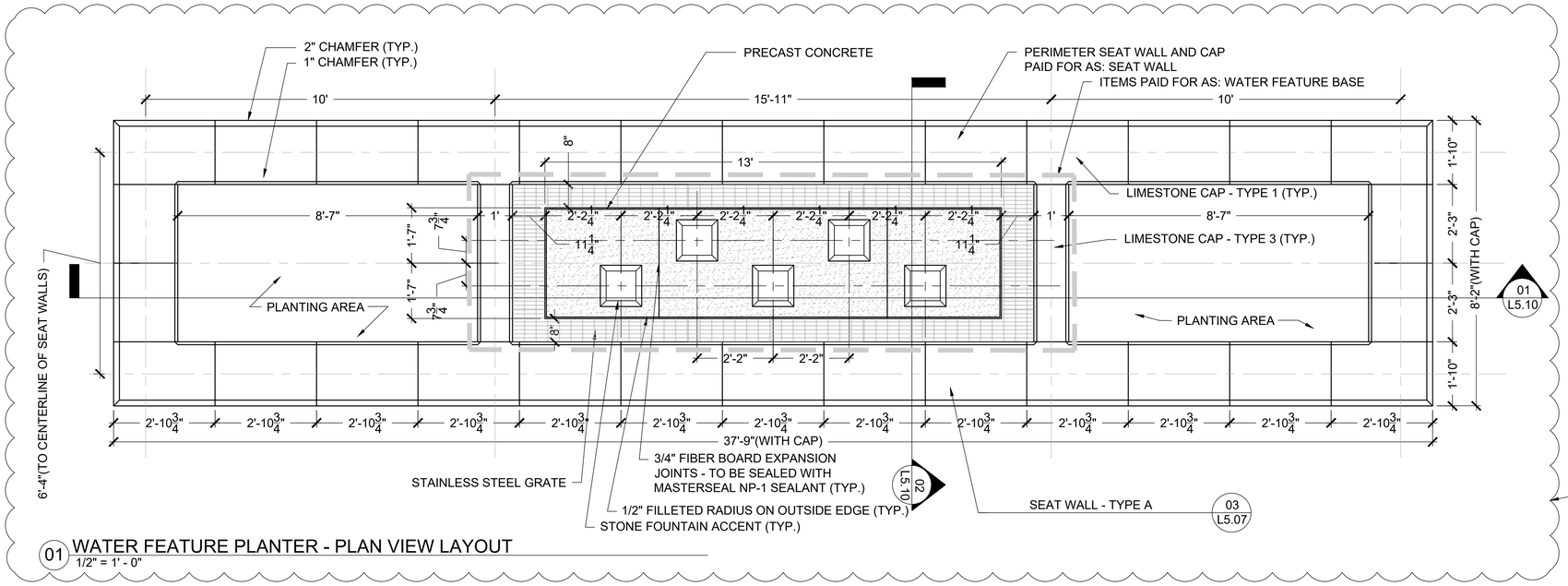
PLANTER HARDSCAPE DETAILS

SCALE: | SHEET OF SHEETS | STA. TO STA.

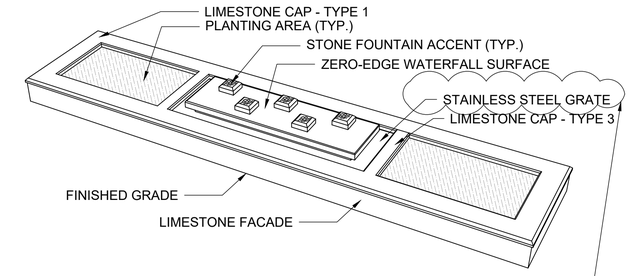
COUNTY	TOTAL SHEETS	SHEET NO.
	224	103

CONTRACT NO.

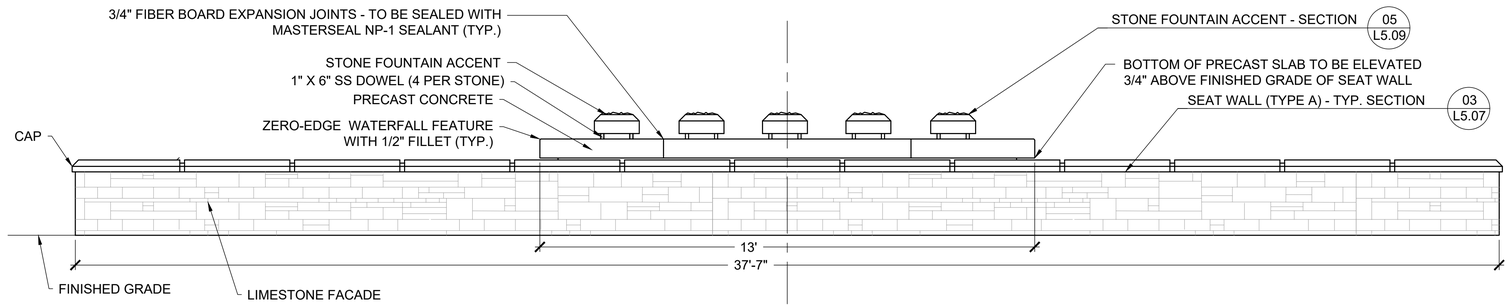
ILLINOIS | FED. AID PROJECT

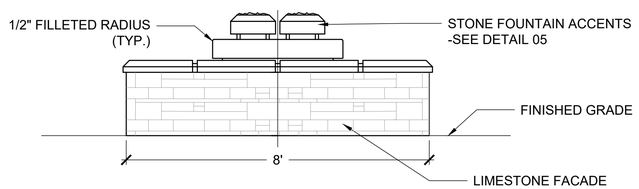


01 WATER FEATURE PLANTER - PLAN VIEW LAYOUT
1/2" = 1' - 0"

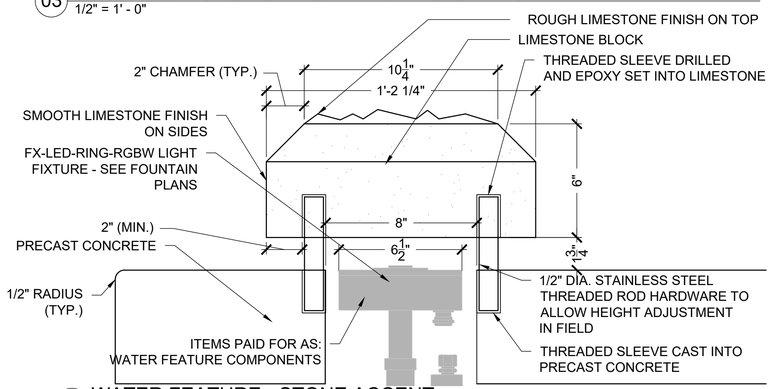


02 WATER FEATURE PLANTER - PERSPECTIVE
NTS

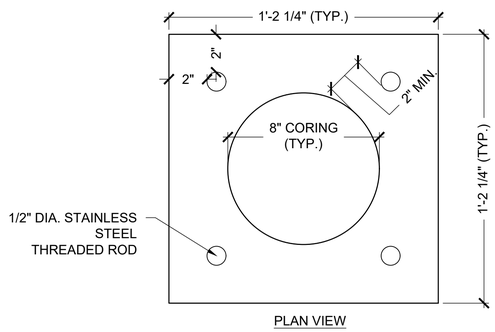




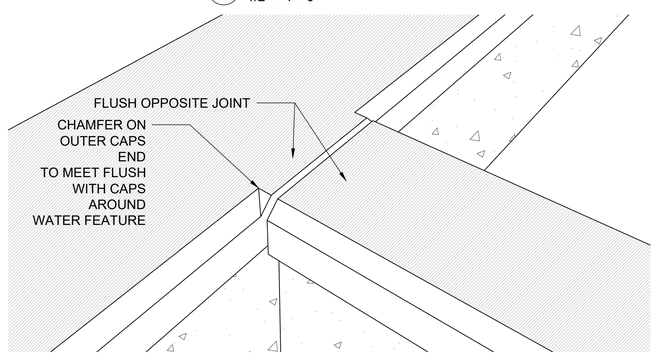
03 WATER FEATURE PLANTER - FRONT ELEVATION
1/2" = 1' - 0"



05 WATER FEATURE - STONE ACCENT
3" = 1' - 0"



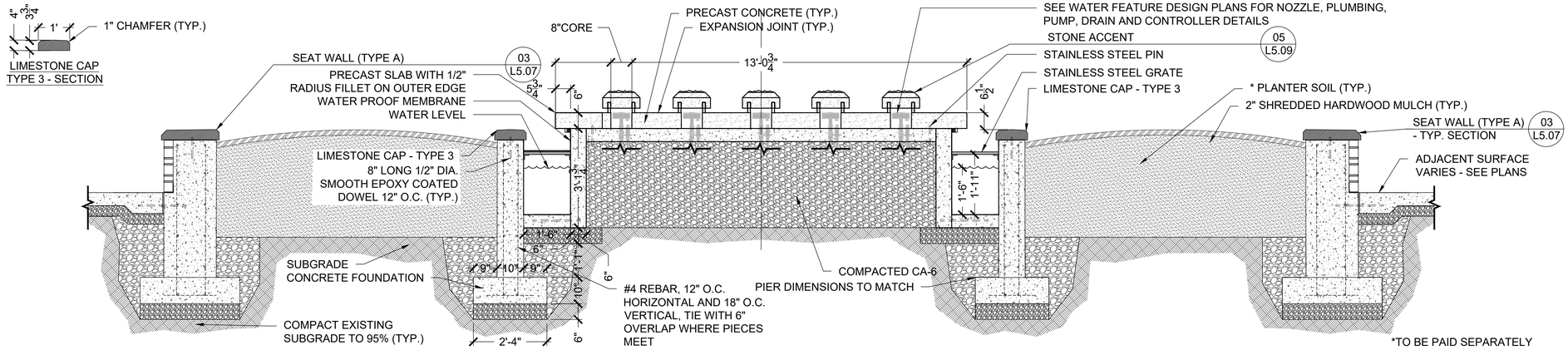
04 WATER FEATURE PLANTER - SIDE ELEVATION
1/2" = 1' - 0"



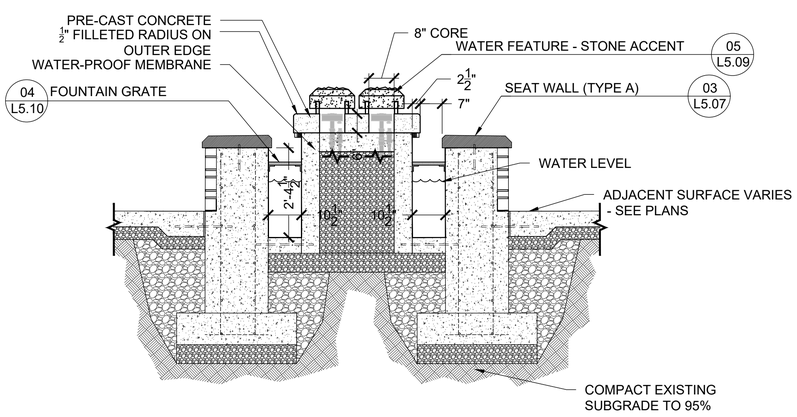
06 WATER FEATURE PLANTER - SEAT WALL CAP CONNECTION
NTS

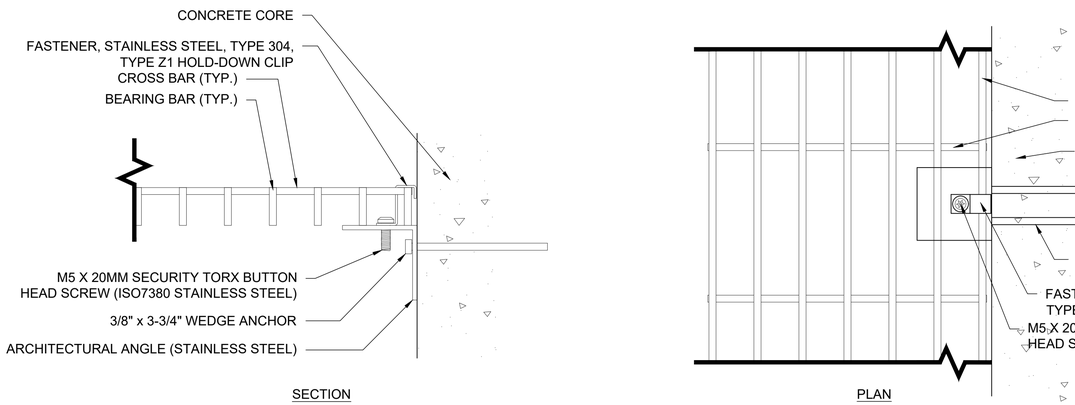
L5.09

CIVILTECH	DESIGNED - PJH, JDM, MA	REVISED - 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET
	DRAWN - JDM, MA	REVISED -	SEAT WALL WATER FEATURE PLANTER
	CHECKED - PJH	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.
	DATE - 4/26/2024	REVISED -	COUNTY / TOTAL SHEETS 224 / SHEET NO. 107 / CONTRACT NO. / ILLINOIS FED. AID PROJECT



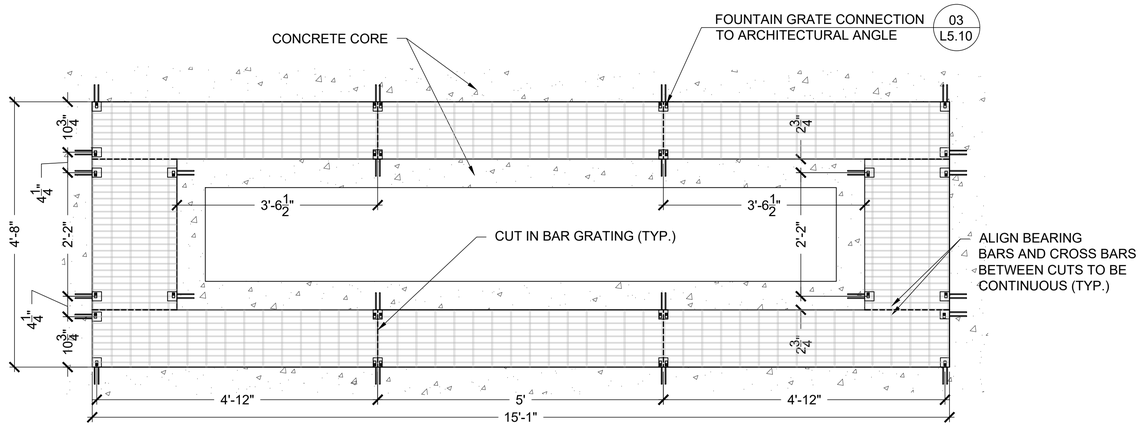
01 WATER FEATURE PLANTER - SECTION A
1/2" = 1' - 0"





02 WATER FEATURE PLANTER - SECTION B
1/2" = 1' - 0"

03 FOUNTAIN GRATE CONNECTION TO ARCHITECTURAL ANGLE
6" = 1' - 0"

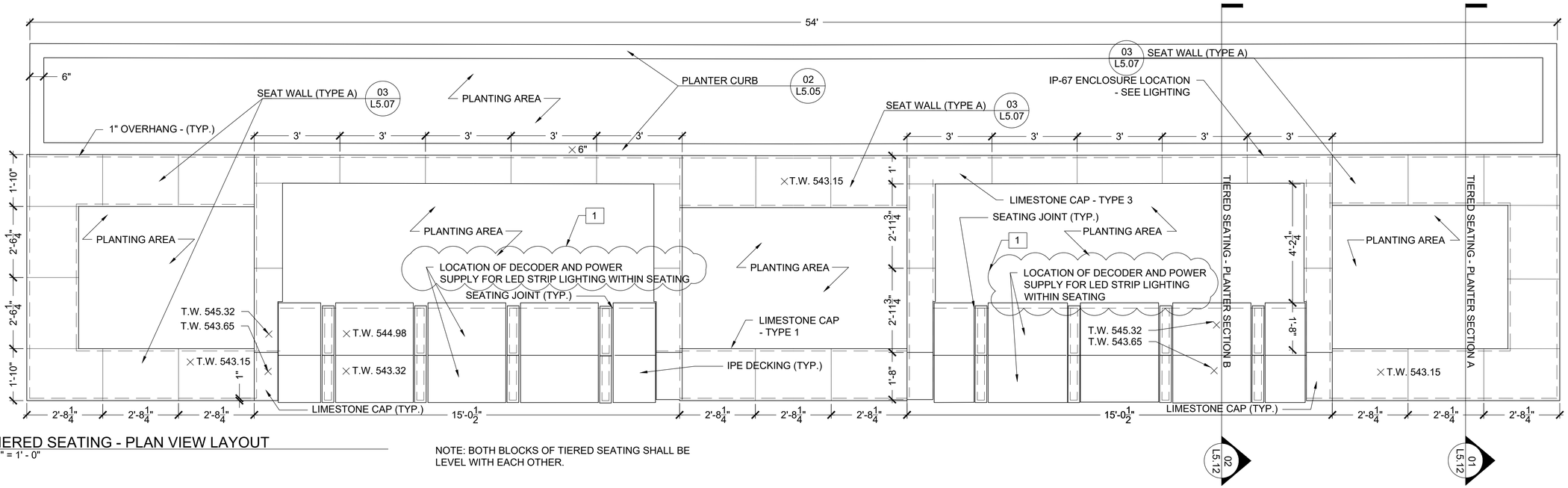


04 FOUNTAIN GRATE LAYOUT
3/4" = 1' - 0"

1

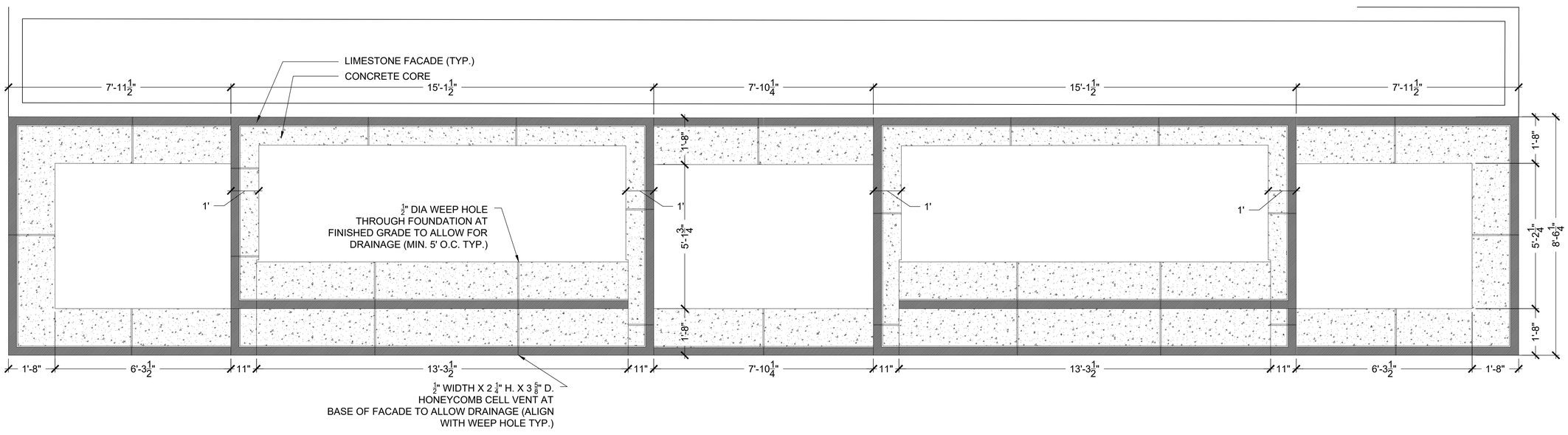
L5.10

CIVILTECH		DESIGNED - PJH, JDM, MA	REVISED - 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET	FOUNTAIN DETAILS		COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - JDM, MA	REVISED -					224 / 108
		CHECKED - PJH	REVISED -				CONTRACT NO.	
		DATE - 4/26/2024	REVISED -		SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS	FED. AID PROJECT



01 TIERED SEATING - PLAN VIEW LAYOUT
1/2" = 1' - 0"

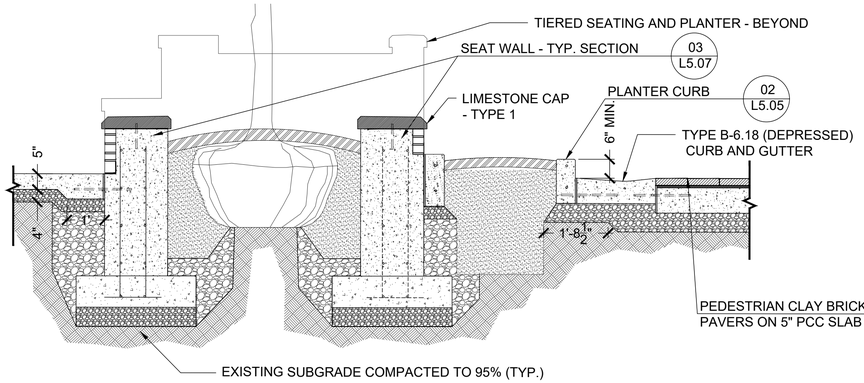
NOTE: BOTH BLOCKS OF TIERED SEATING SHALL BE LEVEL WITH EACH OTHER.



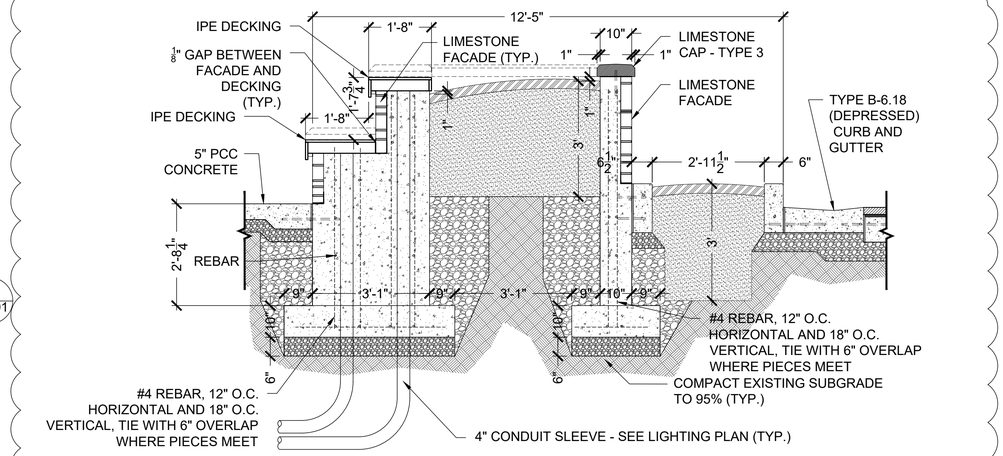
02 TIERED SEATING - CORE LAYOUT
1/2" = 1' - 0"

L5.11

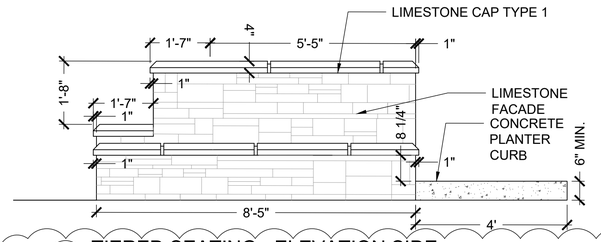
CIVILTECH	DESIGNED - PJH, JDM, MA	REVISED - 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET
	DRAWN - JDM, MA	REVISED -	PLANTER HARDSCAPE DETAILS
	CHECKED - PJH	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.
	DATE - 4/26/2024	REVISED -	COUNTY / TOTAL SHEETS 224 / SHEET NO. 109 / CONTRACT NO. / ILLINOIS FED. AID PROJECT



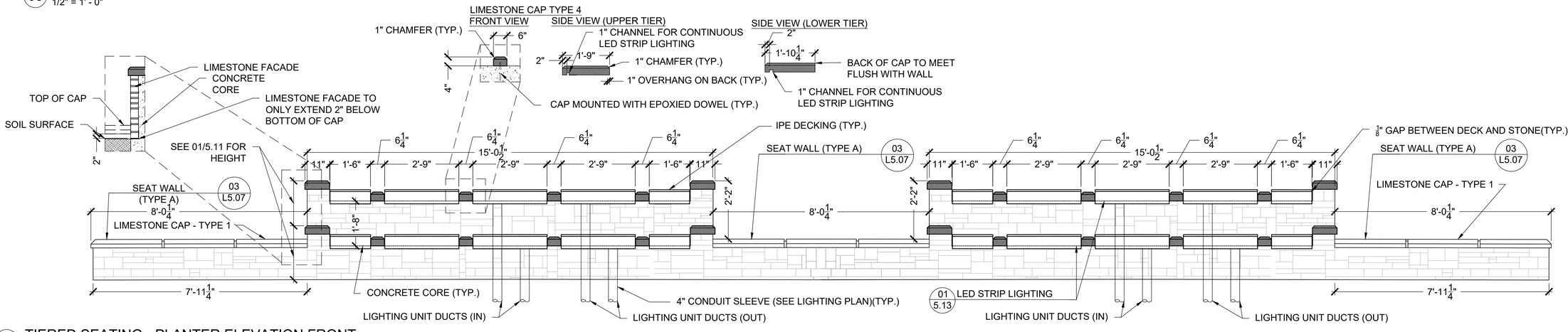
01 TIERED SEATING - PLANTER SECTION A
1/2" = 1' - 0"



02 TIERED SEATING - PLANTER SECTION B
1/2" = 1' - 0"



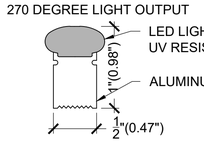
03 TIERED SEATING - ELEVATION SIDE
1/2" = 1' - 0"



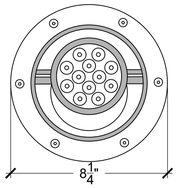
04 TIERED SEATING - PLANTER ELEVATION FRONT
1/2" = 1' - 0"

L5.12

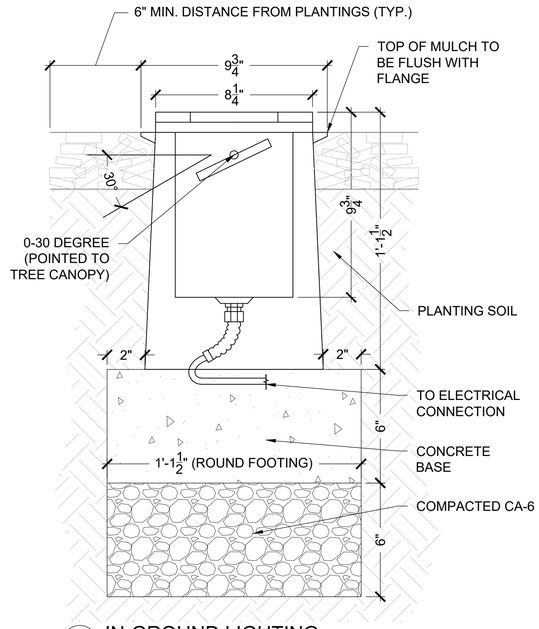
CIVILTECH	DESIGNED - PJH, JDM, MA	REVISED - 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET
	DRAWN - JDM, MA	REVISED -	PLANTER HARDSCAPE DETAILS
	CHECKED - PJH	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.
	DATE - 4/26/2024	REVISED -	COUNTY / TOTAL SHEETS 224 / SHEET NO. 110
			CONTRACT NO.
			ILLINOIS FED. AID PROJECT



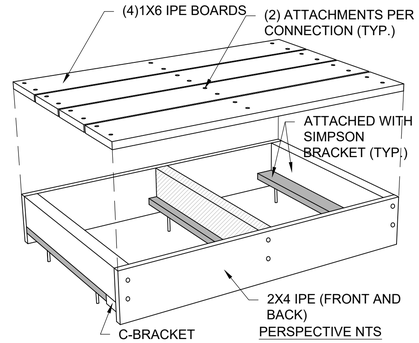
01 LED STRIP LIGHTING
1" = 1'-0"



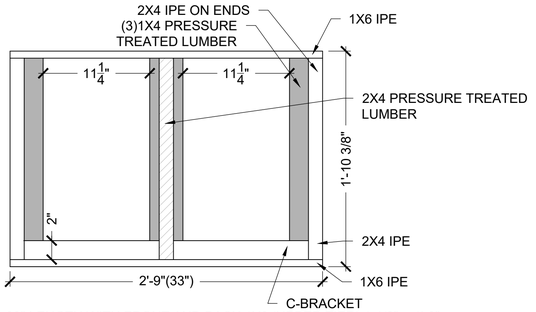
PLAN



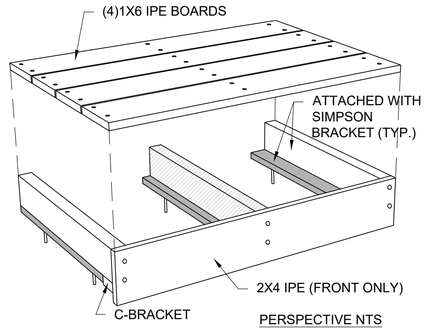
02 IN-GROUND LIGHTING
3" = 1'-0"



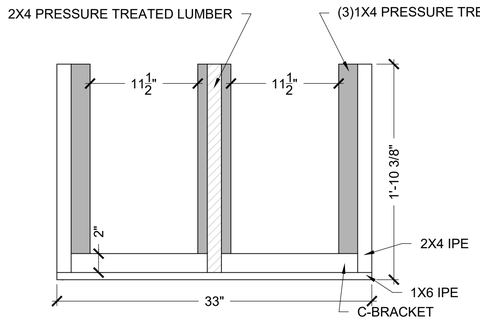
PERSPECTIVE NTS



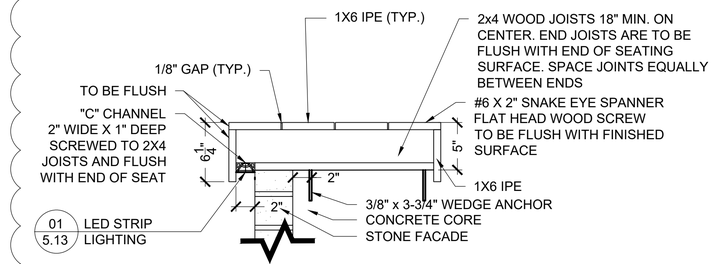
PLAN: 33" LENGTH WITH FRONT AND BACK 1X6 (UPPER TIER) 1-1/2" = 1'-0"



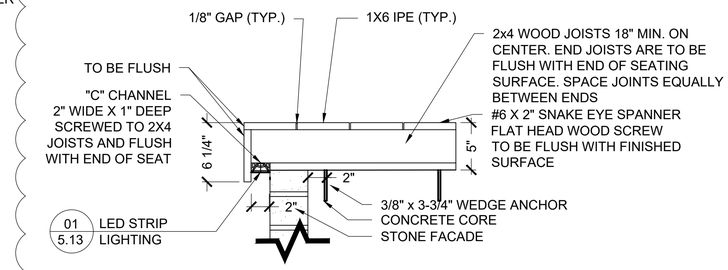
PERSPECTIVE NTS



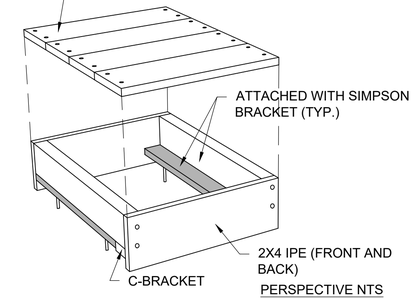
PLAN: 33" LENGTH WITH FRONT 1X6 (LOWER TIER) 1-1/2" = 1'-0"



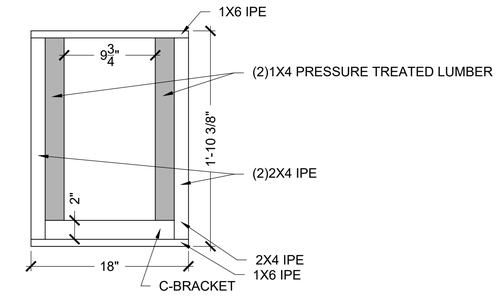
06 TIERED SEAT DECKING ELEVATION (UPPER TIER)
SCALE AS INDICATED



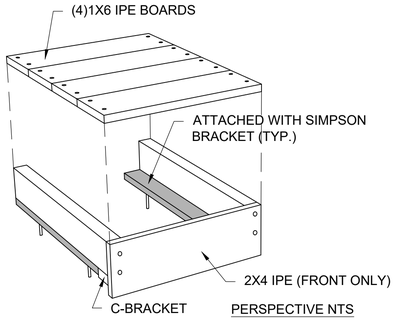
07 TIERED SEAT DECKING ELEVATION (LOWER TIER)
SCALE AS INDICATED



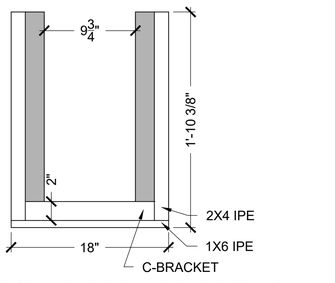
PERSPECTIVE NTS



PLAN: 18" LENGTH WITH FRONT AND BACK 1X6 (UPPER TIER) 1-1/2" = 1'-0"



PERSPECTIVE NTS

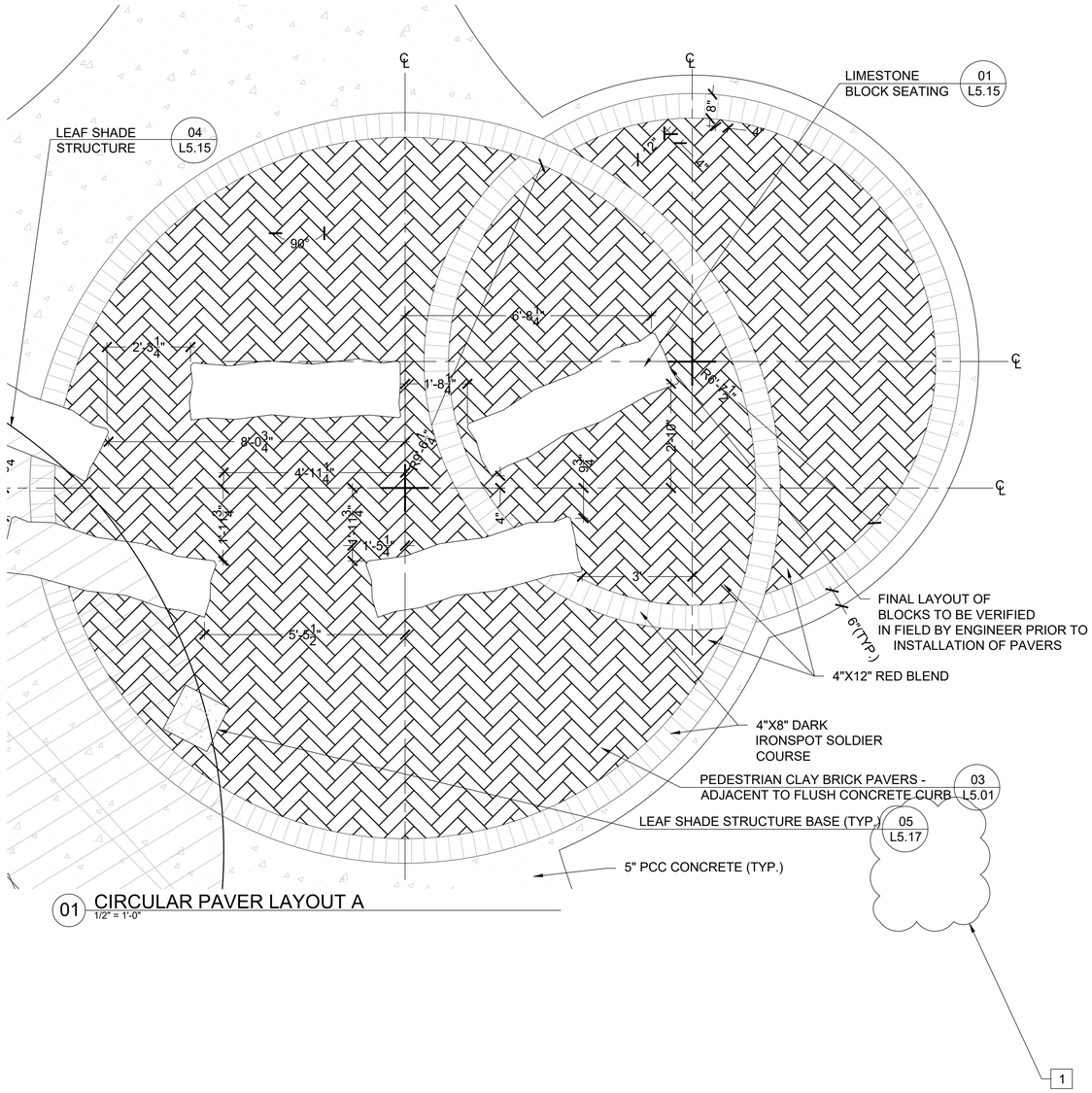


PLAN: 18" LENGTH WITH FRONT 1X6 (LOWER TIER) 1-1/2" = 1'-0"

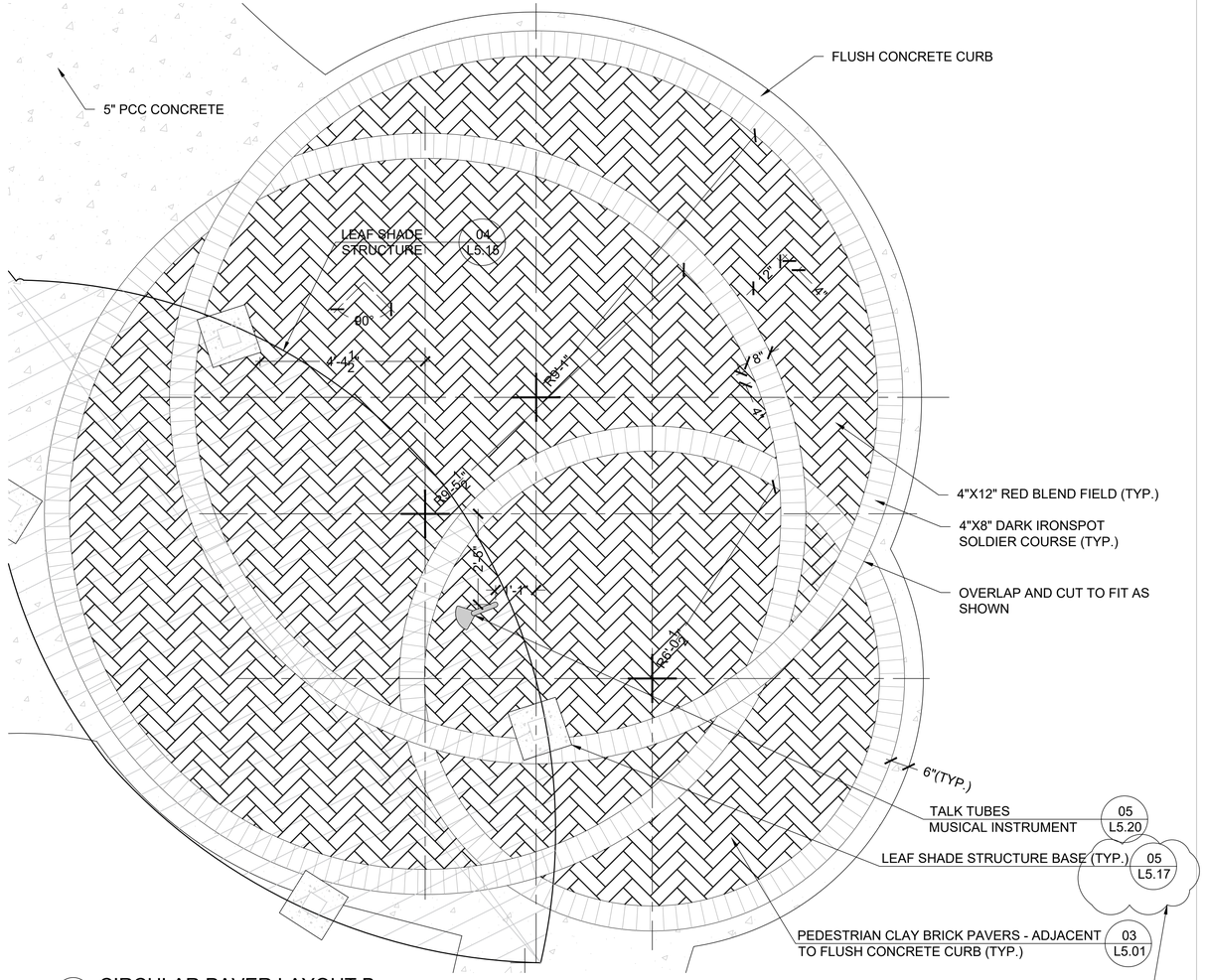
03 TIERED SEAT DECKING
SCALE AS INDICATED

L5.13

CIVILTECH		DESIGNED - PJH, JDM, MA	REVISED - 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET	LANDSCAPE LIGHTING	COUNTY	TOTAL SHEETS 224 / SHEET NO. 111
		DRAWN - JDM, MA	REVISED -				
		CHECKED - PJH	REVISED -				CONTRACT NO.
		DATE - 4/26/2024	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS	FED. AID PROJECT



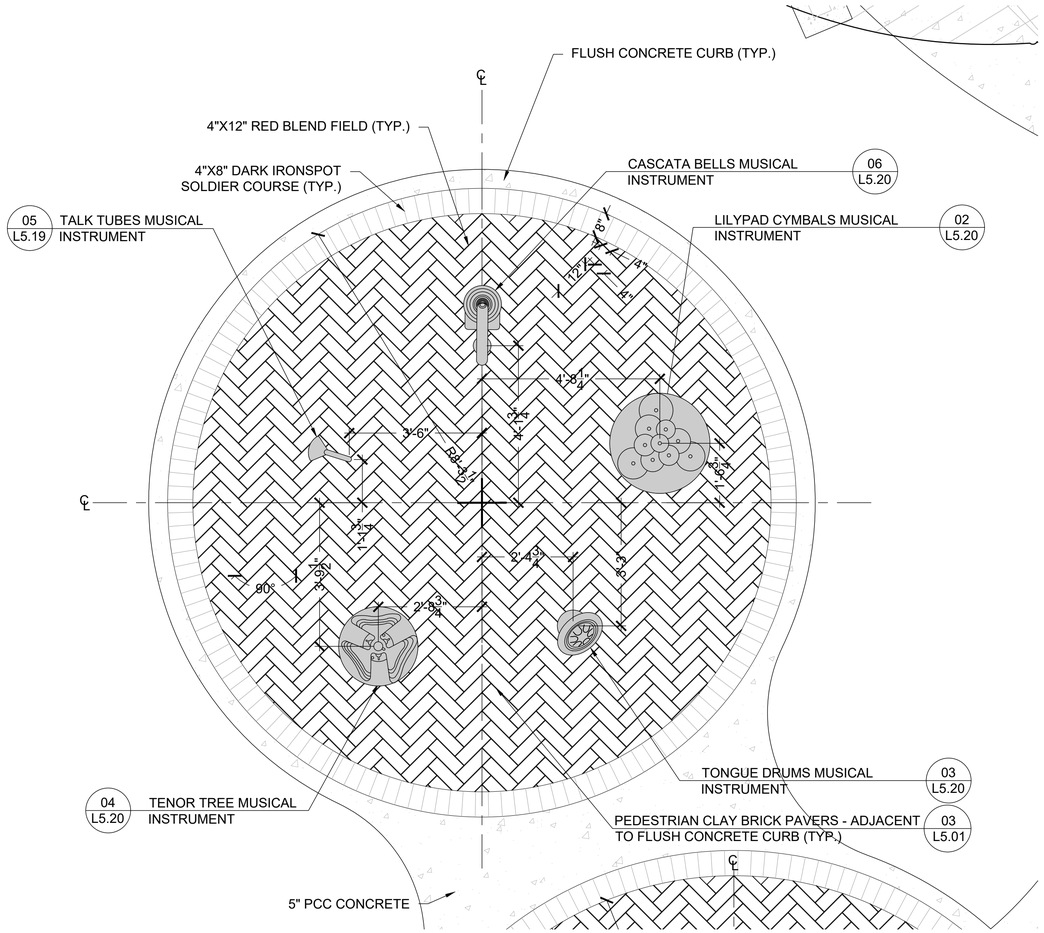
01 CIRCULAR PAVER LAYOUT A
1/2" = 1'-0"



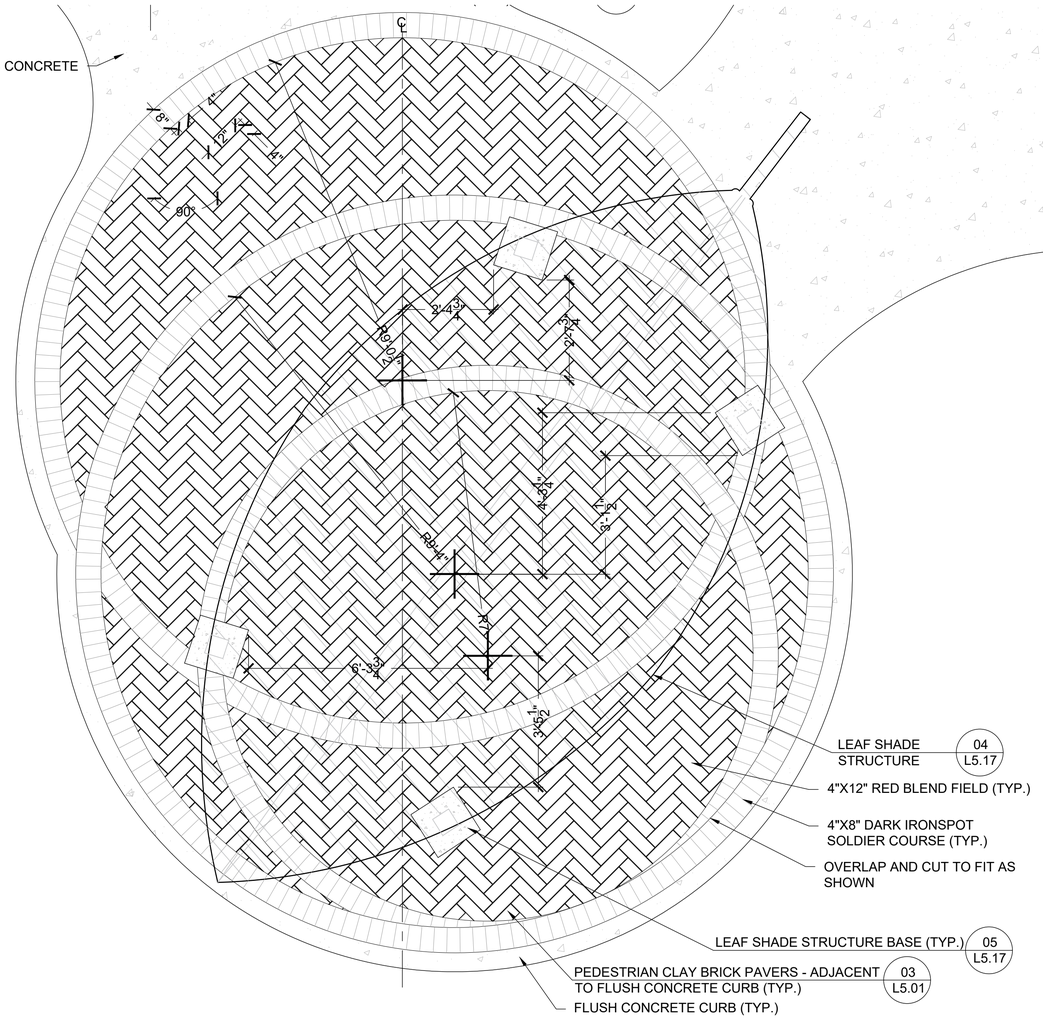
02 CIRCULAR PAVER LAYOUT B
1/2" = 1'-0"

L5.21

CIVILTECH	DESIGNED - PJH, JDM, MA	REVISED - 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET
	DRAWN - JDM, MA	REVISED -	PLAY ELEMENTS
	CHECKED - PJH	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.
	DATE - 4/26/2024	REVISED -	COUNTY / TOTAL SHEETS 224 / SHEET NO. 119
			CONTRACT NO.
			ILLINOIS FED. AID PROJECT



01 CIRCULAR PAVER LAYOUT C
1/2" = 1'-0"



02 CIRCULAR PAVER LAYOUT D
1/2" = 1'-0"

1

L5.22

CIVILTECH		DESIGNED - PJH, JDM, MA	REVISED - 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET	PLAY ELEMENTS	COUNTY	TOTAL SHEETS 224 / SHEET NO. 120
		DRAWN - JDM, MA	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO.
		CHECKED - PJH	REVISED -				ILLINOIS FED. AID PROJECT
		DATE - 4/26/2024	REVISED -				

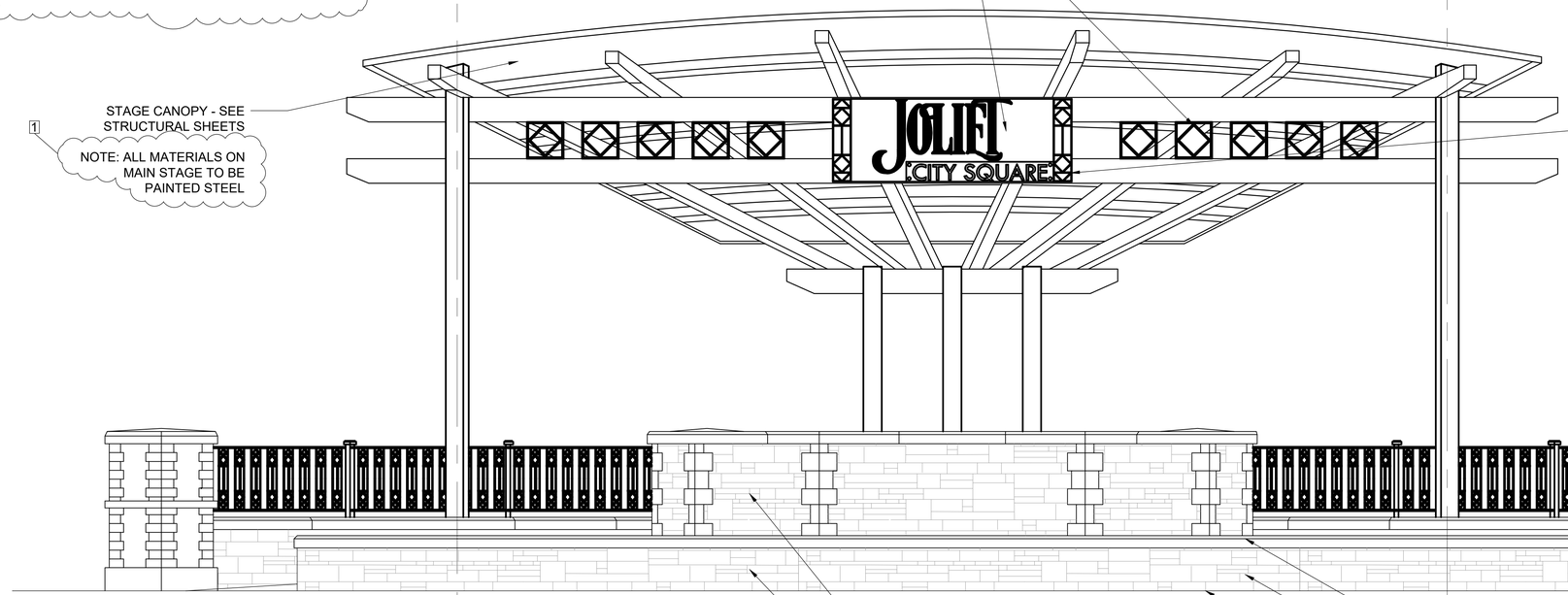
1 NOTE: THESE DRAWINGS ARE FOR BIDDING PURPOSES ONLY. NOT FOR CONSTRUCTION.

1 NOTE: ALL MATERIALS ON MAIN STAGE TO BE PAINTED STEEL

STAGE CANOPY - SEE STRUCTURAL SHEETS

01 L-6.07 DECORATIVE METAL PANELS

01 L-6.06 FRONT STAGE SIGN



FRONT STAGE SIGN DECORATIVE METAL PANELS 02 L-6.07

DECORATIVE FENCE 04 L-5.07

MASONRY PIER SECTION 08 L-5.07

ITEM PAID FOR AS DECORATIVE FENCE WALL

ITEM PAID FOR AS MAIN STAGE MASONRY WALL EDGE

3" DEPTH LIMESTONE CAP

LIMESTONE FACADE

FINISH GRADE - SEE GRADING PLANS

01 MAIN STAGE OVERALL FRONT ELEVATION
SCALE= 1/2" = 1'-0"

L-6.02

CIVILTECH

DESIGNED - PJH, JDM, MA	REVISED 1 - ADD. 1 - 05/30/2024	
DRAWN - JDM, MA	REVISED -	
CHECKED - PJH	REVISED -	
DATE - 4/26/2024	REVISED -	

CITY OF JOLIET

LANDSCAPE DETAILS
MAIN STAGE

SCALE: | SHEET OF SHEETS | STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
	224	122

CONTRACT NO.

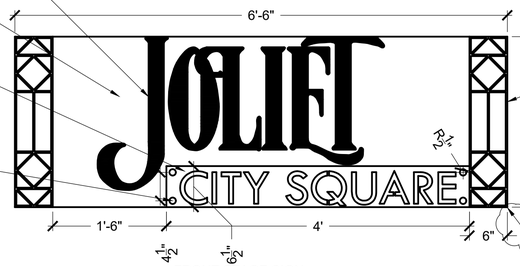
ILLINOIS | FED. AID PROJECT

1/4" LASER CUT STEEL LETTERS WITH 3" LENGTH THREADED LUGS. LETTERS TO BE BOLTED TO DRILLED SIGN BODY WITH NUTTED CONNECTION TO PROVIDE 2" PROJECTION

SIGN BODY TO BE 1/4" THICK STEEL PANEL PAINTED SILVER

LASER CUT 11GA STEEL PLATE (BLACK) TO BE BOLTED TO SIGN BODY (SILVER).

(4) 1/2" DIA X 1 1/4" LENGTH STAINLESS STEEL HEX BOLTS WITH NUTS AT EACH CORNER OF PANEL



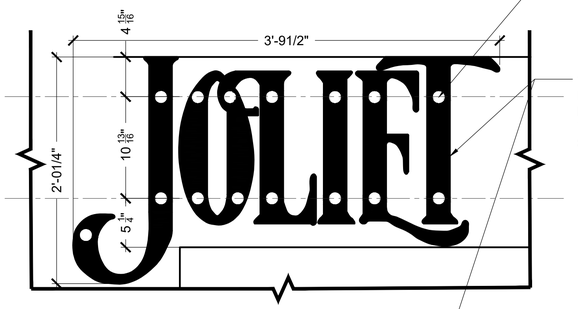
FRONT STAGE SIGN

FRONT STAGE SIGN 02 / DECORATIVE METAL PANELS L-6.07

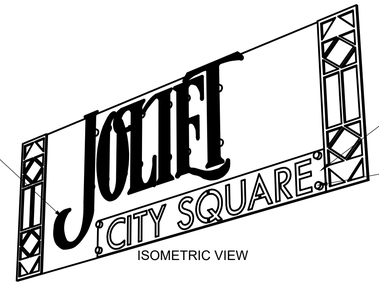
1 NOTE: SIGN PANEL TO HAVE BOLTED HARDWARE CONNECTION TO STRUCTURAL BEAMS

1/2" DIA HOLES IN SIGN BODY PANEL TO ACCEPT 1/2" DIA THREADED LUGS, WELDED TO LETTERS.

1/4" LASER CUT STEEL LETTERS - OWNER TO PROVIDE DIGITAL FILE OF TEXT/FONT FOR CONTRACTOR USE.



1/4" LASER CUT STEEL LETTERS WITH 3" LENGTH 1/2" DIA THREADED LUGS. LETTERS TO BE BOLTED TO DRILLED SIGN BODY WITH NUTTED CONNECTION TO PROVIDE 2" GAP BETWEEN LETTER AND SIGN BODY PANEL. LETTERS AND ATTACHMENT HARDWARE TO BE PAINTED BLACK.



ISOMETRIC VIEW

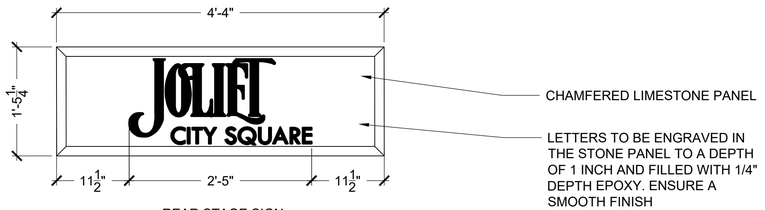
LASER CUT PLATE TO BE 11GA STEEL - BOLTED TO IDENTIFIER BODY. LASER CUT PLATE TO BE PAINTED BLACK

(4) 1/2" DIA X 1 1/4" LENGTH STAINLESS STEEL HEX BOLTS WITH NUTS AT EACH CORNER OF PANEL



TOP VIEW

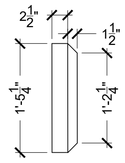
01 FRONT STAGE SIGN
SCALE= 1" = 1'-0"



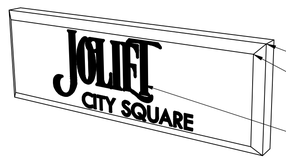
REAR STAGE SIGN

CHAMFERED LIMESTONE PANEL

LETTERS TO BE ENGRAVED IN THE STONE PANEL TO A DEPTH OF 1 INCH AND FILLED WITH 1/4" DEPTH EPOXY. ENSURE A SMOOTH FINISH



SIDE VIEW



ISOMETRIC VIEW

THE SIGN TO BE EMBEDDED IN THE LIMESTONE FACADE

CHAMFERED LIMESTONE PANEL

BLACK EPOXY

02 REAR STAGE SIGN
SCALE= 1" = 1'-0"

L-6.06

CIVILTECH

DESIGNED - PJH, JDM, MA	REVISED 1 - ADD. 1 - 05/30/2024	
DRAWN - JDM, MA	REVISED -	
CHECKED - PJH	REVISED -	
DATE - 4/26/2024	REVISED -	

CITY OF JOLIET

LANDSCAPE DETAILS
MAIN STAGE SIGNAGE

SCALE: | SHEET OF SHEETS | STA. TO STA.

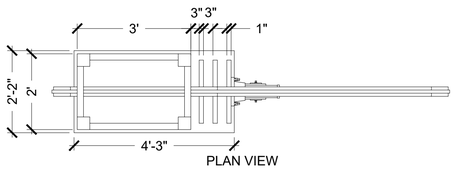
COUNTY	TOTAL SHEETS	SHEET NO.
	224	126

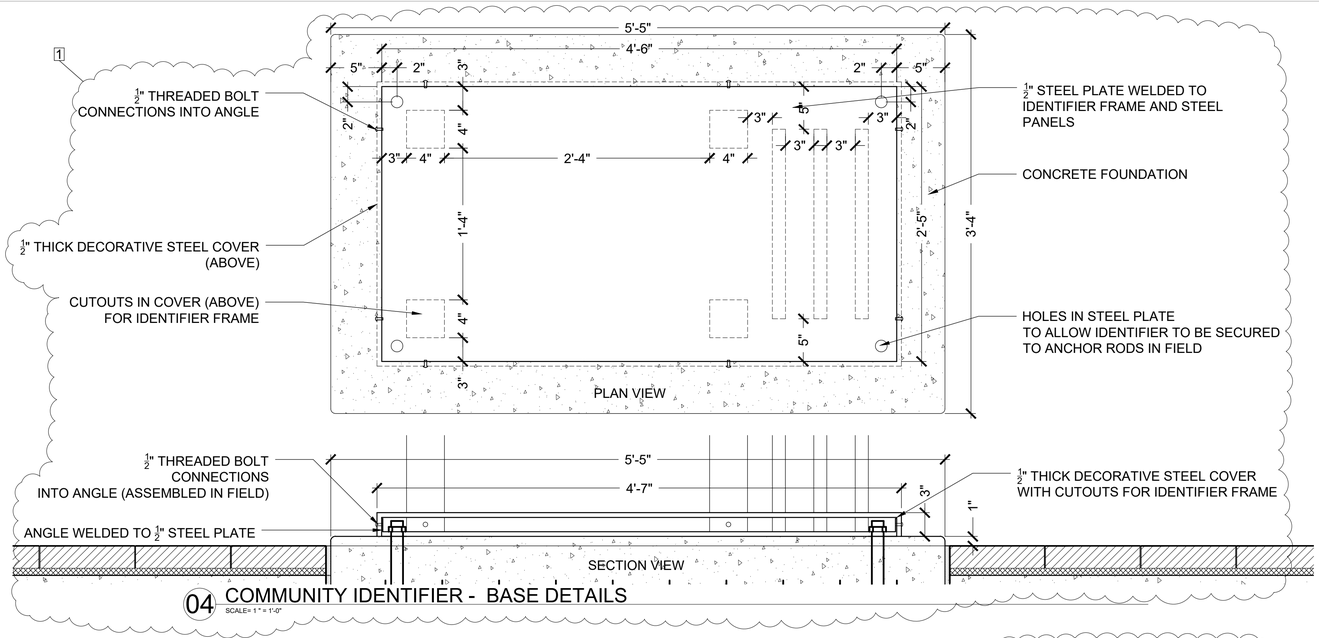
CONTRACT NO.

ILLINOIS | FED. AID PROJECT

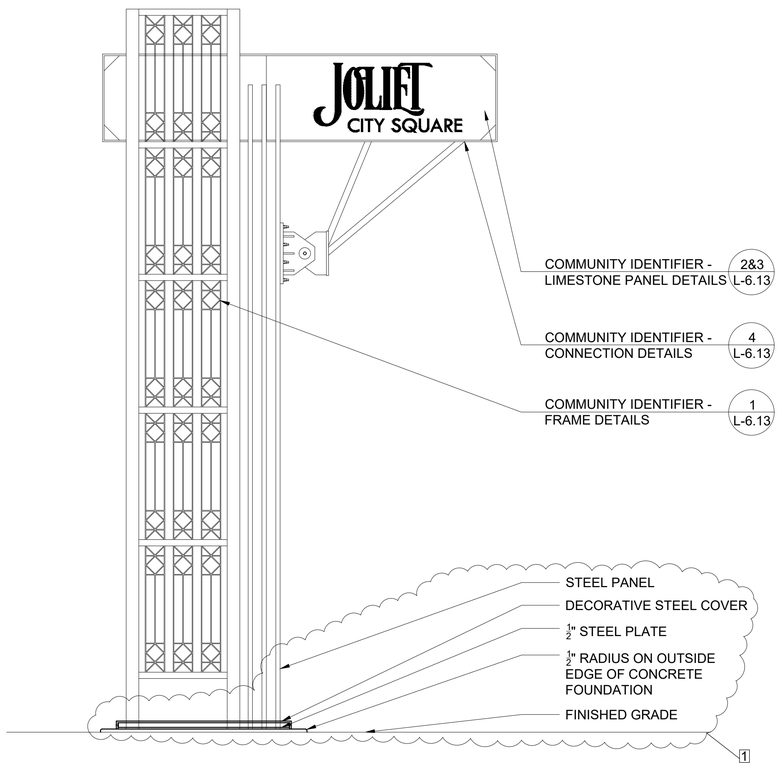
1

NOTE: THESE DRAWINGS ARE FOR BIDDING PURPOSES ONLY. NOT FOR CONSTRUCTION.

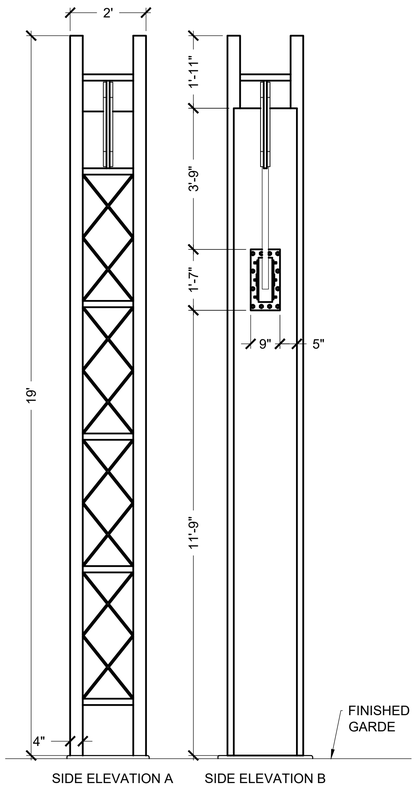




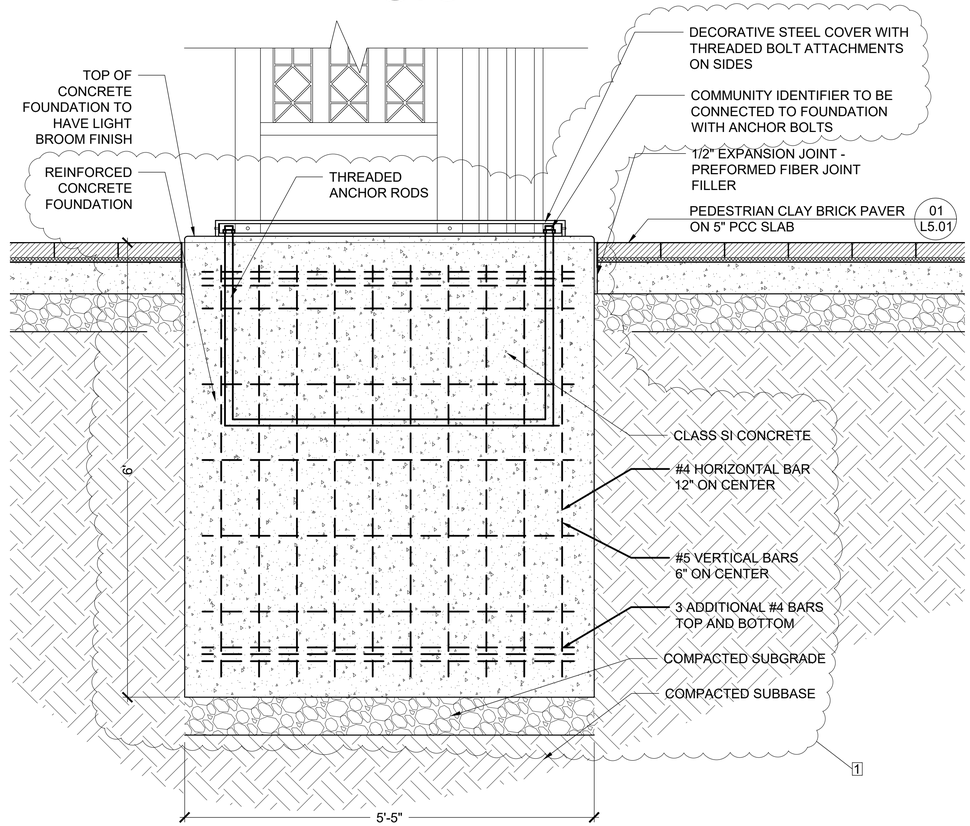
04 COMMUNITY IDENTIFIER - BASE DETAILS
SCALE= 1 " = 1'-0"



01 COMMUNITY IDENTIFIER - FRONT ELEVATION & PLAN VIEW
SCALE= ½ " = 1'-0"



02 COMMUNITY IDENTIFIER - SIDE ELEVATIONS
SCALE= ½ " = 1'-0"



03 COMMUNITY IDENTIFIER - FOUNDATION DETAILS
SCALE= 1 " = 1'-0"

L-6.12

CIVILTECH

DESIGNED - PJH, JDM, MA	REVISED 1 - ADD. 1 - 05/30/2024	
DRAWN - JDM, MA	REVISED -	
CHECKED - PJH	REVISED -	
DATE - 4/26/2024	REVISED -	

CITY OF JOLIET

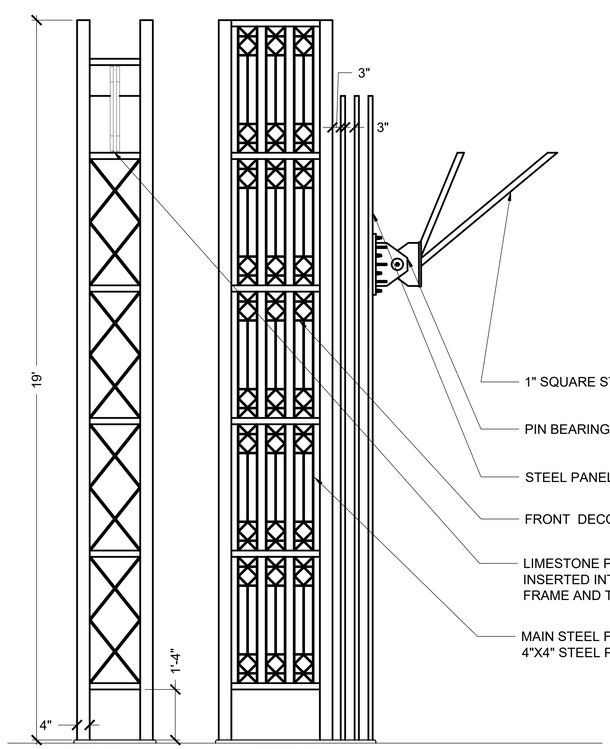
LANDSCAPE DETAILS
COMMUNITY IDENTIFIER

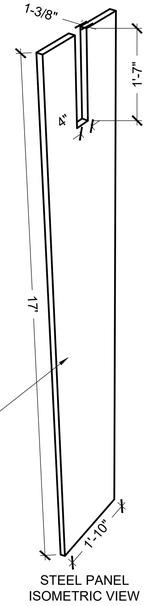
SCALE: | SHEET OF SHEETS | STA. TO STA.

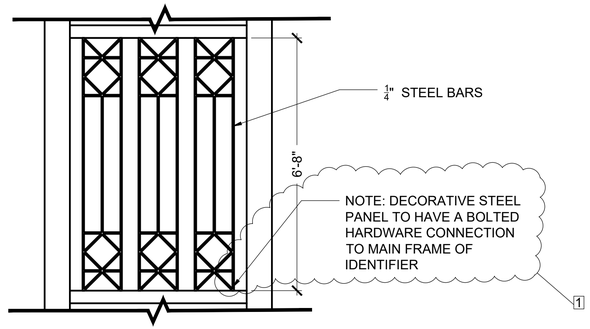
COUNTY	TOTAL SHEETS	SHEET NO.
	224	132

CONTRACT NO.

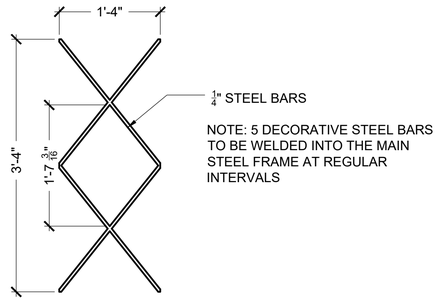
ILLINOIS | FED. AID PROJECT







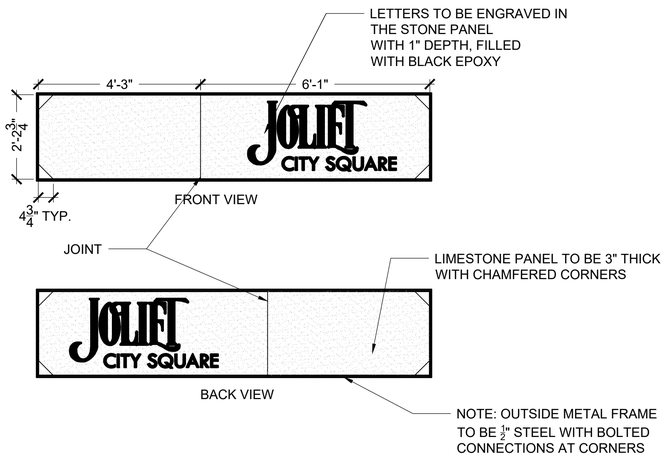
FRONT DECORATIVE STEEL BARS DETAILS



SIDE DECORATIVE STEEL BARS DETAILS

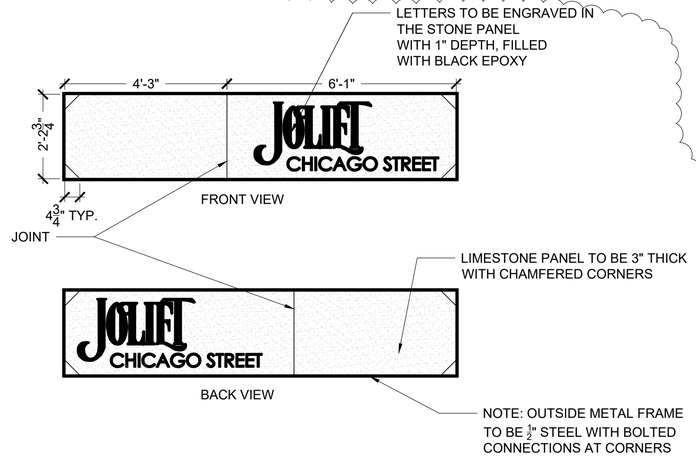
01 COMMUNITY IDENTIFIER - FRAME DETAILS

SCALE= 1/2 " = 1'-0"



02 COMMUNITY IDENTIFIER - LIMESTONE PANEL DETAIL TYPE A

SCALE= 1/2 " = 1'-0"



03 COMMUNITY IDENTIFIER - LIMESTONE PANEL DETAIL TYPE B

SCALE= 1/2 " = 1'-0"

1 NOTE: THESE DRAWINGS ARE FOR BIDDING PURPOSES ONLY. NOT FOR CONSTRUCTION.

L-6.13

CIVILTECH

	DESIGNED - PJH, JDM, MA	REVISED 1 - ADD. 1 - 05/30/2024	
	DRAWN - JDM, MA	REVISED -	
	CHECKED - PJH	REVISED -	
	DATE - 4/26/2024	REVISED -	

CITY OF JOLIET

LANDSCAPE DETAILS
COMMUNITY IDENTIFIER

SCALE: | SHEET OF SHEETS | STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
	224	133

CONTRACT NO.

ILLINOIS | FED. AID PROJECT

LEGEND

EXISTING ROADWAY LIGHTING UNIT TO REMAIN

EXISTING PEDESTRIAN LIGHTING UNIT TO REMAIN

EXISTING LIGHTING CABLES

EXISTING LIGHTING UNIT TO BE REMOVED

EXISTING HANDHOLE TO BE REMOVED

REMOVAL OF EXISTING CABLES

TEMPORARY LIGHTING POLE

TEMPORARY POLE (AS SPECIFIED IN PLANS)

AERIAL CABLES (AS SPECIFIED IN PLANS)

PROPOSED STREET LIGHTING (CHICAGO STREET)
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 5-1C NO.6, 1/C NO.6 GROUND

PROPOSED STREET LIGHTING (CITY SQUARE)
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 6-1C NO.6, 1/C NO.6 GROUND

PROPOSED TREE OUTLET
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1C NO.4, 1/C NO.4 GROUND

PROPOSED ILLUMINATED STOP SIGN
UNDERGROUND CONDUIT, GALVANIZED STEEL, 1-1/4" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1C NO.8, 1/C NO.8 GROUND

PROPOSED IN-GROUND LIGHTING
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1C NO.8, 1/C NO. 8 GROUND

PROPOSED FESTOON LIGHTING
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1C NO.8, 1/C NO. 8 GROUND

PROPOSED LED STRIP LIGHTING
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1C NO.8, 1/C NO. 8 GROUND

PROPOSED FOUNTAIN LIGHT
UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1C NO.8, 1/C NO.8 GROUND

PROPOSED STREETSCAPE ROADWAY LIGHTING UNIT
LUMEC RN20 130 WATT LED (208V) AT 35 FT M.H.
LUMEC L81 80 WATT LED (208V) TYPE 3 DISTRIBUTION AT 15 FT M.H.

PROPOSED STREETSCAPE PEDESTRIAN LIGHTING UNIT TYPE 1
LUMEC L81 80 WATT (208V) LED TYPE 3 DISTRIBUTION AT 15 FT M.H.

PROPOSED STREETSCAPE PEDESTRIAN LIGHTING UNIT TYPE 2
LUMEC L81 80 WATT (208V) LED TYPE 5 DISTRIBUTION AT 15 FT M.H.

PROPOSED TREE OUTLET PEDESTAL BOX

PROPOSED HANDHOLE

PROPOSED LIGHTING CONTROLLER, BASE MOUNTED, 208 VOLT, 200 AMP

PROPOSED IN-GROUND LIGHTING

PROPOSED DMX (DIGITAL MULTIPLEX) CONTROLLER

JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 14" X 12" X 6"

LIGHTING GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
2. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. TRANSITION OF EXISTING TO TEMPORARY TO PROPOSED LIGHTING SYSTEM WILL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT SAME EVENING.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND LIGHTING CONTROLLERS FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER.
5. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS FOR ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATIONS HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
7. FOUNDATION TYPE IS BASED ON KNOWN UTILITY INFORMATION. OFFSET FOUNDATION LOCATIONS WERE BASED ON ATLAS AND ABOVE GROUND STRUCTURES FOR LOCATION OF UTILITIES. WHERE POSSIBLE, OFFSET FOUNDATIONS SHOULD BE REPLACED WITH 24" DIAMETER FOUNDATIONS. FOUNDATION TYPE SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. CONTRACTOR WILL BE PAID FOR THE FOUNDATION TYPE INSTALLED WITH NO ADDITIONAL COMPENSATION FOR CHANGE FROM CONTRACT PLAN.
8. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
9. FOR ALL CONCRETE FOUNDATIONS, A MINIMUM OF 2 RACEWAYS SHALL BE PROVIDED REGARDLESS OF WHAT IS BEING INSTALLED. THE SLEEVES SHALL BE SEALED AND CAPPED TO PREVENT MOISTURE OR CONTAMINANTS. MATERIAL AND LABOR WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PAY ITEM FOR LIGHT POLE FOUNDATION.
10. TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALUMINUM POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
11. ALL EMPTY CONDUITS SHALL BE REMOVED. REMOVAL OF EXISTING CONDUITS SHALL BE INCLUDED IN THE PAY ITEM EARTH EXCAVATION.
12. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID COMED AND SIDEWALK VAULTS. IT SHALL ALSO AVOID CONFLICT WITH TREES, BUSHES, DRAINS, OTHER UTILITIES, AND LANDSCAPING.
13. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.
14. THE INSTALLATION OF BURIED WARNING TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER.
15. SPLICING IN HANDHOLE SHALL BE WITH WATERPROOF SPLICE KIT AND WILL BE INCLUDED IN THE PAY ITEMS OF ELECTRIC CABLES OR UNIT DUCT.
16. ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.
17. OFFSET CALL-OFFS FOR PROPOSED LIGHT POLES ARE FROM THE CENTER OF POLES TO PROPOSED CONSTRUCTION BASELINE.
18. CONTRACTOR SHALL VERIFY EXISTING HANDHOLE TO BE REMOVED DOES NOT HAVE WIRES THAT NEED TO REMAIN ACTIVE. CONTRACTOR WILL WORK WITH THE ENGINEER TO MAINTAIN CONNECTION.

LIGHTING SCHEDULE OF QUANTITIES

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CHICAGO STREET	CITY SQUARE
80400100	ELECTRIC SERVICE INSTALLATION	EACH	4	2	2
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	0.5	0.5
81028180	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	FOOT	734	734	0
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	7511	4756	2755
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	3730	400	3330
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	437	0	437
81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	1241	0	1241
81300610	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 14" X 12" X 6"	EACH	12	0	12
81400100	HANDHOLE	EACH	5	5	0
81800240	AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	2075	2075	0
81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	253	253	0
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	43	33	10
84200804	REMOVAL OF POLE FOUNDATION	EACH	43	33	10
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1	0
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	1	0
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	14424	12944	1480
89502380	REMOVE EXISTING HANDHOLE	EACH	22	18	4
X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	15	0	15
X1400450	REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	2	2	0
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	72	36	36
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1	1	0
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	15	15	0
0	STREET LIGHT POLE FOUNDATION TYPE A	FOOT	440	80	360
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 2-1/C NO. 8 1/C NO.6 GROUND	FOOT	25	25	0
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 1/C NO.6 GROUND	FOOT	189	0	189
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.8, 1/C NO.8 GROUND	FOOT	1444	790	654
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.8, 1/C NO.8 GROUND	FOOT	906	0	906
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.8, 1/C NO.8 GROUND	FOOT	437	0	437
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 5-1/C NO.6, 1/C NO.6 GROUND	FOOT	2935	2935	0
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 6-1/C NO.6, 1/C NO.6 GROUND	FOOT	1667	0	1667
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.4, 1/C NO.4 GROUND	FOOT	4112	2666	1446
0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO. 3/0	FOOT	910	400	510
0	LIGHTING CONTROLLER, BASE MOUNTED, 208 VOLT, 200 AMP	EACH	4	2	2
0	LUMINAIRE, LED, STREETSCAPE ROADWAY	EACH	10	10	0
0	LUMINAIRE, LED, STREETSCAPE PEDESTRIAN, TYPE 1	EACH	34	34	0
0	LUMINAIRE, LED, STREETSCAPE PEDESTRIAN, TYPE 2	EACH	29	0	29
0	LIGHT POLE, STREETSCAPE ROADWAY	EACH	10	10	0
0	LIGHT POLE, STREETSCAPE PEDESTRIAN	EACH	63	34	29
0	TREE OUTLET 5X10 PEDESTAL BOX, 15 AMPS	EACH	57	25	32
0	TREE OUTLET 5X10 PEDESTAL BOX, 20 AMPS	EACH	13	13	0
0	TREE OUTLET 5X5 REMOVABLE PEDESTAL BOX, 20 AMPS	EACH	1	0	1
0	TREE OUTLET PEDESTAL BOX FOUNDATION	EACH	70	38	32
0	PAVEMENT POCKET HANDHOLE	EACH	1	0	1
0	ILLUMINATED STOP SIGN COMPLETE	EACH	8	8	0
0	FESTOON LIGHTING	L SUM	1	0	1
0	DMX CONTROLLER	L SUM	1	0	1
0	SMART LIGHTING SYSTEM	L SUM	1	0	1
0	IN-GROUND LIGHTING	EACH	6	0	6
0	LED STRIP LIGHTING	L SUM	1	0	1

* REMOTE CONTROLLED VIDEO SYSTEM PAY ITEM AND ADDITIONAL QUANTITY FOR UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA. HAS BEEN ADDED FOR CITY SQUARE. CONTRACTOR WILL COORDINATE WITH THE CITY ON INSTALLATION AND LAYOUT.

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\16-Lighting\3679-ahr-lg01.dgn

CIVILTECH

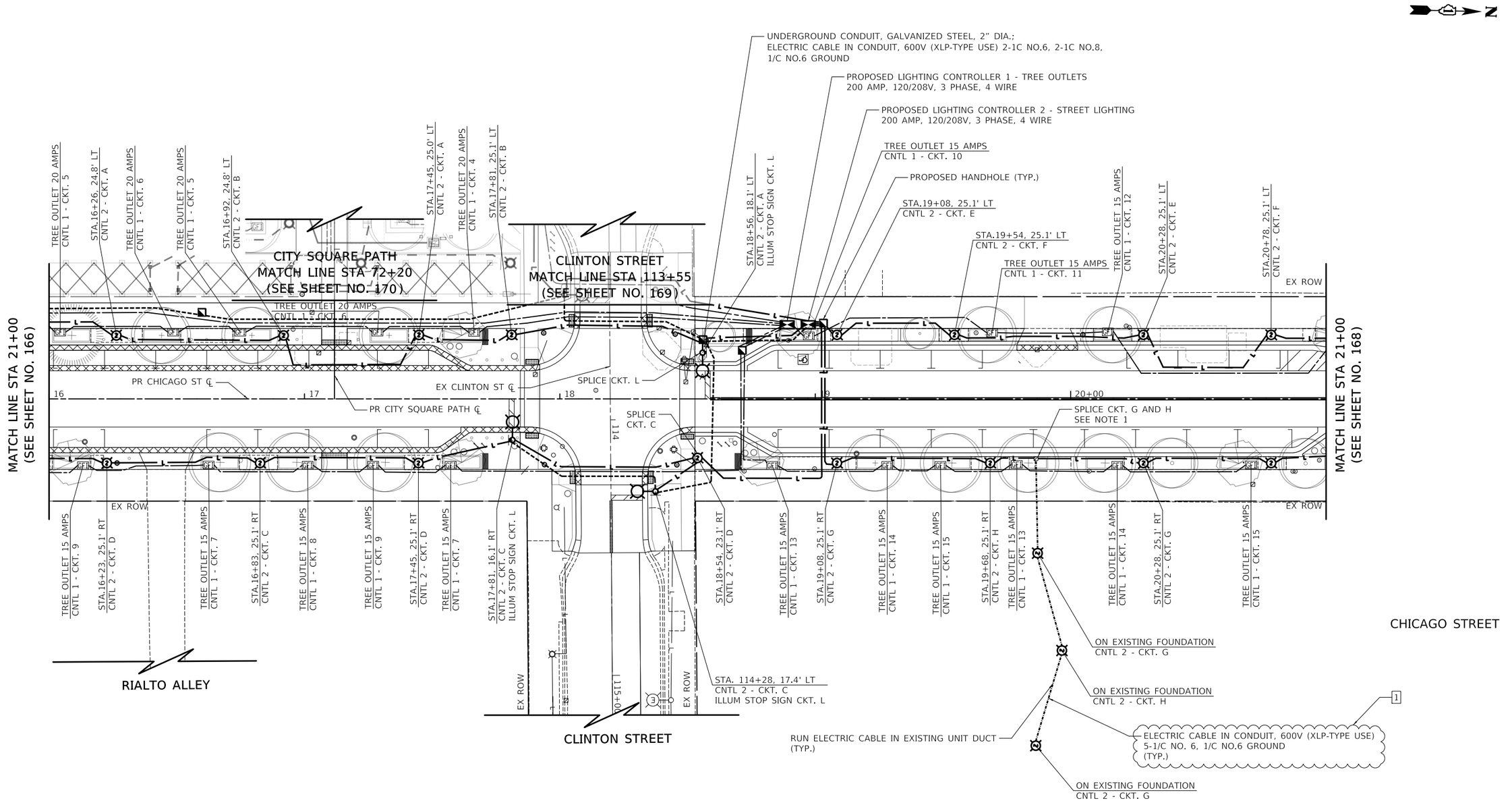
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PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

LIGHTING LEGEND, GENERAL NOTES, AND BILL OF MATERIAL

SCALE: N.T.S | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	158
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\16-Lighting\3679-sht-lg10?.dgn

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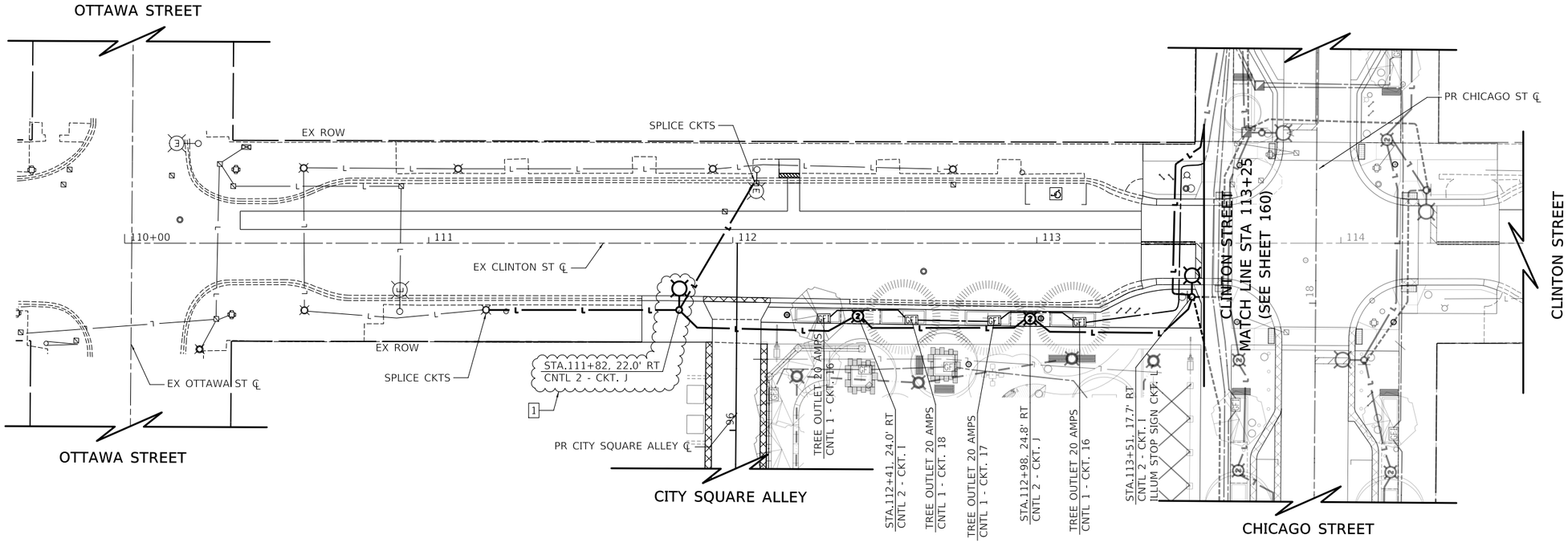
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PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -	
PLOT DATE = 5/31/2024	DATE -	REVISED -	

CITY OF JOLIET

PROPOSED LIGHTING PLANS
CHICAGO STREET

SCALE: 1" = 20' | SHEET 3 OF SHEETS | STA. 16+00 TO STA. 21+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	167
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



CLINTON STREET

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\16-Lighting\3679-sht-lgtll.dgn

CIVILTECH	USER NAME = untitled	DESIGNED - SJC	REVISED 1 - ADD. 1 - 5/30/2024	CITY OF JOLIET	PROPOSED LIGHTING PLANS CLINTON STREET
		DRAWN - SJC	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -		SCALE: 1" = 20' SHEET 5 OF SHEETS STA. 110+00 TO STA. 113+55
	PLOT DATE = 5/31/2024	DATE -	REVISED -		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	169
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

CITY SQUARE PATH

VAN BUREN STREET

CLINTON STREET

PROPOSED LIGHTING CONTROLLER 3 - TREE OUTLETS
200 AMP, 120/208V, 3 PHASE, 4 WIRE

PROPOSED LIGHTING CONTROLLER 4 - STREET LIGHTS
200 AMP, 120/208V, 3 PHASE, 4 WIRE

UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.;
CAT 5 ETHERNET CABLE (TYP.)
INCLUDED IN DMX CONTROLLER PAY ITEM

UNDERGROUND CONDUIT, 2 1/2" DIA.;
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO. 3/0

CONNECT PROPOSED TO EXISTING
UNDERGROUND CONDUIT, 2 1/2" DIA.

PROPOSED DMX CONTROLLER
(SEE NOTE 3)

ELECTRIC CABLE IN CONDUIT,
600V (XLP-TYPE USE) 4-1/C NO. 3/0

PROPOSED UTILITY SERVICE CONNECTION
120/208 VOLT, 3 PHASE, 4 WIRES
TO BE COORDINATED WITH COMED

PROPOSED STREETSCAPE
PEDESTRIAN LIGHTING UNIT
(TYP.)

UNDERGROUND CONDUIT, COILABLE
NONMETALLIC CONDUIT, 1" DIA.;
CAT 5 ETHERNET CABLE (TYP.)
INCLUDED IN DMX CONTROLLER PAY ITEM

PROPOSED TREE OUTLET PEDESTAL BOX
(TYP.)

SEE NOTE 4
(TYP)

UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
2-1C NO.6, 1/C NO.6 GROUND

FOUNTAIN VAULT

UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.;
CAT 5 ETHERNET CABLE (TYP.)
INCLUDED IN DMX CONTROLLER PAY ITEM

VAN BUREN STREET
MATCH LINE STA 51+62.5
(SEE SHEET NO.159)

CITY SQUARE PATH
MATCH LINE STA 72+22
(SEE SHEET NO.161)

JUNCTION BOX, STAINLESS STEEL,
ATTACHED TO STRUCTURE, 14"X12"X6" (TYP.)

PROPOSED FESTOON LIGHTING, ON TRELLIS (TYP.) SEE NOTE 1

HOLIDAY TREE MANHOLE

PAVEMENT POCKET HANDHOLE;
TREE OUTLET 5X5 REMOVABLE PEDESTAL BOX
SEE DETAIL SHEETS sIt17 AND sIt23

PROPOSED FESTOON
LIGHTING, ON
TRELLIS (TYP.)
SEE NOTE 1

SPLICE OUTLET CKT. 10
SEE DETAIL SHEET sIt18

UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
FLEXIBLE CORD, 3#10 AWG (TYPE SOOW)
SEE NOTE 2

PROPOSED FESTOON LIGHTING,
ON TRELLIS (TYP.)
SEE NOTE 1

JUNCTION BOX, STAINLESS STEEL,
ATTACHED TO STRUCTURE, 14"X12"X6"
(TYP.)

PROPOSED FESTOON LIGHTING,
ON TRELLIS (TYP.)
SEE NOTE 1

JUNCTION BOX, STAINLESS STEEL,
ATTACHED TO STRUCTURE, 14"X12"X6"
(TYP.)

FOUNTAIN VAULT

NOTE:

1. SEE PROPOSED WIRING DIAGRAM FOR FESTOON LIGHTING CIRCUITRY
2. FLEXIBLE CORD, 3 #10 AWG (TYPE SOOW) WILL BE INCLUDED IN THE COST OF PAVEMENT POCKET HANDHOLE.
3. PROPOSED DMX CONTROLLER WILL BE LOCATED IN A TEMPERATURE CONTROL IT ROOM IN THE PARKING GARAGE. ALL CONDUIT AND CAT 5 ETHERNET CABLE ASSOCIATED WITH THE DMX CONTROLLER WILL BE PAID FOR AND INCLUDED AS LUMP SUM FOR DMX CONTROLLER.
4. SEE LANDSCAPING SHEETS L5.12 AND L5.13 FOR LED STRIP LIGHTING.

CITY SQUARE - SITE PLAN

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\16-Lighting\3679-ahl-lgt12.dgn

CIVILTECH

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PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -	
PLOT DATE = 5/31/2024	DATE -	REVISED -	

CITY OF JOLIET

PROPOSED LIGHTING PLANS
CITY SQUARE

SCALE: 1" = 20' | SHEET 6 OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	170
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

CITY SQUARE LIGHTING SCHEDULE

ITEM	ITEM TYPE	STATION	OFFSET	CONTROLLER	CIRCUIT	OFFSET FDN
1	LIGHT POLE	51+46	118.1'LT	4	LUM - D; OUTLET - PO2	
2	TREE OUTLET 20 AMPS	NEAR HOLIDAY TREE MANHOLE	----	3	10	
3	LIGHT POLE	51+46	81.0'LT	4	LUM - D; OUTLET - PO2	
4	TREE OUTLET 15 AMPS	PLANTER	----	3	4	
5	LIGHT POLE	51+24	47.7'LT	4	LUM - C; OUTLET - PO2	
6	LIGHT POLE	51+01	76.1'LT	4	LUM - D; OUTLET - PO2	
7	TREE OUTLET 15 AMPS	PLANTER	----	3	5	
8	LIGHT POLE	51+56	17.1'LT	4	LUM - A; OUTLET - PO1	
9	TREE OUTLET 15 AMPS	PLANTER	----	3	3	
10	TREE OUTLET 15 AMPS	PLANTER	----	3	1	
11	TREE OUTLET 15 AMPS	PLANTER	----	3	1	
12	TREE OUTLET 15 AMPS	PLANTER	----	3	2	
13	LIGHT POLE	50+94	17.1'LT	4	LUM - B; OUTLET - PO1	
14	LIGHT POLE	50+94	13.5'RT	4	LUM - A; OUTLET - PO1	YES
15	TREE OUTLET 15 AMPS	PLANTER	----	3	2	
16	TREE OUTLET 15 AMPS	PLANTER	----	3	3	
17	TREE OUTLET 15 AMPS	PLANTER	----	3	3	
18	TREE OUTLET 15 AMPS	PLANTER	----	3	1	
19	LIGHT POLE	50+38	21.2'LT	4	LUM - A; OUTLET - PO1	
20	LIGHT POLE	50+33	13.5'RT	4	LUM - B; OUTLET - PO1	YES
21	TREE OUTLET 15 AMPS	PLANTER	----	3	2	
22	LIGHT POLE	93+43	11.6'LT	4	LUM - B; OUTLET - PO1	
23	IN-GROUND LIGHTING	PLANTER	----	4	K	
24	TREE OUTLET 15 AMPS	PLANTER	----	3	6	
25	LIGHT POLE	93+92	46.9'RT	4	LUM - C; OUTLET - PO2	
26	IN-GROUND LIGHTING	PLANTER	----	4	K	
27	TREE OUTLET 15 AMPS	PLANTER	----	3	4	
28	IN-GROUND LIGHTING	PLANTER	----	4	K	
29	TREE OUTLET 15 AMPS	PLANTER	----	3	5	
30	LIGHT POLE	94+16	12.5'LT	4	LUM - A; OUTLET - PO1	
31	IN-GROUND LIGHTING	PLANTER	----	4	K	
32	TREE OUTLET 15 AMPS	PLANTER	----	3	6	
33	LIGHT POLE	94+39	92.0'RT	4	LUM - C; OUTLET - PO2	
34	LIGHT POLE	94+39	47.0'RT	4	LUM - D; OUTLET - PO2	
35	IN-GROUND LIGHTING	PLANTER	----	4	K	
36	TREE OUTLET 15 AMPS	PLANTER	----	3	4	
37	TREE OUTLET 15 AMPS	PLANTER	----	3	1	
38	LIGHT POLE	94+87	46.5'RT	4	LUM - C; OUTLET - PO2	
39	LIGHT POLE	94+59	11.7'RT	4	LUM - D; OUTLET - PO2	
40	IN-GROUND LIGHTING	PLANTER	----	4	K	
41	TREE OUTLET 15 AMPS	PLANTER	----	3	5	
42	TREE OUTLET 15 AMPS	PLANTER	----	3	2	
43	LIGHT POLE	95+03	12.5'LT	4	LUM - E; OUTLET - PO3	YES
44	TREE OUTLET 15 AMPS	PLANTER	----	3	8	
45	LIGHT POLE	95+64	12.4'LT	4	LUM - F; OUTLET - PO3	
46	LIGHT POLE	95+70	19.8'RT	4	LUM - E; OUTLET - PO3	
47	TREE OUTLET 15 AMPS	PLANTER	----	3	7	
48	TREE OUTLET 15 AMPS	PLANTER	----	3	7	
49	LIGHT POLE	96+18	19.9'RT	4	LUM - F; OUTLET - PO3	
50	TREE OUTLET 15 AMPS	PLANTER	----	3	8	
51	TREE OUTLET 15 AMPS	PLANTER	----	3	9	
52	LIGHT POLE	71+28	61.2'LT	4	LUM - E; OUTLET - PO3	
53	LIGHT POLE	71+29	17.4'LT	4	LUM - F; OUTLET - PO3	
54	TREE OUTLET 15 AMPS	PLANTER	----	3	9	
55	TREE OUTLET 15 AMPS	PLANTER	----	3	8	
56	LIGHT POLE	71+41	41.7'RT	4	LUM - D; OUTLET - PO2	
57	TREE OUTLET 15 AMPS	PLANTER	----	3	9	
58	LIGHT POLE	71+79	69.4'LT	4	LUM - F; OUTLET - PO3	
59	TREE OUTLET 15 AMPS	PLANTER	----	3	7	
60	LIGHT POLE	71+73	17.6'LT	4	LUM - E; OUTLET - PO3	
61	TREE OUTLET 15 AMPS	PLANTER	----	3	7	
62	LIGHT POLE	72+05	68.9'LT	4	LUM - E; OUTLET - PO3	
63	TREE OUTLET 15 AMPS	PLANTER	----	3	8	
64	LIGHT POLE	72+05	10.4'LT	4	LUM - F; OUTLET - PO3	
65	LIGHT POLE	71+90	17.8'RT	4	LUM - C; OUTLET - PO2	
66	TREE OUTLET 15 AMPS	PLANTER	----	3	4	
67	TREE OUTLET 15 AMPS	PLANTER	----	3	5	
68	LIGHT POLE	71+90	77.6'RT	4	LUM - D; OUTLET - PO2	

NOTE:

1. SEE PROPOSED WIRING DIAGRAM FOR FESTOON LIGHTING CIRCUITRY

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PEN TABLE = $PENTBL$
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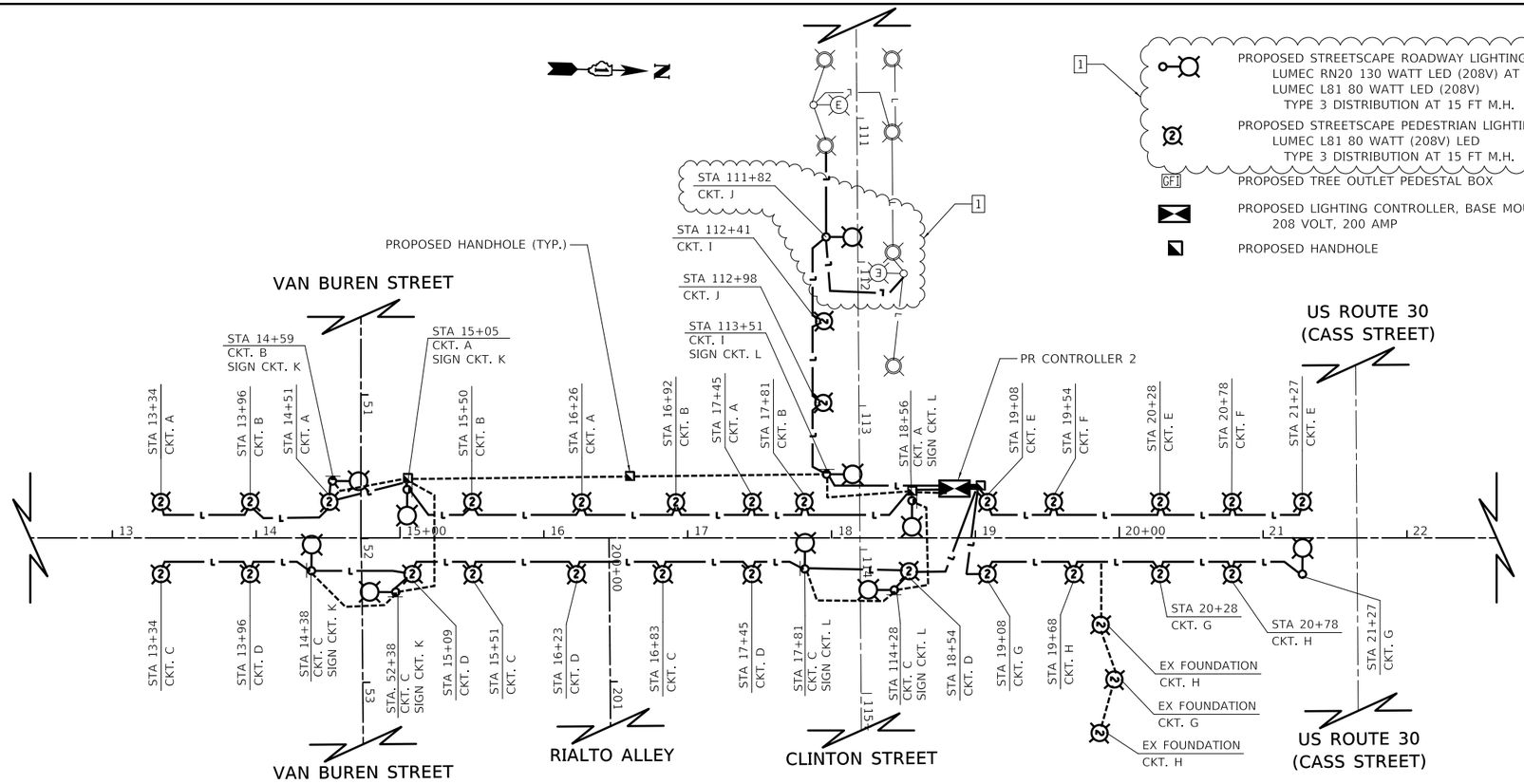
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PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

PROPOSED LIGHTING SCHEDULE
CITY SQUARE

SCALE: | SHEET 7 OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	171
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



LEGEND

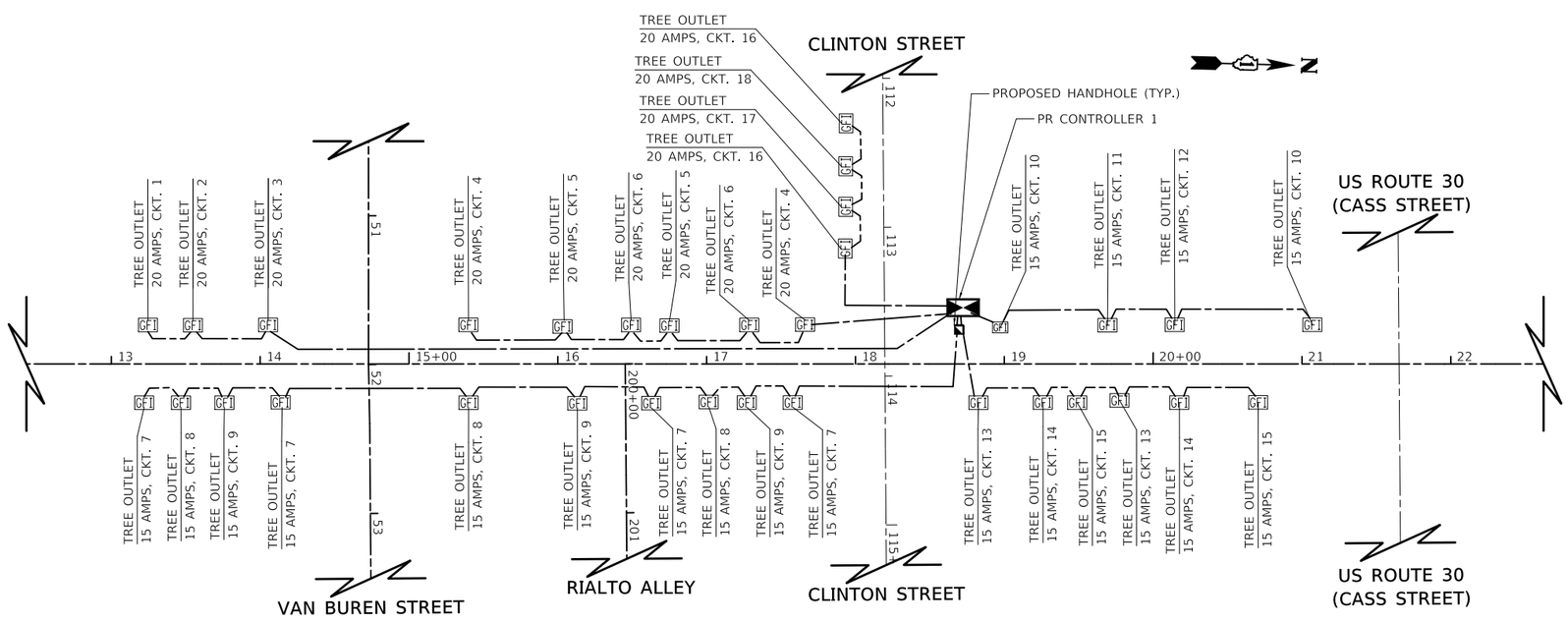
- PROPOSED STREETSCAPE ROADWAY LIGHTING UNIT
  LUMEC RN20 130 WATT LED (208V) AT 35 FT M.H.
  LUMEC L81 80 WATT LED (208V)
  TYPE 3 DISTRIBUTION AT 15 FT M.H.
- PROPOSED STREETSCAPE PEDESTRIAN LIGHTING UNIT TYPE 1
  LUMEC L81 80 WATT (208V) LED
  TYPE 3 DISTRIBUTION AT 15 FT M.H.
- PROPOSED TREE OUTLET PEDESTAL BOX
- PROPOSED LIGHTING CONTROLLER, BASE MOUNTED, 208 VOLT, 200 AMP
- PROPOSED HANDHOLE
- PROPOSED STREET LIGHTING
  UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
  ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
  5-1C NO.6. 1/C NO.6 GROUND
- PROPOSED TREE OUTLET
  UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
  ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
  4-1C NO.4. 1/C NO.4 GROUND
- PROPOSED ILLUMINATED STOP SIGN
  UNDERGROUND CONDUIT, GALVANIZED STEEL, 1-1/4" DIA.
  ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
  2-1C NO.8. 1/C NO.8 GROUND
- EXISTING PEDESTRIAN LIGHTING UNIT TO REMAIN
- EXISTING ROADWAY LIGHTING UNIT TO REMAIN

PROPOSED LIGHTING CONTROLLER 2 CIRCUIT LOAD TABLE

RED PHASE WIRE				BLACK PHASE WIRE				BLUE PHASE WIRE			
CKT	QTY	TOTAL AMPS	KW LOAD @ 120V	CKT	QTY	TOTAL AMPS	KW LOAD @ 120V	CKT	QTY	TOTAL AMPS	KW LOAD @ 120V
A	6	15.7	1.88	A	6	15.7	1.88	B	7	17.5	2.10
B	7	17.5	2.10	C	6	16.4	1.97	C	6	16.4	1.97
D	6	15.1	1.81	D	6	15.1	1.81	E	3	7.2	0.86
E	3	7.2	0.86	F	2	4.8	0.58	F	2	4.8	0.58
G	4	10.3	1.24	G	4	10.3	1.24	H	4	9.6	1.15
H	4	9.6	1.15	I	6	15.7	1.88	I	6	15.7	1.88
J	6	15.7	1.88	J	6	15.7	1.88	K	4	0.2	0.03
L	4	0.2	0.03								
	TOTAL	91.3	10.95		TOTAL	93.7	11.24		TOTAL	71.4	8.57

ROADWAY LED LUMINAIRE 135 WATTS (208V) CKTS. A - J = 0.65 AMP
ROADWAY PEDESTRIAN LED LUMINIARE 80 WATTS (208V) CKTS. A - J = 0.40 AMPS
LIGHT POLE OUTLET (120V) CKTS. A - J = 2 AMPS

CHICAGO STREET - PROPOSED LIGHTING WIRING DIAGRAM



PROPOSED LIGHTING CONTROLLER 1 CIRCUIT LOAD TABLE

RED PHASE WIRE				BLACK PHASE WIRE				BLUE PHASE WIRE			
CKT	QTY	TOTAL AMPS	KW LOAD @ 120V	CKT	QTY	TOTAL AMPS	KW LOAD @ 120V	CKT	QTY	TOTAL AMPS	KW LOAD @ 120V
1	1	20.0	2.4	2	1	20	2.4	3	1	20	2.4
4	2	40.0	4.8	5	2	40	4.8	6	2	40	4.8
7	4	40.0	4.8	8	3	30	3.6	9	3	30	3.6
10	2	20.0	2.4	11	1	10	1.2	12	1	10	1.2
13	2	20.0	2.4	14	2	20	2.4	15	2	20	2.4
17	1	20.0	2.4	16	2	40	4.8	18	1	20	2.4
	TOTAL	160.0	19.2		TOTAL	160.0	19.2		TOTAL	140.0	16.8

TREE OUTLET (120V) CKTS. 1 - 6 AND 16 - 18 = 20 AMPS
TREE OUTLET (120V) CKTS. 7 - 15 = 10 AMPS

CHICAGO STREET - PROPOSED TREE OUTLET WIRING DIAGRAM

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\16-Lighting\3679-ant-lgt13.dgn

CIVILTECH

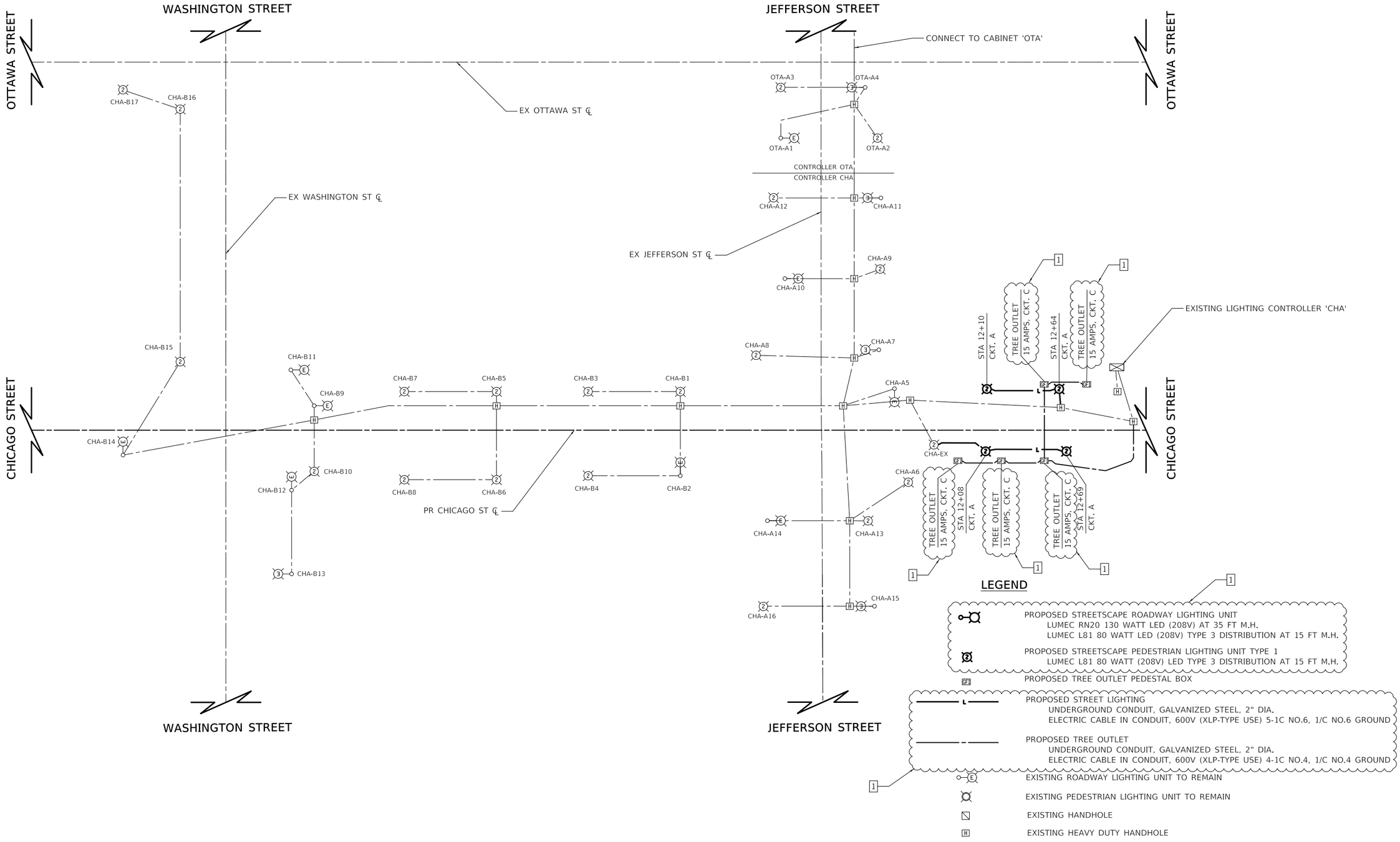
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PLOT DATE = 5/31/2024	DATE -	REVISED -	

CITY OF JOLIET

PROPOSED WIRING DIAGRAM
CHICAGO STREET

SCALE: NTS | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	172
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



CHICAGO STREET - EXISTING LIGHTING CONTROLLER CHA WIRING DIAGRAM

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\16-Lighting\3679-sht-lgt14.dgn

CIVILTECH

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PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

EXISTING WIRING DIAGRAM
CHICAGO STREET

SCALE: NTS | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	173
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

LEGEND

PROPOSED STREETSCAPE PEDESTRIAN LIGHTING UNIT TYPE 2
LUMEC L81 80 WATT (208V) LED TYPE 5 DISTRIBUTION AT 15 FT M.H.

PROPOSED LIGHTING CONTROLLER, BASE MOUNTED,
208 VOLT, 200 AMP

PROPOSED IN-GROUND LIGHTING

PROPOSED STREET LIGHTING
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 6-1C NO.6, 1/C NO.6 GROUND

PROPOSED IN-GROUND LIGHTING
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1C NO.8, 1/C NO. 8 GROUND

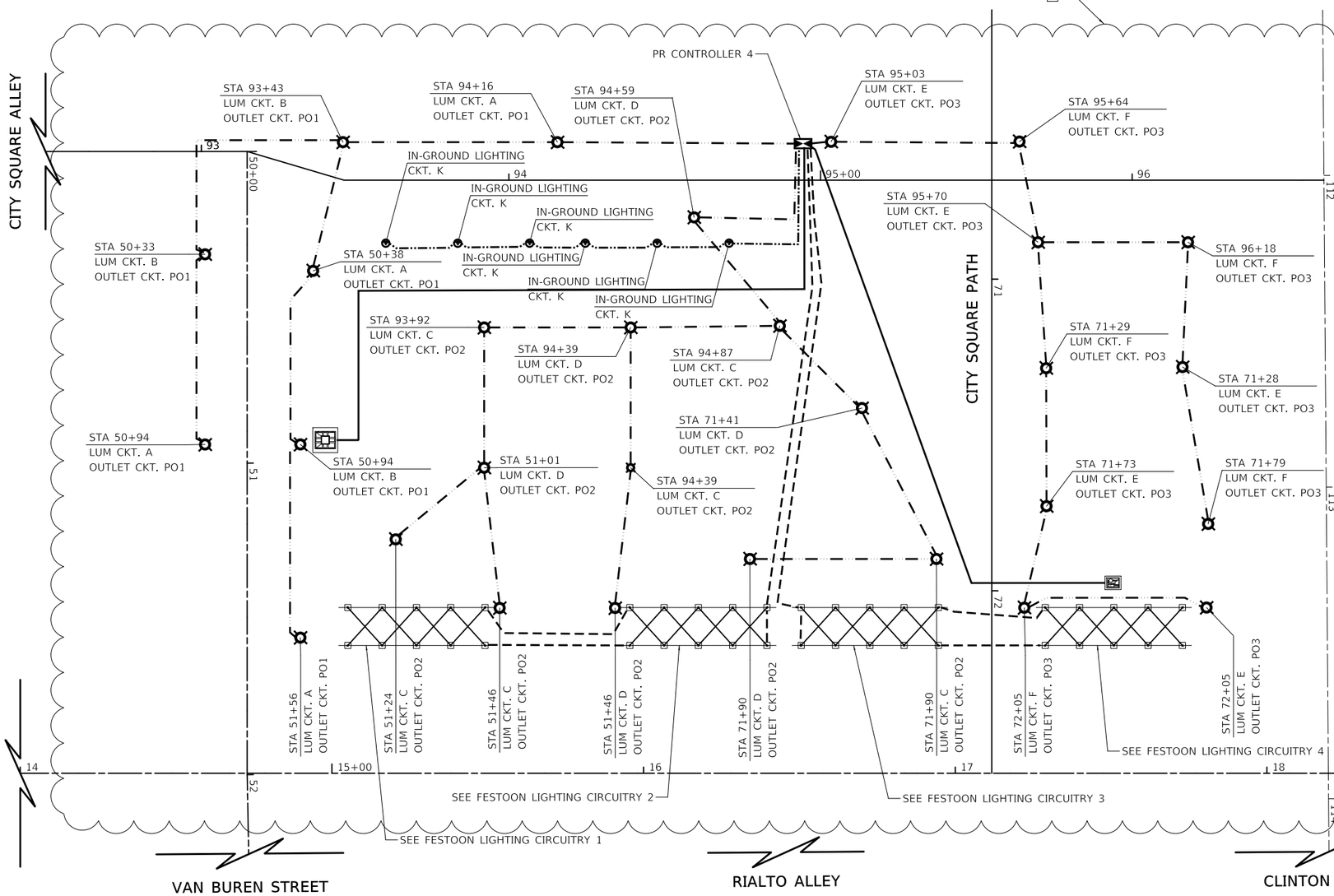
PROPOSED FESTOON LIGHTING
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1C NO.8, 1/C NO. 8 GROUND

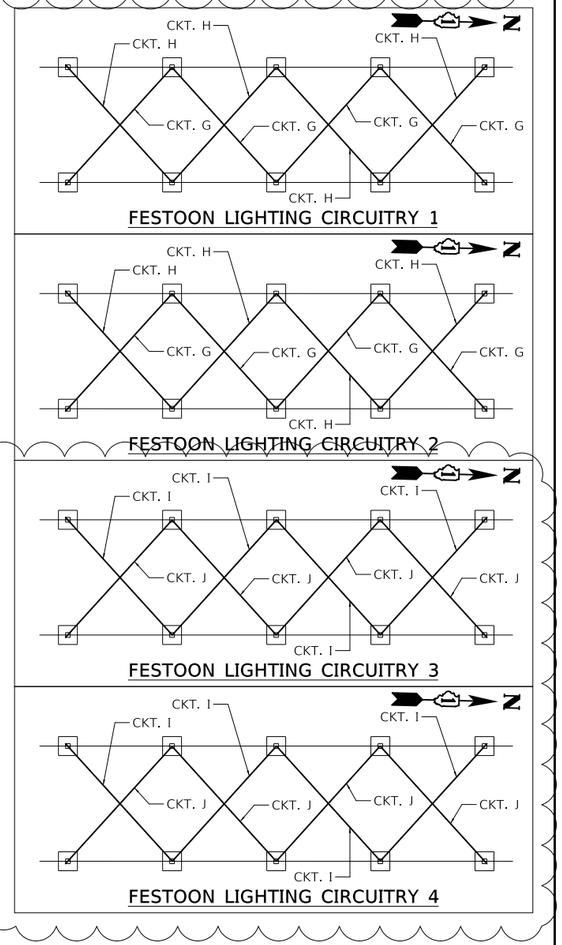
PROPOSED FOUNTAIN LIGHT
UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
4-1C NO.8, 1/C NO.8 GROUND

PROPOSED LIGHTING CONTROLLER 4 CIRCUIT LOAD TABLE

RED PHASE WIRE				BLACK PHASE WIRE				BLUE PHASE WIRE			
CKT	QTY	TOTAL AMPS	KW LOAD @ 120V	CKT	QTY	TOTAL AMPS	KW LOAD @ 120V	CKT	QTY	TOTAL AMPS	KW LOAD @ 120V
A	4	1.6	0.20	A	4	1.6	0.20	B	3	1.2	0.15
B	3	1.2	0.15	C	6	2.4	0.29	C	6	2.4	0.29
D	6	2.4	0.29	D	6	2.4	0.29	E	5	2.0	0.24
E	5	2.0	0.24	F	5	2.0	0.24	F	5	2.0	0.24
G	44	0.9	0.11	H	44	0.9	0.11	I	44	0.9	0.11
J	44	0.9	0.11	K	6	1.0	0.12	L	2	1.5	0.18
M	2	0.6	0.07	N	5	1.5	0.18	O	8	7.1	0.85
PO1	7	14.0	1.68	PO2	12	24.0	2.88	PO3	10	20.0	2.40
	TOTAL	42.6	2.85		TOTAL	35.8	4.31		TOTAL	37.1	4.46

PEDESTRIAN LED LUMINIARE 80 WATTS (208V) CKTS. A - F = 0.40 AMPS
LIGHT POLE OUTLET (120V) CKTS. PO1 - PO3 = 2 AMPS
FESTOON LIGHTING 1.8 WATTS (120V) CKTS. G - J = 0.02 AMPS
TREE LIGHT 19 WATTS (120V) CKT. K = 0.16 AMPS
FOUNTAIN LINEAR LIGHT 90 WATTS (120V) CKT. L = 0.75 AMPS
FOUNTAIN LINEAR LIGHT 36 WATTS (120V) CKT. M = 0.30 AMPS
FOUNTAIN RING LIGHT 36 WATTS (120V) CKT. N = 0.30 AMPS
TIER SEAT LIGHT 7 WATTS/FT (120V) CKT. O = 0.06 AMPS/FT AT 15 FT EACH = 0.88 AMP





CITY SQUARE - PROPOSED LIGHTING WIRING DIAGRAM

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\IE-Lighting\3679-sht-lgt16.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - SJC	REVISED 1 - ADD. 1 - 5/30/2024	
	DRAWN - SJC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -	
PLOT DATE = 5/31/2024	DATE -	REVISED -	

CITY OF JOLIET

PROPOSED LIGHTING WIRING DIAGRAM
CITY SQUARE

SCALE: NTS | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	174
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

LEGEND

GFI — PROPOSED TREE OUTLET PEDESTAL BOX

PROPOSED LIGHTING CONTROLLER, BASE MOUNTED, 208 VOLT, 200 AMP

PROPOSED TREE OUTLET
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1C NO.4, 1/C NO.4 GROUND

PROPOSED LIGHTING CONTROLLER 3 CIRCUIT LOAD TABLE											
RED PHASE WIRE				BLACK PHASE WIRE				BLUE PHASE WIRE			
CKT	QTY	TOTAL AMPS	KW LOAD @ 120V	CKT	QTY	TOTAL AMPS	KW LOAD @ 120V	CKT	QTY	TOTAL AMPS	KW LOAD @ 120V
1	4	40	4.80	2	4	40	4.80	3	3	30	3.60
4	4	40	4.80	5	4	40	4.80	6	2	20	2.40
7	4	40	4.80	8	4	40	4.80	9	3	30	3.60
								10	1	20	2.40
	TOTAL	120.0	14.40		TOTAL	120.0	14.40		TOTAL	100.0	12.00

TREE OUTLET (120V) CKTS. 1 - 9 = 10 AMPS
TREE OUTLET (120V) CKT. 10 = 20 AMPS

CITY SQUARE ALLEY
CITY SQUARE PATH
CHICAGO STREET
VAN BUREN STREET
RIALTO ALLEY
CLINTON STREET

TREE OUTLET 15 AMPS, CKT. 1
TREE OUTLET 15 AMPS, CKT. 2
TREE OUTLET 15 AMPS, CKT. 3
TREE OUTLET 15 AMPS, CKT. 4
TREE OUTLET 15 AMPS, CKT. 5
TREE OUTLET 15 AMPS, CKT. 6
TREE OUTLET 15 AMPS, CKT. 7
TREE OUTLET 15 AMPS, CKT. 8
TREE OUTLET 15 AMPS, CKT. 9
TREE OUTLET 20 AMPS, CKT. 10
PR CONTROLLER 3
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
2-1C NO.6, 1/C NO.6 GROUND
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
FLEXIBLE CORD, 3#10 AWG (TYPE SOOW)

93 94 95+00 96 14 15+00 16 17 18
51 52 71 72 112 113 114

CITY SQUARE - PROPOSED TREE OUTLET WIRING DIAGRAM

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\3679-sht-lgt15R.dgn

CIVILTECH

USER NAME = untitled	DESIGNED - SJC	REVISED 1 - ADD. 1 - 5/30/2024
	DRAWN - SJC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

PROPOSED TREE OUTLET WIRING DIAGRAM
CITY SQUARE

SCALE: NTS | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	175
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

NOTES FOR CONTROL CABINET:

THE CABINET SHALL BE FABRICATED FROM 0.125" THICK ALUMINUM ALLOY SHEET AND SHALL BE REINFORCED WITH ALUMINUM ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.

CONTROL WIRING SHALL BE NO. 12 AWG., 600V, TYPE 'SIS' GRAY SWITCHBOARD WIRE, STRANDED COPPER.

THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS CONNECTION AND GREEN FOR GROUND BUS CONNECTORS.

PROVIDE SEALING GROMMETS FOR ALL WIRING EXTENDING FROM DEVICE ENCLOSURES.

ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL 'ENCLOSED INDUSTRIAL CONTROL PANEL'.

PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. FURNISH THE APPROVED COPY OF 'CONTROL CABINET WIRING DIAGRAM'.

A CONCRETE PAD 36" X 60" X 4" MINIMUM SIZE SHALL BE PLACED IN FRONT OF CONTROLLER CABINET DOOR WHEN THERE IS NO SIDEWALK. THE PAD SHALL BE POURED SEPARATELY FROM THE FOUNDATION AND INCLUDE A PREFORMED EXPANSION JOINT FILLER.
THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.

CONTROLLER CABINET PAINTING NOTE:
THE CABINET SHALL BE PRIMED AND PAINTED BLACK. A SAMPLE SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE COST OF PAINTING THE CABINET SHALL BE INCLUDED IN THE COSTS OF MATERIAL AND INSTALLATION OF STREET LIGHTING CONTROLLER.

PROVIDE A RED WARNING NAMEPLATE IN THE CONTROLLER NEAR THE MAIN BREAKER INDICATING "LIVE CIRCUITS EVEN WHEN MAIN CIRCUIT BREAKER IS IN OFF POSITION".

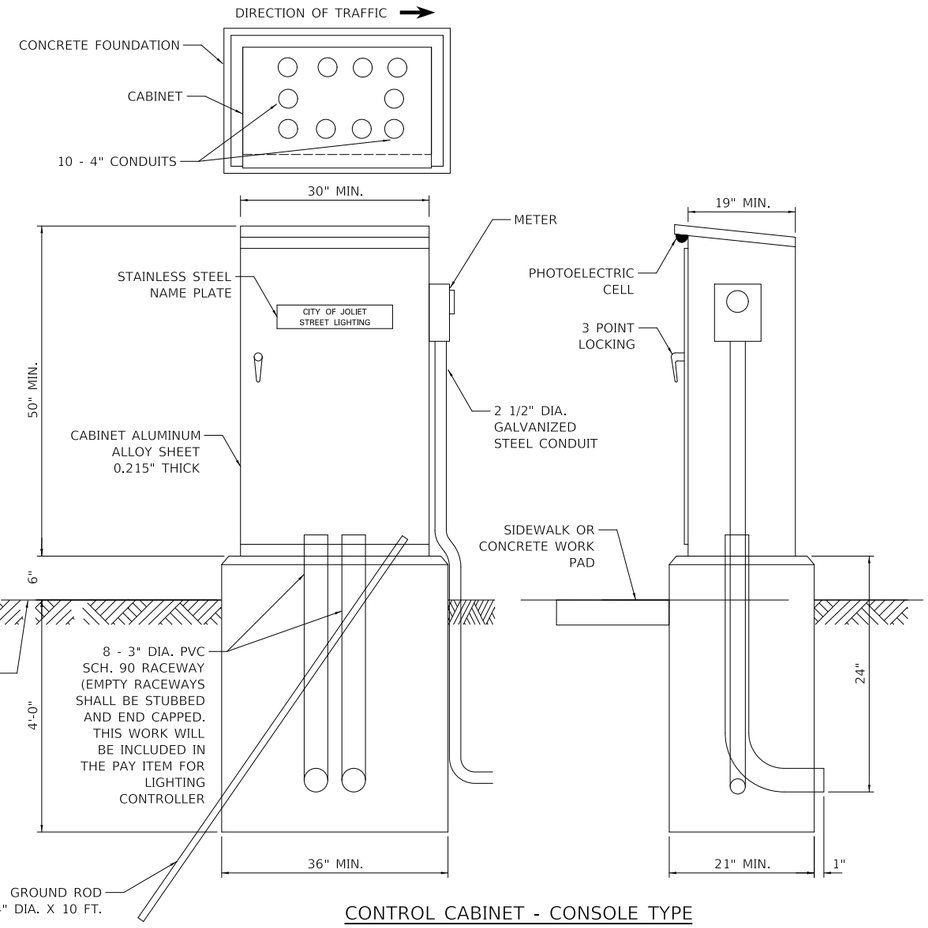
THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY.

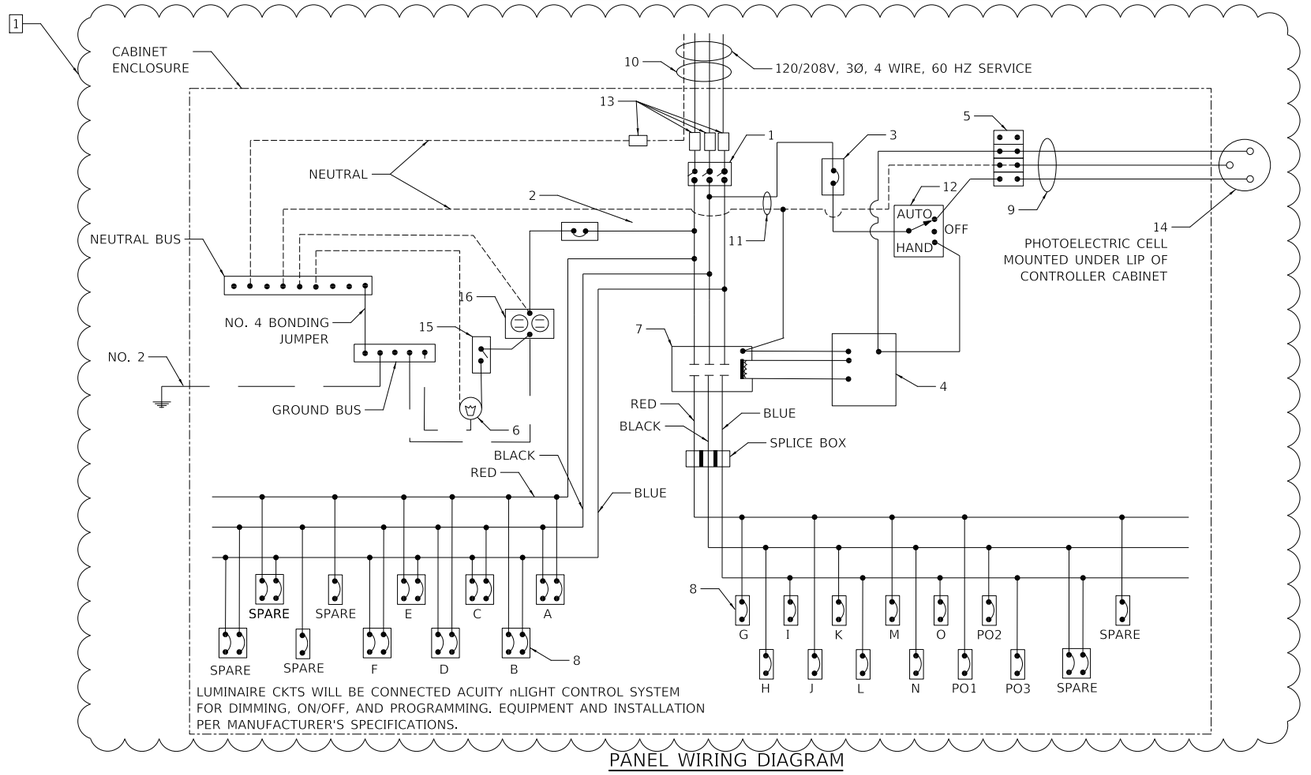
THE ELECTRIC METER SHALL BE MOUNTED ON THE HINGE SIDE OF THE DOOR.

PROPOSED LIGHTING CONTROLLER COMPONENT SCHEDULE

ITEM	SPECIFICATION OR EQUAL
(1) MAIN CIRCUIT BREAKER	200 AMPERE, 3 POLE, 208 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 25,000 RMS SYMMETRICAL AMPS AT 600V
(2) OUTLET CIRCUIT BREAKER	20 AMPERE, 1 POLE, 120 VOLT
(3) PHOTOELECTRIC CELL CONTROL CIRCUIT BREAKER	15 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 10,000 RMS SYMMETRICAL AMPS
(4) AUXILIARY RELAY	120 VOLT SPST 60 HZ COIL
(5) FOUR POINT TERMINAL BLOCK	600 VOLT
(6) LAMPHOLDER	800 LUMEN LED LIGHT FIXTURE VAPORTIGHT WITH GLOBE, GUARD AND MOUNTING BOX
(7) REMOTE CONTROL SWITCH - CONTACTOR	200 AMPERE, 3 POLE, 208 VOLT RATING, 120V COIL SQUARE D ELECTRICALLY OPERATED, ELECTRICALLY HELD LIGHTING CONTACTOR
(8) BRANCH LINE CIRCUIT BREAKERS	LUMINAIRE CKTS. A - F = 20 AMP, 2 POLE, 208 VOLT RATING FESTOON LIGHTING CKTS. G - J = 20 AMP, 1 POLE, 120 VOLT RATING TREE LIGHT CKS. K = 20 AMPS, 1 POLE, 120 VOLT RATING FOUNTAIN LIGHTS CKTS. L - N = 20 AMPS, 1 POLE, 120 VOLT RATING TIER SEAT LIGHTING CKTS. O = 20 AMPS, 1 POLE, 120 VOLT RATING LIGHT POLE OUTLET CKTS. PO1 - PO3 = 30 AMPS, 1 POLE, 120 VOLT RATING SPARE CKTS. = 30 AMPS 1 POLE AT 120 VOLT OR 2 POLES AT 208 VOLT RATING ALL CIRCUITS SHALL BE INTERRUPTING CAPACITY NOT LESS THAN 10,000 RMS SYMMETRICAL AMPS
(9) PHOTOELECTRIC CELL CONTROL WIRE	3-600V XLP NO. 10
(10) SERVICE CABLES	4-600V (XLP-TYPE USE) NO. 3/0
(11) CONTROL WIRE	2-600V XLP NO. 10
(12) HAND-AUTO-OFF CONTROL SWITCH	10 AMPERE, 3 POLE, 120 VOLT.
(13) LIGHTING ARRESTOR	BRACKET MOUNTED SURGE ARRESTOR FOR 120/208V 4W SERVICE
(14) PHOTOELECTRIC CELL	120 V, MOUNTED UNDER LIP OF CONTROLLER CABINET
(15) MICRO SWITCH	MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN
(16) OUTLET	120 VOLT, 20 AMP, GFCI RECEPTACLE, SPECIFICATION GRADE IN NEMA 5-15R WEATHERPROOF BOX WITH FLAP-TYPE COVER.



CONTROL CABINET - CONSOLE TYPE



PANEL WIRING DIAGRAM

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\16-Lighting\3679-sht-lgt22.dgn

CIVILTECH	USER NAME = untitled	DESIGNED - SJC	REVISED 1 - ADD. 1 - 5/30/2024
		DRAWN - SJC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - DNM	REVISED -
	PLOT DATE = 5/31/2024	DATE -	REVISED -

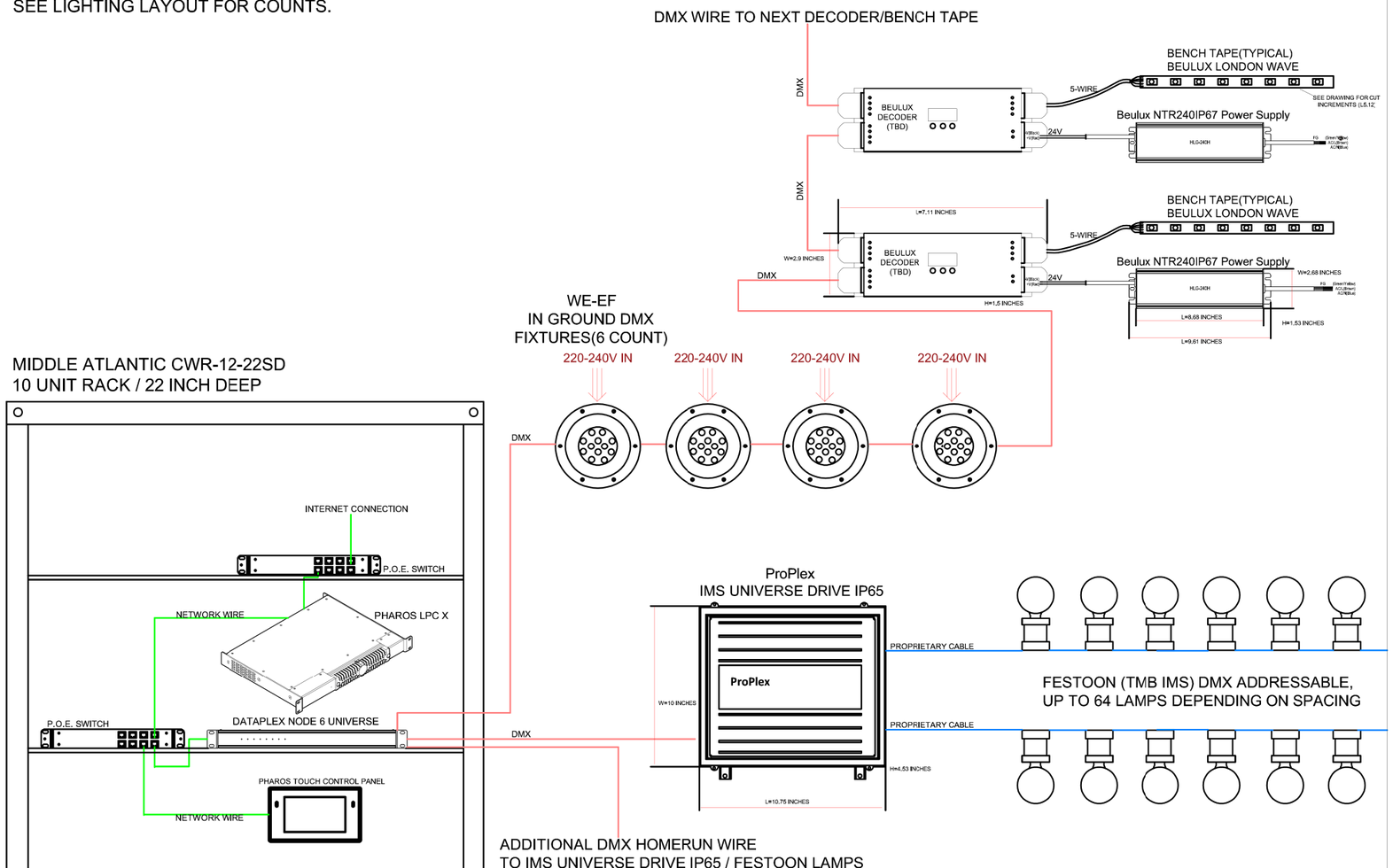
CITY OF JOLIET

LIGHTING DETAIL
LIGHTING CONTROLLER 4 - CITY SQUARE LIGHTS

SCALE: NTS | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	182
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

NOT ALL QUANTITIES SHOWN IN THIS ONE LINE.
SEE LIGHTING LAYOUT FOR COUNTS.



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3679-sht-lgt23A.dgn

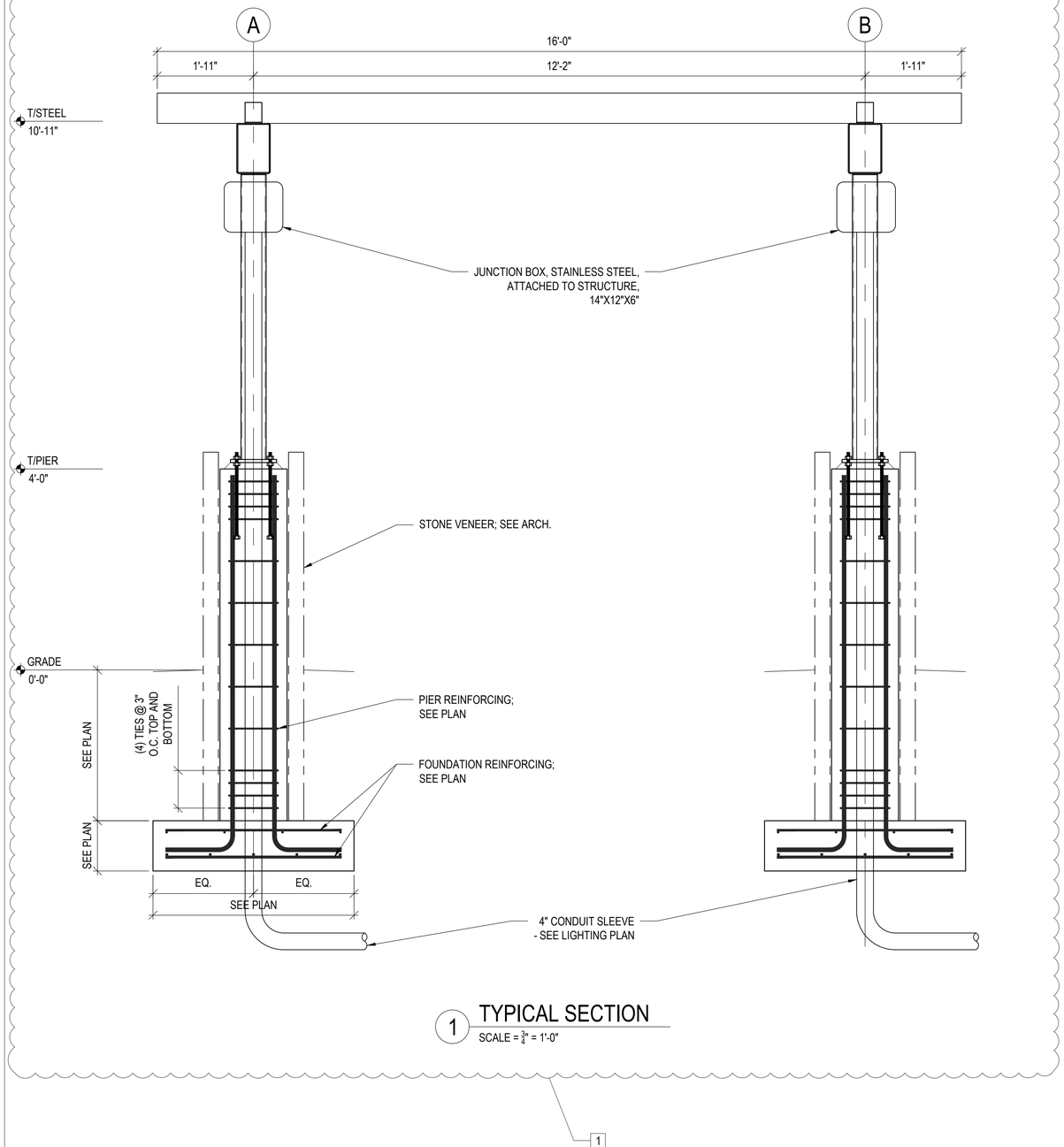
CIVILTECH	USER NAME = untitled	DESIGNED - SJC	REVISED -
		DRAWN - SJC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - DNM	REVISED -
	PLOT DATE = 5/31/2024	DATE -	REVISED -

CITY OF JOLIET

LIGHTING DETAIL
DMX ONELINE DIAGRAM

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

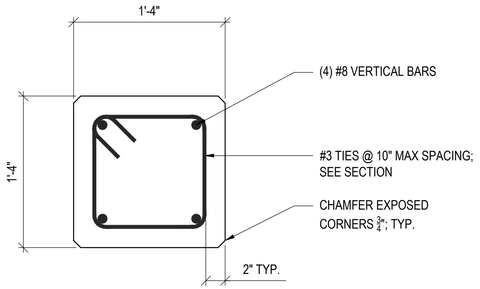
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SRT1		WILL	224	183A
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



1 TYPICAL SECTION

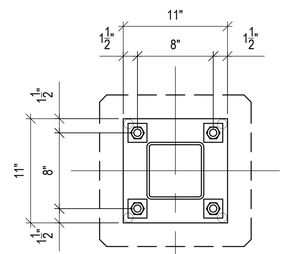
SCALE = $\frac{3}{4}$" = 1'-0"

1



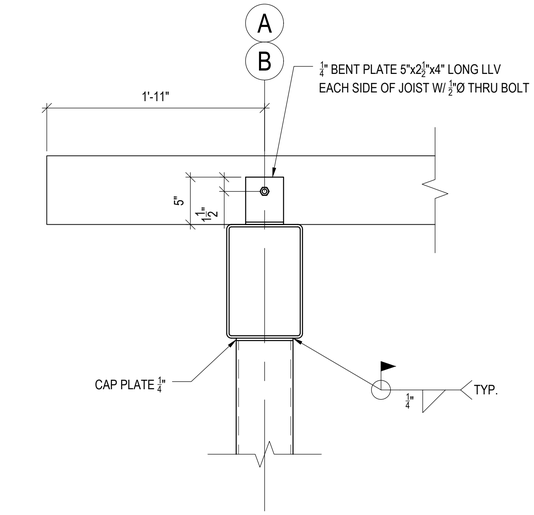
2 TYPICAL PIER SECTION

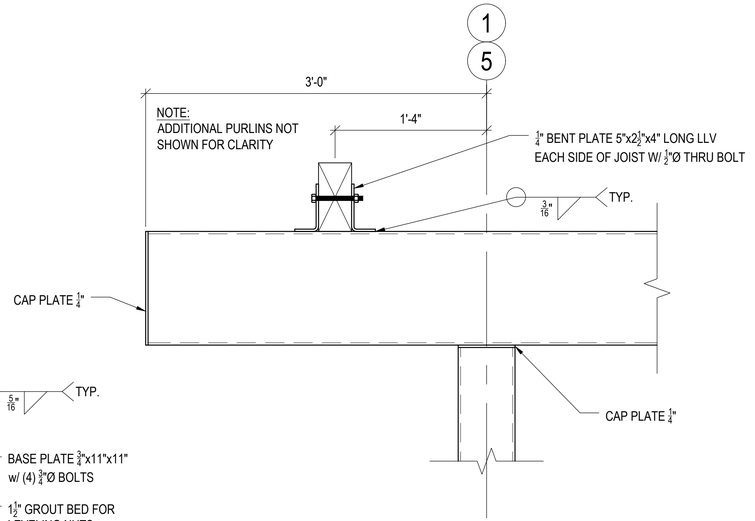
SCALE = $1\frac{1}{2}$" = 1'-0"



3 TYPICAL BASEPLATE SECTION

SCALE = $1\frac{1}{2}$" = 1'-0"





4 TYPICAL CAP PLATE CONNECTION DETAIL

SCALE = $1\frac{1}{2}$" = 1'-0"

DRAWN: ICM	REVISED BY	DATE	DESCRIPTION
CHECKED: GJH	JDM	5/30/2024	1 - ADDENDUM 1 - 05/30/2024
APPROVED: GJH			
DATE: 03/29/2024			

CIVILTECH
30 N LaSalle St, Suite 2624 - Chicago, Illinois 60602
Tel: 312.726.5910 - Fax: 312.726.5911
www.civiltechinc.com

CITY OF JOLIET

CITY SQUARE AND CHICAGO STREET IMPROVEMENTS

SHADE STRUCTURE SECTIONS AND DETAILS

SCALE: | SECTION NO. _____ | PROJECT NO. _____

DRAWING NO. S-10

SHEET NO. 196