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SIDEWALK TRIP HAZARD
REPAIR SUMMARY (PHASE III)





Presented to: Mike Gunn, City Manager November 2018



Commitment Summary



COST SAVINGS

We'll repair your sidewalks for 50-90% less than sidewalk replacement, meaning you can do more for your city for less.



A.D.A. COMPLIANCE

Patented technology that helps bring sidewalks into ADA compliance.



CLEAN

Our patented containment system captures dust and debris to bring you the cleanest process available.



SAFE

Decrease liability on your pedestrian walkways.



DETAILED RISK ASSESSMENT

Our clients often report a cost savings on insurance premiums by reducing their liability and risk of trip and fall accidents.



LOW IMPACT

Efficient systems with an average removal time of 20 minutes, no sidewalk closures.



FULL SERVICE CONTRACTOR

Complete GIS integration, mapping, etc.



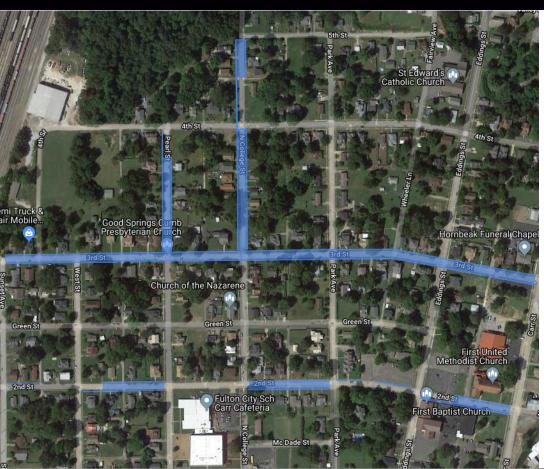
ENVIRONMENTAL IMPACT EXAMPLE: As a member of the U.S. Green Building Council (USGBC) we are proud of the fact that we reduce the impact to landfills and the environment as a result of our service.

Removing and replacing 100 panels would result in approximately 118,500 pounds or 59 tons of concrete being removed (average panel weight of 1185 pounds).

Using Precision Concrete Cutting for 100 trip hazards results in 0.3 tons of concrete removed and recycled, approximately 141 gallons of gasoline saved, and a reduction of 1.3 metric tons of Co2.



Overall Phase III Achieved Goals / Statistics



This proposal depicts the repairing of uneven sidewalks for the City of Fulton. The footprint area is highlighted in BLUE.

PROJECT GOALS & STATISTICS

- Extended the usable life of the City of Fulton's concrete assets & walkways.
- Constructed a sidewalk inventory within designated footprint.
- Eliminated trip hazards within high foot-traffic and rightof-way walks.
- Identified panels in need of demolish and replace within designated footprint.
- 220 hazards total identified (153 hazards repaired through PCC methods).
- 600.50 linear feet of trip hazards repaired through PCC methods.
- Overall Average Max Hazard Height: 0.506".
- Estimated savings of a total of 90.27 tons of concrete through PCC Methodology



620 2nd St to 498 2nd St



c : Cracking

: Utility

M: Missing : Spalling

H: Heaving

Tree Damage

Overgrown

: Multiple

: 1/2" to 2"



498 2nd St to 212 2nd St



c : Cracking

Spalling

Utility

M: Missing
H: Heaving

Tree Damage

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: Multiple

: ½" to 2"



212 2nd St to Int of 2nd St & Carr St



c : Cracking

Spalling : Heaving

: Utility

: Missing

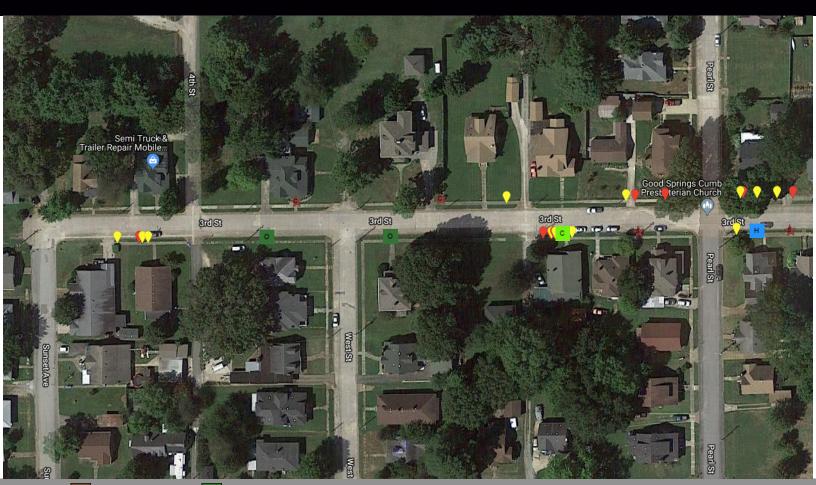
Tree Damage

Overgrown

m: Multiple : ½" to 2"



Int of Sunset Ave & 3rd St to 410 3rd St



c : Cracking

: Missing

Overgrown

S : Spalling

H: Heaving

Tree Damage

: Multiple : ½" to 2"



410 3rd St to 208 3rd St



c : Cracking

M: Missing
H: Heaving

Overgrown

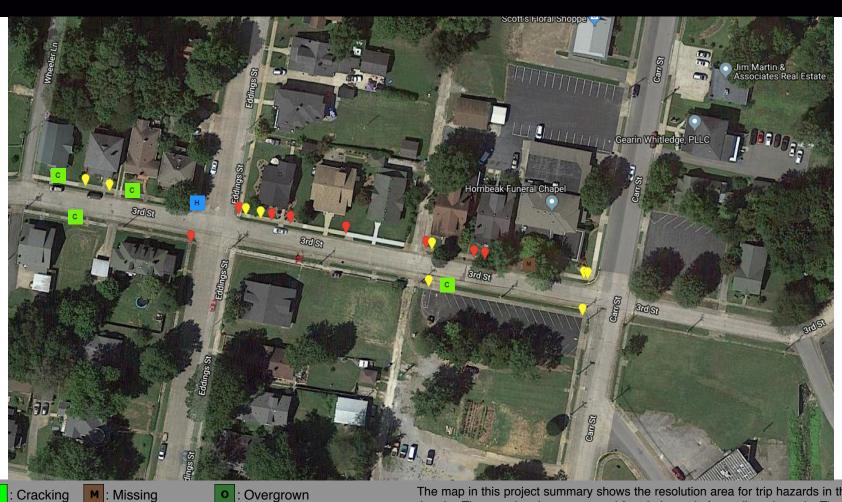
s: Spalling U: Utility

T: Tree Damage

: Multiple



208 3rd St to Int of 3rd St & Carr St



c : Cracking

Spalling

Missing

H: Heaving

u : Utility

Tree Damage

: Multiple : ½" to 2"



N College St





Spalling

g M: Missing

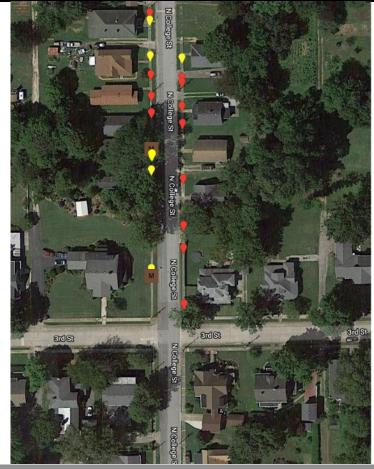
H: Heaving

: Utility T: Tree Damage

• : Overgrown

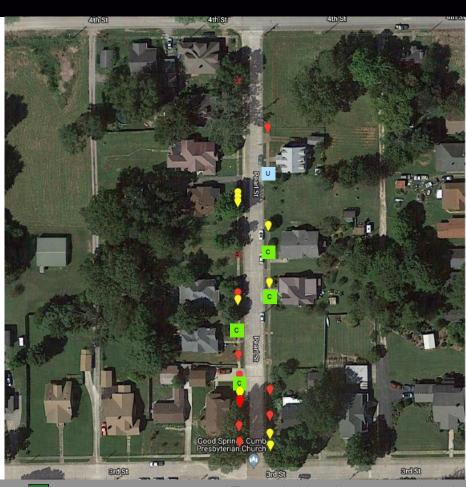
m: Multiple

: ½" to 2"





Pearl St



c : Cracking

Spalling

: Missing

H: Heaving

: Utility Tree Damage

Overgrown

m: Multiple
: 1/2" to 2"



				Repair / Observation List	
No.	Size	Size	Lineal Fed		Inch Feet / Observation
1	0.000	0.000		200 Carr St on 2nd St	Cracking
2	0.000	0.000		200 Carr St on 2nd St	Cracking
3	0.625	0.000	11.00	Across from 203 Edding St on 2nd St	3.44
4	0.250	0.000	2.50	Across from 203 Edding St on 2nd St	0.31
5	0.750	0.000	2.50	Across from 203 Edding St on 2nd St	0.94
6	0.875	0.000	5.00	Across from 203 Edding St on 2nd St	2.19
7	0.250	0.000	1.00	Across from 203 Edding St on 2nd St	0.13
8	0.250	0.000	5.00	Across from 203 Edding St on 2nd St	0.63
9	0.250	0.000	5.00	Across from 203 Edding St on 2nd St	0.63
10	0.750	0.000	7.00	Across from 203 Edding St on 2nd St	2.63
11	0.000	0.000		Across from 203 Edding St on 2nd St	Missing
12	0.750	0.000	5.00	Across from 203 Edding St on 2nd St	1.88
13	0.375	0.000	5.00	218 2nd St	0.94
14	0.000	0.000		218 2nd St multi-panel	Missing
15	0.250	0.000	2.00	218 2nd St	0.25
16	0.250	0.000	5.00	218 2nd St	0.63
17	0.250	0.000	2.75	218 2nd St	0.34
18	0.875	0.000	5.00	218 2nd St	2.19
19	0.375	0.000	5.00	218 2nd St	0.94
20	0.875	0.625	5.00	218 2nd St	3.75
21	0.250	0.000	2.25	200 Park St on 2nd St	0.28
22	0.000	0.000		200 Park St on 2nd St multi-panel	Cracking
23	0.375	0.000	4.00	306 2nd St	0.75
24	0.250	0.000	1.50	306 2nd St	0.19
25	0.000	0.000		306 2nd St	Overgrown



				Repair / Observation List	
No.	Size	Size	Lineal Fee	et Location	Inch Feet / Observation
26	0.000	0.000		308 2nd St multi-panel	Missing
27	0.000	0.000		308 2nd St	Heaving
28	0.875	0.000	5.00	310 2nd St	2.19
29	0.000	0.000		310 2nd St	Missing
30	0.375	0.000	2.50	312 2nd St	0.47
31	0.250	0.000	4.50	312 2nd St	0.56
32	0.500	0.000	5.00	402 2nd St	1.25
33	0.000	0.000		402 2nd St	Spalling
34	0.250	0.000	4.00	402 2nd St	0.50
35	0.000	0.000		402 2nd St multi-panel	Missing
36	0.750	0.000	4.00	402 2nd St	1.50
37	0.000	0.000		406 2nd St	Overgrown
38	0.500	0.250	5.00	500 2nd St	1.88
39	0.000	0.000		500 2nd St multi-panel	Missing
40	0.500	0.375	8.00	506 2nd St	3.50
41	0.625	0.250	5.00	508 2nd St	2.19
42	0.750	0.000	1.50	616 2nd St	0.56
43	0.250	0.000	2.25	616 2nd St	0.28
44	0.500	0.375	4.50	616 2nd St	1.97
45	0.000	0.000		616 2nd St	Heaving
46	0.250	0.000	2.25	618 2nd St	0.28
47	0.500	0.375	4.00	620 2nd St	1.75
48	0.000	0.000		620 2nd St multi-panel	Overgrown
49	0.250	0.000	3.25	513 2nd St	0.41
50	0.375	0.000	5.00	513 2nd St	0.94



				Repair / Observation List	
No.	Size	Size	Lineal Fee		Inch Feet / Observation
51	0.000	0.000		513 2nd St	Missing
52	0.000	0.000		511 2nd St	Missing
53	0.250	0.250	5.00	511 2nd St	1.25
54	0.000	0.000		509 2nd St	Cracking
55	0.000	0.000		118 Pearl St on 2nd St multi-panel	Missing
56	0.375	0.375	5.00	118 Pearl St on 2nd St	1.88
57	0.375	0.250	5.00	118 Pearl St on 2nd St	1.56
58	0.000	0.000		311 2nd St multi-panel	Cracking
59	0.375	0.000	5.00	307 2nd St	0.94
60	0.250	0.000	5.00	307 2nd St	0.63
61	0.375	0.000	5.00	307 2nd St	0.94
62	0.750	0.000	9.00	307 2nd St	3.38
63	0.000	0.000		303 2nd St multi-panel	Cracking
64	0.500	0.250	5.00	303 2nd St	1.88
65	0.000	0.000		301 2nd St multi-panel	Overgrown
66	0.375	0.000	4.50	First Baptist Church	0.84
67	0.000	0.000		First Baptist Church	Utility
68	0.250	0.250	6.00	Entrance to First Baptist Church	1.50
69	0.250	0.000	7.00	Entrance to First Baptist Church	0.88
70	0.000	0.000		Entrance to First Baptist Church multi-panel	Spalling
71	0.000	0.000		Entrance to First Baptist Church multi-panel	Missing
72	0.250	0.000	2.00	Entrance to First Baptist Church play yard	0.25
73	0.375	0.000	4.00	305 Sunset Dr on 3rd St	0.75
74	0.500	0.000	4.00	609 3rd St	1.00
75	0.250	0.000	2.50	609 3rd St	0.31



				Repair / Observation List	
No.	Size	Size	Lineal Fe		Inch Feet / Observation
76	0.250	0.000	1.50	609 3rd St	0.19
77	0.000	0.000		308 West st on 3rd St multi-panel	Overgrown
78	0.000	0.000		515 3rd St multi-panel	Overgrown
79	1.125	0.250	4.25	507 3rd St	2.92
80	0.750	0.250	4.25	507 3rd St	2.13
81	0.375	0.000	5.00	507 3rd St	0.94
82	0.875	0.000	5.00	507 3rd St	2.19
83	0.250	0.000	1.50	507 3rd St	0.19
84	0.000	0.000		507 3rd St	Cracking
85	0.375	0.000	2.50	507 3rd St	0.47
86	0.000	0.000		507 3rd St multi-panel	Cracking, Missing
87	0.375	0.000	5.00	411 3rd St	0.94
88	0.000	0.000		411 3rd St	Heaving
89	0.000	0.000		411 3rd St multi-panel	Cracking, Missing
90	0.000	0.000		411 3rd St multi-panel	Cracking
91	0.375	0.250	5.00	411 3rd St	1.56
92	0.375	0.250	6.00	401 3rd St	1.88
93	0.000	0.000		401 3rd St multi-panel	Cracking, Missing
94	0.000	0.000		313 3rd St	Missing
95	0.625	0.000	5.00	313 3rd St	1.56
96	0.250	0.000	1.50	313 3rd St	0.19
97	0.250	0.000	1.00	313 3rd St	0.13
98	0.250	0.000	1.00	309 3rd St	0.13
99	0.500	0.000	1.50	309 3rd St	0.38
100	0.250	0.000	1.25	309 3rd St	0.16



				Repair / Observation List	
No.	Size	Size	Lineal Fe		Inch Feet / Observation
101	0.375	0.000	3.00	309 3rd St	6.38
102	0.250	0.000	2.25	309 3rd St	0.28
103	0.000	0.000		309 3rd St	Missing
104	0.375	0.000	5.00	305 3rd St	0.94
105	0.000	0.000		305 3rd St multi-panel	Cracking
106	0.000	0.000		219 3rd St multi-panel	Heaving
107	0.000	0.000		208 3rd St multi-panel	Cracking
108	1.125	0.250	12.00	201 3rd St	8.25
109	0.000	0.000		308 Eddings St on 3rd St multi-panel	Heaving, Cracking, Missing
110	0.250	0.000	2.25	Across from 108 3rd St	0.28
111	0.000	0.000		Across from 108 3rd St	Cracking
112	0.375	0.000	2.50	Across from 302 Carr St on 3rd St	0.47
113	0.250	0.000	2.50	302 Carr St on 3rd St	0.31
114	0.375	0.250	5.00	302 Carr St on 3rd St	1.56
115	0.000	0.000		302 Carr St on 3rd St	Missing
116	0.500	0.000	4.25	106 3rd St	1.06
117	0.500	0.250	4.25	106 3rd St	1.59
118	0.250	0.000	3.00	108 3rd St	0.38
119	0.750	0.375	5.00	108 3rd St	2.81
120	0.625	0.000	4.00	112 3rd St	1.25
121	0.500	0.000	5.00	116 3rd St	1.25
122	0.750	0.375	5.00	116 3rd St	2.81
123	0.375	0.000	2.50	116 3rd St	0.47
124	0.250	0.000	1.00	116 3rd St	0.13
125	0.625	0.625	5.00	116 3rd St	3.13



No.	Size	Size	Lineal Fe	Repair / Observation List	Inch Feet / Observation
126	0.000	0.000		200 3rd St multi-panel	Heaving
127	0.000	0.000		202 3rd St multi-panel	Cracking
128	0.250	0.250	5.00	204 3rd St	1.25
129	0.250	0.000	2.50	204 3rd St	0.31
130	0.000	0.000		206 3rd St multi-panel	Cracking
131	0.000	0.000		208 3rd St multi-panel	Cracking
132	0.250	0.250	5.00	214 3rd St	1.25
133	0.250	0.000	1.50	214 3rd St	0.19
134	0.375	0.000	5.00	214 3rd St	0.94
135	0.750	0.000	7.00	214 3rd St	2.63
136	0.000	0.000		300 3rd St	Overgrown
137	0.375	0.000	5.00	304 3rd St	0.94
138	0.500	0.000	2.00	304 3rd St	0.50
139	0.500	0.000	5.00	308 3rd St	1.25
140	0.000	0.000		308 3rd St	Cracking
141	0.000	0.000		313 3rd St	Cracking
142	0.500	0.000	6.00	400 3rd St	1.50
143	0.000	0.000		400 3rd St	Cracking
144	0.250	0.000	1.75	400 3rd St	0.22
145	0.250	0.000	1.00	400 3rd St	0.13
146	0.000	0.000		408 3rd St multi-panel	Cracking, Missing
147	0.500	0.000	5.00	408 3rd St	1.25
148	0.500	0.000	5.00	408 3rd St	1.25
149	0.375	0.000	3.25	410 3rd St	0.61
150	0.250	0.000	5.00	410 3rd St	0.63



				Repair / Observation List	
No.	Size	Size	Lineal Fe		Inch Feet / Observation
151	0.750	0.000	5.00	410 3rd St	1.88
152	0.375	0.250	5.00	410 3rd St	1.56
153	0.625	0.375	5.00	500 3rd St	2.50
154	0.500	0.250	2.00	508 3rd St	0.75
155	0.250	0.250	2.50	508 3rd St	0.63
156	0.375	0.000	1.00	512 3rd St	0.19
157	0.000	0.000		512 3rd St multi-panel	Heaving, Missing
158	0.000	0.000		600 3rd St multi-panel	Heaving, Cracking, Missing
159	0.000	0.000		400 3rd St on N College St	Missing
160	0.250	0.000	2.50	400 3rd St on N College St	0.31
161	0.375	0.000	1.50	406 N College St	0.28
162	0.250	0.000	1.00	406 N College St	0.13
163	0.000	0.000		406 N College St	Missing
164	1.125	1.000	4.25	408 N College St	4.52
165	1.500	1.375	4.00	410 N College St	5.75
166	1.000	1.000	4.00	412 N College St	4.00
167	0.250	0.000	4.00	412 N College St	0.50
168	0.250	0.000	4.50	414 N College St	0.56
169	1.250	0.000	9.00	414 N College St	5.63
170	0.875	0.000	3.00	416 N College St	1.31
171	0.000	0.000		Across from 421 N College St multi-panel	Cracking
172	0.625	0.000	5.00	Across from 421 N College St	1.56
173	0.250	0.000	2.50	Across from 421 N College St	0.31
174	0.000	0.000		508 N College St multi-panel	Overgrown
175	0.000	0.000		513 N College St	Heaving



				Repair / Observation List	
No.	Size	Size	Lineal Fed		Inch Feet / Observation
176	0.500	0.000	2.75	513 N College St	0.69
177	1.250	0.000	4.00	513 N College St	2.50
178	0.000	0.000		513 N College St	Missing
179	0.875	0.250	4.00	513 N College St	2.25
180	0.625	0.500	5.00	513 N College St	2.81
181	0.625	0.625	4.00	513 N College St	2.50
182	0.000	0.000		513 N College St	Overgrown
183	0.250	0.000	2.00	511 N College St	0.25
184	0.250	0.000	1.50	511 N College St	0.19
185	0.375	0.000	2.50	509 N College St	0.47
186	0.000	0.000		421 N College St	Cracking
187	0.250	0.000	2.50	415 N College St	0.31
188	0.875	0.750	5.00	415 N College St	4.06
189	0.750	0.625	5.00	411 N College St	3.44
190	1.125	0.250	4.50	411 N College St	3.09
191	1.000	0.875	5.00	411 N College St	4.69
192	0.625	0.000	5.00	407 N College St	1.56
193	0.500	0.000	3.25	407 N College St	0.81
194	0.500	0.000	2.50	312 3rd St on N College St	0.63
195	0.750	0.000	4.00	312 3rd St on N College St	1.50
196	0.750	0.000	4.00	500 3rd St on Pearl S	1.50
197	1.625	1.250	5.00	500 3rd St on Pearl S	7.19
198	0.875	0.250	6.50	500 3rd St on Pearl St	3.66
199	0.375	0.000	2.50	500 3rd St on Pearl St	0.47
200	0.000	0.000		500 3rd St on Pearl St	Cracking



				Repair / Observation List	
No.	Size	Size	Lineal Fed		Inch Feet / Observation
201	1.250	0.000	2.25	500 3rd St on Pearl St	1.41
202	1.250	0.000	5.00	406 Pearl St	3.13
203	0.000	0.000		406 Pearl St	Cracking
204	0.250	0.000	2.25	408 Pearl St	0.28
205	0.750	0.000	3.00	408 Pearl St	1.13
206	0.000	0.000		408 Pearl St	Cracking, Missing
207	0.250	0.000	1.00	414 Pearl St	0.13
208	0.250	0.000	2.25	414 Pearl St	0.28
209	0.250	0.000	1.00	414 Pearl St	0.13
210	0.000	0.000		416 Pearl St	Cracking, Overgrown
211	0.625	0.000	10.00	417 Pearl St	3.13
212	0.000	0.000		417 Pearl St	Utility
213	0.375	0.000	5.00	411 Pearl St	0.94
214	0.000	0.000		411 Pearl St multi-panel	Cracking
215	0.250	0.000	2.00	409 Pearl St	0.25
216	0.000	0.000		409 Pearl St	Cracking
217	1.000	0.000	1.00	410 3rd St on Pearl St	0.50
218	1.000	0.000	3.00	410 3rd St on Pearl St	1.50
219	0.250	0.000	3.00	410 3rd St on Pearl St	0.38
220	0.250	0.000	2.50	410 3rd St on Pearl St	0.31



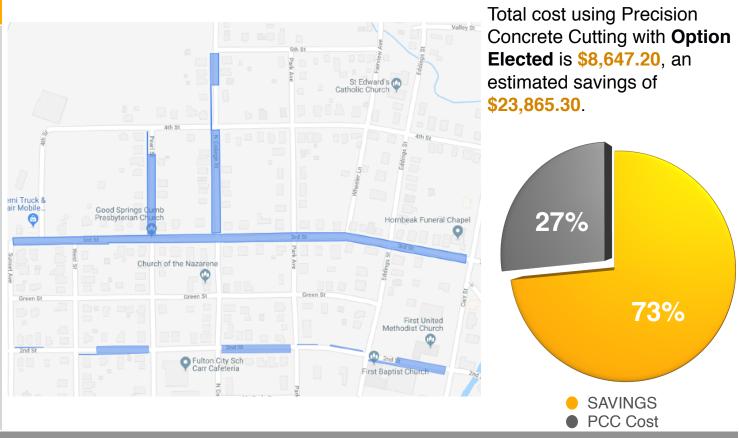
Project Details and Cost Savings Analysis

Based off \$8.50 cost per square foot to remove and replace a sidewalk panel, we estimate the following:

Option Elected

- · 1:12 Ratio Slope
- Complete Clean Up & Recycle
- Dust Abatement System
- Detailed Audit-able Invoice
- All Hazards ½" to 2"
 Repairable by PCC Methods
- **\$18** / Linear Foot
- Active Discounts Applied (Listed Below)
- 1 Price per Hazard Regardless Severity
- Total Project Time: 2 days
- ALL Teardrop Pins ONLY

\$8,647.20



DISCOUNTS

"20% October Discount taken off on cost (already included)