APPENDIX A

CITY OF STOCKTON BENCH MARK ELEVATION ADJUSTMENT AND DATUM COMPARISON

NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
1	11.92	11.48	13.95	4.252
2	14.14	13.74	16.21	4.941
3	14.44	14.01	16.49	5.026
4	17.94	17.49	19.98	6.09
5	16.46	15.96	18.37	5.60
6	DESTROYED	---	---	---
7	14.41	13.73	16.24	4.95
8	15.10	14.43	16.96	5.17
9	13.41	12.74	15.21	4.636
10	13.54	12.81	15.26	4.65
11	11.64	10.91	13.37	4.075
12	11.73	11.02	13.42	4.09
13	11.24	10.60	13.02	3.969
14	10.95	10.35	12.73	3.88
15	RESET	11.60	14.03	4.276
16	14.07	13.31	15.74	4.798
17	30.41	29.72	32.18	9.81
18	17.21	16.55	18.99	5.788
19	11.78	11.17	13.62	4.15
20	13.48	12.86	15.32	4.67
21	13.67	13.06	15.51	4.727
22	12.06	11.45	13.90	4.237
23	11.74	11.14	13.59	4.142
24	10.33	9.71	12.11	3.69
25	10.12	9.52	11.97	3.65
26	RESET	9.90	12.34	3.76
27	14.44	13.46	15.92	4.852
28	RESET	12.17	14.63	4.46
29	RESET	12.06	14.53	4.43
30	12.70	12.08	14.57	4.44
31	11.20	10.59	13.06	3.98
32	11.65	11.04	13.50	4.115
33	12.36	11.73	14.14	4.31
34	DESTROYED	---	---	---
35	12.94	12.17	14.60	4.45
36	13.82	12.97	15.32	4.67
37	22.23	21.40	23.87	7.276
38	20.15	19.21	21.55	6.57
39	19.42	18.49	20.87	6.36
40	19.09	18.16	20.54	6.26

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
41	18.90	18.01	20.37	6.21
42	17.38	16.66	19.09	5.82
43	18.56	17.64	20.11	6.13
44	18.84	17.93	20.40	6.218
45	29.36	28.53	30.87	9.41
46	18.40	17.63	20.11	6.13
47	26.94	26.29	28.75	8.763
48	28.13	27.49	29.95	9.129
49	DESTROYED	---	---	---
50	25.18	24.54	27.01	8.233
51	23.03	22.38	24.85	7.574
52	21.30	20.64	23.11	7.044
53	DESTROYED	---	---	---
54	DESTROYED	---	---	---
55	DESTROYED	---	---	---
56	22.69	22.01	24.46	7.455
57	19.82	19.19	21.64	6.596
58	RESET	18.51	20.96	6.389
59	18.73	18.05	20.51	6.251
60	18.09	17.36	19.82	6.041
61	RESET	17.41	20.09	6.123
62	DESTROYED	---	---	---
63	21.63	20.87	23.34	7.114
64	23.03	22.32	24.81	7.562
65	DESTROYED	---	---	---
66	26.17	25.54	28.03	8.544
67	26.52	25.87	28.33	8.635
68	29.13	28.47	30.93	9.427
69	30.59	29.93	32.38	9.869
70	31.73	31.06	33.51	10.214
71	27.71	27.00	29.47	8.982
72	29.15	28.44	30.91	9.421
73	26.97	26.26	28.73	8.757
74	28.40	27.69	30.16	9.193
75	RESET	28.55	31.02	9.455
76	16.82	16.20	18.65	5.685
77	16.35	15.72	18.17	5.538
78	17.29	16.65	19.10	5.822
79	19.02	18.37	20.83	6.349
80	DESTROYED	---	---	---

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CITY OF STOCKTON BENCH MARK ELEVATION ADJUSTMENT AND DATUM COMPARISON

NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
81	23.12	22.39	24.84	7.571
82	RESET	17.30	19.94	6.078
83	RESET	17.63	20.28	6.181
84	RESET	17.82	20.63	6.288
85	18.99	18.20	20.67	6.300
86	DESTROYED	---	---	---
87	22.17	21.38	23.85	7.270
88	21.87	21.08	23.55	7.178
89	RESET	21.12	23.59	7.190
90	24.43	23.70	26.17	7.977
91	15.72	15.13	17.58	5.358
92	16.64	16.03	18.48	5.633
93	14.91	14.30	16.75	5.105
94	16.58	15.97	18.42	5.614
95	15.55	14.86	17.31	5.276
96	15.34	14.72	17.17	5.233
97	RESET	13.57	15.95	4.862
98	13.33	12.64	15.09	4.599
99	12.41	NOT FOUND	---	---
100	11.14	NOT FOUND	---	---
101	DESTROYED	---	---	---
102	8.22	7.56	10.01	3.051
103	7.48	6.73	9.17	2.795
104	6.66	6.00	8.43	2.569
105	5.65	4.99	7.41	2.259
106	-0.83	-1.49	0.93	0.283
107	-1.91	-2.51	-0.13	-0.040
108	23.13	22.46	24.93	7.599
109	21.53	20.84	23.30	7.102
110	21.90	21.07	23.52	7.169
111	23.26	22.41	24.87	7.580
112	19.88	19.13	21.59	6.581
113	19.51	18.84	21.29	6.489
114	17.32	16.67	19.12	5.828
115	17.24	16.58	19.04	5.803
116	14.02	13.40	15.86	4.834
117	13.87	13.23	15.68	4.78
118	14.76	14.12	16.58	5.054
119	18.68	18.03	20.47	6.24
120	18.88	18.24	20.71	6.312

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
121	17.93	17.30	19.77	6.026
122	N/A	20.41	N/A	N/A
123	RESET	21.07	23.54	7.175
124	22.95	22.20	24.67	7.519
125	20.41	19.64	22.12	6.742
126	DESTROYED	---	---	---
127	15.78	15.07	17.54	5.346
128	21.47	20.74	23.13	7.05
129	24.22	23.51	25.97	7.916
130	25.65	24.81	27.20	8.29
131	28.06	27.43	29.89	9.110
132	37.24	36.48	38.94	11.869
133	DESTROYED	---	---	---
134	30.31	29.62	31.86	9.71
135	31.24	30.28	32.64	9.95
136	25.59	24.68	27.15	8.275
137	26.07	24.81	27.28	8.315
138	23.16	22.06	24.53	7.477
139	21.41	20.35	22.82	6.956
140	22.68	21.81	24.28	7.401
141	RESET	23.42	25.90	7.894
142	21.79	21.03	23.36	7.12
143	25.48	24.84	27.33	8.330
144	27.45	26.78	29.28	8.925
145	30.58	29.88	32.22	9.82
146	DESTROYED	---	---	---
147	29.22	28.54	30.84	9.40
148	RESET	29.94	32.42	9.458
149	26.00	25.33	27.78	8.467
150	25.14	24.47	26.87	8.19
151	24.06	23.39	25.84	7.876
152	RESET	24.39	26.80	8.17
153	DESTROYED	---	---	---
154	DESTROYED	---	---	---
155	DESTROYED	---	---	---
156	RESET	15.21	17.75	5.41
157	8.47	7.92	10.39	3.167
158	11.19	10.68	13.16	4.01
159	6.57	5.91	8.37	2.55
160	2.62	2.07	4.46	1.36

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
161	2.76	2.18	4.65	1.417
162	5.55	5.06	7.51	2.29
163	8.65	8.06	10.53	3.21
164	RESET	13.77	16.24	4.95
165	13.57	12.90	15.35	4.679
166	RESET	19.04	21.49	6.550
167	RESET	18.61	20.96	6.39
168	RESET	21.01	23.42	7.14
169	22.06	21.27	23.62	7.20
170	22.41	21.60	24.06	7.334
171	24.94	24.12	26.54	8.09
172	24.98	24.23	26.64	8.12
173	RESET	---	---	---
174	19.91	19.16	21.59	6.58
175	23.25	22.50	24.90	7.59
176	24.94	24.19	26.57	8.10
177	27.29	26.40	28.81	8.78
178	28.12	27.14	29.53	9.00
179	26.78	25.86	28.25	8.61
180	17.26	16.67	19.16	5.84
181	20.26	19.67	22.18	6.76
182	16.36	15.77	18.27	5.57
183	17.13	16.55	19.00	5.791
184	12.08	11.44	13.90	4.237
185	11.02	10.41	12.86	3.920
186	15.08	14.45	16.90	5.151
187	4.70	4.11	6.55	1.996
188	RESET	4.70	7.16	2.182
189	RESET	28.54	31.02	9.455
190	36.68	35.89	38.39	11.701
191	RESET	29.77	32.22	9.82
192	33.82	33.03	35.37	10.78
193	RESET	38.39	40.58	12.37
194	RESET	40.88	43.21	13.17
195	RESET	42.95	45.39	13.835
196	37.90	37.10	39.54	12.052
197	28.86	28.19	30.64	9.339
198	DESTROYED	---	---	---
199	46.39	45.64	47.97	14.62
200	34.14	33.42	35.86	10.93

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
201	DESTROYED	---	---	---
202	DESTROYED	---	---	---
203	RESET	28.87	---	---
204	22.45	21.72	24.08	7.34
205	24.29	23.56	25.92	7.90
206	25.75	24.96	27.33	8.33
207	24.23	23.41	25.87	7.885
208	19.85	19.06	21.42	6.53
209	22.08	21.38	23.69	7.22
210	RESET	16.23	18.70	5.70
211	18.41	17.73	20.20	6.157
212	16.04	15.36	17.83	5.435
213	16.82	16.20	18.67	5.691
214	7.12	6.51	8.98	2.737
215	RESET	11.80	14.28	4.353
216	-1.72	-2.23	0.25	0.076
217	-2.17	-2.64	-0.16	-0.049
218	-2.31	-2.78	-0.30	-0.091
219	-2.47	-2.97	-0.49	-0.149
220	-2.24	-2.70	-0.26	-0.079
221	9.96	9.28	11.67	3.557
222	12.12	11.34	13.78	4.20
223	0.11	-0.42	1.97	0.60
224	RESET	-0.47	1.94	0.591
225	-0.24	-0.74	1.67	0.509
226	RESET	-1.44	0.97	0.296
227	-0.74	-1.23	1.18	0.360
228	0.71	0.22	2.63	0.802
229	14.73	14.22	16.63	5.07
230	16.29	15.74	18.08	5.51
231	-0.93	-1.43	0.97	0.296
232	2.50	1.96	4.38	1.335
233	4.06	3.53	5.95	1.814
234	6.09	5.59	8.00	2.438
235	RESET	9.50	11.92	3.633
236	9.80	9.26	11.68	3.560
237	RESET	8.33	10.83	3.30
238	8.04	7.39	9.77	2.978
239	RESET	10.61	13.02	3.97
240	8.05	7.43	9.91	3.02

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
241	14.67	14.05	16.42	5.005
242	RESET	4.10	7.07	2.155
243	RESET	5.39	8.29	2.527
244	1.04	0.43	2.82	0.86
245	4.45	3.84	6.27	1.91
246	3.87	3.27	5.71	1.740
247	DESTROYED	---	---	---
248	0.14	-0.39	1.97	0.60
249	0.73	0.11	2.56	0.78
250	DESTROYED	---	---	---
251	N/A	15.77	18.15	5.531
252	13.17	12.51	14.88	4.535
253	2.98	2.39	4.76	1.451
254	1.48	0.87	3.24	0.988
255	2.74	2.13	4.49	1.369
256	4.88	4.27	6.63	2.021
257	4.53	3.94	6.31	1.923
258	4.91	3.92	6.36	1.94
259	3.86	3.32	5.71	1.74
260	5.25	4.71	7.11	2.167
261	6.53	5.99	8.38	2.554
262	7.93	7.39	9.78	2.981
263	21.74	21.21	23.60	7.193
264	15.60	15.06	17.45	5.319
265	8.32	7.79	10.21	3.112
266	20.42	19.73	22.18	6.76
267	17.57	16.83	19.31	5.886
268	14.99	14.28	16.73	5.10
269	19.77	19.09	21.59	6.58
270	18.06	17.36	19.85	6.05
271	RESET	19.34	21.82	6.65
272	18.84	18.15	20.60	6.28
273	11.34	10.69	13.12	4.00
274	8.28	7.66	10.14	3.09
275	12.81	12.31	14.78	4.505
276	RESET	5.05	7.58	2.31
277	RESET	4.58	7.05	2.15
278	8.63	8.21	10.68	3.255
279	DESTROYED	---	---	---
280	12.74	12.30	14.73	4.49

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
281	DESTROYED	---	---	---
282	24.23	23.70	26.18	7.98
283	DESTROYED	---	---	---
284	22.66	22.06	24.64	7.51
285	26.38	25.74	28.18	8.589
286	N/A	19.53	---	---
287	25.44	24.92	27.34	8.333
288	DESTROYED	---	---	---
289	29.30	28.71	31.19	9.507
290	30.42	29.83	29.53	9.00
291	37.78	37.20	39.50	12.04
292	DESTROYED	---	---	---
293	35.96	35.30	37.76	11.509
294	44.46	43.82	46.28	14.106
295	38.33	37.68	39.96	12.18
296	35.71	35.00	37.27	11.36
297	40.19	39.41	41.86	12.759
298	35.07	34.26	36.71	11.189
299	37.74	36.95	39.40	12.009
300	34.99	34.11	36.35	11.08
301	32.86	32.05	34.28	10.45
302	33.02	32.04	34.49	10.513
303	35.67	34.77	37.04	11.29
304	26.93	25.88	28.34	8.638
305	RESET	2.27	4.66	1.42
306	6.46	5.87	8.10	2.47
307	16.78	16.20	18.44	5.62
308	18.55	17.97	20.35	6.203
309	16.24	15.60	17.95	5.47
310	RESET	19.51	22.87	6.971
311	4.32	2.68	5.14	1.567
312	20.77	19.12	21.52	6.56
313	22.18	20.47	22.94	6.992
314	21.47	19.70	22.18	6.76
315	RESET	3.84	7.62	2.323
316	RESET	8.65	11.12	3.39
317	RESET	11.23	13.71	4.18
318	RESET	9.67	12.14	3.700
319	28.92	27.97	30.42	9.272
320	30.47	29.52	31.97	9.744

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
321	31.59	30.85	33.31	10.153
322	35.01	34.28	36.52	11.13
323	39.36	38.65	41.11	12.530
324	42.43	41.70	44.16	13.460
325	43.84	43.12	45.58	13.893
326	48.00	47.29	49.57	15.11
327	44.21	43.54	46.00	14.021
328	43.50	42.82	45.28	13.801
329	36.89	36.18	38.55	11.75
330	34.87	34.15	36.60	11.156
331	33.35	32.63	35.08	10.692
332	32.39	31.65	34.11	10.397
333	47.95	47.20	49.66	15.136
334	30.75	30.01	32.28	9.84
335	30.20	29.48	31.66	9.65
336	33.21	32.49	34.68	10.57
337	42.17	41.47	43.63	13.30
338	44.43	43.74	46.19	14.079
339	42.28	41.60	43.86	13.37
340	N/A	6.86	9.32	2.84
341	N/A	26.63	28.90	8.81
342	N/A	38.84	41.33	12.597
343	N/A	32.08	34.55	10.531
344	N/A	26.53	29.00	8.839
345	N/A	25.14	N/A	---
346	N/A	25.57	N/A	---
347	N/A	42.16	44.61	13.597
348	N/A	33.75	N/A	---
349	N/A	38.18	N/A	---
350	N/A	37.35	N/A	---
351	N/A	46.25	N/A	---
352	N/A	44.84	N/A	---
353	N/A	37.09	N/A	---
354	N/A	32.45	34.90	10.638
355	N/A	34.73	37.18	11.332
356	N/A	22.93	N/A	---
357	N/A	18.58	21.02	6.407
358	N/A	15.29	17.75	5.410
359	N/A	31.80	N/A	---
360	RESET	28.52	N/A	---

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
361	N/A	27.85	N/A	---
362	DESTROYED	---	---	---
363	N/A	27.08	N/A	---
364	N/A	7.05	N/A	---
365	N/A	0.35	2.83	0.863
366	N/A	1.97	N/A	---
367	N/A	3.16	5.63	1.716
368	N/A	3.84	N/A	---
369	N/A	7.57	10.04	3.060
370	N/A	12.60	N/A	---
371	N/A	25.81	N/A	---
372	N/A	24.75	27.17	8.281
373	N/A	28.52	31.01	9.452
374	N/A	35.17	37.63	11.470
375	N/A	13.97	16.42	5.005
376	12.35	11.61	14.08	4.292
379	N/A	13.84	16.17	4.93
386	N/A	22.83	25.23	7.69
396	N/A	22.23	24.54	7.48
397	N/A	14.74	17.16	5.23
398	N/A	11.83	14.27	4.35
399	N/A	2.35	4.86	1.48
400	N/A	5.31	7.81	2.38
401	N/A	7.10	9.65	2.94
402	N/A	28.25	30.71	9.36
403	N/A	26.97	29.40	8.96
404	N/A	26.27	28.71	8.75
405	N/A	2.08	0.33	0.10
406	N/A	38.72	41.11	12.53
407	N/A	31.82	34.28	10.45
408	N/A	31.46	31.43	9.58
409	N/A	32.28	34.71	10.58
410	N/A	28.37	30.81	9.39
411	N/A	24.85	27.26	8.31
412	N/A	22.63	25.03	7.63
413	N/A	22.86	25.26	7.70
415	N/A	31.62	33.99	10.36
416	N/A	N/A	11.94	3.64
417	N/A	14.50	16.96	5.17
418	N/A	28.02	30.48	9.29

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NGVD29 (feet)			NAVD88 (2002 Rev.)	
BM #	NGS 1967 ADJ	COS 1996 ADJ	FEET	METERS
419	N/A	14.48	16.99	5.18
420	N/A	9.26	11.75	3.58
421	N/A	9.27	11.78	3.59
422	N/A	10.08	12.57	3.83
423	N/A	18.36	20.83	6.35
424	N/A	16.25	18.80	5.73
425	N/A	14.17	16.70	5.09
426	N/A	16.81	19.29	5.88
427	N/A	14.57	17.03	5.19
428	N/A	17.90	20.41	6.22
429	N/A	7.13	9.58	2.92
430	N/A	19.14	21.62	6.59
431	N/A	30.52	32.97	10.05
432	N/A	27.65	30.05	9.16
433	N/A	25.02	27.53	8.39
434	N/A	9.19	11.65	3.55
435	N/A	22.37	29.72	9.06
436	N/A	21.58	23.95	7.30
1001	N/A	N/A	12.14	3.70
1002	N/A	N/A	10.89	3.32
1003	N/A	N/A	15.12	4.61
1006	N/A	N/A	27.56	8.40
1008	N/A	N/A	26.31	8.02
1013	N/A	13.11	15.49	4.72
1014	N/A	15.32	17.83	5.435
1015	N/A	15.30	17.79	5.422
1016	N/A	29.90	32.32	9.851
1019	N/A	18.85	21.33	6.50
1031	N/A	18.03	N/A	N/A
1033	N/A	12.95	15.42	4.700
1034	N/A	35.51	37.96	11.57
1035	N/A	30.63	33.04	10.07
1043	N/A	N/A	26.80	8.17
1044	N/A	N/A	22.83	6.96
1045	N/A	N/A	40.62	12.38
1046	N/A	N/A	20.08	6.12
1047	N/A	N/A	16.57	5.05
1048	N/A	N/A	27.85	8.49