



Crashteams - Pasadena

Measurement Data Log

File Number	08-099	Scene Measured By	Jones
Incident Date/Time	29-Feb-2008 06:32 AM	ID Number (measured by)	3478
Incident Location	14th Ave and Main Street	Scene Assisted By	Smith
Date Measured On	29-Feb-2008	ID Number (assisted by)	3675
Weather Description	Foggy	Reference Point Description	sewer cover 123
Road Description	Asphalt - Wet	Secondary Reference Point	Pole number 344232
		Visibility Description	Limited

Point	N	S	E	W	Elev.	Description
1		35.9117		40.9935	2.583867	LLS6
2		43.3512		45.3262	2.744814	LLS6
3		50.5543		49.6223	2.949067	LLS6
4		57.1342		53.1580	3.085493	LLS6
5		65.1766		58.5281	3.278865	LLS6
6		73.2785		63.0047	3.40008	LLS6
7		83.7040		68.2538	3.465984	LLS6
8		112.9612		82.9479	3.931596	LLS6
9		152.1377		100.6829	4.003781	LLS6
10		181.5711		113.0852	3.74103	LLS6
11		195.2315		119.0906	3.861999	LLS6
12		213.7680		127.7138	3.65221	LLS6
13		232.5100		136.0266	3.494996	LLS6
14		255.5206		144.6860	3.372698	LLS6
15		281.7766		154.3480	3.514081	LLS6
16		310.7115		164.9050	3.724705	LLS6
17		342.9482		177.4491	4.23285	LLS6
18		377.2937		191.3729	4.748343	LLS6
19		408.7860		203.6944	5.686541	LLS CE
20		409.6444		201.9601	5.768427	LLS5 CS
21		383.8358		191.8895	5.178564	LLS5
22		356.1757		180.7938	4.558769	LLS5
23		329.3950		170.3067	4.102672	LLS5
24		304.5450		160.6061	3.78424	LLS5
25		279.0177		150.5027	3.525915	LLS5
26		252.4765		140.0909	3.537572	LLS5
27		225.4404		129.2706	3.708127	LLS5
28		209.4665		122.8823	3.79967	LLS5

Point	N	S	E	W	Elev.	Description
28		209.4665		122.8823	3.79967	LLS5
29		192.9302		116.2491	3.894537	LLS5
30		180.3229		111.0270	3.985943	LLS5
31		171.9463		107.6771	4.078481	LLS5
32		161.0615		102.9943	4.057438	LLS5
33		145.5293		96.2731	4.113821	LLS5
34		131.6013		90.0615	4.081427	LLS5
35		117.3565		83.4575	3.947673	LLS5
36		102.3135		76.0517	3.813292	LLS5
37		85.3950		67.5788	3.61787	LLS5
38		70.4073		59.1853	3.357085	LLS5
39		57.9450		52.1520	3.108782	LLS5
40		48.9184		46.7979	2.892304	LLS5
41		35.3553		38.6159	2.583804	LLS5
42		23.4990		31.3714	2.231838	LLS5
43		12.7216		24.2591	1.925604	LLS5
44	0.3472			15.5270	1.467186	LLS5
45	10.2139			8.4465	1.106104	LLS5
46	20.0793			1.0869	0.6734176	LLS5 CE
47	23.3247		16.8596		-0.02846353	LLS4 CS
48	11.3951		7.9465		0.4632134	LLS4
49		8.9331		6.8659	1.286347	LLS4
50		16.6310		12.3234	1.58807	LLS4
51		24.8134		18.0521	1.834683	LLS4
52		34.2379		23.9539	2.136863	LLS4
53		44.0027		29.9114	2.388427	LLS4
54		54.6915		36.2385	2.616919	LLS4
55		64.6108		41.9734	2.844647	LLS4
56		76.3112		48.7036	3.048834	LLS4
57		88.9501		55.7310	3.337946	LLS4
58		98.7652		60.9689	3.477479	LLS4
59		111.3830		67.3991	3.694581	LLS4
60		123.6968		73.1929	3.82087	LLS4
61		139.1130		80.4393	3.802565	LLS4
62		153.0606		86.4281	3.913896	LLS4
63		167.3537		92.7127	3.968588	LLS4
64		185.4394		100.3318	4.017691	LLS4
65		199.8331		106.2556	3.914341	LLS4
66		216.4105		112.9857	3.852842	LLS4
67		235.2815		120.4298	3.862471	LLS4
68		261.4819		130.8531	3.756797	LLS4
69		284.2156		139.8000	3.790016	LLS4
70		311.2393		150.2710	3.964622	LLS4
71		331.0255		157.8949	4.347624	LLS4

Point	N	S	E	W	Elev.	Description
71		331.0255		157.8949	4.347624	LLS4
72		354.0771		166.9264	4.642272	LLS4
73		373.7469		174.6695	5.106512	LLS4
74		404.0780		186.4085	5.782266	LLS4 CE
75		404.2046		185.8468	5.782828	LLS3 CS
76		380.4581		176.3607	5.304503	LLS3
77		358.1414		167.9605	4.831133	LLS3
78		333.7755		158.3990	4.376017	LLS3
79		311.7946		149.7644	3.92928	LLS3
80		290.5329		141.4060	3.798984	LLS3
81		266.0373		131.8467	3.741457	LLS3
82		244.0646		123.2384	3.770088	LLS3
83		221.9867		114.3538	3.896124	LLS3
84		200.2232		105.5632	3.871893	LLS3
85		177.9347		96.5079	3.941658	LLS3
86		161.0140		89.2137	3.946942	LLS3
87		146.1687		82.6814	3.970596	LLS3
88		132.7041		76.7738	3.833133	LLS3
89		118.6009		70.1412	3.729149	LLS3
90		107.1514		64.3102	3.574376	LLS3
91		92.3001		56.5923	3.349932	LLS3
92		80.3698		50.1032	3.133982	LLS3
93		68.1948		43.2791	2.875392	LLS3
94		55.2347		35.7774	2.57895	LLS3
95		42.6993		28.1609	2.274725	LLS3
96		30.7277		20.8732	1.989397	LLS3
97		20.1555		13.8279	1.672418	LLS3
98		14.1162		9.4776	1.39688	LLS3
99	11.9264		9.1864		0.4179453	LLS3
100	23.2045		17.6593		-0.06927031	LLS3 CE
101	36.9425		11.3272		-0.02528998	LLS10 CS
102	36.9233		11.2530		-0.0252638	LLS10
103	47.6125		19.2002		-0.45026	LLS10
104	58.3779		27.6478		-0.8834787	LLS10
105	68.1957		35.3414		-1.281485	LLS10
106	79.4283		44.2551		-1.647079	LLS10
107	89.0657		52.4096		-1.95719	LLS10
108	98.9830		60.8273		-2.20146	LLS10
109	109.6405		70.1016		-2.522081	LLS10
110	124.1074		83.4133		-2.787792	LLS10
111	135.0805		94.2539		-2.954958	LLS10
112	148.0894		107.3959		-3.165583	LLS10
113	162.3641		122.0025		-3.318482	LLS10
114	174.8621		135.8190		-3.482515	LLS10

Point	N	S	E	W	Elev.	Description
114	174.8621		135.8190		-3.482515	LLS10
115	187.4522		149.9553		-3.673243	LLS10
116	201.9095		166.2294		-3.739441	LLS10
117	215.5468		182.0402		-3.901271	LLS10
118	228.5621		197.6281		-3.902672	LLS10
119	258.0551		232.9616		-4.224033	LLS10
120	279.4166		259.0926		-4.397013	LLS10
121	298.0757		282.3528		-4.488791	LLS10
122	323.3405		313.3995		-4.4493	LLS10
123	343.9457		338.9004		-4.576676	LLS10
124	362.5207		360.9598		-4.623237	LLS10
125	373.3210		373.7774		-4.774151	LLS10
126	388.8547		391.2184		-4.98489	LLS10 CE
127	390.6357		389.6634		-5.235096	LLS11 CS
128	373.1997		369.6164		-4.981168	LLS11
129	341.7804		332.4475		-4.70192	LLS11
130	328.1224		314.2827		-4.819865	LLS11
131	315.3217		298.0836		-4.718708	LLS11
132	301.4319		282.1710		-4.610282	LLS11
133	288.6779		266.1305		-4.637249	LLS11
134	275.1744		250.0482		-4.461666	LLS11
135	264.5182		236.5689		-4.389125	LLS11
136	252.4133		220.8522		-4.291307	LLS11
137	241.3574		207.7773		-4.173658	LLS11
138	228.4309		192.0445		-4.074523	LLS11
139	217.5448		178.2910		-4.033895	LLS11
140	207.8594		167.1548		-3.826725	LLS11
141	199.7817		157.6821		-3.773546	LLS11
142	190.4536		147.5004		-3.675613	LLS11
143	177.6619		133.7699		-3.53674	LLS11
144	164.8228		119.8521		-3.394152	LLS11
145	151.6690		106.8950		-3.147055	LLS11
146	137.9352		92.4888		-2.984995	LLS11
147	123.5820		79.6627		-2.827464	LLS11
148	110.1051		68.4633		-2.560555	LLS11
149	96.9337		56.9358		-2.221234	LLS11
150	82.7172		44.6167		-1.79408	LLS11
151	69.8183		34.1629		-1.345451	LLS11
152	57.2101		23.6183		-0.8906682	LLS11
153	45.7953		14.9648		-0.3996592	LLS11
154	28.5522		1.6227		0.3164071	LLS11 CE
155	20.2267		33.7046		-1.586409	LLS1 CS
156	9.7680		26.2576		-1.168079	LLS1
157		2.6157	17.5133		-0.6630641	LLS1

Point	N	S	E	W	Elev.	Description
157		2.6157	17.5133		-0.6630641	LLS1
158		15.6723	8.6885		-0.1305788	LLS1
159		30.4858		1.4085	0.3216701	LLS1
160		43.0602		9.4064	0.6222917	LLS1
161		59.2686		19.6181	1.054621	LLS1
162		77.1827		30.7091	1.439467	LLS1
163		93.1030		39.5711	1.831557	LLS1
164		112.6258		50.1737	2.420032	LLS1
165		136.6235		61.9009	2.882914	LLS1
166		152.4106		69.1276	2.904142	LLS1
167		169.7814		76.1505	2.934859	LLS1
168		188.6030		84.0416	2.861174	LLS1
169		209.4443		92.9952	2.907648	LLS1
170		238.5458		104.3862	2.753371	LLS1
171		273.0856		117.6406	2.80683	LLS1
172		301.4297		129.2847	3.099252	LLS1
173		324.2044		137.7243	3.261844	LLS1
174		352.7515		149.5464	3.722583	LLS1
175		397.5662		166.7881	4.667573	LLS1 CE
176		396.5893		169.9033	4.978557	LLS2 CS
177		338.2664		147.1838	3.840002	LLS2
178		288.4205		127.7886	3.36634	LLS2
179		254.2176		114.5716	3.109412	LLS2
180		219.3837		100.3813	3.229612	LLS2
181		185.4239		86.5160	3.238169	LLS2
182		162.2872		77.1455	3.275928	LLS2
183		139.1470		66.9312	3.171471	LLS2
184		114.4750		55.1040	2.889273	LLS2
185		94.9996		44.7462	2.502204	LLS2
186		75.3901		33.3440	2.041862	LLS2
187		50.0971		18.0792	1.477592	LLS2
188		34.2748		8.3726	1.108458	LLS2
189		19.1102	1.5196		0.6025515	LLS2
190		8.2969	9.0491		0.2719343	LLS2
191	7.4768		20.4732		-0.4287535	LLS2
192	20.9974		30.4717		-1.032584	LLS2 CE
193	20.9974		30.4717		-1.03276	LLS14 CS
194	34.0680		40.5184		-1.5488	LLS14
195	49.7696		52.7855		-2.127502	LLS14
196	62.6753		63.0526		-2.551012	LLS14
197	75.2781		73.5136		-2.93852	LLS14
198	91.3568		87.3762		-3.385718	LLS14
199	104.2115		98.9602		-3.711651	LLS14
200	117.2984		111.1759		-3.865862	LLS14

Point	N	S	E	W	Elev.	Description
200	117.2984		111.1759		-3.865862	LLS14
201	131.3678		125.2882		-4.082602	LLS14
202	143.3568		137.9540		-4.305476	LLS14
203	153.6390		149.1873		-4.454715	LLS14
204	171.5088		169.1618		-4.591565	LLS14
205	183.2686		182.5556		-4.699646	LLS14
206	198.4152		199.9409		-4.606677	LLS14
207	222.3227		228.2184		-4.519946	LLS14
208	253.1674		265.9630		-4.527263	LLS14
209	286.3066		307.5609		-4.431012	LLS14
210	320.9029		349.7238		-4.091494	LLS14
211	338.1849		370.9155		-4.056715	LLS14
212	355.1670		390.9932		-4.269103	LLS14
213	366.3735		404.0222		-4.405282	LLS14
214	377.7042		416.5335		-4.541619	LLS14 CE
215	375.0504		418.9230		-4.686134	LLS15 CS
216	352.6673		393.4914		-4.237236	LLS15
217	333.3308		371.3946		-4.185693	LLS15
218	308.2050		341.1305		-4.34867	LLS15
219	285.8638		313.8635		-4.775214	LLS15
220	266.8081		289.8695		-5.012121	LLS15
221	248.0986		267.0664		-5.155465	LLS15
222	231.3470		245.6546		-5.012984	LLS15
223	214.0051		224.2808		-4.975086	LLS15
224	198.2052		204.8973		-5.023014	LLS15
225	184.4660		188.5679		-5.095734	LLS15
226	174.5429		177.8454		-5.136329	LLS15
227	160.9258		162.9814		-5.17544	LLS15
228	150.8158		151.5987		-5.064325	LLS15
229	137.6941		137.1412		-4.898464	LLS15
230	121.4696		120.7216		-4.686385	LLS15
231	106.2349		105.6924		-4.38944	LLS15
232	89.0715		90.5204		-4.069857	LLS15
233	70.4599		74.7724		-3.512454	LLS15
234	52.7975		59.7964		-2.837501	LLS15
235	32.8142		43.5614		-2.147297	LLS15
236	20.8111		34.4929		-1.686866	LLS15 CE
237	28.8213		21.6021		-0.3508221	LLS13 CS
238	45.0473		33.6895		-0.9747813	LLS13
239	60.7398		46.0168		-1.616178	LLS13
240	72.9344		55.8450		-1.962043	LLS13
241	85.4814		66.3573		-2.354952	LLS13
242	99.5118		78.9900		-2.705721	LLS13
243	112.5529		90.6009		-3.056031	LLS13

Point	N	S	E	W	Elev.	Description
243	112.5529		90.6009		-3.056031	LLS13
244	126.9674		104.3509		-3.310268	LLS13
245	136.7711		114.0220		-3.501079	LLS13
246	145.0124		122.5257		-3.641536	LLS13
247	157.4696		135.9347		-3.748137	LLS13
248	168.1103		147.4100		-3.887529	LLS13
249	179.4820		160.3330		-4.002422	LLS13
250	191.9438		174.9448		-4.092401	LLS13
251	205.6718		191.0105		-4.221559	LLS13
252	218.9634		206.4911		-4.177835	LLS13
253	231.7759		221.7824		-4.239854	LLS13
254	241.9497		234.0565		-4.223942	LLS13
255	261.6158		258.6019		-4.237603	LLS13 CE
256	262.3715		258.2071		-4.169201	LLS12 CS
257	249.4700		242.4484		-4.230023	LLS12
258	237.3230		227.2115		-4.187895	LLS12
259	223.7408		211.0743		-4.213031	LLS12
260	206.8357		191.2565		-4.171345	LLS12
261	196.7764		179.4699		-4.154098	LLS12
262	187.7778		168.9078		-4.049696	LLS12
263	172.8007		151.7082		-3.915613	LLS12
264	161.1482		138.7126		-3.786673	LLS12
265	148.1564		124.8797		-3.629355	LLS12
266	134.8126		111.0596		-3.380875	LLS12
267	118.5124		95.1909		-3.108174	LLS12
268	101.2724		79.4711		-2.717137	LLS12
269	81.4317		62.4064		-2.278445	LLS12
270	62.7832		47.0263		-1.665583	LLS12
271	45.5468		33.6540		-0.9929028	LLS12
272	29.1924		20.9612		-0.3427255	LLS12 CE
273	163.2781		129.2928		-3.535394	CARS1
274	164.1191		138.4038		-3.740101	CARS1
275	170.6213		137.3411		-3.614987	CARS1
276	169.5975		128.7821		-3.511582	CARS1
277	159.1631		167.1507		-5.772944	CARS2
278	162.3925		173.2146		-4.704059	CARS2
279	158.2857		178.1545		-7.120394	CARS2
280	153.4301		170.8023		-6.917832	CARS2
281	154.7552		184.0220		-5.191686	NG1
282	166.7922		178.8071		-6.125474	NGD CS
283	175.1537		178.4798		-5.115681	NG2
284	180.6823		174.9439		-4.570451	NG2
285	174.7106		171.9509		-4.724644	NG2
286	169.0849		173.6345		-5.367075	NG2

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286	169.0849		173.6345		-5.367075	NG2
287	166.1147		177.2813		-5.998762	NG2 CE
288	182.0510		172.9731		-4.368724	NG3 CS
289	179.7434		171.7115		-4.400493	NG3
290	177.8113		169.5363		-4.347933	NG3
291	180.4571		167.7204		-4.248893	NG3
292	183.1521		171.6908		-4.329595	NG3 CE
293	184.4012		169.8546		-4.017456	NG4
294	199.0660		172.7813		-3.855807	NG5
295	182.3364		175.6537		-4.425441	BSMK1 CS
296	186.7204		179.2045		-4.40192	BSMK1
297	192.5457		184.0846		-4.315178	BSMK1
298	197.1838		187.9160		-4.331799	BSMK1
299	207.5266		197.2435		-4.278326	BSMK1
300	219.0505		207.6795		-4.197354	BSMK1
301	228.6698		217.2441		-4.182477	BSMK1
302	237.8364		226.4709		-4.194059	BSMK1 CE
303	238.6514		225.2916		-4.192814	BSMK2 CS
304	229.6601		214.8808		-4.231583	BSMK2
305	220.1125		205.1485		-4.173784	BSMK2
306	206.3587		191.8014		-4.125227	BSMK2
307	196.8217		182.6101		-4.212525	BSMK2
308	189.7946		176.4194		-4.255383	BSMK2
309	185.9511		173.2404		-4.173612	BSMK2 CE
310	185.6297		172.2028		-4.280938	BSMK3 CS
311	190.2774		175.8701		-4.21487	BSMK3
312	194.9127		179.7256		-4.190661	BSMK3
313	199.6919		183.8085		-4.153053	BSMK3
314	206.4981		189.9421		-4.110953	BSMK3
315	211.9346		194.6394		-4.068232	BSMK3
316	218.2642		200.4037		-4.064303	BSMK3
317	223.3937		205.5811		-4.094987	BSMK3
318	229.7191		211.6428		-4.214625	BSMK3
319	233.9780		216.0263		-4.056054	BSMK3
320	240.2571		221.7546		-4.164307	BSMK3 CE
321	241.7659		221.1175		-4.171405	BSMK4 CS
322	237.4666		216.3054		-4.089673	BSMK4
323	233.7835		212.3002		-4.020671	BSMK4
324	229.0319		207.4753		-4.057434	BSMK4
325	222.7368		201.0170		-4.057095	BSMK4
326	217.0219		195.1675		-4.093942	BSMK4
327	210.8819		189.3741		-3.976955	BSMK4
328	205.5540		184.2281		-4.087249	BSMK4
329	199.5819		178.9646		-4.047369	BSMK4

Point	N	S	E	W	Elev.	Description
329	199.5819		178.9646		-4.047369	BSMK4
330	194.8970		174.8421		-4.00523	BSMK4
331	189.1642		170.1482		-4.047488	BSMK4 CE
332	101.6942		43.6025		-1.655567	SGN
333	271.6292		268.9533		-4.440524	BSMK5 CS
334	278.5932		278.0939		-4.221526	BSMK5
335	292.0621		295.8961		-4.273324	BSMK5
336	303.4380		310.4864		-4.293826	BSMK5
337	315.6250		326.5888		-4.27843	BSMK5
338	328.4178		342.2582		-4.295922	BSMK5
339	328.4372		342.3781		-4.29909	BSMK5
340	340.8740		357.1339		-4.449652	BSMK5
341	353.4393		370.8273		-4.368739	BSMK5
342	364.2570		382.1772		-4.502453	BSMK5
343	370.7681		388.7632		-4.581419	BSMK5 CE
344	386.9756		407.9852		-4.93456	LLS16 CS
345	378.8953		398.6139		-4.828722	LLS16
346	360.2153		377.5737		-4.571756	LLS16
347	347.2772		362.4959		-4.395494	LLS16
348	329.2465		340.4324		-4.291479	LLS16
349	304.9387		310.7807		-4.285214	LLS16
350	284.0434		285.0587		-4.341106	LLS16
351	258.8282		253.7068		-4.254237	LLS16
352	236.2331		225.8918		-4.16467	LLS16
353	217.4832		203.5963		-4.22056	LLS16
354	203.8464		187.6836		-4.124446	LLS16 CE
355	203.5370		188.1935		-4.232409	LLS17 CS
356	219.0893		206.2108		-4.215828	LLS17
357	235.7584		226.2708		-4.211136	LLS17
358	235.7873		226.2985		-4.210054	LLS17
359	267.3966		265.1272		-4.374313	LLS17
360	289.8679		292.6923		-4.345928	LLS17
361	313.7046		322.0705		-4.261442	LLS17
362	333.2643		346.1718		-4.328576	LLS17
363	348.1905		364.1414		-4.379658	LLS17
364	366.0988		385.0617		-4.618703	LLS17
365	386.6141		408.2181		-4.884796	LLS17 CE
366	379.5620		399.9671		-4.801269	NG10
367	362.2874		380.6831		-4.522491	NG11
368	345.1301		360.5101		-4.297344	NG12
369	329.3904		341.3222		-4.302821	NG13
370	313.2474		321.5667		-4.246327	NG14
371	297.7556		302.4435		-4.345887	NG15
372	266.4913		263.8814		-4.356657	NG16

Point	N	S	E	W	Elev.	Description
372	266.4913		263.8814		-4.356657	NG16
373	235.3174		225.4599		-4.169766	NG17
374	204.9380		189.3617		-4.124913	NG18
375	175.6279		155.5176		-3.955937	NG19
376	144.9808		122.0683		-3.591297	NG20
377	112.8095		90.3110		-3.120192	NG21
378	77.5540		59.6773		-2.116743	NG22
379	39.4761		29.2191		-0.8132086	NG23
380		40.1091		26.7891	2.135875	NG24
381		101.6761		61.3511	3.383888	NG25
382		190.3049		101.2993	3.80595	NG26
383	0.0000		0.0000		0	