

CITY OF GILLETTE VERTICAL CONTROL NETWORK

Revised: July 2016

(updated the Northing and Eastings only; no adjustment was made to the elevation)

VCM #	Short Description	Elevation	Northing	Eastings	Date Established	Established By	Status
1	Boxelder & Fox Park Rd. SE Quadrant	4528.152	1376333.9	587444.9	12/13/1999	PCA Engineering	
2	University Rd. & Mills Ave.	4477.841	1380325.0	586598.1	12/13/1999	PCA Engineering	SFNF
3	Windmill Dr. & Complex shop entrance	4539.952	1378526.7	584243.3	3/24/2000	Rumph Surveys	
4	Kluyer & Garner Lake Rd.	4497.349	1388198.0	581929.1	12/8/1999	PCA Engineering	DESTROYED
5	Garner Lake Rd. & Warlow Dr.	4510.951	1384287.4	581971.7	12/8/1999	PCA Engineering	DESTROYED
6	Garner Lake Rd. & Collins Rd. NE Quadrant	4494.976	1381289.6	582127.5	12/9/1999	PCA Engineering	
7	Garner Lake Rd. & Indian Paintbrush Dr. NE	4540.405	1377699.6	582257.1	3/24/2000	Rumph Surveys	
8	Garner Lake Rd. Box Culvert in Culvert	4479.502	1373712.8	582224.3	12/14/1999	PCA Engineering	
9	SE corner of the City WWTF	4489.029	1372333.3	583658.8	5/8/2000	Stetson Engineering	
10	Garner Lake Rd. Bike Path Bridge in Ret Wall	4501.384	1371138.0	577202.4	12/17/1999	PCA Engineering	
12	Boxelder Road, 100' E of Hinsdale	4530.893	1376440.6	580392.9	5/3/2000	Stetson Engineering	
13	Warlow Dr. & Limestone Ave. SE Quadrant	4493.468	1384419.7	577546.2	4/11/2000	Rumph Surveys	
15	Warlow Dr. & Enterprise Ave. SE Quadrant	4531.166	1384444.2	575262.1	4/11/2000	Rumph Surveys	
16	Kluyer Road @ SW Corner Northland Village	4487.213	1388506.9	575693.6	12/7/1999	PCA Engineering	DESTROYED
17	Chara Ave. & Shalom Ave. N of mailboxes	4546.245	1377488.1	576663.4	3/31/2000	Rumph Surveys	
18	South side of street @ 2700 Cocklebur Dr.	4521.465	1374493.3	574364.9	5/4/2000	Stetson Engineering	DESTROYED
20	HWY 59 & Southern Dr. SW Quadrant	4550.597	1365737.9	574450.4	12/20/1999	PCA Engineering	
21	Southern Dr. ROW SE of water tank	4684.898	1365654.5	571015.9	12/23/1999	PCA Engineering	
22	Wigwam Blvd. & Shoshone	4559.421	1368652.4	571495.9	4/19/2000	Stetson Engineering	DESTROYED
23	East side Highway #59 @ Donkey Creek	4522.606	1372839.4	570570.7	4/21/2000	Stetson Engineering	
24	Butler Spaeth & Boxelder SE Quadrant	4514.665	1376387.2	574452.1	5/3/2000	Stetson Engineering	
25	Sunrise - NW corner of Lot 30 on slope.	4645.191	1378080.0	569124.5	4/13/2000	Rumph Surveys	No cover, cap protruding out of sleeve
26	High School Parking Lot	4534.940	1378573.0	572794.2	4/3/2000	Rumph Surveys	
27	8th St. & Veterans Dr. SW Quadrant	4532.823	1380365.4	570289.1	4/3/2000	Rumph Surveys	
28	Warlow Dr. & Gurley Ave. SW Quadrant	4538.338	1384580.7	571717.4	4/6/2000	Rumph Surveys	
29	Kluyer & Gurley Ave. NE Quadrant	4572.125	1387280.8	571778.3	12/7/1999	PCA Engineering	
30	Hannum Rd. @ entrance to Skateland	4551.611	1386366.6	568111.0	12/6/1999	PCA Engineering	
31	Warlow Dr. & Hannum Rd. NW Quadrant	4554.842	1384653.8	568473.1	4/6/2000	Rumph Surveys	
32	Gillette Ave. by City Park Sign	4649.130	1380218.2	567709.1	4/3/2000	Rumph Surveys	No Cover
33	Four - J Rd & Lakeway Rd.	4540.668	1373723.9	566285.3	1/26/2000	PCA Engineering	SFNF - New SW
34	Four - J Rd @ South entrance to South Campus	4552.474	1369131.9	566269.4	1/28/2000	PCA Engineering	
35	Tanner Drive & Sinclair Street	4543.024	1370942.8	568893.6	4/21/2000	Stetson Engineering	REPLACED by VCM 101
36	West End of Shoshone pavement	4622.555	1368193.4	569050.0	4/20/2000	Stetson Engineering	MISSING
37	Southern Dr. & Four - J Rd.	4565.385	1365647.8	566237.7	12/28/1999	PCA Engineering	DESTROYED
38	0.5 mi South of Four - J rd & Southern Drive	4591.605	1362954.4	564893.6	12/29/1999	PCA Engineering	INACCESSIBLE - Residential Backyard
39	Antelope Valley St.	4732.794	1363590.7	560882.0	1/8/2000	PCA Engineering	DESTROYED
40	Southern Drive, .4 mi E of Antelope Valley St N side	4700.692	1365659.9	562511.8	6/27/2000	Eagle Surveys	
40A	Southern Drive, .4 mi E of Antelope Valley St S side	4700.260	1365508.0	562218.6	12/20/2001	PCA Engineering	
41	Ridgecrest & Four J Road NE Quadrant	4557.757	1371022.2	563219.0	6/8/2000	Eagle Surveys	
42	Christinck & Brorby	4556.481	1369743.4	563950.2	6/8/2000	Eagle Surveys	MISSING
43	Metz Dr. South End	4665.213	1377929.1	562201.9	4/21/2000	Worthington, Lenhart & Carpenter	
44	Westover Rd. & Secondary road to dump	4699.904	1379048.4	564904.2	4/6/2000	Worthington, Lenhart & Carpenter	DESTROYED
45	Warlow Dr. & Road to Pumphouse	4552.948	1384385.6	565301.9	4/28/2000	Worthington, Lenhart & Carpenter	REPLACED by VCM 114
46	End of Burma @ 4th Ave.	4583.811	1386395.1	563803.4	12/4/1999	PCA Engineering	

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47	HWY 14-16 and 4th Avenue SW Quadrant	4572.707	1386253.0	561072.8	11/22/1999	PCA Engineering	No Cover, Cap flush with surface
48	Skyline Dr. & Westover Rd.	4597.733	1381821.1	560652.9	4/6/2000	Worthington, Lenhart & Carpenter	DESTROYED
49	Skyline Dr., 0.6 Mi to Lakeway Rd.	4716.430	1377608.9	558694.9	4/21/2000	Worthington, Lenhart & Carpenter	MISSING
50	Lakeway and Oakcrest	4650.173	1374310.2	561008.8	7/28/2000	Eagle Surveys	DESTROYED
51	Oakcrest & Four J NW Quadrant	4568.641	1370745.5	561262.8	6/8/2000	Eagle Surveys	
52	0.3-mi East of Southern Dr. & Falcon Ave.	4657.971	1365574.0	560912.9	1/3/2000	PCA Engineering	DESTROYED
52A	0.1 mi E Antelope Dr, south side Southern Drive	4665.734	1365464.7	560486.5	12/20/2001	PCA Engineering	
53	Southern Dr. & Bunny Ln.	4674.804	1365393.2	557837.1	1/4/2000	PCA Engineering	DESTROYED
53A	Windancer Court & Southern Drive, SW Quad	4670.660	1365284.1	557513.2	12/20/2001	PCA Engineering	
54	Hwy 50 and Southern Drive	4617.928	1365581.5	555246.9	1/7/2000	PCA Engineering	DESTROYED
55	Skyline and Four J NE Quadrant	4587.181	1368645.2	556473.8	6/8/2000	Eagle Surveys	
56	West side Skyline Dr .4 mi south of Lakeway	4655.373	1373171.9	556693.5	7/30/2000	Eagle Surveys	DESTROYED
57	Lakeway & Skyline	4694.182	1374978.7	557699.2	7/28/2000	Eagle Surveys	DESTROYED
58	Overdale Dr. & Moonshiner Ln. SW Quadrant	4780.543	1377721.6	555933.4	4/17/2000	Worthington, Lenhart & Carpenter	
59	Overdale Dr., east of Bell Nob Entrance, S of Tank	4799.899	1378384.2	553152.8	4/17/2000	Worthington, Lenhart & Carpenter	
60	Pioneer Ave. & Overdale Dr.	4705.259	1379306.2	557096.8	4/17/2000	Worthington, Lenhart & Carpenter	INACCESSIBLE
61	Overdale Dr., northeast of park	4648.662	1381341.2	556084.8	4/10/2000	Worthington, Lenhart & Carpenter	No Cover
62	Fairway Dr. & Par Dr.	4747.495	1381273.8	554130.7	4/10/2000	Worthington, Lenhart & Carpenter	DESTROYED
63	Echeta Rd. @ NE Entrance of Westview MHP	4616.795	1384169.6	557417.8	11/15/1999	PCA Engineering	
64	Lafayette Ct.	4646.227	1386241.3	557899.0	12/1/1999	PCA Engineering	INACCESSIBLE
65	SE Corner Highland Estates Water Tank Site	4804.551	1386182.0	555728.9	11/29/1999	PCA Engineering	
66	Echeta Rd. 0.1 mi west of Foothills Blvd N side	4632.333	1383871.9	554472.9	11/15/1999	PCA Engineering	
67	Hole 8 On Bell Nob Golf Course	4700.553	1381129.8	552179.8	1/17/2000	PCA Engineering	
68	Echeta Rd. @ underpass Back ent. Westover	4657.868	1384036.4	549717.3	1/18/2000	PCA Engineering	
69	Bell Nob Golf Course Gravel Rd.	4750.741	1377716.6	550378.0	1/14/2000	PCA Engineering	
70	1.5 mi. N. Force Rd on Golf Course West bndry	4727.262	1375266.5	550357.8	1/13/2000	PCA Engineering	
71	Kluser & Casa Quinta Ave.	4512.321	1388299.6	579808.6	12/8/1999	PCA Engineering	SFNF
72	1.0 mi. N. Force Rd on Golf Course West bndry	4635.552	1372023.6	550492.2	1/12/2000	PCA Engineering	
73	Force Road & Hidden Valley Road NW Quadrant	4602.754	1368070.9	552875.0	6/15/2000	Eagle Surveys	
74	Force Rd. and Roany Rd.	4649.293	1366714.5	549314.9	1/8/2000	PCA Engineering	DESTROYED
75	South end of Rocky Point Dr.	4699.438	1365438.6	552206.9	1/8/2000	PCA Engineering	INACCESSIBLE
76	2413 Dry Fork Drive	4606.666	1375941.7	563233.4	7/28/2000	Eagle Surveys	INACCESSIBLE
77	SE of Fishing Lake by Parks Bldg	4523.710	1371864.8	572825.6	4/21/2000	Stetson Engineering	
78	Redwood St. & South Gillette Ave south of City bldg	4534.992	1375325.0	568042.2	4/17/2000	Stetson Engineering	
79	Lakeway Road in SW corner of Winland Park	4624.183	1373791.4	563643.2	7/28/2000	Eagle Surveys	
80	Southern Dr. @ Four J Road	4566.531	1365527.0	566165.1	1/28/2000	PCA Engineering	DESTROYED
81	Wolff Rd & Rimrock NE Quadrant	4626.285	1358628.9	577279.5	7/17/2003	PCA Engineering	
82	Ptarmigan and Whitetail SE Quadrant	4665.439	1353956.9	581125.3	7/17/2003	PCA Engineering	
83	Dove Road & Hwy 59 NW Quadrant	4643.586	1358811.4	579758.3	6/1/2006	PCA Engineering	DAMAGED
84	Hwy 59 SE of Jack's Heavy Equipment	4605.976	1362149.5	578275.8	6/2/2006	PCA Engineering	
85	6171 Mohan at electrical transformer	4569.273	1362694.0	575378.3	6/3/2006	PCA Engineering	
86	5502 Force Road	4652.378	1366727.0	549332.0	6/4/2006	PCA Engineering	
87	2413 Dry Fork Drive	4607.488			6/5/2006	PCA Engineering	DESTROYED
100	Fairway Dr @ Chancery Lane	4717.895	1381673.7	553643.5	4/19/2011	Kadmas Lee & Jackson	SFNF - concrete SW

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101	Sinclair St. @ Tanner Dr. SW Quadrant	4542.607	1370978.2	568843.2	4/19/2011	Kadmas Lee & Jackson	
102	Shoshone Ave @ Tanner Dr. SW Quadrant	4609.666	1368122.7	568846.5	4/19/2011	Kadmas Lee & Jackson	
103	Antelope Valley St, 100' S Pronghorn Meadow	4760.781	1363124.2	560934.3	4/19/2011	Kadmas Lee & Jackson	
104	Beaver Dr. & Dry Fork Dr. @ park parking lot	4633.133	1376287.6	562761.0	4/19/2011	Kadmas Lee & Jackson	
106	Arizona St. and Phoenix Ave. SW Quadrant	4486.091	1388461.7	575671.7	8/9/2011	Stetson Engineering	
107	Cocklebur Dr. and Castle Pines Dr. S side	4522.674	1374476.9	574370.1	2/1/2012	Bearlodge LTD., Inc.	
108	Kluver Rd. and Garner Lake Rd.	4496.380			1/28/2013	HDR Engineering, Inc.	No coordinates to locate it.
109	Warlow Dr. and Garner Lake Rd SW Quadrant	4515.125	1384249.6	581895.4	1/28/2013	HDR Engineering, Inc.	
114	Warlow Dr. & Road to Pumphouse		1384372.5	565299.2		PCA Engineering, Inc.	
PV0345	Campbell County Maintenance Yard	4591.310					
PVO239	North of Hwy 51 About Crossing of I-90	4528.130					
PVO402	Echeta Rd. & Hwy 59 Bridge Pier	4572.090					MISSING
PVO257	SE Quadrant 4th & Four-J	4609.990					
PVO241	2nd Street & RR ROW at National 9 Motel	4519.820					
PVO343	Rockpile Museum set in Sandstone	4582.840	1382657.9	565051.2			
C354	Four J, .3 mi west of Oakcrest	4571.581	(verified Eagle Surveys)		1985	NOAA / NGS	
D354	Highway 50 North of UPS driveway	4609.984	(verified Eagle Surveys)		1985	NOAA / NGS	

VCM 11, VCM 14 & VCM 19 were not used.

* VCM = Vertical Control Monument

*PVO = Government Established Monuments Verified for this Network

	SFNF (Searched for Not Found) or damaged
	Did not visit these locations
	New VCM info
	Found but needs attention