

ELEVATION REFERENCE MONUMENT

ERM: 130

Panel: 1705

Elevation (NAVD88): 4758.61

Elevation (NGVD29): 4761.30

Latitude: 34°44'44"N

Longitude: 112°29'45"W

Description: 1/2" rebar with an aluminum cap marked 14216. From Chino Valley at the intersection of Highway 89 and Center Street, travel west 2.3 miles to a dirt road heading south. Station is 40 feet south of Center Street, 50 feet east of southbound dirt road.

Additional surveying for structures, cross sections and establishing new Elevation Reference Monuments was performed in May and June of 2002. Field survey notes are included separately.

Controls

Table 3-1 Survey Controls

Pt #	NAD83(1992) Latitude Longitude	NAD83(1992) Northing Easting	NAVD88 Elevation	NGVD29 Elevation	Description
14	N 34°43'51.45273" W 112°27'55.60497"	1357832.777 535119.059	4828.254	4825.541	Brass Cap flush with pavement at intersection of Road 2 South and Road 1 West
23	N 34°46'28.06020" W 112°31'08.79354"	1373756.955 519090.534	4812.595	4809.843	General Land Office Brass Cap stamped "T16N, R2W, 12-7-18-13, 1913"; approximately 750 feet south of intersection of Cherokee Drive and Morgan Trail
24	N 34°45'36.30897" W 112°30'05.11412"	1368493.882 524371.957	4790.958	4788.271	General Land Office Brass Cap stamped "T16N, R2W, 18-17-20-19, 1914"; south of 2 North Road, east of intersection of Yuma Drive and Road 2 North
32	N 34°45'37.14975" W 112°28'59.85580"	1368547.689 529816.951	4747.869	4745.189	Brass Cap in Handhole at intersection of Reed Road and Road 2 North
101	N 34°47'49.40096" W 112°28'59.88690"	1381917.377 529889.779	4591.611	4588.760	Town of Chino Valley Brass Cap flush with pavement at intersection of Road 4½ North and Reed Road; stamped "T16N, R2W, ¼, 5¼, 1997, LS13190"
103	N 34°45'35.52750" W 112°30'37.79274"	1368430.870 521645.104	4787.373	4784.660	1" iron pipe with U.S. General Land Office survey brass cap, stamped ¼, S18 19, 1914, approximately 26 feet north of T intersection of two dirt roads centerline, approximately 150 feet west northwest of an intersection of a wash flowline and dirt road centerline
107	N 34°46'32.34832" W 112°32'14.35707"	1374223.750 513624.169	4965.646	4962.887	Brass Cap in concrete (0.81' above ground), approximately 3' southeast of bush and approximately 1.3' west of fence corner, stamped "W.J. CHEEK, 11-12-13-14, 1961, P.E. No. 2398"
124	N 34°44'44.22042" W 112°29'01.09822"	1363197.510 529683.112	4829.854	4827.164	Brass Cap in Handhole at intersection of Reed Road and Center Street
127	N 34°44'41.99734" W 112°31'09.62012"	1363035.163 518957.279	4901.428	4898.685	General Land Office Brass Cap, north of edge of pavement of Center Street, approximately 1 mile west of Yuma Drive
130	N 34°44'43.23824" W 112°29'44.93209"	1363119.070 526024.834	4761.304	4758.614	From Chino Valley at the intersection of Highway 89 and Center Street, travel west 2.3 miles to a dirt road heading south. Station is 40 feet south of Center Street, 50 feet east of southbound dirt road. Station is a ½" rebar with an aluminum cap marked, 14.216.
136	N 34°43'50.62741" W 112°30'05.00983"	1357810.209 524318.515	4863.545	4860.822	General Land Office Brass Cap, approximately 50' southeast of intersection of Road 2 South and Yuma Drive



RAINBOW DR

CENTER ST

MOUNTAIN VIEW RD

APPLE BLOSSOM DR

IDAS LN

YUMA DR

RM 130

04025C1705F

S29-T16N-R02W



Layout 10 250

500

1 in. = 500 ft.