

## **ELEVATION REFERENCE MONUMENT**

**ERM:** 32

**Panel:** 1340

**Elevation (NAVD88):** 4747.87

**Elevation (NGVD29):** 4745.19

**Latitude:** 34°45'37"N

**Longitude:** 112°29'00"W

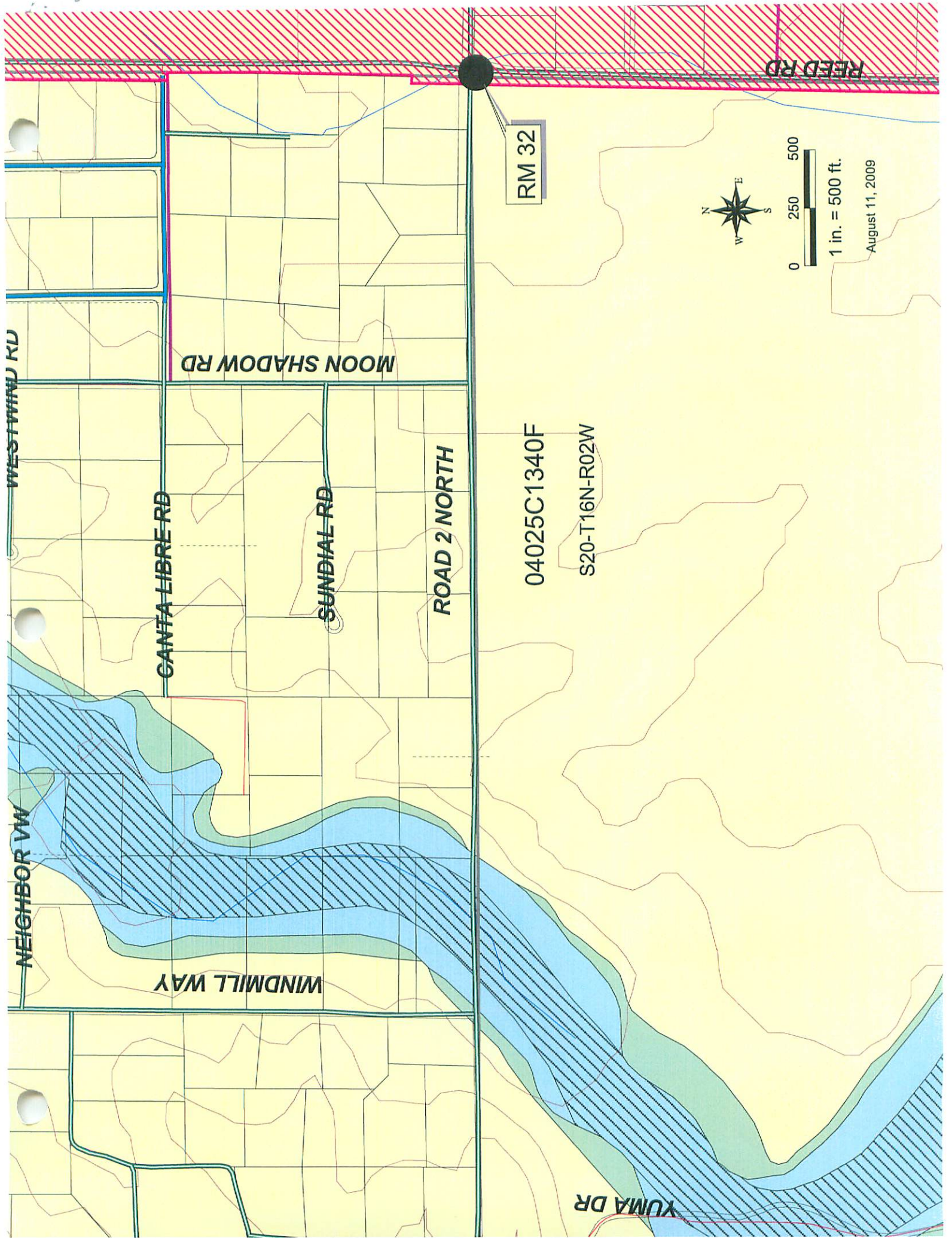
**Description:** Brass Cap in Handhole at intersection of Reed Road and Road 2 North

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)<br>Latitude Longitude       | NAD83(1992)<br>Northing<br>Easting | NAVD88<br>Elevation | NGVD29<br>Elevation | Description  |
|------|---|------------------------------------|---------------------|---------------------|--|
| 14   | N 34°43'51.45273"<br>W 112°27'55.60497" | 1357832.777<br>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"<br>W 112°31'08.79354" | 1373756.955<br>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"<br>W 112°30'05.11412" | 1368493.882<br>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"<br>W 112°28'59.85580" | 1368547.689<br>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"<br>W 112°28'59.88690" | 1381917.377<br>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, 5/4, 1997, LS13190"  |
| 103  | N 34°45'35.52750"<br>W 112°30'37.79274" | 1368430.870<br>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"<br>W 112°32'14.35707" | 1374223.750<br>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"<br>W 112°29'01.09822" | 1363197.510<br>529683.112          | 4829.854            | 4827.164            | Brass Cap in Handhole at intersection of Reed Road and Center Street   |
| 127  | N 34°44'41.99734"<br>W 112°31'09.62012" | 1363035.163<br>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"<br>W 112°29'44.93209" | 1363119.070<br>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"<br>W 112°30'05.00983" | 1357810.209<br>524318.515          | 4863.545            | 4860.822            | General Land Office Brass Cap, approximately 50' southeast of intersection of Road 2 South and Yuma Drive  |



WESTWIND RD

NEIGHBOR VW

GANTA LIBRE RD

MOON SHADOW RD

SUNDIAL RD

ROAD 2 NORTH

04025C1340F

S20-T16N-R02W

WINDMILL WAY

YUMA DR

RM 32

REED RD



1 in. = 500 ft.

August 11, 2009