

CONFIRMED BENCHMARKS

UPDATED JUNE 26, 1991

1. Chiseled square on southwest side of street light base, in median of Gus Thomasson Rd., 40' northeast of centerline of Jamaica Way.
Elevation: 536.49
2. Chiseled square on southwest side of signal pedestal, northeast corner of Gus Thomasson Road and La Prada Drive.
Elevation: 537.58
3. Chiseled square on northeast side of street light pedestal in median of Gus Thomasson Road, 215' north of the centerline of Demaret.
Elevation: 540.52
4. Chiseled square on east end of south headwall, Tam O'Shanter Drive over South Mesquite Creek.
Elevation: 542.34
5. Chiseled square, center of south headwall, Live Oak Drive over South Mesquite Creek.
Elevation: 507.64
6. Chiseled square on west end of south headwall, IH30 over South Mesquite Creek.
Elevation: 503.94
7. Chiseled square on south headwall, 15' from east end, Driftwood Dr. over South Mesquite Creek.
Elevation: 499.70
8. Chiseled square on west top of curb parking lot, +/- 200' from North Galloway curblines, 80' north of Town East Blvd. curblines, 1' east of 4' high retaining wall.
Elevation: 532.09
9. Chiseled square on east top of curb Via Del Norte, 170' north of Town East Blvd. curblines.
Elevation: 508.58
10. Chiseled square on east top of curb O'Hare Dr., 200' north of Town East Blvd. curblines.
Elevation: 514.24
11. Chiseled square on east top of curb Red Wolf Drive, 170' north of Town East Blvd. curblines.
Elevation: 519.97
12. Chiseled square on west curb return of median nose, north side of Green Canyon Drive, 10' west of centerline Via Del Norte.
Elevation: 508.50

13. Chiseled square nose island, west side Via Del Norte, centerline of Barnes Bridge Road.
Elevation: 529.19
14. Chiseled square east side headwall, south of Tripp Rd. +/- 100' east of centerline of Heatherdale Drive.
Elevation: 499.45
15. Chiseled square south side of signal light base, northeast corner of Galloway and Tripp.
Elevation: 525.20
16. Chiseled square on west top of curb on Galloway Ave. centerline of bridge over U.S. 80.
Elevation: 535.62
17. Chiseled square on top of curb of island nose, 207' southeast of Cascade St. centerline 72' northeast of Crest Park Dr. centerline.
Elevation: 519.38
18. Top of northeast anchor bolt of signal light, 20' north of Gross Rd. back of curb, 3' east of north bound I.H.635 entrance ramp back of curb.
Elevation: 475.14
19. Chiseled square on T/C, 0.5' from southwest corner of bridge, Scyene Rd. over North Mesquite Creek.
Elevation: 443.68
20. Chiseled square on south side railroad signal base, northwest corner Clay-Mathis Road and Union Pacific Railroad.
Elevation: 475.90
21. Chiseled square on east median curb of Clay-Mathis Road, 204' south of East Glen Blvd.
Elevation: 464.26
22. Chiseled square 2' from north end of curb inlet on west side of Clay-Mathis Road, 150'+/-south of Baretta Drive.
Elevation: 450.07
23. North rim of manhole, 17' northwest of Creek Valley centerline, 60' northeast of Clay-Mathis Road centerline.
Elevation: 446.85
24. North rim of manhole, 48' southwest of Clay-Mathis Road centerline, 10' northwest of Wood Creek extended centerline.
Elevation: 437.07
25. Chiseled square on sidewalk, 1' from west face of curb, center of bridge, Faithon P.Lucas, Sr. Blvd. over North Mesquite Creek.
Elevation: 416.56

26. North rim of manhole, 56' southeast of Faithon P. Lucas Sr. Blvd. centerline, 14' northeast of Cartwright Road centerline.
Elevation: 448.12
27. Chiseled square on top of west wingwall of headwall on north side of Cartwright Road, 0.93 miles southeast of Windsor Drive.
Elevation: 443.86
28. Chiseled square on top center headwall, northeast side of Clay-Mathis, 55' northwest of Creek Royal Drive.
Elevation: 429.56
29. Chiseled square on top center headwall, southwest side of Clay-Mathis, 0.4 miles northwest of Lawson Road.
Elevation: 413.30
30. Chiseled square on south corner Clay-Mathis Road bridge, 50' northwest of Lawson Road.
Elevation: 393.70
31. Chiseled square on center top headwall, north corner of Berry and Lawson Roads.
Elevation: 426.69
32. Chiseled square 0.5' from northeast corner concrete pad, 30' east of centerline of taxiway (extended), 0.22 mi. south of end of (5000') runway.
Elevation: 439.70
33. Chiseled square 0.5' from west edge of taxiway, 280' south of second most southerly taxiway-runway crossover.
Elevation: 441.52
34. North rim manhole, 13' west of west edge taxiway, 45' south of center of most northerly hangar.
Elevation: 442.83
35. Chiseled square 0.3' from northeast corner of concrete pad, 500' north of north end of runway, 45' east of centerline of taxiway (extended).
Elevation: 444.66
36. Chiseled square on top center headwall, south side of Scyene Road, 0.35 miles east of Berry Road.
Elevation: 450.02
37. Chiseled square on top center headwall, west side of Berry Road, 237' south of East Glen Blvd. centerline.
Elevation: 455.35
38. Chiseled square on south median curb East Glen Blvd., 8' east of east median nose, 0.38 miles west of Berry Road.
Elevation: 468.27
39. Chiseled square on top railing, west corner of bridge, South Mesquite Creek and Gross Road.

Elevation: 463.78

40. Chiseled square on top of curb at end of radius, 60' southwest of centerline of Gross Road, 14' northwest of centerline of Sybil Drive.
Elevation: 490.01
41. Chiseled square on northeast top of curb of South Parkway, 177' northwest of centerline of Peachtree Road.
Elevation: 462.29
42. Chiseled square on center top of headwall, 70' south of US 80 centerline, 20' east centerline of South Parkway.
Elevation: 490.38
43. Chiseled square on east top of curb at curb return, east driveway of Fire Station No.3 (4400 Samuell Blvd.), 60' south of south right-of-way line.
Elevation: 539.08
44. Chiseled square on north side light standard in median of Barnes Bridge, 35' east of Meadowview centerline.
Elevation: 540.55
45. Chiseled square on north side light standard in Barnes Bridge median, 43' east of Morningside centerline.
Elevation: 553.40
46. Chiseled square on top center headwall, 40' south of Barnes Bridge Road centerline, 60' east of N. Galloway centerline.
Elevation: 546.77
47. Chiseled square on top center inlet, northeast side of N. Galloway, 158' southeast of Republic Parkway.
Elevation: 549.71
48. Chiseled square on top center, south side surface inlet, 70' northeast of N. Galloway centerline, 40' east of IH 635 eastern service road centerline.
Elevation: 538.18
49. Chiseled square on north side light standard in median of Oates Drive, 210' northeast of Gleneagle Drive.
Elevation: 560.84
50. Chiseled square on top center inlet on southwest side of Bedford Drive, 65' northwest of Oates centerline.
Elevation: 534.91

51. Chiseled square on top center inlet on southeast side of Ivy Drive, 95' northeast of Country Club Drive centerline.
Elevation: 551.87
52. Chiseled square on north side of water meter vault in median of La Prada Drive, 100' southwest of Ivy Drive.
Elevation: 574.88
53. West corner most westerly flag pedestal at the Dallas Christian College entrance on Wooded Lake Drive. (No Mark)
Elevation: 558.84
54. Chiseled square on top center headwall, 60' northeast of Wooded Lake Drive centerline, 430' southeast of Oates Drive centerline.
Elevation: 503.45
55. Chiseled square on top railing of east corner bridge, Oates Drive over Long Branch of Duck Creek.
Elevation: 493.68
56. Chiseled square on top center headwall, 10' southwest of Northwest Drive back of curb, 80' northwest of the northerly entrance to the Christian Care Center.
Elevation: 475.12
57. Chiseled square on top railing, northwest corner of bridge Northwest Drive over IH 30.
Elevation: 538.98
58. Chiseled square on west side of west tower base, 145' southwest of Northwest Drive centerline, 165' northwest of Morningside Drive centerline.
Elevation: 546.79
59. North rim manhole, 15' north of Via Avenida centerline, 20' west of Palos Verdes Drive centerline.
Elevation: 540.11
60. Chiseled square on south top of curb, center of bridge, Town East Blvd. over South Mesquite Creek.
Elevation: 493.39
61. Chiseled square on center headwall, west side North Mesquite Drive, 0.31 miles north of Towne Centre Drive.
Elevation: 492.14
62. Chiseled square on top manhole structure, 100' north of the northeast corner of the Towne Centre Drive bridge over South Mesquite Creek.
Elevation: 480.16
63. Chiseled square on the southeast corner headwall, east side Gus Thomasson, +/-400' north of Motley Drive.
Elevation: 495.80

F.E.M.A. - ELEVATION REFERENCE MARKS

| Ref. Mark | Elevation (Ft. NGVD) | Description of Location |
|------------------|---------------------------------|---|
| RM 111 | 486.49 | Chiseled square in the center of the south headwall of culvert on Tripp Road over North Mesquite Creek. |
| RM 112 | 478.01 | A standard SDC & GS stamped "G-289 1934" set vertically confirmed in the east face of the State Highway 352 overpass over by loop over the Texas and Pacific Railroad in Mesquite, Texas. |
| RM 150 | 479.16 | Chiseled square on the northeast corner of the bridge on Northwest Drive over Long Branch. |
| RM 155 | 465.09 | Chiseled square on the east end of the south headwall of a culvert on Bruton Road over Stream 2B3. |
| RM 158 | 469.94 | Chiseled square on the south end of the east headwall of a culvert on IH 635 over Stream 2B8. |
| RM 159 | 465.10 | Chiseled square on the top curb. Square is 15' north of the centerline of South Parkway and 35' west of the centerline of Sybil Drive. |
| RM 160 | 498.61 | Chiseled square on the top of curb. Square is 24' north of Eastbrook Drive and 24' east of Parkside Drive |
| RM 161 | 499.34 | Chiseled square on the east end of the north headwall of culvert on Town East Blvd. over Stream 2B7. |
| RM 162 | 521.16 | A standard USC 7 GS disk stamped "R-970 RE" set in the southwest end of the west curb of the bridge on Oates Drive over South Mesquite Creek. |

FEDERAL BENCHMARKS U.S.G.S.

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| Mesquite | 514.82 | Disk stamped "MESQUITE 1947-1969" in 12"x12" concrete Station post, flush with the ground, 56' south of the south railroad track, 210' west of Florence Street and 41' north of E. Main Street centerline. |
| N 184 | 460.50 | Brass disk set in top of headwall, 12' north of Paza Drive centerline, 100' east of Rupard Drive centerline. |
| P 184 | 465.37 | Brass disk set in concrete pedestal, 8' south of Sierra Drive centerline, 18' north of Wilkinson Drive centerline, 23' north of alley centerline. |
| A 185 | 471.96 | Brass disk set in concrete pedestal, 110' south of Sierra Drive centerline, 39' west of Pioneer Road centerline. |
| Z 184 | 450.89 | Brass disk set in top of headwall, 12' north of Cartwright Road centerline, 68' east of Eastern Heights Drive centerline. |

GPS CONTROL POINTS

DECEMBER. 21, 1995

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|--------|--------|---|
| GPS 1 | 496.81 | 5/8" Rebar with yellow plastic cap stamped "NDM" on the northwest side of La Prada Drive and between I.H. 635 and off ramp west of I.H. 635. |
| GPS 2 | 491.08 | City of Mesquite brass cap stamped "GPS2" inside a logo cover in center median of Oates Drive just NE of bridge over creek. |
| GPS 3 | 465.61 | Station GPS 3 is a 5/8" rebar with a yellow plastic cap stamped "NDM 2609" and driven flush with ground on the Mesquite Golf Course, south of a creek. |
| GPS 4 | 464.23 | Station GPS 4 is a targeted PK nail on the right shoulder of eastbound Interstate 30, 5.4 feet from guardrail, between two bridges. |
| GPS 5 | 461.82 | Station GPS 5 is a City of Mesquite brass cap stamped "GPS 5" and a logo cover, west of the intersection of Belt Line Road and Northwest Drive. Station is on the north side of the center median. |
| GPS 6 | 521.97 | Station GPS 6 is a City of Mesquite brass cap, stamped "GPS 6" and set in concrete with logo cap, in the center median of Town East Blvd., Approx. 77 feet east of the center line of Red Wolf Drive and Town East Blvd. |
| GPS 7 | 482.13 | Station GPS 7 is a City of Mesquite brass cap stamped "GPS 7" with a logo cover, set in center median of the 2200 block of Belt Line Road, approx. 225 feet south of the center of the intersection of Belt Line Road and Ripplewood Street, approx. 1000' north of I-20. |
| GPS 8 | 461.35 | Station GPS 8 is a 5/8" rebar with a 1 1/2" aluminum cap stamped "GPS 8" and driven flush with ground at the west end of Wheatfield Drive. Please note that GPS 8 is not aerial target south of cul-de-sac. |
| GPS 9 | 455.34 | Station GPS 9 is a City of Mesquite brass cap stamped "GPS 9" with a logo cap in median of Kearney St., west of intersection with Rosebluff Terrace. Station is southwest of Plexcare Medical-Surgical Center and Creek Crossing Community Baptist Church. |
| GPS 10 | 441.87 | Station GPS 10 is a 5/8" rebar with a yellow plastic cap stamped "NDM 2609", driven flush with ground, south of Scyene Road. |
| GPS 11 | 442.51 | Station GPS 11 is a City of Mesquite brass cap stamped "GPS 11" with logo cap in median of East Glen Blvd. West of bridge. |
| GPS 12 | 428.24 | Station GPS 12 is a targeted PK nail and washer on south side of Mesquite Valley Road approx. 180' west-southwest of Rivercrest Drive. |
| GPS 13 | 416.17 | Station GPS 13 is a City of Mesquite brass cap stamped "GPS 13" with a logo cap in median of the 1900 block of Faithon P. Lucas Sr., Blvd., west of bridge over north Mesquite Creek. |
| GPS 14 | 439.50 | Station GPS 14 is a 5/8" rebar with a yellow plastic cap stamped "NDM 2609" and driven flush with ground 17' southwest of the center of the intersection of Cartwright Road and Edwards Church Road. |
| GPS 15 | 434.66 | Station GPS 15 is a 3/4" iron pin approx. 300' northeast of the intersection of Lawson Road and Cartwright Road |
| GPS 16 | 431.47 | Station GPS 16 is a 3/4" rebar set in 6" PVC pipe with a chiseled "X" on top of hill north-northeast of Treatment Plant. Note: Point is north-northwest of a 5/8" rebar and yellow plastic cap and is "Pigpenned" with 6 "T" posts. |