

DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

GEORGE OTIS SMITH, DIRECTOR

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BULLETIN 468

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RESULTS OF SPIRIT LEVELING  
IN TEXAS

1896 TO 1910, INCLUSIVE

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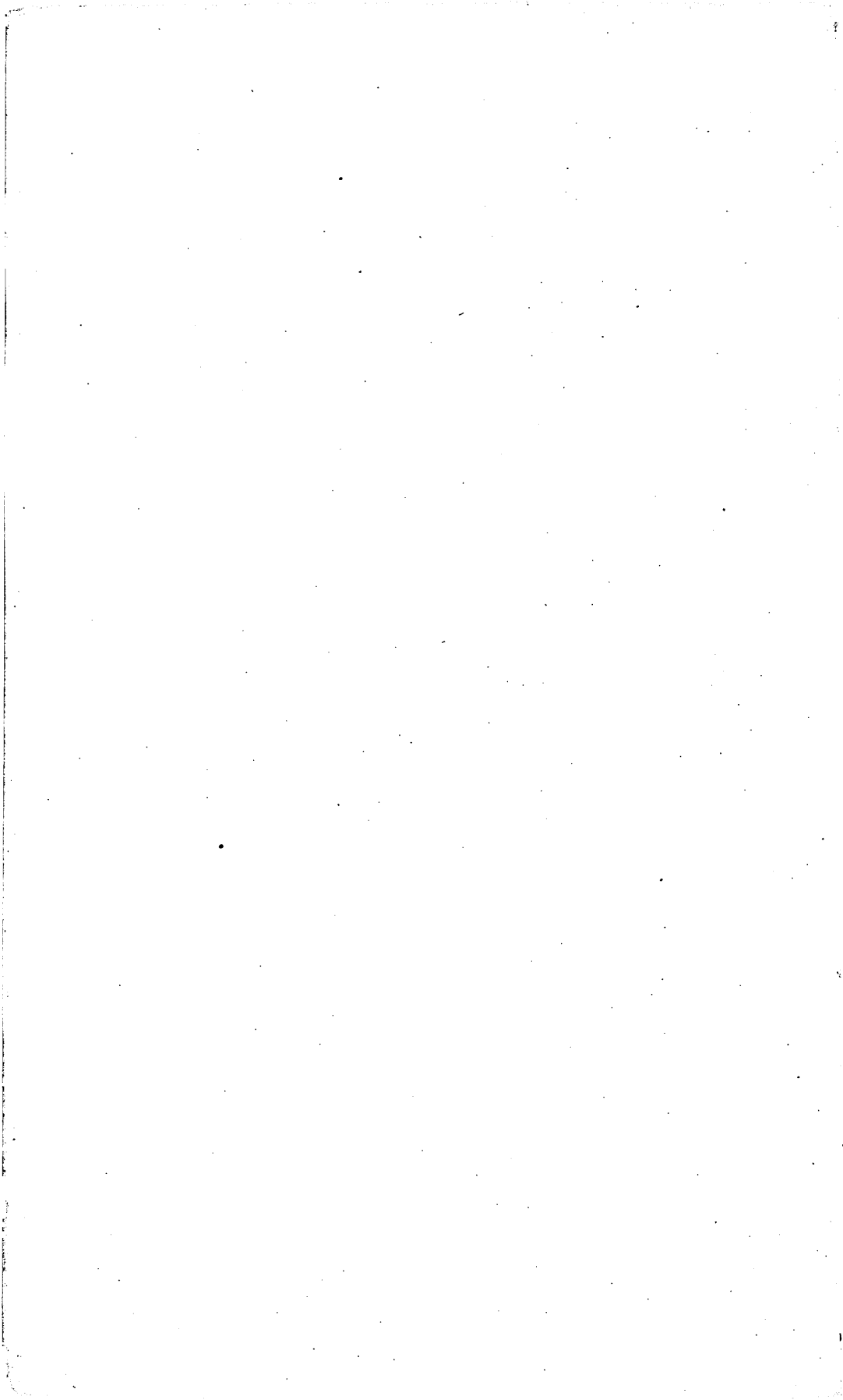
R. B. MARSHALL, CHIEF GEOGRAPHER

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WORK DONE IN COOPERATION WITH THE STATE OF TEXAS  
DURING 1902, 1903, 1909, AND 1910



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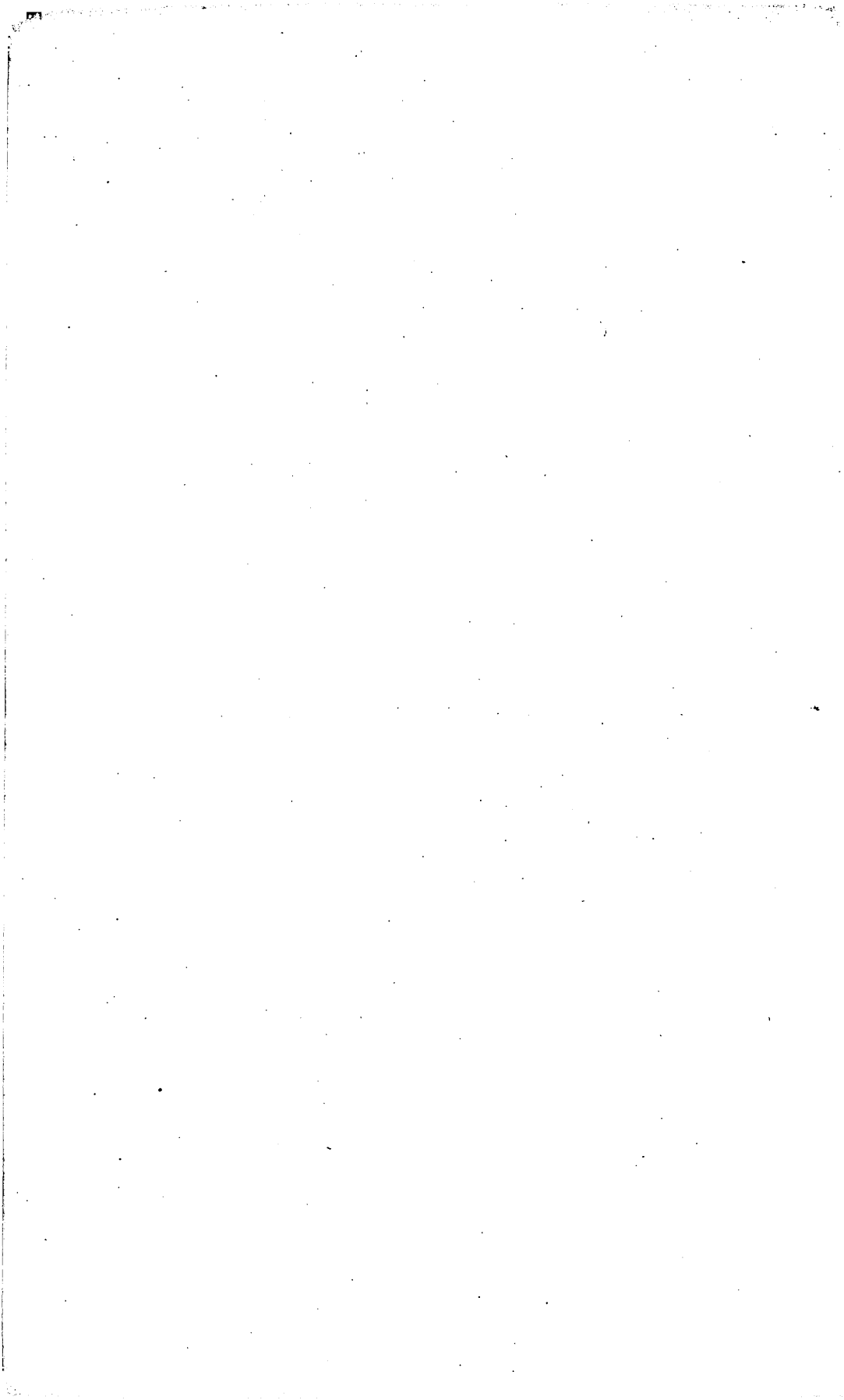
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## GEOLOGICAL SURVEY BENCH MARKS.

- A*, Tablet used in cooperating States. The State name is inserted at *G*.  
*B* and *D*, Copper temporary bench mark, consisting of a nail and copper washer.  
*A*, *C*, and *E*, Tablets for stone or concrete structures.  
*F*, Iron post used where there is no rock.

# RESULTS OF SPIRIT LEVELING IN TEXAS, 1896 TO 1910, INCLUSIVE.

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R. B. MARSHALL, Chief Geographer.

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## INTRODUCTION.

*Scope of the work.*—All results of spirit leveling in Texas previously published by the United States Geological Survey and all the results of later work are included in this report, rearranged by quadrangles. Elevations are based on heights of bench marks along precise-level lines of the Coast and Geodetic Survey as adjusted in 1907, and on the precise-level line of the United States Geological Survey from the Texas-New Mexico boundary line to El Paso. The elevations of certain bench marks in Brewster, El Paso, and Presidio Counties are based on railroad datum, as noted in the separate headings, and are, therefore, only approximate.

*Personnel.*—The field work from 1896 to 1906, inclusive, was done under E. M. Douglas, geographer, and the later work under E. C. Barnard, geographer, under the general direction of R. B. Marshall, chief geographer. The names of the various levelmen are given in the introduction to each list. The office work of computation, adjustment, and preparation of lists was done mainly by S. S. Gannett, geographer, and D. H. Baldwin, topographer, and since 1907 under the general direction of E. M. Douglas, geographer.

*Classification.*—The elevations are classified as precise or primary, according to the methods employed in their determination. For precise-level lines instruments and rods of the highest grade are used, each line is run both forward and backward, and every precaution is taken to guard against error. The allowable divergence between the forward and the backward lines in feet is represented by the formula  $0.017\sqrt{D}$ , in which  $D$  is the distance in miles between bench marks. For primary lines standard  $Y$  levels are used; lines are run in circuits or are closed on precise lines, with an allowable closing error in feet represented by  $0.05\sqrt{D}$ , in which  $D$  is the length of the circuit in miles, sufficient care being given to the work to maintain this standard. For levels of both classes careful office adjustments are made, the small outstanding errors being distributed over the lines.

*Bench marks.*—The standard bench marks are of two forms. The first form is a circular bronze or aluminum tablet (*C* and *E*, Pl. I),  $3\frac{1}{2}$  inches in diameter and one-quarter inch thick, having a 3-inch stem, which is cemented in a drill hole in solid rock in the wall of some public building, a bridge abutment, or other substantial masonry structure. The second form (*F*, Pl. I), used where masonry or rock is not available, consists of a hollow wrought-iron post  $3\frac{1}{2}$  inches in outer diameter and 4 feet in length. The bottom is spread out to a width of 10 inches in order to give a firm bearing on the earth. A bronze or aluminum-bronze cap is riveted over the top of the post, which is set about 3 feet in the ground. A third style of bench mark with abbreviated lettering (*B* and *D*, Pl. I), is used for unimportant points. This consists of a special copper nail  $1\frac{1}{2}$  inches in length driven through a copper washer seven-eighths inch in diameter. The tablets, as well as the caps on the iron posts, are appropriately lettered, and cooperation by States is indicated by the addition of the State name (*G*, Pl. I).

The numbers stamped on the bench marks described in the following pages represent the elevations to the nearest foot as determined by the levelman. These numbers are stamped with  $\frac{3}{16}$ -inch steel dies on the tablets or post caps to the left of the word "feet." The office adjustment of the notes and the reduction to mean sea level datum may so change some of the figures that the original markings are 1 or 2 feet in error. It is assumed that engineers and others who have occasion to use the bench-mark elevations will apply to the Director of the United States Geological Survey, at Washington, D. C., for the adjusted values and will use the markings as identification numbers only.

*Datum.*—All United States Geological Survey elevations are referred to mean sea level, which is the level that the sea would assume if the influence of winds and tides were eliminated. This level is not the elevation determined from the mean of the highest and the lowest tides, nor is it the half sum of the mean of all the high tides and the mean of all the low tides, which is called the half-tide level. *Mean sea level is the average height of the water, all stages of the tide being considered.* It is determined from observations made by means of tidal gages placed at stations where local conditions, such as long, narrow bays, rivers, and like features will not affect the height of the water. To obtain even approximately correct results, these observations must extend over at least one lunar month, and if accuracy is desired they must extend over several years. At ocean stations the half-tide level and mean sea level usually differ but little. It is assumed that there is no difference between the mean sea level as determined from observations in the Atlantic Ocean, the Gulf of Mexico, or the Pacific Ocean.

The connection with tidal stations for bench marks in certain areas that lie at some distance from the seacoast is still uncertain, and this fact is indicated by the addition of a letter or word to the right of the word "Datum" on tablets or posts. For such areas corrections for published results will be made from time to time as the precise-level lines of the United States Geological Survey or other Government organizations are extended.

*Topographic maps.*—Maps of the following quadrangles wholly or partly in Texas have been published by the United States Geological Survey up to May 1, 1911. They may be obtained, except as noted, for 5 cents each or \$3 a hundred, on application to the Director of the Survey at Washington, D. C.:

Abilene.	Kerrville.
Albany.	Lampasas.
Alpine.	Linden.
Anson.	Llano.
Atlanta (Tex.-Ark.-La.).	Marfa.
Austin.	Mason.
Ballinger.	Meridian.
Bastrop.	Montague (Tex.-Okla.).
Blanco.	New Boston.
Brackett.	Nueces.
Brady.	Palo Pinto.
Breckenridge.	Polvo.
Brownwood.	Rio Grande.
Burnet.	Roby.
Cerro Alto.	Rock Springs.
Chisos Mountains (double sheet, 10 cents).	Ruidosa.
Chispa.	Salt Basin.
Cleburne.	San Angelo.
Coleman.	San Antonio (double sheet, 10 cents).
Dallas.	San Carlos.
Denison (Tex.-Okla.).	San Saba.
Eagle Mountain.	Shafter.
Eastland.	Sherwood.
Eden.	Sierra Blanca.
El Paso.	Stephenville.
Flatonía.	Sweetwater.
Fort Davis.	Taylor.
Fort Hancock.	Temple.
Fort McKavett.	Terlingua.
Fort Worth.	Terlingua special.
Fredericksburg.	Texarkana (Tex.-Ark.).
Gainesville (Tex.-Okla.).	Texas contour map (15 cents).
Gatesville.	Uvalde.
Georgetown.	Valentine.
Granbury.	Van Horn.
Hamilton.	Waco.
Hayrick.	Weatherford.

## PRECISE LEVELING.

## Courchesne and El Paso Quadrangles.

## EL PASO COUNTY.

The following are the unadjusted results for the Texas portion of a precise level line run in 1905 by M. S. Bright along the Atchison, Topeka & Santa Fe Ry., from Albuquerque, N. M., to El Paso, Tex. The elevations accord with an elevation at Rincon determined by precise leveling from Yuma.

## COURCHESNE QUADRANGLE.

La Tuna south along Atchison, Topeka & Santa Fe Ry. to El Paso.

	Feet.
Vinton, 21 feet east of main line under Vinton signboard; iron post stamped "3774"-----	3,785.773
Canutillo, 80 feet east of main track, at southwest corner of J. J. Cumfid's house; iron post stamped "350-B-1905"-----	3,763.541
Montoya, in front of signboard, top of rail-----	3,753.41
Montoya, 1.5 mile south of, 40 feet west of road crossing, 5 feet east of fence corner; iron post stamped "354-B-1905"-----	3,749.837
Whites spur, top of rail-----	3,746.096
Whites spur, 2.8 miles south of, 0.25 mile north of milepost 1150, 50 feet east of track, 16 feet east of public road; iron post stamped "357-B-1905"-----	3,738.892
Whites spur, 5.25 miles south of, 240 feet north of public road crossing, 100 feet east of river, 45 feet east of track, 12 feet east of wagon road; iron post stamped "359-B-1905"-----	3,732.126
International boundary line monument 1; top of masonry at north-east corner (Boundary Commission elevation, 3,713.6)-----	3,725.166

## EL PASO QUADRANGLE.

Union Station via City Hall to El Paso County courthouse and return to Union Station.

El Paso, Atchison, Topeka & Santa Fe Ry. station, in front of; top of rail-----	3,708.45
El Paso, city hall, in west end of lower stone step at north entrance; aluminum tablet stamped "3698" (C. & G. S. unadjusted elevation, 1911, 3711.731 feet)-----	3,709.607
El Paso, city hall, in east end of steps at south entrance, in cement; aluminum tablet stamped "365-B-1905" (C. & G. S. unadjusted elevation, 1911, 3710.699 feet)-----	3,708.581
El Paso County courthouse, in west end of lower step at south entrance; aluminum tablet stamped "366-B-1905" (C. & G. S. unadjusted elevations, 1911, 3711.359 feet)-----	3,708.706
El Paso County courthouse, on top of pyramid stone at west side of north entrance; cross (city bench mark)-----	3,710.086
El Paso, in front of Southern Pacific R. R. station; top of rail-----	3,724.03
El Paso, in front of Union station; top of rail-----	3,724.07

## PRIMARY LEVELING.

Atlanta, Jefferson, Linden, New Boston, and Texarkana Quadrangles.

## BOWIE, CASS, AND MARION COUNTIES.

The elevations in these lists are based on elevations of the Coast and Geodetic Survey precise level line along Missouri, Kansas & Texas Railway at Jefferson and Pittsburg.

The leveling was done by Chester Irvine in 1905.

## JEFFERSON QUADRANGLE.

Jefferson via Texas &amp; Pacific Ry. northeast to Bivins.

Jefferson, opposite Missouri, Kansas & Texas Ry. station, 16 feet north of track, 7 feet north of telegraph pole, in top of limestone post 6 by 6 inches on top; bottom of square hole.....	Feet. 189.488
Jefferson, 2.7 miles north of, 300 feet east of Rowe's house, 20 feet west of track, in southwest corner of right of way fence at road crossing; iron post stamped "190 ADJ 1903".....	189.920
Jefferson, 6.5 miles north of, west of track, at corner of right of way fence at road crossing; iron post stamped "295 ADJ 1903".....	295.307
Lodi, in front of station; top of rail.....	247.7
Lodi, 100 feet south of station, 40 feet east of track, at corner of right of way fence; iron post stamped "253 ADJ 1903".....	253.298
Lodi, 3 miles north of, 40 feet west of spur to lumber shed, 500 feet northwest of milepost 39; iron post stamped "231 ADJ 1903".....	231.317
Kildare, in front of station; top of rail.....	285.32
Kildare, 1 mile north of, 600 feet north of milepost 36, 40 feet west of track, at road crossing; iron post stamped "252 ADJ 1903".....	252.158
Wayne water tank, 0.5 mile north of, 350 feet north of Lynch's house, 40 feet each of track at road crossing; iron post stamped "268 ADJ 1903".....	268.148

Linden southeast along road to Kildare.

Linden, 3.5 miles southeast of, 10 feet north of road, at forks, south end of lane at fence corner; iron post stamped "358 ADJ 1903".....	358.768
Kildare, 2.5 miles northwest of, 700 feet north of crossroads, on small summit 10 feet east of road; iron post stamped "342 ADJ 1903".....	342.746

## ATLANTA QUADRANGLE.

Bivins north along Texas &amp; Pacific Ry. to Alamo Mills.

Bivins, 30 feet north of track, 200 feet northeast of station; iron post stamped "313 ADJ 1903 Prim. Trav. Sta. No. 25".....	313.330
Bivins, in front of station; top of rail.....	314.0
Atlanta, 3 miles south of, 50 feet east of track, 20 feet east of first telegraph pole north of milepost 27; iron post stamped "279 ADJ 1903".....	279.448
Atlanta, 0.2 mile south of station, 120 feet south of milepost 24, 40 feet east of road crossing, in corner of right of way fence; iron post stamped "256 ADJ 1903".....	256.301

Queen City, 100 feet north of water tank, 40 feet east of track at road crossing, in corner of right of way fence; iron post stamped "Prim. Trav. Sta. No. 65 334 ADJ 1903"-----	Feet. 334. 141
Queen City, in front of station; top of rail-----	346. 1
Lanark, 150 feet north of station signboard, 40 feet east of track, at road crossing; iron post stamped "338 ADJ 1903"-----	338. 172
Springdale, 30 feet west of station signboard, 10 feet north of track; iron post stamped "244 ADJ 1903"-----	244. 488
Alamo, 900 feet north of station signboard, 50 feet west of track at road crossing, in corner of right of way fence; iron post stamped "Prim. Trav. Sta. No. 107 243 ADJ 1903"-----	243. 082

Atlanta east along Texas, Arkansas & Louisiana Ry. to Bloomburg, thence south along Kansas City Southern Ry. to State line near Ravana, Ark.

Atlanta, 0.2 mile south of, 120 feet south of milepost 24, 40 feet east of road crossing, in corner of right of way fence; iron post stamped "256 ADJ 1903"-----	256. 301
Atlanta, in front of station; top of rail-----	260. 6
Atlanta, 3.9 miles northeast of, north of track at road crossing; iron post stamped "349 ADJ 1903"-----	349. 243
Bloomburg, 350 feet west of station, 20 feet south of track, at road crossing; iron post stamped "310 ADJ 1903"-----	309. 921
Bloomburg, in front of station; top of rail-----	307.
Bloomburg, 2.5 miles south of, 40 feet east of track, on State line; iron post stamped "261 ADJ 1903"-----	261. 554

Atlanta northwest along road 3.4 miles.

Atlanta, 3.4 miles northwest of, 400 feet west of cabin, 15 feet north of road, at edge of large basin; iron post stamped "330 ADJ 1903"---	329. 799
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#### TEXARKANA QUADRANGLE.

Alamo Mills north along Texas & Pacific Ry. to Texarkana.

Sulphur, 1,900 feet south of station, 40 feet west of track at road crossing, in corner of right of way fence; iron post stamped "232 ADJ 1903"-----	232. 474
Sulphur, opposite station; top of rail-----	237. 9
Sulphur, 2.5 miles north of, 40 feet west of track, 30 feet south of milepost 5, south of gate at road crossing; iron post stamped "288 ADJ 1903"-----	288. 262
Texarkana, 2.9 miles south of, 600 feet north of milepost 3, south of road, 50 feet east of track; iron post stamped "274 ADJ 1903"---	274. 006
Texarkana, in front of Kansas City Southern Ry. station; top of rail-----	290. 03
Texarkana post office, in stone railing south front west of steps, 5 feet above sidewalk; bronze tablet stamped "332 ADJ 1903"-----	331. 896
Texarkana, Miller County (Ark.) courthouse, at northeast corner of yard, United States Geological Survey meridian mark; bronze tablet stamped "337 ADJ 1903 1905 TEXARKANA"-----	337. 447

**Texarkana southwest along tracks of St. Louis & Southwestern Ry. Co. of Texas to Redwater.**

Eylau, 1.5 miles southeast of station, in fence corner northwest of road crossing; iron post stamped "341 ADJ 1903"-----	Feet. 341.464
Rowans spur, 100 feet east of station signboard, south of track; iron post stamped "287 ADJ 1903"-----	286.702
Redwater, 2.9 miles east, Beesley road crossing, 30 feet east of track, in fence corner; iron post stamped "260 ADJ 1903"-----	260.470

**Texarkana west along Texas & Pacific Ry. to Leary.**

Argo, 1,000 feet west of signboard, 200 feet east of west end of siding, south of track; iron post stamped "294 ADJ 1903"-----	293.857
Park, in front of station; top of rail-----	352.3
Park, 200 feet east of station, north of track; iron post stamped "349 ADJ 1903"-----	349.419
Park, 2 miles west of, 340 feet east of milepost 7, 40 feet north of track; iron post stamped "Prim. Trav. Sta. No. 23 346 ADJ 1903"-----	346.507
Leary, 150 feet northeast of signboard post, north of track; iron post stamped "379 ADJ 1903"-----	379.084

**Texarkana north along Kansas City Southern Ry. to Whatley.**

Ghio Park, 25 feet southwest of main entrance of park, at street car crossing; iron post stamped "348 ADJ 1903"-----	348.071
Whatley, in front of station; top of rail-----	306.3
Whatley, north end of siding, 40 feet east of track, near fourth telegraph pole north of milepost 482; iron post stamped "300 ADJ 1903"-----	300.146

**NEW BOSTON QUADRANGLE.****Redwater southwest along track of St. Louis Southwestern Ry. Co. of Texas to Point near Bassett.**

Redwater, in fence corner 200 feet east of station, 40 feet north of road crossing; iron post stamped "294 ADJ 1903"-----	294.041
Redwater, in front of station; top of rail-----	291.5
Clem Sawmill spur, at corner fence 40 feet southeast of road crossing; iron post stamped "250 ADJ 1903"-----	249.881
Maud, in front of station; top of rail-----	289.10
Maud, 150 feet northwest of station, north of track near large oak tree; iron post stamped "289 ADJ 1903"-----	288.610
Corley, in front of station; top of rail-----	300.4
Corley, 0.5 mile west of, in fence corner 100 feet northeast of road crossing; iron post stamped "290 ADJ 1903"-----	289.721
Fowk siding, 0.5 mile east of, west of track at road crossing at Ashburn's house; iron post stamped "270 ADJ 1903"-----	270.210

**Leary west along Texas & Pacific Ry. to New Boston, thence southwest along road to Simms.**

Hooks, in front of station; top of rail-----	374.6
Hooks, 75 feet west of station, north of track and east of road crossing; iron post stamped "Prim. Trav. Sta. No. 52 376 ADJ 1903"-----	376.514
Whaley, in front of station; top of rail-----	360.8



Whaley, 10 feet northeast of signboard, 30 feet west of gate; iron post stamped "363 ADJ 1903"-----	Feet. 362.850
New Boston, 2 miles east of, 100 feet east of milepost 20, south of track at road crossing; iron post stamped "357 ADJ 1903"-----	357.601
New Boston, in front of station; top of rail-----	353.7
New Boston, 0.5 mile west of station, north of track and east of road crossing, in fence corner; iron post stamped "367 ADJ 1903"-----	366.774
New Boston, 3 miles southwest of, north of Mitchell house, at junction of New Boston and DeKalb roads; iron post stamped "341 ADJ 1903"-----	340.914
New Boston, 6.5 miles southwest of, south of road on north bank of Anderson Creek, 30 feet west of Thompson's mailbox; iron post stamped "286 ADJ 1903"-----	286.284

## LINDEN QUADRANGLE.

Point 3.4 miles northwest of Atlanta west along road via Douglassville to Cusseta.

Atlanta, 7.5 miles northwest of, 15 feet south of road at summit, 100 feet north of cabin; iron post stamped "420 ADJ 1903"-----	419.882
Douglassville, 3 miles east of, 12 feet south of road, 200 feet southwest of large white house; iron post stamped "408 ADJ 1903"-----	408.081
Douglassville, 100 feet northeast of Baptist Church, south of road at fence corner; iron post stamped "385 ADJ 1903"-----	385.053
Douglassville, 3.5 miles west of, 30 feet south of road forks, at corner of fence at cabin; iron post stamped "303 ADJ 1903"-----	303.493

## Cusseta southeast along road to Linden.

Cusseta, at forks of road 100 feet southwest of Fulcher store; iron post stamped "485 ADJ 1903"-----	485.490
Cusseta, 2.8 miles south of, 20 feet west of road, 20 feet west of house; iron post stamped "385 ADJ 1903"-----	385.639
Cusseta, 4 miles south of, 3 feet northeast of crossroads; iron post stamped "Prim. Trav. Sta. No. 341 400 ADJ 1903"-----	400.311
Cusseta, 6 miles southeast of, signboard "Linden 6½ miles" at crossroads; iron post stamped "402 ADJ 1903"-----	402.691
Linden, 3 miles northwest of, 10 feet west of road, 80 feet south of road forks, 500 feet north of old gin; iron post stamped "467 ADJ 1903"-----	467.561
Linden, at northeast corner of Cass County courthouse yard; iron post stamped "379 ADJ 1903 Prim. Trav. Sta."-----	379.246
Linden, 0.5 mile southeast of, 20 feet southwest of road forks, at end of lane; iron post stamped "367 ADJ 1903"-----	367.220

## Roach southwest along road to Linden.

Linden, 5 miles northeast of, 200 feet south of road, at north front of New Colony Church; iron post stamped "306"-----	306.079
Linden, 3 miles northeast of, 10 feet north of road at summit, 300 feet east of cabin; iron post stamped "371 ADJ 1903"-----	371.154

## Atlanta southwest along road to Roach.

Roach, 40 feet southeast of road forks; iron post stamped "308 ADJ 1903"-----	308.176
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Linden west along road to point near Milne, thence north to point 5 miles southeast of Cusseta on Cusseta-Linden road.

Linden, 4.8 miles west of, 10 feet south of road and east of basin; iron post stamped "320 ADJ 1903"-----	Feet. 320. 111
Jaybart, 1.2 miles east of, 300 feet south of Griffiths farmhouse, at forks of road; iron post stamped "310 ADJ 1903"-----	310. 070
Jaybart, 2 miles north of, 40 feet southeast of road forks; iron post stamped "300 ADJ 1903"-----	300. 377
Almira, 150 feet west of post office, southwest of forks of road; iron post stamped "357 ADJ 1903"-----	358. 052

Bassett, Bogata, Boxelder, Daingerfield, Hughes Springs, Mount Pleasant, and Shawneetown Quadrangles.

#### BOWIE, CASS, RED RIVER, AND TITUS COUNTIES.

The elevations in the following list are based on the Coast and Geodetic Survey precise level line along the Missouri, Kansas & Texas Ry.

The leveling was done by W. A. Gelbach, in 1908, with the exception of a line along the St. Louis Southwestern Railway Co. of Texas tracks, run by Chester Irvine in 1905.

#### BASSETT QUADRANGLE.

Simms southwest along track of St. Louis Southwestern Ry. of Texas to Bridge 103.

Simms, in front of station; top of rail-----	Feet. 276. 3
Sims, 1,000 feet west of signboard, 60 feet south of west end of siding; iron post stamped "275 ADJ 1903"-----	274. 940
Bassett, 60 feet east of station, 20 feet south of track, 20 feet west of pump house; iron post stamped "249 ADJ 1903"-----	249. 306
Finley, 0.5 mile east of, sixth telegraph pole east of milepost 454, in corner of right of way fence, 40 feet southeast of road crossing; iron post stamped "261 ADJ 1903"-----	261. 419
Finley, in front of station signboard; top of rail-----	259. 4
Naples, 4.5 miles east of, 40 feet south of track, 150 feet west of Bridge 103; iron post stamped "259 ADJ 1903"-----	259. 519

Simms north along highway to Malta.

Simms, 100 feet southeast of Simms's house, north of road near telegraph pole; iron post stamped "352 ADJ 1903"-----	352. 559
Simms, 0.5 mile west of, signboard "Bassett 4 M," T road east, head of spike in root on north side of tree-----	338. 50
Simms, 2.2 miles northwest of, on Malta road, northeast corner of crossroads; head of spike in root of tree-----	360. 84
Simms, 2.8 miles north of, on Malta road, in front of T road north, 400 feet west of John Harris's house; iron post stamped "Prim. Trav. Sta. No. 94, 352 1908"-----	352. 349
Anderson Creek bridge, 0.3 mile north of, northeast corner of T road east; head of spike in root on south side of tree-----	284. 83

Anderson Creek bridge, 1.3 miles north of, 100 feet north of bridge over small stream, east of road at road fork west; iron post stamped "306 1908"-----	Feet. 306. 269
De Kalb, 9 miles southeast of T road east; spike in root of tree with signboard-----	350. 74
Malta, 2 miles south of, west of Simms road at junction of New Boston-De Kalb road, 50 feet west of small creek, in top of small knoll; iron post stamped "371 1908"-----	371. 279
Malta, 1.3 miles south of, at crossroads; head of spike in root of tree-----	365. 77
Malta, 50 feet north of Texas & Pacific Ry. track, at crossing in front of Norman's store, corner of right of way fence; iron post stamped "Prim. Trav. Sta. No. 103, 409 1908"-----	409. 113

## De Kalb southwest along highway to Lydia.

De Kalb, 0.8 mile south of, at road fork west; head of spike in root of tree-----	370. 63
De Kalb, 2.1 miles south of, east of road at fork of roads to Dalby Springs and Lydia, in top of hill south of Anderson Creek; iron post stamped "375 1908"-----	374. 947
De Kalb, 4 miles southwest of, on Lydia road, 700 feet east of N. Lawrence's house, 55 feet west of mail box 76, south of road on top of mound; iron post stamped "416 1908"-----	415. 917
Lydia, 3.5 miles northeast of, on De Kalb road, 60 feet east of signboard. "De Kalb 7 miles," 200 feet west of small creek, south of road, in top of knoll; iron post stamped "392 1908"-----	392. 060

## Lydia southeast along highway to Bassett, thence west to Finley.

Lydia, 3 miles southeast of, on Dalby Springs road, 0.4 mile north of signboard "Dalby Springs 4 miles," northeast corner of crossroads, signboard "De Kalb 8 miles"; iron post stamped "360 1908"-----	360. 159
Dalby Springs, 0.9 mile north of, 60 feet south of T road west leading to Lydia, east of road; iron post stamped "341 1908"-----	341. 414
Dalby Springs, 100 feet south of bridge; head of spike in root on north side of large white oak tree-----	308. 15
Dalby Springs, 0.5 mile east of; head of spike in root of tree at north-east corner of T road north-----	326. 43
Dalby Springs, 3 miles east of, on Bassett road, 1 mile north of Pinkham, 500 feet northeast of Christopher Black's house, at crossroads, near mail-box post; iron post stamped "332 1908"-----	332. 160
Pinkham, 1 mile south of, east of road opposite empty house, 40 feet south of fork in road; iron post stamped "276 1908"-----	275. 641
Bassett, 1.8 miles north of, on Dalby Springs road, east of road opposite corner of field, 700 feet north of empty house; iron post stamped "278 1908"-----	278. 227
Bassett, iron railway water tank, northwest side of, 4 feet west of bottom of iron ladder on tank, 2 inches below bottom of tank, notch cut in slope of concrete foundation-----	251. 77
Finley, 0.5 mile east of, at railway crossing, southwest corner of, in corner of right-of-way fence, 6 feet west of byroad, 11 feet north of south line of right of way, projecting about 1 inch above ground; iron post stamped "261 ADJ 1903"-----	261. 419

## DAINGERFIELD QUADRANGLE.

Bridge 103 southwest along track of St. Louis Southwestern Ry. Co. of Texas to Omaha.

Naples, 1.1 miles east of, 120 feet east of bridge 120, 40 feet southwest of road crossing at west end of cut; iron post stamped "320 ADJ 1903" -----	Feet. 319.874
Naples, in front of station; top of rail-----	403.5
Naples, 1,500 feet west of station, 40 feet north of track, at corner of right of way fence at road crossing; iron post stamped "402 ADJ 1903" -----	402.410
Omaha, 60 feet west of station, 40 feet north of track; iron post stamped "406 ADJ 1903" -----	409.168

## Naples southeast along highway to Cusseta.

Naples, 4 miles east of, on Marietta road, 500 feet north of Dr. J. Davis's house, south of road, 40 feet west of "Naples 4 miles" post; iron post stamped "388 1908" -----	387.581
Dalton, road fork by cotton gin and sawmill; head of spike in base of white oak tree -----	300.10
Dalton, 0.3 mile east of, fork of Bryan's mill and Marietta roads; head of spike in root of tree-----	341.41
Marietta, 3 miles northwest of, on Naples road, 300 feet east of Hampton's house, southeast corner of crossroads; iron post stamped "361 1908" -----	361.171
Marietta, west edge of, north of road, 200 feet west of blacksmith shop; iron post stamped "356 1908"-----	356.099
Cusseta, 3.5 miles west of, crossroads top of hill in front of white house, spike in root of tree-----	387.97

## Point near Cusseta southwest and south along highway to Jaybart.

Flat Creek Church, 180 feet southeast of, in fork of road; iron post stamped "365 1908" -----	365.325
Levi Milner's house (formerly Jaybart post office), 0.5 mile south of, at road fork; head of spike in top of stump-----	350.98
Sardis, 4.4 miles northeast of, 1 mile south of Levi Milner's house (formerly Jaybart post office), at fork of road, 0.5 mile northeast of sawmill; iron post stamped "343 1908" -----	343.304

## Jaybart southwest along highway to Sardis.

Sardis Church, 180 feet northwest of, in fork of road; iron post stamped "Prim. Trav. Sta. No. 4, 309 1908"-----	309.564
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## Daingerfield north along highway to Omaha.

Daingerfield, in west side of county courthouse, in center of fourth brick from northwest corner of building, about 4 feet from ground and midway between window and northwest corner; copper bolt (Coast and Geodetic Survey bench mark A-3)-----	402.852
Rocky Branch, 2 miles south of, 4 miles north of Daingerfield, top of hill south of cotton gin, at fork of road to west; head of spike in root of tree -----	409.54
Rocky Branch, 1.7 miles south of, 4.5 miles north of Daingerfield, east of road opposite J. R. Old's house; iron post stamped "430 1908" --	429.699

Omaha, 4 miles south of, 0.3 mile north of signboard "Omaha 4 miles," east of road, in forks of road; iron post stamped "Prim. Trav. Sta. No. 3, 1908, 385"-----	Feet. 385.514
Omaha, 2.5 miles south of, in fork of road in front of small school-house; head of spike in root of tree-----	363.91
Omaha, 0.5 mile south of, T road north; head of spike in root of tree-----	386.26

**HUGHES SPRINGS QUADRANGLE.****Sardis southwest to Hughes Springs.**

Sardis, 1.9 miles west of, on Hughes Springs road, northeast corner of T road north; iron post stamped "330 1908"-----	Feet. 330.084
Hughes Springs, 3.8 miles east of, on Sardis road, south of road at T road north to Linden, foot of mail box 98, head of spike in root of tree-----	357.57
Wilson siding, 1.5 miles south of Hughes Springs, on Missouri, Kansas & Texas Ry.; top of rail in front of signboard-----	326.0
Hughes Springs, in west face of brick building owned by T. B. Keaster, in new part of building, in double column where old and new buildings join, 11 paces from northwest corner of building, in twenty-first tier of brick above concrete sidewalk; copper bolt (Coast and Geodetic Survey bench mark B-3)-----	378.263

**SHAWNEETOWN QUADRANGLE.****Malta west along Texas & Pacific Ry. to De Kalb.**

De Kalb, 2.8 miles east of, at railway crossing, 60 feet north of track, in corner of right of way fence; iron post stamped "Prim. Trav. Sta. No. 113, 406"-----	406.062
De Kalb, in front of station; top of rail-----	408.5
De Kalb, 1,980 feet west of station, north of track, in corner of right of way fence; iron post stamped "Prim. Trav. Sta. No. 128, 408, 1908"-----	407.971

**BOXELDER QUADRANGLE.****Near Lydia.**

Lydia, 0.3 mile east of by 0.3 mile northeast of, spike in root of tree at fork of road-----	401.61
Lydia, 0.3 mile east of, at junction of roads from Rock Crossing, Dalby Springs, and De Kalb, center of open space at road fork; iron post stamped "389 1908, Prim. Trav. Sta. No. 8"-----	388.741

**Point 5 miles north of Omaha north along highway to Lydia.**

John Hagard's house, T road west, head of spike in root of tree at northwest corner of T road-----	297.93
Rock Crossing, 5 miles south of, 700 feet north of John Hagard's house, 0.8 mile south of White Oak River bottom, T road east; iron post stamped "295" (west of road)-----	295.389
White Oak River bottom, south edge of, west of road, head of spike in root of large elm tree-----	251.97
Rock Crossing, on Sulphur River, 0.3 mile south of, at junction of road from west; iron post stamped "Prim. Trav. Sta. No. 7, 296 1908"---	296.207

Rock Crossing, 2.3 miles north of, in front of house at fork of road (fork of road leads to Dalby Springs, left hand fork leads to Lydia); iron post stamped "Prim. Trav. Sta., 301, 1908"-----	Feet. 300.964
Rock Crossing, 5 miles north of, 6 miles south of Lydia, crossroads at north end of lane near sawmill, southeast corner of; iron post stamped "306 1908"-----	303.696
J. M. Eitel's house (formerly Millie post office), 1.1 miles north of, 3 miles south of Lydia, west of road, 40 feet north of road fork east, in old field; iron post stamped "Prim. Trav. Sta., 329, 1908"-----	329.185
Lydia, 0.3 mile east of, at junction of roads from Rock Crossing, Dalby Springs, and De Kalb, center of open space at road fork; iron post stamped "Prim. Trav. Sta. No. 8; 389 1908"-----	388.741
Lydia, in center of open space, head of spike in root on north side of tree-----	377.29

## Lydia west along highway to Garvensville (Cuthand post office).

Lydia, 2 miles west of, road fork north to Clarksville; head of spike in root of tree-----	388.79
Lydia, 2.5 miles west of, T road north by small cemetery, north of road on high bank; iron post stamped "373 1908"-----	373.370
Shawnee Church, 200 feet south of, at fork of road; iron post stamped "364 1908"-----	363.822
Shawnee Church, 1.1 miles west of, at road fork north, near guide post "Annona 10 $\frac{1}{4}$ miles;" head of spike in top of stump-----	390.96
Boxelder, 1.5 miles east of, southeast corner of T road south, at north end of lane; iron post stamped "360 1908"-----	360.326
Boxelder, 2.5 miles southwest of, on Cuthand road, east of road, opposite Cole's house; iron post stamped "315 1908"-----	315.232
Cuthand Creek bottom, 1.2 miles west of edge of, on Garvensville road, 100 yards west of empty house west of road, at turn at corner of a field; iron post stamped "320 1908"-----	320.555
Garvensville (Cuthand post office), 4.3 miles east of, at fork of Boxelder and Hartsbluff roads, 0.5 mile north of country church; iron post stamped "376 1908"-----	375.854
Garvensville, 3.3 miles east of, southeast corner of crossroads; head of spike in root of white oak tree-----	367.12
Garnersville, 3 miles east of, at T road east; head of spike in root on east side of large double tree-----	364.33

## Goolesboro east along highway to Rock Crossing.

Goolesboro, 0.5 mile east of; iron post stamped "Prim. Trav. Sta. No. 109"-----	340.324
Goolesboro, 2 miles east of, road fork north, 100 feet east of house; spike head in root of tree-----	344.82
Goolesboro, 2.8 miles east of, 150 feet from junction of road from north, in front of house; spike head in root of tree-----	333.48
Sign post "Goolesboro 3 miles," 700 feet east of, north of road on top of small knoll; iron post stamped "390 1908"-----	389.650
Blalock post office, 0.5 mile south of, 3 miles north of Wilkinson post office, west of road at fork; spike in root of white-oak tree-----	366.28
Wilkinson post office, 2.2 miles north of, 1.2 miles south of Blalock post office, west of road; iron post stamped "341 1908"-----	340.685

Wilkinson post office, 1.6 miles north of, at road fork at north end of lane, west of road; spike head in root of large oak tree-----	Feet. 336.68
Wilkinson post office, opposite, east of road; iron post stamped "300 1908"-----	299.814
P. Harris's house, 0.3 mile north of, on Mount Pleasant-Hartsbluff road, 200 feet north of crossroads, west of road; iron post stamped "325 1908"-----	324.706
Mount Pleasant-Hartsbluff road, 2.8 miles east of, on Rock Crossing road, north of road, opposite northeast corner of field by empty house, on top of small knoll; iron pst stamped "339 1908"-----	339.784
Jack Wild's ranch, southwest corner of yard, 1 mile east of house of Arthur Miller; iron post stamped "325 1908"-----	325.286
Ellis Bridge, crossing White Oak Creek, 1.5 miles north of, 400 feet north of negro schoolhouse on west side of road; iron post stamped "298 1908"-----	297.201
Ellis Bridge, 0.5 mile north of, at crossroads; head of spike in root of white-oak tree in middle of road-----	290.47
Ellis Bridge, on White Oak Creek, 0.8 mile east by 0.5 mile north of, 0.7 mile east of slough; head of spike in root of oak tree-----	302.19
Rock Crossing, 3 miles west of, on Goolesboro road, southeast corner of yard of an empty house owned by James Rogers; iron post stamped "298 1908"-----	297.635

#### MOUNT PLEASANT QUADRANGLE.

Omaha west along track of St. Louis Southwestern Ry. Co. of Texas to Mount Pleasant, thence south to Pittsburg.

Cookville, 2.8 miles east of, 40 feet south of track at road crossing, in corner of right of way fence; iron post stamped "404 ADJ 1903"-----	403.731
Cookville, 1,150 feet west of, 40 feet north of track in fence corner; iron post stamped "440 ADJ 1903"-----	440.284
Mount Pleasant, 4 miles east of, 1,900 feet east of milepost 476, 40 feet northeast of road crossing; iron post stamped "367 ADJ 1903"-----	367.541
Mount Pleasant, 0.5 mile north of, 90 feet southeast of road crossing, 80 feet east of tool house; iron post stamped "401 ADJ"-----	401.021
Mount Pleasant, in front of station; top of rail-----	401.3
Mount Pleasant, south front of courthouse, 4 feet above ground, in granite railing; bronze tablet stamped "413 ADJ 1903, Prim. Trav. Sta. No. 231"-----	413.167
Mount Pleasant, 2.5 miles south of, 40 feet west of track at road crossing, in corner of right of way fence; iron post stamped "397 ADJ 1903 Prim. Trav. Sta. No. 12"-----	396.986
Big Cypress, 1.2 miles north of, 300 feet north of milepost 485, 60 feet west of private road crossing; iron post stamped "293 ADJ 1903"-----	292.787
Big Cypress, in front of station; top of rail-----	352.0
Pittsburg, 3 miles north of, 80 feet east of road crossing, at milepost 488, south side of gate; iron post stamped "Prim. Trav. Sta. No. 37, 315 ADJ 1903"-----	315.439
Pittsburg, 0.2 mile north of, 30 feet west of track, 80 feet southwest of road crossing; iron post stamped "386 ADJ 1903"-----	385.914

**Omaha north along highway 5 miles.**

Omaha, 2.3 miles north of, southwest corner of crossroads, head of spike, in root of tree-----	Feet. 421. 70
Omaha, 4 miles north of, Motley's cotton gin, southeast corner of crossroads; iron post stamped "Prim. Trav. Sta. No. 2, 1908, 325"-----	324. 674
Motley's cotton gin, 0.5 mile north of, T road east, east of road, head of spike in root of large white oak tree-----	335. 74

**Mount Pleasant northwest along highway to Payne's store.**

Mount Pleasant, 0.5 mile north of station, 80 feet east of tool house by road crossing, in corner of field; iron post stamped "401 ADJ 1903"-----	401. 021
Mount Pleasant, 2 miles north of, 700 feet north of bridge over creek north of two-mile post from Mount Pleasant, east of road; iron post stamped "Prim. Trav. Sta. No. 215, 371 1908"-----	370. 818
Mount Pleasant, 4.5 miles north of, east of road, 400 feet north of road fork east; iron post stamped "Prim. Trav. Sta. No. 193, 461 1908"-----	460. 758
Payne's store, 50 feet northwest of, east of road; iron post stamped "Prim. Trav. Sta. No. 178, 398 1908"-----	397. 788

**Cason northwest along highway to Mount Pleasant.**

Cason, 50 feet south of track, in corner of yard at railroad crossing, seven telegraph poles west of station; stone marked "U. S. <input type="checkbox"/> B. M." (Coast and Geodetic Survey bench mark)-----	326. 121
Cason, in front of station; top of rail-----	336. 8
Cason, 2.5 miles north of, T road west to Mount Pleasant, head of spike in tree root-----	370. 79
Cason, 3 miles northwest of, on Mount Pleasant road, 0.7 mile south of Swanins Creek, in fork of road near mail box 18; iron post stamped "354 1908"-----	354. 103
Mount Pleasant, milepost 8 miles southeast of, northwest corner of T road west, 0.6 mile south of creek; iron post stamped "358 1908"-----	357. 920
Mount Pleasant, 6.2 miles southeast of, on Cason road, 150 feet north of schoolhouse in fork of road, spike head in root of large oak tree-----	408. 99
Mount Pleasant, 3.8 miles southeast of, at junction of Cason road and Mount Pleasant-Daingerfield road, in fork; iron post stamped "380 1908"-----	380. 140
Mount Pleasant, 3.3 miles southeast of, on Cason road, spike in root of large oak tree in middle of crossroads-----	362. 05

**BOGATA QUADRANGLE.****Payne's store north along highway via Goolesboro to Cuthand Creek.**

John Thompson's house, 700 feet south of, west of road, at road fork to west, near post holding five mail boxes; iron post stamped "377 1908"-----	377. 464
John Thompson's house, 250 feet north of, nail in root on west side of tree at T road east-----	373. 88
George Baker's house, 400 feet south of, west of road; iron post stamped "Prim. Trav. Sta. No. 154, 336 1908"-----	336. 137



Mount Pleasant 13-mile post, 200 feet north of, east of road; iron post stamped "Prim. Trav. Sta. No. 130, 308 1908"-----	Feet. 308. 037
Goolesboro, 0.5 mile east of, 1,200 feet north of crossroads, west of road, top of hill at south edge of Sulphur River bottom; iron post stamped "Prim. Trav. Sta. No. 109, 340 1908"-----	340. 324
Sulphur River bridge, 1.3 miles north of, east of road in lane; iron post stamped "Prim. Trav. Sta. No. 86, 330 1908"-----	330. 213
Sulphur River bridge, 2 miles north of, at road fork east and west, nail in root on north side of tree to east of road-----	333. 31
Garvensville (Cuthand post office), 1 mile south of, southeast corner of crossroads; iron post stamped "Prim. Trav. Sta. No. 69, 360 1908"-----	360. 407
Garvensville (Cuthand post office), northeast corner of cemetery, southwest corner of T road west, head of spike in root of tree----	373. 14
Garvensville (Cuthand post office), 0.8 mile north of, east of road; iron post stamped "Prim. Trav. Sta. No. 59, 409 1908"-----	409. 063

**Bonham, Clarksville, Denison, Denton, Gainesville, Montague, and Paris  
Quadrangles.**

**COOK, FANNIN, GRAYSON, LAMAR, MONTAGUE, AND RED RIVER COUNTIES.**

The elevations in the following list are based on bench marks determined by the precise line of the Coast and Geodetic Survey in the western part of the Montague quadrangle.

Most of the leveling was done by E. W. Glafcke in 1899 and 1900, and by M. S. Bright in 1901, 1902, and 1903. One line in the Clarksville quadrangle was run in 1908 by W. A. Gelbach. The leveling in the Denison quadrangle was done by A. F. Hassan in connection with topographic surveys of the Indian Territory.

**MONTAGUE QUADRANGLE.**

Terral, Okla., to St. Jo, Tex., via Chicago, Rock Island & Gulf Ry. and Missouri, Kansas & Texas Ry.

Ringgold, 180 feet east of Missouri, Kansas & Texas Ry. station, at end of platform between main tracks and switch; iron post stamped "894 GAINV"-----	Feet. 894. 650
Ringgold, 3.2 miles east of, 50 feet north of the Missouri, Kansas & Texas Ry. track, and 150 feet east of milepost 752, near railroad fence; iron post stamped "824 GAINV"-----	824. 676
Belcherville, 50 feet north of Missouri, Kansas & Texas station, and 10 feet north of switch at intersection of sidewalk on principal street; iron post stamped "896 GAINV"-----	896. 702
Belcherville, 3.5 miles east of, at public road crossing 6 feet north of track, east side of road; iron post stamped "853 GAINV"-----	853. 382
Nocona, southeast corner of principal street, 200 feet north of station; iron post stamped "980 GAINV"-----	980. 576
Nocona, 3.5 miles east of, 9 rail lengths east of milepost 739; iron post stamped "904 GAINV"-----	904. 555
Nocona, 6 miles east of, at public road crossing 40 feet south of track; 6 telegraph poles west of milepost 737; iron post stamped "892 GAINV"-----	892. 688

Bonita, 200 feet north of Missouri, Kansas & Texas Ry. station; 15 feet north of main track, at base of telegraph pole; iron post stamped "931 GAINV"-----	Feet. 931. 332
Bonita, 3 miles east of, 25 feet north of track, at milepost 731, public road crossing; iron post stamped "1009 GAINV"-----	1, 009. 680
St. Jo, 300 feet east of Missouri, Kansas & Texas Ry. station, 10 feet south of main track near wagon road; iron post stamped "1142 GAINV"-----	1, 141. 199

## Point 4 miles northwest of Bulcher to Nocona.

Bulcher, 7.2 miles northwest of, A. A. Kennedy's ranch, 800 feet east of house, at intersection of public road and Bonita road; iron post stamped "977 GAINV"-----	978. 461
Bulcher, 11 miles northwest of, 8 miles northeast of Nocona, at junction of Nocona and Illinois Bend roads; iron post stamped "1008 GAINV"-----	1, 009. 329
Nocona, 5 miles southeast of, at left side of road, at mouth of lane, east of iron bridge across Farmers Creek; iron post stamped "907 GAINV"-----	907. 910

## Nocona southwest via Montague to Bowie and Ringgold.

Nocona, 3 miles southwest of, east side of public road to Montague, in sandstone ledge; aluminum tablet stamped "942 GAINV"-----	942. 879
Nocona, 6.2 miles southwest of, 500 feet due south of Dixie school-house, 10 feet west of public road, 3.5 miles northeast of Montague; iron post stamped "941 GAINV"-----	941. 896
Montague, in west capstone of county courthouse, south side of main entrance; aluminum tablet stamped "1076 GAINV"-----	1, 075. 962
Montague, 3.7 miles southwest of, north side of telephone road, 500 feet northwest of farmhouse; iron post stamped "1073 GAINV"-----	1, 073. 206
Montague, 6.5 miles southwest of, at turn in north of telephone road, 1,000 feet east of east fork of Denton Creek; iron post stamped "1058 GAINV"-----	1, 057. 931
Montague, 10.5 miles southwest of, on high mesa to right of road, 0.8 mile southwest of suspension bridge, 3.8 miles from Bowie; iron post stamped "1127 GAINV"-----	1, 127. 455
Bowie, southwest corner of street at Brown Hotel, 100 feet east of Fort Worth & Denver City Ry. station; iron post stamped "1124 GAINV"-----	1, 124. 135
Bowie, 2 miles northwest of, top of section of rail west of railroad track for marker at milepost 542-----	1, 051. 826
Bowie, 3 miles northwest of, top of section of rail on end in ground for marker at milepost 541-----	1, 015. 20
Bowie, 4 miles northwest of, 40 feet east of Chicago, Rock Island & Gulf Ry. track, at public road crossing, 210 feet south of milepost 540; iron post stamped "989 GAINV"-----	989. 628
Bowie, 5 miles northwest of, top of section of rail on end in ground at milepost 539-----	960. 84
Stoneburg, 500 feet west of Chicago, Rock Island & Gulf Ry. station, at northeast corner of post-office building; iron post stamped "936 GAINV"-----	936. 501
Stoneburg, 1.5 miles west of, top of section of rail on end in ground for marker at milepost 534-----	901. 946

Stoneburg, 2.5 miles northwest of, top of section of rail on end in ground for marker at milepost 533-----	Feet. 869.025
Stoneburg, 3.5 miles northwest of, top of section of rail on end in ground for marker at milepost 532-----	863.71
Stoneburg, 4.5 miles northwest of, 50 feet west of track on right of way, 50 feet south of milepost 531, opposite Walker's ranch; iron post stamped "876 GAINV"-----	876.306
Stoneburg, 5.5 miles northwest of, top of section of rail on end in ground for market at milepost 530-----	865.93
Stoneburg, 6.5 miles northwest of, top of section of rail on end in ground for marker at milepost 529-----	869.80
Ringgold, 3 miles south of, 7.5 miles northwest of Stoneburg, intersection of public road and railroad crossing, 1,300 feet north of milepost 528, 46 feet east of railroad track; iron post stamped "897 GAINV"-----	896.741

#### Hardy north to St. Jo.

Hardy, 1 mile east of, 600 feet south of Henry Norman's farmhouse, south side of road, top of ridge, in 18-inch post oak tree; spike----	1,052.117
Hardy, north side of Gainesville and Montague road, 217 feet west of D. P. McCracken's store; iron post stamped "952 GAINSV"-----	952.968
Hardy, 1.5 miles north of, northwest side of road, top of ridge in south side of 20-inch broken-top post-oak tree, spike-----	1,020.065
Gladys, 25 feet west of post office, east side of St. Jo and Hardy road; iron post stamped "1027 GAINSV"-----	1,028.301
St. Jo, 3.5 miles south of, on west side of St. Jo and Hardy road, 40 feet south of fence corner at angle in road north and west, 0.8 mile south of lane running west; iron post stamped "1167 GAINSV"----	1,168.773

#### Nocona north 6 miles over Nocona and Reed River station road, thence east to Pearson, thence south to railroad.

Nocona, 4 miles northwest of, east side of Nocona and Reed River station road, 10 feet south of lane leading east; iron post stamped "880 GAINSV"-----	880.756
Nocona, 5.25 miles north of, east side of road at intersection of Red River station road with Seag crossing and Nocona road; iron post stamped "846 GAINSV"-----	846.750
Pearson post office, 80 feet south of, west side of Spanish Fort and Nocona road, 15 feet south of road leading west; iron post stamped "936 GAINSV"-----	936.899
Pearson, 3.25 miles south of, 500 feet east of Loving's farmhouse, north side of road leading east and head of lane leading south; bronze tablet set in sandstone rock stamped "909 GAINSV"-----	910.054

#### Point 6 miles east of Nocona south over settlement roads via Blue Mound to Dye Mound, thence southwest via Mallard to Fruitland.

Starkeye graveyard, north side at forks, 17 feet east of southwest fence corner; iron post stamped "987 GAINSV"-----	988.314
Blue Mound schoolhouse, 120 feet south of, south side of St. Jo and Montague road; iron post stamped "1123 GAINSV"-----	1,124.388
Dye Mound, 0.25 mile northwest of post office, top of ridge at west end of Mound, east side of road by wire fence; iron post stamped "1235 GAINSV"-----	1,236.436

Mallard, northwest corner C. T. Jester's store and post office; iron post stamped "985 GAINSV"-----	Feet. 986.527
Dry Valley schoolhouse, 2 feet north of and 200 feet south of crossroads; iron post stamped "933 GAINSV"-----	934.519
H. H. McPherson's farmhouse, 150 feet east of, 4 feet north of northwest corner fence post, at crossroads; iron post stamped "1021 GAINSV"-----	1,022.165

Fruitland along road and railroad west to Lee May's ranch, thence north to Stoneburg.

Fruitland, in west side of stone chimney on south side of house owned by W. H. Searborough, about 5 feet from ground and 6 inches from edge of chimney; copper bolt (Coast and Geodetic Survey bench mark "H")-----	1,054.061
Bowie, 4 miles south of, 150 feet southeast of Rock Hill schoolhouse, in forks of Park Springs and Bowie and Crafton roads; iron post stamped "972 GAINSV"-----	973.538
Lee May's ranch house, 2,000 feet south of, east side of road, south end of lane leading north, 4 feet north of fence corner; iron post stamped "1006 GAINSV"-----	1,007.560
Montague coal mine, 655 feet west of, west edge of chiseled point on sandstone outcrop-----	984.751
Bowie, 7 miles west of, 0.6 mile north of Z. M. Wilson's farmhouse, south edge of drain, on east side Stoneburg and Newport public road, 856 feet south of crossroads; bronze tablet stamped "1004 GAINSV"-----	1,005.700
Bowie, 6 miles northwest of, 500 feet west of milepost "Forth Worth 74 Denver 730," 150 feet north of Fort Worth & Denver City R. R. track, at northeast fence corner, head of lane leading north; iron post stamped "995 GAINSV"-----	996.256
H. A. Speer's farmhouse, 400 feet north of, 4 feet south of southwest fence corner, at crossroads; iron post stamped "947 GAINSV"-----	948.082
Stoneburg, southwest corner of southwest one of four inner stone blocks supporting water tank, 4 inches from either edge; cross in top of a copper bolt leaded vertically in the stone (Coast and Geodetic Survey bench mark "E")-----	935.410

Stoneburg east along roads about 3 miles, thence north via Harmony schoolhouse to Belcherville.

Stoneburg, 3.25 miles east of, 600 feet east of bridge over Victoria Creek, 150 feet west of road forks, south side of road at fence corner; iron post stamped "893 GAINSV"-----	892.907
Belcherville, 4.8 miles south of, south side of Montague and Henrietta road, head of lane leading north to Belcherville; iron post stamped "909 GAINSV"-----	909.262

Montague southeast to crossing of Forestburg-Montague and Bowie-St. Jo public roads.

Montague, 1 mile southeast of, east side of road in front of house, nail in 16-inch post oak tree-----	1,077.677
Montague, 4 miles southeast of, south side of road; point on top of milestone 4-----	1,126.262

## GAINESVILLE QUADRANGLE.

## St. Jo east to Lindsay.

St. Jo, 3.2 miles east of, 5 telegraph poles east of milepost 723 and 300 feet east of bridge 1453, south side of railroad track, on edge of right of way along public road; iron post stamped "1166 GAINV"-----	Feet. 1,166.363
St. Jo, 6.2 miles east of, on east side of public road 60 feet south of Missouri, Kansas & Texas Ry. track, near corner of guard fence; iron post stamped "1036 GAINV"-----	1,036.693
Muenster, 125 feet northeast of station in southwest corner of lumber yard on principal street; iron post stamped "971 GAINV"-----	971.633
Myra, 300 feet north of railroad track, west side of public road, opposite and 75 feet east of post office; iron post stamped "917 GAINV"-----	917.812
Lindsay, southeast corner of Pete Johnson's store on principal street, 750 feet north of railroad track; iron post stamped "796 GAINV"-----	796.412

## Gainesville northwest via Marysville to Bulcher.

Wolf Ridge, 300 feet southeast of schoolhouse 77, at corner of fence forks of Gainesville and farmers roads; iron post stamped "927 GAINV"-----	928.598
Gainesville, 10.5 miles northwest of, 12 feet southeast of southeast corner post of cultivated land at forks of road, 2 miles north of Wolf Ridge schoolhouse; iron post stamped "945 GAINV"-----	946.240
Gainesville, 15 miles northwest of, at lower end of Black Hollow, east side of road near top of divide between Black Hollow and Lander Creek; iron post stamped "820 GAINV"-----	821.047
Marysville, 3 feet south of southwest corner of post office, on east side of principal street; iron post stamped "873 GAINV"-----	874.714
Marysville, 3 miles northwest of, at junction of St. Jo and Bulcher public roads, at southeast corner of rail fence around Housinger residence; iron post stamped "916 GAINV"-----	917.698
Bulcher, northwest corner of post office, 40 feet south of Camp Creek, on right bank; iron post stamped "746 GAINV"-----	747.742
Bulcher, 4.2 miles northwest of, at intersection of Illinois Bend and St. Jo public road, southeast corner of fence west side of road, at J. E. Seitz's farm; iron post stamped "900 GAINV"-----	901.815

## Gainesville via Huneycutt triangulation point, Callisburg, Woodbine, and Burns, northeast, south, and northwest over main county roads to Gainesville.

Gainesville, 3 miles east of, 1,400 feet north of bridge over Wheeler Creek, at right-angle turn of lower Callisburg road, on south side, west side of lane leading south to Whitesboro road; iron post stamped "757 GAINV"-----	759.259
Gainesville, 8 miles northeast of, at junction of upper Callisburg road and Walnut Bend road, opposite a large spreading elm tree, 4 feet south of Gainesville 8-mile post; iron post stamped "840 GAINV"-----	841.453
Gainesville, 12 miles northeast of, at Huneycutt triangulation point; bronze tablet stamped "953 GAINV"-----	954.782
Callisburg, about 5.5 miles northwest of, 1.8 miles due north of Huneycutt triangulation point, 50 feet south of small drain, on east side of Walnut Bend road and north side of road leading east to Callisburg and Ellis Ferry road; iron post stamped "845 GAINV"-----	847.142

Callisburg, 3 miles north of, on west side of Callisburg and Dexter road, south side of lane leading west to Elliott Ferry; iron post stamped "795 GAINV"-----	Feet. 796.959
Callisburg, at northeast corner of George Wright's dry goods and grocery store; iron post stamped "808 GAINSV"-----	809.441
Callisburg, 3 miles south of, 500 feet south of Spring schoolhouse, 300 feet north of drain, on south side of Gainesville and Whitesboro road and west side of Callisburg and Woodbine road; iron post stamped "774 GAINSV"-----	775.250
Woodbine, 60 feet north of Missouri, Kansas & Texas Ry. track, at southeast corner of post office and W. R. Crooks's grocery store, on west side of main road; iron post stamped "763 GAINSV"-----	764.592
Woodbine, 4 miles southwest of, 200 feet south of the Gainesville and Pilot Point upper road, on east side of road leading south to Burns, northwest corner of schoolhouse; iron post stamped "742 GAINSV"-----	743.461
Burns, on south side of road at northeast corner of J. D. West's grocery store; iron post stamped "680 GAINSV"-----	681.942
Burns, 2.8 miles west of, 200 feet northeast of Prairie Grove schoolhouse, east side of Gainesville and Pilot Point road, north side of road leading east to Burns; iron post stamped "756 GAINSV"-----	758.118
Gainesville, 6 miles southeast of, 55 feet west of M. A. Taylor's residence, 60 feet west of large drain, on east side of Gainesville and Pilot Point road, north side of road leading east to schoolhouse; iron post stamped "695 GAINSV"-----	696.643
Gainesville, 2.5 miles southeast of, about 0.25 mile southeast of crossing on Wheeler Creek, on east side of Gainesville and Pilot Point upper road and south side of road leading east to Pilot Point lower road; iron post stamped "759 GAINSV"-----	760.964
<b>Wolf Ridge schoolhouse east to Gainesville-Sivells bend road, thence north to Sivells Bend, thence southwest to Marysville via Nubbin Ridge.</b>	
Gainesville, 9 miles northwest of, 0.5 mile west of Red River schoolhouse, 500 feet south of a lane leading west to Wolf Ridge, north side of lane leading east to Jim Beaty's ranch, east side main road at fence corner; iron post stamped "851 GAINSV"-----	852.273
Gainesville, 13 miles northwest of, 1.3 miles northwest of wagon bridge over Fisk Creek, about 400 feet southeast of Lauderdale's house, mouth of lane leading east, at northeast fence corner; iron post stamped "807 GAINSV"-----	809.096
Gainesville, 18 miles northwest of, in village of Sivells Bend, 0.25 mile west of Dr. Harrison's house, 120 feet east of right-angle turn in main road, at southwest corner of post office, in Greever Bros.' general store, on north side of main road; iron post stamped "874 GAINSV"-----	875.688
Gainesville, 16 miles northwest of, 0.5 mile south of Bear Head Church, 0.8 mile north of Three Mounds on west side of Gainesville and Burneyville road, at junction of lane leading west to Barlow; iron post stamped "874 GAINSV"-----	875.917
Gainesville, 17 miles northwest of, west side of Gainesville and Copperas Bluff road, 0.8 mile south of Hickman's house, near head of small drain, at junction of lane leading west to Marysville; iron post stamped "956 GAINSV"-----	957.214

## Lindsay south along public roads via Reed to Era.

Gainesville, 5.5 miles southwest of, 2.8 miles east of Reed post office, 0.25 mile west of J. N. Whaley's house, 160 feet west of small drain, south side of Gainesville and Rosston road; iron post stamped "853 GAINSV"-----	Feet. 854.481
Gainesville, 8 miles southwest of, in village of Reed, 600 feet west of lane leading south to Era, north side of Gainesville and Rosston road, at southwest corner of post office, in A. Pulte's store; iron post stamped "952 GAINSV"-----	953.920
Era, 3.5 miles northeast of, 800 feet northwest of crossing on Spring Creek, in angle of lane on west side of road at the corner of three wire fences, about 0.5 mile south of summit of hill; iron post stamped "829 GAINSV"-----	830.304

## Valley View north to Gainesville.

Gainesville, 7 miles south of, 900 feet south of John Crumley's house and 50 feet north of G. Spearman's house, in angle of road, on west side; iron post stamped "755 GAINSV"-----	756.591
Gainesville, 4 miles south of, 6 miles north of Valley View, 0.6 mile south of lane running east and west, 0.25 mile north of W. Bed-long's residence, 4 feet east side of road; iron post stamped "754 GAINSV"-----	755.881
Gainesville, 2.5 miles southwest of, at fence corner in forks of Gainesville, Rosston, and Era roads; iron post stamped "801 GAINSV"-----	802.102

## Reed along public roads southwest via Hood to Rosston, thence northwest to Free Mound.

Hood, 58 feet north of J. H. Hewitt's store and north side of Gainesville and Rosston road; iron post stamped "996 GAINSV"-----	997.664
Rosston, 3 miles northeast of, 680 feet north of Rosston and Era road, north side small drain and west side Gainesville and Rosston road; iron post stamped "914 GAINSV"-----	915.129
Rosston, 20 feet south of Raner Bros.' general store, 250 west of J. Dill's store, southwest corner of square; iron post stamped "857 GAINSV"-----	858.484
St. Jo, 16 miles southeast of, on west side of Free Mound and Rosston road, 100 feet east of Hunter schoolhouse, 300 feet north of bridge over Hunter Creek; iron post stamped "886 GAINSV"-----	887.387
Free Mound, 62 feet west of post office, in D. P. Wilson's store, on south side of Gainesville and Forestburg road, at corner of wire fence around gin; iron post stamped "884 GAINSV"-----	885.336

## At Gainesville.

Gainesville, in center of north face of top foundation stone at northeast corner of brick building on California Street, near station building, used by Tyler & Simpson as a grocery store; bronze tablet-----	734.933
Gainesville, 45.3 feet south of south crossing frog, 2 inches out of ground, in line of north and south crossing frogs of Missouri, Kansas & Texas Ry. with the Gulf, Colorado & Santa Fe Ry., 6.4 feet west of west rail of Missouri, Kansas & Texas and 6.8 feet east of east rail of Gulf, Colorado & Santa Fe Ry.; iron post-----	741.962

**Gainesville along Gulf, Colorado & Santa Fe Ry. to Marietta, Okla.**

Gainesville, 6 miles north of, about middle of coping stone on east side of north pier of bridge over Red River; copper bolt-----	Feet. 662. 315
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**DENTON QUADRANGLE.****Era east to Valley View.**

Era, 255 feet north of public school, 60 feet east of Segraves' store, southwest corner of hotel block; iron post-----	910. 322
Valley View, 3 miles west of, at junction of Valley View-Era and Gainesville-Bolivar roads, south side of road, by wire fence; iron post stamped "800 GAINSV"-----	801. 626
Valley View, northeast corner of public square, 10 feet north from front of A. Guston's hotel; iron post stamped "720 GAINSV"-----	721. 806

**DENISON QUADRANGLE.****Denison south along the Missouri, Kansas & Texas Ry. to Sherman.**

Denison, center of base stone of granite foundation of Ford Building, at corner of Main Street and Rush Avenue, occupied by the National Bank of Denison and numerous offices, on left of avenue entrance; bronze tablet-----	737. 605
Sherman, fire department building, corner of Travis and Cherry Streets, first course of stone foundation, 5.2 feet from south edge of stone, 5.8 feet from north edge of stone on left side of main entrance; bronze tablet-----	730. 068

**Choctaw west along Texas & Pacific Ry. to Southmayd.**

Choctaw, about 1 mile west of, northeast corner of shoe of angle brace, on north side of bridge 72, over Choctaw Creek; cross on anchor bolt-----	580. 036
Southmayd, 5 miles east of, 20 feet 9 inches south of mile post 160, 48 feet 3 inches south of center of Texas & Pacific Ry. track, and 249 feet west of road crossing; iron post-----	836. 940
Southmayd, 9 feet south of mile pole 165, fourth pole west of station, 46 feet south of center of Texas & Pacific Ry. track; iron post-----	743. 976

**Southmayd south to Collinsville along joint line of Texas & Pacific Ry. and Missouri, Kansas & Texas Ry.**

Collinsville, 50 feet south of frog of switch, 5 feet 10 inches east of center of track; iron post-----	747. 278
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**Ethel east along county roads to Howe.**

Ethel, northeast corner of intersection of roads, inside fence; iron post-----	725. 743
Ethel, about 6.25 miles east of, northeast corner of intersection of Sherman-Tioga road with Sherman-Howe road, inside fence; iron post-----	714. 810
Howe, about 6.20 miles west of, inside of fence at northeast corner of intersection of roads at William Chisholm's house; iron post-----	818. 456



Howe, 19 feet 6 inches west of center of Houston & Texas Central R. R. track and 49 feet 6 inches north of northeast corner of station building; iron post-----	Feet. 843. 038
Howe, about 0.8 mile south of, underneath triangulation signal; lead bolt in stone-----	879. 289
<b>Sherman south via Houston &amp; Texas Central R. R.</b>	
Sherman, 4 miles south of, lower coping stone west side of south abutment of bridge over Choctaw Creek; copper bolt-----	654. 293
<b>Sherman along county road north to Pottsboro, thence west to Dexter, thence south to Whitesboro.</b>	
Pottsboro, 4.75 miles south of, in stone underneath "Good" triangulation signal; copper bolt-----	882. 999
Pottsboro, 6.5 miles west of, southeast corner of Mrs. Carrie Nicholas's front yard, 285 feet north of center of Pottsboro-Gordonville road; iron post-----	716. 019
Gordonville, south of Sanderson's drug store, east of post office, 33 feet south of center of road, on Widow Gordon's place, nearly south of old well in roadway; iron post-----	721. 119
Dexter, 0.75 mile east of, in front garden of J. F. Evans, 62.5 feet south of southwest corner of Evans's house, 63 feet north of center of main road, and about 200 feet west of county line between Cooke and Grayson Counties; iron post-----	837. 759
Dexter, southwest corner of J. F. Cochran's store, building owned by Mrs. T. H. Williams; cross mark cut in foundation stone-----	781. 289
Dexter, 0.5 mile north of, in stone underneath "Dexter" triangulation station; copper bolt-----	863. 57
Dexter, 5.5 miles south of, turn of road east around M. A. Goldston's pasture, about 1,165 feet south of house owned by the Carlock heirs and occupied by Mr. Stuckey, bench mark inside fence; iron post--	795. 484
Cooke-Grayson county line, 1.7 miles west of, in stone underneath "county line" triangulation signal; copper bolt-----	884. 119
Whitesboro, 3.6 miles west of, at intersection of Dexter road with Gainesville-Whitesboro road, in corner of Dr. Younger's yard and across road from Nance Prairie School; iron post-----	773. 989
<b>Southmayd southeast on county road to Mormon Grove, thence northeast to Sherman.</b>	
Southmayd, 6.25 miles southeast of, about 1.25 miles south of Valley Summit School, in Halliday's field, across road from Mrs. Keene's pasture, about 20 feet east of the center of road and 2 feet north of division fence, 600 feet south of head of a timbered drain flowing southwest; iron post-----	760. 384
Mormon Grove, 550 feet northeast of, cross mark cut in stone underneath "Mormon Grove" triangulation station; copper bolt in stone about 2 feet under surface-----	901. 029
Sherman, 3 miles southwest of, inside fence at turn of road to east and directly opposite gate on other side of lane; iron post-----	801. 759
<b>North along county road from Pottsboro to meander corner on Red River of T. S., Rs. 5 and 6 E., of the Chickasaw survey.</b>	
Fink, 24 feet north of road to Bounds Ferry, inside of fence, west of the post office; iron post-----	710. 489
Fink, 2 miles west of, in stone underneath "Fink" triangulation station; copper bolt-----	839. 69

## At Denison.

Denison, corner of Texas Street and Austin Avenue, in front yard, near gate opening on Texas Street, property known as "Stuart place;" iron post-----	Feet. 757.129
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## Pottsboro west to Woodbine along Missouri, Kansas &amp; Texas Ry.

Pottsboro, foundation stone of southwest corner of brick and stone building owned and occupied by J. E. Reeves; bronze tablet-----	767.693
Steedman, 50 feet south of track and 100 feet east of section house, 1 foot above surface of ground (name of railroad station is Deaver); iron post-----	631.897
Whitesboro, 3.5 feet above ground and 15 inches from southeast corner on east side of brick school building; bronze tablet-----	821.538
Woodbine, 2 miles east of, south side of east end bridge over Timber Creek, about 30 feet from mile pole 691, cross mark on southwest end of coping stone-----	699.538

## BONHAM QUADRANGLE.

Point 2 miles east of Bonham southeast and northeast along highway and railroad to Honey Grove.

Bonham, 5 miles east of, 600 feet east of Tom Hilton's cotton gin, 100 feet northeast of house, south of road; iron post stamped "618 PARIS"-----	647.879
Bonham, 8.7 miles east of, 3.5 miles south of Dodd City, corner of fence, at fork of roads to Dodd City and Shady Grove; iron post stamped "662 PARIS"-----	691.984
Bonham, 12 miles east of, 50 feet north of Leonard Huff's house, 12 feet east of Windom road and 5 feet south of Bonham road; iron post stamped "636 PARIS"-----	665.514
Bonham, 15.5 miles east of, 770 feet west of Wood's house, at big gate south of road; iron post stamped "619 PARIS"-----	648.203
Honey Grove, 5 miles southwest of, 100 feet north of C. M. Yeager's house, in solid stone on west side of Honey Grove-Cox Bridge road; aluminum tablet stamped "618 PARIS"-----	646.554

## Savoy to Honey Grove via Ravenna, Ivanhoe, and Lamasco.

Savoy, 4 miles northeast of, 600 feet southeast of Powers's ranch house, 800 feet west of Potttiela Creek, 8 feet south of road, in large sandstone ledge; aluminum tablet stamped "594 PARIS"-----	595.772
Ravenna, on principal street, southeast corner of frame building used as post office; iron post stamped "597 PARIS"-----	599.010
Ivanhoe, 3 miles west of, 5.5 miles east of Ravenna, 0.5 mile east of intersection of crossroads, on south side of road; iron post stamped "593 PARIS"-----	594.705
Ivanhoe, northeast corner of fence around Sam Keene's residence on principal street; iron post stamped "606 PARIS"-----	608.077
Ivanhoe, 3 miles east of, 250 feet south of intersection of Bonham road, 40 feet north of gate to Atkin's ranch, east side of road; iron post stamped "607 PARIS"-----	608.974

Lamasco, southwest corner of Windle & Goodman store building; iron post stamped "587 PARIS"-----	Feet. 588.300
Bois d'Arc Creek, 1.5 miles east of, 8.5 miles north of Honey Grove, at end of lane on north side of road at turn south; iron post stamped "520 PARIS"-----	521.795
G. B. Crumpecker's farm, southeast corner of fence around house, 300 feet east of intersection of Bonham, Paris, and Honey Grove roads; iron post stamped "614 PARIS"-----	615.633

## CLARKSVILLE QUADRANGLE.

## Paris east along Texas &amp; Pacific Ry. to Clarksville.

Blossom, 250 feet east of station, 100 feet north of track, east side of sidewalk; iron post stamped "525 PARIS"-----	526.683
Detroit, 100 feet southeast of station, 40 feet south of track, on west side of principal street on right of way; iron post stamped "481 PARIS"-----	482.782
Bagwells, 150 feet south of station, northwest corner of Dr. W. C. Stephen's drug store; iron post stamped "475 PARIS"-----	476.842
Clarksville, east face of county courthouse, north side of main en- trance; aluminum tablet stamped "431 PARIS"-----	432.369

## Clarksville west to Paris via Faught post office.

Clarksville, 3.51 miles north of, at intersection of Clarksville-Albion road, southeast corner of J. A. Jamieson's fence; iron post stamped "465 PARIS"-----	466.966
Clarksville, 8.51 miles northwest of, at intersection of Bagwells and Manchester public roads, 4 miles northeast of Bagwells, 500 feet south of A. L. Cook's house; iron post stamped "481 PARIS"-----	482.309
Detroit, 10 miles north of, intersection of Clarksville, Pine Bluffs, Detroit, and Manchester public roads, southwest corner of Newell & Hubbard's farm fence, 1,200 feet west of main crossroads, on north side of road; iron post stamped "509 PARIS"-----	510.770
Woodland, 5.31 miles west of, 16.51 miles northeast of Paris, 200 feet north of J. P. Haigood's farmhouse, on north side of road alongside rail fence; iron post stamped "468 PARIS"-----	470.297
Faught, 100 feet southeast of post-office building, at intersection of Paris and Blossom public roads; iron post stamped "492 PARIS"-----	494.044
Givens, 150 feet west of building used as post office, at junction of Paris and Pine Bluffs road with Slate Shoal road, alongside rail fence; iron post stamped "506 PARIS"-----	507.753

## Cuthand Creek north to Clarksville.

Stanley, 1.5 miles south of, 1,250 feet south of B. C. Wolf's house, east of road; iron post stamped "Prim. Trav. Sta. No. 29-366- 1908"-----	365.749
Clarksville, 2.8 miles south of, 100 feet north of bridge over small stream, west of road; iron post stamped "Prim. Trav. Sta. 15- 390-1908"-----	389.708

PARIS QUADRANGLE.<sup>1</sup>

Honey Grove south and east along road south of railroad to Paris.

	Feet.
Honey Grove, 3.7 miles south of, 440 feet southeast of Horace Jones's house, on south side of road; iron post stamped "600 PARIS"-----	601.722
Honey Grove, 6.7 miles east of, corner of Mrs. C. Jones's yard house, 100 feet south of intersection of Union-Petty road, on south side of public road and 20 feet west of Union-Petty road; iron post-----	569.498
Honey Grove, 10 miles east of, on north and south ridge, north side of road, 125 feet north of Smith Rollin's house; iron post-----	589.464
Honey Grove, 13.5 miles east of, south side of road, 20 feet west of bridge over creek; iron post-----	522.287
Ambia, 45 feet south of Gulf, Colorado & Santa Fe Ry. station, 27 feet west of main track; iron post-----	552.202
Honey Grove, 21 miles east of, 4 miles south of Paris, at public road crossing, 10 feet northeast of dirt road, 15 feet northwest of railroad crossing, 800 feet southeast of Ben Price's house; iron post--	537.094

Honey Grove to Paris via Tiger Town and Maxey.

Honey Grove, in bottom step of approach to First National Bank, corner Fifth and Market streets; copper bolt stamped "675 PARIS"-----	676.995
Michigan schoolhouse, northeast corner of fence, 7 miles northeast of Honey Grove (by Monkston road), 50 feet northwest of W. Hutchinson's farmhouse; iron post stamped "607 PARIS"-----	608.858
Tiger Town, Cothron's store, 30 feet northeast of post-office building, at corner of fence; iron post stamped "559 PARIS"-----	561.000
Maxey, northwest corner of post-office building, W. J. Wheeler's store; iron post stamped "569 PARIS"-----	570.519
Paris, 3 miles west of, 300 feet west of bridge over Pine Creek, south side of road; iron post stamped "494 PARIS"-----	495.501
Paris, post-office building, right side of entrance, in first step; aluminum tablet stamped "601 PARIS"-----	602.667

Dallas, Farmersville, McKinney, and Rockwall 30' quadrangles.

COLLIN, DALLAS, KAUFMAN, AND ROCKWALL COUNTIES.

The elevations in the following list were determined by primary leveling extended from bench marks of the Coast and Geodetic Survey precise level line along the Missouri, Kansas & Texas Ry. at Rockwall and Rowlett. No connection was made with the Coast and Geodetic Survey bench mark at Garland.

The leveling was done by W. A. Gelbach in 1909, in cooperation with the State.

## ROCKWALL QUADRANGLE.

Rockwall southwest along Missouri, Kansas &amp; Texas Ry. to East Fork of Trinity River, thence along highway north 4.5 miles.

Rockwall, southwest corner of courthouse, in south face, 4 feet above ground; copper bolt (Coast and Geodetic Survey bench mark "G 2")-----	Feet. 595.749
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<sup>1</sup> The error distributed in this line is excessive.

Rockwall, south end of Missouri, Kansas & Texas Ry. station, opposite cistern; top of rail-----	Feet. 553. 4
Rockwall, 2.5 miles southwest of, at Missouri, Kansas & Texas Ry. bridge over East Fork of Trinity River, north end of east pier; aluminum tablet stamped "Prim. Trav. Sta. No. 4, 1909, 417"-----	417. 200
Rockwall, 1.5 miles west by 1.9 miles south of, 13 feet from primary traverse station 343, corner of brush land; copper nail in root of tree -----	412. 41
Rockwall, 1.5 miles west by 1.5 miles south of, 30 feet north of primary traverse station 344; copper nail in leaning bois d'arc tree--	412. 42
Rockwall, 1.5 miles west by 0.3 mile south of, primary traverse station 350 plus 142.5; copper nail in bois d'arc stump-----	414. 24
Rockwall, 1.5 miles west of, 40 feet south of road, about 40 feet east of slough bridge, in edge of timberland; iron post stamped "Prim. Trav. Sta. No. 13, 1909, 416"-----	415. 809
Rockwall, 1.5 miles west by 0.8 mile north of, 150 feet south of Rockwall-Dallas road, at primary traverse station 361; copper nail in root of elm tree-----	413. 75
Rockwall, 1.5 miles west by 1.6 miles north of, 26.6 feet west of primary traverse station 365; copper nail in root of bois d'arc tree----	418. 82

**Point 4.8 miles north by 1.5 miles west of Rockwall north 2 miles.**

Rockwall, 5 miles north by 1.5 miles west of, 35 feet northeast of primary traverse station 384, in edge of timber; copper nail in hackberry tree-----	427. 57
Rockwall, about 5.5 miles north by 1.5 miles west of, northeast corner of N. F. Evan's field, south side of road; iron post stamped "Prim. Trav. Sta. No. 15, 1909, 433"-----	433. 046
Rockwall, 6 miles north by 1.5 miles west of, 39 feet west of primary traverse station 389, on line between two fields; copper nail in root of water elm tree-----	431. 24
Rockwall, 6.4 miles north by 1.5 miles west of, 16.4 feet north of primary traverse station 391, in fence line; copper nail in elm tree----	432. 71
Rockwall, 7 miles north by 1.5 miles west of, primary traverse station 393 plus 119.3, on river bank; copper nail in root of water elm tree--	435. 82

**Point near Rockwall south to point 2 miles north of Barns Bridge.**

Barns Bridge, 4.5 miles north of, east of road, 20 feet west of river bank; copper nail in root of burr oak tree-----	407. 84
Barns Bridge, 3.9 miles north of, 51.5 feet from primary traverse station 112; nail in root of leaning burr oak tree-----	405. 05
Barns Bridge, 3.3 miles north of, 2.5 miles south of Missouri, Kansas & Texas Ry. bridge, 300 feet east of river; iron post stamped "Prim. Trav. Sta. No. 5, 403, 1909"-----	403. 602
Barns Bridge, 2.7 miles north of, 29.5 feet from primary traverse station 129; copper nail-----	402. 78

**Point on Dallas and Forney road 5.8 miles south of Barns Bridge.**

Barns Bridge, 5.8 miles south of, 800 feet south of bridge over East Fork of Trinity River, at turn of road, near slough, 40 feet south of road corner, on Dallas-Forney road; iron post stamped "Prim. Trav. Sta. No. 9, 1909; No. 29, 1909"-----	383. 581
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## DALLAS QUADRANGLE.

Point 1.6 miles north by 1.5 miles west of Rockwall north 3.2 miles.

Rockwall, 1.5 miles west by 2.1 miles north of, 4.5 feet southwest of primary traverse station 368, on bank of river, copper nail in root of 20-inch leaning oak tree-----	Feet. 421. 69
Rockwall, 1.5 miles west of by 2.5 miles north of, primary traverse station 369 plus 519.7, 100 feet east of river, copper nail in root of spotted oak-----	422. 10
Rockwall, 2.8 miles north by 1.5 miles west of, about 2 miles north of Rockwall-Dallas road, 400 feet east of East Fork of Trinity River, in west edge of timber; iron post stamped "Prim. Trav. Sta. No. 14, 1909, 422"-----	422. 362
Rockwall, 3.1 miles north by 1.5 miles west of, 63.2 feet east of primary traverse station 375, copper nail in root of 16-inch hackberry tree-----	424. 14
Rockwall, 4.1 miles north by 1.5 miles west of, 5.7 feet west of primary traverse station 378, in edge of timber, 40 feet west of river, copper nail in mulberry tree-----	427. 87
Rockwall, 4.3 miles north by 1.5 miles west of, 5 feet west of primary traverse station 379, copper nail 20-inch oak in edge of timber by Geo. Rogers's field-----	426. 62
Rockwall, 4.8 miles north by 1.5 miles west of, 100 feet west of slough, copper nail in top of bois d'arc stump, at primary traverse station 382-----	427. 56

Point near Barns Bridge south along highway and west along Texas & Pacific Ry. to Mesquite, thence north along highway to Rowlett.

Barns Bridge, 2 miles north of, at primary traverse station 135, copper nail in top of stump 2 feet high near edge of field-----	401. 99
Barns Bridge, 1.5 miles north of, primary traverse station 140; copper nail in notch in base of mulberry tree-----	399. 583
Barns Bridge, 1 mile north of; iron post stamped "Prim. Trav. Sta. No. 6, 1909, 399"-----	398. 870
Barns Bridge, on east bank of river, above; copper nail in base of red elm-----	396. 990
Barns Bridge, 130 feet east of, in field south of road; iron post stamped "Prim. Trav. Sta. No. 7, 1909, 408"-----	408. 257
Barns Bridge, 0.7 mile south of, primary traverse station 158; copper nail in 6-inch stump 15 inches high-----	397. 270
Barns Bridge, 1 mile south of, primary traverse station 159; nail in root of old bois d'arc stump in open ground-----	395. 920
Barns Bridge, 1.4 miles south of, primary traverse station 163; copper nail in small stump 15 inches high-----	394. 000
Barns Bridge, 1.9 miles south of, primary traverse station 166; copper nail in top of 8-inch stump-----	391. 830
Barns Bridge, 2.4 miles south of, primary traverse station 173, 250 feet south of fence; nail in root of leaning white ash-----	388. 850
Barns Bridge, 2.9 miles south of, primary traverse station 177; copper nail top of 8-inch stump-----	391. 520
Barns Bridge, 3.4 miles south of, about 0.8 mile north of Dallas-Forney road, 320 feet south of corner of wire fence at east and west lane, 18 inches west of wire fence on land of Jeff Caldwell; iron post stamped "Prim. Trav. Sta. No. 8, 1909, No. 17"-----	389. 446

Barns Bridge, 4.2 miles south of, primary traverse station 184 plus 898; copper nail in root of tree-----	Feet. 388. 020
Barns Bridge, 5 miles south of, primary traverse station 191 plus; copper nail in hackberry tree-----	382. 410
Barns Bridge, 6.9 miles south of, primary traverse station 204, 75 feet southwest of levee; copper nail in leaning elm at corner of field-----	381. 02
Mesquite, 5.4 miles east of, Texas & Pacific Ry. crossing of East Fork of Trinity River, 48 feet east of northeast corner of wagon bridge, about 15 feet north of center of wagon road, 162 feet south of center of railway water tank; iron post stamped "Prim. Trav. Sta. No. 10, 1909, No. 22"-----	383. 817
Mesquite, 3.8 miles east of, 1.8 miles west of East Fork of Trinity River, 25 feet south of track, west side of road, at crossing; iron post stamped "1909"-----	446. 002
Mesquite, 350 feet east of station, at crossing; top of rail-----	496. 8
Mesquite, 500 feet west of station, 100 feet north of tracks; iron post stamped "Prim. Trav. Sta. No. 11, 1909, No. 25"-----	484. 159
Mesquite, 2.5 miles north of, T road south; copper nail in northwest corner of iron bridge over North Mesquite Creek-----	483. 95
Newhope, 150 feet north of main crossroads, east side of road; iron post stamped "Prim. Trav. Sta. No. 22, 1909"-----	534. 107
Newhope, 1.5 miles north of, 1.5 miles south of Rose Hill (Housley), 20 feet east of north end of bridge over Duck Creek; iron post stamped "Prim. Trav. Sta. No. 21, 1909"-----	444. 705
Rose Hill (Housley), 300 feet east of road fork, 100 feet southeast of blacksmith shop, by wire fence; iron post stamped "Prim. Trav. Sta. No. 20, 1909, 505"-----	504. 427
Rowlett, 2.2 miles south of, 20 feet south of southeast corner of bridge over Rowlett Creek; iron post stamped "1909"-----	421. 60

**Barns Bridge west along highway to Newhope.**

Barns Bridge, 1 mile west of, south side of road, opposite corner of timber land, in root of bois d'arc stump; copper nail-----	396. 09
Newhope, 2.6 miles northeast of, 30 feet south of west end of bridge over Duck Creek; iron post stamped "1909"-----	428. 592

**Rowlett southeast along highway to point near Barns Bridge.**

Rowlett, 1.5 miles east of, 30 feet south of west end of west Missouri, Kansas & Texas Ry. bridge over Muddy Creek, in corner of right of way fence; iron post stamped "423 1909"-----	423. 303
Rowlett, 3.3 miles southeast of, 0.5 mile below junction of Muddy Creek and Rowlett Creek, 0.2 mile north of bridge over Rowlett Creek, 300 feet northeast of levee; copper nail in east side of dead bois d'arc tree-----	412. 63
Rowlett, 3.4 miles southeast of, 600 feet northwest of bridge over Rowlett Creek; copper nail in northwest corner of small bridge---	412. 23
Rowlett, 4 miles southeast of, 0.5 mile below bridge over Rowlett Creek, 40 feet east of bank of Rowlett Creek; copper nail in east side of tree-----	409. 81

Rowlett, 4.2 miles southeast of, east creek bank, 300 feet north of levee, at edge of field; copper nail in leaning bois d'arc tree-----	Feet. 409.98
Barns Bridge, 3 miles northwest of, iron bridge over Rowlett Creek, 10 feet north of east end of bridge; iron post stamped "407, 1909"-----	407.028

Rose Hill (Housley) northwest to Garland, thence northeast and southeast to Rowlett.

Centerville, 3.4 miles southeast of Garland, 2.9 miles northwest of Rose Hill, 100 feet east of J. M. Davis & Bros.' store, north side of road at crossroads; iron post stamped "538 1909"-----	537.958
Garland, 0.3 mile southeast of station, 500 feet south of Missouri, Kansas & Texas Ry., about 500 feet east of crossing of Missouri, Kansas & Texas Ry. and Gulf, Colorado & Santa Fe Ry., top of northeast corner post of concrete bridge; mark X, painted in black-----	527.84
Garland, crossing of Missouri, Kansas & Texas Ry. and Gulf, Colorado & Santa Fe Ry.; top of rail-----	537.7
Garland, in front of Missouri, Kansas & Texas Ry. station; top of rail-----	540.6
Garland, 1 mile west of, south end of west pier of Missouri, Kansas & Texas Ry. bridge over Duck Creek; aluminum tablet stamped "Prim. Trav. Sta. No. 2, 1909, 551"-----	550.413
Garland, 0.2 mile north of, at Gulf, Colorado & Santa Fe Ry. crossing; top of rail-----	543.1
Sachse, 2.5 miles southwest of, Gulf, Colorado & Santa Fe Ry., at crossing; top of rail-----	527.6
Garland, about 3.5 miles northeast of, 200 feet west of fork of road to southwest, near house in small grove, in northeast corner of bridge; top of bolt-----	508.93
Rowlett, 4 miles northwest of, 20 feet from southwest corner of iron bridge over Rowlett Creek; iron post stamped "453 1909"-----	452.695
Rowlett, 1.2 miles north of by road, T road northeast, west end of culvert; copper nail-----	517.77
Rowlett, crossing of Missouri, Kansas & Texas Ry., about 1,000 feet west of station; top of rail-----	506.9
Rowlett, in angle formed by right of way fence and fence at road crossing about 700 feet east of station, 16 paces north of center of railroad track, 4 paces west from crossing, and between fourth and fifth telegraph poles east of station; bottom of square hole cut in top of limestone post marked "U. S. $\square$ B. M." (Coast and Geodetic Survey bench mark F-2)-----	504.991

Point 6 miles northwest of Rowlett north to Murphy.

NOTE.—On account of an error of about 1 foot in the line from Rowlett via Murphy to point 3 miles east of Wylie, of which this line forms a part, the fraction only has been adjusted, leaving a discrepancy of 1 foot to be found.

Sachse, 1.5 miles southwest of, east end of north pier of Gulf, Colorado & Santa Fe Ry. bridge 6134 over Rowlett Creek, 3.5 miles north of Garland; aluminum tablet stamped "Prim. Trav. Sta. No. 19, 1909, 480"-----	478.726
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Sachse, Gulf, Colorado & Santa Fe Ry. crossing, south of station; top of rail-----	Feet. 550.2
Murphy, 1 mile south of, southeast corner of cross roads, copper nail in root of elm tree-----	565.79

**M'KINNEY QUADRANGLE.**

Murphy east to point 1 mile east of Wylie.

NOTE.—On account of a gross error of nearly 1 foot in the line from Rowlett via Murphy to point 3 miles east of Wylie, of which this line forms a part, the fraction only has been adjusted, leaving a discrepancy of 1 foot to be found.

Murphy, 1,200 feet south of St. Louis Southwestern Ry. Co. of Texas station, southwest corner of crossroads near picket fence; iron post stamped "Prim. Trav. Sta. No. 18, 1909, 576"-----	575.013
Murphy, at crossing west of station; top of rail-----	576.6
Wylie, about 0.2 mile south of main part of town, front of T road north; iron post stamped "Prim. Trav. Sta. No. 17, 1909, 547"-----	545.635
Wylie, 1 mile east of, about 100 feet north of fork of road, copper nail in root of leaning tree-----	465.51

**FARMERSVILLE QUADRANGLE.<sup>1</sup>**

Point 1 mile east of Wylie east 2 miles.

Wylie, 3 miles east of, 1,350 feet west of bridge over East Fork of Trinity River, south side of public road; iron post stamped "Prim. Trav. Sta. No. 16, 1909, 450." (Adjusted elevation 1 foot greater.)--	448.574
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Brenham, Bryan, Hearne, Marlin, Sealy, Taylor, Temple, and Waco 30' quadrangles (including various 7½ quadrangles along Brazos and Little rivers).

AUSTIN, BELL, BRAZOS, BURLESON, FALLS, McLENNAN, MILAM, ROBERTSON, WALLER, AND WASHINGTON COUNTIES.

The elevations in the following list were determined by primary leveling extended from bench marks of the Coast and Geodetic Survey precise leveling near Sealy, Temple, and Waco.

The State cooperated in the leveling, which was done in the Sealy 30' quadrangle in 1909 by E. L. McNair, C. H. Semper, and F. H. West; in the Brenham 30' quadrangle in 1909 by McNair, Semper, and West, and in 1910 by West and F. J. McMaugh; in the Bryan 30' quadrangle in 1909 by Semper and West, and in 1910 by West and Thomas; in the Hearne 30' quadrangle in 1909 by McNair and Semper, and in 1910 by West and P. W. McMillen; in the Marlin 30' quadrangle in 1909 by Semper, and in 1910 by McNair, McMillen, and West; in the Taylor quadrangle in 1909 by McNair, and in 1910 by McNair and McMillen; in the Temple 30' quadrangle in 1910 by McNair and West; and in the Waco 30' quadrangle in 1909 by Semper, and in 1910 by West.

<sup>1</sup> On account of a gross error of nearly 1 foot in the line from Rowlett via Murphy to point 3 miles east of Wylie, of which this line forms a part, the fraction only has been adjusted, leaving a discrepancy of 1 foot to be found.

## SEALY QUADRANGLE.

McDowell Bridge north along highways to Steel farm.

McDowell, 0.5 mile east of, on the Missouri, Kansas & Texas Ry., on bridge 2156 over Brazos River, at south end of first pier west of Austin and Waller County line, on top surface of southernmost short section of rail resting on cement pier, 2.5 centimeters (about 0.83 inch) square, chiseled in outline between two transverse girders (Coast and Geodetic Survey bench mark "S7")-----	Feet. 124. 510
McDowell, 0.5 mile east of, on top of iron cylinder pier, west end of bridge, twin cylinder piers, bench mark on pier up river, at joining of west span and trestle (Brazos River Survey, U. S. Army Engineers, elevation 130.62)-----	124. 202
McDowell, 0.5 mile east of, Missouri, Kansas & Texas Ry. bridge over Brazos River, south side, top of east abutment; aluminum tablet stamped "129 1 Prim. Trav. Sta. 10"-----	129. 255
McDowell Bridge, 2.1 miles north of, 300 feet east of Orange Creek, 5 feet west of gate at Charles Taylor's farm, south side of road; iron post stamped "126 2 Prim. Trav. Sta. 11"-----	125. 631
McDowell Bridge, 3.1 miles north of, north of road, in root of elm tree; spike marked "U. S. B. M. 125"-----	125. 25
Junction of main road with lane down Orange Creek, east margin of road, spike in root of 48-inch pecan tree; marked "U. S. B. M. 131"-----	130. 84
Wendts Ferry, about 1.3 miles southeast of, in front of Lee Penrise farmhouse, south side of road, at front yard fence; iron post stamped "130 3 Prim. Trav. Sta. 12"-----	130. 411
Fork of road to Wendts Ferry, southwest corner, spike in root of hackberry tree; marked "U. S. B. M. 126"-----	125. 66
McDowell Bridge, 6.9 miles north of, 0.3 mile north of Wendts Ferry, in front of house on Frank Meyer's place, occupied by Allen McDowell (colored), north side of road, at fence line; iron post stamped "124 4 Prim. Trav. Sta. 13"-----	124. 029
Wesley Church (colored), 250 feet northwest of, 10 feet north of road, 15 feet west of hackberry tree; iron post stamped "128 5 Prim. Trav. Sta. 14"-----	128. 236
McDowell Bridge, 11.2 miles north of, at three corners, Tom Sterling's land, house occupied by Reader Manning (colored); iron post stamped "135 6 Prim. Trav. Sta. 15"-----	134. 696
McDowell Bridge, 13.4 miles north of, at corner of Joe Robinson's land, 150 feet northwest of house occupied by Richard Hamilton (colored), at corner of fence, side of road; iron post stamped "136 7 Prim. Trav. Sta. 16"-----	135. 645
Sunnyside, 0.5 mile west of, at four corners, southeast corner, east side of road; iron post stamped "170 8 Prim. Trav. Sta. 17"-----	170. 400
Sunnyside, north of, east side of road, in branch bottom, spike in root of post oak; painted "153"-----	152. 50
Sunnyside, 2.4 miles north of, on J. C. Willis's farm, 350 feet west of house, 50 feet west of road to north, 10 feet east of 5-foot post oak; iron post stamped "155 9 Prim. Trav. Sta. 18"-----	155. 330
Walter Lofton's farm, 1,000 feet north of house, on east margin of road, spike in root of hackberry tree; painted "147"-----	146. 90
Sunnyside, 4.1 miles north of, at west edge of cotton field, 6 feet north of road, 10 feet south of 4-foot ash; iron post stamped "149 10 Prim. Trav. Sta. 19"-----	149. 408

Steel farm, 0.5 mile south of bridge over Clear Creek, at corner of wire fence, pecan tree used as corner post; iron post stamped "144 11 Prim. Trav. Sta. 20"-----	Feet. 144.038
<b>McDowell Bridge north along highways to point 1.3 miles south of Cochran.</b>	
San Felipe, 0.5 mile east of, at junction of McDowell-San Felipe road and south road to Wendt Ferry; iron post stamped "124"-----	124.078
San Felipe, 600 feet west of Methodist Church, on north side of road midway between T roads north and south, spike in root of 5-inch tree; marked "153"-----	152.88
San Felipe, 0.8 mile north of Methodist Church, on west side of road to Burleigh, just north of small bayou, 1,200 feet north of cross-roads; iron post stamped "127"-----	127.145
San Felipe, 1.7 miles north of Methodist Church, on road to Burleigh in front yard of Arthur Washington's place at T road to San Felipe, spike in stump of 12-inch chinaberry tree; marked "154.1"-----	153.96
Sealy, 4 miles northeast of, on John Mueller's place, 800 feet west of house on north side of lane from main road, about 900 feet east of main road to Bellville; iron post stamped "158"-----	158.210
Mills Creek, 100 feet north of, north end of upper steel bridge over creek on north side of road, 75 feet east of house occupied by Squire Campbell on Lewis Downley's plantation; iron post stamped "129"-----	129.165
Mills Creek Bridge, 0.8 mile northeast of, on north side of road to Burleigh, 0.4 mile south of Macedonia negro schoolhouse, where road makes angle to north; spike in root of 24-inch hackberry tree, marked "127.4"-----	127.26
Macedonia schoolhouse, 0.4 mile north of, on east side of road through fields to Burleigh, in front of John Matthew's cabin; spike in root of 15-inch oak, marked "133.4"-----	133.20
Hack's ginhouse, 300 feet northwest of, 75 feet west of road along fence line; spike in root of 24-inch pecan tree, marked "137.4"-----	137.16
Hack's ginhouse, 0.5 mile north of, on west side of road up river, 300 feet northwest of cabin to east of road, 500 feet southeast of cabin to west of road, 0.5 mile south of Fort's house; iron post stamped "140"-----	139.332
R. C. Fort's house, 0.8 mile north of, on east side of road up river, on edge of river bank; spike in root of 12-inch cottonwood tree which stands somewhat alone in clearing, marked "136.9"-----	136.66
George Morgan's house, 75 feet southwest of; spike in root of stump on west side of road, marked "138.3"-----	138.08
Feorn Keoeurather's place, 300 feet south of Ed. Currèy's cabin, 20 feet south of ditch across cotton field, 0.5 mile southeast of Miller's gin; iron post stamped "144"-----	143.401
Miller's gin, 1.3 miles north of, at junction of main road to Bellville and road through Buck's bottom; spike in root of 15-inch oak at northwest corner, marked "141.1"-----	140.82
Buck's gin, 0.5 mile south of, at northeast edge of Buck's bottom, 20 feet west of road at gate, 600 feet north of Williams's negro cabin; iron post stamped "141"-----	140.927
Buck's gin, 0.5 mile northeast of, at northeast end of lot for Buck's quarters, 1,000 feet north of Abe Wright's negro cabin; spike in root of smaller of two oaks that stand together, 300 feet south of fence, marked "154.2"-----	153.87

## BRENHAM QUADRANGLE.

Steel farm northwest along highway along east side of river to Harmon.

Steel farm, 0.5 mile north of, gate of farmhouse, east side of road; iron post stamped "152 12 Prim. Trav. Sta. 21"-----	Feet. 151.884
Steel farm, at corner of wire fence front of shanty, in top of guard post; spike painted "160"-----	160.20
Steel farm, west side of road, 200 feet south of gate, spike in root of post-oak tree; painted "180"-----	180.05
Steel farm, 3 miles north of, on road to Hempstead, 600 feet south of fork in road to Lewisville, 15 feet east of road; iron post stamped "190 13 Prim. Trav. Sta. 22"-----	189.676
Steel farm, 6 miles north of, on road to Lewisville, 0.5 mile west of Hempstead road, north side of road, in edge of woods; iron post stamped "202 14 Prim. Trav. Sta. 23"-----	205.184
Lewisville Church, 0.8 mile northwest of, on Crooks's land, 500 feet north of house occupied by John Bush (colored), west side of road; iron post stamped "185 15 Prim. Trav. Sta. 24"-----	187.584
Hempstead, 3.2 miles west of, on Houston & Texas Central R. R., 200 feet east of wooden bridge, 800 feet west of Pointer station sign, 80 feet south of track; iron post stamped "211 16 Prim. Trav. Sta. 25"-----	213.578
Harmon, 0.8 mile west of, Houston & Texas Central R. R. bridge over Brazos River, south side, top of east pier; aluminum tablet stamped "169 17 Prim. Trav. Sta. 26"-----	171.814
Brazos River Bridge, top of west pier, no mark (U. S. Army Engineers' elevation 196.01)-----	171.55

Point near Harmon north along west side of Brazos River to Washington.

New Years Creek, county bridge over, east side, top of north abutment; aluminum tablet stamped "165 18 Prim. Trav. Sta. 27"-----	164.923
McGregor farm, south side of road, spike in root of pecan tree; painted "163"-----	163.02
Grand Point, opposite, east side of road, spike in root of elm tree; painted "158"-----	157.82
Riverside plantation, 0.5 mile west of, 200 feet south of gate to lane, opposite old house, at west margin of road; iron post stamped "164 19 Prim. Trav. Sta. 28"-----	163.742
Henry Hughes's plantation, at edge of river, spike in root of Spanish oak tree; painted "168"-----	167.74
R. R. Felder's farm, west side of road, spike in root of ash tree; painted "168"-----	167.57
J. F. Buchanan's land, at southwest line, 30 feet north of old river levee, at road to negro houses; iron post stamped "168 20 Prim. Trav. Sta. 29"-----	167.787
J. F. Buchanan's land, 0.25 mile west of house, on west side of road, spike in root of elm tree; painted "167"-----	166.68
J. F. Buchanan's land, north side of road, spike in root of ash tree; painted "167"-----	167.09
Buchanan's house, 130 feet north of, on Giddings & Buchanan's land, north end of dam across Jackson Creek, at end of wire fence; iron post stamped "171 21 Prim. Trav. Sta. 30"-----	171.062
Giddings & Buchanan's land, near house occupied by Jim Franklin, spike in root of Spanish oak; painted "192"-----	192.43

Lott's place, east side of road, spike in root of Spanish oak; painted "192"-----	Feet. 191.51
Jackson Creek dam, 1.5 miles north of Jim Lott's land, near house occupied by Martin Avery (colored), at wire gate; iron post stamped "196 22 Prim. Trav. Sta. 31"-----	196.274
Lott's place, near Brown's schoolhouse, west side of road, spike in root of post oak tree; painted "238"-----	241.33
Four corners, northeast corner of road, 900 feet south of Brown's schoolhouse, spike in root of post oak tree; painted "211"-----	214.00
Graball, 1.5 miles south of, in front of Sam Grey's house, at west margin of road; iron post stamped "241 23 Prim. Trav. Sta. 32"-----	244.002
Three corners, 600 feet south of, east side of road, spike in root of pecan tree; painted "293"-----	295.85
Flat Prairie Church, 0.5 mile southeast of, east side of road, spike in root of elm tree; painted "174"-----	176.50
Brazos River, Lock No. 1, surface of water at upstream end of lock, Oct. 30, 1909-----	153.83
Brazos River, Hidalgo Falls, 400 feet east of Lock No. 1, 10 feet northeast of corner of office building; iron post stamped "190 30 Prim. Trav. Sta. 49A"-----	193.047
Brazos River, Lock No. 1, northwest corner post of old lock-tender's house, in post marked "U.S.B.M. 201.245"; spike (Corps of Engineers' bench mark)-----	193.97
Brazos River, Lock No. 1, 0.5 mile north of, 30 feet east of road, spike in root of pecan tree; painted "193 7"-----	195.78
Brazos River, Lock No. 1, 0.9 mile north of, east margin of road, spike in root of Spanish oak; painted "190 8"-----	192.64
Harrington switch, 100 feet south of railroad, 100 feet west of highway, spike in root of hackberry tree; painted "191 9"-----	193.22
Harrington switch, 0.5 mile west of, 20 feet north of railroad milepost 22, at fence line; iron post stamped "189 31 Prim. Trav. Sta. 50A"-----	192.524
Harrington switch, 2.5 miles west of, at milepost 20, north side of track, at fence line; iron post stamped "195 32 Prim. Trav. Sta. 51A"-----	198.236
Harrington switch, 3 miles west of, railroad bridge 2042, north side, east end; top of most easterly bolt in guard rail "198 13"-----	200.84
Allenfarm, 2,000 feet west of, 45 feet west of milepost 18, at fence line; iron post stamped "201 33 Prim. Trav. Sta. 52A"-----	204.227
Allenfarm, 2.5 miles west of, south side of railroad, at fence line; iron post stamped "199 34 Prim. Trav. Sta. 53A"-----	201.563
Allenfarm, 3 miles west of, at railroad bridge 2035 $\frac{1}{2}$ , east end, south side; top of bolt painted "204 18"-----	206.44
Sand pit north along highway along west side of river to point near Koppe farm bridge.	
Gulf, Colorado & Santa Fe Ry. bridge over Brazos River, downstream side, top of west pier; aluminum tablet stamped "203 35 Prim. Trav. Sta. 54A"-----	206.490
Gulf, Colorado & Santa Fe Ry. bridge, 0.5 mile west of, on road to stone quarry, 100 feet north of railroad track, spike in root of live oak; painted "205 19"-----	208.56
Lauderdale's rock crusher, 0.25 mile northwest of, east margin of road, spike in root of post oak; painted "205 20"-----	208.33

Flat Prairie Church, opposite, 6 feet east of gate, north side of road; iron post stamped "185 24 Prim. Trav. Sta. 33"-----	Feet. 187. 574
Graball-Washington road, 600 feet from, west side of road, spike in root of post oak tree; painted "200"-----	204. 00
Graball, 1.6 miles north of, at three corners, east margin of road, spike in root of post oak; painted "225"-----	229. 01
Graball, 2 miles north of, junction of Washington-Brenham roads, northwest corner of three corners, 10 feet from corner of fence; iron post stamped "270 25 Prim. Trav. Sta. 34"-----	273. 810
Bridge over Rocky Creek, 100 feet north of, west margin of road, spike in root of locust tree; painted "240"-----	244. 27
Old Washington, 1 mile south of, 125 feet south of three corners, west margin of road, spike in root of hackberry tree; painted "283"-----	286. 17
Old Washington, at corner of road opposite store; iron post stamped "225 26 Prim. Trav. Sta. 35"-----	228. 183
Old Washington, bridge over Brazos River, west pier, south end; aluminum tablet stamped "193 27 Prim. Trav. Sta. 36"-----	196. 324
Washington north along highway along east side of Brazos River to Harrington, thence west along Gulf, Colorado & Santa Fe Ry. to sand pit.	
Washington, bridge over Brazos River, south end east pier at top, marked "U $\Delta$ S" (U. S. Army Engineers' elevation 201.26)-----	195. 18
Washington, bridge over Brazos River, 0.5 mile northeast of, north margin of road, spike in root of pecan tree; painted "188 1"-----	190. 85
Washington, bridge over Brazos River, 1.1 miles northeast of, north margin of road, spike in root of hackberry tree; painted "180 2"-----	183. 45
Navasota River Bridge, 200 feet west of, at road leading up Brazos River, corner of fence; iron post stamped "185 28 Prim. Trav. Sta. 37"-----	188. 174
Navasota River Bridge, 1.5 miles north of, 100 feet east of road, spike in root of pecan tree; painted "185 5"-----	187. 87
Navasota River Bridge, 1.8 miles north of, 20 feet east end of bridge over slough; iron post stamped "187 29 Prim. Trav. Sta. 48A"-----	189. 640
Navasota River Bridge, 2.2 miles north of, south margin of road, spike in root of elm tree; painted "186 6"-----	188. 82
Lauderdale's quarry, 1 mile north of, west side of road, at three corners, spike in root of pecan tree; painted "195 21"-----	197. 99
Lauderdale's quarry, 1.5 miles north of, 50 feet west of road, spike in root of pecan tree; painted "202 22"-----	205. 25
Lauderdale's quarry, 2 miles north of, on Stone farm, west margin of road, at gate, 5 feet from gatepost; iron post stamped "204 36 Prim. Trav. Sta. 55A"-----	206. 795
Stone farm, 2.5 miles north of, stone quarry, east side of road, spike in root of elm tree; painted "198 23"-----	201. 39
Four corners, southwest corner of, 20 feet from corner, spike in root of ash tree; painted "200 25"-----	203. 63
Lauderdale's quarry, 3.2 miles north of, border of Stone and Jackson farms, 5 feet west of gate; iron post stamped "205 37 Prim. Trav. Sta. 56A"-----	207. 723
O. A. Seward's farm, south margin of road, 8 feet from gate, spike in root of pecan tree; painted "206 26"-----	209. 29
O. A. Seward's farm, 0.5 mile north of house, east margin of road, spike in root of cottonwood tree; painted "209 27"-----	212. 44

Nash place, 50 feet east of road, 10 feet east of crib, spike in root of pecan tree; painted "208 28"-----	Feet. 211. 03
Coulter place, east margin of road, spike in root of hackberry tree; painted "209 29"-----	211. 92
Smith's gin, 350 feet west of, 5 feet north of gate; iron post stamped "209 38 Prim. Trav. Sta. 57A"-----	212. 218
Smith's gin, 0.5 mile north of, 60 feet west of river bank, spike in root of willow tree; painted "211 29"-----	214. 26
Smith's gin, 1.5 miles north of, 50 feet east of road, spike in root of stump; painted "214 31"-----	216. 88
Smith's gin, 1.7 miles north of, southwest corner of three corners, side of road, spike in root of cottonwood tree; painted "214 32"-----	217. 65
Smith's gin, 2.3 miles north of (Koppe farm), west side of road, 6 feet from culvert; iron post stamped "215 39 Prim. Trav. Sta. 58A"-----	217. 982

Point 1.3 miles south of Cochran north along highways on west side of Brazos River to Houston & Texas Central R. R. bridge over river at Harmon switch, thence north along highways on east side of Brazos River to point 1.7 miles south of Courtney.

Cochran, in front of schoolhouse, on east side of road, nail in root of 12-inch oak; marked "177.4"-----	177. 07
Cochran, 1.9 miles north of, north of old road, about 0.3 mile north of negro cabin, 600 feet south of branch, at end of lane, on edge of highland, nail in root of 18-inch oak; marked "184.6"-----	184. 19
Cochran, 3 miles north of, on road to Chapel Hill, at northwest corner of Lew Brook's place, on west side of road, at angle from north to east, just after entering bottom, 50 feet south of large bayou; iron post stamped "151"-----	150. 951
Cochran, 4.6 miles north of, on Chapel Hill road, at southwest corner of three corners, in front of Gus Turner's (negro) cabin; iron post stamped "157"-----	157. 020
Houston & Texas Central R. R. bridge over Brazos River, 2.1 miles south of, on Mars Markup plantation, east of Chapel Hill road, in front of cabin occupied by Andrew Jackson (colored); iron post stamped "163"-----	162. 301
Houston & Texas Central R. R. bridge, 1.25 miles south of, in field at south edge of road through field, near old levee, 600 feet west of negro cabin, nail in root of 18-inch pecan tree-----	159. 43
Houston & Texas Central R. R. bridge over Brazos River, 0.8 mile west of Harmon, in top of east pier south side; aluminum tablet stamped "169 No. 17 Prim. Trav. Stat. 26"-----	171. 814
Harmon, opposite station, spike in telegraph pole; marked "158" (Semper's bench mark)-----	161. 41
Houston & Texas Central R. R., 0.7 mile north of railway, about 400 feet from timber to east and west, nail in root of 36-inch elm which stands alone in cotton field; marked "154.1"-----	156. 81
Stone's gin, 1,500 feet southeast of, on Stone plantation, 6 feet north of road from house, on hill to east, 5 feet from gin house, 15 feet southeast of 30-inch pecan tree which stands alone in cotton field; iron post stamped "162 Prim. Trav. Sta. 38A"-----	164. 172
Stone's gin, 0.6 mile northeast of, about 400 feet east of main timber line along river, in thicket, notch in root of western of two large dead trees; marked "160.9"-----	163. 41

Stone's gin, 1.1 miles north of, on north side of large bayou, at edge of timber along bayou, about 300 feet north of main timber line along river; notch between forks of two forked elms, marked "163.3"-----	Feet. 165.68
John Torrey's house, 200 feet northeast of, 150 feet south of stable, 100 feet southeast of 8-inch dead pecan tree, about 1.5 miles southwest of Wood's ginhouse; iron post stamped "175 Prim Trav. Sta. 39A"-----	177.657
John Torrey's house, 0.8 mile north of, 100 feet northeast of, mouth of ditch dug on cut-off, 5 feet east of river bank at north edge of timber; nail in root of 12-inch cottonwood tree, marked "167.1"---	169.87
John Torrey's house, 1.1 miles northeast of, 75 feet south of field road through Loch Buchanan's bottom, 50 feet west of edge of cotton and corn fields, 15 feet west of 16-inch oak, which stands 500 feet east of thicket and is distinguishable as the only oak in field with leaves to top; iron post stamped "178 Prim. Trav. Sta. 40A"-----	180.633
Negro settlement on Loch Buchanan's plantation, in west side of quarters, just west of tank; nail in root of 26-inch oak, marked "208.7"-----	211.09
Wood's gin, 1 mile north of, at southwest corner of road to Clark's bottom and road through negro settlement; nail in root of 24-inch oak, marked "200.7"-----	203.95
Wood's gin, 2.3 miles northeast of, at south edge of Clark's bottom, 75 feet east along road to east at foot of lane, 0.2 mile north of John Marshall's house; iron post stamped "168 Prim. Trav. Sta. 41A"-----	171.659
Charles Thornton's cotton field, southwest corner of, about 0.8 mile southwest of house, 200 feet from west timber line, 1,000 feet from south timber line; nail in root of 24-inch pecan tree, marked "166.2"-----	169.23
Charles Thornton's house, in foot of brick pier under porch at southeast corner; cross cut on brick marked "171.3"-----	173.36
Charles Thornton's house, 0.8 mile northeast of, 400 feet south of cabin, 10 feet south of two large pecan trees which stand along in field about 75 feet east of road; iron post stamped "173 Prim. Trav. Sta. 42A"-----	175.230
Charles Thornton's house, 1.6 miles northeast of, 150 feet back of gate at fence corner, at corner of old field, cotton field and timber, on east side of road to railroad; nail in root of 12-inch hackberry tree, marked "173.9"-----	175.90
Courtney, 2.5 miles south of, 100 feet north of milepost 60, 300 feet north of Grimes-Waller county line post, at northwest corner of road crossing with Houston & Texas Central R. R.; iron post stamped "192 Prim. Trav. Sta. 43A"-----	194.072
Courtney, 1.7 miles south of, bridge "61A" on Houston & Texas Central R. R., west wing wall of south abutment, in stone 30 inches from south end, 8 inches from west edge; chiseled cross in circle, marked "180.5"-----	182.21
Courtney, on Houston & Texas Central R. R., at foot of principal street, 75 feet east of south end of station, at corner of fence; iron post stamped "185 Prim. Trav. Sta. 44A" (as reset)-----	185.121



**Courtney north along Houston & Texas Central R. R. and public roads up  
the east side of Brazos River to Navasota.**

Courtney, 2.5 miles north of, 50 feet west of Houston & Texas Central R. R. track, at road crossing, 0.2 mile north of negro cabin; iron post stamped "181 Prim. Trav. Sta. 45A"-----	Feet. 181.723
Courtney, 4.6 miles north of, on west end of southernmost transverse girder in bridge of Houston & Texas Central R. R. over Walkers Creek; chiseled cross marked "188.2"-----	189.03
Walkers Creek, 0.9 mile northwest of Houston & Texas Central R. R. bridge over, on Wilson's plantation, 1,200 feet north of road leading from railway to plantation house, about 0.5 mile west of railway, 15 feet west of 24-inch oak which stands alone in small tongue of highland; iron post stamped "197 Prim. Trav. Sta. 46A"-----	198.112
Barron's plantation, 75 feet south of house, distinguishable by a white stone chimney to south, copper nail in root of 36-inch oak; marked "189.4"-----	189.92
Barron's house, 900 feet north of, on east side of road to gin, opposite newly built negro cabin, copper nail in root of 12-inch elm tree; marked "188.4"-----	188.81
Wilson's gin, 0.4 mile northwest of, 900 feet north of road to bottom, 6 feet east of north-south fence between cotton fields at edge of bottom; iron post stamped "189 Prim. Trav. Sta. 47A"-----	189.076
Navasota, 0.3 mile west of, at west end of wagon bridge over Navasota River; iron post stamped "185 Prim. Trav. Sta. 37"---	188.174

**Old Washington northwest along roads up west side of Brazos River to Gulf,  
Colorado & Santa Fe Ry. bridge at sand pit.**

Old Washington, on road bridge over Brazos River; tablet stamped "193 Prim. Trav. Sta. 36"-----	196.324
Old Washington, 0.8 mile northwest of, on east side of road to Clay station, at E. C. Currey's house, 400 feet south of T road west, copper nail in root of 20-inch oak tree; marked "236.4"-----	233.41
Old Washington, 1.6 miles northwest of, on east side of road to Clay, 300 feet south of gate across road through Moore's place, nail in root of 30-inch oak tree; marked "U.S.T.B.M. 192.1"-----	189.13
H. M. Moor's house, 0.7 mile south of, at junction of Y lane, east to house, nail in 12-inch oak tree; marked "262.3"-----	259.31
H. M. Moor's place, 0.5 mile north of cross lane along lane that leads from Moor's house north to Washington-Independence road, east of road on small summit, at vacant shanty, about 1.3 miles southwest of Moor's house; iron post stamped "286 Prim. Trav. Sta. 96A"-----	283.270
Charlie Bruloor's house, 300 feet south of, 15 feet from road, at angles from east to north, in sandstone slab from ledge north of road, 2-inch square hole chiseled in outline; center of hole; stone marked "302.44"-----	299.46
St. Matthew's Church (negro), 0.5 mile southeast of, 40 feet south of angle in road from north to west, nail in root of 20-inch oak tree; marked "341.2"-----	337.28
St. Matthew's Church, 300 feet west of, west of road; iron post stamped "351 Prim. Trav. Sta. 97A"-----	346.939
St. Matthew's Church, 0.8 mile northwest of, in bottom 175 feet north of first bayou north of church, 300 feet west of thicket along river, in center of field, nail in root of 36-inch pear tree; marked "207.3"---	203.33

St. Matthew's Church, 1.8 miles west of, 300 feet south of river, 100 feet west of second bayou north of church, in cottonfield, where bayou turns northwest, nail in 12-inch stump cut 1 foot high; marked "209.7"-----	Feet. 205.79
Rockling's place, 0.5 mile northeast of house in cornfield where river makes sharp angle from west to south, 300 feet east of one side of angle and 1,000 feet south of other side, 5 feet north of 26-inch dead pin-oak tree, 300 feet southwest of large dead limbless tree; iron post stamped "218 Prim. Trav. Sta. 98A"-----	213.715
Rockling's place, 1 mile northeast of, at edge of river in woods, nail in root of 12-inch elm tree; marked "205.3"-----	201.35
North bank of large creek, 400 feet from its mouth, at south end of clearing used for hog pasture; iron post stamped "205 Prim. Trav. Sta. 99 A" (as reset)-----	199.528
Yegua River, 0.25 mile south of mouth of, on east side of river, nail in root of 30-inch oak tree at edge of river at boat crossing; marked "205.7"-----	201.71
Sand pit, on downstream end of west pier of Gulf Colorado & Santa Fe Railway bridge; aluminum tablet stamped "210"-----	206.490
Sand pit north along International & Great Northern R. R. up east side of Brazos River to Enright.	
Clays farm, 0.9 mile south of house, 1,800 feet south of cabin, in field, 400 feet east of levee; at large pecan tree which stands alone in field; iron post stamped "No. 11 Prim. Trav. Sta. 95A" (reset value)-----	206.720
Clays farm, 0.8 mile east of house, 0.6 mile south of section house, 50 feet west of railroad, north of dirt road at crossing; iron post stamped "No. 10 Prim. Trav. Sta. 94A"-----	234.060
<b>BRYAN QUADRANGLE.</b>	
<b>Koppe farm bridge northwest along west side of Brazos River to Pittbridge.</b>	
Koppe farm, bridge over Brazos River, west abutment, top, on downstream side; chiseled square marked "221 34"-----	224.68
Koppe farm, 0.2 mile east of, 160 feet south of road, spike in root of Spanish oak; painted "213 35"-----	216.04
Koppe farm, 300 feet north of, 20 feet north of culvert over drainage ditch, 400 feet east of cotton gin; iron post stamped "214 40 Prim. Trav. Sta. 59A"-----	216.921
Koppe farm, 0.5 mile north of, 40 feet west of fork of road, at south margin of roads, spike in root of stump; painted "214 36"-----	217.19
Koppe farm, 1 mile north of, north end of downstream side of bridge, spike in guard rail; painted "213 37"-----	216.22
Chance's store, 60 feet south of, west side of road, 8 feet from gatepost; iron post stamped "218 41 Prim. Trav. Sta. 60A"-----	220.813
Chance's store, 0.2 mile north of, west side of road, spike in tree root; marked "39"-----	219.37
Chance's store, 1 mile north of, 350 feet west of Whites Chapel, west margin of road, spike in root of elm; painted "221 40"-----	224.45
Whites Chapel, 0.5 mile north of, west side of road, spike in root of Spanish oak; painted "222 41"-----	225.46
Whites Chapel, 1 mile north of, east side of road, spike in root of Spanish oak; painted "222 42"-----	225.44

Robinson's place, 300 feet west of house, southwest corner of road, 80 feet west of barn; iron post stamped "221 42 Prim. Trav. Sta. 61A"-----	Feet. 224. 370
Robinson's place, 1 mile north of, 10 feet east of gate, margin of road, spike in root of ash tree; painted "220 44"-----	223. 41
Jones Bridge over Brazos River, west side, downstream, top of pier; aluminum tablet stamped "228 43 Prim. Trav. Sta. 62A"-----	230. 945
Jones Bridge over Brazos River, east end, upstream side, top of pier (U. S. Army Engineers' bench mark; no mark)-----	233. 22
Wooden bridge over branch, 15 feet south of, east side of road, spike in root of pecan tree; painted "219 46"-----	222. 05
Butler's cotton gin, 0.2 mile south of, 50 feet southeast of road; spike in root of pecan tree, painted "223 48"-----	225. 89
Butler's place, southwest corner of yard; iron post stamped "225 44 Prim. Trav. Sta. 63A"-----	227. 809
Butler's place, 0.5 mile north of, west margin of road; spike in root of elm tree, painted "220 49"-----	222. 85
Butler's place, 1 mile north of, west margin of road; spike in elm tree, painted "219 50"-----	222. 11
Butler's place, 1.7 miles north of, west margin of road; spike in root of elm tree, painted "226 51"-----	228. 86
Butler's place, 2 miles north of, 100 feet west of culvert, opposite corner of pasture, north margin of road; iron post stamped "224 45 Prim. Trav. Sta. 64A"-----	227. 434
Butler's place, 2.5 miles north of, 90 feet north of offset in road, west margin of road; spike in root of pecan tree, painted "228 52"-----	231. 05
Pittbridge, 1.6 miles south of, west margin of road; spike in root of ash tree, painted "231 53"-----	233. 92
Bayou Bridge, 150 feet north of, east margin of road; spike in root of elm tree, painted "230 54"-----	233. 06

Enright northwest by highway along railroad to Pittbridge.

Enright, 0.4 mile north of, east of track, south of road at crossing; iron post stamped "No. 9 Prim. Trav. Sta. 93A"-----	287. 282
Rayder, 0.8 mile south of, 400 feet north of sign "Enright 1 mile," in west longitudinal girder over bridge 128; top of north bolt, marked "No. 21"-----	293. 95
Wilkins, 1.1 miles west of, on east side of road to Koppe's bridge, at top of small summit, 3 feet west of wire fence; iron post stamped "No. 8 Prim. Trav. Sta. 92A"-----	286. 294
Koppe's Bridge, 1 mile north of, on north side of road through cotton field, 0.4 mile west of cabin, at three large elm trees; iron post stamped "No. 71 Prim. Trav. Sta. 91A"-----	216. 190
Whites Creek, 1.25 miles south of, 900 feet southeast of brick chimney of burned dwelling on point of high land about 200 feet from river, about 600 feet from river; nail in root of 12-inch pecan tree which stands between two small sloughs, marked "No. 13"-----	228. 46
Whites Creek, 0.4 mile south of, on east edge of small bayou that runs between cotton field and scattered timber, 500 feet from river bank; iron post stamped "No. 6 Prim. Trav. Sta. 90 A"-----	218. 910
Whites Creek, 1.200 feet north of, on east edge of bayou, 100 feet from river bank; nail in root of two-pronged pecan tree; temporary bench mark; marked "No. 12"-----	218. 85

Jones Bridge, 3 miles east of, 150 feet northwest of river, on north edge of small slough, nail in 12-inch pecan tree about 1 foot above ground, temporary bench mark; marked "No. 11"-----	Feet. 222. 53
Jones Bridge, 2.1 miles east of, on west bank of Bushy Creek, 1,000 feet north of river, 1,000 feet southeast of negro cabin on bare hill; iron post stamped "No. 5 Prim. Trav. Sta. 89 A"-----	221. 498
Jones Bridge, 1.6 miles east of, 450 feet east of fence directly across river from Robinson's place; nail in root of 36-inch elm which stands alone; temporary bench mark; marked "No. 10"-----	221. 41
Jones Bridge, 1 mile east of, in old cornfield, 600 feet north of small bayou, 50 feet west of timber along hill; nail in root of 28-inch pecan tree; temporary bench mark; marked "No. 9"-----	223. 77
Jones Bridge, in south side of west pier, in top; aluminum tablet stamped "43 228 Prim. Trav. Sta. 62 A"-----	230. 945
Jones Bridge, 1.4 miles west of, about 800 feet east of river, south edge of old field, north edge of small bayou, nail in root of small three-pronged blackjack; temporary bench mark; marked "No. 8"-----	234. 28
Jules Koppe's house, 3.3 miles south of, at north edge of strip of timber between two fields, about 200 feet west of southeast corner of north field, 600 feet east of river, 0.5 mile north of Thompson's Creek, nail in 12-inch elm about 3 feet above ground; temporary bench mark; marked "No. 7"-----	228. 97
Jules Koppe's house, 2.6 miles south of, south side of lane at gate to wood road which runs along edge of small field; iron post stamped "Prim. Trav. Sta. 88 A"-----	226. 485
Jules Koppe's house, 0.8 mile south of, on west side of road, just south of bayou crossing, nail in 12-inch willow; temporary bench mark; marked "No. 5"-----	227. 56
Jules Koppe's place, 700 feet southwest of John Zulkowsky's house, in front of negro cabin, at northeast corner of T road; iron post stamped "Prim. Trav. Sta. 87 A"-----	244. 881
Jules Koppe's place, 0.5 mile north of, west of road; nail in root of 12-inch hackberry tree-----	243. 82
Pittbridge, 2.5 miles southeast of, at T road; nail in root of 36-inch oak tree-----	261. 13
Pittbridge, 1.8 miles east of, on west side of north-south road to Stone City, at T road to Bryan, in front of church building; iron post stamped "Prim. Trav. Sta. 86 A"-----	264. 600
Pittbridge, in steel plate at top of west steel pier on north side of bridge; chiseled square in outline-----	242. 85
Little Brazos Bridge, 1.2 miles east of, White church at T roads, at northwest corner; nail in 24-inch hackberry tree-----	242. 92

## HEARNE QUADRANGLE.

Point 2 miles east of Pittbridge north along public roads up east side of Brazos River to Stone City.

Bridge over Little Brazos River, 0.6 mile east of, along road to Bryan, north of road at cabin; nail in root of 24-inch oak-----	245. 67
Bridge over Little Brazos River, west end of, about 1.5 miles southeast of Stone City, south of road; iron post stamped "Prim. Trav. Sta. 85A"-----	232. 680
Stone City, opposite post office; nail in root of elm tree; marked "239"-----	242. 72

**Marleys Ferry (Stone City) north along roads up west side of Brazos River to point 2 miles south of Sixmile Bridge.**

	Feet.
Marleys Ferry, 800 feet west of, near store; iron post stamped "262"	265. 617
Marleys Ferry, 1.8 miles north of, 100 feet from river, nail in 12-inch elm in old slough that runs along river; marked "235 2"-----	233. 83
Marleys Ferry, 2.3 miles north of, at north edge of clearing, 400 feet from river, near fence line; iron post stamped "251 Prim. Trav. Sta. 84A"-----	250. 653
Cedar Creek, 0.4 mile south of, Hiram Wilson's (colored) place, 600 feet south of large bayou about 200 feet from river, nail in 17-inch walnut; marked "246.6"-----	245. 21
Cedar Creek, 0.4 mile east of, at south edge of thicket, about 400 feet east of dilapidated cabin in cotton field, nail in 36-inch pecan tree; marked "243.55"-----	242. 11
George Washington's (colored) place, about 2,000 feet east of house, in field at foot of road to bottom, 15 feet west of ditch through field, near two pecan trees which stand close together; iron post stamped "247 Prim. Trav. Sta. 83A"-----	245. 079
Jackson's plantation, west end of, at east edge of thicket about 300 feet from river, nail in root of 18-inch wild chinaberry tree; marked "249.9"-----	248. 42
Jacksons' plantation, 1,200 feet north of cabin occupied by Dave Washington (colored), at south edge of timber, nail in 9-inch oak; marked "286.23"-----	284. 76
Jim Moor's plantation, about 0.5 mile southeast of house, 1,200 feet west of cabin, in cotton field, nail in 12-inch pecan; marked "289.4"-----	287. 97
Jim Moor's plantation, on east edge of, 300 feet west of strip of timber along Damm Branch, nail in 12-inch oak; marked "266.9"-----	265. 38
Three corners, south side of road at, 500 feet west of negro cabin, near large oak; iron post stamped "271.8"-----	270. 29
Craig's place, directly east about 70 feet from house occupied by Williams, nail in root of 18-inch oak which leans toward house; marked "279.2"-----	277. 71
Rita, 1.5 miles northeast of, at east edge of timber, in bottom, 0.4 mile south of old cabin which stands on small knoll; iron post stamped "258"-----	256. 091
Y road, 250 feet north of, near river, on east side of old road, 10-penny nail in 20-inch oak; marked "279.6"-----	278. 18
<b>Pittbridge north along highway along west side of river to Moseleys Ferry.</b>	
Pittbridge, 0.5 mile west of, southwest corner of three corners, 3 feet from fence corner; iron post stamped "231 46 Prim. Trav. Sta. 65A"-----	234. 864
Pittbridge, 1.5 miles west of, south margin of road, spike in root of pecan tree; painted "233.56"-----	235. 84
Parker's store, 1,000 feet north of, at gate leading into field, north margin of road; iron post stamped "243 47 Prim. Trav. Sta. 66A"-----	245. 816
Parker's store, 1 mile north of, 100 feet west of road, at turn to east, spike in root of bois d'arc tree; painted "243 58"-----	245. 87
Moseleys Ferry, 0.3 miles south of, north margin of road, spike in root of hackberry tree; painted "253 59"-----	256. 61
Moseleys Ferry, 600 feet south of, 30 feet east of Sam Wilson's store; iron post stamped "262 48 Prim. Trav. Sta. 67A"-----	265. 617

**Moseleys Ferry north along east side of river along Hearne & Brazos Valley  
R. R. and International & Great Northern R. R.**

Moseleys Ferry, 600 feet east of, 100 feet east of Stone City post office, spike in root of elm tree; painted "239 60"-----	Feet. 242. 72
Moseleys Ferry, 0.5 mile north of, 100 feet west of railroad, spike in root of pecan tree; painted "239 61"-----	242. 32
Stone City, 1 mile north of, 50 feet west of railroad, spike in root of pecan tree; painted "245 62"-----	248. 14
Mills, 930 feet north of, 10 feet west of track, on north side of railroad crossing; iron post stamped "241 49 Prim. Trav. Sta. 68A"---	244. 500
Mills, 0.7 mile north of, 15 feet east of railroad, spike in root of cottonwood tree; painted "241 63"-----	244.00
Mills, 1.1 miles west of, 110 feet west of railroad, spike in root of pecan tree; painted "245 64"-----	248. 46
Steel's store, 0.2 mile south of, 150 feet south of railroad crossing, spike in root of hackberry tree; painted "244 65"-----	247. 49
Steel's store, railroad crossing at freight platform, 20 feet east of track, at fence corner; iron post stamped "245 50 Prim. Trav. Sta. 69A"-----	248. 900
Steel's store, 1 mile north of, 20 feet west of track, spike in root of pecan tree; painted "248 67"-----	251. 88
Steele's store, 1.5 miles north of, 80 feet west of railroad track, spike in root of cottonwood tree; painted "252 68"-----	255. 73
Ashton's gin, 200 feet north of, at road crossing, 6 feet west of track; iron post stamped "251 51 Prim. Trav. Sta. 70A"-----	254. 660
Ashton's gin, 0.5 mile north of, 120 feet west of track, spike in root of cottonwood tree; painted "249 69"-----	252. 26
Mumford, 0.7 mile south of, 50 feet west of track, spike in root of elm tree; painted "246 70"-----	249. 76
Mumford, 0.2 mile north of, opposite water tank, between tracks of Hearne & Brazos Valley and International & Great Northern R. Rs.; iron post stamped "254 52 Prim. Trav. Sta. 71A"-----	257. 737
Olinda switch, opposite railroad crossing of Hearne & Brazos Valley and International & Great Northern R. Rs. tracks; iron post stamped "260 53 Prim. Trav. Sta. 72A"-----	263. 411
Tatsie switch, on International & Great Northern R. R., 330 feet south of junction of railroads, 4 feet south of station sign, between tracks; iron post stamped "261 54 Prim. Trav. Sta. 73A"-----	264. 595
Valley Junction, 1.5 miles south of, 6 feet west of milepost 99, on International & Great Northern R. R.; iron post stamped "261 55 Prim. Trav. Sta. 74A"-----	264. 944
Valley Junction, 0.8 mile south of, 80 feet north of track, opposite crossing, spike in root of elm tree; painted "265 82"-----	268. 15
Valley Junction, 45 feet east of station, 30 feet south of east and west track; iron post stamped "274 56 Prim. Trav. Sta. 75A"-----	277. 422
<b>Valley Junction north along International &amp; Great Northern R. R. (east side of river) to milepost 114.</b>	
Valley Junction, 2,200 feet northwest of, 40 feet south of track, spike in base of milepost 101; painted "270 84"-----	273. 51
Valley Junction, 1.5 miles north of, 50 feet south of track, spike in base of milepost 102; painted "266 86"-----	269. 67

Valley Junction, 2.2 miles north of, 150 feet south of milepost 103, 20 feet east of track, at corner of wire fence, opposite road crossing; iron post stamped "Prim. Trav. Sta. No. 76 A 275 57"-----	Feet. 278. 260
Valley Junction, 4.4 miles north of, 10 feet west of track, opposite milepost 105; iron post stamped "277 58 Prim. Trav. Sta. No. 100 A"-----	280. 690
Milepost 106, 50 feet south of track, spike in foot of; painted "276 92"-----	279. 65
Marriam station, opposite seed house, north side of track, 5 feet south of station sign; iron post stamped "Prim. Trav. Sta. No. 101 A 282 59"-----	285. 291
Milepost 109, 5 feet north of, 30 feet west of road; iron post stamped "Prim. Trav. Sta. No. 102 A 283 60"-----	286. 218
Milepost 110, in first telegraph pole south of; spike painted "286 98"-----	289. 81
Milepost 111, directly west of post, at fence post; iron post stamped "Prim. Trav. Sta. No. 103 A 290 61"-----	293. 728
Milepost 112; spike painted "294 101"-----	297. 43
Milepost 113, 30 feet west of track, 2 feet south of post; iron post stamped "295 62 PRIM. TRAV. STA. 104 A"-----	298. 179
Milepost 114, in first telegraph pole south of; spike painted "297 104"-----	300. 67

**Sixmile Bridge north along west side of river to point near Valley Junction.<sup>1</sup>**

Sixmile Bridge, 1.4 miles southeast of, west of road, 300 feet south of clearing where road turns east, in 12-inch oak tree; 10-penny nail-----	304. 12
Sixmile Bridge, 0.8 mile southeast of, 600 feet south of negro's cabin, in pasture, 50 feet west of road through woods, in 30-inch oak; 10-penny nail-----	301. 28
Sixmile Bridge, 50 feet from north end of, 10 feet east of road from Stone City to Gause; iron post stamped "Prim. Trav. Sta. No. 80 A 264"-----	261. 996
Sixmile Bridge, 0.5 mile northwest of, on west side of road, in root of 12-inch oak tree; 10-penny nail-----	283. 44
Sixmile Bridge, 1.1 miles northwest of, 0.6 mile north of public road, on east side of creek, 200 feet south of junction with creek, to south, in notch in small tree; 10-penny nail-----	284. 30
Sixmile Creek, 1.5 miles south of, at southwest corner of clearing, 1,100 feet southeast of dwelling, 50 feet north of county road, to river, 200 feet east of small wooden bridge, near gap, in 18-inch white oak; nail marked "321.9"-----	319. 82
Twomile Creek, 1,000 feet south of, nail in 36-inch pecan tree which stands alone in bottom; marked "263.7"-----	261. 43
Brown's farm, 800 feet southeast of house occupied by Williams, at edge of cotton field, in small pasture, at summit of tongue of highland, running toward river; iron post stamped "Prim. Trav. Sta. 79 A 311"-----	308. 218
Brown's farm, north edge of, 500 feet south of timber, nail in 12-inch pecan tree which stands alone in field; marked "265.8"-----	263. 39
International & Great Northern R. R. bridge over Brazos River, 2.1 miles southeast of, nail in root of large pecan slanting toward hill at south edge of clearing, 300 feet north of edge of thicket; marked "270.7"-----	268. 20

<sup>1</sup>A gross error of 1 foot has been adjusted in this line.

International & Great Northern R. R. bridge over Brazos River, 1.5 miles southeast of, about 800 feet north of large bayou, 300 feet west of cabin on hill, 300 feet south of timber at; 28-inch oak tree; iron post stamped "Prim. Trav. Sta. No. 78-A 299.48"-----	Feet. 296.920
International & Great Northern R. R. bridge, 0.9 mile southeast of nail in root of 36-inch oak on Frank Thomas's place, near fence at north edge of cotton field, about 800 feet southwest of house; marked "302.8"-----	300.19
International & Great Northern R. R. bridge, 0.5 mile southeast of, on small ridge, nail in root of 14-inch pecan tree-----	305.05
<b>Valley Junction west along International &amp; Great Northern R. R. 1.7 miles, thence north to Port Sullivan.</b>	
Valley Junction, at southeast corner of crossing of International & Great Northern R. R., iron post stamped "Prim. Trav. Sta. 75 A 274"-----	277.422
Valley Junction, 1.7 miles west of, top of south end of western concrete retaining wall for bridge "95 C" on International & Great Northern R. R.; aluminum tablet stamped "Prim. Trav. Sta. No. 77 A 288"-----	285.068
Little River, 0.2 mile south of, 0.3 mile from mouth on bank of timbered slough 300 feet wide, which bears S. 60 degrees W. of open field on south of post and north of slough; iron post stamped "Prim. Trav. Sta. No. 25 TEXAS 1910 273"-----	270.328
Port Sullivan, about 0.6 mile west of, Brazos River bridge, on land of Mr. Harbon, at south fence, lane of private road opposite small shanty, in clump of trees; iron post stamped "Prim. Trav. Sta. No. 1"-----	301.080
<b>Port Sullivan north along west side of river to Wildcat Bridge and across river to milepost 109.</b>	
Port Sullivan, 1,500 feet north of post office, 300 feet south of house, copper nail in large oak tree on river bank-----	283.66
Port Sullivan, 0.8 mile north of, copper nail in pecan tree 500 feet from river bank in open field-----	276.00
Port Sullivan, 1.4 miles north of, in open field, 2 feet north of wire fence, 225 feet from river, on land owned by John Livingston (colored); iron post stamped "Prim. Trav. Sta. No. 26 TEXAS 1910 281"-----	280.457
Port Sullivan, 2 miles north of, in open field and 300 feet west of timber; nail in pecan tree-----	281.43
Port Sullivan, 2.3 miles north of, on knoll among scattering timber, copper nail in hackberry tree-----	304.70
Wildcat Bridge, 3 miles south of, 550 feet south of bank of Brazos River; on sloping ground at edge of timber line; iron post stamped "Prim. Trav. Sta. No. 27, TEXAS 1910 311"-----	311.047
Wildcat Bridge, 2 miles south of, copper nail in large pecan tree in open field-----	284.56
Wildcat Bridge, 0.9 mile south of, about 0.5 mile west of river bank, at edge of timber, 5 feet south of wire fence, on land owned by Mr. Martin; iron post stamped "Prim. Trav. Sta. No. 28 TEXAS 1910 322"-----	322.471



Wildcat Bridge, 0.5 mile south of, in open field, 300 feet west of river, 300 feet from wooded rising ground, copper nail in root of pecan tree; painted "U.S.B.M. 293"-----	Feet. 293. 04
Wildcat Bridge, 8 feet from southeast corner of, in top of concrete wing wall; aluminum tablet stamped "Prim. Trav. Sta. No. 29 288"-----	287. 438
Calvert Junction, about 1 mile south of, 5 feet north of milepost 109, 30 feet west of railroad; iron post stamped "Prim. Trav. Sta. No. 102 A"-----	286. 218
<b>Wildcat Bridge north along west side of river to Black Bridge and across river to milepost 113.</b>	
Wildcat Bridge, 0.5 mile north of, 800 feet west of river; copper nail in root of small pecan tree in grade in cultivated field; painted "U.S.B.M. 291"-----	290. 59
Wildcat Bridge, 1 mile north of, in cultivated field, about 600 feet west of river, copper nail in root of pecan tree; painted "U.S.B.M. 286"-----	286. 42
Wildcat Bridge, 1.5 miles northwest of, in open field about 400 feet west of river bank; copper nail in root of brushy cedar tree; painted "U.S.B.M.P.T. Sta. 85"-----	296. 31
Wildcat Bridge, 2 miles north of, opposite Calvert coal mine on other side of river, at edge of timber and open field, 2,000 feet west of river; iron post stamped "Prim. Trav. Sta. No. 30 308"-----	308. 108
Wildcat Bridge, 2.5 miles north of, 100 feet southeast of dry ravine, nail in root of hackberry tree on bank of river; painted "No. 19 P.T. 92"-----	290. 16
Wildcat Bridge, 3.2 miles north of, 300 feet west of river, at fence line between open fields; copper nail in root of small pecan tree-----	297. 41
Black Bridge, 1.2 miles south of, copper nail in oak tree on river bank at edge of timber-----	305. 54
Black Bridge, 0.5 mile west of Calvert, in top, north side of west pier; aluminum tablet stamped "Prim. Trav. Sta. No. 31 300"-----	299. 481
<b>Valley Junction up Little River to point 3.6 miles southwest of Cameron.</b>	
Valley Junction, 2.2 miles north of, 30 feet east of International & Great Northern R. R. track, 900 feet south of public road crossing, 200 feet south of milepost 103; iron post stamped "275"-----	278. 260
International & Great Northern R. R., 1 mile west of, north margin of public road, opposite negro house, copper nail in root of bois d'arc tree; painted "276"-----	275. 425
Port Sullivan, 50 feet east of east end of Brazos River bridge, south side of road, copper nail in root of pecan tree; painted "277 No. 2"-----	276. 28
Port Sullivan, about 0.6 mile west of Brazos River bridge, on land belonging to Mr. Harlan, at south fence line of private road opposite small shanty, in clump of trees; iron post stamped "Prim. Trav. Sta. No. 1 302"-----	301. 080
Port Sullivan, 1.1 miles west of, 150 feet east of farm road, on bench above flood plain, copper nail in root of pecan tree in open field; painted "289 No. 3"-----	289. 01
Port Sullivan, 1.8 miles west of, 600 feet east of negro house, copper nail in root of hackberry tree in brushy fence line; painted "285 No. 4"-----	284. 88

Port Sullivan, 2.1 miles west of, 50 feet south of fence line, 200 feet west of negro house on Mr. Harlan's land, just close to edge of flood plain, copper nail in root of oak tree; painted "288 No. 5"-----	Feet. 287. 70
Port Sullivan, 2.6 miles west of, 150 feet northwest of fence line and vacant shanty, copper nail in root of post oak tree in pasture; painted "287 No. 6"-----	286. 10
Port Sullivan, 2.8 miles west of, on land of Rufus Smith, in wooded pasture, bench above flood plain, 75 feet south of gate, 350 feet south of house, 15 feet northeast of painted post oak tree; iron post stamped "Prim. Trav. Sta. No. 2 291"-----	290. 359
Port Sullivan, 3.2 miles west of, on land of Rufus Smith, in wooded pasture, about 200 feet west of negro house, 100 feet east of wire fence, copper nail in root of blackjack oak; painted "287 No. 7"-----	286. 494
Port Sullivan, 3.7 miles west of, farm road leading west, in flood plain, 100 feet west of gate, in fence line on north side of road, copper nail in root of pecan tree; painted "277 No. 8"-----	276. 54
Port Sullivan, 4.1 miles west of, dead trees around, copper nail in root of pecan tree in field; painted "278 No. 9"-----	277. 12
Port Sullivan, 4.5 miles west of, 0.5 mile east of public road leading across Little River, copper nail in root of lone large pecan tree in open field; painted "279 No. 10"-----	278. 74
Cliff Tyson's house, 0.5 mile south of, public road crossing Little River, west side of road, 5 feet inside of wire fence and 5 feet from a corner fence post, negro house across road; iron post stamped "Prim. Trav. Sta. No. 3 281"-----	280. 053
Tyson's house, 0.9 mile southwest of, public road crossing Little River, 0.4 mile west of, 75 feet east of deep slough, copper nail in root of pecan tree (one of group); painted "283 No. 11"-----	282. 60
Tyson's house, 1.4 miles southwest of, 0.5 mile west of deep slough, copper nail in root of lone pecan tree in field; painted "283 No. 12"-----	282. 94
Tyson's house, 2.3 miles southwest of, vacant shanty near bank of Little River, about 100 feet west by 100 feet south of well, at fence line, copper nail in root of pecan tree; painted "286 No. 13"-----	285. 68
Tyson's house, 2.8 miles southwest of, about 200 feet east of Little River, in open field, copper nail in root of large mulberry tree; painted "296 No. 14"-----	295. 78
Cameron, 16.9 miles east of, in timbered pasture, at fence line, 10 feet west of a gate, 55 feet east of slough; iron post stamped "Prim. Trav. Sta. No. 4 298"-----	297. 185
Cameron, 16.3 miles east of, in partly cleared bottom land, brush and woods on south, cleared on north, just south of farm roadway, copper nail in root of elm tree; painted "288 No. 15"-----	287. 62
Cameron, 16.1 miles east of, large cotton field on south and west, brush and timber on northeast, at right-angle corner of timber, edge of farm road, copper nail in root of pecan tree; painted "287 No. 16"-----	286. 98
Cameron, 15.3 miles east of, in brush and wooded area partly cleared, 100 feet west of wire fence, copper nail in root of elm tree; painted "288 17"-----	287. 92
Cameron, 14.8 miles east of, at south edge of drainage ditch, copper nail in root of lone elm tree; painted "287 No. 18"-----	286. 52
Cameron, 14.4 miles east of, on sandy knoll about 20 feet higher than bottom lands and extending out into bottoms, 10 feet north of walnut tree, 90 feet east of negro house; iron post stamped "Prim. Trav. Sta. No. 5 307"-----	306. 518

Cameron, 13.6 miles east of, in edge of woods, 90 feet west of fence line and 25 feet south of fence line, open fields east and north, copper nail in root of large cottonwood tree; painted "292 No. 19"-----	Feet. 291.02
Cameron, 13.3 miles east of, 36 feet west of wire fence, in small grove between open fields, copper nail in root of 15-inch elm tree; painted "293 No. 20"-----	292.66
Cameron, 12.6 miles east of, in open field, 2,000 feet south of house with windmill on bluff, 400 feet west of fence line, copper nail in root of large lone persimmon tree 30 inches in diameter; painted "296 No. 21"-----	295.33
Cameron, 12.2 miles east of, at fence line between two pastures, 8 feet east of 20-inch sycamore tree, about 1,000 feet south of low fringe of hills, about 2,000 feet southwest of house with windmill, 350 feet east of water course; iron post stamped "Prim Trav. Sta. No. 6 299"-----	298.649
Cameron, 11.4 miles east of, copper nail in root of large lone pecan tree in field; painted "301 No. 22"-----	300.90
Cameron, 10.4 miles east of, at edge of hill and 90 feet north of Little River, copper nail in root of 24-inch oak tree; painted "307 No. 23"-----	306.71
Cameron, 10.1 miles east of, on bench land 30 feet above bottom lands, scattering timber and mesquite bushes, 1,000 feet east of bottom land, copper nail in root of leaning mesquite bush near primary traverse station No. 59; painted "333 No. 24"-----	332.30
Cameron, 9.6 miles east of, just above edge of bottom lands, in timbered pasture, copper nail in root of 20-inch oak tree; painted "309 No. 25"-----	308.98
Cameron, 9.1 miles east of, about 12 feet above bottom land, at fence line, 15 feet east of lone elm tree, 400 feet south of house occupied by a Mr. Henson, at wire gate; iron post stamped "Prim Trav. Sta. No. 7 311"-----	310.135
Cameron, 8.5 miles east of, about 500 feet west of a house, copper nail in root of lone elm tree at fence line between two pastures; painted "318 No. 26"-----	317.39
Cameron, 7.8 miles east of, at edge of woods and bottom lands, 100 feet north of a well and 300 feet from a house, copper nail in root of pecan tree; painted "319 No. 27"-----	318.49
Cameron, 7.3 miles east of, in strip of timber, 60 feet west of stream from north, copper nail in root of 24-inch pecan tree; painted "313 No. 28"-----	312.92
Cameron, 6.8 miles east of, on south side of creek, in strip of timber 1,000 feet wide, copper nail in root of 15-inch elm tree; painted "305 29"-----	304.19
Cameron, 5.9 miles east of, on south margin of east-west road, 10 feet east of an elm tree 15 inches in diameter, blazed and marked, 50 feet east of boundary fence between pasture and open field; iron post stamped "Prim. Trav. Sta. No. 8 306"-----	305.605
Cameron, 5.6 miles east of, 8 feet east of north-south wire fence, edge of woods, open land toward river, copper nail in root of double elm tree; painted "306 No. 30"-----	305.65
Cameron, 5 miles east of, edge of woods running north-south, at fence line, copper nail in root of elm tree; painted "309 No. 31"-----	308.06

Cameron, 4.5 miles east of, Cameron-Hearne highway at crossing of Elm Creek, under elm tree, 4 feet west of same, 25 feet west of bank of creek, 225 feet north of northeast corner of bridge; iron post stamped "Prim. Trav. Sta. No. 9 308"-----	Feet. 307.280
Cameron, 3.9 miles east of, west side of edge of timber and cultivated land, 4 feet east of wire fence, 1,200 feet west of house on hill, copper nail in root of elm tree on Elm Creek; painted "310 No. 32"-----	309.63
Cameron, 3.2 miles east of, west side of Elm Creek, 50 feet north of fence line and 500 feet south of small creek, copper nail in root of elm tree; painted "307 No. 33"-----	306.58
Cameron, 2.5 miles east of, on narrow point of land running out into bottom lands, 100 feet west of Little River, 55 feet southeast of W. K. Hawkins's house, copper nail in root of oak tree in barnyard; painted "328 No. 34"-----	327.48
Cameron, 1.9 miles east of, on bench land about 40 feet above river bottom and 150 feet north of, at wire fence line, copper nail in root of hackberry tree; painted "350 No. 35"-----	349.07
Cameron, 0.7 mile east of, 1.2 mile northeast of Gulf, Colorado & Santa Fe Ry. track, at wire fence line between fields, 50 feet southwest of large lone cottonwood tree, 2,000 feet east of sloping ground at edge of bottom land, tree blazed and painted; iron post stamped "Prim. Trav. Sta. No. 10 310"-----	309.458
Cameron, 0.3 mile east of, about 3,000 feet north of Gulf, Colorado & Santa Fe Ry. track, at fence line, on north margin of east-west road (farm), private telephone line along road, copper nail in root of large cottonwood tree; painted "311 No. 36"-----	310.50
Cameron, 0.4 mile southwest of, about 800 feet east of Gulf, Colorado & Santa Fe Ry. track, about 6 feet above bottom lands, near wire fence line and row of scattering trees, copper nail in root of hackberry tree; painted "319 No. 37"-----	318.93
Cameron, 1 mile south of, on road leading across Little River, 80 feet north of cemetery, copper nail in root of oak tree; painted "336 No. 38"-----	336.01
Cameron, about 1.2 miles southwest of, in center of Cameron-Rockdale road, 250 feet south of highland, 120 feet south of small road culvert; iron post stamped "Prim. Trav. Sta. No. 11 313"-----	312.764
Cameron pumping station, 175 feet north of plant and 100 feet west of road from Cameron to plant, copper nail in root of large cottonwood tree; painted "315 No. 39"-----	314.78
Cameron, 1.2 miles south by 1.2 miles west of, at fence line between two open cultivated fields, about 500 feet north of timbered land, in root of lone elm tree; copper nail painted "318 No. 40"-----	317.03
Cameron, 1.5 miles southwest of, in open field, 100 feet east of wire fence, copper nail in root of lone hackberry tree; painted "319 No. 41"-----	318.50
Cameron, 2 miles southwest of, 0.2 mile east of San Antonio & Aransas Pass Ry., on edge of gully, copper nail in root of elm tree; painted "314 No. 41"-----	313.267
Cameron, 2.5 miles southwest of San Antonio & Aransas Pass Ry., Bridge 232.9 over Little River, 35 feet east of north end of trestle, 245 feet north of north end of iron bridge, 250 feet north of river, at milepost "Houston 233;" iron post stamped "Prim. Trav. Sta. No. 12 324"-----	323.182

Cameron, 3.1 miles southwest of, in timbered pasture about 50 feet east of private pasture road and 300 feet west of Little River, copper nail about 25 feet above bottom lands in root of large post oak tree; painted "341 No. 42"-----	Feet. 340.22
Cameron, 3.6 miles southwest of, on west bank of watercourse, ten feet east of wire fence, copper nail in root of ash tree in open field; painted "315 No. 43"-----	314.63

## TAYLOR QUADRANGLE.

Point 3.6 miles southwest of Cameron northwest along highway up Little River to Little River station.

Cameron, 4.2 miles southwest of, in timbered pasture covered with mesquite bushes, in root of leaning mesquite tree; copper nail; painted "323 No. 44"-----	322.88
Cameron, 4.8 miles southwest of, at cross of two fences and joining point of two timbered pastures and two open cultivated fields, copper nail in root of tree at fence line; painted "326 No. 45"-----	325.42
Cameron, 5.4 miles southwest of, between timbered pasture and large open cultivated field, 8 feet north of wire fence, copper nail in root of elm tree; painted "323 No. 46"-----	322.51
Tompkins convict farm, at end of long strip of timber about 0.8 mile east of convict quarters, 3 feet west of wire fence between pasture and open field, large cleared field to west and south; iron post stamped "Prim. Trav. Sta. No. 13 328"-----	327.585
Tompkins convict farm, about 1,000 feet southwest of convict quarters, 75 feet south of wire fence, in large open cultivated field, copper nail in root of large lone oak tree; painted "330 No. 47"-----	329.214
Tompkins convict farm, 0.4 mile west of quarters, in water course in small pasture, about 300 feet west of house on hill and 20 feet west of wire fence, copper nail in root of ash tree; painted "325 No. 48"-----	324.15
Tompkins convict farm, 1.1 miles west of quarters, at fence line between two large cleared cultivated fields, copper nail in root of small elm tree; painted "334 No. 49"-----	333.18
Tompkins convict farm, 1.8 miles west of quarters, west margin of Cameron-Thorndale road, beside wire fence, 85 feet north of small wooden road bridge, 80 feet north of lone double elm tree on east side of road; iron post stamped "Prim. Trav. Sta. No. 14 336"-----	335.079
Tompkins convict farm, 2 miles west of quarters, in an open cultivated field about 500 feet north of timbered land, copper nail in root of lone double elm tree about 800 feet west of public road; painted "338 No. 50"-----	337.17
Tompkins convict farm, 2.5 miles west of quarters, on east margin of private field road, in open cultivated field, copper nail in root of large lone forked elm tree; painted "338 No. 51"-----	337.57
Tompkins convict farm, 3.1 miles west of quarters, in timbered pasture 30 feet south of wire separating pasture from open field, 125 feet east of negro house, copper nail in root of hackberry tree; painted "353 No. 52"-----	352.54
Tompkins convict farm, 3.9 miles west of quarters, on sloping ground about halfway to summit, at east fence line of timbered pasture about 50 feet wide, open fields east and west, approximately 0.2 mile north of river bottom and 45 feet above bottom lands; iron post stamped "333 Prim. Trav. Sta. No. 15"-----	382.831

Tompkins convict farm, 4.5 miles west of quarters, in mesquite pasture on south side of cattle lane, 10 feet from wire fence, copper nail in root of small oak tree; painted "399 No. 53"-----	Feet. 398.18
Tompkins convict farm, 5 miles west of quarters, on elevated piece of ground in timbered pasture, copper nail in root of large oak tree; painted "394 No. 54"-----	393.34
Tompkins convict farm, 5.6 miles west of quarters, between two open fields on a sloping hillside about 70 feet from large spreading live oak tree, copper nail in root of elm tree; painted "374 No. 55"-----	373.67
Tompkins convict farm, 5.9 miles west of quarters, in timbered pasture, copper nail in root of oak tree, 20-foot rise just west; painted "352 No. 56"-----	351.15
Tompkins convict farm, 6.8 miles west of quarters, in timbered pasture on north bank of dry watercourse (Haw Creek), copper nail in root of large oak stump about 300 feet from Little River; painted "346 No. 57"-----	346.01
Haw Creek, 400 feet north of, 600 feet northwest of river, at fence line between pasture and open cultivated fields, 80 feet south of junction of fence lines, 10 feet south of large hackberry tree, blazed and marked; iron post stamped "Prim. Trav. Sta. No. 16 350"-----	349.248
Haw Creek, 0.5 mile northwest of, about 0.3 mile east of Rockdale-Cameron public road, in open cultivated field, 5 feet south of private field road, copper nail in root of large lone elm tree; painted "349 No. 58"-----	348.95
Haw Creek, 0.8 mile northwest of, on west side of Rockdale-Cameron public road, about 0.5 to 0.8 mile from Little River, at fence line, copper nail in root of large lone pecan tree; painted "355 No. 59"-----	354.75
Haw Creek, 1.8 miles northwest of, between Cameron-Rockdale and Cummings Bridge roads, in timbered pasture about 100 feet south of dry watercourse, copper nail in root of large oak tree; painted "362 No. 61"-----	361.62
Haw Creek, 2.4 miles northwest of, between Rockdale-Cameron and Cummings Bridge public roads, on north bank of watercourse, 8 feet south of wire fence, copper nail in root of elm tree; painted "362 No. 62"-----	361.67
Haw Creek, 2.8 miles northwest of, about 0.2 mile east of Cummings Bridge road, 200 feet south of a series of low hills, on east bank of slough, in open cultivated field, 8 feet east of wire fence; iron post stamped "Prim. Trav. Sta. No. 17 362"-----	361.135
Haw Creek, 3.3 miles northwest of, about 800 feet north of Cummings Bridge road, in center of large open cultivated field, copper nail in root of lone elm tree; painted "365 No. 63"-----	364.30
Haw Creek, 3.7 miles northwest of, about 3,000 feet from Cummings Bridge road, in timbered pasture on west bank of slough and 75 feet east of wire fence, in open cultivated field, copper nail in root of a leaning elm tree; painted "360 No. 64"-----	359.666
Haw Creek, 4.1 miles northwest of, at fence line between pasture and open field, copper nail in root of hackberry tree; painted "366 No. 65"-----	365.933
Haw Creek, 4.8 miles northwest of, in narrow neck of woods extending out into an open cultivated field, copper nail in root of elm tree; painted "369 No. 66"-----	368.662

Haw Creek, 5.2 miles northwest of, on land of J. M. Coreley, about 0.5 mile northwest of Coreley's house, at end of narrow neck of woods, large cultivated field to north, 250 feet east of slough; iron post stamped "Prim. Trav. Sta. No. 18 372"-----	Feet. 372. 038
Buckholtz, about 6 miles south of station, in large open cultivated field, about 1,000 feet west of fringe of low hills, 0.2 mile southwest of house on hill, 40 feet northeast of tree blazed and marked, copper nail in stump of a small double willow tree; painted "378 No. 67"-----	377. 650
Bryant Bridge, 0.9 mile southeast of, in timbered pasture, about 500 feet south of low fringe of hills on north bank of slough, 10 feet south of a wire fence, copper nail in root of willow tree; painted "379 No. 68"-----	378. 252
Bryant Bridge, 600 feet north of, 85 feet west of road to station, at east fence line, at edge of wooded land, 0.1 mile northeast of river; iron post stamped "Prim. Trav. Sta. No. 19 431"-----	430. 817
Bryant Bridge, about 2,500 feet west of crossroad to, on property of Mr. Guschback, about 300 feet east of house, in timbered pasture, 15 feet east of wire fence between pastures, copper nail in root of elm tree; painted "425 No. 69"-----	424. 79
Bryant Bridge, 1.2 miles northwest of, at fence line between pasture and open cultivated field, about 50 feet east of joining of pasture with another field, copper nail in root of large elm tree; painted "389 No. 70"-----	388. 14
Bryant Bridge, 1.8 miles northwest of, in open cultivated field in cluster of four large oak trees, copper nail in root of large leaning oak tree; painted "390 No. 71"-----	389. 31
Bryant Bridge, 2.6 miles northwest of, at fence line between two timbered pastures, 20 feet north of private pasture road, 25 feet east of cleared fields of Frank A. Cox, near tree blazed and marked; iron post stamped "392 Prim. Trav. Sta. No. 20"-----	391. 861
Bryant Bridge, 3.2 miles northwest of, on property of Mr. Clarey, next to land of Mrs. Nichols, 12 feet south of narrow lane, 90 feet southeast of well, 500 feet east of house on hill; lane runs between open cultivated field and pasture and is used mostly as a cattle lane to river; copper nail in root of large elm tree; painted "397 No. 72"-----	396. 14
Bryant Bridge, 3.9 miles northwest of, on left bank of Little River, on west margin of Rogers-Davala public road, 5 to 6 miles from Rogers, 0.1 mile north of road bridge across river, very deep, dry watercourse about 200 feet to north, woods to west, open field to east, copper nail in root of leaning ash tree; painted "402 No. 73"-----	401. 181
Bryant Bridge, 4.5 miles northwest of, 150 feet north of Little River, at foot of hill, 200 feet southeast of open cultivated fields, in timbered bottom land, copper nail in root of leaning ash tree; painted "401 No. 74"-----	400. 95
Bryant Bridge, 4.8 miles northwest of, between two open cultivated fields, on east bank of dry watercourse, copper nail in root of large elm tree; painted "402 No. 75"-----	401. 26
Bryant Bridge, 6 miles northwest of, at wire fence line between timbered pasture and open cultivated field, in southwest corner of field, about 600 feet east of river, 6 feet northeast of tree marked and blazed; iron post stamped "Prim. Trav. Sta. No. 21 405"-----	404. 615

Bryant Bridge, 6.4 miles northwest of, in heavily timbered pasture, about 175 feet west of corner of open field, copper nail in root of large leaning elm tree; painted "405 No. 76"-----	Feet. 404. 17
Bryant Bridge, 7.5 miles northwest of, in small timbered pasture, 20 feet east of bank of Little River, 200 feet west of rising ground, midway between two wire fences about 200 feet apart, open fields to north, copper nail in root of large oak tree; painted "410 No. 77"-----	409. 450
Bryant Bridge, 8.2 miles northwest of, in timbered pasture 100 feet north of Little River, copper nail in root of large elm tree; painted "413 No. 78"-----	412. 68
Bryant Bridge, 8.7 miles northwest of, at private farm road through bottoms near river running north-south, about 30 feet east of river bank, at a board gate, copper nail in root of hackberry tree; painted "415 No. 79"-----	414. 03
Bryant Bridge, 9.4 miles northwest of, where timbered land runs out in small neck into open fields, open cultivated fields to north and south, 30 feet north of wire fence, copper nail in root of double hackberry tree; painted "413 No. 80"-----	412. 32
Reid bottom, in large open cultivated field, about 800 feet west of house occupied by W. H. Harris, 1,000 feet south of timber, from 0.5 mile to 1 mile east of river, 8 feet northeast of large lone cottonwood tree, 10 feet south of private field road; iron post stamped "Prim. Trav. Sta. No. 22 413"-----	412. 645
Reid bottom, 800 feet west of house occupied by Will Harris, 1,000 feet south of timber, 0.5 mile east of Little River, 1,000 feet west of rising ground, in open cultivated field, 10 feet south of private farm road through fields, copper nail in root of large double cottonwood tree; painted "412 No. 81"-----	411. 482
Burgess, 2 miles south of, in hedge of trees between two open fields, on east margin of field road, 25 feet west of wire fence, old sunken road to east, copper nail in root of hackberry tree; painted "419 No. 82"-----	418. 11
Burgess, 1.5 miles south of, in open field in bottom of dry watercourse, 50 feet north of private farm road through field, copper nail in root of hackberry tree; painted "419 No. 83"-----	418. 91
Burgess, 0.8 mile south of, in large open cultivated field, copper nail in root of pecan tree; painted "426 No. 84"-----	425. 26
Burgess (Reids Lake), 425 feet east of wire river bridge, 450 feet northeast of post office, 200 feet north of Reids Lake, 36 feet east of dry watercourse, 8 feet east of blazed and marked tree; iron post stamped "Prim. Trav. Sta. No. 23 430"-----	429. 149
NOTE.—The line here crosses Little River to the southwest side.	
Burgess, wagon bridge over Little River, elevation of center; water surface 40 feet lower-----	434. 94
Burgess, 3,200 feet west of, on brushy tree line between two large open cultivated fields on east margin of private field road running north-south, copper nail in root of hackberry tree; painted "432 No. 85"-----	430. 74
Burgess, 1.2 miles west of, in wooded pasture, 50 feet east of wire fence, copper nail in root of hackberry tree; painted "434 No. 86"-----	432. 44
Burgess, 2 miles west of, on property of Hugh Cole, 400 feet west of house, 15 feet north of wire fence, sloping hillside, in narrow strip of timber, copper nail in root of oak tree; painted "467 No. 87"---	465. 58



Little River, 2.4 miles south of station, Missouri, Kansas & Texas Ry. bridge over Little River, in southeast pier of bridge 889.8; aluminum tablet stamped "449 No. 24 Prim. Trav. Sta."-----	Feet. 447.206
Little River, 0.4 mile south of station, on Missouri, Kansas & Texas Ry. tracks, at telephone post, 1 post south of milepost No. 888, spike in post about 1 foot above surface of ground; painted "489 No. 89"-----	487.98
Little River, Missouri, Kansas & Texas Ry. station, 6.8 miles south of Temple, in front of station; top of rail-----	502.1
Little River, 855 feet north of station, on Missouri, Kansas & Texas Ry., east side of track, 4 feet west of wire fence, within right of way, 42 feet north of telegraph pole, 108 feet south of wooded pasture; iron post stamped "504 No. 25"-----	503.562

## MARLIN QUADRANGLE.

Milepost 114 north along International & Great Northern R. R. and highway on east side of Brazos River to point 10.4 miles southeast of Waco.

Milepost 115, 40 feet west of track, 10 feet west of pole; iron post stamped "291 63 Prim. Trav. Sta. 105 A"-----	294.772
Milepost 116, 330 feet south of, north bent on west side of railroad trestle 204; top of spike painted "294 107"-----	297.330
Railroad bridge 206, north end, west side; top of abutment, stone painted "295 108"-----	298.878
Milepost 117, 3 feet east of, 25 feet west of track; iron post stamped "Prim. Trav. Sta. 106 A 299.64"-----	302.676
Milepost 118; spike painted "303 110"-----	306.50
Milepost 119, 10 feet west by 4 feet south of, 40 feet west of track; iron post stamped "Prim. Trav. Sta. 107 A 294 65"-----	297.249
Milepost 120; spike painted "305 113"-----	308.28
Bufkin, 1 mile north of, 4 feet north of milepost 121, 40 feet west of track; iron post stamped "Prim. Trav. Sta. 108 A 301 66"-----	304.889
Milepost 122; spike painted "302 116"-----	305.15
Bufkin, 3 miles north of, 13 feet southwest of Falls-Robertson county-line post, 4 feet north of milepost 123; iron post stamped "Prim. Trav. Sta. 109 A 303 67"-----	306.971
Milepost 124; spike painted "304 119"-----	307.71
Milepost 125, 4 feet north of, 30 feet west of track; iron post stamped "Prim. Trav. Sta. 110 A 309 68"-----	312.142
Milepost 126, in base of; spike painted "310 122"-----	313.60
Milepost 127, 3 feet east of, 25 feet north of track; iron post stamped "Prim. Trav. Sta. 111 A 315 69"-----	318.696
Highbank, in front of station; top of rail-----	323.65
Trestle 224, north end, east side, 450 feet north of station, in top of bent; spike painted "319 126"-----	322.379
Highbank, 1 mile north of, 4 feet north of milepost 129, 30 feet north of track; iron post stamped "Prim. Trav. Sta. 112 A 319 70"-----	322.838
Highbank, 3 miles north of, 4 feet north of milepost 131, 30 feet west of track; iron post stamped "Prim. Trav. Sta. 113 A 320 71"-----	323.575
Highbank, 5 miles north of, 4 feet north of milepost 133, 30 feet west of track; iron post stamped "331 72 Prim. Trav. Sta. 114 A"-----	334.947
Highbank, 6 miles north of, in milepost 134; spike painted "327 134"-----	330.31

Highbank, 7 miles north of, 4 feet south of milepost 135; 30 feet west of track; iron post stamped "327 73 Prim. Trav. Sta. No. 115 A"-----	Feet. 330. 711
Highbank, 9 miles north of, 4 feet north of milepost 137, 30 feet north of track; iron post stamped "364 74 Prim. Trav. Sta. 116 A"-----	367. 762
Highbank, 10 miles north of, in milepost 138; spike painted "373 140"-----	376. 69
Marlin, Falls County courthouse, east entrance; aluminum tablet stamped "Prim. Trav. Sta. 117 A 394 75"-----	398. 078
Marlin, 0.5 mile west of, 200 feet east of road bridge, 25 feet south of road, spike in root of elm tree; painted "342 142"-----	345. 877
Marlin, 1 mile west of, spike in root of mesquite tree on south side of road; painted "337 143"-----	340. 41
Marlin, 1.5 miles west of, spike in root of hackberry tree, north side of road; painted "339 144"-----	343. 00
Marlin, 2 miles west of, 200 feet north of Elm Grove Church, 15 feet north of pecan tree, south side of road; iron post stamped "339 76 Prim. Trav. Sta. 118A"-----	342. 510
Marlin, 2.5 miles west of, northwest corner of road to north, spike in root of hackberry tree; painted "339 145"-----	342. 55
Marlin, 4 miles west of, at southeast corner of John Tuyman's farm, at gate, iron post stamped "Prim. Trav. Sta. 119A 341 77"-----	344. 472
Marlin, 3.5 miles north by 2 miles west of, at John Slaughter's house, south side of road, 12 feet north of house, 4 feet north of telegraph pole; iron post stamped "Prim. Trav. Sta. 120A 346 78"-----	350. 230
Marlin, 3 miles west of, on Rockdam road, spike in root of post oak tree; painted "366 154"-----	369. 40
Marlin, 3.5 miles west of, on Rockdam road, opposite African Methodist Episcopal Church, at road to north; iron post stamped "Prim. Trav. Sta. 121A 358 79"-----	361. 329
Marlin, 4 miles west of, spike in root of elm tree on north side of road; painted "365 155"-----	368. 73
Marlin, 4.5 miles west of, on Rockdam road, spike in root of hackberry tree; painted "345 156"-----	348. 76
Rockdam Bridge, 720 feet east of, west edge of gully, spike in root of hackberry tree; painted "347 157"-----	350. 89
Rockdam Bridge over Brazos River, 1,670 feet north of, east side of river, east margin of road; iron post stamped "333 80 Prim. Trav. Sta. 122A"-----	356. 745
Rockdam Bridge, 2.7 miles north of, 50 feet west of deserted house, 4 feet north of telegraph pole; iron post stamped "357 81 Prim. Trav. Sta. 123A"-----	360. 36
Rising Sun Methodist Episcopal Church (negro), in front of, at margin of road; iron post stamped "Prim. Trav. Sta. 124A 388 82"-----	391. 938
Opposite ginhouse, west margin of road, in root of elm tree; spike painted "376 164"-----	380. 13
Waco, 12.8 miles southeast of, on west side of road, 0.2 mile north of road to Riesel, at fence line; iron post stamped "414 83 Prim. Trav. Sta. 125A"-----	417. 754
Waco, 10.4 miles southeast of, on west margin of road, at fence line, under oak tree; iron post stamped "427 84 Prim. Trav. Sta. 126A"-----	430. 916

**Black Bridge north along west side of river to Ellison's place, thence across river to milepost 124.**

Calvert, about 3 miles northwest of milepost 113, International & Great Northern R. R., 30 feet west of track. 2 feet south of milepost; iron post stamped "Prim. Trav. Sta. 104A 295"-----	Feet. 298.179
Calvert, 0.5 mile west of, at Black Bridge, top of north side of west pier; aluminum tablet stamped "Prim. Trav. Sta. No. 31 300"-----	299.481
Black Bridge, 3,000 feet north of, between 300 and 500 feet west of river bank, in timbered pasture, in root of oak tree; copper nail stamped "U.S.B.M. 309"-----	309.24
Black Bridge, 1 mile north of, 75 feet west of bank of river, at edge of open field, and timber; nail in root of small elm-----	296.92
Black Bridge, 2.5 miles north of, in open field, near fence, about 600 feet west of river; iron post stamped "Prim. Trav. Sta. 32 299"-----	298.872
Pond Creek, 500 feet north of, in open field, nail in pecan tree; marked "301.7"-----	301.61
Black Bridge, 5.2 miles north of, west edge of river bottom, foot of small hill, near fence; iron post stamped "Prim. Trav. Sta. No. 33 305"-----	304.453
Black Bridge, 6.9 miles north of, at fence line separating two fields of Molly Bailey, about 500 feet from river, 400 feet south of bayou, in old cornfield; iron post stamped "Prim. Trav. Sta. 34 320"-----	320.317
Black Bridge, 6.9 miles north of, Molly Bailey's place, just south of large bayou about 1,000 feet from river, copper nail in root of 12-inch pecan tree; marked "315"-----	314.83
Forks of bayou, about 300 feet from river, 400 feet southeast of deserted cabin, copper nail in 18-inch chinaberry tree; marked "320"-----	319.78
Richard Ellison's place (in cotton field), 3 miles south of road that leads to river from house, copper nail in two-pronged chinaberry tree, about 1 foot above ground; marked "309.9"-----	309.70
Highbank Bridge, 4 miles south of, on Richard Ellison's place, about 5 miles east of house, 600 feet north of road leading to river from house, on point of high land, at gate in fence; iron post stamped "Prim. Trav. Sta. No. 35 326"-----	326.183
<b>Ellison's place north along west side of river to Highbank Bridge and across bridge to station.</b>	
Highbank Bridge, 2 miles south of, 75 feet east of fence corner, south of lane that leads from high lands to river; iron post stamped "Prim. Trav. Sta. No. 36 324"-----	323.413
Highbank Bridge, 1 mile south of, at north edge of timber, in fence line, copper nail in 12-inch tree; marked "319.4"-----	318.36
Highbank Bridge, 925 feet southwest of, on northwest side of road, 2 feet from wire fence; iron post stamped "Prim Trav. Sta. No. 37 316"-----	315.507
Highbank, 1.4 miles west of, 0.5 mile east of bridge, in small grove of trees, on south side of Highbank-Rosebud road, copper nail in root of elm; marked with keel "316.2"-----	316.06
Highbank, 0.5 mile west of, 150 feet east of barn, in pasture on north side of Highbank-Rosebud road, 20 feet from wire fence, copper nail in root of large pecan tree; marked "320.9"-----	320.71

Point near Highbank Bridge along west side of river north to Marlin Bridge, thence east to point near Marlin.

Highbank, 2.2 miles west of, on north margin of Highbank-Rosebud road, 915 feet west of end of bridge over river; iron post stamped "Prim. Trav. Sta. No. 37 315"-----	Feet. 315.507
Highbank Bridge, 0.6 mile northwest of, 100 feet west of river bluff, between two cultivated fields, in lane, wire nail in root of elm tree-----	318.31
Highbank Bridge, 1 mile northwest of, 200 feet west of river bank, in cleared field, wire nail in root of large ash tree-----	318.47
Highbank Bridge, 1.7 miles northwest of, 100 feet from river, 600 feet east of rising ground, at edge of timber with cleared fields to south and west, wire nail in root of small leaning ash tree-----	318.647
Highbank Bridge, 2 miles north of, in field between river and high land, nail in root of pecan tree-----	325.613
Highbank Bridge, 2.7 miles north of, at south edge of lane, in thicket; iron post stamped "Prim. Trav. Sta. No. 38 328"-----	327.380
Cedar Springs Bridge, 1.1 miles south of, at south end of lumber road, nail in root of 12-inch hackberry tree which stands on edge of 5-foot bank; marked "321.9"-----	321.73
Cedar Springs Bridge, 0.5 mile south of, northeast side of wood road, 1,200 feet southeast of Y road, nail in root of 12-inch elm; marked "319.9"-----	319.72
Cedar Springs Bridge, 1,200 feet west of, on north side of Marlin road at fence line; iron post stamped "Prim. Trav. Sta. No. 39 326"-----	325.299
Cedar Springs Bridge, 1.2 miles northwest of, on south edge of clearing about 300 feet north of Pond Creek, nail in root of 10-inch oak; marked "323.8"-----	323.65
Cedar Springs Bridge, 1.6 miles north of, north edge of clearing near fence line, nail in root of 20-inch elm tree; marked "327.8"-----	327.65
Cedar Springs Bridge, 2.4 miles north of, 500 feet south of Jones's ranch, in thicket, about 600 feet from river; iron post stamped "Prim. Trav. Sta. 40, 329"-----	328.395
Jones's ranch, 0.6 mile north of, just south of small cluster of trees; nail in 20-inch oak at edge of river, marked "330.6"-----	330.42
Ford over Brazos River at Marlin clubhouse, 0.3 mile south of, nail in root of 15-inch elm which stands between two clusters of trees, about 1,200 feet from river; marked "332.2"-----	332.05
Ford at Marlin clubhouse, 0.2 mile northwest of, east side of road, 300 feet southwest of angle, 387 feet southwest of river; iron post stamped "Prim. Trav. Sta. No. 41, 335"-----	335.132
Ford at Marlin clubhouse, 0.6 mile north of, at edge of thicket, on fence line, nail in root of 15-inch oak; marked "337.9"-----	337.73
Ford at Marlin clubhouse, 1.2 miles north of, nail in root of 18-inch pecan tree which stands alone at edge of highland; marked "342.8"-----	342.62
Ford at Marlin clubhouse, 1.6 miles north of, nail in root of 24-inch pecan tree which stands alone in field about 300 feet west of timber; marked "340.4"-----	340.22
Ford at Marlin clubhouse, 2.2 miles north of, nail in root of elm tree at north edge of clearing, 300 feet from deserted cabin; marked "340.9"-----	340.68

Marlin Bridge, 1.6 miles south of, north side of wood road, nail in root of leaning ash tree; marked "339.1"-----	Feet. 338.85
Marlin Bridge, 1.2 miles south of, north edge of timber, in fence corner; iron post stamped "Prim. Trav. Sta. No. 42, 340"-----	340.447
Marlin Bridge, 0.6 mile south of, north bank of creek, nail in root of 30-inch pecan tree; marked "344.4"-----	344.14
Marlin Bridge, 500 feet southwest of, 300 feet southwest of negro cabin; nail in tree marked "344.1"-----	343.87
Marlin, 2.5 miles west of, at northwest corner of three corners, copper nail in root of hackberry tree; marked "342.8"-----	342.55

**Marlin Bridge north along west side of river to Rockdam Bridge.**

Marlin Bridge, 0.4 mile north of, 300 feet north of negro cabin, 125 feet southwest of river, near fence line, between open field and timbered pasture; iron post stamped "Prim. Trav. Sta. No. 43, 358"-----	357.483
Marlin Bridge, 1.1 miles north of, on highland in clearing, 600 feet south of deserted cabin, nail in root of dead pecan tree; marked "381"-----	380.50
Cow Bayou, on south bank of, 900 feet east of wooden bridge over bayou; iron post stamped "Prim. Trav. Sta. No. 44, 347"-----	346.549
Cow Bayou, 0.4 mile north of, copper nail in root of 18-inch elm in field; marked "34.8"-----	346.12
Sawyer plantation, 0.4 mile southwest of house, at south edge of ditch, 400 feet east of road, copper nail in root of 6-inch two-forked elm; marked "346"-----	345.84
Sawyer plantation, 0.7 mile northeast of house, 100 feet south of fence corner, on fence line, copper nail in root of 30-inch oak-----	349.96
Samples (J. M.) farm, southwest of Rockdam Bridge, at south edge of old lane, about 0.3 mile northeast of negro cabin, on highland; iron post stamped "Prim. Trav. Sta. No. 45, 348.6"-----	347.707
Rockdam Bridge, 2 miles west of, 300 feet north of public road, copper nail in root of 18-inch elm; marked "347.136"-----	356.25
Rockdam, 2.7 miles west of, at north edge of lane, 300 feet east of cabin, to south of lane, copper nail in root of 30-inch elm; marked "360"-----	360.01
Rockdam Bridge, 1.8 miles west of, on west side of road, where it angles east; iron post stamped "Prim. Trav. Sta. No. 46, 361"-----	361.045

**TEMPLE QUADRANGLE.**

Point near Rockdam Bridge north along west side of river to point 5 miles south of Waco.

Rockdam Bridge, 3.2 miles west of, 0.5 mile north of lane in field about 800 feet east of timber line, copper nail in root of lone pecan; marked "356"-----	355.73
Gurley's plantation, in field about 500 feet southeast of negro cabin, with red brick chimney, copper nail in root of 30-inch pecan tree--	357.21
Gurley, 3,000 feet northeast of station, on Gurley's plantation, about 0.2 mile southeast of house, at lone cedar tree; iron post stamped "Prim. Trav. Sta. No. 47 358"-----	357.690

Gurley's plantation, 0.5 mile north of, copper nail in root of 15-inch elm; marked "359"-----	Feet. 358. 86
Gurley, on San Antonio & Aransas Pass Ry., 1 mile north of, at junction of levee around Gurley plantation and railway, at south end of bridge "275.6," spike in telegraph pole; marked "367"-----	367. 01
Gurley, 1 mile northeast of station, 70 feet north of milepost 268 on San Antonio & Aransas Pass Ry., 3 feet from right of way fence; iron post stamped "Prim. Trav. Sta. No. 48, 369"-----	368. 289
Milepost 277 in base of, on San Antonio & Aransas Pass Ry.; spike, marked "380"-----	380. 05
Milepost 278, 29 feet north of, 5 feet from east right of way fence; iron post stamped "Prim. Trav. Sta. No. 49 394"-----	394. 332
Milepost 279; spike in post, marked "382"-----	381. 13
Downs, 0.5 mile south of, 150 feet south of road crossing, 3 feet from right of way, at milepost 280; iron post stamped "Prim. Trav. Sta. 50 402"-----	400. 434
Downs, 0.4 mile east of, nail in root of 12-inch tree at edge of bottom; marked "380"-----	378. 52
Downs, 1 mile northeast of, in 15-inch pecan tree in scattered timber, 300 feet south of road, 900 feet southeast of negro cabin, nail; marked "376"-----	375. 24
Downs, 1.5 miles northeast of, on south side of old lane, about 400 feet east of negro cabin; iron post stamped "Prim. Trav. Sta. No. 51 380"-----	378. 299
Downs, 2.2 miles northeast of, at fence line to north of road, copper nail in 15-inch hackberry; marked "379"-----	378. 08
Downs, 2.9 miles northeast of, on north bank of Flat Creek, copper nail in small elm tree; marked "381"-----	380. 48

## Gurley north up west side of river to Downs.

Gurley's plantation, 0.5 mile north of, nail in root of 15-inch elm tree-----	358. 91
Gurley, about 1.2 miles north of, in large open field on west margin of a low depression, nail in root of lone pecan tree; marked "368 P. T. 97"-----	367. 34
Gurley, about 2.2 miles north of, at southeast corner of junction of Y road; iron post stamped "Prim. Trav. Sta. No. 56 367"-----	366. 552
Gurley, about 3 miles north of, on property of Clif Torrence, in root of elm tree; copper nail marked "P. T. 99 elev. 366"-----	365. 19
Gurley, about 3.5 miles north of, in open cultivated field, on property of Dr. Steiner, copper nail in root of lone pecan tree; marked "P. T. 101 elev. 374"-----	373. 43
Gurley, about 4 miles north of, at wire fence near Bull Creek, about 400 feet northeast of tenant house and about 1,000 feet north of public road; iron post stamped "Prim. Trav. Sta. No. 57 379"-----	379. 058
Downs, 1.3 miles southeast of, in open field, about 40 feet south of a ditch with brushy fringe in root side, copper nail in root of large lone pecan tree-----	375. 27
Downs, 0.8 mile southeast of, in open field, copper nail in root of large lone pecan tree; marked "P. T. 103 Elev. 376"-----	375. 27
Downs store, about 0.5 mile east of, at edge of bottom land, copper nail in root of cottonwood tree; marked "P. T. 86 Elev. 380"-----	378. 57

Point 3.6 miles southwest of Cameron northwest along highway up Little River to Little River station.

Temple, at crossing of Missouri, Kansas & Texas Ry. and Gulf, Colorado & Santa Fe Ry., 60 feet west of Missouri, Kansas & Texas Ry. tracks and 40 feet north of Gulf, Colorado & Santa Fe Ry. track, halfway between telephone pole and its guy-wire pole, in limestone post; bottom of square hole (Coast and Geodetic Survey bench mark)-----

Feet.  
673.464

#### WACO QUADRANGLE.

Point 10.4 miles southeast of Waco along east side of Brazos River to Waco.

Waco, 8.3 miles southeast of, 1 mile south of Houston & Texas Central R. R., on road to Riesel, 200 feet north of gate; iron post stamped "Prim. Trav. Sta. 127A 421 85"-----	425.203
Waco, about 7.5 miles south of south bank of Shaw Creek, at fork in road, in root of Spanish oak; spike painted "387 179"-----	391.36
Waco, 6 miles southeast of, at southeast fence corner, 100 feet west of Houston & Texas Central R. R. trestle, 130 feet north of steel wagon bridge; iron post stamped "374 86 Prim. Trav. Sta. 128A"-----	378.322
Waco, 4.7 miles southeast of, at fence line, 75 feet west of section house on Houston & Texas Central R. R., east margin of road; iron post stamped "385 87 Prim. Trav. Sta. 129A"-----	388.620
Waco, 2.5 miles southeast of, 175 feet east of J. McGanghy's house, at gate, west margin of road; iron post stamped "393 88 Prim. Trav. Sta. 130A"-----	396.561
Waco, Missouri, Kansas & Texas Ry. bridge over Brazos River, east end, north side, in top of abutment; aluminum tablet stamped "Prim. Trav. Sta. No. 131A 397 89"-----	396.489
Waco, southeast corner of South First and Jackson streets, top of hydrant (Coast and Geodetic Survey bench mark)-----	403.001
Waco, brick building on the southeast corner of South Third and Jackson streets, occupied by McCleary's feed store, 1.5 feet from southernmost window toward Missouri, Kansas & Texas Ry. (Coast and Geodetic Survey bench mark)-----	413.183
Waco, northwest corner of South Fifth and Jackson Streets, in brick building occupied by bottling works, 10 inches below third window from front of building on side toward Missouri, Kansas & Texas Ry. (Coast and Geodetic Survey bench mark)-----	414.479

Point 5 miles south of Waco along west side of river to Waco.

Waco, 5 miles southeast of, 600 feet southwest of red house, north side of lane, 18 inches from wire fence, in open field; iron post stamped "Prim. Trav. Sta. No. 52 386"-----	384.954
Waco, 4.4 miles southeast of, 0.5 mile northeast of red house, 50 feet west of fence corner at north side of old lane, 600 feet south of lane through bottom, nail in root of 15-inch elm tree; marked "382"-----	381.28
Waco, 4 miles southeast of, 400 feet northeast of edge of bottom land, 600 feet east of large barn, at north edge of field, about 0.2 mile east of main Waco road, near wire fence; iron post stamped "Prim. Trav. Sta. No. 53 387"-----	385.957

Waco, 3.5 miles southeast of, 75 feet north of creek, nail in root of small elm in field.....	Feet. 390.95
Waco, 2.8 miles southeast of, 47 feet northeast of center of San Antonio & Aransas Pass Ry., at north corner of main Waco road crossing, in corner of right-of-way fence; iron post stamped "Prim. Trav. Sta. No. 54 403".....	403.314
Waco, in north end east retaining wall for Missouri, Kansas & Texas Ry. bridge; aluminum tablet.....	396.489

Austin, Bandera, Bastrop, Blanco, Boerne, Burnet, Flatonia, Fredericksburg, Georgetown, Giddings, Halstead, Llano, New Braunfels, Sabinal, San Antonio Special, San Marcos, and Uvalde Quadrangles and region adjacent to San Antonio Special Quadrangle.

ATASCOSA, BANDERA, BASTROP, BEXAR, BLANCO, BURNET, CALDWELL, COMAL, FAYETTE, FRIO, GONZALES, GUADALUPE, HAYS, KENDALL, KERR, LAVACA, LEE, LLANO, MASON, MEDINA, SAN SABA, TRAVIS, UVALDE, WILLIAMSON, WILSON, AND ZAVALLA COUNTIES.

The elevations herein given are based on the corrected elevation of the city hall bench mark at San Antonio, now accepted as 653.212 feet above mean sea level, as determined from Coast and Geodetic Survey precise leveling.

The leveling in the various quadrangles was done by J. A. Hinman, Thomas Winsor, and M. S. Bright, between 1896 and 1901. Additional leveling in the San Marcos quadrangle was done by F. A. Nussle in 1906. The leveling by Hinman was done in the Austin, Bandera, Bastrop, Boerne, Flatonia, Halstead, New Braunfels, Sabinal, San Antonio special, San Marcos, and Uvalde quadrangles in 1896 and 1897; that by Winsor in the Austin, Bastrop, Blanco, Fredericksburg, Georgetown, Giddings, and Llano quadrangles in 1897 and 1898; and that by Bright in the Boerne, Fredericksburg, and San Antonio special quadrangles in 1900 and 1901.

#### AUSTIN QUADRANGLE.

##### Kyle to McNeill along International & Great Northern R. R.

Buda, 1,000 feet north of station, 7 feet south of telegraph pole, 35 feet east of track, 60 feet south of crossing of old San Antonio and Austin road; iron post stamped "711".....	Feet. 705.619
Bear Creek, International & Great Northern R. R. bridge, 1 mile southwest of Manchaca, in east end of north rock pier; copper bolt stamped "U.S.G.S. 651 B. M.".....	645.175
Manchaca, in front of station, center of track.....	696.900
Williamson Creek railroad bridge, 6 miles north of Manchaca and 5 miles south of Austin, top of east end of south rock pier; copper bolt stamped "U.S.G.S. 641 B. M.".....	633.180
Austin, highway bridge over Colorado River, in west end of south rock pier; copper bolt stamped "U. S. G. S. 476 B. M.".....	469.957
Austin, second telegraph pole west of the Houston & Texas Central R. R. freight depot, 5 feet west of; iron post stamped "471".....	465.541
Austin, in southwest corner of postoffice, facing Colorado Street; bronze tablet stamped "508".....	502.111



Austin, 5 miles north of, south side of Bull Creek road, 750 feet north of signboard at Hooper switch, 27 feet east of track; iron post stamped "702 SA"-----	Feet. 694. 029
Duval, 2.75 miles south of, south side of Fiskville public road, 250 feet south of Amboy station, 22 feet west of track; iron post stamped "758 SA"-----	749. 977
Amboy, in front of station; top of rail-----	750. 700
Duval, 100 feet north of switch head block, 42 feet west of track, 6 feet south of telegraph pole, top of flat limestone rock 15 inches in diameter; bronze tablet stamped "797 SA"-----	789. 173
McNeil, 75 feet north of intersection of International & Great Northern R. R. and Houston & Texas Central R. R., 22 feet northeast of the latter's track, top of and near acute point of triangular limestone rock; bronze tablet stamped "836 SA"-----	828. 401

McNeil northwest along Houston & Texas Central R. R., western division.

McNeil, 3.25 miles northwest of, west side of public road, 22 feet south of track, 500 feet east of section house; iron post stamped "857 SA"-----	849. 150
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#### Elysium via Garfield and Creedmore to Manchaca.

Texas Hill triangulation station, 2.3 miles southwest of Elysium post office; rock marked "U. S. G. S."-----	602. 590
Pilot Knob, 1 mile east of, 3.77 miles from Cedar Creek and Austin road, at intersection of Creedmore road with Luling and Austin road, in corner of fence; iron post stamped "534"-----	529. 100
Creedmore, junction of Creedmore-Austin and Creedmore-Manchaca roads, 5.6 miles southwest of the lower Luling and Austin road, in southwest corner of field fence; iron post stamped "637"-----	631. 508
Manchaca, 2 miles southeast of, at intersection of Creedmore-Manchaca and Old San Antonio-Austin roads, north side; iron post stamped "649"-----	643. 493

#### Austin to Cedar Valley via Oak Hill.

Oak Hill, 0.75 mile west of, intersection of Bee Caves and Cedar Valley roads, in corner of fence; iron post stamped "839"-----	831. 207
Cedar Valley, forks of Dripping Springs and Johnson City roads; iron post stamped "1085"-----	1, 077. 610

#### Cedar Valley to Manchaca.

Cedar Valley, 8.64 miles southeast of, at crossing of Cedar Valley-Manchaca and Mountain City-Oakhill roads; iron post stamped "781"-----	775. 434
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#### BANDERA QUADRANGLE.

##### Sabinal to Bandera along public roads.

Sabinal, 14.5 miles northeast of, 45 feet west of road, 300 feet north of fords of Main and Little Seco rivers; iron post stamped "1168"-----	1, 159. 989
Sabinal, 21 miles northeast of, at forks of road to Anton Ney; iron post stamped "1338"-----	1, 329. 885

Sabinal, 28 miles northeast of, 500 feet east of Hondo River, 23 miles north of Hondo, crossing of old Bandera road and north and south road, from Hondo to Bandera, at southwest corner of intersection; iron post stamped "1227"----- 1, 218. 410

**Hondo and Bandera county road.**

Sabinal, 35.25 miles northeast of, junction of Hondo and Utopia Roads to Bandera near Commissioners Creek, 150 feet west of milestone 12 from Bandera, and 400 feet north of E. A. Brewer's house, northeast of road junction; iron post stamped "1490"----- 1, 481. 451

**Bandera and Utopia county road.**

Bandera, 100 feet east of Sixth mile post west of, 500 feet east of gate, 25 feet north of road; iron post stamped "1449"----- 1, 440. 711  
Bandera, county courthouse, in southwest corner of rock wall; bronze tablet stamped "1265"----- 1, 257. 000

**Bandera to center point along public roads.**

Bandera, 5.5 miles north of, forks of Bandera-Kerrville and Bandera-Center Point roads; iron post stamped "1407"----- 1, 398. 647  
Center Point, 6 miles south of, 12 miles north of Bandera, summit of Elm Pass, 25 feet west of mile post 6, at fence corner; iron post stamped "1744"----- 1, 736. 049

**BASTROP QUADRANGLE.**

**Bastrop to Elgin along Missouri, Kansas & Texas Ry.**

Bastrop; 100 feet southeast of freight station, 50 feet south of Bastrop and La Grange County road; iron post stamped "372"----- 366. 552  
Bastrop, in front of station; top of rail----- 366. 3  
Bastrop, courthouse, northwest side of main entrance, in brick wall; bronze tablet stamped "377"----- 371. 587  
Bastrop, 1.66 miles north of, top of coping, northeast end of East Rock pier, Piney Creek; copper bolt stamped "365 SA"----- 357. 396  
Bastrop, 4.5 miles north of, 3 feet outside of southeast corner of right of way fence at crossing of Bastrop and Elgin public road; iron post stamped "460 SA"----- 452. 548  
Sayersville, 1.75 miles south of, 5 feet east of northwest corner of right of way fence at public road crossing, half distance between fourth and fifth telegraph poles south of milepost 945; iron post stamped "449 SA"----- 440. 996  
Sayersville, in front of station; center of main track----- 407. 2  
Sayersville, 2 miles north of, 650 feet north of head block of Cary Lacier coal mine spur, 35 feet west of center of track at road crossing; iron post stamped "468 SA"----- 460. 050  
Elgin, 2.5 miles south of, 15 feet northeast of the southwest corner of right of way fence, 20 feet west of center of track, at Bastrop and Elgin road crossing; iron post stamped "530 SA"----- 522. 089  
Elgin, in front of freight station; top of rail----- 571. 4  
Elgin, at union passenger station, 7 feet east of southeast corner of small park, 115 feet east of crossing of Missouri, Kansas & Texas Ry. and the Houston & Texas Central R. R., 20 feet north of Houston & Texas Central R. R. main track; iron post stamped "576 SA"----- 568. 010

## Elgin to Giddings along Houston &amp; Texas Central R. R.

Elgin, 2.25 miles southeast of, 15 feet east of northwest corner of right of way fence at crossing of the Elgin and McDade public road, and 5 feet northwest of 18 inch post oak tree at intersection of lane; iron post stamped "566 SA"-----	Feet. 557.964
Elgin, 5.75 miles southeast of, 100 feet south of railroad, at intersection of a settlement road with the Elgin and McDade public road, 650 feet east of section house 13; iron post stamped "517 SA"-----	509.094
McDade, in front of station; center of track-----	558.1
McDade, 50 feet north of northeast corner of passenger station; iron post stamped "568 SA"-----	560.007
McDade, 2 miles southeast of, top of rock masonry wall around southwest end of 24-inch drain pipe culvert, 250 feet southeast of the crossing of the McDade and Paige public road; copper bolt stamped "588 SA"-----	580.517
McDade, 6 miles southeast of, halfway between mileposts 71 and 72, northeast face of brick retaining wall built around double 24-inch drain pipe culvert; bronze tablet stamped "495 SA"-----	487.148
Paige, 1.75 miles west of, 150 feet southwest of the McDade and Paige public road crossing and 250 feet northwest of milepost 69, vertical side of brick coping on wing wall south end of 24-inch drain pipe culvert 157; bronze tablet stamped "578 SA"-----	570.221
Paige, 180 feet northeast of passenger station, 7 feet east of northeast corner of small park; iron post stamped "549 SA"-----	541.363
Paige, in front of station; center of main track-----	544.0
Paige, 3 miles southeast of, midway between seventh and eighth telegraph poles northwest of milepost 64, 10 feet from southeast corner of right of way fence at the crossing of the Paige and Giddings public road, 38 feet south of center of track; iron post stamped "528 SA"-----	520.157
Paige, 7 miles southeast of, 0.5 mile southeast of milepost 61, top of rock coping over south end of 18-inch drain pipe culvert; copper bolt stamped "520 SA"-----	512.024

## Winchester to Bastrop via Alum Creek.

Winchester, 50 feet north of station, 45 feet east of middle of main track; iron post stamped "335 SA"-----	327.554
Winchester, in front of station; center of main track-----	329.7
Winchester, 3 miles west of, east side of Pin Oak Creek, fork of road to Hodgins Ford of Colorado River; iron post stamped "300 SA"-----	292.708
Winchester, 5.5 miles west of, forks of Lagrange-Bastrop public road and public road leading to Smithville via Hodgins Ford of Colorado River; iron post stamped "364 SA"-----	356.638
Winchester, 8.75 miles west of, 1 mile east of P. D. Creek, 75 feet east of forks of the Lagrange and Bastrop public road and public road leading to Smithville via Eblin Ford of Colorado River; iron post stamped "349 SA"-----	341.898
Alum Creek, 4.25 miles southeast of, 2 miles north of Smithville, 9 feet east of 24-inch pecan used as fence corner post, 15 feet northwest of intersection of Smithville-Bastrop and Lagrange-Bastrop public roads; iron post stamped "331 SA"-----	323.791

Alum Creek, 2.25 miles southeast of, at mouth of Jones Lane leading to Colorado River, 10 feet south of middle of main road; iron post stamped "343 SA" -----	Feet. 335. 717
Alum Creek, 250 feet west of brick store, 7.33 miles southeast of Bastrop, 60 feet north of road, in corner of fence; iron post stamped "354" -----	348. 633
Bastrop, 2.8 miles southeast of, 50 feet west of bridge over Copperas Creek, 15 feet south of Bastrop-Lagrange road; iron post stamped "404" -----	398. 584

## Bastrop to Giddings along public road.

Bastrop, 4.5 miles east of, 35 feet northeast of forks of road, 100 feet west of small prairie; iron post stamped "528 SA" -----	519. 881
Bastrop, 9 miles east of, on Alum Creek-Paige road, 2,225 feet southwest of Bastrop-Giddings road; iron post stamped "503" -----	497. 635
Bastrop, 12 miles east of, east bank of Gravelly Creek, 20 feet south of main road and 30 feet east of middle of creek; iron post stamped "466 SA" -----	457. 993
Bastrop, 15.5 miles east of, 800 feet northeast of the Pin Oak Creek crossing, 12 feet north of road, 15 feet northwest of field fence corner; iron post stamped "414 SA" -----	406. 002
Giddings, 7.5 miles southwest of, 50 feet northeast of intersection of Serbin road, 50 feet northeast of the Bastrop and Lee county line, at northeast fence corner; iron post stamped "476 SA" -----	467. 901
Giddings, 6.5 miles southwest of, 30 feet south of crossroads, 1,000 feet west of Rabbs Creek; iron post stamped "475 SA" -----	466. 833

## Paige to Bastrop along public road.

Paige, 1.75 miles west of, 1.5 feet east of west fence line and 150 feet north of summit of ridge; iron post stamped "611 SA" -----	602. 665
Paige, 4.5 miles southwest of, 30 feet south of mouth of lane, 2 feet west of east fence line; iron post stamped "535 SA" -----	526. 687
Paige, 7.75 miles southwest of, forks of old San Antonio and Giddings public roads; iron post stamped "455 SA" -----	446. 787
Bastrop, 6.5 miles northeast of, at forks of settlement road, 4.5 miles north of Bastrop-Giddings road; iron post stamped "486" -----	480. 470

## Lexington to Paige along public roads.

Lexington, 0.5 mile east of station, 45 feet south of crossing of Giddings-Lexington public road; iron post stamped "465 SA" -----	456. 654
Lexington, 1.5 miles southwest of, 35 feet southwest of the intersection of road connecting the Lexington-Fedor and Lexington-McDade public roads; iron post stamped "402 SA" -----	393. 645
Lexington, 4.25 miles southwest of, 70 feet south of intersection of Lexington-Fedor road and Giddings upper public road, 1,900 feet south of crossing of Middle Yegua Creek; iron post stamped "368 SA" -----	359. 694
Fedor, 1,000 feet north of store, 50 feet south of forks of Lexington-Fedor and Fedor-Austin public roads; iron post stamped "424 SA" -----	415. 742
Fedor, 2.25 miles west of, at intersection of Fedor-Austin and Giddings-Taylor public roads, 1,550 feet north of West Yegua Creek; iron post stamped "453 SA" -----	444. 566

Paige, 3.5 miles north of, 40 feet northeast of intersection of roads, at gate; iron post stamped "520 SA"-----	Feet. 511. 664
Paige, 3 miles north of, 65 feet northeast of intersection of upper Lexington road and Paige-Darden Springs public road; iron post stamped "531 SA"-----	522. 826

**Bastrop to Caldwell along public roads.**

Bastrop, 3 miles west of, at forks of Weberville road and abandoned road to Garfield, 3 feet from fence; iron post stamped "410"-----	404. 680
Bastrop, 6.56 miles west of, at forks of new county road to Garfield; iron post stamped "422"-----	416. 780
Caldwell, 100 feet northwest of, 50 feet north of Bastrop and Austin public road, via Garfield; iron post stamped "576"-----	570. 560

**Bastrop to Cedar Creek along public road.**

Cedar Creek, 3.25 miles east of, forks of Bastrop and Cedar Creek road with road leading to Winson's gin, 20 feet east of 26-inch post oak tree; iron post stamped "446 SA"-----	437. 996
Cedar Creek, 400 feet south of post office, 19 feet south of southeast fence corner at forks of Bastrop-Cedar Creek road with Austin-Port Lavaca road; iron post stamped "445 SA"-----	437. 240

**Cedar Creek southeast to Red Rock and northeast to Bastrop via public roads.**

Cedar Creek, 5 miles south of, on north side of Austin and Port Lavaca road at point where road makes a sharp bend, 4 feet west of 20-inch post oak tree; iron post stamped "472 SA"-----	464. 118
Red Rock, 4.75 miles north of, at forks of Austin and Port Lavaca road with old road to Red Rock, 0.75 mile northwest of Walnut Creek Catholic Church, 6 feet southeast of 24-inch dead post oak tree utilized as fence corner post; iron post stamped "478 SA"---	470. 467
Bastrop, 8.25 miles southwest of, at forks of Bastrop and Red Rock road with a settlement road, 40 feet east of fence line, 200 feet north of house with log chimney; iron post stamped "477 SA"---	469. 119
Bastrop, 3.25 miles southwest of, at intersection of Bastrop and Red Rock road with settlement roads, 3 feet south of northeast fence, 45 feet southeast of gate; iron post stamped "384 SA"-----	376. 176

**Bastrop via Nashs Ferry and Colorado Chapel to Sayersville.**

Nashs Ferry, 300 feet north of, on east side of road, 150 feet east of right bank of Colorado River, 5 feet north of 16-inch elm tree; iron post stamped "372 SA"-----	363. 805
Sayersville, 6 miles west of, 40 feet southeast of forks of Elgin-Coats road with Bastrop road, 800 feet northeast of Coats Bridge, over Wilbarger Creek; iron post stamped "391 SA"-----	383. 156

**Sayersville to McDade along public roads.**

Sayersville, 3.25 miles northeast of, at forks of McDade and Sayersville road with Elgin road, 250 feet west of small bridge over ravine and on north side of road; iron post stamped "514 SA"-----	506. 119
McDade, 2 miles west of, east side of McDade and Sayersville road, at bend opposite wire fence corner; iron post stamped "504 SA"---	496. 073

**Paige to Lexington via Darden Springs, Blue, and Center Point Chapel.**

Darden Springs, 2 miles south of, just north of Bastrop-Lee County line, at forks of Darden Springs and Paige Road with settlement road leading southwest; iron post stamped "498 SA"-----	Feet. 489.779
Darden Springs, 8 feet east of Dr. Darden's east gatepost, on south side of road, opposite point where road turns north; iron post stamped "444 SA"-----	435.730
Darden Springs, 2 miles north of, at forks with settlement road; iron post stamped "499 SA"-----	490.744
Blue, 2 miles south of, forks of Taylor-Giddings road with private road leading southeast, 25 feet north of mileboard marked "GID. 18 mi."; iron post stamped "511 SA"-----	502.693
Center Point Chapel, 0.5 mile west of, southwest corner of forks of Austin-Lexington road leading south; iron post stamped "487 SA"-----	478.834
Center Point Chapel, 3.3 miles east of, south side of road, 10 feet east of wire fence corner, at forks of settlement road leading south; iron post stamped "397 SA"-----	388.895
Lexington, 2 miles west of, forks of Austin-Lexington road with Taylor-Georgetown road, 50 feet west of post oak tree utilized as milepost "Lexington 2 mi."; iron post stamped "464 SA"-----	455.930

**Lexington to Elgin via Florence and Beaukiss.**

Lexington, 5.75 miles northwest of, forks of Taylor-Georgetown road with Rockdale public road, 40 feet northeast of 4-inch post oak tree utilized as guidepost; iron post stamped "471 SA"-----	462.986
Florence schoolhouse, 0.5 mile east of, forks of Taylor-Georgetown road and Beaukiss "cut-off" road, 500 feet southwest of intersection with Elgin-Lexington road; iron post stamped "469 SA"-----	461.020
Florence schoolhouse, 2.5 miles west of, at forks of Elgin and Lexington road with crossroad to Taylor-Georgetown road, 125 feet east of right angle in road from west to south; iron post stamped "472 SA"-----	464.519
Beaukiss, 2.25 miles east of, at west forks of Elgin and Lexington road with Taylor and Giddings road, 5 feet southwest of milepost "14 mi. to Elgin," alongside fence line; iron post stamped "551 SA"-----	542.586
Beaukiss, 2.5 miles east of southeast corner of Oliver's general store and post office, on north side of Elgin and Lexington road; iron post stamped "502 SA"-----	493.821
Beaukiss, 3.25 miles southwest of, 200 feet southeast of Siloam schoolhouse, 8 feet east of southeast corner of forks of road; iron post stamped "497 SA"-----	488.779
Elgin, 5.75 miles northeast of, 10 feet southwest of northwest fence corner, at forks of Elgin and Lexington road with road to Taylor; iron post stamped "589 SA"-----	580.936
Elgin, 2.75 miles northeast of, 500 feet east of Redtown schoolhouse, 3 feet south of southeast fence corner at forks of Elgin and Lexington road with a public road leading east; iron post stamped "573 SA"-----	565.026

**Elgin to Coupland along Houston & Texas Central R. R.**

Coupland, in front of station, 50 feet east of main track of Missouri, Kansas & Texas Ry., 5 feet east of southwest corner of fence inclosing section-house yard; iron post stamped "526"-----	517.043
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## Coupland to Rices Crossing along public road.

Rices Crossing, southeast corner of Rices Crossing-Byersville road with Taylor-Manor public road, 150 feet southwest of schoolhouse; iron post stamped "556 SA"-----	Feet. 547. 027
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## Rices Crossing south via Manda to Littig, thence via Houston &amp; Texas Central R. R. east to Elgin.

Rices Crossing, 4 miles south of, 4 feet north of northeast fence corner post at forks of Taylor-Manor public road with a public road leading eastward; iron post stamped "528 SA"-----	519. 138
Manda post office, 100 feet southwest of, on west side of road at intersection with road to Elgin, 25 feet south of fence corner, 100 feet southwest of Lutheran Church; iron post stamped "558 SA"-----	548. 975
Littig, in front of station; top of rail-----	456. 4
Littig, 800 feet east of station, 40 feet south of Houston & Texas Central R. R. track, 4 feet north of right of way fence; iron post stamped "470 SA"-----	462. 154

## Smithville to Bastrop along Missouri, Kansas &amp; Texas Ry.

Smithville, 10 feet east of second telegraph pole south of mileboard 969; iron post stamped "329"-----	323. 702
Upton, 45 feet east of head block south end of switch, near right of way fence, iron post stamped "349"-----	343. 528
Hills Prairie, 28 feet east of south head block, near right of way fence; iron post stamped "359"-----	353. 494
Bastrop, 2 miles south of, railway bridge over Colorado River; copper bolt set in masonry at east end of north bridge seat, stamped "358"-----	352. 588

## BLANCO QUADRANGLE.

## Bee Caves along public roads via Round Mountain to Willow City.

Bee Caves, 3.25 miles west of, 13 feet west of fence corner post south side of road at bend in road from northeast to west; iron post stamped "1193 SA"-----	1, 184. 918
Bee Caves, 6.25 miles west of, east side of road, 10 feet north of twin elms, at corner of stone wall; iron post stamped "1120 SA"-----	1, 111. 966
Bee Caves northwest along Austin and Round Mountain public road to Round Mountain.	
Bee Caves, 9 miles northwest of, at forks with a settlement road south; iron post stamped "1321 SA"-----	1, 312. 782
Cypress Mill, 10.25 miles southeast of, in top of 24 by 48 inch limestone outcrop on northeast side of road; bronze tablet stamped "921 SA"-----	913. 261
Cypress Mill, 8 miles southeast of, west bank of Pedernales River, north side of road, 21 feet south of picket fence corner, in top of limestone outcrop; bronze tablet stamped "815 SA"-----	807. 076
Cypress Mill, 5.25 miles southeast of, 3 feet north of cedar post at angle of fence on north side of road, 300 feet west of farmhouse; iron post stamped "928 SA"-----	919. 953
Cypress Mill, 2.5 miles southeast of, at forks with settlement road southwest; iron post stamped "964 SA"-----	956. 008

Cypress Mill, in top of limestone rock 4 feet in diameter, west side of road, 250 feet northeast of post office, 100 feet south of Cypress Creek; bronze tablet stamped "976 SA"-----	Feet. 967.569
Cypress Mill, 3 miles northwest of, 2 feet east of telephone pole on summit of hill, north side of road; iron post stamped "1172 SA"---	1,163.837
Round Mountain, 0.25 mile east of post office, 4 feet west of fence corner, 200 feet northwest of Baptist Church, at forks of road; iron post stamped "1292 SA"-----	1,283.997

**Round Mountain northwest along public roads via Llano to Smith's ranch.**

Round Mountain, 2.25 miles northwest of, 4 feet west of gate to pasture on south side of road; iron post stamped "1413 SA"-----	1,404.991
Round Mountain, 5 miles northwest of, northwest side of road, 18 feet southeast of telephone pole at slight bend of road; iron post stamped "1374 SA"-----	1,365.777
Round Mountain, 8.25 miles northwest of, at Smith's ranch, 5 feet southeast of gate southwest side of road, at intersection with Fredericksburg and Marble Falls road; iron post stamped "1171 SA"---	1,162.911
<b>Smith's ranch southwest along Fredericksburg and Marble Falls public road.</b>	
Smith's ranch, 3 miles west of, 7 feet north of gate on division fence line north side of road; iron post stamped "1149 SA"-----	1,140.967

**BOERNE QUADRANGLE.**

**Ganahl to San Antonio via San Antonio & Aransas Pass Ry.**

Comfort and Kerrville highway crossing, between mileboards 292 and 291, southwest corner of intersection; iron post stamped "1437"---	1,428.432
Comfort, opposite side of track from northwest corner of San Antonio and Aransas Pass Ry. station; iron post stamped "1437"---	1,428.630
Guadalupe River Bridge, 4.5 miles southeast of Comfort, in top of coping at southeast end of east pier; copper bolt stamped "U.S.G.S. 1374 B.M."-----	1,365.445
Waring, in front of station; center of track-----	1,355.2
Waring, 1.5 miles southeast of, crossing of Boerne and Fredericksburg highway and San Antonio & Aransas Pass Ry., 50 feet southwest of intersection; iron post stamped "1377"-----	1,368.193
Welfare, in front of station sign, center of track-----	1,399.2
Spanish Pass, 1.25 miles north of, first arch culvert north of milepost 276, also first south of negro's residence 75 feet west of railway, in cap over keystone of arch at west end of culvert; copper bolt stamped "U.S.G.S. 1535 B.M."-----	1,526.160
Boerne, near passenger station, 10 feet north of first telegraph pole; top of rail-----	1,404.054
Cibolo Creek Bridge, west end of north pier, in coping; copper bolt stamped "U.S.G.S. 1358 B.M."-----	1,349.351
Van Raub, opposite store; center of track-----	1,371.2
Van Raub, just north of station (store), 120 feet south of fourth telegraph pole south of milepost 263, 8 feet east of track, in solid rock; copper bolt stamped "U.S.G.S. 1375 B.M."-----	1,366.713
Aue Station, 75 feet west of track, in northeast corner of Max Aue's residence; bronze table stamped "1141"-----	1,132.373
Leon Creek, 15 feet south of sill of trestle 572, on south bank, 11 feet east of east rail, in solid rock; copper bolt stamped "U.S.G.S. 1036 B.M."-----	1,027.656



**Gill's Lane southwest over Fredericksburg and Sisterdale road to Sisterdale.**

Comfort, 7.5 miles north of, 200 feet east of Block Creek, east side of road, by stone-fence corner; iron post stamped "1453 SA"-----	Feet. 1, 444. 960
Waring, 4 miles northwest of, forks of Fredericksburg-San Antonio and Fredericksburg-Sisterdale roads, 4 feet west of Sisterdale and 40 feet east of San Antonio roads, 1 foot east of north gatepost; iron post stamped "1563 SA"-----	1, 555. 243
Sisterdale, 0.2 mile west of, south side of road by wire fence, 1 foot north of big gate; iron post stamped "1447 SA"-----	1, 439. 363

**John Kneupp's ranch, west over Comfort and Blanco roads to Sisterdale.**

John Kneupp's ranch, 1.75 miles west of, south side of road by wire fence, in mound of stone; iron post stamped "1451 SA"-----	1, 443. 035
Davis's ranch, 10 feet west of gate, entrance to pasture, north side of road; iron post stamped "1411 SA"-----	1, 403. 106
Sisterdale, 4.25 miles east of, 2 feet west of big gate; iron post stamped "1389 SA"-----	1, 381. 0
Sisterdale, 0.5 mile southeast of, foot of hill north side of road, by rail fence, 400 feet east of stream; iron post stamped "1279 SA"-----	1, 271. 015

**Point 3.5 miles north of Comfort along highway to Comfort.**

Comfort, 3.5 miles north of, 10 feet north of farm gate, 600 feet west of a stone farmhouse, on west side of road; iron post stamped "1530 SA"-----	1, 523. 056
Comfort, 1.5 miles north of, north of guide post "To Cypress Creek," at northwest corner of junction with road running northwest; iron post stamped "1521 SA"-----	1, 514. 110
Comfort, opposite San Antonio & Aransas Pass Ry. station; iron post stamped "1436 SA"-----	1, 428. 630

**BURNET QUADRANGLE.****Bertram to Graphite along Houston & Texas Central R. R., western division.**

Bertram, 1.75 miles southeast of, on southeast side of settlement road, 43 feet southwest of track; iron post stamped "1198 SA"-----	1, 190. 134
Bertram, 120 feet southeast of station, 24 feet southwest of track on northwest side of Bertram and Brooks Mill public road; iron post stamped "1266 SA"-----	1, 258. 472
Bertram, in front of station; top of rail-----	1, 259. 6
Burnet, 3.25 miles east of, 500 feet west of head block of switch, at summit, 57 feet southwest of milepost 57, 19 feet south of main track, top of limestone outcrop; iron post stamped "1494 SA"-----	1, 486. 341
Burnet, 2 miles east of, 47 feet west of track, 17 feet south of gate at private road crossing; iron post stamped "1387 SA"-----	1, 379. 08
Burnet, 0.25 mile south of station, on southeast side of Pecan Street, 30 feet southwest of track; iron post stamped "1282 SA"-----	1, 274. 185
Burnet, in front of station; top of rail-----	1, 285. 0
Burnet, east front of county courthouse, in north end of first window sill south of entrance; bronze tablet stamped "1300 SA"-----	1, 291. 785
Burnet, 2 miles southwest of, on northwest side of Burnet and Marble Falls public road, 36 feet northeast of track; iron post stamped "1250 SA"-----	1, 242. 040

Fairland, 3 miles northeast of, on south side of a private road crossing 0.25 mile north of Sudduth section house, 27 feet west of track; iron post stamped "1142 SA"-----	Feet. 1, 134. 072
Sudduth, in front of section house; top of rail-----	1, 135. 4
Fairland, east side of station; top of rail-----	964. 5
Fairland, 70 feet southwest of Marble Falls branch track, on south-east side of Burnet and Fredericksburg public road; iron post stamped "953 SA"-----	945. 269
Fairland, 3 miles southwest of, on east side of Burnet and Fredericksburg road crossing, near right of way fence corner, 44 feet south of track; iron post stamped "992 SA"-----	984. 040
Kingsland, 3 miles southeast of, on north side of public road, 52 feet south of track and 110 feet west of trestle 76C; iron post stamped "881 SA"-----	873. 329
Kingsland, in front of station; top of rail-----	848. 3
Kingsland, near southwest corner of small park opposite station, 21 feet north of main track; iron post stamped "856 SA"-----	848. 298
Kingsland, 3 miles northwest of, at forks of old Fort Mason, Kingsland, and Llano roads, 70 feet west of track, 23 feet north of twin elm tree utilized as milepost "Kingsland 3.5 miles;" iron post stamped "954 SA"-----	945. 452
Kingsland, 5.5 miles northwest of, on west side of settlement road, 0.25 mile southeast of bridge 85 B over Sandy Creek, 27 feet southwest of track; iron post stamped "914 SA"-----	905. 536

Smith's ranch to Marble Falls along Fredericksburg and Marble Falls road.

Smith's ranch, 3 miles northeast of, 200 feet southwest of Bridge's farmhouse, 6 feet south of gate on south side of road; iron post stamped "979 SA"-----	970. 865
Smith's ranch, 6 miles northeast of, 25 feet southwest of road, 35 feet northwest of Slick Rock Creek; iron post stamped "834 SA"-----	825. 921
Marble Falls, 4.25 miles southwest of, on north side of road by wire fence, 5 feet south of 15-inch post oak tree utilized as a gate post; iron post stamped "827 SA"-----	818. 883
Marble Falls, 0.5 mile southwest of, in top of limestone outcrop 7 feet southeast of road, 250 feet southwest of bridge over Colorado River, 50 feet northeast of forks of road; aluminum tablet stamped "790 SA"-----	781. 962
Marble Falls, at southeast corner of park, 60 feet northeast of northeast corner of Houston & Texas Central Railroad station; iron post stamped "764 SA"-----	755. 929

Marble Falls to Fairland along Houston & Texas Central R. R., western division.

Marble Falls, in front of station; top of rail-----	755. 6
Granite Mountain, in front of station; top of rail-----	857. 8
Fairland, 2 miles south of, 600 feet north of milepost 73, 50 feet east of track, at right of way fence corner on north side of settlement road; iron post stamped "897 SA"-----	889. 007

Milepost 15, on Houston & Texas Central R. R., 3 miles northwest of Kingsland, east along public road via Mason Crossing to Burnet.

Mason Crossing, west bank of Colorado River, 59 feet southwest of road at bend; iron post stamped "834 SA"-----	Feet. 825.847
Mason Crossing, 2.75 miles northeast of, at junction of old Fort Mason, Marble Falls, and Bluffton roads, 200 feet south of Moore's store; iron post stamped "883 SA"-----	874.888
Mason Crossing, 5.5 miles northeast of, southeast side of road by a live oak tree, 50 feet northeast of milestone "8 M;" iron post stamped "1261 SA"-----	1,252.950
Burnet, 5 miles west of, on south side of road by wire fence, 6 feet west of milestone "B 5;" iron post stamped "1390 SA"-----	1,381.573
Burnet, 2.25 miles west of, at junction of old Fort Mason-Burnet road and Bluffton road; iron post stamped "1403 SA"-----	1,394.437

**Burnet along public roads via Pomona post office to Naruna.**

Burnet, 3 miles north of, 300 feet north of junction of Burnet-Lampasas and Burnet, Brooks Mill, and Lampasas roads, by wire fence on northeast side of road; iron post stamped "1449 SA"-----	1,440.946
Burnet, 6.33 miles north of, on west side of road, 9 feet south of gate at Boyd's ranch; iron post stamped "1480 SA"-----	1,472.294
Burnet, 9 miles north of, on west side of road at intersection with settlement road running northwest and southeast; iron post stamped "1510 SA"-----	1,501.654
Naruna, 6.5 miles southeast of, west side of road on summit of hill at junction of Burnet-Lampasas and Austin-San Saba roads, 700 feet northeast of Pomona post office; iron post stamped "1466 SA"-----	1,457.905
Naruna, 4.5 miles southeast of, at junction with settlement road running north, 750 feet southeast of old railroad grade, 50 feet northwest of southwest fence corner; iron post stamped "1468 SA"-----	1,460.138
Naruna, 2.5 miles southeast of, 700 feet southeast of Littlepage's residence, 20 feet north of south fence line opposite angle in road, in top of limestone outcrop; bronze tablet stamped "1500 SA"-----	1,491.881
Naruna, 170 feet southeast of Baptist Church, at intersection of Austin-San Saba and Llano-Lampasas roads, iron post stamped "1476 SA"-----	1,467.965

**Naruna along public and settlement roads to Bluffton.**

Naruna, 3 miles southwest of, on north side of 18-inch post oak tree in middle of lane, west side of road at bend, in top of limestone outcrop; aluminum tablet stamped "1455 SA"-----	1,447.307
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**Southward along settlement road.**

Naruna, 6 miles southwest of, 80 feet west of small drain, 25 feet northwest of blazed 12-inch post oak tree, 15 feet south of road, in top of limestone outcrop; bronze tablet stamped "1457 SA"-----	1,449.240
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**Southwest along Bluffton and Lampasas road.**

Bluffton, 4.66 miles northeast of, at high point in open pasture, 15 feet southeast of road, in top of limestone outcrop; aluminum tablet stamped "1399 SA"-----	1,390.845
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Bluffton, 1.66 miles northeast of, 100 feet northeast of gate, 30 feet north of 6-inch blazed live oak tree, on rocky hillside 35 feet west of road, in red sandstone outcrop; aluminum tablet stamped "1006 SA"-----	Feet. 998.004
Bluffton, 7 feet east of northeast fence corner, at junction of Burnet-Llano and Bluffton-Lampasas roads; iron post stamped "1012 SA"-----	1,004.089

**Bluffton southeast along Burnet and Llano road to Burnet.**

Bluffton, 1.25 miles southeast of, northeast side of road at junction with road running to McDonald's mill, 200 feet southeast of south-east bank of Colorado River; iron post stamped "948 SA"-----	940.134
Bluffton, 4.25 miles southeast of, 10 feet east of 18-inch post oak tree utilized as fence post at angle on north side of road; iron post stamped "1227 SA"-----	1,219.086
Burnet, 6 miles northwest of, at junction with settlement road running west, on southwest side of road, in top of pink granite outcrop; aluminum tablet stamped "1285 SA"-----	1,277.111

**Burnet northeast along Burnet, Brooks Mill, and Lampasas road to Sage.**

Burnet, 5.75 miles northeast of, west side of road at junction with settlement road running northwest, 200 feet south of summit of hill; iron post stamped "1454 SA"-----	1,446.129
Sage, 1.75 miles southwest of, 7 feet south of fence corner at right angle bend of road, 250 feet east of Bethel schoolhouse; iron post stamped "1346 SA"-----	1,338.097
Sage, 250 feet south of post office, 75 feet south of north fork of San Gabriel River, opposite Murphy & Jenkin's gin, in top of limestone boulder; aluminum tablet stamped "1261 SA"-----	1,252.910

**Sage along public roads via Sunny Lane to Bachelor Peak.**

Sunny Lane, 250 feet southwest of post office, in top of embedded limestone boulder, by wire fence corner, on north side of road, 150 feet northeast of Methodist Church, at junction of Burnet, Brooks Mill, and Lampasas road and Austin road; aluminum tablet stamped "1168 SA"-----	1,160.517
Sunny Lane, 2.5 miles north of, south side of gate on west side of road, at junction with settlement road running to Bachelor Peak; iron post stamped "1335 SA"-----	1,327.013

**Northeast along settlement road via Eldridge & Field's ranch to Georgetown and Lampasas road.**

Bachelor Peak, 0.5 mile southeast of, 200 feet southeast of junction with settlement road running southwest to Eldridge & Field's ranch, in top of limestone rock on southwest fence line of Georgetown and Lampasas road; aluminum tablet stamped "1260 SA"-----	1,251.891
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**Bachelor Peak along public roads to Joppa.**

Bachelor Peak, 3.5 miles southeast of, 220 feet northwest of bridge over small drain, on northeast side of road, in top of limestone boulder, by stone wall; aluminum tablet stamped "1125 SA"-----	1,117.138
Bachelor Peak, 6 miles southeast of, 0.5 mile southwest of North Rocky Creek, in top of embedded limestone rock, * feet north of gate on west side of road, at junction with settlement road running southwest; aluminum tablet stamped "1018 SA"-----	1,009.502

Southwest along settlement road through Cook's pasture, thence southwest along Burnet and Belton road.

Neely's ranch, 1.5 miles northeast of, on southeast bank of South Rocky Creek, in top of limestone ledge on northeast side of road; aluminum tablet stamped "972 SA"-----	Feet. 963. 210
Neely's ranch, 2 miles southwest of, 10 feet east of gate at junction with settlement road running south to Joppa, in top of embedded limestone rock; aluminum tablet stamped "1251 SA"-----	1, 243. 151
Joppa, 110 feet northeast of schoolhouse, in top of limestone rock at junction of Burnet and Florence road with settlement road; aluminum tablet stamped "1106 SA"-----	1, 098. 315

**Joppa southwest along Burnet and Florence road to Burnet.**

Joppa, 2.5 miles southwest of, northwest side of road by wire fence at junction with Burnet and Belton road; iron post stamped "1230 SA"-----	1, 221. 816
Joppa, 5.5 miles southwest of, north side of road opposite fence dividing two cultivated fields at summit of hill; iron post stamped "1299 SA"-----	1, 290. 930
Burnet, 4.75 miles northeast of, north side of road, 4 feet west of 12-inch elm tree utilized as fence corner post, on northwest bank of Russell Fork, San Gabriel River; iron post stamped "1273 SA"-----	1, 264. 781.
Burnet, 2.5 miles northeast of, 300 feet northwest of farmhouse, at fence corner on southeast side of road; iron post stamped "1441 SA"-----	1,433. 717

**Bluffton along public roads to Tow.**

Bluffton, 2 miles west of, at junction of Burnet and Llano and Bluffton and San Saba roads; iron post stamped "1027 SA"-----	1, 019. 113
Tow, 2 miles southeast of, on northeast side of road at intersection of settlement road; iron post stamped "1034 SA"-----	1, 026. 126
Tow, northeast corner of post office, at junction with settlement road running west, 400 feet northwest of schoolhouse; iron post stamped "1025 SA"-----	1, 017. 000

**Tow along Bluffton and San Saba road to Boyt's ranch.**

Tow, 3.5 miles northwest of, south bank of Falls Creek, in bench of limestone bluff 3 feet above ground on west side of road; aluminum tablet stamped "1166 SA"-----	1, 158. 434
Ramsey's ranch, in top of limestone boulder 5 feet northeast of gate, 70 feet east of Ramsey's residence; bronze tablet stamped "1368 SA"-----	1, 360. 199

**Along Burnet and Llano road from point 2 miles west of Bluffton.**

Bluffton, 5 miles west of, by rail fence at northwest corner of cultivated field, south side of road; iron post stamped "1084 SA"-----	1, 075. 971
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**Burnet along road to Morman Mill.**

Burnet, 3.5 miles south of, 300 feet northwest of white farmhouse with green blinds, on east side of road; iron post stamped "1230 SA"-----	1, 222. 227
Burnet, 6 miles south of, on southeast bank of Hairston Creek, 20 feet southwest of road; iron post stamped "1044 SA"-----	1, 036. 245

Morman Mill, on east side of road at junction with road running southwest to Morman Mill, about 200 yards distant; iron post stamped "839 SA"-----	Feet. 831. 356
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**Morman Mill along public roads to Marble Falls.**

Hale Spring Church, 100 feet southeast of, by picket fence corner on southwest side of road near northeast corner of arbor; iron post stamped "750 SA"-----	742. 415
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**Westward along Marble Falls and Smithwick road.**

Marble Falls, 3.5 miles east of, by corner of rail fence around cultivated field, 120 feet southeast of Pleasant Valley schoolhouse, on northwest side of road; iron post stamped "795 SA"-----	787. 237
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**East along Marble and Smithwick road to Smithwick.**

Marble Falls, 5 miles east of, by rail fence on southwest side of road, at junction of Marble Falls-Smithwick and Burnet-Morman Mill roads, about 0.25 mile northeast of Pangle crossing of Colorado River; iron post stamped "732 SA"-----	724. 247
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Smithwick, 2 miles northwest of, at intersection of Marble Falls-Smithwick, Marble Falls-Georgetown, and Burnet-Smithwick roads; iron post stamped "900 SA"-----	892. 163
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Smithwick, at northeast corner of post office and store on west side of road; iron post stamped "727 SA"-----	719. 222
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**Smithwick along public roads via Hall's ranch to Spanish Creek.**

Smithwick, 3.75 miles northeast of, 60 feet southeast of intersection of Smithwick, Bagdad, Burnet, and Corwin roads; iron post stamped "842 SA"-----	834. 268
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**Southeast along Burnet and Corwin road.**

Hall's ranch, 1.5 miles northwest of, in top of ledge northeast side of road on east side of creek, at point where road makes horseshoe bend; aluminum tablet stamped "797 SA"-----	789. 496
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**Spanish Creek along public road and settlement road to Cow Creek.**

Travis Peak, 3.75 miles northwest of, 10 feet south of road on top of hill; iron post stamped "1098 SA"-----	1, 090. 365
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Travis Peak, 1 mile northwest of, at junction of Burnet and Austin road with settlement road running northeast to Cow Creek, 50 feet southeast of forks; iron post stamped "858 SA"-----	850. 489
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**North along settlement road up Cow Creek.**

Travis Peak, 4 miles north of, in top of limestone boulder on southwest side of road, on west bank of Crow Creek; bronze tablet stamped "855 SA"-----	847. 500
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Travis Peak, 7 miles north of, 100 feet southeast of point where road crosses Cow Creek, 20 feet south of road; iron post stamped "947 SA"-----	939. 240
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Cow Creek northeast along Smithwick and Bagdad road to Wilk's ranch.

Wilk's ranch, 2 miles southwest of, northwest side of road at junction with settlement road running southwest, 350 feet northeast of mile-stone 16; iron post stamped "1142 SA"-----	Feet. 1, 134. 169
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Wilk's ranch along South Gabriel and McNew road to Bertram.

Bertram, 7.5 miles south of, in forks of roads at junction with settle-ment road running southeast; iron post stamped "1358 SA"-----	1, 350. 095
Bertram, 3.5 miles south of, on west side of road and south bank of Oatmeal Creek; iron post stamped "1137 SA"-----	1, 129. 230

#### FLATONIA QUADRANGLE.

Red Rock via Smithville to West Point along Missouri, Kansas & Texas Ry.

Red Rock, 1,200 feet south of Missouri, Kansas & Texas Ry. passen-ger station, 125 feet south of track, at intersection of the Waelder and Red Rock and Rosanky public roads; iron post stamped "491 SA"-----	482. 749
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Red Rock, 6 miles east of, 4 miles west of Rosanky, 1,100 feet east of section house, 45 feet southwest of settlement road crossing and about half way between mileboards 983 and 984; iron post stamped "451 SA"-----	442. 729
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Rosanky, 120 yards west of railroad station, 50 feet south of crossing of Rosanky and Jeddo public roads; iron post stamped "512 SA"-----	504. 338
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Smithville, 4.5 miles southwest of, second telegraph pole east of milepost 974, corner of fence, 65 feet northeast of road crossing; iron post stamped "460 SA"-----	452. 527
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Smithville, 2.5 miles southwest of, mileboard 972, 0.25 mile east of, 25 feet northwest of road crossing; iron post stamped "433 SA"-----	425. 386
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Primm, back of second telegraph pole east of milepost 974, near right of way fence; iron post stamped "316"-----	310. 618
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West Point, in corner of right of way fence, 90 feet west and 40 feet north of junction at crossing of San Antonio & Aransas Pass Ry. and Missouri, Kansas & Texas Ry-----	286. 626
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West Point south along Waco branch of San Antonio & Aransas Pass Ry. to Henkhaus.

Muldoon, 3.5 miles northeast of, in solid rock, 30 feet north of trestle 128, 35 feet west of west rail; bronze tablet stamped "316"-----	310. 376
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Lean spur, opposite signboard; top of tie-----	314. 0
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Muldoon, in southwest corner of A. B. Kerr & Son's store; bronze tablet stamped "351"-----	345. 370
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Muldoon, 4.5 miles southwest of, 10 feet north of mileboard 153; iron post stamped "362"-----	356. 588
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McCammon, opposite signboard; center of track-----	390. 0
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Flatonia, crossing of Galveston, Harrisburg & San Antonio Ry. and San Antonio & Aransas Pass Ry., tracks on south side of Galves-ton, Harrisburg & San Antonio tracks; iron post stamped "473"-----	457. 500
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Flatonia, 4.5 miles south of, second telegraph pole south of mile board 143; crossing of Gonzales and Flatonia public road via Old Moulton, in northwest corner of right of way fence, 700 feet east of Lavaca River; iron post stamped "448 SA"-----	439. 990
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Moulton, 600 feet north of passenger station; crossing of the Flatonia and Moulton public road, in northwest corner of right of way fence; iron post stamped "391 SA"-----	Feet. 383. 058
Henkhaus, 800 feet north of store, east side of New Moulton and Shiner road, 12 feet south of corner of fence, at mouth of lane that goes to Witting, 100 feet east of San Antonio & Aransas Pass Ry., about 0.5 mile south of mile board 135; iron post stamped "403 SA"-----	395. 072

**Engle west along Galveston, Harrisburg & San Antonio Ry. to Harwood.**

Engle, 200 feet northwest of station, 20 feet northwest of road crossing and 15 feet north of center of main track of Galveston, Harrisburg & San Antonio Ry; iron post stamped "374 SA"-----	366. 124
Flatonia, 2.75 miles west of, 0.5 mile west of mile board 123, southeast corner of right of way fence at crossing of Flatonia and Gonzales public road, at cattle guard 296, Galveston, Harrisburg & San Antonio Ry.; iron post stamped "392 SA"-----	384. 088
Pierson, east end of siding, south of head block, 1.5 feet from wire fence (fence may have been moved back); iron post stamped "337"-----	321. 829
Waelder, at west end of small park east of station, 30 feet north of track; iron post stamped "386"-----	370. 493
Dry Branch, 4.25 miles west of Waelder, iron girder span 251; in rock pedestal of west concrete pier; bronze tablet stamped "374"-----	358. 259
Sandy Fork, in northwest corner of rock under post, north end of west brick pier; copper bolt stamped "U.S.G.S. 370 B.M."-----	354. 976

**Gonzales to Harwood along Gonzales branch, Galveston, Harrisburg & San Antonio Ry.**

Gonzales, 3.25 miles north of, 1.5 miles south of section house 206, 25 feet east of track, 6 feet west of southwest corner of iron fence inclosing cemetery, halfway between mile boards 8 and 9; iron post stamped "393 SA"-----	384. 813
Kokernot, 12 feet south of north switch stand, 15 feet east of main track, midway between eighth and ninth telegraph poles north of milepost 6; iron post stamped "406 SA"-----	397. 760
Harwood, 2 miles south of, near mile board 2, 50 feet east of head block at wood spur, corner of fence at road crossing, 150 feet northeast of settlement; iron post stamped "441 SA"-----	432. 776

**Red Rock via Delhi to Harwood along public roads.**

Red Rock, 4.5 miles south of, forks of Waelder and Austin public road and a settlement road leading to Hoy Spring, just southeast of house; iron post stamped "565 SA"-----	556. 890
Delhi, 40 feet northeast of the crossing of Lagrange-Lockhart and Waelder-Austin public roads; iron post stamped "535 SA"-----	527. 013
Delhi, 4.75 miles southwest of, forks of Delhi-Harwood and Delhi-Thompsonville settlement roads; iron post stamped "500 SA"-----	491. 995
Delhi, 8.5 miles southwest of, 100 feet west of forks of public road to Lockhart and a settlement road to Luling; iron post stamped "515 SA"-----	507. 105
Harwood, 4.12 miles north of, 25 feet northwest of the crossing of the Waelder and Lockhart public road via Thompsonville; iron post stamped "460 SA"-----	452. 082



**Sandy Fork, on Galveston, Harrisburg & San Antonio Ry., north along public roads to Rosanky.**

Sandy Fork, 3.5 miles northeast of, crossing of Gonzales-Lockhart-Harwood and Waelder public roads; iron post stamped "432 SA"-----	Feet. 424. 008
Sandy Fork, 7.5 miles northeast of, forks of road 300 feet south of Henry Gunn's residence; iron post stamped "455 SA"-----	447. 070
Jeddo, 2 miles south of, intersection of Waelder and Bastrop and settlement roads, 7 miles northwest of Waelder; iron post stamped "484 SA"-----	476. 045
Jeddo, 400 feet southeast of, intersection of settlement road and Lagrange and Lockhart road; iron post stamped "455 SA"-----	447. 034
Jeddo, 1.5 miles west of, 25 feet north of the crossing of the Waelder-Bastrop and Lagrange-Lockhart public roads, 1.25 miles west of Jeddo, 4.5 miles east of Delhi; iron post stamped "536 SA"-----	528. 157
Rosanky, 5.75 miles south of, 45 feet southwest of forks of road, 1 mile north of Peach Creek; iron post stamped "516 SA"-----	508. 266
Rosanky, 1.5 miles southwest of, 20 feet northeast of intersection of Waelder-Bastrop and Austin-Port Lavaca public roads; iron post stamped "468 SA"-----	460. 215

**Jeddo northeast along public roads to Bohemian Catholic Church and Missouri, Kansas & Texas Ry.**

Jeddo, 2.5 miles northeast of, 175 feet south of I. B. Holland's residence, 6 feet west of road; iron post stamped "460 SA"-----	452. 254
Jeddo, 8.5 miles northeast of, intersection of settlement road and Austin and Port Lavaca public road, opposite mile board 4 miles northwest of Cistern; iron post stamped "474 CSA"-----	466. 180
Bohemian Catholic Church, one-sixth mile west of, 40 feet south of intersection of lanes and 5 feet south of leaning post-oak tree; iron post stamped "472 SA"-----	463. 861

**Jeddo to Cistern along public roads.**

Jeddo, 3 miles east of, intersection of Lagrange and Lockhart with settlement road leading southwest, 35 feet south of wire fence; iron post stamped "454 SA"-----	446. 206
Cistern, fence corner opposite post office; iron post stamped "481 SA"-----	473. 007

**Cistern to Smithville via public roads.**

Cistern, 4.25 miles north of, summit of divide between Live Oak and Buckner Creeks, west side of lane, 2 feet east of wire fence; iron post stamped "481 SA"-----	473. 086
Cistern, 9.25 miles north of, forks of Cistern and Smithville public road and settlement road; iron post stamped "416 SA"-----	408. 185
Smithville, 3 miles south of, 400 feet southeast of intersection of Flatonia-Smithville and Cistern-Smithville public roads, 10 feet west of Flatonia road and 60 feet east of Cistern road; iron post stamped "393 SA"-----	385. 125

**Cistern to Primm, on Missouri, Kansas & Texas Ry.**

Cistern, 4 miles northeast of, intersection of roads, 10 feet north of gate entrance to east side of Cockerell's pasture and 30 feet south of mouth of lane; iron post stamped "422 SA"-----	413. 820
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Stellar, 2.5 miles south of, 200 feet north of Buckner Creek, intersection of Smithville-Flatonia and Lagrange-Lockhart public roads; iron post stamped "349 SA"-----	Feet. 341.087
Stellar, 3.5 miles northeast of, corner of fence at intersection of roads 25 feet southeast of Lagrange-Lockhart and Smithville-Muldoon public roads, 16 miles southwest of Lagrange; iron post stamped "404 SA"-----	395.935
Primm, 1.5 miles southeast of, forks of Smithville-West Point road with public road to Muldoon and Flatonia, 0.75 mile south of mile-post 975; iron post stamped "322 SA"-----	313.906

## Flatonia to Smithville along public roads.

Flatonia, 5 miles north of, intersection of Smithville, Muldoon, and Flatonia public roads, 5.5 miles southwest of Muldoon, 1,000 feet north of Pin Oak Creek; iron post stamped "377 SA"-----	369.288
Dogwood Creek, 1,200 feet north of, 125 feet north of branch 15 feet east of road; iron post stamped "357 SA"-----	349.188
Stellar, 3.25 miles north of, angle of wire fence 35 feet east of road, 12 feet west of post-oak tree used as fence post; iron post stamped "428 SA"-----	420.018

## Waelder to Cistern via public roads.

Waelder, 3.75 miles northwest of, forks of Bastrop and Lockhart public roads, 700 feet north of 2-story house, 10 feet north of gate; iron post stamped "475 SA"-----	466.576
Waelder, 4.5 miles northeast of, 20 feet south of double live oak trees, intersection of Waelder and Jeddo public roads, southeast corner of wire fence; iron post stamped "444 SA"-----	436.408
Cistern, 5 miles southwest of, 150 feet south of Elm Grove Church, 50 feet east of schoolhouse, 25 feet northeast of the intersection of a third-class road; iron post stamped "372 SA"-----	364.235

## Flatonia to Elm Grove Church via public roads.

Flatonia, 3.25 miles northwest of, 80 feet west of wooden bridge over Five Mile Creek, 15 feet south of road; iron post stamped "351 SA"-----	342.961
Elm Grove Church, 3.5 miles southeast of, forks of road, 150 feet south of mouth of lane; iron post stamped "360 SA"-----	352.002

## Flatonia to Cistern via Colony.

Flatonia, 4.5 miles northwest of, west side of forks of road, 3 feet west of wire fence and 40 feet north of intersection of roads, 200 feet west of Martin McAnally's residence; iron post stamped "425 SA"-----	416.932
Colony post office, 0.5 mile south of, intersection of Flatonia-Cistern road and a public road connecting with Flatonia-Waelder public road, about 400 feet north of John Malony's frame house; iron post stamped "435 SA"-----	427.084

## Moulton to Gonzales via public roads.

Moulton, 3.5 miles southwest of, intersection of Flatonia and Gonzales road via Old Moulton, about 0.25 mile north of White's cotton gin; iron post stamped "475 SA"-----	467.022
Nickel, 600 feet south of post office, at forks of Moulton-Gonzales and Nickel-Dilworth public roads; iron post stamped "446 SA"---	437.909

Nickel, 3.5 miles southwest of, 20 feet south of road, 3 feet north of wire fence at brow of hill east of Peach Creek, 400 feet southwest of Jeff Hull's residence; iron post stamped "359 SA"-----	Feet. 350. 938
Nickel, 5.5 miles southwest of, 100 feet northwest of Peach Creek, in forks of road; iron post stamped "269 SA"-----	260. 892
Gonzales, 7 miles northeast of, 0.75 mile west of Denton Creek; iron post stamped "313 SA"-----	304. 941
Gonzales, 2.75 miles northeast of, 50 feet northwest of crossing of Lockhart branch of San Antonio & Aransas Pass Ry. and Moulton-Gonzales public road; iron post stamped "336 SA"-----	327. 855
Gonzales, 75 feet west of station, 50 feet southwest of crossing of North Avenue, 50 feet south of main track; iron post stamped "306 SA"-----	297. 738

**Gonzales north along public roads to mile board 137, Galveston, Harrisburg & San Antonio Ry., near Thompsonville.**

Gonzales, 5 feet east of north entrance to courthouse, in rock over basement window; bronze tablet stamped "299 SA"-----	291. 011
Gonzales, 2.75 miles north of, brow of ridge, east side of road, 1.5 feet west of wire fence, 10 feet north of gate 400 feet south of branch; iron post stamped "359 SA"-----	351. 168
Gonzales, 6 miles north of, at forks of Gonzales-Thompsonville road and Gonzales-Sandy Fork road; iron post stamped "419 SA"-----	411. 105
Mile board 137, 7 miles south of, summit of ridge about 0.5 mile south of branch, 2 feet east of west line of wire fence in lane; iron post stamped "421 SA"-----	413. 120
Mile board 137, 2.75 miles south of, intersection of Bastrop-Gonzales and Harwood-Waelder public roads, 6 miles west of Waelder and 12 miles north of Gonzales; iron post stamped "358 SA"-----	350. 041
Mile board 137, 1.5 miles south of, intersection of roads, 20 feet east of center of public road, 6 feet south of corner of fence, 100 feet northeast of B. A. Eversole's residence; iron post stamped "359.5 SA"-----	351. 515

**Gonzales to Waelder along public roads.**

Gonzales, 3 miles northeast of, intersection of roads, southeast corner of wire fence at private road 0.5 mile northeast of Carr Creek; iron post stamped "338 SA"-----	330. 066
Gonzales, 8 miles northeast of, intersection of roads, 125 feet northwest of mouth of lane about 0.75 mile northeast of Denton Creek; iron post stamped "341 SA"-----	332. 923
Possumtrot, intersection of roads, 150 feet southwest of abandoned store, 250 feet southeast of cotton gin, 7 miles southwest of Waelder; iron post stamped "330 SA"-----	321. 895
Waelder, 3 miles southwest of, intersection of roads, west side of main road, 1 mile northeast of Pecan Creek; iron post stamped "373 SA"-----	364. 946

**Possumtrot northeast to mile board 123, Galveston, Harrisburg & San Antonio Ry., 2.75 miles west of Flatonia.**

Possumtrot, 1.75 miles northeast of, 50 feet west of Sandy Fork, and on west bank 2 feet south of fence, on north side of road, 400 feet east of foot of ridge; iron post stamped "297 SA"-----	289. 099
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Winnfield's gin, 2 miles southwest of 150 feet west of branch, 25 feet north of road, 2 feet south of wire fence; iron post stamped "348 SA"-----	Feet. 340.138
Winnfield's gin, 100 feet southeast of, intersection of Flatonia and Gonzales road via Possumtrot with Moulton-Waelder road, 75 feet west of Moulton road; iron post stamped "330 SA"-----	322.038
Winnfield's gin, 1.5 miles southeast of, intersection of Waelder-Moulton and Gonzales-Flatonia (via Possumtrot) roads, 0.75 mile southeast of Peach Creek; iron post stamped "299 SA"-----	290.886
Winnfield's gin, 2.5 miles southeast of, intersection of roads, 2 feet east of wire fence, 25 feet north of gate to settlement road west, intersecting the Moulton and Waelder road about 1.5 miles west; iron post stamped "330 SA"-----	322.104

## Moulton to Winnfield's gin.

Old Moulton, intersection of the Waelder and Moulton public road and a road that connects with the Waelder and Moulton road and the Gonzales and Flatonia road, west side of public square; iron post stamped "436 SA"-----	427.917
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## Nickel south and east to Henkhaus via Bailey triangulation station.

Nickel, 5 miles south of, Bailey triangulation station; iron post set for triangulation point, stamped "595 SA"-----	586.659
Bailey triangulation station, 3.5 miles east of, on east side of old public road, 15 feet south of gate entrance to pasture, settlement road, leading to Witting, about 300 feet east of Bill Dixon's residence; iron post stamped "516 SA"-----	508.033

## Henkhaus east and north via Witting to Engle on Galveston, Harrisburg &amp; San Antonio Ry.

Witting post office, 0.5 mile northwest of, intersection of Hallettsville-Moulton and Witting-Flatonia public roads, near signboard marked "Hallettsville 11 miles, Breslau 5 miles, Moulton 7 miles, Flatonia 15 miles"; iron post stamped "396 SA"-----	388.051
Witting, 4.75 miles northeast of, forks of Flatonia and Moravia public roads; iron post stamped "363 SA"-----	355.081
Engle, 4 miles south of, near line dividing Lavaca and Fayette Counties, at intersection of Hallettsville-Flatonia and Schulenburg-Flatonia public roads with road to Engle; iron post stamped "411 SA"-----	403.088

## San Antonio &amp; Aransas Pass Ry. bridge 81 along track to Gonzales.

Slayden, 5.2 miles southeast of, southeast corner of private road crossing; iron post stamped "292"-----	292.217
Gonzales, 75 feet west of station, 50 feet southwest of crossing of North Avenue, 50 feet south of main track; iron post stamped "306 SA"-----	297.738

## FREDERICKSBURG QUADRANGLE.

## Oxford to Fredericksburg along public roads.

Oxford, 9 miles south of, east side of road, at junction of road east, 10 feet north of 18-inch post-oak tree utilized as gatepost; iron post stamped "1287 SA"-----	1,279.787
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Oxford, 12.5 miles south of, east side of road, on west slope of Bell Mountain, at summit of hill; iron post stamped "1851 SA"-----	Feet. 1, 842. 851
Fredericksburg, 14.5 miles northeast of, 12 feet west of southwest fence corner, at junction with Willow City and Llano road; iron post stamped "1749 SA"-----	1, 741. 677
Fredericksburg, 12.25 miles northeast of, 8 feet north of northwest fence corner, at junction with Burnet and Fredericksburg public road; iron post stamped "1826 SA"-----	1, 818. 774
Fredericksburg, 9.5 miles northeast of, on northwest side of road by wire fence, 27 feet northwest of 14-inch post-oak tree at fence angle; iron post stamped "1953 SA"-----	1, 945. 842
Fredericksburg, 6.5 miles northeast of, on west side of road, 60 feet east of gate at Grobe's farm, 4 feet west of 15-inch post-oak tree utilized as fence corner; iron post stamped "1724 SA"-----	1,716. 819
Fredericksburg, 4.5 miles northeast of, 18 feet north of fence corner at angle in road, 650 feet northeast of Palo Alto Creek; iron post stamped "1649 SA"-----	1, 641. 790
Fredericksburg, 2.75 miles northeast of, at forks with a settlement road running northward, 8 feet northeast of northeast fence corner; iron post stamped "1824 SA"-----	1, 816. 817
Fredericksburg, southeast of county courthouse, in stone trimming at at corner of projection, 7 feet northeast of entrance; bronze tablet stamped "1708 SA"-----	1, 700. 864
Fredericksburg, northwest side of Fredericksburg and Comfort public road, 55 feet southwest of principal street; iron post stamped "1695 SA"-----	1, 687. 942

**Fredericksburg to Comfort along Fredericksburg and Comfort road.**

Fredericksburg, 4.5 miles south of, on north side of road, 4 feet west of fence post at slight angle, on north bank of Pedernales River; iron post stamped "1609 SA"-----	1, 601. 920
Fredericksburg, 6.5 miles south of, on summit of hill 15 feet south of twin scrub pin-oak tree, 3 feet east of west fence line of road; iron post stamped "1779 SA"-----	1, 771. 986
Fredericksburg, 9 miles south of, 2 feet northeast of fence corner post on west side of road, 105 feet south of 9-mile post; iron post stamped "1865 SA"-----	1, 857. 841
Comfort, 11.5 miles north of, 7 feet east of 22-inch dead post-oak tree utilized as a fence corner post at right-angle bend in road from east to south; iron post stamped "1976 SA"-----	1, 968. 747
Comfort, 9.5 miles north of, on west side of road, 7 feet north of gate; iron post stamped "2094 SA"-----	2, 086. 955

**Gobe's ranch, 6.5 miles northeast of Fredericksburg, over Johnson City and Marble Falls road via Grape Creek and Key's ranch to Althouse's ranch.**

Gobe's ranch, 3.5 miles southeast of, 15 feet northeast of intersection of roads, 40 feet south of gate; iron post stamped "1674 SA"-----	1, 666. 089
Gobe's ranch, 7 miles east of, foot of hill, corner of fence north of road, 120 feet west of dry creek; iron post stamped "1628 SA"-----	1, 620. 037
Gobe's ranch, 10.5 miles east of, north of road at entrance to Nebgen's ranch; iron post stamped "1718 SA"-----	1, 710. 327
Whitman Gap, Brushy Mountain, 14 miles east of Gobes ranch, at forks of road; iron post stamped "1742 SA"-----	1, 734. 092

Sultemier's ranch, 0.3 mile southwest of, at fork of Johnson City and Grape Creek road; iron post stamped "1646 SA"-----	Feet. 1, 638. 101
Hobart's and Eckart's pastures, on line between, 25 feet east of road; iron post stamped "1427 SA"-----	1, 418. 625
Blowout, 3.75 miles southwest of, 3 feet south of mailbox post at forks of roads; iron post stamped "1544 SA"-----	1, 535. 742

**Whitman Gap and Brushy Mountain via Albert to Fredericksburg.**

Whitman Gap, 4 miles south of, forks of road; iron post stamped "1474 SA"-----	1, 466. 065
Albert, 0.3 mile northwest of post office, at forks of road; iron post stamped "1482 SA"-----	1, 474. 024
Albert, 3 miles west of, 500 feet southwest of Hitchfield house; iron post stamped "1599 SA"-----	1, 591. 142
Albert, 6 miles west of, at milestone 13, south side of road; iron post stamped "1493 SA"-----	1, 485. 116
Fredericksburg, 10 miles east of, at intersection of Austin and Fredericksburg road with Grape Creek and Luckenbach road, north side of road, 200 feet west of milestone 10; iron post stamped "1516 SA"-----	1, 508. 305
Fredericksburg, 7 miles east of, 500 feet north of Millening stone house; iron post stamped "1577 SA"-----	1, 568. 958

**Luckenbach over Blanco road to Albert.**

Luckenbach, 600 feet west of post office, forks of Comfort and Fredericksburg road; iron post stamped "1567 SA"-----	1, 559. 360
Luckenbach, 3.7 miles east of, corner of wire fence on north side of road; iron post stamped "1687 SA"-----	1, 679. 187
Luckenbach, 7.5 miles southeast of, large rock on north edge of road, 1 mile south of county line; aluminum tablet stamped "1893 SA"-----	1, 884. 992
Blanco, 12 miles west of, south side of road, 175 feet east of milestone 12; iron post stamped "1657 SA"-----	1, 649. 103
Blanco, 9 miles west of, southeast corner of yard of Weber's house; iron post stamped "1517 SA"-----	1, 509. 373
Albert, 4.2 miles southeast of, summit of divide between Pedernales and Blanco Rivers, west side of road; iron post stamped "1839 SA"-----	1, 831. 438

**Luckenbach over Luckenbach-Comfort road to point 9.5 miles north of Comfort.**

Luckenbach, 5 miles west of, intersection of Fredericksburg, San Antonio and Luckenbach roads; iron post stamped "1784 SA"-----	1, 776. 153
Luckenbach, 10.7 miles southwest of, at lane to Gill's ranch; iron post stamped "1611 SA"-----	1, 602. 920
Luckenbach, 14.5 miles southwest of, 800 feet south of Alfred Gill's house; iron post stamped "1703 SA"-----	1, 695. 101

**Sisterdale north to Luckenbach-Blanco road.**

Sisterdale, 5 miles north of, west edge of road, by wire fence; iron post stamped "1472 SA"-----	1, 464. 211
Sisterdale, 9 miles north of, summit of divide between Blanco River and Sisterdale Creek, 4 feet west of road and 50 feet north of 6-inch live-oak tree; iron post stamped "1969 SA"-----	1, 961. 203

Peter Weber's ranch along Kendalia and Albert road to John Knapp's ranch.

Weber's ranch, 3 miles south of, northeast side of road, 20 feet north of big gate, at angle in road to east; iron post stamped "1621 SA"	Feet. 1, 613. 233
Weber's ranch, 6.25 miles southeast of, south side of slope, near summit of divide, east edge of road in limestone outcrop; bronze tablet stamped "1879 SA"	1, 871. 000

Ernest Hobort's ranch, 11 miles south of Fredericksburg, west over settlement road to Center Point road, thence north to Junction City road, thence east to Fredericksburg.

Hobort's ranch, 3.5 miles west of, at intersection of settlement road with Center Point road and Fredericksburg road, east side of road at gate; iron post stamped "1810 SA"	1, 801. 527
Fredericksburg, 11 miles by road and 7 miles direct southwest of, north slope of hill, east side of road, in limestone outcrop; aluminum tablet stamped "1746 SA"	1, 738. 158
Fredericksburg, 7.5 miles by road and 4 miles direct southwest of, 600 feet southwest of milestone 4, at narrow lane running west, west side of road; iron post stamped "1661 SA"	1, 653. 030
Fredericksburg, 3.5 miles west of, 60 feet east of intersection of settlement road with Junction City road, south side of Junction City road, in front of house; iron post stamped "1816 SA"	1, 808. 071

Point 2 miles west of Fredericksburg north along Lane and Fort Mason road to Crab Apple road and east to Enchanted Rock

Fredericksburg, 3.25 miles west of, southwest side of hill, south side of road, by wire fence; iron post stamped "1899 SA"	1, 891. 147
Fredericksburg, 7 miles northwest of, 100 feet southeast of Barrons Creek, 45 feet southeast of milestone 7, northeast side of road, by fence; iron post stamped "1954 SA"	1, 946. 208
Fredericksburg, 10 miles northwest of, 300 feet north of milestone 10, 4 feet north of 14-inch post-oak tree, east side of road; iron post stamped "2077 SA"	2, 068. 627
Fredericksburg, 13 miles northwest of, 55 feet north of milestone 13, east side of road, in mound of stone; iron post stamped "2077 SA"	2, 069. 423
Fredericksburg, 15.5 miles north of, junction of north-south with east-west road, northeast side; iron post stamped "1845 SA"	1, 837. 116
Fredericksburg, 17.75 miles north of, 200 feet east of W. C. Schneider's house and 10 feet north of road, in blue limestone outcrop; aluminum tablet stamped "1857 SA"	1, 849. 575
Fredericksburg, 16 miles north of, west side of drain, 100 feet east of stone marked "F B 16 M," 20 feet northeast of gate, in granite outcrop; aluminum tablet stamped "1724 SA"	1, 716. 236
H. Keese's ranch, 3 miles east of, in top of gray granite outcrop on north side of road; aluminum tablet stamped "1691 SA"	1, 682. 590
Enchanted Rock, 0.25 mile south of, 500 feet southeast of corrals at Moss's old ranch, 30 feet north of road, in top of pink granite boulder; aluminum tablet stamped "1414 SA"	1, 410. 811

P. Scuch's ranch, 9 miles northwest of Fredericksburg, east over Settlement Road to Gobe's ranch, 6.5 miles northeast of Fredericksburg.

Peter Metzger's house, 400 feet northeast of, 15 feet south of gate, by wire fence; iron post stamped "2122 SA"	2, 114. 044
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Fredericksburg, 8.5 miles north of, 100 feet north of dim road running west, on west side of Fredericksburg and Crab Apple road; iron post stamped "2096 SA"-----	Feet. 2, 088. 199
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**Southwest along Fredericksburg and Burnet public road.**

Blowout, 4.75 miles northeast of, 7 feet southwest of gate, 800 feet southwest of White Creek, on northwest side of road; iron post stamped "1075 SA"-----	1, 066. 699
Blowout, 1.75 miles northeast of, 2 feet southwest of gate, 500 feet southwest of Comanche Creek, on northwest side of road; iron post stamped "1240 SA"-----	1, 231. 906
Blowout, 1 mile southwest of, 11 feet east of stone wall on west side of road, in top of granite outcrop, 80 feet southwest of gate; bronze tablet stamped "1403 SA"-----	1, 394. 555
Blowout, 3.75 miles southwest of, at forks of road, 3 feet south of mail-box post; iron post stamped "1544 SA"-----	1, 535. 742
Willow City, 3.75 miles northeast of, 12 feet northeast of dead post-oak tree utilized as fence corner post, north side of road; iron post stamped "1630 SA"-----	1, 621. 870
Willow City, 8 feet west of northeast corner of Rick's cotton-gin yard, on south side of road; iron post stamped "1680"-----	1, 671. 661

**GEORGETOWN QUADRANGLE.**

**McNeil to Bertram along Houston & Texas Central R. R., western division.**

Cedar Park, 0.5 mile east of, west side of Round Rock and Buttercup public road crossing, 26 feet north of track; iron post stamped "893 SA"-----	885. 281
Cedar Park, in front of post office; top of rail-----	911. 2
Cedar Park, 1.25 miles northwest of, northwest side of Georgetown and Travis county line public road, 46 feet southwest of track, at right of way fence corner; iron post stamped "968 SA"-----	960. 224
Leander, 1.66 miles southeast of, 45 feet southwest of track; iron post stamped "993 SA"-----	985. 092
Leander, 650 feet south of station, south side of public road, 46 feet west of track; iron post stamped "983 SA"-----	975. 078
Leander, in front of station; top of rail-----	972. 4
Liberty Hill, 3 miles southeast of, north side of settlement road, 27 feet east of track; iron post stamped "968 SA"-----	960. 064
Liberty Hill, in front of station; top of rail-----	1, 030. 1
Liberty Hill, 80 feet northwest of northwest corner of station, 50 feet northeast of main track on northwest side of Liberty Hill and Round Rock public road; iron post stamped "1040 SA"-----	1, 032. 198
Liberty Hill, 2.25 miles northwest of, south side of settlement road, 28 feet east of track; iron post stamped "1098 SA"-----	1, 090. 156

**GIDDINGS QUADRANGLE.**

**Giddings, west along Houston & Texas Central R. R.**

Giddings, Lee County courthouse, northeast corner of; bronze tablet stamped "520 SA"-----	512. 424
Giddings, 2 miles west of, half way between mileposts 57 and 58, top of rock coping over southeast end of 18-inch drainpipe culvert 132; copper bolt stamped "487 SA"-----	478. 978



Giddings, 3.75 miles west of, 15 feet north of main road, 50 feet west of road crossing small branch, west of Houston & Texas Central R. R.; iron post stamped "461 SA"-----	Feet. 452.745
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## Giddings to Winchester along San Antonio &amp; Aransas Pass Ry.

Giddings, 2.75 miles south of, in lane on west side of Giddings and Winchester public road, 35 feet south of south bank of Rabbs Creek and 50 feet west of center of track; iron post stamped "404 SA"---	396.450
Serbin, 50 feet southeast of passenger station, 12 feet east of center of main track, 12 feet north of wagon road; iron post stamped "482 SA"-----	474.512
Serbin, 2.75 miles south of, northwest corner of right of way fence, 70 feet northwest of Giddings-Winchester public road crossing; iron post stamped "448 SA"-----	440.548
Winchester, 1.75 miles north of, northwest corner of right of way fence, 42 feet northwest of Giddings-Winchester public road crossing, 33 feet west of center of track; iron post stamped "400 SA"---	392.534

## Giddings to Lexington along San Antonio &amp; Aransas Pass Ry.

Giddings, 1.75 miles north of, southwest corner of right of way fence, 55 feet southwest of crossing of Giddings-Lexington public road, between third and fourth telegraph poles south of milepost 187; iron post stamped "435 SA"-----	426.658
Giddings, 3.75 miles north of, 45 feet southwest of crossing of Giddings-Caldwell public road, 3 feet north of fence; iron post stamped "427 SA"-----	418.727
Lincoln, 70 feet northeast of passenger station, 22 feet east of main track; iron post stamped "367 SA"-----	358.662
Lincoln, in front of station; center of track-----	357.4
Lincoln, 1.5 miles north of, 65 feet southeast of Lincoln-Fedor public road crossing, 45 feet east of track, 3 feet northwest of the southeast corner of right of way fence; iron post stamped "381 SA"-----	372.643
Lincoln, 5.5 miles north of, 50 feet southeast of Giddings-Lexington public road, 850 feet north of Middle Yegua Creek; iron post stamped "348 SA"-----	339.627

## SABINAL QUADRANGLE.

## Hondo to Sabinal along Galveston, Harrisburg &amp; San Antonio Ry.

Hondo River bridge, north end of east rock pier, in coping; copper bolt stamped "U.S.G.S. S32 B.M."-----	824.287
Hondo, in front of station; center of track-----	889.2
Hondo, Medina County courthouse, southwest corner of portico, in rock pedestal between two iron pillars; bronze tablet stamped "901"-----	893.293
Mile board 264, 10 feet east of; iron post stamped "904"-----	895.893
D'Hanis, in front of station; center of track-----	880.5
Seco River bridge, 11 telegraph poles east of mile board 269, in top of North end of east rock pier, copper bolt stamped "U.S.G.S. 889 B.M."-----	881.071
Seco, in front of signboard; top of tie-----	1,065.9

	Feet.
Mile board 274, 75 feet east of; iron post stamped "1006"-----	998.159
Sabinal, 0.25 mile east of station, 35 feet east of milepost 280, in solid rock; iron post stamped "957"-----	949.180
Sabinal, in front of station; top of tie-----	955.6

## Sabinal and Utopia county road.

Sabinal, 4.5 miles northeast of, forks of Sabinal-Utopia county road and Bandera-Sabinal county road, 800 feet northeast of two-story stone house owned by Bascom Lyles, in forks of road; iron post stamped "1022"-----	1,014.286
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## Sabinal and Bandera (abandoned) county road.

Sabinal, 10 miles northeast of, 45 feet west of lone live-oak tree 15 inches in diameter, 30 feet east of road; iron post stamped "1102"-----	1,094.223
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## Sabinal south via Sabinal and Friotown road to Woodward's ranch, on Frio River.

Sabinal, 3.4 miles south of, intersection of Sabinal-Batesville and Sabinal-Friotown roads; iron post stamped "894 SA"-----	886.097
Sabinal, 6 miles south of, 20 feet west of road, and 50 feet north of the northeast corner of old stone house; iron post stamped "844 SA"-----	836.174
Sabinal, 10 miles south of, intersection of Sabinal-Friotown road with ranch road, 1 mile north of Sabinal Creek crossing; iron post stamped "799 SA"-----	791.190
Sabinal, 12 miles south of, intersection of Sabinal-Friotown and Friotown-Uvalde public roads; iron post stamped "768 SA"-----	760.145
Sabinal, 15.4 miles south of, intersection of Friotown public road with road which crosses Blanco Creek and Frio River just above the mouth of Sabinal Creek; iron post stamped "723 SA"-----	715.233
Woodward's ranch, 6 miles north of, 200 feet south of slough and 15 feet west of road, near plain cattle trail; iron post stamped "706 SA"-----	698.190
Woodward's ranch, 2 miles northwest of, at forks of road near gate, right-hand road very dim; iron post stamped "692 SA"-----	684.205
Friotown, 3.1 miles north of, east side of road at a point where road turns left to avoid mudhole; iron post stamped "653 SA"-----	645.130
Friotown, in foundation wall, east side of north entrance to abandoned courthouse building now used as store and post office; cop-per bolt stamped "632 SA"-----	624.566
Friotown to Moore, on International & Great Northern R. R., via Henson ranch.	
Friotown, 3.8 miles east of, 125 feet north of gate on bank of Frio River, 15 feet south of road; iron post stamped "620 SA"-----	612.208
Friotown, 7.1 miles east of, 25 feet north of four hackberry trees and 15 feet south of road; iron post stamped "591 SA"-----	583.185
Friotown, 10.25 miles east of, 2 miles west of Hondo River, 3 feet south of fence at roadside; iron post stamped "594 SA"-----	586.199
Friotown, 13.6 miles east of, at forks of Friotown-Moore and Friotown-Pearsall Roads, 300 feet southeast of Henson ranch house; iron post stamped "615 SA"-----	607.198
Henson ranch, 3.25 miles east of, intersection of Pearsall-Hondo and Friotown-Moore Roads; iron post stamped "696 SA"-----	688.212

## Tehuacana via settlement road to Moore station.

Moore, 4.3 miles west of, intersection of Friotown and Moore Road, via Henson ranch and Tehuacana road; iron post stamped "710 SA"-----	Feet. 702. 259
Moore, in front of station, 25 feet south of main track; iron post stamped "660 SA"-----	652. 206

## Pearsall to Hondo along public road.

Hondo River iron bridge, 0.75 mile west of, forks of Tehuacana and Moore Road and Pearsall and Hondo public road; iron post stamped "626 SA"-----	618. 234
Hondo River bridge, 2.3 miles northwest of, intersection of Pearsall-Hondo public road with road to Friotown, near schoolhouse; iron post stamped "630 SA"-----	622. 159
Hondo, iron bridge, 6.25 miles northwest of, 25 feet north of Newton's gate, where old Friotown-Castroville road enters Newton's pasture, 3 feet from fence in lane, west side of road; iron post stamped "656 SA"-----	648. 009
Hondo, 9.8 miles south of, angle of fence, east side of road, 500 feet south of East Fork of Tehuacana Creek, about 0.75 mile northeast of Buck Hill; iron post stamped "761 SA"-----	752. 829
Hondo, 6.75 miles south of, 20 feet south of Live Oak Slough, 40 feet south from three large live oak trees, 8 feet from east fence; iron post stamped "782 SA"-----	773. 732
Hondo, 3.25 miles south of, corner of fence at intersection of roads; iron post stamped "840 SA"-----	831. 856
Dunlay, on Galveston, Harrisburg & San Antonio Ry., south to Briar Branch settlement, along old Friotown and Castroville road and third-class road.	
Dunlay, 8.25 miles south of, intersection of Quihe-Devine road with old Friotown-Castroville road; iron post stamped "816 SA"-----	808. 110
Dunlay, 11 miles south of, 3.9 miles east of Hondo River crossing, intersection of roads, 125 feet north of gate; iron post stamped "775 SA"-----	767. 215
Hondo River, west bank of, 10 feet east of road at the Readus crossing and 20 feet northeast of gate; iron post stamped "704 SA"-----	696. 149
Seco Creek crossing, 2.1 miles northeast of, forks of road 75 feet northeast of an old fence; with gatepost but no gate; iron post stamped "697 SA"-----	688. 836
Point 0.25 mile west of the Seco Creek crossing northwest 3 miles along settlement road branching off the old Friotown and Castroville road.	
Seco Creek crossing, 3 miles west of, at forks of settlement road and Friotown-Hondo county road; iron post stamped "678 SA"-----	669. 690
Hondo City and Friotown public road southwest to Blackaller's ranch road, thence to Blackaller's residence.	
Blackaller's residence, 4 miles northeast of, at side of road where present road leaves old road on account of wash, returning a short distance below; iron post stamped "666 SA"-----	658. 209
Blackaller's residence to Charles Woodward's residence, west of Frio River, via branch road.	
Charles Woodward's ranch, 4.9 miles southwest of, 4.75 miles west of Friotown, intersection of ranch road and Friotown and Uvalde public road; iron post stamped "673 SA"-----	665. 517

## Friotown and Uvalde public road southeast to Friotown.

Blackaller's ranch, 6 miles north of, 35 feet south of road, 80 feet south of Woodward's windmill, 200 feet east of mesquite pole fence running north and south in Woodward's pasture; iron post stamped "790 SA"-----	Feet. 782.189
Blackaller's ranch, 9 miles north of, in front of V. Johnson's residence, on road leading from Friotown and Hondo road near John Allen's place to Sabinal, 2,000 feet south of Squirrel Creek; iron post stamped "815 SA"-----	807.223
V. Johnson's, 3.5 miles north of, 9.75 miles southwest of D'Hanis, in corner of fence 10 feet east of gate; iron post stamped "925 SA"---	917.186
D'Hanis, 6.5 miles southwest of, at forks of road 50 feet south of gate, fence running east and west; iron post stamped "966 SA"-----	958.227

## Ranch road to John Fohn's ranch southeast to Old D'Hanis.

Mile board 266, 4.5 miles southeast of, near gate 10 feet west of road, 1.5 feet north of fence; iron post stamped "981 SA"-----	973.062
Mile board 266, 9.75 miles southeast of, 8.75 miles southwest of Hondo, intersection of roads, east of Fohn's road and south of Major Moore's ranch road to Hondo City (Fohn road crosses the Hondo road and third-class Friotown road, about 0.25 mile southeast of bench mark); iron post stamped "848 SA"-----	840.231

## Hondo and Friotown third-class road southwest to Capt. J. D. Smith's ranch.

Seco Creek crossing, 2.4 miles east of, at Capt. J. D. Smith's residence, 50 feet north of road, 50 feet from southeast corner of house, 65 feet northwest of 20-inch mesquite tree; iron post stamped "777 SA"-----	769.703
Seco Creek crossing, 2.5 miles west of, 25 feet south of road, 25 feet west of branch, 0.5 mile northwest of High Hill Point; iron post stamped "789 SA"-----	781.478

## HALSTEAD QUADRANGLE.

## At Moravia.

Moravia, 0.25 mile west of, near fence line at intersection of Witting-Moravia and Hallettsville-Flatonia public roads, 8.25 miles northwest of Witting; iron post stamped "405 SA"-----	397.030
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## LLANO QUADRANGLE.

## Graphite to Llano along Houston &amp; Texas Central R. R.

Graphite station, in front of; top of rail-----	978.6
Graphite, 1.25 miles northwest of, on north side of Lone Grove public road, 19 feet east of track; iron post stamped "1015 SA"-----	1,006.475
Graphite, 3.75 miles northwest of, on northwest side of a private road, 500 feet southeast of trestle-91 A, 22 feet southwest of track; iron post stamped "967 SA"-----	958.651
Llano, 5.75 miles northeast of, 50 feet northeast of gate at entrance to Bessemer station grounds, 150 feet north of track; iron post stamped "988 SA"-----	979.621
Llano, 2.25 miles southeast of, 9 feet east of private road gate, 45 feet north of track; iron post stamped "1027 SA"-----	1,018.503

	Feet.
Llano, in front of station; top of rail-----	1, 020. 9
Llano, in front of small park at east end of freight station, 32 feet south of main track; iron post stamped "1029 SA"-----	1, 020. 743
Llano, county courthouse, south side of entrance on east front of, in face of pedestal to pillar; bronze tablet stamped "1050 SA"-----	1, 041. 632

**Llano south via Oxford along public road to Fredericksburg.**

Llano, 2.75 miles south of, on west side of road, 125 feet south of Oatman Creek, 45 feet south of northeast corner of a cultivated field; iron post stamped "1075 SA"-----	1, 066. 715
Llano, 6 miles south of, 41 feet west of east fence line of road, 22 feet west of wagon tracks in clump of scrub live oaks on summit of hill; iron post stamped "1244 SA"-----	1, 235. 864
Oxford, 1.75 miles north of, 90 feet north of 26-inch dead oak tree on west side of road near summit of hill; iron post stamped "1430 SA"-----	1, 421. 890
Oxford, 15 feet south of post office, on west side of road; iron post stamped "1333 SA"-----	1, 324. 765
Oxford, 2.25 miles south of, 14 feet south of gate on east side of road, at junction with settlement road running east to Click; iron post stamped "1221 SA"-----	1, 212. 873
Oxford, 4.7 miles south of, 5 feet south of 13-inch post-oak tree utilized as a gatepost, on west side of road, at junction with road running west to Enchanted Rock; iron post stamped "1261 SA"---	1, 252. 869
<b>Point 4 miles west of Smith's ranch to point 2.25 miles south of Oxford via Click.</b>	

Click, 4 miles southeast of, 40 feet south of telephone pole, southwest side of road on summit of hill; iron post stamped "1117 SA"-----	1, 108. 881
Click, 2 miles southeast of, south side of road by fence corner, at junction with settlement road running northeast, 0.75 mile west of Sandy Creek; iron post stamped "1003 SA"-----	994. 823
Click, 0.12 mile east of post office, 75 feet north of northwest corner of schoolhouse at forks of roads; iron post stamped "1051 SA"---	1, 042. 782
Click Gap, southeast side of road, in top of gray sandstone ledge, 13 feet north of twin live oak tree, 40 feet southwest of summit; bronze tablet stamped "1393 SA"-----	1, 384. 813
Click Gap, 2.75 miles southwest of, at forks of settlement road running east through Sandy Gap, 500 feet southwest of Moore's farmhouse; iron post stamped "1099 SA"-----	1, 090. 680

**Point near Oxford northwest along settlement road.**

Oxford, 4 miles southeast of; 0.25 mile east of Hondo Creek, south side of road, 12 feet north of 48-inch live oak tree, 35 feet southeast of 45-inch post oak tree, on summit of hill; iron post stamped "1194 SA"-----	1, 185. 696
<b>Click to point 2.2 miles south of Llano via Round Mountain and Llano upper road.</b>	
Click, 3 miles north of, 4 feet north of east gatepost at forks of roads; iron post stamped "1184 SA"-----	1, 176. 094
Click, 6.25 miles north of, in top of conglomerate rock, 50 feet southeast of fence angle west of wagon tracks; bronze tablet stamped "1149 SA"-----	1, 141. 084

Click, 9 miles north of, in top of limestone outcrop, south side of road, 7 feet south of stone wall corner; bronze tablet stamped "1313 SA"-----	Feet. 1,304.644
Riley Mountain, 8.75 miles southeast of Llano, 30 feet east of 6-inch scrub oak, 15 feet south of road, on triangular limestone 50 by 36 by 50 inches; chiseled cross on rock marked "U. S. G. S. B. M."-----	1,559.62
1568	
Llano, 7 miles southeast of, on southwest side of road by twin mesquite tree, at junction with a settlement road running south to Middlebrook's ranch; iron post stamped "1252 SA"-----	1,243.740
Llano, 3.75 miles southeast of, 12 feet north of gate on east side of wire fence; iron post stamped "1095 SA"-----	1,087.050

## Llano north along public road to Cherokee.

Llano, 3 miles north of, 4 feet south of wire-fence corner on east side of road, at junction with settlement road running east; iron post stamped "1112 SA"-----	1,104.031
Babyhead, 3.25 miles south of, in pink granite outcrop 15 feet west of east fence line, opposite to small corral; aluminum tablet stamped "1253 SA"-----	1,244.810
Babyhead, 250 feet southeast of post office, in top of sandstone outcrop, west side of road in front of small corral; aluminum tablet stamped "1348 SA"-----	1,339.614
Babyhead, 3 miles north of, in top of flat granite bowlder on east fence line of road, 600 feet southeast of bend; aluminum tablet stamped "1440 SA"-----	1,431.760
Cherokee, 2.5 miles south of, 6 feet south of fence corner, at southeast corner of crossroads; iron post stamped "1515 SA"-----	1,507.012
Cherokee, West Texas Normal and Business College, in sandstone trimming at northwest corner of west wing of building, 6 inches above water table; aluminum tablet stamped "1530 SA"-----	1,522.058

## Cherokee east along Mason and Lampasas road.

Cherokee, 3.5 miles east of, on west bank of Salt Branch, 10 feet south of road, 15 feet northwest of 6-inch mesquite tree; iron post stamped "1412 SA"-----	1,404.041
Cherokee, 6.75 miles east of, 5 feet southeast of road at bend, in top of limestone outcrop; aluminum tablet stamped "1400 SA"-----	1,391.787
Cherokee, 9.33 miles east of, at junction of Mason and Lampasas Road with San Saba and Bluffton Road; iron post stamped "1317 SA"-----	1,308.978

## South along San Baba and Bluffton road to Boyt's ranch.

Boyt's ranch, at southwest corner of fence inclosing yard at residence of T. W. Boyt, on east side of road; iron post stamped "1461 SA"-----	1,453.366
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## South along settlement road via Tow's and Kuykendall's ranches to Lone Grove and Houston &amp; Texas Central Ry.

Boyt's ranch, 3 miles south of, on top of embedded limestone bowlder 10 feet west of road at highest point of open prairie; bronze tablet stamped "1501 SA"-----	1,493.039
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Tow's ranch, 1.5 miles south of, in top of embedded limestone boulder 15 feet northwest of gate, southwest side of road; bronze tablet stamped "1422 SA"-----	Feet. 1, 414. 253
Tow's ranch, 3 miles south of, east side of road, on summit of hill, divide between Falls and Miller Creeks; iron post stamped "1559 SA"-----	1, 550. 810
Lone Grove, 3.25 miles northeast of, 25 feet north of gate, west side of road at junction of Llano and Lampasas Road with settlement road to Kuykendall's ranch; iron post stamped "1141 SA"-----	1, 132. 772
Lone Grove, 150 feet west of post office, 5 feet south of fence in front of cotton gin and on northeast bank of Little Llano Creek; iron post stamped "999 SA"-----	990. 911

**Llano via Valleyspring to Field Creek along public roads.**

Llano, 3 miles northwest of, northeast side of road near summit of slight incline in front of leaning live-oak tree, 27 feet southeast of telephone pole; iron post stamped "1131 SA"-----	1, 122. 892
Llano, 6 miles northwest of, 3 feet west of northwest fence corner, 250 feet north of milepost "To L 6" at bend in road from south to west; iron post stamped "1161 SA"-----	1, 153. 109
Valleyspring, 3.5 miles southeast of, 150 feet southeast of gate, on northeast side of road, 35 feet west of 30-inch post-oak tree bearing mile board "To L 9"; iron post stamped "1207 SA"-----	1, 199. 161
Valleyspring, 0.5 mile southeast of post office, in top of embedded granite boulder on south side of summit of hill, 200 feet southwest of Methodist Episcopal Church; aluminum tablet stamped "1335 SA"-----	1, 326. 677
Valleyspring, 2.66 miles northwest of, north side of road at bend, 15 feet north of twin post-oak tree; iron post stamped "1450 SA"-----	1, 441. 657
Valleyspring, 5.66 miles north of, in top of limestone outcrop, northeast side of road, 120 feet northwest of mile-board "Llano 17 miles," opposite to R. Baumann's farm residence; aluminum tablet stamped "1485 SA"-----	1, 476. 903
Field Creek, 1.75 miles southeast of, at northwest corner of intersection with settlement road running northeast and southwest, at summit of a small hill; iron post stamped "1407 SA"-----	1, 398. 424
Field Creek, in northwest corner of McLeod, Appleton & Co.'s general store, 4 feet above ground; aluminum tablet stamped "1414 SA"-----	1, 405. 985

**Field Creek north along settlement road via Wilson's ranch to Pontotoc and San Saba road.**

Field Creek, 2.25 miles northeast of, at junction of Pontotoc and San Saba Road with settlement road, 0.25 mile north of W. R. Wilson's ranch; iron post stamped "1617 SA"-----	1, 607. 476
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**Northeast along Pontotoc and San Saba road.**

Field Creek, 4 miles northeast of, 20 feet east of road, east side of 18-inch blackjack tree, 50 feet south of summit of hill, in top of embedded boulder; aluminum tablet stamped "1784 SA"-----	1, 775. 701
Field Creek, 7 miles northeast of, at junction of Mason-Lampasas Road; iron post stamped "1752 SA"-----	1, 743. 961

**Point 7 miles northeast of Field Creek east along Mason and Lampasas road to Cherokee.**

Cherokee, 9 miles west of, in top of embedded limestone boulder, southeast side of road, 25 feet east of gate, 12 feet southeast of 14-inch live-oak tree; bronze tablet stamped "1703 SA"-----	Feet. 1, 694. 623
Cherokee, 5.33 miles west of, on east side of road, 6 feet southeast of gate on division fence line between lands of A. R. Kuykendalls and R. W. Gray; iron post stamped "1615 SA"-----	1, 606. 457
Cherokee, 2.5 miles west of, on south side of road, 5 feet south of gate on division-fence line between lands of R. W. Gray and George Gray; iron post stamped "1551 SA"-----	1, 542. 734

**Cherokee to Valleyspring along public road.**

Cherokee, 3.5 miles southwest of, north side of road by wire fence, 6 feet from gate; iron post stamped "1531 SA"-----	1, 522. 914
Valleyspring, 5.75 miles northeast of, in top of sandstone ledge 9 feet southwest of 10-inch elm tree, 35 feet northeast of Pecan Creek, east side of road; aluminum tablet, stamped "1412 SA"-----	1, 403. 930
Valleyspring, 2.33 miles northeast of, at junction with settlement road southeast; iron post stamped "1374 SA"-----	1, 365. 841

**Valleyspring southwest along public road to Castell.**

Valleyspring, 4.33 miles southwest of, at junction with settlement road running west, 75 feet southwest of small creek; iron post stamped "1274 SA"-----	1, 265. 938
Valleyspring, 7.25 miles southwest of, south side of road, 5 feet west of gate at end of lane; iron post stamped "1314 SA"-----	1, 306. 018
Valleyspring, 9.5 miles southwest of, 40 feet north of summit of road at Kings Mountain, in top of pink granite outcrop west of road; aluminum tablet stamped "1424 SA"-----	1, 416. 472
Castell, 7 miles north of, at southeast corner of intersection of Mason-Burnet and Castell-Pontotoc roads; iron post stamped "1326 SA"-----	1, 317. 968

**Point 7 miles north of Castell south along Castell and Pontotoc road.**

Castell, 3.5 miles north of, 3 feet east of gate on east side of road; iron post stamped "1272 SA"-----	1, 263. 852
Castell, 5 feet north of southwest fence corner at "Traveler's Home," 75 feet east of T. Buchholz's general store and post office; iron post stamped "1207 SA"-----	1, 199. 132

**Castell to Llano eastward along Llano and Mason road.**

Castell, 3.33 miles east of, 5 feet west of fence corner at junction with Loyal Valley road opposite 15-mile board ("15 miles to L. V."); iron post stamped "1208 SA"-----	1, 200. 312
Castell, 6 miles east of, 12 feet east of 12-inch elm tree northwest side of road at point where lane runs north to river; iron post stamped "1154 SA"-----	1, 146. 167
Castell, 8.75 miles east of, 30 feet south of road on west bank of Hickory Creek; iron post stamped "1111 SA"-----	1, 103. 048
Llano, 6 miles west of, north side of road, east bank of Sixmile Creek, 40 feet northeast of granite post, marked "To Llano 6 miles;" iron post stamped "1085 SA"-----	1, 077. 291



Llano, 3 miles west of, northwest side of road at summit of hill 100 feet northeast of milestone "To Llano 3 miles"; iron post stamped "1083 SA"-----	Feet. 1, 075. 523
<b>Oxford to House Mountain along settlement roads via Bennett schoolhouse and Balcom's ranch.</b>	
Oxford, 3.5 miles west of, 10 feet south of road at summit of hill, in top of sandstone boulder; bronze tablet stamped "1497 SA"-----	1, 489. 222
Oxford, 6 miles west of, 100 feet northwest of Bennett's schoolhouse, at fence corner, south side of road; iron post stamped "1403 SA"---	1, 394. 957
Oxford, 9.5 miles west of, 60 feet northwest of gate, at junction of old Llano and Fredericksburg road, with a settlement road 0.75 mile northeast of Bull Head Creek, in top of granite outcrop; aluminum tablet stamped "1322 SA"-----	1, 314. 176
Balcom's ranch, 1.25 miles west of, 450 feet southwest of junction with settlement road running north and south, 2 feet above ground, northwest side of road, in top of pink granite outcrop; aluminum tablet stamped "1324 SA"-----	1, 315. 937
Balcom's ranch, 4 miles west of, 800 feet east of a small creek about 1 mile east of House Mountain, 15 feet west of where road passes dim road, southwest side of road, in top of pink granite outcrop; aluminum tablet stamped "1345 SA"-----	1, 336. 614
<b>House Mountain to Enchanted Rock along settlement road via August Keese's ranch.</b>	
Hayne's ranch, 3.5 miles north of, at forks of road 0.33 mile northwest of Marshall Creek; iron post stamped "1369 SA"-----	1, 360. 758
Hayne's ranch, 300 feet south of Henry Hayne's residence, west side of road, in top of pink granite boulder; aluminum tablet stamped "1425 SA"-----	1, 416. 917
Putman's ranch, 0.5 mile southeast of, northeast bank of Hickory Creek, 75 feet southwest of road, in red sandstone ledge; aluminum tablet stamped "1525 SA"-----	1, 517. 230
August Keese's ranch, 0.75 mile east of, 125 feet south of fence dividing lands of August Keese and H. Keese, in small open flat 250 feet east of settlement road running north and south, in top of pink granite outcrop; aluminum tablet stamped "1749 SA"-----	1, 741. 397
<b>Enchanted Rock northeast along settlement road to Watch Mountain.</b>	
Watch Mountain, 1.25 miles south of, 25 feet north of road, on south bank of small branch, in top of gray granite outcrop; aluminum tablet stamped "1374 SA"-----	1, 365. 805
<b>Watch Mountain east to Aaron Moss's ranch.</b>	
Watch Mountain, 2.2 miles east of, 0.5 mile west of Aaron Moss's ranch, 450 feet southwest of Sand Creek, 20 feet northwest of road, 3 feet southeast of post oak tree, in top of pink granite boulder; aluminum tablet stamped "1270 SA"-----	1, 262. 064
Moss's ranch, 2.25 miles southeast of, 200 feet southeast of Crab Apple Creek, 10 feet west of 11-inch hickory tree, south side of road, in top of pink granite boulder; aluminum tablet stamped "1188 SA"---	1, 179. 642
Boy's ranch, 1.33 miles southeast of, in quartz boulder between two 20-inch live oak trees 30 feet south of road; bronze tablet stamped "1497 SA"-----	1, 489. 055

## NEW BRAUNFELS QUADRANGLE.

## San Marcos to San Antonio along the International &amp; Great Northern Ry.

Yorks Creek railroad bridge, in top of west end of north rock pier near mile board 219; copper bolt stamped "U.S.G.S. 627 B.M."-----	Feet. 621.629
Goodwin, 40 feet east of main track, 5 feet south of first telegraph pole north of station; iron post stamped "695 SA"-----	690.143
Goodwin, in front of station; center of track-----	690.7
New Braunfels, in front of station; center of track-----	637.1
Dry Comal Creek, railroad bridge, in top of north end of east rock pier; copper bolt stamped "U.S.G.S. 638 B.M."-----	633.26
Mile board 234, 75 feet north of trestle 507, 5 feet south of second telegraph pole south of mile board 234; iron post stamped "692"-----	686.98
Corbyn, in front of signboard; center of track-----	708.7
Mile board 240, southeast corner of right of way fence at private road crossing near second telegraph pole west of; iron post stamped "769"-----	764.0
Davenport station, in front of; center of track-----	797.6
Cibolo River railroad bridge, in southeast end of north rock pier; copper bolt stamped "U.S.G.S. 789 B.M."-----	783.700
Wetmore siding, 1.75 miles east of, 40 feet north of center of track, 25 feet east of road crossing, 1,000 feet north of church; iron post stamped "849"-----	844.0
Wetmore, in front of mail hook; center of track-----	816.4
Adams siding, 2 miles northeast of, 40 feet east of center of wagon road, 40 feet south of center of track, 2 feet from fence; iron post stamped "786"-----	780.176
Adams siding, in front of signboard; center of track-----	718.1
San Antonio, 3 miles north of station, 100 feet north of "city limits" signboard, in corner of right of way fence, near second telegraph pole south of milepost 258; iron post stamped "747"-----	742.19

## San Antonio to Seguin along Galveston, Harrisburg &amp; San Antonio Ry.

Converse, in front of station; center of track-----	712.5
Cibolo Creek, southwest end of west brick pier; copper bolt stamped "U.S.G.S. 725 B.M."-----	717.1
Cibolo, northwest corner of Charles Fromer's store, in vertical rock wall; bronze tablet stamped "712"-----	703.6
Marion, in front of station; center of track-----	643.9
Marion, north side of tracks, 5 feet north of first telegraph pole east of station; iron post stamped "651"-----	642.905
Guadalupe River Bridge, east end of west rock pier, near section house 81; bronze tablet stamped "552"-----	544.339

## SAN ANTONIO SPECIAL QUADRANGLE AND THREE ADJOINING 15' QUADRANGLES ON SOUTH AND WEST.

## Dunlay station to Converse along Galveston, Harrisburg &amp; San Antonio Ry.

Dunlay, 60 feet east and 30 feet south of, southwest corner of station; iron post stamped "999"-----	990.575
Dunlay, 4 miles east of, 40 feet south of track, near corner of right-of-way fence, between mileposts 245 and 246; iron post stamped "858"-----	849.872

	Feet.
Noonan, opposite signboard; top of tie-----	768. 4
Noonan, 0.25 mile east of, at Chicon Creek Bridge, in top of south end of east rock pier; copper bolt stamped "U.S.G.S. 757 B.M."---	748. 196
Lacoste, 2.25 miles west of, at crossing of Castroville and Devine road, midway between mileposts 237 and 238, 50 feet south of track, in southwest corner of right of way fence; iron post stamped "815"-----	806. 725
Idlewild, in southeast corner of right of way fence, 1,200 feet west of water tank, 40 feet south of track; iron post stamped "692"---	683. 854
Idlewild, in front of signboard; center of track-----	681. 4
Medina River Bridge, in north end of west pier (high-water channel); copper bolt stamped "U.S.G.S. 616 B.M."-----	608. 279
Medina River, 2 miles east of, midway between mileposts 224 and 225, at crossing of San Antonio-Frio road, in corner of right-of-way fence, 50 feet north of track; iron post stamped "627"-----	618. 858
Mileposts 220 and 221, midway between, at southwest corner of section house, 40 feet north of track; iron post stamped "636"-----	627. 944
Withers, sidetrack, in front of signboard; top of tie-----	631. 6
San Antonio, 4 miles west of, midway between mileposts 216 and 217, near corner of right of way fence at San Antonio and Frio road crossing, 40 feet south of track; iron post stamped "681"-----	672. 992

#### At San Antonio.

San Antonio, in front of Galveston, Harrisburg & San Antonio Ry. passenger station; top of rail-----	675. 1
San Antonio, post-office building, corner of Houston Street and Avenue D, in southwest corner; bronze tablet stamped "669"-----	661. 180
San Antonio, Bexar County courthouse, east side, around first cellar window south of north entrance, top of flat granite coping; bronze tablet stamped "655.7"-----	647. 794
San Antonio city hall, east entrance, top of large stone north side of steps; bronze tablet stamped "661. 1"-----	653. 212
Kerby, opposite signboard; center of track-----	707. 0
Mile board 201, sixth telegraph pole east of, 1.5 feet from wire fence; iron post stamped "735"-----	727. 688

#### San Antonio north along International & Great Northern Ry.

San Antonio, 10 miles north of, trestle 542, 100 feet north and 50 feet east of track, half way between mileposts 244 and 245, in large rock; copper bolt stamped "U.S.G.S. 776 B.M."-----	767. 197
San Antonio along upper Castroville road to point 2.8 miles west of city limits, thence south partly across country 3.4 miles to Castroville road, thence west and north along Castroville and Canyon roads to Galveston, Harrisburg & San Antonio R. R. milepost 228.	
San Antonio, 1.1 miles directly west of city limits, 1,300 feet south of St. Louis College, north side of upper Castroville road, 10 feet east of avenue; iron post stamped "722 SA"-----	713. 964
San Antonio, 2.8 miles west of city limits, 1.8 miles west of avenue to St. Louis College, 0.2 mile east of Salsamora Creek, south side of road, 3 feet east of gate entrance to pasture; iron post stamped "746 SA"-----	737. 881

San Antonio, 3.9 miles west of city limits, on lower Castroville road, south side of road, by wire fence, 140 feet west of bridge over Leon Creek; iron post stamped "689 SA"-----	Feet. 680.424
San Antonio, 6.8 miles west of city limits, on lower Castroville road, at top of hill, south side of road, 0.9 mile east of Medio Creek, 2 feet east of milepost 10, by wire fence; iron post stamped "813 SA"-----	805.084
San Antonio, 10.5 miles west of city limits, on Castroville road, at forks with Canyon road south, 1.9 miles north of Medina River, at fence corner; iron post stamped "762 SA"-----	753.753
<b>Castroville road north along Canyon road to Culebra Creek, thence southeast along Culebra Creek and upper Castroville roads to Salsamora Creek.</b>	
San Antonio, 11 miles west of city limits, on upper Castroville road, at intersection of Canyon road, on west side of Caracal Creek, at southeast fence corner; iron post stamped "812 SA"-----	803.681
San Antonio, 10.4 miles west of city limits, south side of Culebra Creek road, north side of Culebra Creek, 4.5 miles northwest of Leo Creek crossing of upper Castroville road, by wire fence; iron post stamped "857 SA"-----	849.117
San Antonio, 7.3 miles west of city limits, west side of Culebra road, 0.3 mile south of Culebra Creek, and 1.5 miles northwest of Leon Creek crossing of upper Castroville road, at angle in road, by wire fence; iron post stamped "815 SA"-----	807.184
<b>San Antonio, near milepost 205, Galveston, Harrisburg &amp; San Antonio Ry., east over Binz-Engleman road, thence southeast over Georgetown road, west on Hedwick road, and south via Sayers to Sulphur Springs road, thence west to San Antonio.</b>	
San Antonio, 2 miles east of city limits, south of Binz-Engleman public road and 60 feet south of Galveston, Harrisburg & San Antonio Ry. track, near crossing; iron post stamped "682 SA"-----	674.004
San Antonio, 6 miles east of city limits, 2.2 miles east of Rosillo Creek, summit of ridge at angle of road; iron post stamped "707 SA"-----	699.131
Converse, 4 miles southeast of, west side of Binz-Engleman road, 30 feet south of Greytown road, at intersection; iron post stamped "670 SA"-----	662.203
Martinez, 5.5 miles directly east of, on north side of St. Hedwig road by wire fence at intersection with road leading north; iron post stamped "653 SA"-----	645.082
Sayers, 4 miles southwest by road, and 2.8 miles direct, 8 miles east of city limits of San Antonio, on New Sulphur Springs road at crossing of Arroyo Hondo road, by southeast fence corner; iron post stamped "593 SA"-----	585.204
San Antonio, 3.6 miles southeast of city limits, 700 feet west of farmhouse, on south side of road, at angle in road; iron post stamped "616 SA"-----	608.276
San Antonio, 0.2 mile east of east city limits, south side of Sulphur Springs road, 6 feet northeast of W. R. Wurzbach's store; iron post stamped "714 SA"-----	706.505

Point southeast of Sayers southeast along Arroyo Hondo road to point 4 miles north of Elmendorf, thence west along various roads via Hillman to Leon.

	Feet.
Elmendorf, 4.2 miles north of, in forks of Arroyo Hondo and Upson roads, at corner of wire fence; iron post stamped "507 SA"-----	499.166
Hellemans, 5.6 miles direct or 8 miles by road east of, 6 miles southeast of corner of San Antonio city boundary, north side of road, by wire fence, 11 feet east of gate; iron post stamped "571 SA"---	563.208
Hellemans, 4 miles southeast of, at intersection of W. W. White's road with Goliad-San Antonio road, 0.5 mile south of mouth of Rosillo Creek joining Salado Creek, southwest side of road by wire fence, 3 feet east of telephone pole; iron post stamped "570 SA"---	562.211
Hellemans (Berg's station), on San Antonio & Aransas Pass Ry., 600 feet east of, northwest corner of San Juan and Pressa road; iron post stamped "560 SA"-----	552.279
Hellemans, 4 miles southwest of, at crossing of Mission and San Antonio-Pleasanton roads, at northeast fence corner; iron post stamped "SA 618"-----	610.325
Leon, 2.7 miles southeast of, 4.5 miles south of San Antonio city limits, north side of Mission road, 6 feet east of Apple White-San Antonio roads, at northeast fence corner; iron post stamped "617 SA"-----	609.262
Intersection of W. W. White road with Goliad-San Antonio road southeast via Calaveras and Fairview to Verdi, thence north via Loire and Losoyo to point 7 miles north of Losoyo. <sup>1</sup>	
Elmendorf, 2.2 miles northwest of, south side of road, 4 feet north of gate; iron post stamped "529 SA"-----	521.342
Sampasco switch, at road crossing, 15 feet south of track, 20 feet north of public road; iron post stamped "488 SA"-----	480.207
Calaveras, in front of station; center of track-----	411.7
Calaveras, 0.75 mile south of, summit of small ridge, east side of road by wire fence; iron post stamped "428 SA"-----	420.437
Calaveras, 3.75 miles south of, summit of ridge, east side of road, by wire fence; iron post stamped "537 SA"-----	529.373
Fairview, 1 mile north of, 1,000 feet north of road forks, west side of road by wire fence; iron post stamped "569 SA"-----	561.159
Fairview, 3.5 miles southwest of, north side of road, 4 feet north of gate by wire fence; iron post stamped "519 SA"-----	511.648
Verdi, 6 feet northeast of post office, by wire fence; iron post stamped "455 SA"-----	447.455
Loire, southeast corner of post office; iron post stamped "518 SA"---	510.618
Loire, 3.5 miles north of, east side of road by wire fence, 2 feet north of gate in front of Washington Williams's house; iron post, stamped "598 SA"-----	590.714
Losoyo, 4 miles south of, east side of road, by wire fence, at offset in lane; iron post stamped "575 SA"-----	567.820
Losoyo, 35 feet north of post office, east side of road by fence; iron post stamped "514 SA"-----	506.741
Earle south to Childress store.	
Earle, 0.8 mile north of post office, east side of road by wire fence, 600 feet north of gates; iron post stamped "522 SA"-----	514.250
Earle, 2 miles north of, west side of road by wire fence, opposite milepost "SA 14"-----	556.117

<sup>1</sup> The error distributed in this circuit exceeds the allowable limit.

Earle, 4.5 miles south of, west side of road at fence corner, midway between mileposts 16 and 17; iron post stamped "593 SA"-----	Feet. 585. 174
Earle, 7 miles south of, west side of road by wire fence, opposite milepost "SA 19 N;" iron post stamped "594 SA"-----	586. 310
Earle, 10.5 miles south of, west side of road by wire fence, 100 feet west of settlement road running northeast through gate; iron post stamped "526 SA"-----	518. 196
Childress store, northeast fence corner, 40 feet west of store; iron post stamped "507 SA"-----	499. 199
Childress store west along settlement roads via John Cavender ranch north to Gates Valley Church.	
Childress store, 4.2 miles west of, 4 feet east of gate, west of entrance to John Cavender's pasture, east side of road; iron post stamped "501 SA"-----	493. 032
Gates Valley Church, 2,000 feet north of, southeast side of road at forks, 200 feet south of H. Meadow's house, at rail fence; iron post stamped "525 SA"-----	517. 099
Gates Valley Church north along Gates Valley and Amphion roads to Mission road.	
Gates Valley Church, 2.8 miles north of, at gate, in forks of road by wire fence; iron post stamped "585 SA"-----	577. 254
San Antonio, 21.5 miles south of, west side of road by wire fence, 1,400 feet north of sand ridge east and west, 900 feet south of gate; iron post stamped "657 SA"-----	649. 404
San Antonio, 18.5 miles south of, 900 feet north of settlement road running southeast, west side of road, 4 feet north of 24-inch blazed blackjack tree; iron post stamped "751 SA"-----	743. 221
San Antonio, 15.8 miles south of, summit of ridge, 1,800 feet north of church, east side of road by wire fence; iron post stamped "631 SA"-----	623. 479
Divide between Medina and Leon Creek, west side of road by wire fence; iron post stamped "611 SA"-----	603. 123
Medina River Bridge, Galveston, Harrisburg & San Antonio Ry., southeast along highway via Bexar and Rossville to Gates Valley Church.	
Medina River Bridge, north end of west pier; copper bolt-----	608. 218
Macedonia, 3.8 miles south of, 2.5 miles west of Vonormy, 100 feet north of International & Great Northern R. R. track at road crossing, north side of Bexar and San Antonio road by wire fence; iron post stamped "653 SA"-----	645. 072
Bexar, 1 mile north of, northeast of road crossing, by 18-inch post oak tree utilized as fence corner post; iron post stamped "634 SA"-----	626. 239
Bexar, 1 mile south of, 275 feet north of lane running west, 8 feet west of 30-inch post oak, east side of road by wire fence; iron post stamped "682 SA"-----	674. 203
Summerset, 2 miles south of, 6 feet north of 14-inch hickory, east side of road by wire fence; iron post stamped "745 SA"-----	737. 162
Rossville, 3.2 miles north of, east side of road at southeast fence corner of cultivated field; iron post stamped "651 S.A."-----	643. 101
Rossville, southwest corner of post office, east side of road; iron post stamped "557 SA"-----	549. 211
Rossville, 3 miles east of, fence corners at dim road east and west across Benton-Pleasanton road; iron post stamped "563 SA"-----	555. 143

## SAN MARCOS QUADRANGLE.

## San Marcos along road via Zorn and Geronimo to Seguin.

San Marcos, river bridge 0.5 mile east of International & Great Northern R. R. passenger station, east end of north rock pier; copper bolt stamped "585" -----	Feet. 577. 732
San Marcos, 2 miles south of, in forks of road, southwest corner, near sign post "Staples 10 miles; Seguin 25 miles;" iron post stamped "626" -----	625. 540
San Marcos, 5 miles south of, 150 feet northeast of W. E. Gray's store, 5 feet south of telephone pole west of road; iron post stamped "626" -----	625. 769
Zorn, 2 miles north of, west of road, 50 feet north of gate, 200 feet east of house, mail box 25; iron post stamped "628" -----	628. 336
Zorn, 50 feet northeast of store, between hitching rail and fence, 100 feet southwest of road crossing; iron post stamped "529" -----	529. 848
Zorn, 4 miles south of, 300 feet east of schoolhouse, at northwest corner of road crossing, mail box 20; iron post stamped "614" -----	614. 321
Geronimo, in front of store between hitching post and gallery; iron post stamped "584" -----	583. 415
Geronimo, 2.8 miles south of, at intersection of lane from east, 10 feet south of mail box 4, marked H. A. Glaeser, 250 feet northwest of house; iron post stamped "584" -----	583. 422
Seguin, 1.5 miles north of, Coast and Geodetic Survey triangulation station Mott, 25 feet west of road, in concrete monument; nail marked "U. S. 1903 C. & G. S." -----	581. 144
Seguin, 25 feet north of main track, 1.5 feet east of fence around small park in front of station; iron post stamped "560 S A" -----	552. 115
<b>Seguin by road and San Antonio &amp; Aransas Pass Ry. via Belmont to Luling.</b>	
Seguin, 3.4 miles east of, 250 feet east of Geronimo Creek, 10 feet west of road at road crossing; iron post stamped "474" -----	474. 204
Junior, 1.5 miles east of, 50 feet southeast of Aug. Maurer's mail box, 15, in forks of road; iron post stamped "525" -----	525. 45
Junior, 3.8 miles east of, at Hy. Bering's mail box, 28, 50 feet east of, at northwest corner of crossroads; iron post stamped "512" -----	512. 081
Junior, 8.1 miles east of, 50 feet east of Henry Denman's store, near gate on wire fence; iron post stamped "448" -----	448. 510
Belmont, 3 miles west of, 150 feet south of L. G. Denman's house (occupied by W. A. Huggins), 20 feet west of gate south of road; iron post stamped "427" -----	426. 551
Belmont, G. A. Sather's store, southeast corner, in wall 3 feet above ground and 1.5 feet from corner; bronze tablet, set vertically, stamped "393" -----	392. 664
Belmont, 2.8 miles north of, at forks of roads, 10 feet north of mail box 10, east of road near wire fence; iron post stamped "439" -----	439. 344
Belmont, 6.6 miles north of, at forks of road, west of road, near wire fence corner; iron post stamped "434" -----	433. 849
Luling, 3 miles south of, south of J. B. Wood's house and mail box, 1,000 feet south of, in forks of road (river road and bridge road); iron post stamped "394" -----	394. 008
Luling, in southwest corner of park opposite freight station; iron post stamped "426" -----	410. 708

**Luling via road by Tilmon to Lockhart.**

	Feet.
Luling, 3.6 miles northeast of, southwest corner of forks of Clear Fork road and Tilmon road; iron post stamped "413"-----	412. 862
Luling, 9.4 miles northeast of, at forks of road 0.5 mile west of gin near negro's house, northeast corner; iron post stamped "388"__	387. 548
Tilmon, R. Robertson & Son's store, in front of gallery at northwest corner; iron post stamped "388"-----	387. 257
Tilmon, 3 miles northwest of, 70 feet east of Plum Creek bridge, north of road; iron post stamped "390"-----	389. 776
Seawillow, 0.5 mile northwest of, in front of house, 15 feet south of C. A. Rolsten's mail box, 3 feet north of gate; iron post stamped "462"-----	461. 060
Seawillow, 2.95 miles northwest of, 4 miles southeast of Lockhart, 600 feet southeast of mail box 8 (Mrs. J. T. Martindale), 100 feet north of small bridge, 15 feet east of road, in limestone ledge; bronze tablet stamped "480"-----	479. 344
Lockhart, in front of San Antonio & Aransas Pass Ry. station; top of rail-----	513. 8
Lockhart, 30 feet south of Missouri, Kansas & Texas Ry. track, 200 feet west of transfer track of San Antonio & Aransas Pass Ry., 40 feet west of road crossing; iron post-----	504. 683

**Lockhart by road via Fentress to Luling.**

Lockhart, 3.7 miles southwest of, 150 feet west of Clear Fork Creek, 0.25 mile west of Joe M. Horner's house, south of road; iron post stamped "489"-----	489. 007
Lockhart, 5.1 miles southwest of, in fork of road, main road turns west, 500 feet east of Alex. Mahan's mail box; iron post stamped "610"-----	610. 568
Lockhart, 9.7 miles southwest of, at forks (left-hand road goes to Luling and Prairie Lea, right hand goes to Fentress); iron post stamped "539"-----	539. 494
Fentress, 75 feet northeast of Cumberland Presbyterian Church, in forks of road, 30 feet south of Lockhart-Kingsbury road, 40 feet north of Fentress-Luling road; iron post stamped "444"-----	444. 091
Prairie Lea, 200 feet southeast of W. N. McKinney's Sons' store, 600 feet northwest of Methodist Church, 500 feet southwest of schoolhouse, at fence corner; iron post stamped "451"-----	451. 255
Prairie Lea, 3.2 miles southeast of, at forks of road, at southeast corner, 30 feet northeast of mail box of P. A. Styles, 55; iron post stamped "460"-----	460. 067
Luling, 1.5 miles northwest of, in forks at southeast fence corner, 30 feet east of mail box 7, 2,000 feet southeast of schoolhouse; iron post stamped "378"-----	378. 427

**Fentress along road via Martindale to San Marcos.**

Fentress, 4.1 miles northwest of, at intersection of lane and main road, at northeast corner; iron post stamped "473"-----	473. 283
Martindale, 200 feet southwest of Missionary Baptist Church, at corner of fence, 40 feet east of main road; iron post stamped "528"-----	527. 631



Martindale, 1.9 miles northwest of, 250 feet east of Fuller's house, in forks of Rudsville and Fentress-San Marcos roads; iron post stamped "558"-----	Feet. 557.865
San Marcos, 3.4 miles southeast of, at southeast corner of crossroads; iron post stamped "567"-----	567.471
<b>San Marcos via Uhland to Lockhart.</b>	
San Marcos, 3.6 miles northeast of, 200 feet southwest of High Prairie schoolhouse, at fence corner; iron post stamped "598"-----	598.077
San Marcos, 6.2 miles northeast of, at intersection of Maxwell road, at southwest corner; iron post stamped "623"-----	623.05
San Marcos, 8.6 miles northeast of, at northwest corner of crossroads; iron post stamped "636"-----	635.896
Uhland, 0.5 mile southwest of, near mail box of E. F. Ranke, in forks of road; iron post stamped "644"-----	644.227
Uhland, 3.3 miles southeast of, at gate where telephone pole crosses road, west side of road; iron post stamped "611"-----	611.134
Lockhart, 2.8 miles southwest of, 0.25 mile east of Blank's gin, 80 feet north of crossing of Missouri, Kansas & Texas Ry., north of road; iron post stamped "557"-----	556.935
Lockhart, in front of Missouri, Kansas & Texas Ry. station; top of rail-----	518.18
<b>Luling along San Antonio &amp; Aransas Pass Ry. to point 3.5 miles southeast of Slayden.</b>	
Luling, in front of San Antonio & Aransas Pass Ry. station; top of rail-----	400.1
Luling, 3 miles southeast of, 30 feet north of road crossing at milepost 165; iron post stamped "347"-----	346.653
Andrews, in front of signboard; top of rail-----	339.6
Luling, 6.4 miles southeast of, in northeast corner of road crossing at milepost 162; iron post stamped "323"-----	322.954
Ottine, in front of station; top of rail-----	338.2
Ottine, 800 feet southeast of station, north corner of cattle-guard fence; iron post stamped "328"-----	328.058
Slayden, 500 feet northwest of station, at road crossing at end of switch, at north fence corner of cattle guard; iron post stamped "327"-----	326.948
Slayden, in front of station; top of rail-----	327.4
Slayden, 1.8 miles southeast of, at road crossing 1,500 feet south-east of milepost 156, at southeast corner; iron post stamped "305"-----	304.932
<b>Seguin to Harwood along Galveston, Harrisburg &amp; San Antonio Ry.</b>	
Seguin, opposite station; center of track-----	551.2
Elks siding, opposite signboard; center of track-----	544.3
Elks siding, 200 feet southeast of Neil's house, 1.5 feet from wire fence south of east headblock; iron post stamped "558"-----	550.237
Kingsbury, south of main track, 1.5 feet west of small park west of station; iron post stamped "614"-----	606.386
Kingsbury, in front of station; center of track-----	604.6
Sullivan siding, at southeast corner of railroad section 78, 40 feet west of headblock south end of switch; iron post stamped "473"-----	465.471

San Marcos River, in top of rock bridge seat north end of east pier; copper bolt stamped "398"-----	Feet. 382.447
Luling, southwest corner of park opposite freight station; iron post stamped "426"-----	410.708
Ivy siding, southwest corner of right of way fence, 200 feet west of west end of siding, east of Luling-Harwood county road; iron post stamped "455"-----	439.397
Harwood, 100 feet west of station, 25 feet north of track, 2 feet west of west end of park; iron post stamped "476"-----	460.528

**Buda to San Marcos along International & Great Northern R. R.**

Kyle, 1 mile north of station, at Kyle and Austin public road crossing, in corner of right of way fence, 40 feet east of track, 30 feet north of road; iron post stamped "713"-----	707.726
Kyle, in front of station; center of track-----	713.7
Blanco river railroad bridge, in top of northeast end of north rock pier; copper bolt stamped "U. S. G. S. 636 B. M."-----	631.000
San Marcos River railroad bridge, in west end of north rock pier; copper bolt stamped "U. S. G. S. 583 B. M."-----	577.732
Mile board 215, south of road crossing near, west of track; iron post stamped "662"-----	656.801

**San Marcos along Missouri, Kansas & Texas Ry. to Lockhart.**

San Marcos River railroad bridge, in west end of north rock pier; copper bolt stamped "U. S. G. S. 583 B. M."-----	577.732
Mile board 1018, 10 feet west of ninth telegraph pole east of, 40 feet south of track, 30 feet east of wagon road; iron post-----	580.984
Maxwell, in front of station; top of rail-----	604.2
Maxwell, in front of station, 30 feet south of center of track; iron post-----	603.894
Clear Fork spur, at headblock; center of track-----	566.7
Clear Fork spur, 400 feet east of, 25 feet north of center of track, 50 feet south of San Marcos and Lockhart road crossing; iron post-----	569.726
Lockhart, in front of station; center of track-----	517.5
Lockhart, 30 feet south of Missouri, Kansas & Texas Ry. track, 200 feet west of transfer track of San Antonio & Aransas Pass Ry., 40 feet west of road; iron post-----	504.683

**Lockhart to Luling along San Antonio & Aransas Pass Ry.**

Cattle guard 40, 40 feet south of Hales road crossing, 15 feet west of track; iron post-----	487.810
Burdette siding, in front of platform; center of main track-----	457.7
Lockhart and Luling public road crossing, 25 feet east of track, 10 feet from fence; iron post-----	403.760

**UVALDE QUADRANGLE.****Uvalde along Dry Frio Canyon road north 20.75 miles.**

Uvalde, 4 miles northeast of, 20 feet northwest of gate at fork of Uvalde and Leaky (Frio Canyon) road; iron post stamped "1009"-----	1,000.516
Chilton ranch, 0.5 mile east of, in corner of fence 10 feet north of road to house; iron post stamped "1116"-----	1,108.250

Davenport south ranch, 0.25 mile south of, 35 feet east of gate,	Feet.
"Uvalde, 15 miles"; iron post stamped "1229"-----	1, 221.122
Uvalde, 20.75 miles north of, 200 feet south of J. F. Kelley ranch,	
10 feet west of gate; iron post stamped "1356"-----	1, 348.084

**Kelley ranch along Sabinal and Leaky road to Hackberry ranch.**

Concan schoolhouse, 465 feet northeast of, 10 feet south of road,	
inside fence; iron post stamped "1252"-----	1, 243.860
Florea ranch, 0.25 mile east of, 10 feet southwest of road to ranch,	
in corner of pasture; iron post stamped "1183"-----	1, 174.860
Hackberry ranch, 600 feet northwest of, 7 feet east of large live	
oak tree at fork of Blanco Canyon road up Hackberry Creek; iron	
post stamped "1122"-----	1, 113.980

**Hackberry north along Blanco Canyon road to Enderle ranch.**

Hackberry ranch, 4 miles north of, 500 feet south of Enderle ranch,	
20 feet south of road; iron post stamped "1300"-----	1, 291.792

**Bench marks, Uvalde and Utopia road.**

Blanco River, 0.75 mile northeast of, 50 feet north of gate; iron	
post stamped "1016"-----	1, 007.881
E. D. Kelley's ranch, 250 feet northwest of, set inside house lot,	
and 20 feet east of gate; iron post stamped "1103"-----	1, 094.805
Sabinal and Utopia road, 1.75 miles southwest of, junction of Uvalde	
road, 600 feet north of Sabinal River, 50 feet south of road, 2 feet	
north of small mesquite tree; iron post stamped "1121"-----	1, 113.059

**Bench mark on Ranch road via Baldwin tank.**

Umlong ranch, 2.25 miles northwest of, 300 feet east of Frio River,	
2.25 miles west of Baldwin tank, 50 feet north of gate on road;	
iron post stamped "1064"-----	1, 055.938

**Bench marks on Nueces Canyon road.**

Benson Knob (Round Mountain), summit of; iron post stamped	
"1077"-----	1, 069.006
Uvalde, 13 miles northwest of, 100 feet west of gate; iron post	
stamped "1045"-----	1, 037.110
Uvalde, 18.8 miles northwest of, 0.33 mile southwest of Nueces River	
crossing, 50 feet north of gate on road to Francis Smith & Co.'s	
(Molesworth) ranch; iron post stamped "1126"-----	1, 117.430

**Laguna northeast 3.5 miles along Sycamore Creek ranch road.**

Laguna, 1 mile northeast of, inside lot fence, 25 feet south of Francis	
Smith & Co.'s (Molesworth) ranch house; iron post stamped	
"1162"-----	1, 153.950
Laguna, 3.5 miles northeast of, opposite yellow bank on creek 2.75	
miles northeast of Francis Smith & Co.'s (Molesworth) ranch	
house, between road and creek; iron post stamped "1269"-----	1, 261.181

## Bench marks on Indian Creek ranch road.

T. J. Lewis's ranch, near the fork of Nueces River and Indian Creek, inside of lot fence, 25 feet north of house; iron post stamped "976"-----	Feet. 967.867
William Lewis's ranch, 2.25 miles northeast of, in lot 40 feet south of Van Ham's lower windmill; iron post stamped "1164"-----	1, 156.255
William Lewis's ranch, 5 miles north of, in lot 60 feet west of Van Ham's windmill; iron post stamped "1270"-----	1, 262.207
William Lewis's upper ranch, 6 miles northeast of, 25 feet east of divide between Indian Creek and Dry Frio River, 10 feet south of road; iron post stamped "1502"-----	1, 493.988
William Lewis's ranch, 8 miles north of, in small elm grove 40 feet east of road fork, 0.75 mile southeast of Francis Smith & Co.'s (Molesworth) windmill; iron post stamped "1327"-----	1, 318.782
Francis Smith & Co.'s (Molesworth) windmill, on Indian Creek, 5 miles northeast of, 800 feet west of divide between Indian Creek and Dry Frio River, 50 feet north of gate in west face of Davenport's pasture; iron post stamped "1609"-----	1, 600.886

## Bench marks on Uvalde-Fort Clark (Brackettville) road.

Uvalde, 3.75 miles west of, by wire fence south of gate at end of lane; iron post stamped "935"-----	927.662
Uvalde, 8 miles west of, under cat-claw tree on north side of road, 50 feet east of asphalt mine; iron post stamped "919"-----	911.412
Uvalde, 12 miles west of, on saddle between 2 hills, 3.5 miles east of Carbonville (asphalt mine), 20 feet south of road; iron post stamped "955"-----	947.332

## Uvalde southwest via Uvalde-Smythe and Nunn ranch road to Nunn &amp; Smythe ranch.

Uvalde, 9 miles southwest of, 1.75 miles southwest of old Tom Nunn ranch, 18 feet west of gate between Tom Nunn and Nunn & Smythe pastures; iron post stamped "864"-----	856.351
Uvalde, 15 miles southwest of, in lot at Nunn & Smythe ranch house on Turkey Creek, 40 feet west of large gate; iron post stamped "848"-----	840.418

## Uvalde southwest via Uvalde and Eagle Pass road 12.5 miles.

Uvalde, 5.75 miles west of, under wire fence 20 feet south of gate at forks of road to Mrs. Bates's ranch on Nueces River; iron post stamped "977"-----	969.655
Uvalde, 12.5 miles southwest of, 3.5 miles west of Nueces River, 30 feet north of road, near cluster of mesquite bushes, on divide between Mustang Creek and Windmill or Elm Creek; iron post stamped "889"-----	881.078

## Uvalde southwest to Piper &amp; West ranch (Hurd windmill) via road.

Uvalde, 10.5 miles southwest of, in corner of lot 20 feet west of Piper & West ranch house; iron post stamped "807"-----	799.584
Uvalde, 15.5 miles southwest of, Hurd windmill, Piper & West ranch, in northeast corner of house lot; iron post stamped "792"-----	783.971

## Bench mark near Turk's ranch.

Turk's ranch, 0.75 mile northeast of, in large rock on east end of Sand Hill; bronze tablet stamped "868"-----	Feet. 860.182
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## Uvalde southwest 16 miles on Wilderness Lake road.

Uvalde, 13 miles southwest of, in southeast corner of McDaniel's ranch-house lot; iron post stamped "767"-----	759.152
Uvalde, 16 miles southwest of, 3 miles west of McDaniel's ranch, 2.5 miles southwest of Habbey ranch, 60 feet west of road forks, 10 feet north of road; iron post stamped "806"-----	797.946

## Uvalde south 16 miles on Carrizo Springs road.

Uvalde, 8 miles south of, 1.5 miles north of Pulliam's windmill and water hole, on high ridge, under a small mesquite tree, 10 feet west of road; iron post stamped "930"-----	922.319
Uvalde, 16 miles south of, 1.5 miles south of 7D ranch house, 20 feet southwest of gate; iron post stamped "748"-----	740.902

## Uvalde toward Batesville along west side of Leona Creek.

Uvalde, 13 miles southwest of, summit of hill in northwest corner of Piper & Ellis's pasture, 2 miles west of gate on Uvalde and Batesville road; iron post stamped "964"-----	956.608
Uvalde, 16 miles south of, 1.25 miles south of Piper & Ellis's ranch house, rear corner of fence 55 feet east of gate; iron post stamped "763"-----	755.429
Uvalde, 4 miles south of, 10 feet east of gate; iron post stamped "890"-----	882.038
Uvalde, 8.75 miles south of, 10 feet east of road, under large mesquite tree; iron post stamped "864"-----	856.148
Uvalde, 13 miles south of, 1.75 miles north of Piper & Ellis's ranch house, 10 feet east of gate in fence between Piper & Ellis's ranch and 7D ranch; iron post stamped "833"-----	825.172

## Ditch Road from Uvalde to Batesville, Friotown, and Pearsall along east side of Leona Creek.

Uvalde, 6 miles southeast of, 50 feet east of gate; iron post stamped "885"-----	877.093
Uvalde, 11 miles southeast of, 5 feet east of gate at Baylorsville settlement, on S. C. Bennett ranch; iron post stamped "826"-----	817.973
Uvalde, 21 miles southeast of, under tree 10 feet north of Leona Creek crossing; iron post stamped "753"-----	745.147

## Lewis ranch south by Friotown and Pearsall road to Bates ranch.

Uvalde, 18.5 miles southeast of, 1.25 miles northwest of Lewis windmill, under a small mesquite tree 100 feet north of road, 225 feet west of Lewis ranch road; iron post stamped "891"-----	882.500
Uvalde, 25 miles southeast of, 2.5 miles southwest of Burt Hollingsworth's house, in northwest corner of house lot at the old Bates ranch (now Piper & Ellis), on Live Oak Creek; iron post stamped "748"-----	739.909

**Lewis ranch north via Sabinal and Batesville road 6 miles.**

Lewis ranch, south side of Frio River at crossing, in northwest corner of east house lot; iron post stamped "793"-----	Feet. 785.387
Lewis ranch, 4 miles northeast of, 7 miles east of Englemann's ranch house, 60 feet north of intersection of Uvalde-Friotown-Pearsall road; iron post stamped "812"-----	804.090
Lewis ranch on Frio River, 6 miles north of, 3.5 miles south of Dr. Wish's ranch on the San Antonio road, 40 feet north of fork of road to Sabinal; iron post stamped "873"-----	865.42

**Uvalde east along Friotown and Pearsall road to Englemann's.**

Uvalde, 11 miles east of, 0.5 mile north of Englemann's house, 25 feet north of small house on north bank of Frio River; iron post stamped "864"-----	856.092
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**Uvalde east along Sabinal and San Antonio road.**

Uvalde, 2.75 miles east of, 375 feet east of fork of Utopia road, near a large mesquite tree; iron post stamped "958"-----	949.736
Uvalde, 6.5 miles east of, 300 feet east of Frio River at old Moore ranch, 100 feet northeast of house; iron post stamped "917"-----	907.491
Sabinal, 5 miles west of, 200 feet south of W. A. Kelley's ranch house, under small mesquite tree; iron post stamped "931"-----	922.953

**Sabinal to Uvalde along Galveston, Harrisburg & San Antonio Ry.**

Blanco River, in top of coping, north end of rock pier of iron bridge; copper bolt stamped "942"-----	934.437
Uvalde, 12 miles east of, 20 feet east of the Uvalde and Utopia public road crossing, between tenth and eleventh telegraph poles west of mileboard 290; iron post stamped "987"-----	979.337
Mileboard 296, between eighth and ninth telegraph poles east of, on south side of track; iron post stamped "965"-----	956.996
Leona River bridge, in top of coping, north end of east rock pier; copper bolt stamped "937"-----	929.268
Uvalde, in front of station; top of tie-----	928.8
Uvalde, 30 feet east of courthouse; iron post stamped "910"-----	902.135
Uvalde, in rock east side of north entrance to courthouse; bronze tablet stamped "913"-----	905.256

**Agua Fria, Alpine, Chisos Mountains, Marfa, Saratoga Mountain, Shafter, and Terlingua Quadrangles.**

**BREWSTER AND PRESIDIO COUNTIES.**

The elevations in the following list are based on an aluminum tablet in the southeast corner stone of the county courthouse at Marfa, stamped "4695 MARFA," the elevation of which is accepted as 4,695.043 feet above mean sea level. This elevation was determined from Galveston, Harrisburg & San Antonio Railway levels, the height of the top of the rail in front of the station being accepted as 4,689 feet above mean sea level.

The leveling was done by M. S. Bright in 1901 and 1902, except for the greater portion in the Chisos Mountains quadrangle, which was done by Chester Irvine in 1902 and 1903 in cooperation with the University of Texas Mineral Survey.

All permanent bench marks dependent on this datum are stamped with the letters "MARFA" in addition to the figures of elevation. By railroad data a correction of about 9 feet should be added to these elevations to bring them in accord with those at El Paso determined by precise and double-rod primary leveling from San Diego, Cal.

#### MARFA QUADRANGLE.

Marfa south 21.5 miles.

	Feet.
Marfa, in southeast corner stone of county courthouse; aluminum tablet stamped "4695 MARFA"-----	4,695.043
Marfa, at front entrance to Murphy & Walker's brick storehouse; iron post stamped "4689 MARFA"-----	4,688.963
Marfa, 3 miles south of, summit of ridge, east side of road by wire fence; iron post stamped "4628 MARFA"-----	4,628.070
Marfa, 6.8 miles south of, in road forks; iron post stamped "4550 MARFA"-----	4,550.029
Marfa, 10 miles south of, west side of road, at west gate by wire fence; iron post stamped "4480 MARFA"-----	4,480.015
Marfa, 13 miles south of, summit of ridge, east side of road at fence corner; iron post stamped "4324 MARFA"-----	4,324.024
Marfa, 16.25 miles south of, west side of road, 5 feet west of gate post; iron post stamped "4261 MARFA"-----	4,260.947
Marfa, 19.5 miles south of, west side of road, 200 feet south of road crossing; iron post stamped "4198 MARFA"-----	4,198.141
Marfa, 21.5 miles south of, west side of road, in flat; iron post stamped "4114 MARFA"-----	4,114.199

#### SHAFTER QUADRANGLE.

Point 21.5 miles south of Marfa to point 6.25 miles south of Dysart.

Dysart, 7.25 miles north of, west side of road, 900 feet south of forks of same; iron post stamped "4024 MARFA"-----	4,024.148
Dysart, 3.8 miles north of, summit of ridge, west side of road; iron post stamped "3975 MARFA"-----	3,975.120
Dysart, 2 miles north of, summit of ridge, west side of road and 200 feet north of road forks; iron post stamped "3853 MARFA"-----	3,853.003
Dysart, post office (Alamito town), west side of road, at northeast corner of Carlos Aererav's storehouse; iron post stamped "3772 MARFA"-----	3,772.201
Dysart, 2.5 miles south of, in road forks; iron post stamped "3715 MARFA"-----	3,715.246
Dysart, 6.25 miles south of, in small valley, 12 feet west of road, 75 feet east of White Ridge; iron post stamped "3603 MARFA"-----	3,602.923

#### AGUA FRIA QUADRANGLE.

Point 6.25 miles south of Dysart to point 28 miles southeast of Dysart.

Dysart, 9.8 miles south of, 100 feet north of windmill, south side of road by wire fence; iron post stamped "3536 MARFA"-----	3,536.209
Dysart, 13 miles south of, south side of road in mound of stone; iron post stamped "3656 MARFA"-----	3,656.148

Dysart, 16.25 miles southeast of, on flat ridge, 4 feet south of road in mound of stone; iron post stamped "4071 MARFA"-----	Feet. 4, 071. 189
Dysart, 18.8 miles southeast of, 6 feet east of road, 40 feet west of draw, in limestone outcrop; aluminum tablet stamped "4022 MARFA"-----	4, 022. 297
Dysart, 21.8 miles southeast of, 200 feet southwest of water tank, 8 feet west of road; iron post stamped "4133 MARFA"-----	4, 133. 184
Dysart, 25.25 miles southeast of, east foot of hill, west side of road; iron post stamped "4204 MARFA"-----	4, 204. 024
Dysart, 28 miles southeast of, summit of ridge, east side of road in mound of stone; iron post stamped "4496 MARFA"-----	4, 496. 258

## Adobe Walls north to near Neville ranch.

Adobe Walls, 2.25 miles north of, 25 feet west of the Alpine road at summit of flat divide; iron post stamped "3447 MARFA"-----	3, 447. 290
Adobe Walls, 5.5 miles north of, wire fence east and west, west side of road at west gate post; iron post stamped "3360 MARFA"-----	3, 360. 407
Adobe Walls, 8.5 miles north of, west side of road, in open flat, at mail box; iron post stamped "3301 MARFA"-----	3, 301. 368
Adobe Walls, 11.8 miles north of, 10 feet west of road; iron post stamped "3467 MARFA"-----	3, 467. 231
Butcherknife Wells, 11.8 miles south of, west side of road, at foot of hill; iron post stamped "3684 MARFA"-----	3, 684. 245
Butcherknife Wells, 8.5 miles south of, 4 feet west of road, on flat table land; iron post stamped "3849 MARFA"-----	3, 849. 423
Butcherknife Wells, 5.25 miles south of, 0.25 mile south of road forks, on spur of ridge, 8 feet east of road; iron post stamped "3917 MARFA"-----	3, 917. 443
Butcherknife Wells, 2.5 miles south of, east side of road, south side of cluster of mesquite bushes; iron post stamped "3760 MARFA"-----	3, 760. 645
Butcherknife Wells, 790 feet north of windmill and 150 feet east of ranch house, west side of road by wire fence; iron post stamped "3798 MARFA"-----	3, 798. 449
Butcherknife Wells, 3.25 miles north of, 6 feet west of road; iron post stamped "3836 MARFA"-----	3, 836. 474
Butcherknife Wells, 6.25 miles north of, in road forks; iron post stamped "4009 MARFA"-----	4, 009. 460
The Two Windmills, 0.25 mile west of, 8 feet west of road; iron post stamped "4102 MARFA"-----	4, 102. 592
The Two Windmills, 3.25 miles north of, 2 feet east of new road and 4 feet west of old road; iron post stamped "4245 MARFA"-----	4, 245. 557

## At Agua Fria Springs.

Agua Fria Springs, 12 feet north of springs, in limestone outcrop; bronze tablet stamped "3537 MARFA"-----	3, 537. 510
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## TERLINGUA QUADRANGLE.

## Point 28 miles southeast of Dysart to Terlingua.

Dysart, 31.25 miles southeast of, on spur of ridge, 75 feet east of draw and 14 feet east of road; iron post stamped "4262 MARFA"-----	Feet. 4, 262. 449
Dysart, 34.5 miles southeast of, 20 feet east of canyon, 2 feet west of road, in limestone outcrop; bronze tablet stamped "3808 MARFA"-----	3, 808. 174



Terlingua, 20.8 miles northwest of, in Fresno Canyon, about 0.7 mile north of Arroyo Segundo, west side of road, in large limestone bowlder outcrop; bronze tablet stamped "3402 MARFA"-----	Feet. 3, 402. 185
Terlingua, 17.25 miles northwest of, on spur of ridge, 500 feet west of canyon, 20 feet west of road; iron post stamped "3119 MARFA"--	3, 119. 328
Terlingua, 14 miles northwest of, summit of small sharp ridge, 500 feet east of canyon and 75 feet west of road forks, where main road to Terlingua leaves Fresno Creek; iron post stamped "2789 MARFA"-----	2, 789. 104
Terlingua, 11 miles northwest of, summit of sharp ridge, 60 feet west of road forks, south side of road; iron post stamped "2662 MARFA"-----	2, 662. 136
Terlingua, 7.8 miles west of, in draw 60 feet west of channel, 25 feet south of road, in limestone outcrop; bronze tablet stamped "2745 MARFA"-----	2, 745. 168
Terlingua, 5 miles by route south of, 0.65 foot west of canyon, 4 feet east of road, in mound of stone; iron post stamped "2634 MARFA"-----	2, 634. 219
Terlingua, 2.8 miles southeast of, summit of small ridge, 160 feet northeast of road forks, northwest side of road; iron post stamped "2816 MARFA"-----	2, 816. 244
Dewee's mine, in south wall of stone warehouse; aluminum tablet stamped "3201 MARFA"-----	3, 201. 369
Terlingua, in north wall of rock building utilized as post office and store of Marfa Maraposa Mining Co.; bronze tablet stamped "3272 MARFA"-----	3, 272. 449

Dewee's mine east and north to Colquitt-Tigner mine.

Dewee's mine, 2.8 miles east of, in road forks, in limestone outcrop; bronze tablet stamped "3066 MARFA"-----	3, 066. 468
Colquitt-Tigner mines, 125 feet southeast of rock building, in limestone ledge; bronze tablet stamped "3274 MARFA"-----	3, 274. 303

Point near Dewee's mine east and north to Adobe Walls Mountain.

McKinney Bros. mines, 1,200 feet southeast of, east side of draw, north side of road, at forks of same; iron post stamped "2722 MARFA"-----	2, 722. 443
Cigar Springs, 0.8 mile south of, 100 feet east of Alpine road and 15 feet west of Cigar Springs road; iron post stamped "2716 MARFA"-----	2, 716. 375
Cigar Springs, 3.8 miles north of, 10 feet west of road, 30 feet south of draw; iron post stamped "2671 MARFA"-----	2, 671. 308
Alvin Reed ranch (Rock corral), 1.5 miles north of, 400 feet south of road forks, west side of road at foot of hill; iron post stamped "2795 MARFA"-----	2, 795. 373
Alvin Reed ranch, 5 miles north of, 25 feet south of road, at foot of black hill; iron post stamped "3049 MARFA"-----	3, 049. 261
Adobe Walls and Spring, 0.25 mile west of, 15 feet west of road, at foot of small knoll; iron post stamped "3313 MARFA"-----	3, 313. 361

Point near Rock Corral northwest along road to Agua Fria Springs (line run twice).

Agua Fria Springs, 6.25 miles southeast of, 75 feet south of Terlingua Creek, 6 feet south of trail, at northwest corner of rock bluff; iron post stamped "2885 MARFA"-----	2, 885. 388
Agua Fria Springs, 3.25 miles southeast of, north side of draw, east foot of hill, 2 feet south of trail; iron post stamped "3175 MARFA"--	3, 175. 309

## Cigar Springs east to Joe Black Springs.

Cigar Springs, 2.8 miles east of, north side of road, on sharp rock ridge; iron post stamped "2577 MARFA"-----	Feet. 2, 577. 265
Joe Black Springs, 0.25 mile west of, 60 feet north of road, 20 feet west of wire fence, at foot of rock bluff in sandstone rock; aluminum tablet stamped "2661 MARFA"-----	2, 661. 340

## Pena Springs west and southwest to Rio Grande.

Pena Springs, 2 miles west of, summit of small divide, 40 feet north-east of road; iron post stamped "2415 MARFA"-----	2, 415. 611
Dewee's old smelter, 1.8 miles east of, in open flat, 12 feet south of road forks; iron post stamped "2344 MARFA"-----	2, 344. 621
Mexican settlement, 100 feet west of Terlingua Creek and 12 feet west of road, at double cottonwood tree; iron post stamped "2211 MARFA"-----	2, 211. 538

## Rio Grande northwest to point near Terlingua.

Grand Canyon of Santa Helena, mouth of, in forks of Terlingua Creek and the Rio Grande, in rock bench; aluminum tablet stamped "2146 MARFA"-----	2, 146. 630
Grand Canyon, 5 miles north of, in road forks in open flat; iron post stamped "2316 MARFA"-----	2, 316. 624
Grand Canyon, 8.5 miles north of, 10 feet east of road, on side of knoll; iron post stamped "2516 MARFA"-----	2, 516. 771
Grand Canyon of Santa Helena east along road down Rio Grande to Cipriano Hernandez ranch.	

Cipriano Hernandez ranch, 10 feet north of forks of road, 300 yards north of ranch house, in embedded boulder; probably an aluminum tablet (hole was drilled to receive tablet, but there is no record in the Geographical Survey office that tablet has been set)-----	2, 124. 059
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## ALPINE QUADRANGLE.

## Point near Neville ranch north of Alpine.

Neville ranch, 0.5 mile northwest of, 120 feet west of Calamity Creek, 8 feet west of road at foot of hill; iron post stamped "4362 MARFA"-----	4, 362. 557
Neville ranch, 4.25 miles north of, 60 feet south of creek, 6 feet east of road; iron post stamped "4498 MARFA"-----	4, 498. 677
Neville, 7.5 miles north of, 40 feet south of red gate, west side of road by wire fence; iron post stamped "4716 MARFA"-----	4, 716. 453
Neville ranch, 10.5 miles north of, 100 feet east of road, west side of rocky knoll in sandstone outcrop; bronze tablet stamped "4977 MARFA"-----	4, 977. 446
Alpine, 12.5 miles south of, at summit in gap, 12 feet west of road in volcanic outcrop; bronze tablet stamped "5192 MARFA"-----	5, 192. 373
Alpine, 10 miles southeast of, at summit in gap, 25 feet north of road in volcanic rock; bronze tablet stamped "5404 MARFA"-----	5, 404. 225
Alpine, 6.5 miles southeast of, summit in divide, 20 feet northeast of road in limestone outcrop; bronze tablet stamped "5255 MARFA"-----	5, 255. 545

Alpine, 3.5 miles southeast of, in forks of road; iron post stamped "4673 MARFA"-----	Feet. 4, 673. 650
Alpine, at east entrance of county courthouse, in north end of third step; bronze tablet stamped "4476 MARFA"-----	4, 476. 715
<b>Alpine west along Galveston, Harrisburg &amp; San Antonio Ry. to point near Marfa.</b>	
Alpine, 3.8 miles west of, 50 feet north of railroad track, 20 feet south of public road, 5 feet east of gate; iron post stamped "4665 MARFA"-----	4, 665. 663
Toronto, in front of signboard; top of rail-----	4, 735. 2
Alpine, 6.8 miles west of, 30 feet southwest of milepost 616, 20 feet north of public road, in flint rock outcrop; bronze tablet stamped "4820 MARFA"-----	4, 820. 517
Alpine, 9.8 miles west of, 300 feet west of milepost 619, 50 feet north of public road, by wire fence, in sandstone rock; bronze tablet stamped "4964 MARFA"-----	4, 964. 764
Paisano, 1.5 miles west of, 150 feet south of railroad track, 65 feet north of public road, in limestone outcrop; bronze tablet stamped "4999 MARFA"-----	4, 999. 401
Paisano, 4 miles west of, 50 feet south of railroad track, 3 feet south of milepost 626; iron post stamped "4910 MARFA"-----	4, 910. 531
Nopal siding, 100 feet south of track, 10 feet east of gate; iron post stamped "4806 MARFA"-----	4, 806. 728
Marfa, 4 miles east of, 0.25 mile southwest of milepost 632, in road forks; iron post stamped "4813 MARFA"-----	4, 813. 683

**CHISOS MOUNTAINS QUADRANGLE.****Joe Black Springs east to Gano Springs.**

Joe Black Springs, 3.25 miles east of, 100 feet southeast of road and 50 feet southwest of creek, at foot of round hill; iron post stamped "2745 MARFA"-----	2, 745. 447
Joe Black Springs, 6.25 miles east of, 40 feet east of, 40 feet north of road in volcanic rock; aluminum tablet stamped "2901 MARFA"-----	2, 901. 394
Gano Springs, 3.5 miles west of, 40 feet south of road in sandstone outcrop; aluminum tablet stamped "3134 MARFA"-----	3, 134. 302
Gano Springs, 100 feet north of springs and 2,000 feet east of road forks, north side of draw; iron post stamped "3492 MARFA"-----	3, 492. 464

**Gano Springs southwest via the Chimneys to Pena Springs.**

Rock Hut, 1.8 miles south of, flat ridge, 25 feet east of road, in sandstone outcrop; aluminum tablet stamped "3731 MARFA"-----	3, 731. 560
Rock Hut, 5 miles south of, summit of divide, 20 feet east of Smugglers' trail, in flint rock outcrop; aluminum tablet stamped "3842 MARFA"-----	3, 842. 997
Burro Springs, 1 mile southwest of, 20 feet west of road, north bank of draw in boulder outcrop; aluminum tablet stamped "2963 MARFA"-----	2, 963. 489
The Chimneys, 1.5 miles west of, 100 feet southwest of road, in sandstone outcrop on flat ridge; aluminum tablet stamped "2634 MARFA"-----	2, 634. 460

**Gano Springs northeast via Neville Spring and Stroud's mail box to Bone Springs.**

Gano Springs, 4.4 miles northeast of, on ridge 5 feet west of road, 300 feet east of creek; iron post stamped "3504 MARFA 1903"-----	Feet. 3, 504. 420
Gano Springs, 7.4 miles northeast of, 5 feet south of road and about 0.5 mile southwest of red ridge; iron post stamped "3523 MARFA 1903"-----	3, 523. 128
Neville Spring, 4.3 miles west of, at Paint Gap crossroads; iron post stamped "3387 MARFA 1903"-----	3, 386. 873
Neville Spring, 0.4 mile west of, at forks of road, east side of drain; iron post stamped "3293 MARFA 1903"-----	3, 293. 028
Neville Spring, 2.6 miles northeast of, on end of ridge, 40 feet south of road, south bank of creek, 600 feet east of where road leaves creek bed; bronze tablet stamped "2968 MARFA 1903"-----	2, 967. 733
Neville Spring, 5.8 miles northeast of, 20 feet west of road, at summit of low ridge bearing east and west, 600 feet south of pasture gate; iron post stamped "2814 MARFA 1903"-----	2, 813. 827
Neville Spring, 8.5 miles northeast of, junction of Neville Spring, Marathon, and Boquillas-Marathon roads; iron post stamped "2828 MARFA 1903"-----	2, 828. 096

**Stroud's mail box southeast along wagon road via Boquillas to Old Boquillas.**

Stroud's mail box, 4.5 miles south of, 1.5 miles north of old goat ranch, in group of small hills, 30 feet west of road; bronze tablet stamped "2744 MARFA 1903"-----	2, 744. 080
McKinney Spring, 0.25 mile north of, 10 feet north of road; iron post stamped "2947 MARFA 1903"-----	2, 946. 863
McKinney Spring, 2.5 miles east of, north side of road, in cut for roadway, end of ridge; bronze tablet stamped "2994 MARFA 1903"-----	2, 993. 726
McKinney Spring, 5.5 miles southeast of, 10 feet south of road in small saddle, 700 feet south of where road crosses and leaves creek; iron post stamped "2732 MARFA 1903"-----	2, 731. 889
Boquillas, 3 miles north of, in ridge where road leaves creek, 8 feet west of road; bronze tablet stamped "2469 MARFA 1903"-----	2, 468. 903
Boquillas, southeast corner of adobe building, 100 feet northeast of Ernst's store and post office building; bronze tablet stamped "2133 MARFA 1903"-----	2, 133. 204
Boquillas, 1 mile east of, at forks, 6 feet south of road; mark on stone-----	2, 255. 77
Boquillas, 4.31 miles southeast of, at junction of roads in drain; iron post stamped "2029 MARFA 1903"-----	2, 028. 770
Old Boquillas, north side of road, on small ridge, 350 feet west of two old adobe houses; iron post stamped "1873 MARFA 1903"---	1, 873. 103

**Old Boquillas southwest to Big San Vicente Mountain, thence west to Her-  
nandes ranch.**

San Vicente, 1.5 miles northeast of, on west slope of small rocky hill, 10 feet east of road, 350 feet north of road forks, east side of Tor- nillo Creek; iron post stamped "1881 MARFA 1903"-----	1, 880. 773
San Vicente, 1.5 miles west of, 1,600 feet east of junction of roads on summit of ridge, 10 feet north of road, embedded boulder; bronze tablet stamped "1965 MARFA 1903"-----	1, 964. 679

San Vincente, 3.8 miles west of, junction of roads on flat, embedded bowlder 10 feet west of road; bronze tablet stamped "1915 MARFA 1903"-----	Feet. 1, 915. 023
San Vincente, 7.5 miles west of, 120 feet north of road, end of small rock ridge, at junction of drains; bronze tablet stamped "1998 MARFA 1903"-----	1, 997. 833
San Vincente, 10.5 miles west of, 10 feet west of road, 400 yards south of yellow bluff side of drain, embedded bowlder; bronze tablet stamped "2135 MARFA 1903"-----	2, 134. 740
Big San Vincente Mountain, north end of, summit of ridge, 15 feet west of road, in saddle; bronze tablet stamped "2385 MARFA 1903"-----	2, 384. 557
Big San Vincente Mountain, 1 mile west of, 2,000 feet south of, where road comes through small gap, east bank of dry wash, 10 feet west of road, between hills; bronze tablet stamped "2217 MARFA 1903"-----	2, 216. 994
Big San Vincente Mountain, 4 miles west of, on summit of flat ridge, 10 feet south of road; bronze tablet stamped "2325 MARFA 1903"-----	2, 325. 036
Big San Vincente Mountain, 7 miles west of, 1,800 feet east of road forks, slope of small hill in valley, 30 feet south of road; bronze tablet stamped "2138 MARFA 1903"-----	2, 137. 668
Big San Vincente Mountain, 10.5 miles west of, 3 miles east of Alvin Reed's spring, 10 feet north of road, on low ridge, between drains; bronze tablet stamped "2269 MARFA 1903"-----	2, 268. 778
Said Bend of Rio Grande, on end of ridge, west side of mouth of large drain, 30 feet west of road; bronze tablet stamped "2053 MARFA 1903"-----	2, 052. 560
Mexican settlement, 4 miles east of, 1 mile south of 4 blackjacks, south side of drain, 20 feet south of road; bronze tablet stamped "2140 MARFA 1903"-----	2, 139. 434
Mexican settlement, 1 mile east of, 40 feet northwest of forks of road, west bank of large drain, in embedded bowlder; probably a bronze or aluminum tablet-----	2, 086. 434 <sup>1</sup>
Cipriano Hernandez ranch, 6 miles east of, 1 mile north of where road leaves Rio Grande and goes around hills, 10 feet south of road, summit of divide, in embedded bowlder; probably a bronze or aluminum tablet-----	2, 251. 788 <sup>1</sup>
Cipriano Hernandez ranch, 3 miles east of, 20 feet south of road, summit of divide, in embedded bowlder, 1 by 3 by 2, 2 feet in ground; probably a bronze or aluminum tablet-----	2, 134. 431 <sup>1</sup>

## SARATOGA MOUNTAIN QUADRANGLE.

Near Stroud's ranch.

NOTE.—The following three elevations are means of direct and reverse lines.

Stroud's mail box, 1.8 miles north of, 20 feet east of road, on slope of small gravel hill; iron post stamped "2881 MARFA 1903"-----	2, 881. 256
Stroud's lower tank, 1,830 feet north of, 10 feet east of road; iron post stamped "2753 MARFA 1903"-----	2, 753. 011
Bone Springs, about 1 mile south of, 3 miles north of Stroud's lower tank, 20 feet west of road; iron post stamped "2641 MARFA 1903"-----	2, 640. 996

<sup>1</sup> Holes were drilled to receive the tablets for the last three bench marks, but the Survey has no record that the tablets were set.

**Chispa and Van Horn Quadrangles.****EL PASO COUNTY.**

The elevations in the following list were determined by primary leveling extended from Fay, and are based on the elevation of the top of the rail in front of the station at Fay, accepted as 4,010 feet. Several bench marks near Van Horn were redetermined by the Coast and Geodetic Survey in 1911, and their elevations were found to be about 8 feet too low.

The leveling was done by Chester Irvine in 1903, and by Stuart T. Penick in 1905.

**CHISPA QUADRANGLE.**

**Fay, Galveston, Harrisburg & San Antonio Ry. station, across country to Van Horn, Texas & Pacific Ry. station.**

	Feet.
Fay, in front of station signboard; top of rail-----	4,010.0
Fay, west side of gate, 150 feet east of station sign post, 800 feet east of section house; iron post stamped "4007 VAN HN 1903"-----	4,007.332
Cox ranch, 600 feet east of residence, east side of gate; iron post stamped "3948 VAN HN 1903"-----	3,947.779

**VAN HORN QUADRANGLE.**

**Van Horn east along Texas & Pacific Ry. to Plateau.**

Van Horn, in front of Texas & Pacific Ry. station; top of rail-----	4,039.7
Van Horn, 240 feet west of station, 100 feet south of main track, 4 feet south of telegraph pole; iron post stamped "4039 VAN HN 1903" (C. & G. S. unadjusted elevation, 1911, 4,047.915 feet)-----	4,039.353
Van Horn, 3 miles east of, 0.25 mile north of railway, 15 feet north of wagon road, 10 feet south of dry ditch; iron post stamped "3922 VAN HN 1903"-----	3,921.967
Van Horn, 6 miles east of, 700 feet east of milepost 796, 50 feet south of track, 10 feet south of wagon road; iron post stamped "3867 VAN HN 1903" (C. & G. S. unadjusted elevations, 1911, 3,875.380 feet)-----	3,866.928
Wild Horse, in front of section house; top of rail-----	3,844.
Wild Horse, 1 mile east of, 1,400 feet east of milepost 733, 100 feet south of track, 10 feet north of wagon road; iron post stamped "3826 VAN HN 1903" (C. & G. S. unadjusted elevation, 1911, 3,834.385 feet)-----	3,825.857
Wild Horse, 4 miles east of, 1,300 feet east of milepost 730, 60 feet south of track, 10 feet north of wagon road; iron post stamped "3840 VAN HN 1903" (C. & G. S. unadjusted elevations, 1911, 3,848.862 feet)-----	3,840.149
Plateau, 1.5 miles west of, 100 feet south of track, 1,000 feet east of milepost 727; 10 feet north of wagon road; iron post stamped "3889 VAN HN 1903" (C. & G. S. unadjusted elevations, 1911, 3,897.953 feet)-----	3,889.134
Plateau, in front of section house; top of rail-----	3,936.4

## Plateau north along highways via Marley's ranch to Marley tank.

Plateau, 1.5 miles north of, 200 feet west of forks of roads, 100 feet south of tank, 10 feet south of forks of road; iron post stamped	Feet.
"3916 VAN HN 1903"-----	3, 915. 951
Plateau, 4.5 miles north of, 5 feet west of road; iron post stamped	
"3865 VAN HN 1903"-----	3, 865. 147
Marley's ranch, 300 feet north of corral, 300 feet east of residence; iron post stamped "3759 VAN HN 1903"-----	3, 759. 186
Marley's ranch, 2.25 miles north of, forks of road; iron post stamped	
"3779 VAN HN 1903"-----	3, 779. 144
Marley's ranch, 5.8 miles north of, 5 feet east of road to Luckett's camp; iron post stamped "3899 VAN HN 1903"-----	3, 898. 937
Marley's ranch, 8.8 miles north of, junction of Marley's ranch tank road and Old Salt road; iron post stamped "3969 VAN HN 1903"-----	3, 969. 051
Marley's tank, 2,400 feet east of, 15 feet south of Figure 4-Van Horn road; iron post stamped "VAN HN 1903 4148"-----	4, 148. 138

## Marley's tank southwest via Marley lower ranch to Van Horn.

Marley's tank, 2.5 miles west of, 10 feet east of road on summit of small ridge; iron post stamped "3899 VAN HN 1903"-----	3, 899. 132
Marley's lower ranch, 1.8 miles northeast of, 10 feet east of road; iron post stamped "3708 VAN HN 1903"-----	3, 708. 352
Marley's lower ranch, 1.6 miles south of, at forks of road; iron post stamped "3663 VAN HN 1903"-----	3, 663. 116
Marley's lower ranch, 4.6 miles south of, 10 feet east of road; iron post stamped "3715 VAN HN 1903"-----	3, 714. 921
Marley's lower ranch, 7.6 miles south of, 0.5 mile east of small hill, 5 feet east of road; iron post stamped "3833 VAN HN 1903"-----	3, 832. 961
Marley's lower ranch, 11.5 miles south of, 30 feet west of forks of road; iron post stamped "4115 VAN HN 1903"-----	4, 115. 171
Van Horn, 4.4 miles north of, 15 feet east of road; iron post stamped "4081 VAN HN 1903"-----	4, 081. 283
Van Horn, 1.5 miles north of, 200 feet southwest of tank, 5 feet east of road; iron post stamped "4074 VAN HN 1903"-----	4, 074. 172

## Van Horn west along Texas &amp; Pacific Ry. to Allamore, thence north along road via Sulphur and Cannon ranches to Figure 2 ranch.

Van Horn, 3.1 miles west of, 400 feet northeast of Texas & Pacific Ry. milepost 745, 10 feet north of wagon road; iron post stamped "4239 VAN HN 1903" (C. & G. S. unadjusted elevation, 1911, 4,247.567 feet)-----	4, 238. 911
Van Horn, 5.5 miles west of, 1,200 feet northwest of railway trestle 375, 10 feet south of wagon road; iron post stamped "4395 VAN HN 1903" (C. & G. S. unadjusted elevation, 1911, 4,403.829 feet)-----	4, 395.032
Allamore, 20 feet east of section house; iron post stamped "4603 VAN HN 1903" (C. & G. S. unadjusted elevation, 1911, 4,612.283 feet)-----	4, 603. 317
Pump station, southeast corner of fence, 150 feet southwest of well; iron post stamped "4702 VAN HN 1903"-----	4, 701. 635
Millican upper ranch, 0.5 mile north of, forks of road, on flat; iron post stamped "4865 VAN HN 1903"-----	4, 865. 172
Hazel mine, 60 feet east of road, 30 feet southwest of old wooden building; iron post stamped "4906 VAN HN 1903"-----	4, 905. 952

	Feet.
Sulphur ranch, 200 feet north of residence, west side of gate; iron post stamped "4461 VAN HN 1903"-----	4, 461. 304
Sulphur ranch, 2.5 miles north of, 0.25 mile north of old tank, 600 feet north of road forks, 10 feet west of Salt Flat-Van Horn road; iron post stamped "4290 VAN HN 1903"-----	4, 289. 742
Sulphur ranch, 5.5 miles north of, 20 feet east of road, east side of drain; iron post stamped "4048 VAN HN 1903"-----	4, 048. 117
Sulphur ranch, 8.5 miles north of, 10 feet east of road; iron post stamped "3806 VAN HN 1903"-----	3, 806. 178
Sulphur ranch, 11.6 miles north of, 2,400 feet north of road forks, 20 feet east of road, in drain; iron post stamped "3625 VAN HN 1903"-----	3, 625. 138
Sulphur ranch, 14.5 miles north of, 0.5 mile west of large lake, 0.5 mile south of Cannon windmills, 10 feet west of wagon road; iron post stamped "3648 VAN HN 1903"-----	3, 647. 867
Figure 2 ranch, 3.8 miles south of, 0.5 mile west of north end of lake, 10 feet west of wagon road; iron post stamped "3581 VAN HN 1903"-----	3, 581. 211
Figure 2 ranch, 1,200 feet south of windmills, 20 feet west of road, corner of fence; iron post stamped "3585 VAN HN 1903"-----	3, 585. 136

## Salt Lake east to Marley's lower ranch.

Canons double wells, 1.5 miles northwest of, 10 feet north of road; iron post stamped "3579 VAN HN 1903"-----	3, 578. 089
Canons double wells, 2.5 miles east of, summit of small hill on flat, 10 feet west of road; iron post stamped "3622 VAN HN 1903"-----	3, 622. 272
Canons double wells, 5.5 miles east of, 10 feet west of road; iron post stamped "3670 VAN HN 1903"-----	3, 669. 817
Canons double wells, 8.5 miles east of, 10 feet south of road; iron post stamped "3763 VAN HN 1903"-----	3, 762. 873

Point 1.25 miles east of Wild Horse Section House north along Salt Flat road and Valentine road 4 miles, thence west across country to a point 6 miles east of Van Horn.

Wildhorse, 3 miles northeast of, 2.5 miles east of Medley's ranch, 0.8 mile north of crossroads, 20 feet west of Salt Flat-Valentine road; iron post stamped "3763 VAN HN 1905"-----	3, 762. 913
Wildhorse, 4 miles north of, 4 miles west of Salt Flat-Valentine road, 3 miles north of Medley's ranch; iron post stamped "3793 VAN HN 1905"-----	3, 792. 884

Point 3 miles northeast of Wildhorse, north to Medley's lower ranch, thence southeast to Jones's gate, thence southwest to starting point.

Wildhorse, 5.5 miles north of, 2.5 miles south of Medley's lower ranch, 30 feet east of Salt Flat-Valentine road; iron post stamped "3729 VAN HN 1905"-----	3, 729. 189
Medley's lower ranch, 1,200 feet south of house, 20 feet west of Salt Flat road; iron post stamped "3700 VAN HN 1905"-----	3, 700. 487
Medley's lower ranch, 3.25 miles southeast of, 3 miles northwest of Jones's pasture gate; iron post stamped "3726 VAN HN 1905"-----	3, 726. 139
Jones's pasture gate, 12 feet north of, 10 feet east of road; iron post stamped "3782 VAN HN 1905"-----	3, 782. 564
Jones's pasture gate, 3 miles west of, 15 feet north of road; iron post stamped "3782 VAN HN 1905"-----	3, 781. 825



Medley's lower ranch northeast to Bean's ranch, thence west to point 1.5 miles south of Bean's three wells.

Medley's lower ranch, 3 miles north of, 20 feet west of Salt Flat- Valentine road; iron post stamped "3679 VAN HN 1905"-----	Feet. 3, 679. 254
Bean's ranch, 600 feet west of, 10 feet south of road; iron post stamped "3665 VAN HN 1905"-----	3, 664. 790

Point 2 miles east of Canon's double wells southeast to tank, thence east to Bean's pasture gate, thence northeast to Taylor-Salt Flat Road.

Canon's tank, 600 feet south of, in rock; bronze tablet stamped "3641 VAN HN 1905"-----	3, 640. 298
Bean's pasture gate, 20 feet south of, 10 feet southwest of road; bronze tablet stamped "3645 VAN HN 1905"-----	3, 645. 495

Point 5.8 miles east of Canon's double wells north via Canon's new well, foot of mountains, Freeman well and John's well to Figure 2 ranch.

Canon's new well, 600 feet north of; iron post stamped "3669 VAN HN 1905"-----	3, 668. 789
Canon's new well, 3.25 miles east of, 0.5 mile northwest of small hill; iron post stamped "3892 VAN HN 1905"-----	3, 892. 443
Freeman well, 600 feet south of, 300 feet south of road; iron post stamped. "3694 VAN HN 1905"-----	3, 694. 423
Drift wells, 1.25 miles north of, in forks of road; iron post stamped "3664 VAN HN 1905"-----	3, 663. 987
John's well, 2.5 miles southeast of, 0.5 mile east of long, low ridge; iron post stamped "3939 VAN HN 1905"-----	3, 938. 055
John's well, 600 feet north of; iron post stamped "3784 VAN HN 1905"-----	3, 783. 619
Threemile well, 30 feet south of tank, 20 feet north of road; iron post stamped "3644 VAN HN 1905"-----	3, 644. 542

#### Cerro Alto Quadrangle.

##### EL PASO COUNTY.

The elevations in the following list are based upon an elevation at El Paso determined by precise leveling from Yuma, Ariz., and are derived through checked leveling on El Paso quadrangle by the United States Reclamation Service and the Geological Survey.

The leveling was done by M. S. Bright in 1901. It was based on an assumed railroad datum at San Elizario, and the stamped elevations are about 7 feet too low.

#### CERRO ALTO QUADRANGLE.

Point 15 miles east of Clint east 8.5 miles along north Salt Lake road to point near Coyote tanks, thence north 22 miles along dim roads and trails to South Sacramento road, thence east along South Sacramento road and across country 16 miles to saddle at head of draw, thence south 11 miles across country, thence west to Rockhouse draw and southwest down draw to point near Coyote tanks.

San Elizario, 15.7 miles east of, lat. 31° 40'; long. 105° 59'. North side of road in mound of stone; iron post stamped "4162"-----	Feet. 4, 168. 613
San Elizario, 21.5 miles east of, lat. 31° 40'; long. 105° 43'. East side of saddle, south side of road at angle to northeast, in mound of stone; iron post stamped "4523"-----	4, 529. 387

Lat. 31° 43'; long. 105° 51'. West slope of hill, 4 feet east of road,	Feet.
350 feet east of draw, in mound of rock; iron post stamped "4709"	4, 715. 564
Lat. 31° 45'; long. 105° 54'. East side of draw at angle to north-	
west, side of wagon trail, by stone pier; iron post stamped "4984"	4, 990. 743
Lat. 31° 48'; long. 105° 54'. Summit of divide, east side of wagon	
trail; iron post stamped "5147"	5, 155. 916
Lat. 31° 52'; long. 105° 53'. 200 feet east of draw, on point of small	
ridge, S. 45° E. of Cerro Alto Mountain; iron post stamped "5318"	5, 324. 846
Lat. 31° 57'; long. 105° 53'. 4 feet south of South Sacramento	
road east and west, 400 feet west of draw; iron post stamped	
"5266"	5, 272. 819
Lat. 31° 57'; long. 105° 47'. In forks of road; iron post stamped	
"5020"	5, 026. 865
Lat. 31° 56'; long. 105° 43'. At toe of slope, north side of draw;	
iron post stamped "4850"	4, 857. 035
Lat. 31° 56'; long. 105° 40'. Summit of ridge northwest and south-	
east, south about 10° west of Cerro Alamo, in forks of wagon trail;	
iron post stamped "4788"	4, 794. 991
Lat. 31° 54'; long. 105° 37'. Head of draw, summit in gap; iron	
post stamped "4860"	4, 867. 169
Lat. 31° 51'; long. 105° 37'. On ridge, south side of draw, about	
100 feet west of east point of ridge; iron post stamped "4597"	4, 604. 160
Lat. 31° 48'; long. 105° 38'. North side of slope near summit of big	
ridge east and west, 275 feet south of white flag on bush; iron	
post stamped "4686"	4, 693. 351
Lat. 31° 45'; long. 105° 39'. Top of small knoll 50 feet north of small	
draw east, 100 feet south of white flag; iron post stamped "4605"	4, 612. 273
Lat. 31° 47'; long. 105° 43'. Iron post stamped "4890 S E"	4, 896. 841
Lat. 31° 47'; long. 105° 47'. East side of draw north and south at	
gap leading east; iron post stamped "5108"	5, 114. 614
Lat. 31° 43'; long. 105° 49'. East edge of old road north and south;	
iron post stamped "4774"	4, 780. 518
Bench mark marked "4605," lat. 31° 45', long. 105° 39', south to lat.	
31° 34', long. 105° 42'; thence northwest to bench mark "4523," about 3	
miles southwest of Coyote tanks.	
Lat. 31° 41'; long. 105° 40'. Twenty-five feet south of Salt Lakes	
road east and west, north of gap in mountain; iron post stamped	
"4672"	4, 679. 361
Lat. 31° 37'; long. 105° 41'. West side of draw north on bench on	
small spur of ridge, south of Cerro Alamo; iron post stamped	
"5061"	5, 068. 349
Lat. 31° 34'; long. 105° 42'. Summit of flat ridge east and west,	
white flag; iron post stamped "5106"	5, 113. 449
Lat. 31° 35'; long. 105° 45'. Twenty-five feet east of mound of stone	
on edge of high rock bluff, in limestone outcrop; bronze tablet	
stamped "5219"	5, 226. 842
Lat. 31° 35'; long. 105° 48'. West slope of hill, 4 feet north of	
mound of stone, in limestone outcrop; bronze tablet stamped	
"4587"	4, 594. 677
Lat. 35° 36'; long. 105° 51'. Flat draw southwest, east side, on slight	
ridge, north edge of wagon trail; iron post stamped "4331"	4, 338. 747
Lat. 31° 38'; long. 105° 53'. On southeast edge of main draw to	
southwest; iron post stamped "4404"	4, 411. 645

## EL PASO QUADRANGLE.

## EL PASO COUNTY.

The elevations in the following list were determined by primary leveling extended from El Paso, based on an elevation determined by precise leveling. The line from El Paso northeast along the El Paso & Southwestern Railroad of this list is part of a single spur line to Alamogordo, N. Mex. The line from San Elizario east along the Salt Lake road is connected with El Paso by leveling of the Reclamation Service, not included in the list. For additional elevations see precise-level list.

The leveling was done by M. S. Bright in 1901, by Fred McLaughlin in 1907, and by K. W. Trimble in 1909.

## EL PASO QUADRANGLE.

## El Paso north along highway to Newman's ranch.

El Paso, west end lower stone steps, north entrance of city hall; aluminum tablet stamped "3698"-----	Feet. 3,709.607
El Paso, 500 feet north of crossing of El Paso & Southwestern Ry. and Fort Bliss street car line, at road crossing; top of rail-----	3,720.1
Fort Bliss, 0.3 mile northwest of, in northeast corner of Ford's brick saloon; aluminum tablet stamped "3889"-----	3,900.546
Taylor ranch, 30 feet west of road, north of fence, on old railroad grade; iron post stamped "3875"-----	3,886.658
Taylor ranch, 2.2 miles north of, in top step of northeast entrance of two-story ranch house, 400 feet west of road; aluminum tablet stamped "3946"-----	3,957.828
Taylor ranch, 5.2 miles north of, 15 feet west of road, near old reservoir; iron post stamped "4000"-----	4,011.638
Newman's ranch, 1.25 miles south of, in fence corner east of road; iron post stamped "4029"-----	4,040.721

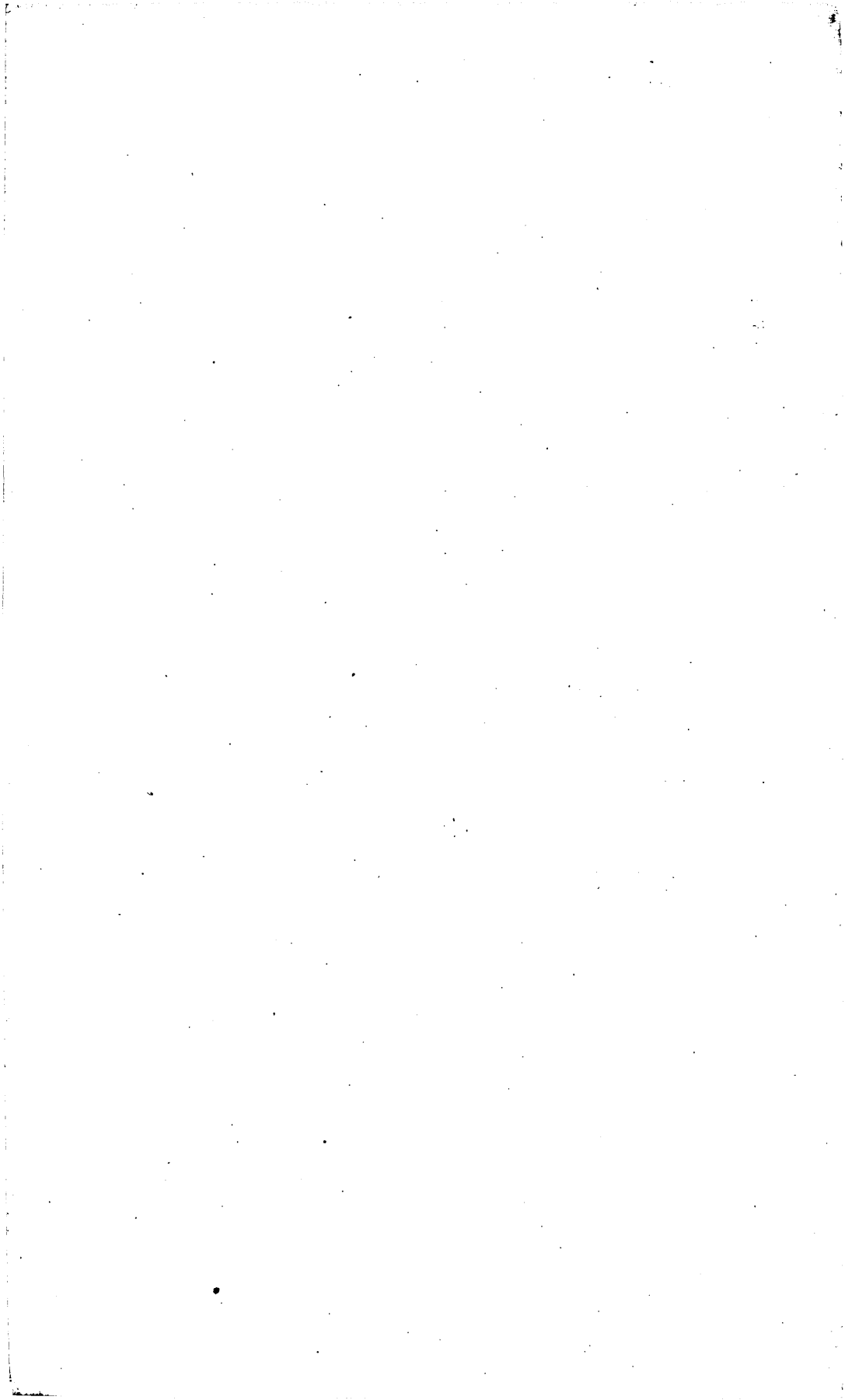
## El Paso northeast along El Paso &amp; Southwestern R. R. to State line (part of single unchecked line to point 10 miles southeast of Alamogordo, N. Mex.).

El Paso, intersection of El Paso & Southwestern R. R. and Mace Avenue; top of rail-----	3,728.3
El Paso, Galveston, Houston & San Antonio Ry. crossing, in north end of switch block; nail marked "3703"-----	3,703.05
El Paso, 3 miles northeast of, at milepost 3, 50 feet west of railroad; iron post stamped "3805"-----	3,804.699
Fort Bliss, south side of water tower; top of bolt marked "3894.9 B.M."-----	3,894.91
Fort Bliss, 1.3 miles northeast of, at milepost 6, 50 feet west of railroad; iron post stamped "3873"-----	3,873.281
Tobin, at milepost 9, 50 feet west of railroad; iron post stamped "3899"-----	3,898.501
Franklin, 0.2 mile southwest of, at milepost 12, 50 feet west of railroad; iron post stamped "3919"-----	3,919.382

Newman, N. Mex., 4 miles southwest of, at milepost 15, 50 feet west of El Paso & Southwestern R. R.; iron post stamped "3982"-----	Feet. 3,981.900
Newman, N. Mex., 1 mile southwest of, at milepost 18, 50 feet west of railroad; iron post stamped "4000"-----	3,999.907
Texas-New Mexico boundary line, opposite line post; top of rail----	3,999.727

Clint post office (near San Elizario) east along North Salt Lake Road 15 miles to elevation of 4,100 feet.

Clint, northwest corner of post-office building; iron post stamped "3625 SE"-----	3,631.615
Clint, in front of station; top of rail-----	3,634.2
Clint, 4.75 miles east of, in road forks; iron post stamped "3993 SE"-----	3,999.825
Clint, 10.5 miles east of, 400 feet west of angle in road to southeast, north side of road; iron post stamped "4039 SE"-----	4,045.577



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