



## Geodetic Control Station Page 1

<b>Location:</b> Lonnie Lane <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU5561688027 MON 1
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU5561688027	<b>Northing (Grid):</b> 10203667.641
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3554539.403
<b>Marker:</b> 18' of Alum. Rod to Refusal	<b>Elevation:</b> 308.913'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999064257
<b>Latitude:</b> 30°35'51.09963"N	<b>Elevation Factor:</b> 0.99998944
<b>Longitude:</b> 96°20'02.54418"W	<b>Combined Factor:</b> 0.99989587
<b>Ellipsoid Height:</b> 221.197	<b>Convergence:</b> 2°03'36"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located in Wayne Smith Youth Baseball Field. The point is on the north side of Lonnie Lane approximately 200 feet east of Wellborn Rd., 4.4 feet southeast of the northeast corner of concrete curb inlet, 3.9 feet north of corner of concrete riprap, 1.5 feet south of back of curb and 62.5 feet southwest of a light pole.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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## Geodetic Control Station Page 2

<b>Location:</b> Lonnie Lane	<b>Station Name:</b>
<b>Project No.:</b> 109158	14RQU5561688027 MON 1

### Station Sketch

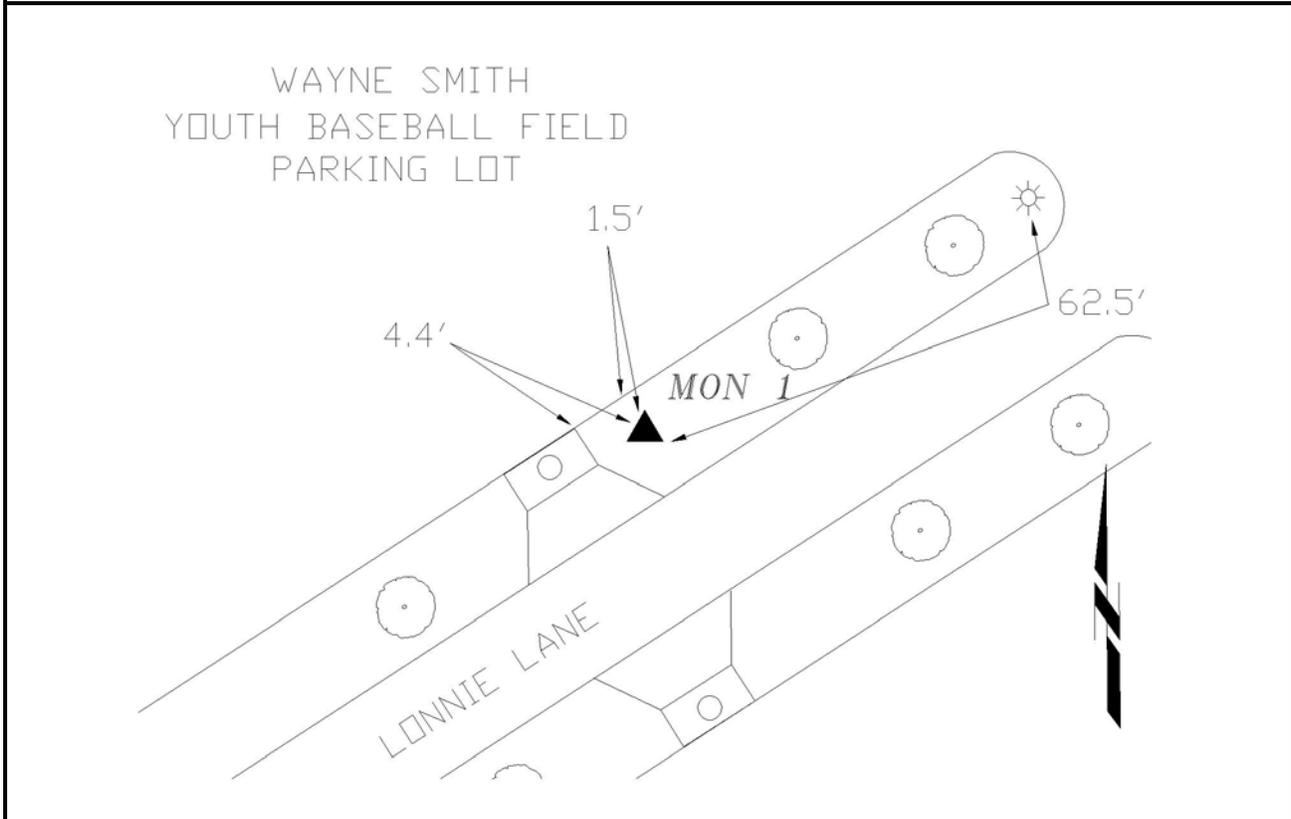


Photo 1 – Station Detail



Photo 2 – Station Area Picture



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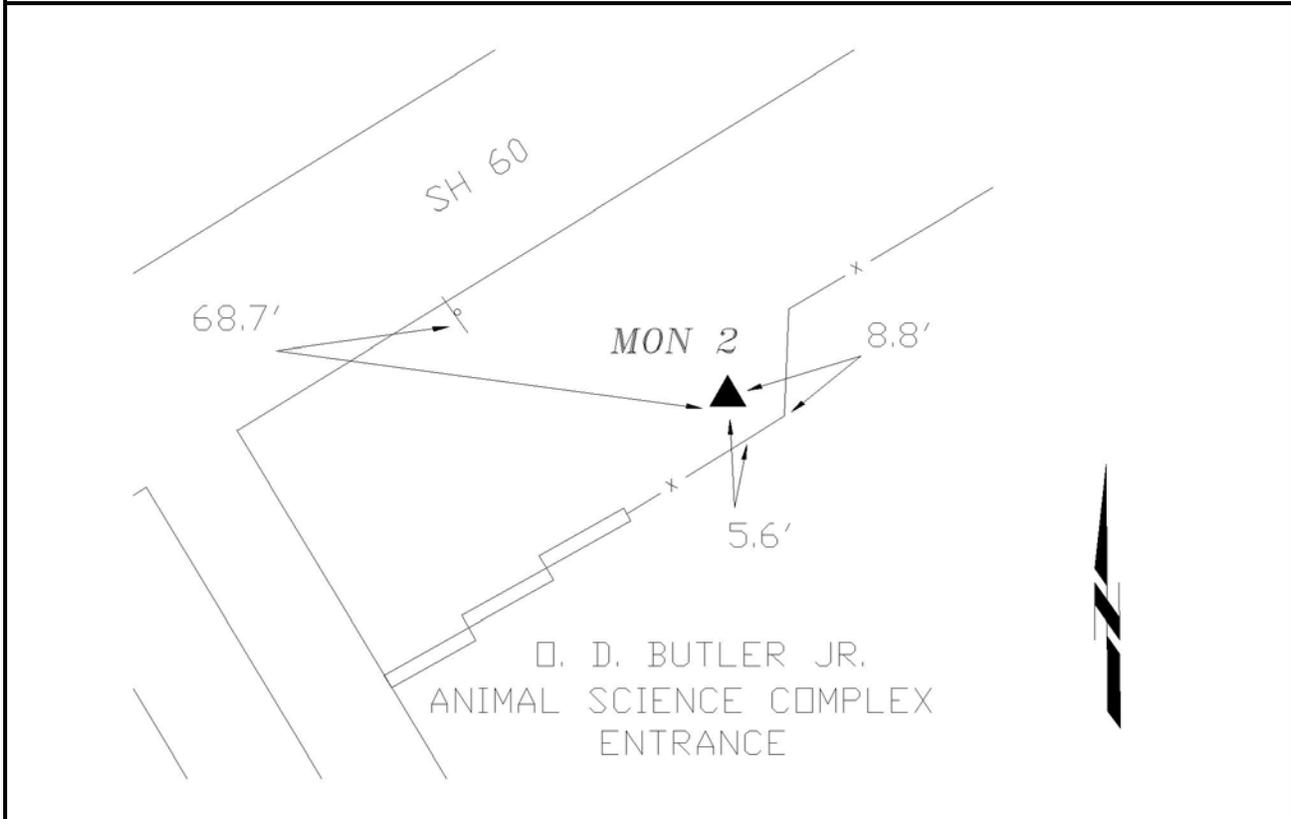
## Geodetic Control Station Page 1

<b>Location:</b> FM 60 <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU4823983970 MON 2
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU4823983970	<b>Northing (Grid):</b> 10190067.183
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3530514.478
<b>Marker:</b> 21' of Alum. Rod to Refusal	<b>Elevation:</b> 275.741'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999108884
<b>Latitude:</b> 30°33'45.02407"N	<b>Elevation Factor:</b> 0.99999102
<b>Longitude:</b> 96°24'42.76722"W	<b>Combined Factor:</b> 0.99990191
<b>Ellipsoid Height:</b> 188.053	<b>Convergence:</b> 2°01'11"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located on the south side of FM 60 approximately 300 feet southwest of Vincent Rd. and 170 feet northeast of the entrance to O. D. Butler Jr Animal Science Complex of Texas A&amp;M University. The point is 8.8 feet west of a fence corner, 5.6 feet north of fence line and 68.7 feet southeast of a highway traffic sign post.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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<b>Location:</b> FM 60	<b>Station Name:</b> 14RQU4823983970 MON 2
<b>Project No.:</b> 109158	

**Station Sketch**



**Photo 1 – Station Detail**



**Photo 2 – Station Area Picture**





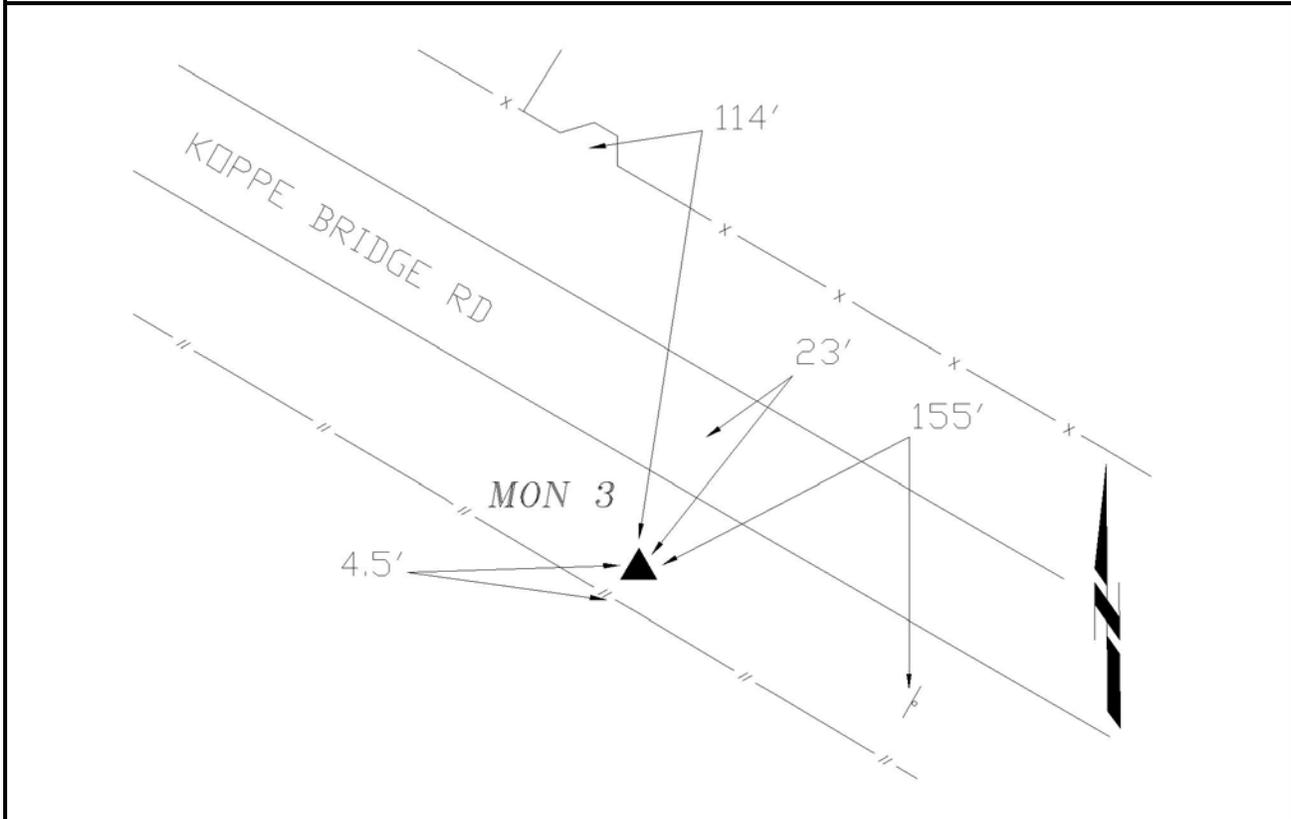
## Geodetic Control Station Page 1

<b>Location:</b> Koppe Bridge Rd. <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU5456079793 MON 3
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU5456079793	<b>Northing (Grid):</b> 10176625.263
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3551408.169
<b>Marker:</b> 29' of Alum. Rod to Refusal	<b>Elevation:</b> 222.381'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999162905
<b>Latitude:</b> 30°31'24.70224"N	<b>Elevation Factor:</b> 0.99999359
<b>Longitude:</b> 96°20'49.43691"W	<b>Combined Factor:</b> 0.99990988
<b>Ellipsoid Height:</b> 134.292	<b>Convergence:</b> 2°03'11"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located on the west side of Koppe Bridge Rd. approximately 0.4 miles southeast of Hopes Creek Meadow circle. The point is 23 feet southwest of centerline of road, 4.5 feet northeast of wooden fence line, 114 feet south of centerline of pasture entrance road and 155 feet northwest of a traffic curve ahead warning sign post.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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<b>Location:</b> Koppe Bridge Rd.	<b>Station Name:</b> 14RQU5456079793 MON 3
<b>Project No.:</b> 109158	

**Station Sketch**



**Photo 1 – Station Detail**



**Photo 2 – Station Area Picture**





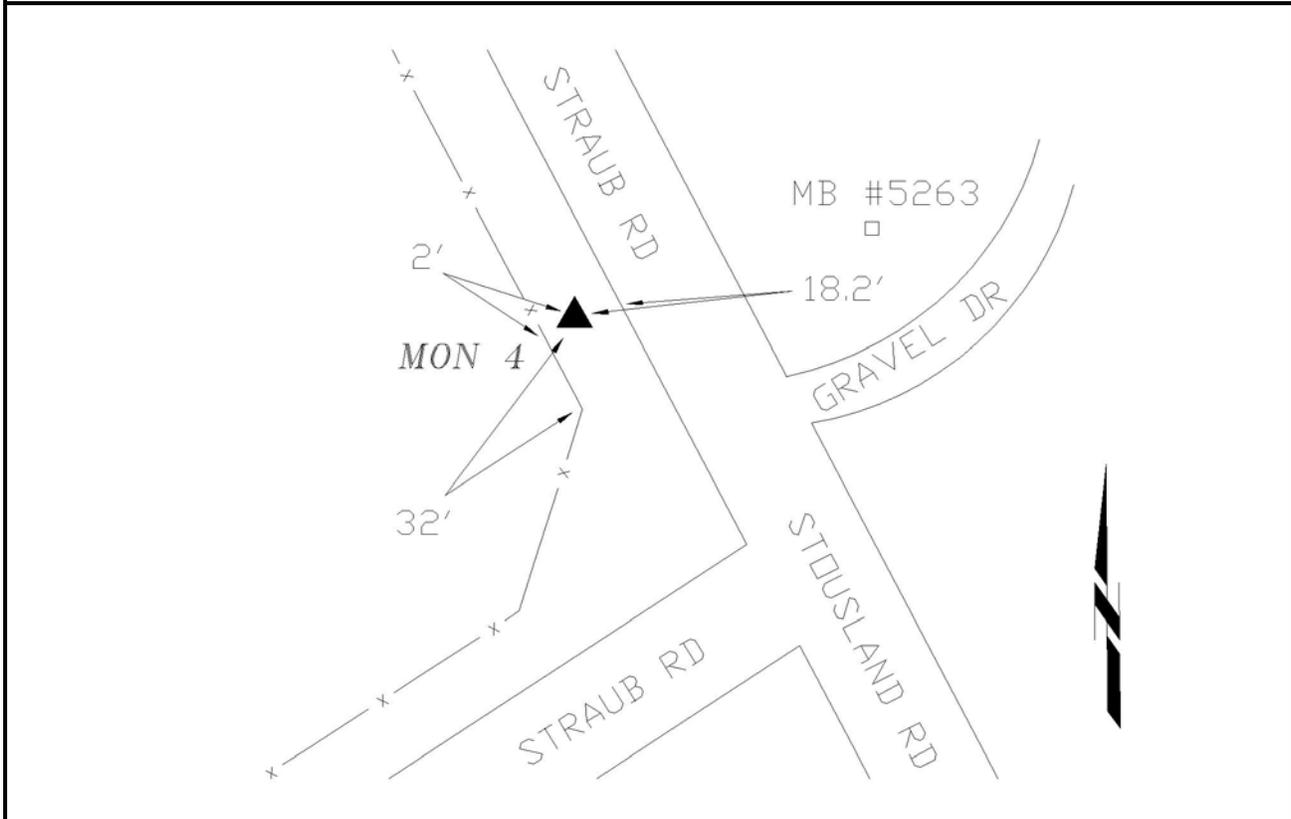
## Geodetic Control Station Page 1

<b>Location:</b> Straub Rd. <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU5945778027 MON 4
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU5945778027	<b>Northing (Grid):</b> 10171032.038
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3567536.952
<b>Marker:</b> 6' of Alum. Rod to Refusal	<b>Elevation:</b> 286.558'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999187853
<b>Latitude:</b> 30°30'23.61692"N	<b>Elevation Factor:</b> 0.99999054
<b>Longitude:</b> 96°17'47.46431"W	<b>Combined Factor:</b> 0.99990932
<b>Ellipsoid Height:</b> 198.217	<b>Convergence:</b> 2°04'45"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located at the northwest corner of Straub and Stousland Rd. intersection across from mailbox #5263. The point is 18.2 feet west of west edge of asphalt, 2 feet east of fence line and 32 feet northeast of fence corner post.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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<b>Location:</b> Straub Rd.	<b>Station Name:</b> 14RQU5945778027 MON 4
<b>Project No.:</b> 109158	

**Station Sketch**



**Photo 1 – Station Detail**



**Photo 2 – Station Area Picture**





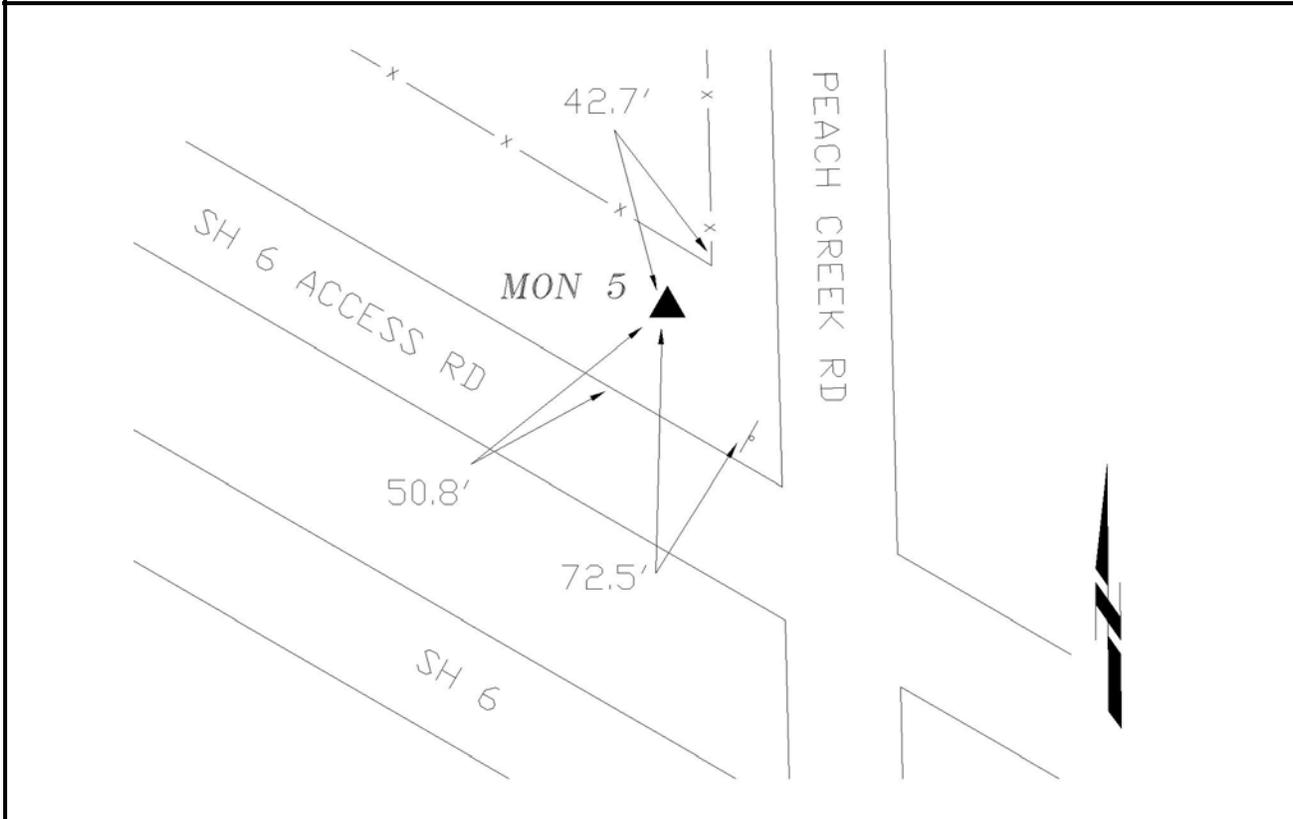
## Geodetic Control Station Page 1

<b>Location:</b> SH 6 <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU6894478249 MON 5
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU6894478249	<b>Northing (Grid):</b> 10172144.509
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3598634.493
<b>Marker:</b> 20' of Alum. Rod to Refusal	<b>Elevation:</b> 202.726'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999187978
<b>Latitude:</b> 30°30'23.31672"N	<b>Elevation Factor:</b> 0.99999456
<b>Longitude:</b> 96°11'51.73491"W	<b>Combined Factor:</b> 0.99991335
<b>Ellipsoid Height:</b> 114.034	<b>Convergence:</b> 2°07'48"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located at the northwest corner SH 6 and Peach Creek Rd. The point is 42.7 feet southwest of fence corner post, 50.8 feet north of north edge of asphalt of access road and 72.5 feet northwest of a "FM 159 West" sign post.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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<b>Location:</b> SH 6	<b>Station Name:</b> 14RQU6894478249 MON 5
<b>Project No.:</b> 109158	

**Station Sketch**



**Photo 1 – Station Detail**



**Photo 2 – Station Area Picture**





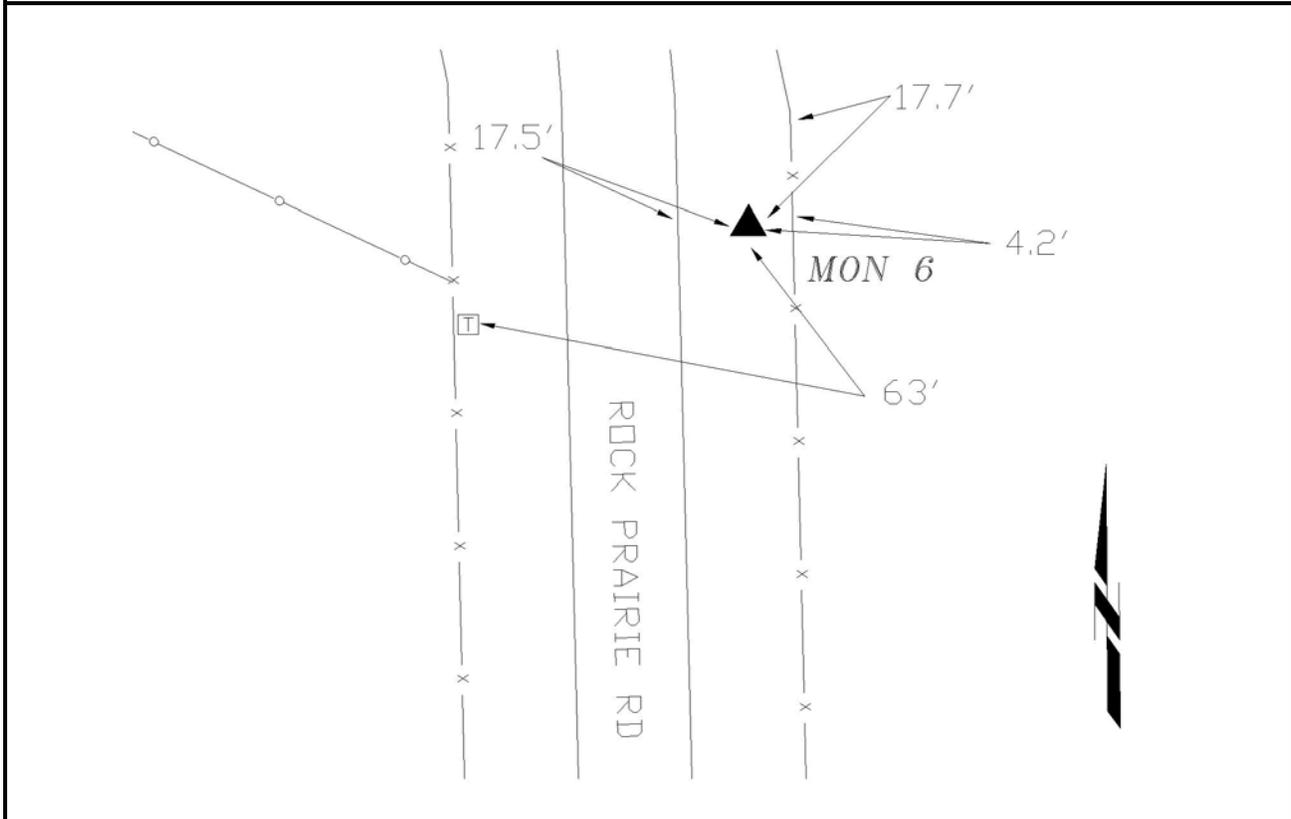
## Geodetic Control Station Page 1

<b>Location:</b> Rock Prairie Rd. <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU6993683758 MON 6
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU6993683758	<b>Northing (Grid):</b> 10190245.511
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3601664.723
<b>Marker:</b> 19.5' of Alum. Rod to Refusal	<b>Elevation:</b> 199.261'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999117714
<b>Latitude:</b> 30°33'21.25102"N	<b>Elevation Factor:</b> 0.99999471
<b>Longitude:</b> 96°11'09.40483"W	<b>Combined Factor:</b> 0.99990648
<b>Ellipsoid Height:</b> 110.799	<b>Convergence:</b> 2°08'10"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located on the east side of Rock Prairie Rd. approximately 0.2 miles north of Sulphur Springs Rd. The point is 4.2 feet west of fence line, 17.5 feet east of east edge of asphalt, 17.7 feet southwest of fence PI and 63 feet northeast of a telephone pedestal.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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<b>Location:</b> Rock Prairie Rd.	<b>Station Name:</b> 14RQU6993683758 MON 6
<b>Project No.:</b> 109158	

**Station Sketch**



**Photo 1 – Station Detail**



**Photo 2 – Station Area Picture**





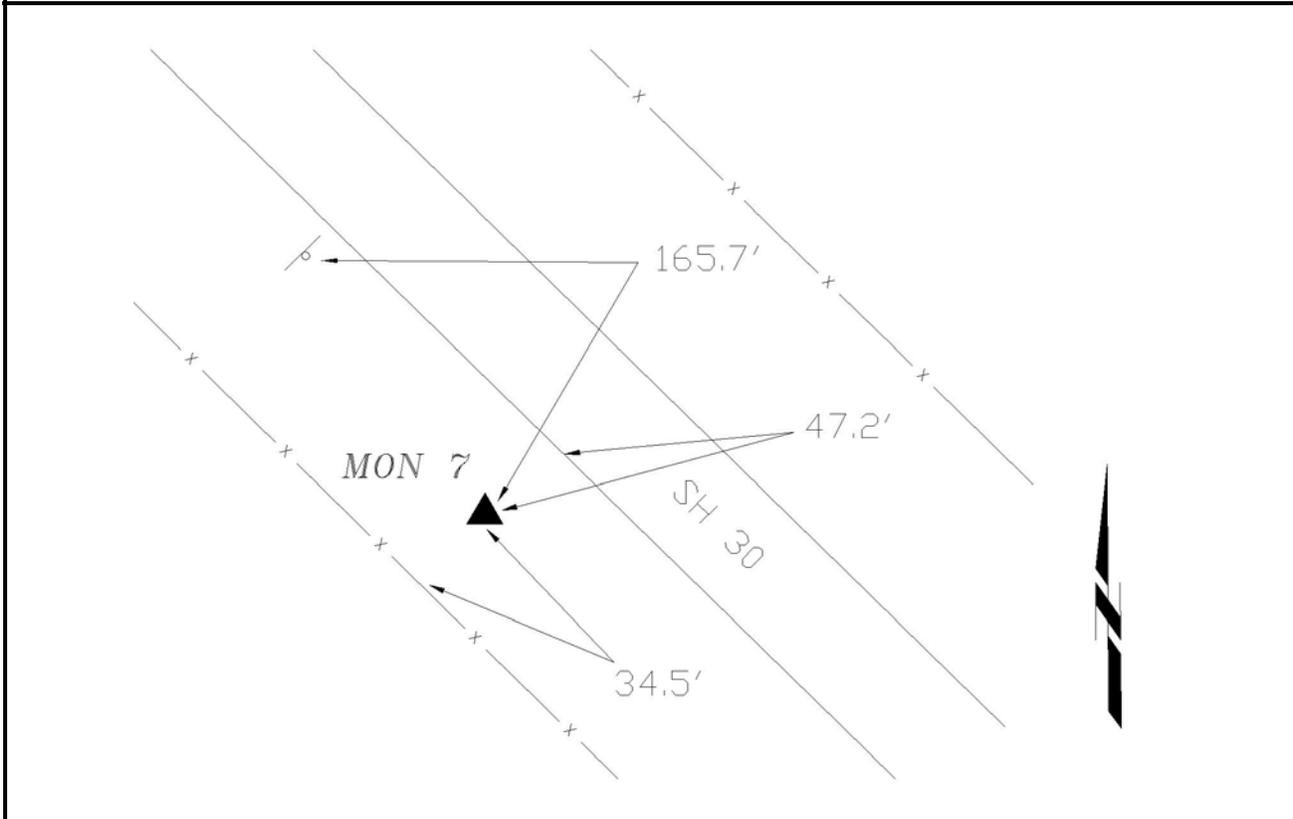
## Geodetic Control Station Page 1

<b>Location:</b> SH 30 <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU6815490873 MON 7
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU6815490873	<b>Northing (Grid):</b> 10213503.475
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3595535.521
<b>Marker:</b> 24' of Alum. Rod to Refusal	<b>Elevation:</b> 230.518'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999037068
<b>Latitude:</b> 30°37'13.57004"N	<b>Elevation Factor:</b> 0.9999932
<b>Longitude:</b> 96°12'09.58486"W	<b>Combined Factor:</b> 0.99989691
<b>Ellipsoid Height:</b> 142.461	<b>Convergence:</b> 2°07'39"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located on the south side of SH 30 approximately 0.1 mile southeast of William D. Finch Pkwy. The point is 47.2 feet southwest of the west edge of asphalt, 34.5 feet northeast of fence line and 165.7 feet southeast of traffic warning sign "Shoulder Ends 500 Feet".</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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<b>Location:</b> SH 30	<b>Station Name:</b> 14RQU6815490873 MON 7
<b>Project No.:</b> 109158	

**Station Sketch**



**Photo 1 – Station Detail**



**Photo 2 – Station Area Picture**





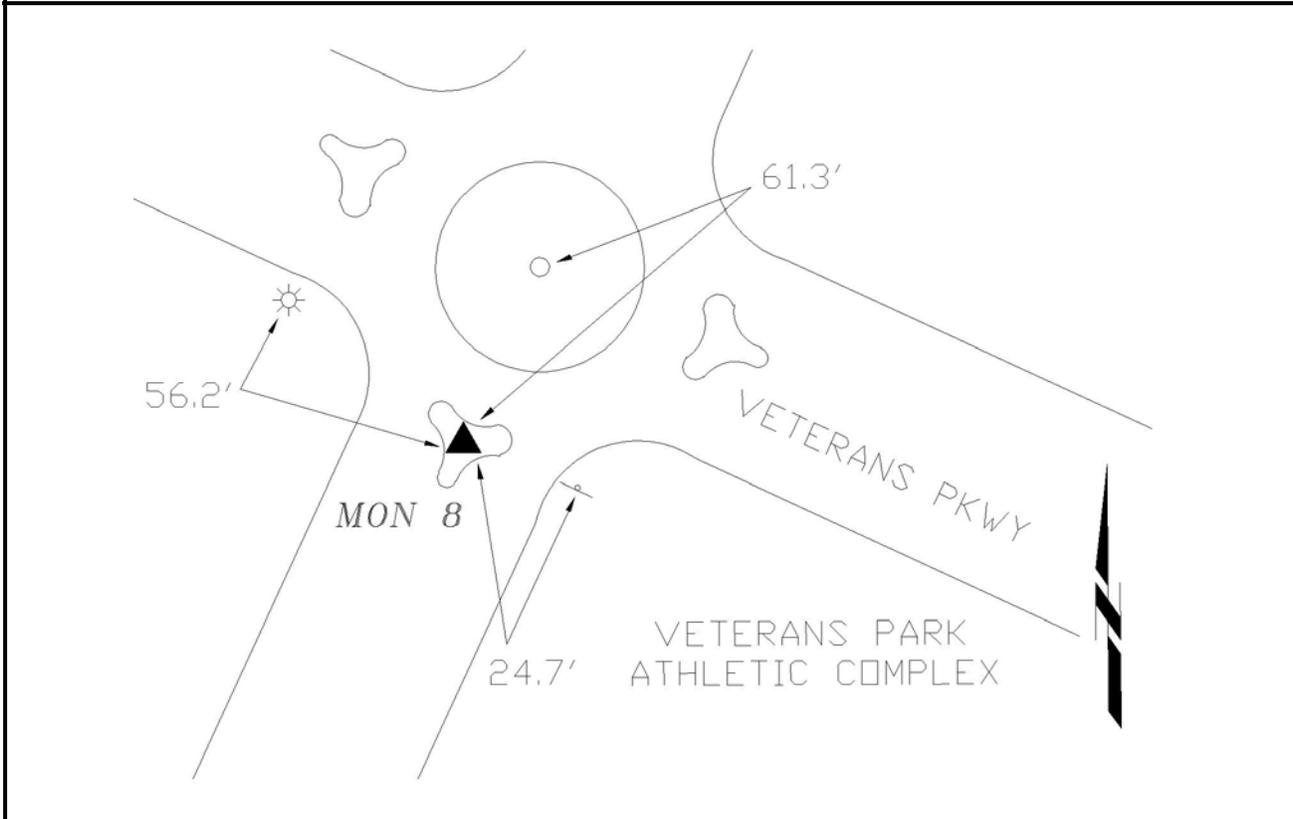
## Geodetic Control Station Page 1

<b>Location:</b> Vetrans Pkwy. <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU5928592939 MON 8
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU5928592939	<b>Northing (Grid):</b> 10219921.949
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3566373.632
<b>Marker:</b> 36' of Alum. Rod to Refusal	<b>Elevation:</b> 264.288'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999013993
<b>Latitude:</b> 30°38'27.65820"N	<b>Elevation Factor:</b> 0.99999156
<b>Longitude:</b> 96°17'40.46723"W	<b>Combined Factor:</b> 0.99989296
<b>Ellipsoid Height:</b> 176.665	<b>Convergence:</b> 2°04'49"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located in Veterans Park Athletic Complex on the most southerly brick island south of the City of College Station flag pole. The point is approximately 0.15 mile northwest of Veterans Pkwy. and Harvey Rd. intersection, 24.7 feet northwest of a "Yield" sign post, 56.2 feet southeast of a light pole and 61.3 feet southwest of flag pole.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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<b>Location:</b> Vetrans Pkwy.	<b>Station Name:</b> 14RQU5928592939 MON 8
<b>Project No.:</b> 109158	

**Station Sketch**



**Photo 1 – Station Detail**



**Photo 2 – Station Area Picture**





## Geodetic Control Station Page 1

<b>Location:</b> Rock Prairie Rd. <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU6340886498 MON 9
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU6340886498	<b>Northing (Grid):</b> 10198966.934
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3580149.79
<b>Marker:</b> 15' of Alum. Rod to Refusal	<b>Elevation:</b> 269.52'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999083518
<b>Latitude:</b> 30°34'55.39584"N	<b>Elevation Factor:</b> 0.99999134
<b>Longitude:</b> 96°15'11.66290"W	<b>Combined Factor:</b> 0.99989969
<b>Ellipsoid Height:</b> 181.455	<b>Convergence:</b> 2°06'05"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located in a planter area on the north side of the College Station Forestry Building, #7090 Rock Prairie Rd. The point is 63 feet north of the northeast corner of the building, 3.5 feet north of back of curb, 32 feet south of a 3 inch diameter Cypress tree and 83.6 feet west of entrance sign to facility.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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## Geodetic Control Station Page 2

<b>Location:</b> Rock Prairie Rd.	<b>Station Name:</b>
<b>Project No.:</b> 109158	14RQU6340886498 MON 9

### Station Sketch

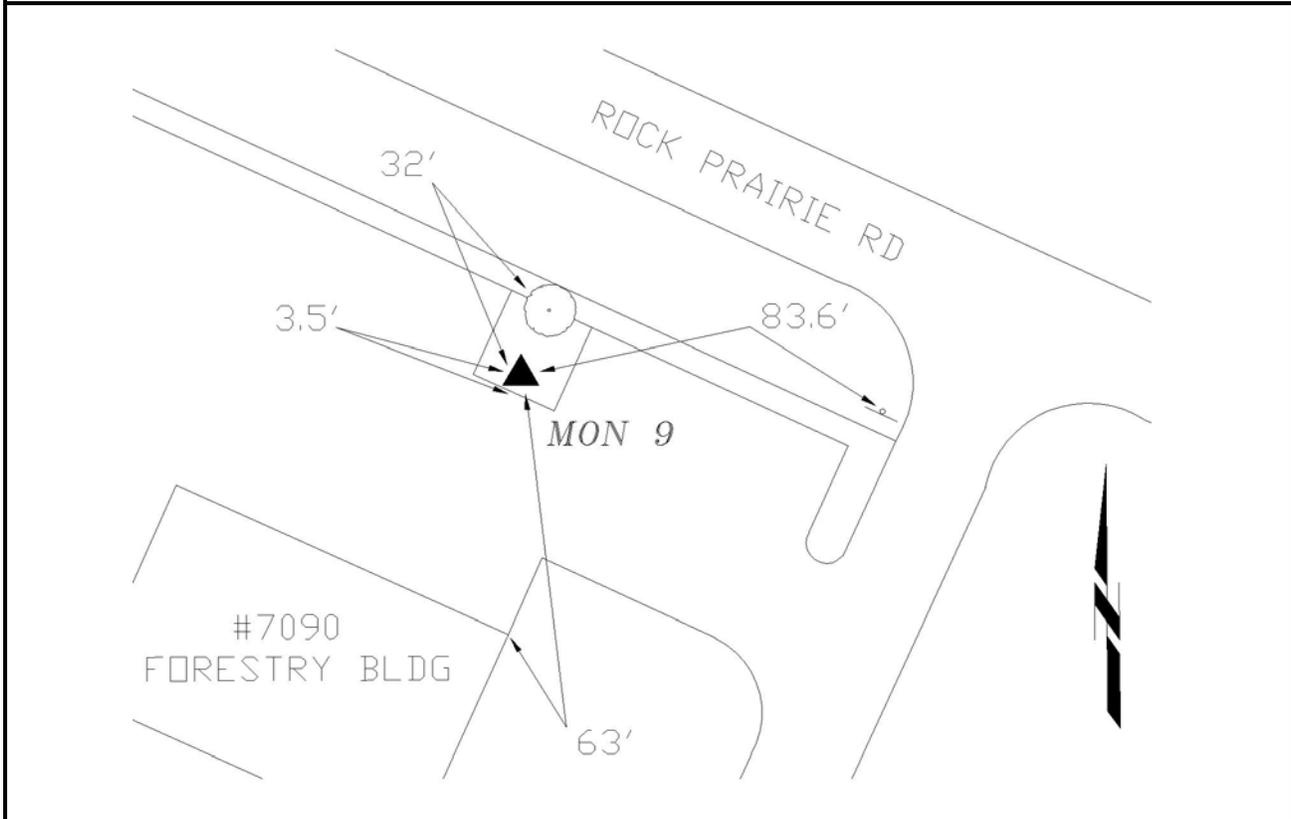


Photo 1 – Station Detail

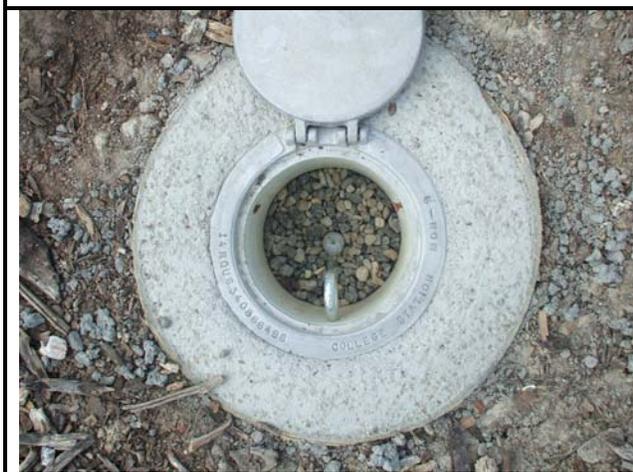


Photo 2 – Station Area Picture



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## Geodetic Control Station Page 1

<b>Location:</b> Keefer Loop <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU5741485064 MON 10
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU5741485064	<b>Northing (Grid):</b> 10194022.889
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3560554.954
<b>Marker:</b> 15' of Alum. Rod to Refusal	<b>Elevation:</b> 308.385'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.9999098464
<b>Latitude:</b> 30°34'13.54687"N	<b>Elevation Factor:</b> 0.99998947
<b>Longitude:</b> 96°18'57.73986"W	<b>Combined Factor:</b> 0.99989932
<b>Ellipsoid Height:</b> 220.464	<b>Convergence:</b> 2°04'09"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located at the north end of cul-de-sac of Keefer Loop approximately 0.15 mile northwest of Rock Prairie Rd. The point is 7.3 feet east of the centerline of a storm sewer manhole of curb inlet, 39 feet northwest of multiple metal mailboxes and 14 feet south of centerline of concrete storm drain headwall.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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# Geodetic Control Station Page 2

<b>Location:</b> Keefer Loop	<b>Station Name:</b>
<b>Project No.:</b> 109158	14RQU5741485064 MON 10

### Station Sketch

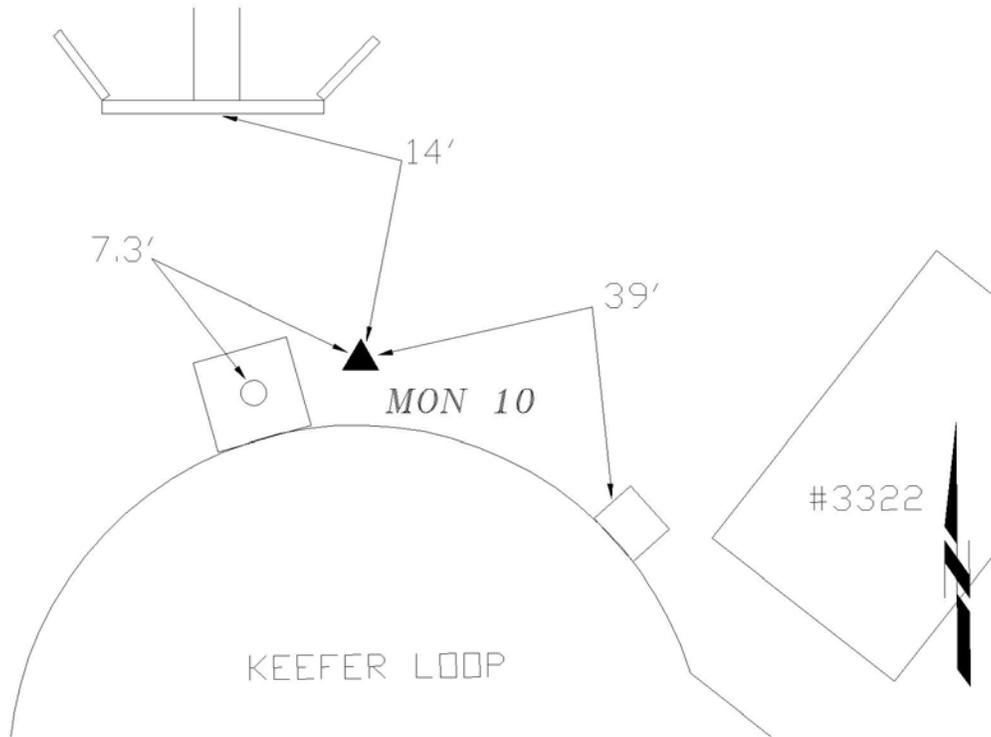


Photo 1 – Station Detail



Photo 2 – Station Area Picture



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## Geodetic Control Station Page 1

<b>Location:</b> Gateway Blvd. <b>Project No.:</b> 109158	<b>Station Name:</b> 14RQU6391183197 MON 11
<b>County:</b> Brazos <b>State:</b> TX <b>Quality Level of Survey:</b> Tx DOT Level 2	<b>Established By:</b> CDS/Muery Services <b>Date Established:</b> April, 2010
<b>Intervisible Stations:</b> N/A <b>Units of Measure:</b> US Survey Feet	<b>Survey Method Horizontal:</b> GPSOBS <b>Survey Method Vertical:</b> GPSOBS
<b>Horizontal Datum:</b> NAD 83 <b>Horizontal Adjustment:</b> CORS <b>Projection Zone:</b> Texas Central 4203	<b>Vertical Datum:</b> NAVD <b>Vertical Adjustment:</b> 1988 <b>Geoid Model Used:</b> GEOID09
<b>Mark Logo:</b> Access Cover	<b>NGS PID (If applic.):</b> N\A
<b>Stamping:</b> 14RQU6391183197	<b>Northing (Grid):</b> 10188165.438
<b>Condition:</b> Good	<b>Easting (Grid):</b> 3581934.102
<b>Marker:</b> 9' of Alum. Rod to Refusal	<b>Elevation:</b> 283.664'
<b>Stability:</b> B	<b>Scale Factor:</b> 0.999912273
<b>Latitude:</b> 30°33'07.89997"N	<b>Elevation Factor:</b> 0.99999067
<b>Longitude:</b> 96°14'55.79912"W	<b>Combined Factor:</b> 0.99990294
<b>Ellipsoid Height:</b> 195.42	<b>Convergence:</b> 2°06'14"
<b><u>To Reach Description</u></b>	
<p>The monument is a 3/4" aluminum rod driven to refusal within an aluminum access cover located in the grass median of Gateway Blvd., just past the granite entrance to "The Business Center at College Station". The point is 40.5 east of a fire hydrant, 74 feet south of a light pole, 18.2 feet west of a 6 inch Live Oak tree, 10.6 feet to north edge of planter and 3.4 feet east of back of curb.</p>	
<p><b>Notes:</b> The vertical for this project was observed and adjusted to NGVD29 benchmarks. The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height. This is the method used by NGS for all NAVD88 heights for Brazos County.</p>	

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## Geodetic Control Station Page 2

<b>Location:</b> Gateway Blvd.	<b>Station Name:</b>
<b>Project No.:</b> 109158	14RQU6391183197 MON 11

### Station Sketch

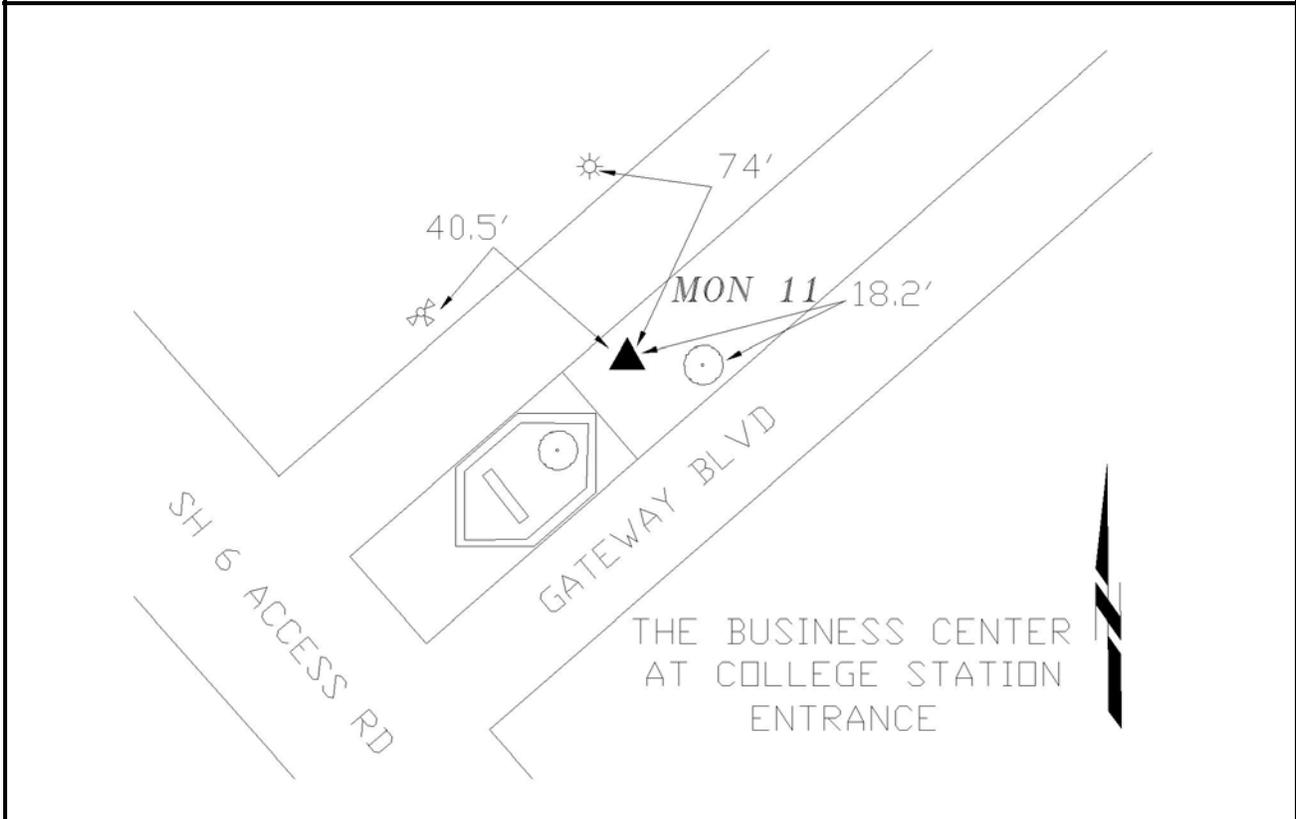


Photo 1 – Station Detail



Photo 2 – Station Area Picture



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