



Region 1
Address: 18500 E. Colfax Ave.
Aurora, CO 80011
Phone: (303) 757-9744

Survey Unit:

Sheet Revisions

mm/yy	xxxxx	xxx

US HIGHWAY 6 MP 259.2 to MP 271.6

SITUATE IN

SEC. 32 & 33, T. 3 S., R. 70 W., SEC. 6, T. 4 S., R. 70 W.,
SEC. 32, 33, 34, 35 & 36, T. 3 S., R. 71 W.,
SEC. 2, 3, 5 & 6, T. 4 S., R. 71 W.,
SEC. 35 & 36, T. 3 S., R. 72 W., SEC. 1, T. 4 S., R. 72 W.,
ALL BEING IN THE 6TH PRINCIPAL MERIDIAN,
CLEAR CREEK COUNTY, COLORADO

Survey Control Diagram

Title Sheet

Project Number: BR 0061-073				
Project Location: US 6 CLEAR CREEK - ELK CREEK				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13961	00-00-00	XXX of XXX	1	10

Prepared By:



MOUNTAIN SURVEYING &
MAPPING, INC.

8751 E. HAMPDEN AVE. SUITE B-
DENVER, COLORADO 80231
(303) 306-1858



Typical Control
Monument Cap
Not to Scale

BASIS OF BEARING: All bearings are grid bearings of the Colorado State Plane Coordinate System, Central Zone, North American Datum 1983/92. The basis of grid bearing is the line between NSRS horizontal stations "FOUR" a horizontal control disk set in the abutment of a bridge and "THREE" a horizontal control disk set in a rock outcropping. That bearing being S82° 36' 11"E.

BASIS OF ELEVATIONS: Project is based on an elevation of 5717.85 ft at NSRS benchmark L 407. Control points from milepost 264.5 to milepost 271.6 were tied in by means of running a closed bench loop. Control points from milepost 259.25 to milepost 261.75 are based on GPS derived heights.

COORDINATE DATUM: Project coordinates are modified Colorado State Plane Coordinate System, Central Zone, North American Datum 1983/92 coordinates. The combined elevation scale factor was calculated on a previous CDOT project and is 1.000350925. The modified metric values were converted to US Survey Feet by (3937/1200). The north values were truncated by 1,000,000 and the east values were truncated by 2,000,000.



CP - Control Point Monuments set by CDOT. They were CDOT type 2 monuments, a 3-1/4" dia. aluminum control monument cap (as shown) on a 3' X 3/4" dia. finned aluminum security rod on a 3' X 3/4" dia. smooth aluminum rod.

NOTE: This control survey is for the use of the Colorado Department of Transportation personnel. The survey is not a complete Boundary Survey. Title Policy, Title Commitment, and Title Research were not part of this control survey, therefore, easements, rights, and restrictions of record are not shown. The verification of the physical evidence with relation to easements, rights of way, property boundaries, and restriction, as described in the instruments of record, were not included in this control survey.

NOTE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the statement shown.

NOTE: No guarantee as to the accuracy of the information contained on the attached drawing is either stated or implied unless this copy bears an original signature of the professional land surveyor hereon named.

SURVEYORS STATEMENT: I, Kevin C. Hoffman, a Professional Land Surveyor in the State of Colorado, hereby state that this Control Survey Diagram was prepared under my direct supervision this _____ day of _____, from a field survey performed under my supervision and checking for and on behalf of the Department of Transportation, State of Colorado, and is not a Land Survey Plat or Right-of-Way Survey Plat and to the best of my knowledge and belief this control survey, as shown, meets the minimum horizontal control tolerances of a Type B Survey and this topographic survey, as shown, meets the minimum horizontal control tolerances of a Type D Survey as listed in the Colorado Department of Transportation Survey Manual Chapter Three (Revised 4/29/92).

CONSTRUCTION SURVEYING AND MONUMENTATION REQUIREMENTS:

- 1). This Control Survey Diagram represents the horizontal and vertical control for the project established by the Division. It is possible that some of the survey control monuments listed have been disturbed or obliterated. It is the Contractor's responsibility to verify the existence and stability of the control monuments before submitting a bid price.
- 2). All Type 1 and Type 2 monuments shall be set flush with the ground. Witness posts shall be installed 1 foot from and facing all Type 1 and Type 2 monuments, or as directed by the Project Engineer.
- 3). Installation of Type 3 and Type 3-A monuments shall be completed in the same day that installation is commenced. Under no circumstances shall holes in the roadway be left open overnight.
- 4). When installing Type 3-A monuments, the aluminum access cover shall be positively secured to the PVC pipe with screws or glue. The access cover shall be caulked with asphalt caulking between the cover and the edges of the roadway surface to provide a positive moisture barrier around the access cover.
- 5). Control survey procedures, statistical analysis, and accuracy obtained for horizontal and vertical control shall be documented in the field book.
- 6). Legible copies of the field books shall be submitted to the Project Engineer for review on a monthly basis.
- 7). It is ultimately the prime Contractors responsibility to insure that these requirements, as well as any contained in the CDOT specifications, project special provisions, and CDOT Survey Manual are fulfilled under this contract.
- 8). The minimum staking intervals for each item are described on the plans or in the CDOT Survey Manual. If the contractor wishes to reduce the minimum intervals, a Contract Modification Order must be negotiated and the cost of the item reduced accordingly.

Kevin C. Hoffman. PLS 22568

COLORADO DEPARTMENT OF TRANSPORTATION



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US HIGHWAY 6 MP 259.2 to MP 271.6
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ALL BEING IN THE 6TH PRINCIPAL MERIDIAN,
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Survey Control Diagram

Title Sheet

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13961	00-00-00	XXX of XXX	2	10

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GEODETIC COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

PROJECT COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELLIP. HEIGHT	ELEV. (NAVD '88)m	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0502	
	LATITUDE(N)	LONGITUDE(W)					NORTHING (m)	EASTING (m)
NSRS FOUR	39° 44' 54.72143" N	105° 23' 57.33419" W	2097.600	2111.528	0° 03' 48.72954"	0.999999710	517413.985	923035.918
SH119CM-MP 0.85	39° 45' 17.49117" N	105° 24' 21.66101" W	2126.646	2140.535	0° 03' 33.38687"	1.000000965	518115.620	922456.036
SH119CM-MP 1.00	39° 45' 19.30637" N	105° 24' 32.79069" W	2135.742	2149.614	0° 03' 26.36749"	1.000001065	518171.334	922191.036
US 6 CM-MP 259.35	39° 44' 31.79436" N	105° 24' 31.51096" W	2121.185	2135.046	0° 03' 27.17461"	0.999998459	516706.019	922222.972
US 6 CM-MP 259.45	39° 44' 33.47798" N	105° 24' 28.74437" W	2119.429	2133.292	0° 03' 28.91947"	0.999998551	516758.011	922288.791
US 6 CM-MP 259.50	39° 44' 35.32414" N	105° 24' 24.20158" W	2119.481	2133.353	0° 03' 31.78456"	0.999998651	516815.059	922396.893
US 6 CM-MP 261.65	39° 44' 10.85066" N	105° 22' 47.28742" W	2062.368	2076.429	0° 04' 32.90730"	0.999997328	516062.972	924705.331
US 6 CM-MP 261.70	39° 44' 09.72992" N	105° 22' 44.72710" W	2061.014	2075.080	0° 04' 34.52207"	0.999997267	516028.488	924766.341
US 6 CM-MP 261.75	39° 44' 10.40438" N	105° 22' 41.96602" W	2059.664	2073.738	0° 04' 36.68602"	0.999997304	516049.398	924848.013
US 6 CM-MP 264.50	39° 44' 28.92402" N	105° 20' 03.98207" W	1981.967	1996.397	0° 06' 15.90228"	0.999998304	516626.496	928592.844
US 6 CM-MP 264.60	39° 44' 30.07982" N	105° 19' 54.46822" W	1980.113	1994.568	0° 06' 21.90257"	0.999998366	516662.559	928819.299
US 6 CM-MP 264.70	39° 44' 29.78594" N	105° 19' 47.56390" W	1977.670	1992.139	0° 06' 26.25705"	0.999998350	516653.802	928983.705
NSRS THREE	39° 44' 29.18166" N	105° 19' 45.44337" W	1976.100	1990.573	0° 06' 27.59445"	0.999998318	516635.259	929034.229
US 6 CM-MP 265.00	39° 44' 27.99605" N	105° 19' 31.02160" W	1967.688	1982.195	0° 06' 36.69011"	0.999998253	516599.346	929377.677
US 6 CM-MP 265.15	39° 44' 23.84944" N	105° 19' 22.49176" W	1956.211	1970.739	0° 06' 42.06979"	0.999998029	516471.852	929581.020
US 6 CM-MP 265.45	39° 44' 14.27154" N	105° 19' 05.65589" W	1933.118	1947.684	0° 06' 52.68800"	0.999997512	516177.248	929982.475
US 6 CM-MP 265.50	39° 44' 12.44324" N	105° 19' 03.28135" W	1929.551	1944.122	0° 06' 54.18559"	0.999997413	516120.974	930039.129
US 6 CM-MP 265.75	39° 44' 16.08157" N	105° 18' 43.11710" W	1914.771	1929.392	0° 07' 06.90298"	0.999997609	516234.164	930519.032
US 6 CM-MP 265.95	39° 44' 22.02969" N	105° 18' 41.88686" W	1909.784	1924.410	0° 07' 07.67887"	0.999997930	516417.673	930547.945
US 6 CM-MP 266.05	39° 44' 28.78127" N	105° 18' 39.04386" W	1902.170	1916.805	0° 07' 09.47193"	0.999998296	516626.042	930615.204
US 6 CM-MP 266.20	39° 44' 31.70059" N	105° 18' 31.89548" W	1902.930	1917.580	0° 07' 13.98033"	0.999998454	516716.434	930785.216
US 6 CM-MP 266.40	39° 44' 43.34958" N	105° 18' 34.31583" W	1895.060	1909.708	0° 07' 12.45384"	0.999999088	517075.585	930726.835
US 6 CM-MP 266.50	39° 44' 47.81053" N	105° 18' 33.02338" W	1891.844	1906.497	0° 07' 13.26898"	0.999999332	517213.232	930757.317
US 6 CM-MP 266.60	39° 44' 50.34962" N	105° 18' 26.77581" W	1887.817	1902.484	0° 07' 17.20926"	0.999999471	517291.856	930905.893
US 6 CM-MP 266.80	39° 44' 49.20190" N	105° 18' 16.17652" W	1885.064	1899.757	0° 07' 23.89412"	0.999999408	517256.997	931158.313
US 6 CM-MP 266.90	39° 44' 46.74549" N	105° 18' 08.75876" W	1884.438	1899.148	0° 07' 28.57242"	0.999999274	517181.620	931335.078
US 6 CM-MP 267.10	39° 44' 39.34611" N	105° 18' 02.69063" W	1877.117	1891.840	0° 07' 32.39953"	0.999998870	516953.728	931480.049
US 6 CM-MP 267.28	39° 44' 37.57724" N	105° 17' 54.33648" W	1865.404	1880.147	0° 07' 37.66840"	0.999998774	516899.612	931679.071
US 6 CM-MP 267.30	39° 44' 37.10156" N	105° 17' 50.54127" W	1862.307	1877.060	0° 07' 40.06200"	0.999998748	516885.142	931769.463
US 6 CM-MP 267.45	39° 44' 32.97926" N	105° 17' 41.52110" W	1855.296	1870.071	0° 07' 45.75093"	0.999998524	516758.486	931984.511
US 6 CM-MP 267.50	39° 44' 31.84040" N	105° 17' 36.86540" W	1852.946	1867.733	0° 07' 48.68723"	0.999998462	516723.613	932095.439
US 6 CM-MP 267.75	39° 44' 38.62499" N	105° 17' 23.89622" W	1852.424	1867.252	0° 07' 56.86676"	0.999998831	516933.568	932403.744
NSRS STOOGES	39° 44' 31.47367" N	105° 17' 12.80608" W	1850.430	1865.283	0° 08' 03.86119"	0.999998442	516713.626	932668.303
US 6 CM-MP 268.10	39° 44' 30.34137" N	105° 17' 01.06192" W	1838.526	1853.409	0° 08' 11.26811"	0.999998381	516679.365	932948.008
US 6 CM-MP 268.25	39° 44' 26.20694" N	105° 16' 49.76929" W	1833.975	1848.880	0° 08' 18.39026"	0.999998156	516552.497	933217.188
US 6 CM-MP 268.35	39° 44' 26.22910" N	105° 16' 44.05670" W	1833.103	1848.023	0° 08' 21.99313"	0.999998158	516553.511	933353.203
US 6 CM-MP 268.45	39° 44' 29.48031" N	105° 16' 39.21010" W	1830.930	1845.865	0° 08' 25.04983"	0.999998334	516654.065	933468.355
US 6 CM-MP 268.65	39° 44' 31.59139" N	105° 16' 29.91428" W	1826.286	1841.251	0° 08' 30.91260"	0.999998448	516719.719	933689.523
US 6 CM-MP 268.80	39° 44' 37.44286" N	105° 16' 19.91164" W	1820.237	1835.233	0° 08' 37.22116"	0.999998766	516900.780	933927.227
US 6 CM-MP 268.95	39° 44' 33.49049" N	105° 16' 10.64173" W	1813.193	1828.210	0° 08' 42.06760"	0.999998552	516779.440	934148.242
US 6 CM-MP 269.20	39° 44' 22.82692" N	105° 16' 11.27248" W	1807.261	1822.262	0° 08' 42.66979"	0.999997974	516450.522	934134.058
US 6 CM-MP 269.35	39° 44' 19.48074" N	105° 16' 01.38741" W	1802.988	1818.014	0° 08' 48.90420"	0.999997793	516347.921	934369.688
US 6 CM-MP 269.50	39° 44' 19.95112" N	105° 15' 52.79711" W	1798.322	1813.372	0° 08' 54.32201"	0.999997818	516362.956	934574.190
US 6 CM-MP 269.70	39° 44' 17.76084" N	105° 15' 38.82238" W	1791.676	1806.764	0° 09' 03.13573"	0.999997700	516296.273	934907.113
US 6 CM-MP 269.80	39° 44' 21.13103" N	105° 15' 34.73242" W	1787.754	1802.856	0° 09' 05.71523"	0.999997882	516400.472	935004.223
US 6 CM-MP 270.10	39° 44' 31.79352" N	105° 15' 23.14350" W	1775.534	1790.679	0° 09' 13.02424"	0.999998459	516730.053	935279.278
US 6 CM-MP 270.20	39° 44' 32.63969" N	105° 15' 11.12598" W	1766.171	1781.349	0° 09' 20.60356"	0.999998505	516756.922	935565.337
US 6 CM-MP 270.40	39° 44' 41.44134" N	105° 15' 04.70211" W	1763.284	1778.485	0° 09' 24.65503"	0.999998984	517028.795	935717.541
US 6 CM-MP 270.75	39° 44' 59.17316" N	105° 15' 04.47259" W	1749.254	1764.467	0° 09' 24.79978"	0.999999955	517575.685	935721.508
US 6 CM-MP 270.95	39° 45' 05.31224" N	105° 14' 51.58851" W	1743.133	1758.384	0° 09' 32.92564"	1.000000292	517765.870	936027.711
US 6 CM-MP 271.20	39° 45' 10.72295" N	105° 14' 40.45925" W	1739.611	1754.896	0° 09' 39.94475"	1.000000591	517933.485	936292.187
US 6 CM-MP 271.30	39° 45' 13.81856" N	105° 14' 32.73956" W	1741.477	1756.785	0° 09' 44.81347"	1.000000762	518029.477	936475.689
US 6 CM-MP 271.50	39° 45' 13.63282" N	105° 14' 20.50102" W	1742.577	1757.919	0° 09' 52.53219"	1.000000751	518024.580	936767.049
US 6 CM-MP 271.60	39° 45' 15.81255" N	105° 14' 11.71986" W	1738.017	1753.384	0° 09' 58.07038"	1.000000872	518092.410	936975.893
NSRS BM D 447	39° 44' 43.45384" N	105° 26' 20.00006" W	2189.349	2203.010	0° 02' 18.75166"	0.999999094	517063.449	919639.665
NSRS BM G 447	39° 43' 58.46489" N	105° 25' 35.32795" W	2290.038	2303.764	0° 02' 46.92590"	0.999996663	515676.711	920704.357
NSRS GRAV. RMCL40	39° 41' 45.57974" N	105° 12' 35.38127" W	1970.705	1986.171	0° 10' 58.83012"	0.999998763	511615.568	939289.962
NSRS GRAV. RMCL60	39° 42' 03.42418" N	105° 14' 22.14132" W	2116.268	2131.466	0° 09' 51.49767"	0.999990665	512158.198	936744.823
NSRS GRAV. RMCL80	39° 42' 42.62474" N	105° 16' 11.65363" W	2235.924	2250.872	0° 08' 42.42940"	0.999992674	513360.139	934132.810
NSRS GRAV. RMCL100	39° 42' 37.86287" N	105° 17' 37.05125" W	2344.860	2359.605	0° 07' 48.57002"	0.999992428	513208.391	932099.000
NSRS GRAV. RMCL120	39° 43' 28.65029" N	105° 25' 03.21643" W	2379.550	2393.332	0° 03' 07.17830"	0.999995079	514757.845	921469.850

POINT NAME	PROJECT COORDINATES		ELEV(ft)	DESCRIPTION
	NORTH (ft)	EAST (ft)		
NSRS FOUR	698144.76	1029389.72	6927.34	FOUND NGS HORZ. DISK IN BRIDGE
SH119CM-MP 0.85	700447.52	1027486.56	7022.59	FOUND CDOT TYPE 2 MON.
SH119CM-MP 1.00	700630.37	1026616.83	7052.35	FOUND CDOT TYPE 2 MON.
US 6 CM-MP 259.35	695821.23	1026721.65	7004.42	SET CDOT TYPE 2 MON.
US 6 CM-MP 259.45	695991.87	1026937.66	6998.69	SET CDOT TYPE 2 MON.
US 6 CM-MP 259.50	696179.10	1027292.45	6998.91	SET CDOT TYPE 2 MON.
US 6 CM-MP 261.65	693710.76	1034868.71	6812.17	SET CDOT TYPE 2 MON.
US 6 CM-MP 261.70	693597.58	1035068.95	6807.73	SET CDOT TYPE 2 MON.
US 6 CM-MP 261.75	693666.21	1035336.99	6803.33	SET CDOT TYPE 2 MON.
US 6 CM-MP 264.50	695560.23	1047627.47	6549.69	SET CDOT TYPE 2 MON.
US 6 CM-MP 264.60	695678.59	1048370.69	6543.66	SET CDOT TYPE 2 MON.
US 6 CM-MP 264.70	695649.85	1048910.27	6535.69	SET CDOT TYPE 2 MON.
NSRS THREE	695588.99	1049076.09	6530.56	FOUND NGS HORZ. DISK IN ROCK
US 6 CM-MP 265.00	695471.13	1050203.28	6503.07	SET CDOT TYPE 2 MON.
US 6 CM-MP 265.15	695052.70	1050870.65	6465.48	SET CDOT TYPE 2 MON.
US 6 CM-MP 265.45	694085.81	1052188.22	6389.83	SET CDOT TYPE 2 MON.
US 6 CM-MP 265.50	693901.12	1052374.15	6378.14	SET CDOT TYPE 2 MON.
US 6 CM-MP 265.75	694272.61	1053949.19	6329.82	SET CDOT TYPE 2 MON.
US 6 CM-MP 265.95	694874.88	1054044.08	6313.48	SET CDOT TYPE 2 MON.
US 6 CM-MP 266.05	695558.74	1054264.82	6288.53	SET CDOT TYPE 2 MON.
US 6 CM-MP 266.20	695855.41	1054822.80	6291.08	SET CDOT TYPE 2 MON.
US 6 CM-MP 266.40	697034.14	1054631.20	6265.26	SET CDOT TYPE 2 MON.
US 6 CM-MP 266.50	697485.89	1054731.24	6254.73	SET CDOT TYPE 2 MON.
US 6 CM-MP 266.60	697743.94	1055218.86	6241.57	SET CDOT TYPE 2 MON.
US 6 CM-MP 266.80	697629.53	1056047.30	6232.62	SET CDOT TYPE 2 MON.
US 6 CM-MP 266.90	697382.14	1056627.44	6230.62	SET CDOT TYPE 2 MON.
US 6 CM-MP 267.10	696634.21	1057103.23	6206.63	SET CDOT TYPE 2 MON.
US 6 CM-MP 267.28	696456.60	1057756.42	6168.27	SET CDOT TYPE 2 MON.
US 6 CM-MP 267.30	696409.11	1058053.08	6158.14	SET CDOT TYPE 2 MON.
US 6 CM-MP 267.45	695993.42	1058758.87	6135.21	SET CDOT TYPE 2 MON.
US 6 CM-MP 267.50	695878.97	1059122.93	6127.53	SET CDOT TYPE 2 MON.
US 6 CM-MP 267.75	696568.04	1060134.78	6126.02	SET CDOT TYPE 2 MON.
NSRS STOOGES	695846.19	1061003.06	6119.50	FOUND NGS HORZ. DISK IN CONCRETE
US 6 CM-MP 268.10	695733.75	1061921.05	6080.55	SET CDOT TYPE 2 MON.
US 6 CM-MP 268.25	695317.37	1062804.50	6065.69	SET CDOT TYPE 2 MON.
US 6 CM-MP 268.35	695320.70	1063250.89	6062.88	SET CDOT TYPE 2 MON.
US 6 CM-MP 268.45	695650.72	1063628.82	6055.81	SET CDOT TYPE 2 MON.
US 6 CM-MP 268.65	695866.19	1064354.69	6040.67	SET CDOT TYPE 2 MON.
US 6 CM-MP 268.80	696460.43	1065134.83	6020.94	SET CDOT TYPE 2 MON.
US 6 CM-MP 268.95	696062.19	1065860.20	5997.90	SET CDOT TYPE 2 MON.
US 6 CM-MP 269.20	694982.69	1065813.65	5978.49	SET CDOT TYPE 2 MON.
US 6 CM-MP 269.35	694645.96	1066586.98	5964.54	SET CDOT TYPE 2 MON.
US 6 CM-MP 269.50	694695.30	1067258.16	5949.32	SET CDOT TYPE 2 MON.
US 6 CM-MP 269.70	694476.45	1068350.80	5927.63	SET CDOT TYPE 2 MON.
US 6 CM-MP 269.80	694818.43	1068669.52	5914.81	SET CDOT TYPE 2 MON.
US 6 CM-MP 270.10	695900.11	1069572.24	5874.78	SET CDOT TYPE 2 MON.
US 6 CM-MP 270.20	695988.29	1070511.08	5844.18	SET CDOT TYPE 2 MON.
US 6 CM-MP 270.40	696880.57	1071010.62	5834.79	SET CDOT TYPE 2 MON.
US 6 CM-MP 270.75	698675.46	1071023.64	5788.82	SET CDOT TYPE 2 MON.
US 6 CM-MP 270.95	699299.64	1072028.59	5768.88	SET CDOT TYPE 2 MON.
US 6 CM-MP 271.20	699849.75	1072896.60	5757.53	SET CDOT TYPE 2 MON.
US 6 CM-MP 271.30	700164.80	1073498.85	5763.76	SET CDOT TYPE 2 MON.
US 6 CM-MP 271.50	700148.73	1074455.08	5767.52	SET CDOT TYPE 2 MON.
US 6 CM-MP 271.60	700371.34	1075140.51	5752.65	SET CDOT TYPE 5 MON.
NSRS BM D 447	696994.31	1018243.27	7227.23	FOUND NGS VERT. DISK IN BRIDGE
NSRS BM G 447	692443.06	1021737.58	7557.84	FOUND NGS VERT. DISK IN ROCK
NSRS GRAV. RMCL40	679114.45	1082735.25	6516.19	FOUND NGS GRAV. DISK IN CONCRETE
NSRS GRAV. RMCL60	680895.35	1074382.14	6992.63	FOUND NGS GRAV. DISK IN CONCRETE
NSRS GRAV. RMCL80	684840.10	1065809.55	7384.25	FOUND NGS GRAV. DISK IN CONCRETE
NSRS GRAV. RMCL100	684342.07	1059134.62	7741.10	FOUND NGS GRAV. DISK IN CONCRETE
NSRS GRAV. RMCL120	689427.35	1024249.91	7851.62	FOUND NGS GRAV. DISK IN CONCRETE



Region 1
Address: 18500 E. Colfax Ave.
Aurora, CO 80011
Phone: (303) 757-9744

Survey Unit:

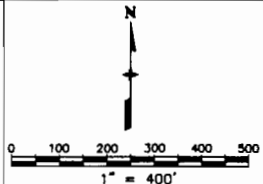
Sheet Revisions

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US HIGHWAY 6 MP 259.2 to MP 271.6

SITUATE IN

SEC. 32 & 33, T. 3 S., R. 70 W., SEC. 6, T. 4 S., R. 70 W.,
SEC. 32, 33, 34, 35 & 36, T. 3 S., R. 71 W.,
SEC. 2, 3, 5 & 6, T. 4 S., R. 71 W.,
SEC. 35 & 36, T. 3 S., R. 72 W., SEC. 1, T. 4 S., R. 72 W.,
ALL BEING IN THE 6TH PRINCIPAL MERIDIAN,
CLEAR CREEK COUNTY, COLORADO



Survey Control Diagram

Plan Sheet

Project Number: BR 0061-073				
Project Location: US 6 CLEAR CREEK - ELK CREEK				
Project Location:				
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13961	00-00-00	xxx of xxx	3	10

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FOUND
SH119 MP 0.30
▲ NGS HORIZONTAL DISK "FOUR"
N: 698144.76
E: 1029389.72
EL: 6927.34

SET
US 6 CM-MP 259.35
CDOT TYPE 2 MON.
N: 695821.23
E: 1026721.65
EL: 7004.42

SET
US 6 CM-MP 259.45
CDOT TYPE 2 MON.
N: 695991.87
E: 1026937.66
EL: 6998.69

SET
US 6 CM-MP 259.50
CDOT TYPE 2 MON.
N: 696179.10
E: 1027292.45
EL: 6998.91



Region 1
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Aurora, CO 80011
Phone: (303) 757-9744

Survey Unit:

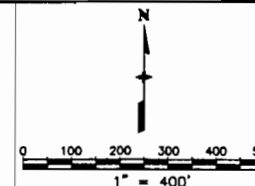
Sheet Revisions

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US HIGHWAY 6 MP 259.2 to MP 271.6

SITUATE IN

SEC. 32 & 33, T. 3 S., R. 70 W., SEC. 6, T. 4 S., R. 70 W.,
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ALL BEING IN THE 6TH PRINCIPAL MERIDIAN,
CLEAR CREEK COUNTY, COLORADO



Survey Control Diagram

Plan Sheet

Project Number: BR 0061-073

Project Location: US 6 CLEAR CREEK - ELK CREEK

Project Location:

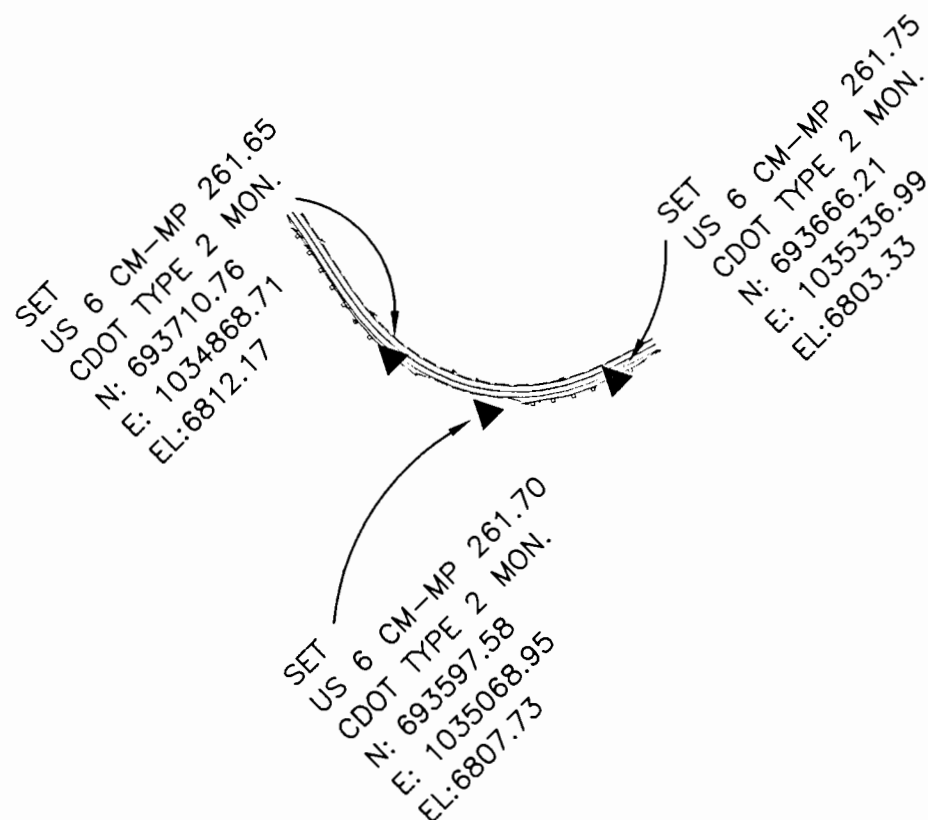
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13961	00-00-00	XXX of XXX	4	10

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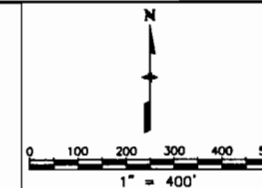


Region 1
Address: 18500 E. Colfax Ave.
Aurora, CO 80011
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Survey Unit:

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US HIGHWAY 6 MP 259.2 to MP 271.6
SITUATE IN
SEC. 32 & 33, T. 3 S., R. 70 W., SEC. 6, T. 4 S., R. 70 W.,
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Survey Control Diagram

Plan Sheet

Project Number: BR 0061-073

Project Location: US 6 CLEAR CREEK - ELK CREEK

Project Location:

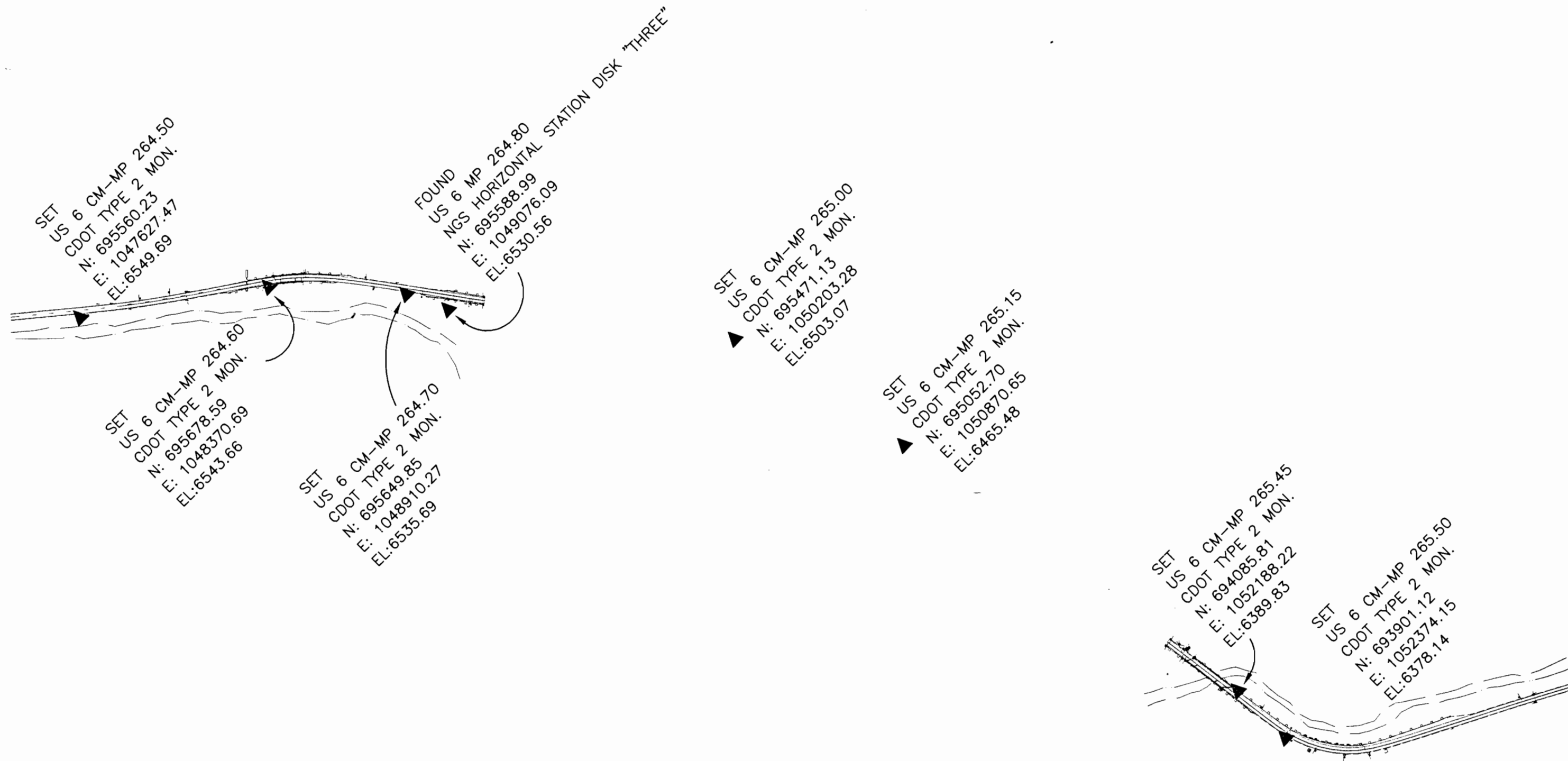
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13961	00-00-00	XXX of XXX	5	10

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Survey Unit:

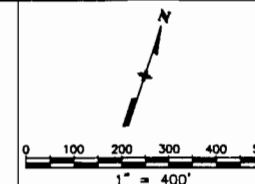
Sheet Revisions

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US HIGHWAY 6 MP 259.2 to MP 271.6

SITUATE IN

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CLEAR CREEK COUNTY, COLORADO



Survey Control Diagram

Plan Sheet

Project Number: BR 0061-073

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13961	00-00-00	XXX of XXX	6	10

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8751 E. HAMPDEN AVE. SUITE B-
DENVER, COLORADO 80231
(303) 306-1858

SET
US 6 CM-MP 266.50
CDOT TYPE 2 MON.
N: 697485.89
E: 1054731.24
EL: 6254.73

SET
US 6 CM-MP 266.40
CDOT TYPE 2 MON.
N: 697034.14
E: 1054631.20
EL: 6265.26

SET
US 6 CM-MP 266.60
CDOT TYPE 2 MON.
N: 697743.94
E: 1055218.86
EL: 6241.57

SET
US 6 CM-MP 266.80
CDOT TYPE 2 MON.
N: 697629.53
E: 1056047.30
EL: 6232.62

SET
US 6 CM-MP 266.90
CDOT TYPE 2 MON.
N: 697382.14
E: 1056627.44
EL: 6230.62

SET
US 6 CM-MP 266.05
CDOT TYPE 2 MON.
N: 695558.74
E: 1054264.82
EL: 6288.53

SET
US 6 CM-MP 266.20
CDOT TYPE 2 MON.
N: 695855.41
E: 1054822.80
EL: 6291.08

SET
US 6 CM-MP 265.95
CDOT TYPE 2 MON.
N: 694874.88
E: 1054044.08
EL: 6313.48

SET
US 6 CM-MP 265.75
CDOT TYPE 2 MON.
N: 694272.61
E: 1053949.19
EL: 6329.82

SET
US 6 CM-MP 267.10
CDOT TYPE 2 MON.
N: 696634.21
E: 1057103.23
EL: 6206.63

SET
US 6 CM-MP 265.45
CDOT TYPE 2 MON.
N: 694085.81
E: 1052188.22
EL: 6389.83

SET
US 6 CM-MP 265.50
CDOT TYPE 2 MON.
N: 693901.12
E: 1052374.15
EL: 6378.14



Region 1
Address: 18500 E. Colfax Ave.
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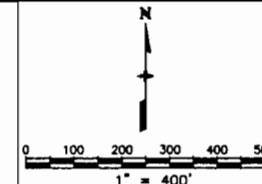
Sheet Revisions

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US HIGHWAY 6 MP 259.2 to MP 271.6

SITUATE IN

SEC. 32 & 33, T. 3 S., R. 70 W., SEC. 6, T. 4 S., R. 70 W.,
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ALL BEING IN THE 6TH PRINCIPAL MERIDIAN,
CLEAR CREEK COUNTY, COLORADO



Survey Control Diagram

Plan Sheet

Project Number: BR 0061-073

Project Location: US 6 CLEAR CREEK - ELK CREEK

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
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Prepared By:



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8751 E. HAMPDEN AVE. SUITE B-
DENVER, COLORADO 80231
(303) 306-1858

SET
US 6 CM-MP 266.90
CDOT TYPE 2 MON.
N: 697382.14
E: 1056627.44
EL: 6230.62

SET
US 6 CM-MP 267.28
CDOT TYPE 2 MON.
N: 696456.60
E: 1057756.42
EL: 6168.27

SET
US 6 CM-MP 267.30
CDOT TYPE 2 MON.
N: 696409.11
E: 1058053.08
EL: 6158.14

SET
US 6 CM-MP 267.75
CDOT TYPE 2 MON.
N: 696568.04
E: 1060134.78
EL: 6126.02

SET
US 6 CM-MP 267.10
CDOT TYPE 2 MON.
N: 696634.21
E: 1057103.23
EL: 6206.63

SET
US 6 CM-MP 267.50
CDOT TYPE 2 MON.
N: 695878.97
E: 1059122.93
EL: 6127.53

SET
US 6 CM-MP 267.45
CDOT TYPE 2 MON.
N: 695993.42
E: 1058758.87
EL: 6135.21

FOUND
US 6 MP 267.90
NGS HORIZONTAL STATION DISK "STOOGES"
N: 695846.19
E: 1061003.06
EL: 6119.50

SET
US 6 CM-MP 268.10
CDOT TYPE 2 MON.
N: 695733.75
E: 1061921.05
EL: 6080.55



Region 1
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Survey Unit:

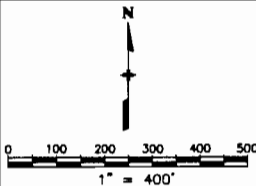
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US HIGHWAY 6 MP 259.2 to MP 271.6

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Survey Control Diagram

Plan Sheet

Project Number: BR 0061-073

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Prepared By:



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8751 E. HAMPDEN AVE. SUITE B-1
DENVER, COLORADO 80231
(303) 306-1858

SET
US 6 CM-MP 268.10
CDOT TYPE 2 MON.
▲ N: 695733.75
E: 1061921.05
EL: 6080.55

SET
US 6 CM-MP 268.25
CDOT TYPE 2 MON.
▲ N: 695317.37
E: 1062804.50
EL: 6065.69

SET
US 6 CM-MP 268.35
CDOT TYPE 2 MON.
▲ N: 695320.70
E: 1063250.89
EL: 6062.88

SET
US 6 CM-MP 268.45
CDOT TYPE 2 MON.
▲ N: 695650.72
E: 1063628.82
EL: 6055.81

SET
US 6 CM-MP 268.65
CDOT TYPE 2 MON.
▲ N: 695866.19
E: 1064354.69
EL: 6040.67

SET
US 6 CM-MP 268.80
CDOT TYPE 2 MON.
▲ N: 696460.43
E: 1065134.83
EL: 6020.94

SET
US 6 CM-MP 268.95
CDOT TYPE 2 MON.
▲ N: 696062.19
E: 1065860.20
EL: 5997.90

SET
US 6 CM-MP 269.20
CDOT TYPE 2 MON.
▲ N: 694982.69
E: 1065813.65
EL: 5978.49

SET
US 6 CM-MP 269.35
CDOT TYPE 2 MON.
▲ N: 694645.96
E: 1066586.98
EL: 5964.54

SET
US 6 CM-MP 269.50
CDOT TYPE 2 MON.
▲ N: 694695.30
E: 1067258.16
EL: 5949.32



Region 1
Address: 18500 E. Calfax Ave.
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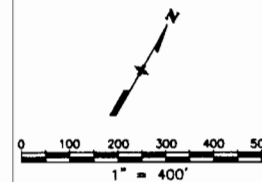
Sheet Revisions

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US HIGHWAY 6 MP 259.2 to MP 271.6

SITUATE IN

SEC. 32 & 33, T. 3 S., R. 70 W., SEC. 6, T. 4 S., R. 70 W.,
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ALL BEING IN THE 6TH PRINCIPAL MERIDIAN,
CLEAR CREEK COUNTY, COLORADO



Survey Control Diagram

Plan Sheet

Project Number: BR 0061-073

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Prepared By:



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8751 E. HAMPDEN AVE. SUITE B-
DENVER, COLORADO 80231
(303) 306-1858

SET
US 6 CM-MP 270.75
CDOT TYPE 2 MON.
N: 698675.46
E: 1071023.64
EL:5788.82

SET
US 6 CM-MP 269.50
CDOT TYPE 2 MON.
N: 694695.30
E: 1067258.16
EL:5949.32

SET
US 6 CM-MP 269.70
CDOT TYPE 2 MON.
N: 694476.45
E: 1068350.80
EL:5927.63

SET
US 6 CM-MP 269.80
CDOT TYPE 2 MON.
N: 694818.43
E: 1068669.52
EL:5914.81

SET
US 6 CM-MP 270.10
CDOT TYPE 2 MON.
N: 695900.11
E: 1069572.24
EL:5874.78

SET
US 6 CM-MP 270.20
CDOT TYPE 2 MON.
N: 695988.29
E: 1070511.08
EL:5844.18

SET
US 6 CM-MP 270.40
CDOT TYPE 2 MON.
N: 696880.57
E: 1071010.62
EL:5834.79

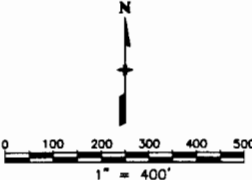


Region 1
Address: 18500 E. Colfax Ave.
Aurora, CO 80011
Phone: (303) 757-9744 FAX: (303) 757-9746

Survey Unit:

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US HIGHWAY 6 MP 259.2 to MP 271.6
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SEC. 32 & 33, T. 3 S., R. 70 W., SEC. 6, T. 4 S., R. 70 W.,
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Survey Control Diagram

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8751 E. HAMPDEN AVE. SUITE B-
DENVER, COLORADO 80231
(303) 306-1858

SET
US 6 CM-MP 270.75
▲ CDOT TYPE 2 MON.
N: 698675.46
E: 1071023.64
EL:5788.82

SET
US 6 CM-MP 270.95
▲ CDOT TYPE 2 MON.
N: 699299.64
E: 1072028.59
EL:5768.88

SET
US 6 CM-MP 271.20
▲ CDOT TYPE 2 MON.
N: 699849.75
E: 1072896.60
EL:5757.53

SET
US 6 CM-MP 271.30
▲ CDOT TYPE 2 MON.
N: 700164.80
E: 1073498.85
EL:5763.76

SET
US 6 CM-MP 271.50
▲ CDOT TYPE 2 MON.
N: 700148.73
E: 1074455.08
EL:5767.52

SET
US 6 CM-MP 271.60
▲ CDOT TYPE 5 MON.
N: 700371.34
E: 1075140.51
EL:5752.65