Colorado Department of Transportation

DOT 1

Region 1 Right of Way 18500 East Colfax Avenue Aurora, Colorado 80111 Phone: 303-365-7410 Fax: 303-365-7350

Survey Unit: Dave Stewart, PLS

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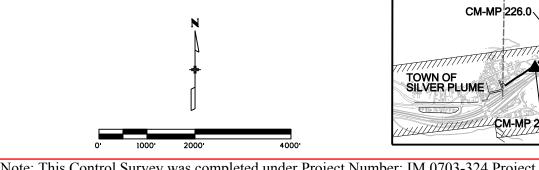
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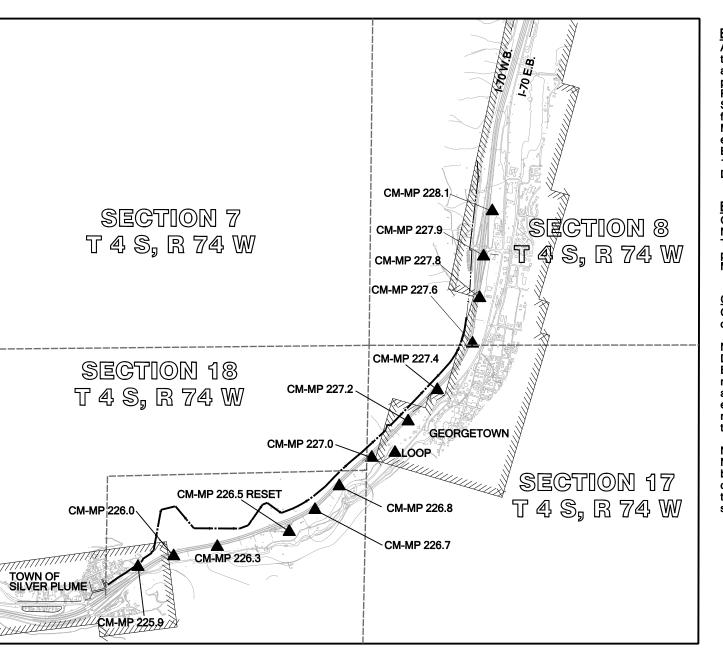
Land Survey Control Diagram								
Title Sheet								
Project Number	Project Number: IM 0703-324							
Project Location	on: INTERSTATE	70 MP 225.9 TC	MP 227.9					
Project Location: GEORGETOWN, CLEAR CREEK COUNTY								
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.					
16105	04.01.00	4.01 -6.4.07	4.01					

LAND SURVEY CONTROL DIAGRAM
GEORGETOWN, INTERSTATE 70 (MILE POST 225.9 TO MILE POST 227.9)
LOCATED IN SECTIONS 7, 8, 17, & 18 TOWNSHIP 4 SOUTH, RANGE 74 WEST, 6TH P.M.
CLEAR CREEK COUNTY. STATE OF COLORADO

Construction Surveying and Monumentation Requirements

- 1. This Land Survey Control Diagram represents the horizontal and vertical control for the project established by the Region. 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 monument box shall be positively secured in the roadway surface. The monument box shall be caulked with asphalt caulking between the monument box and the edges of the roadway surface to provide a positive moisture barrier around the monument box.
- 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.
- 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.
- 9. Whenever the contract includes the setting of CDOT Type 2 monuments, a Suplimental Project Control Diagram, signed and sealed by the P.L.S. in responsible charge, shall be submitted to the Project Engineer. A Microstation drawing on CD shall accompany the hard copy.





Basis of Bearing:

All bearings are based on the line connecting the W 1/4 corner of section 18 to the East 1/4 corner of section 18, T. 4 S., R. 74 W. of the 6th P.M., being a GRID bearing of N. 88°40′33″ E, 5,398.09 feet as obtained from a global positioning system (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN). Said grid bearing is NAD 83 (1992) Colorado State Plane Central Zone 502. The W 1/4 corner being monumented with a found 3 1/4 " diameter brass cap, stamped in part "Bur. of Land Management 1983" and the E 1/4 corner being a calculated position established from the monumented witness corner which bears N. 01°11'53" E., 30.00 feet from the calculated position. Said witness corner is a found 3 1/4 "diameter alum. cap stamped in part "1/4 W.C. 30' COLO. DEPARTMENT OF TRANSPORTATION, 2008, PLS 23521"

Basis of Elevations:

Orthometric heights (elevations) are based on First Order Class II
National Geodetic Survey (NGS) Bench Mark LOOP (NGS PID AA5362).
The Published NAVD 88 Height = 8788.00'. All Control Point heights on this project were established by GPS fast static observations tied to said Bench Mark LOOP.

Coodinate Datum:

Coordinates on this project are for the exclusive use of the CDOT for the construction of this project and are considered Project Coordinates only.

NOTE: This Land Survey Control Diagram 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 Land Survey Control Diagram, 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: In accordance with C.R.S. 13-80-105:

Notice: 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.

PROJECT LOCATION MAP

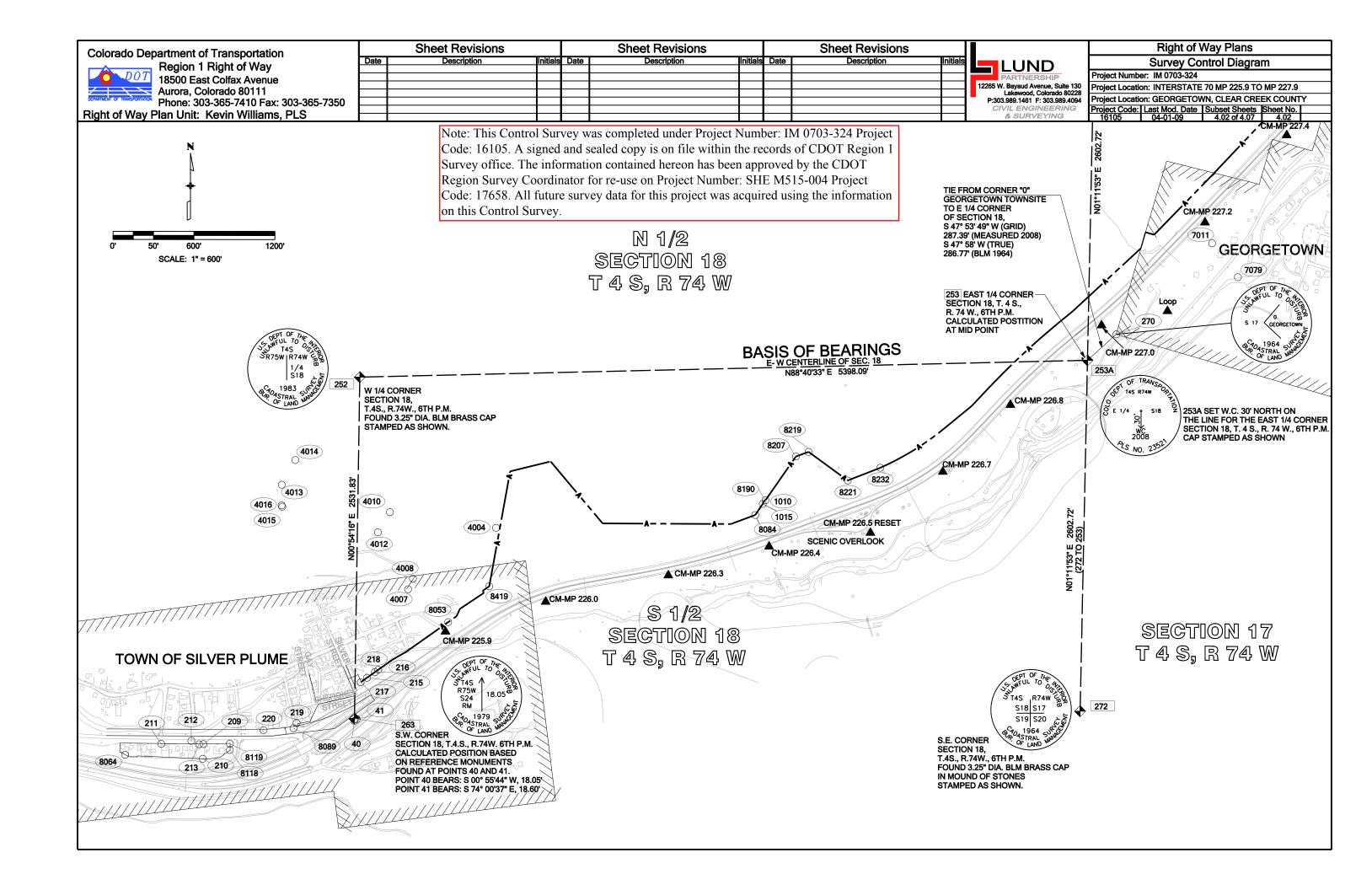
SURVEYOR STATEMENT (LAND SURVEY CONTROL DIAGRAM)

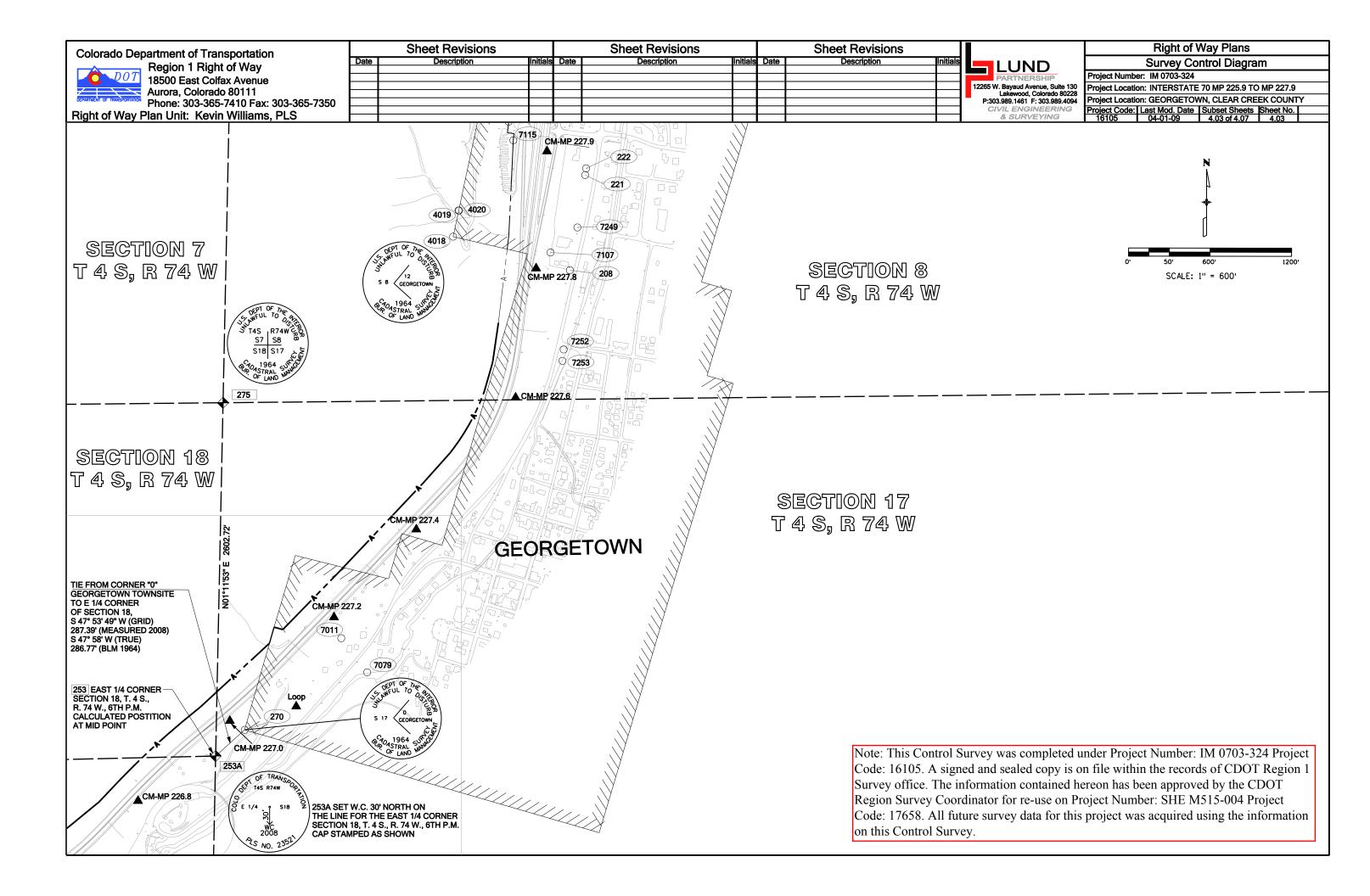
I, Geoffrey F. Stephenson, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Land Survey Control Diagram was prepared and the field survey it represents was performed under my responsible charge and, based upon my knowledge, information and belief is in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

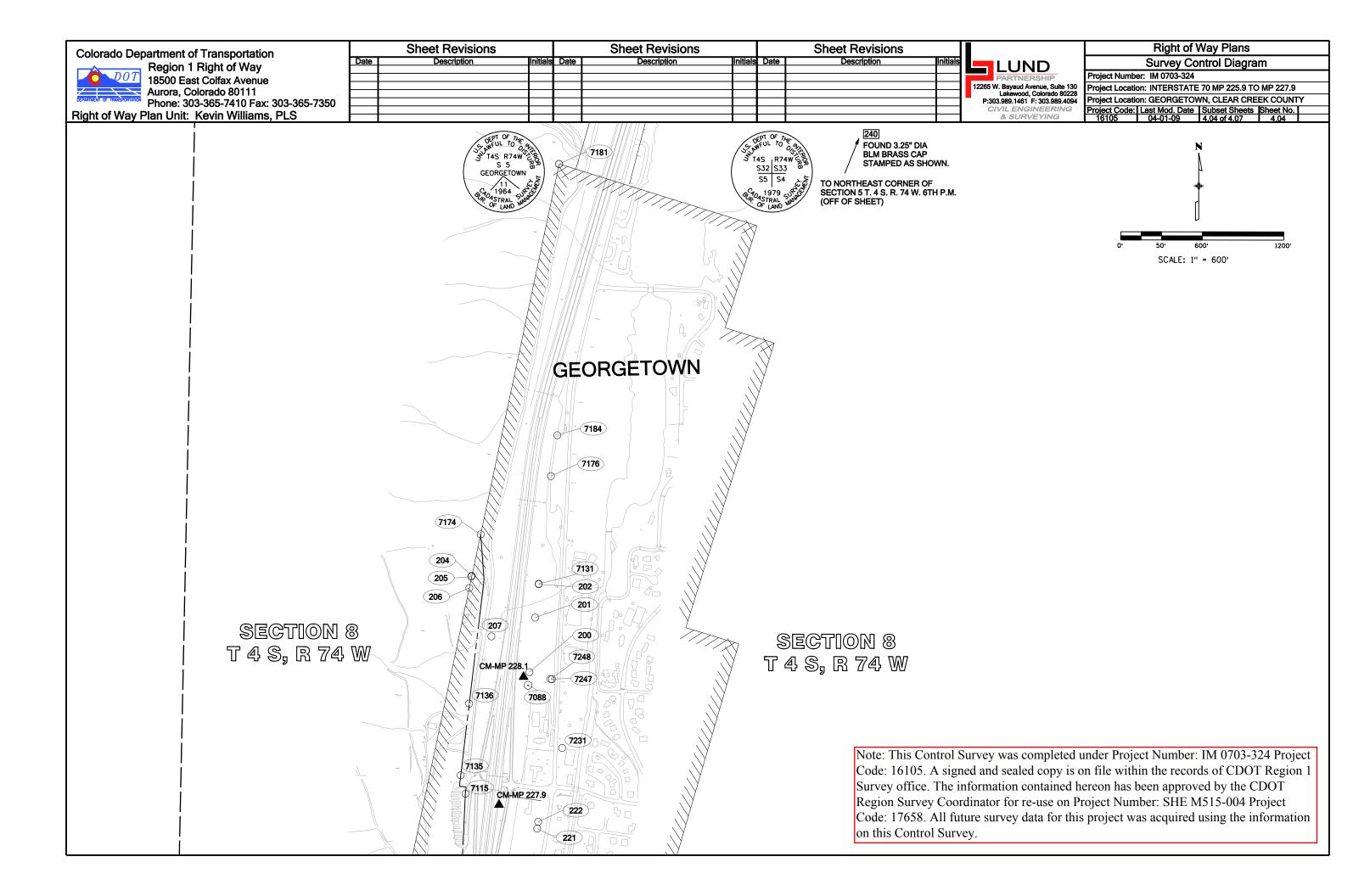
GEOFFREY F. STEPHENSON, PLS 23521

Date

rote. This control but vey was completed under 1 to ject 1 amoet. 111 0703 32 1 1 to ject
Code: 16105. A signed and sealed copy is on file within the records of CDOT Region 1
Survey office. The information contained hereon has been approved by the CDOT
Region Survey Coordinator for re-use on Project Number: SHE M515-004 Project
Code: 17658. All future survey data for this project was acquired using the information
on this Control Survey.







Colorado Department of Transportation
Region 1 Right of Way
18500 East Colfax Avenue
Aurora, Colorado 80111

Phone: 303-365-7410 Fax: 303-365-7350
Right of Way Plan Unit: Kevin Williams, PLS

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Right of Way Plans

Survey Control Diagram

Project Number: IM 0703-324

Project Location: INTERSTATE 70 MP 225.9 TO MP 227.9

Project Location: GEORGETOWN, CLEAR CREEK COUNTY

Project Code: Last Mod. Date | Subset Sheets | Sheet No. |

GEODETIC COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA) - US FEET

	GEODETIC COORDINATES	S NAD-83(92) (CHARN)	NAD 83/92 ZO	NE 0502		ELEV.	MAPPING	GRID	
POINT NAME	LATITUDE	LONGITUDE	NORTHING (sft)	EASTING (sft)	ELLIP. HEIGHT	(NAVD 88)	ANGLE	SCALE	DESCRIPTION
2259	39° 41' 49.82916" N	105° 43' 19.29258" W	1678901.32	2937523.39	9078.72	9119.17	-0° 08' 24.1"	0.99998998	I-70 CM-MP 225.9
2260	39° 41' 52.03079" N	105° 43' 09.79257" W	1679122.29	2938266.49	9026.47	9066.94	-0° 08' 18.1"	0.99999009	I-70 CM-MP 226.0
2263	39° 41' 53.98320" N	105° 42' 58.16615" W	1679317.67	2939175.73	8975.97	9016.45	-0° 08' 10.8"	0.99999019	I-70 CM-MP 226.3
2265 RESET	39° 41' 57.13505" N	105° 42' 39.00292" W	1679633.06	2940674.33	8884.26	8924.72	-0° 07' 58.7"	0.99999035	I-70 CM-MP 226.5
2267	39° 42' 01.63032" N	105° 42' 32.15897" W	1680086.70	2941210.30	8855.38	8896.04	-0° 07' 54.4"	0.99999057	I-70 CM-MP 226.7
2268	39° 42' 06.51603" N	105° 42' 25.71624" W	1680579.90	2941715.00	8808.37	8848.98	-0° 07' 50.3"	0.99999082	I-70 CM-MP 226.8
2270	39° 42' 12.37616" N	105° 42' 17.12626" W	1681171.31	2942387.75	8756.15	8796.64	-0° 07' 44.9"	0.99999112	I-70 CM-MP 227.0
2272	39° 42' 19.90799" N	105° 42' 07.37949" W	1681931.73	2943151.20	8687.48	8728.14	-0° 07' 38.8"	0.99999151	I-70 CM-MP 227.2
2274	39° 42' 26.33808" N	105° 41' 59.60823" W	1682581.01	2943760.00	8634.17	8674.86	-0° 07' 33.8"	0.99999183	I-70 CM-MP 227.4
2276	39° 42' 35.94713" N	105° 41' 50.28610" W	1683551.70	2944490.67	8565.09	8605.82	-0° 07' 28.0"	0.99999233	I-70 CM-MP 227.6
2278	39° 42' 45.33448" N	105° 41' 48.33564" W	1684501.22	2944645.16	8502.15	8542.89	-0° 07' 26.7"	0.99999281	I-70 CM-MP 227.8
2279	39° 42' 53.88153" N	105° 41' 47.38402" W	1685365.89	2944721.40	8469.43	8510.17	-0° 07' 26.1"	0.99999326	I-70 CM-MP 227.9
2281	39° 43' 03.18910" N	105° 41' 45.09268" W	1686307.27	2944902.51	8453.84	8494.48	-0° 07' 24.7"	0.99999374	I-70 CM-MP 228.1
LOOP	39° 42' 13.42932" N	105° 42' 10.88186" W	1681276.78	2942876.03	8747.42	8788.00	-0° 07' 41.0"	0.99999117	NGS PID AA5362
Q 449	39° 41' 46.18797" N	105° 44' 52.09022" W	1678551.65	2930268.89	9258.67	9299.03	-0° 09' 22.6"	0.99998979	NGS PID DF5485

PROJECT COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA) - US FEET

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	PROJECT COC	RDINATES	ELEV.			
POINT NAME	NORTHING	EASTING	(NAVD 88)	DESCRIPTION		
2259	678893.86	937526.31	9119.17	I-70 CM-MP 225.9		
2260	679114.92	938269.73	9066.94	I-70 CM-MP 226.0		
2263	679310.38	939179.36	9016.45	I-70 CM-MP 226.3		
2265 RESET	679625.91	940678.59	8924.72	I-70 CM-MP 226.5		
2267	680079.72	941214.81	8896.04	I-70 CM-MP 226.7		
2268	680573.13	941719.72	8848.98	I-70 CM-MP 226.8		
2270	681164.80	942392.72	8796.52	I-70 CM-MP 227.0		
2272	681925.54	943156.54	8728.14	I-70 CM-MP 227.2		
2274	682575.10	943765.60	8674.86	I-70 CM-MP 227.4		
2276	683546.20	944496.58	8605.82	I-70 CM-MP 227.6		
2278	684496.13	944651.13	8542.89	I-70 CM-MP 227.8		
2279	685361.17	944727.40	8510.17	I-70 CM-MP 227.9		
2281	686302.96	944908.57	8494.48	I-70 CM-MP 228.1		
LOOP	681270.33	942881.23	8788.00	NGS PID AA5362		
Q 449	678544.04	930268.72	9299.03	NGS PID DF5485		

Conversion Example of State Plane Coordinates to Project Coordinates:

State Plane Northing x 1.0004262494 - 1,000,723.09 (sft) = Project Northing (sft) State Plane Easting x 1.0004262494 - 2,001,249.20 (sft) = Project Easting (sft)

Project Coordinate Parameters:

Geodetic coordinates are based on NAD 83(1992)
Orthometric Heights are shown in NAVD 88
State Plane coordinates are Colorado Central Zone (502)
Units are in US Survey Feet (sft)
Project (Ground) coordinates are Modified State Plane
Combined Project factor = 0.999573933
Combined Project Factor Reciprocal = 1.0004262494
Truncation applied to State Plane Coordinates:
Northing Reduction 1,000,723.09 sft
Easting Reduction 2,001,249.20 sft
Note: The reason for the odd truncation is in order to match previously established project coordinates.

Note: This Control Survey was completed under Project Number: IM 0703-324 Project Code: 16105. A signed and sealed copy is on file within the records of CDOT Region 1 Survey office. The information contained hereon has been approved by the CDOT Region Survey Coordinator for re-use on Project Number: SHE M515-004 Project Code: 17658. All future survey data for this project was acquired using the information on this Control Survey.

NOTE: National Geodetic Survey First Order Horizontal Control Stations held fixed in the final fully constrained least squares adjustment of the GPS data are as follows:

Designation: LOOP PID: AA5362 NAD 83(1992) CHARN Latitude 39° 42' 13.42932 (N) Longitude 105° 42' 10.88186 (W) Ellip. Height 2666.22 (meters)

Designation: Q 449 PID: DF5485 NAD 83(1992) CHARN Latitude 39° 41' 46.18797 (N) Longitude 105° 44' 52.09022 (W) Ellip. Height 2822.05 (meters) Colorado Department of Transportation

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LUND 2265 W. Bayaud Avenue, Suite 130 Lakewood, Colorado 80228 P:303.989.1461 F: 303.989.4094 CIVIL ENGINEERING & SURVEYING

Note: This Control Survey was completed under Project Number: IM 0703-324

Right of Way Plans Survey Control Diagram Project Number: IM 0703-324 Project Nation: INTERSTATE 70 MP 225.9 TO MP 227.9

Project Location: GEORGETOWN, CLEAR CREEK COUNTY

Project Code: Last Mod. Date | Subset Sheets | Sheet No. |
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TABUL	<u>ATION OF FOUND I</u>	<u>MONUMENTATION</u>		Project Code: 16105. A signed and sealed copy is on file within the records of
	PROJECT COOF	RDINATES US FT		CDOT Region 1 Survey office. The information contained hereon has been
POINT NAME	NORTHING	EASTING	DESCRIPTION	approved by the CDOT Region Survey Coordinator for re-use on Project
200	686337.57	944952.05	Found 1.5" dia. alum. cap. 0.5' out of the ground, cap stamped "5274".	Number: SHE M515-004 Project Code: 17658. All future survey data for this
201	686739.08	944994.08	Found 1.25" dia. vellow plastic cap. 0.2" out of the ground, cap stamped "R.L.S. 10847".	project was acquired using the information on this Control Survey.
202	686985.15	945019.99	Found 1" dia. yellow plastic cap, 0.4' out of the ground, cap stamped "RICHMOND PLS 25298".	project was acquired using the information on this control survey.
204	687047.97 687038.51	944526.45 944526.35	Found #5 rebar, 0.6' out of the ground, no cap. Found 1' wide by 2' tall stone marked "6724 46".	
205 206	686957.38	944509.40	Found 1.5" dia. red plastic cap on #5 rebar, 0.2' out of the ground, cap unreadable.	
207 207 208 209 210 211	686601.08	944671.46	Found 3.25" dia. brass cap set in 0.5' dia. conc., 1' out of ground, cap stamped "COLO DEPT OF	F HIGHWAYS R.O.W. MARKER".
208	684485.05	944896.68	Found 0.5" dia. steel rod, flush, no cap.	
209	678059.24	935730.80	Found 1" dia. orange plastic cap on #3 rebar, 0.2' out of the ground, cap stamped "HAYES & SO	DUCIE RLS 10388".
210	677950.61 678060.95	935727.26 935418.30	Found 1" dia. orange plastic cap on #3 rebar, 0.3' out of the ground, cap stamped "HAYES & SO Found 1.5" dia. alum. cap stamped "GREG MARKLE 25373".	DUCIE RLS 10388".
212	678058.80	935570.08	Found 1" dia. iron bar, no cap.	
212 213 215	678057.88	935699.07	Found 1" dia. iron bar, no cap.	
215	678551.17	936944.54	Found 1" dia. red plastic cap, 0.2' out of the ground, cap stamped "GREG MARKLE LS 25373".	
216	678592.72	937002.95	Found 1" dia. red plastic cap, 0.2' out of the ground, cap stamped "GREG MARKLE LS 25373".	
217 218	678518.09 678610.21	936897.59 937028.10	Found 1" dia. red plastic cap, 0.2' out of the ground, cap stamped "GREG MARKLE LS 25373". Found 1" dia. red plastic cap, 0.3' out of the ground, cap stamped "GREG MARKLE LS 25373".	
219	678214.91	936422.57	Found 1" dia. yellow plastic cap on #3 rebar, flush with ground, cap unreadable.	
219 220	678162.97	936177.58	Found 1" dia, vellow plastic cap, 0.1' above 2' x 2' conc, and rock pillar, cap stamped "RLS 1084"	7".
221 222	685185.23	945008.87	Found 1.25" dia. red plastic cap, 0.2' out of the ground, 0.4' west of fence, cap stamped "ALPINE	E SURVEY LS 9896".
222	685234.93	945016.39	Found "T" post, 1' out of the ground.	DVEV BUD OF LAND MANAGEMENT O 47 OF OR OF TOWN O 400 411
270 1010	681098.40 679868.18	942501.35	Found 3.25" dia. BLM brass cap, 1.2' below the ground, cap stamped in part "CADASTRAL SUF Found 3.25" dia. brass cap set flush in rock outcrop, cap stamped "COLO DEPT OF HIGHWAYS"	RVEY, BUR. OF LAND MANAGEMENT, ST/ GEORGETOWN O 1964".
1015	679840.27	939900.09 939879.47	Found 3.25" dia. brass cap set flush in rock outcrop, cap stamped "COLO DEPT OF HIGHWAYS	S R.O.W. MARKER.
4004	679908.87	937999.22	Found 24" x 8" x 6" Stone Chiseled 1129-8	
4007	679207.73	937249.25	Found 3.25" dia. brass cap set 0.8' above ground stamped "US DEPARTMENT OF THE INTERI	IOR BUREAU OF LAND MANAGEMENT MS 7894 CORNER 1, 1981"
4008	679286.12	937285.56	Found steel post adjacent to a 24" x 13" x 6" Stone, no markings found old flagging	
4010	679779.06	937115.01	Found 3.25" dia. brass cap set 0.8' above ground stamped "US DEPARTMENT OF THE INTERI	IOR BUREAU OF LAND MANAGEMENT MS 810 CORNER 1, 1981"
4012	679629.79	937025.28	Found 3.25" dia. brass cap set 0.7' above ground stamped "US DEPARTMENT OF THE INTERI	
4013 4014	679982.78 680165.99	936312.56 936312.56	Found 2.875" dia. brass cap set in metal grate 13' x 11' Stamped "State of Colorado Mined Land Found 2.875" dia. brass cap set in metal grate 13' x 11' Stamped "State of Colorado Mined Land	
4015	679821.41	936323.99	Found 2.875" dia. brass cap set in metal grate 13 x 11" Stamped "State of Colorado Mined Land Found 2.875" dia. brass cap set in metal grate 13' x 11' Stamped "State of Colorado Mined Land	
4016	679829.32	936311.50	Found 2.875" dia. brass cap set in metal grate 13' x 11' Stamped "State of Colorado Mined Land	
4018	684731.78	944036.51	Found 3.25" dia. brass cap on 3" pipe set in rock mound Stamped "US DEPARTMENT OF THE	
4019	684923.83	944079.13	Found 1" Red Plastic Cap, on #5 Rebar 0.4' above ground stamped "LS 25353"	
4020	684924.14	944075.79	Found 1/2" Metal Rod in Ground 0.2' Above the ground no markings	
7011	681773.38	943213.08	Found 3.25" dia. brass cap set in 0.5' dia. conc., 0.5' out of the ground, cap stamped "COLO DEI	PT OF HIGHWAYS R.O.W. MARKER".
7079 7088	681522.33 686240.62	943403.81 944941.52	Found 3.25" dia. brass cap set in 0.5' dia. conc., 0.7' out of the ground, cap stamped "STATE HIGH Found 3.25" dia. brass cap set in 0.5' dia. conc., flush with ground, cap stamped "COLO DEPT COLO	GHWAY DEPT - FAP NO - 5ta 3 15+00 EL 85/2.80 - K.O.W. MAKKEK .
7107	684615.01	944753.85	Found 3.25" dia. brass cap set in 0.5' dia. conc., 0.7' out of the ground, cap stamped "COLO DEI	PT OF HIGHWAYS R.O.W. MARKER"
7115	685441.24	944480.04	Found 3.25" dia, brass cap set in 0.5' dia, conc., 0.7' out of ground, cap stamped "COLO DEPT of	OF HIGHWAYS R.O.W. MARKER".
7131	686988.62	945020.36	Found 3.25" dia. brass cap set in 0.5' dia. conc., 0.7' out of the ground, cap stamped "COLO DEI Found 1.5" dia. orange plastic cap on #5 rebar, 0.2' above the ground, cap stamped "HIS CONS	PT OF HIGHWAYS R.O.W. MARKER".
7135	685577.66 686106.20	944445.43 944507.51	Found 1.5" dia. orange plastic cap on #5 rebar, 0.2' above the ground, cap stamped "HIS CONS"	ULTS PLS 20140".
7136 7174	687351.83	944592.77	Found 1.5" dia. red plastic cap on #5 rebar, 0.3' out of the ground, cap stamped "GREG MARKLI	E LO 20070 . F I S 25373"
7176	687781.86	945110.06	Found 1.5" dia. red plastic cap on #5 rebar, 0.6' out of the ground, cap stamped "GREG MARKLI Found 1.5" dia. alum. cap on #5 rebar, 0.5' out of the ground, cap stamped "5274".	
7181	690081.04	945170.59	Found 3.25" dia. brass cap on 2.25" dia. pipe, 0.7' out of the ground, cap stamped in part "CADA	STRAL SURVEY, BUR. OF LAND MANAGEMENT, S 5 GEORGETOWN 11, 1964".
7184	688082.54	945157.34	Found #5 rebar, flush with ground, no cap.	
7231 7247	685778.58 686286.00	945192.95 945117.84	Found 1" dia. red plastic cap, flush with ground, cap stamped "RICHMOND PLS 26298". Found 3.25" dia. brass cap set in 0.5' dia. conc., 0.3' out of the ground, cap stamped "STATE HICE	CHWAY DEDT - DWA NO 6000 C - Sto 267±00 EI 9471 47 D O W MARKED"
7247 7248	686286.48	945117.84	Found 1.5" dia. brass cap set in 0.5 dia. conc., 0.5 out of the ground, cap stamped "51ATE HIV Found 1.5" dia. alum. cap on #5 rebar, 0.4' out of ground, cap stamped "5273".	GITVYAT DEFT - FVVA NO 0003 C - 318 30/T00 ET 04/T.4/ - K.O.VV. WARKER .
7249	684799.48	944951.81	Found #5 rebar, 0.4' below ground, no cap.	
7252	683900.35	944850.91	Found stone Hwy. Marker 11" long by 6" wide, 4' above the ground, marked in part "P.W.A. 6009	9 , A.W.P. 8009-A, PAP 2330-1".
7253	683816.82	944841.46	Found #5 rebar with flagging in pile of rocks, no cap.	

Colorado Department of Transportation Region 1 Right of Way

18500 East Colfax Avenue Aurora, Colorado 80111

Phone: 303-365-7410 Fax: 303-365-7350 Right of Way Plan Unit: Kevin Williams, PLS

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LUND 12265 W. Bayaud Avenue, Suite 130 Lakewood, Colorado 80228 P:303.989.1461 F: 303.989.4094

Right of Way Plans Survey Control Diagram Project Number: IM 0703-324 Project Location: INTERSTATE 70 MP 225.9 TO MP 227.9 Project Location: GEORGETOWN, CLEAR CREEK COUNTY
Project Code: Last Mod. Date Subset Sheets Sheet No. 16105 04-01-09 4.07 of 4.07

TABULATION OF FOUND MONUMENTATION

	PROJECT COOR	DINATES US FT	
POINT NAME	NORTHING	EASTING	DESCRIPTION
8053 8064	678963.88 677980.12	937546.55 935150.21	Found 3.25" dia. brass cap set in 0.5' dia. conc., 0.9' out of the ground, cap stamped "COLO DEPT OF HIGHWAYS R.O.W. MARKER". Found 3.25" dia. brass cap set in 0.5' dia. conc., 0.6' out of the ground, cap stamped "COLO DEPT OF HIGHWAYS R.O.W. MARKER".
8089	678177.26	936399.47	Found 1.5" dia. yellow plastic cap, 0.3' below asph. on white line, cap unreadable.
8118	678015.49	935927.65	Found 1" dia. orange plastic cap on #3 rebar, 0.3' out of the ground, cap stamped "HAYES & SOUCIE RLS 10388".
8119	678061.73	935927.90	Found 1" dia. orange plastic cap on #3 rebar, 0.7' out of the ground, cap stamped "HAYES & SOUCIE RLS 10388".
8084	679699.93	939666.26	Found CDOT Type 1 Monument "PLS 23521 PC 14982"
8190	679866.53	939891.32	Found CDOT Type 5 Monument "PLS 23521 PC 14982"
8207	680191.96	940125.50	Found CDOT Type 5 Monument "PLS 23521 PC 14982"
8219	680226.43	940219.37	Found CDOT Type 1 Monument "PLS 23521 PC 14982"
8221	680014.28	940510.35	Found CDOT Type 1 Monument "PLS 23521 PC 14982"
8232	680108.68	940751.42	Found CDOT Type 1 Monument "PLS 23521 PC 14982"
8419	679227.29	937848.51	Found 3 1/4" in Concrete post marked "COLO. DEPT OF HIGHWAYS"

TABULATION OF ALIQUOT CORNERS

	PROJECT COORDINATES US FT			
POINT NAME	NORTHING	EASTING	LOCATION	DESCRIPTION
40	678231.41	936851.20	Reference for the S.W. Corner Section 18, T. 4 S., R. 74 W., 6TH PM	Found 3.5" dia. BLM brass cap, 0.4' below surface, cap stamped as shown on sheet 3C.
41	678244.34	936869.38	Reference for the S.W. Corner Section 18, T. 4 S., R. 74 W., 6TH PM	Found 2.5" dia. iron pipe with no cap.
240	693919.37	947770.25	N.E. Corner Section of 5, T. 4 S., R. 74 W., 6TH PM	Found 3.25" dia. BLM brass cap, 0.4' above surface
252	680780.98	936891.47	W 1/4 Corner of Section 18, T. 4 S., R. 74 W., 6TH PM	Found 3.25" dia. alum. cap on 2.5" dia. pipe, 1' above the ground, cap stamped as shown on sheet 3C.
253	680905.71	942288.12	E 1/4 Corner of Section 18, T. 4 S., R. 74 W., 6TH PM	Not found, calculated position based on the mid point between the N.E. and S.E. corners of section 18.
253 A	680935.71	942288.77	30' Witness Corner E 1/4 Corner of Section 18, T. 4 S., R. 74 W., 6TH PM	Found 3.25" dia. Aluminum CDOT Cap Flush with ground, Stamped "WC 30' E 1/4 PLS 23521"
263	678249.46	936851.50	S.W. Corner of Section 18, T. 4 S., R. 74 W., 6TH PM	Not found, calculated position based on reference ties points 40 & 41.
272	678303.56	942233.70	S.E. Corner Section of 18, T. 4 S., R. 74 W., 6TH PM	Found 3.25" dia. BLM brass cap flush in mound of stones, cap stamped as shown on sheet 3C.
275	683507.86	942342.54	N.E. Corner Section of 18, T. 4 S., R. 74 W., 6TH PM	Found 3.25" dia. BLM brass cap, 1.4' above surface, cap stamped as shown on sheet 3D.

Note: This Control Survey was completed under Project Number: IM 0703-324 Project Code: 16105. A signed and sealed copy is on file within the records of CDOT Region 1 Survey office. The information contained hereon has been approved by the CDOT Region Survey Coordinator for re-use on Project Number: SHE M515-004 Project Code: 17658. All future survey data for this project was acquired using the information on this Control Survey.