

COLORADO DEPARTMENT OF TRANSPORTATION

CONTROL AND MONUMENTATION SHEET

IN SECTION 31, T.5S., R.68W.; SECTION 36, T.5S., R. 69W.; AND SECTION 1, T.6S., R.69W. OF THE 6TH P.M.

COUNTIES OF ARAPAHOE AND JEFFERSON

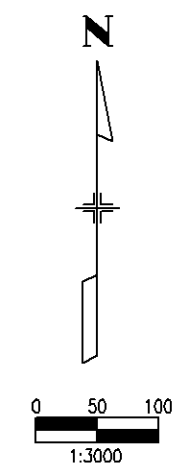
PROJECT NO. NHS 470-085 SUB. ACCT. #11595
C-470/SANTE FE TO WADSWORTH (STA 363+00 to 423+00)

CONTROL POINT COORDINATES-PROJECT SPECIFIC (METRIC)

POINT	NORTHING	EASTING	ELEVATION
CHAT(3.085068)	496891.927	951845.428	1685.865
MNRL(3.071028)	499674.045	955691.190	1644.822
401	497618.242	953488.433	1642.776
402	497560.171	953114.887	1647.674
404	497502.072	952741.329	1650.544
407	497510.894	952566.327	1653.353
412	497400.596	952155.212	1673.801
3.083057	497455.043	952602.151	1657.321
3.083060	497425.310	952290.581	1669.960
3.083063	497369.354	951996.299	1676.347
3.083064	497331.220	951842.264	1679.121

GPS CONTROL POINT COORDINATES-STATE PLANE (METRIC)

POINT	LATITUDE	LONGITUDE	CONVERGENCE	SCALE	G.E.F.	NORTHING	EASTING	DESCRIPTION
CHAT(3.085068)	39°33'41.87490"	105°04'03.05206"	0°16'21.951"	0.999968165	0.999735505	496746.678	951567.190	Fnd. 3-1/4" alum. disk in access cover, 33ft. of 3/4" dia. rod
MNRL(3.071028)	39°35'11.43516"	105°01'21.38128"	0°18'03.915"	0.999971747	0.999741943	499527.983	955411.828	Fnd. 3-1/4" alum. disk in access cover stamped 3.085068
401	39°34'05.15990"	105°02'54.09254"	0°17'05.443"	0.999969078	0.999742264	497472.781	953209.715	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
402	39°34'03.33740"	105°03'09.74991"	0°16'55.568"	0.999969006	0.999741496	497414.727	952836.278	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
404	39°34'01.51339"	105°03'25.40754"	0°16'45.693"	0.999968934	0.999741046	497356.645	952462.829	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
407	39°34'01.82694"	105°03'32.73532"	0°16'41.071"	0.999968946	0.999740605	497365.464	952287.878	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
412	39°33'58.31590"	105°03'49.97617"	0°16'30.198"	0.999968808	0.999737398	497255.199	951876.883	Fnd. 3-1/2" brass cap in conc. Corps. of Engineers, US Army N 1/4, Sec. 1 T.6S., R.69W. LS 28656
3.083057	39°34'00.01087"	105°03'31.24625"	0°16'42.010"	0.999968875	0.999739983	497309.630	952323.692	Set CDOT Type 2 Monument
3.083060	39°33'59.09588"	105°03'44.30162"	0°16'33.777"	0.999968839	0.999738000	497279.905	952012.213	Set CDOT Type 2 Monument
3.083063	39°33'57.32782"	105°03'56.63805"	0°16'25.996"	0.999968769	0.999736998	497223.966	951718.017	Set CDOT Type 2 Monument
3.083064	39°33'56.11549"	105°04'03.09698"	0°16'21.922"	0.999968722	0.999736563	497185.843	951564.027	Set CDOT Type 2 Monument

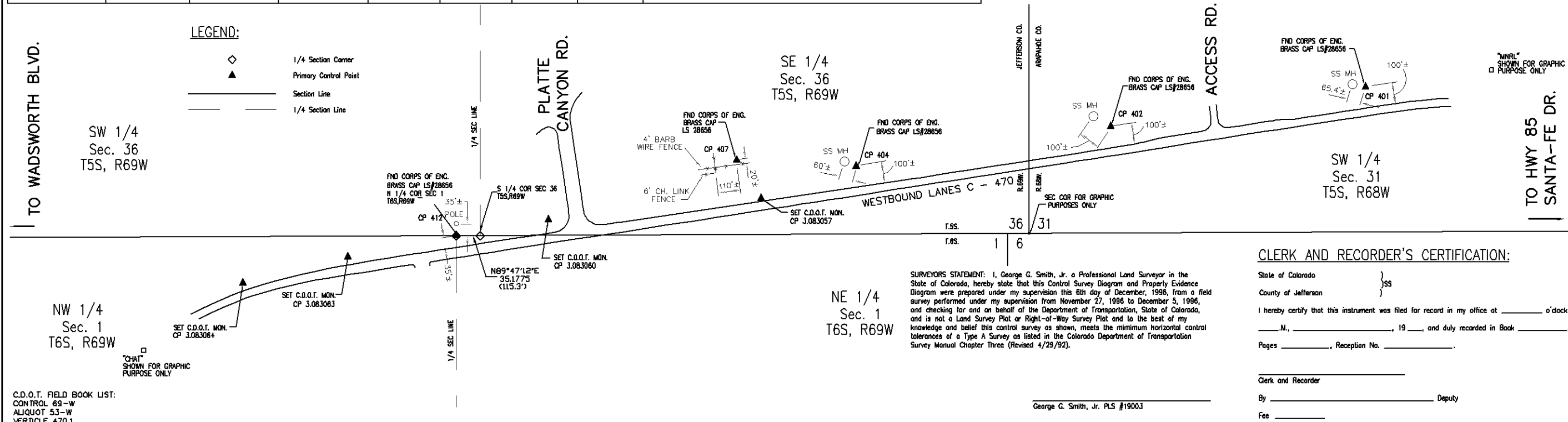


NOTES:

- This control survey is for the use of 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 restrictions, as described in the instruments of record, was not included in this control survey.
- 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 certification shown hereon.
- No warranty is implied or expressed unless this sheet bears the original signature and seal of the preparer.
- BASIS OF BEARING:** The geodetic bearing of N 54°07'02" E from point "CHAT" to point "MNRL" is based on known GPS Coordinates supplied by CDOT.
- Project Ground Coordinates were established using the following factors: Scale Factor = 0.999968851; and Elevation Factor = 0.999738468
- Project Benchmark T-409, located at the junction of South Wadsworth Blvd. and Chatfield Ave. in Columbine Hills Subdivision. Monument is 18.0 meters (59.3 ft.) East of the centerline of Wadsworth Blvd. on the East R.O.W. of Wadsworth, approx. 200' North of Chatfield Ave. and 0.3 meters West from a witness post and fence. The mark is above level with Wadsworth Blvd. Station mark is through a 5" logo cap, being a stainless steel rod without sleeve (10 ft.) in range box stamped T-409 1984, Vert. Datum - NAVD 88, Elev.=1704.794m.

LEGEND:

- ◊ 1/4 Section Corner
- ▲ Primary Control Point
- Section Line
- - - 1/4 Section Line



SURVEYORS STATEMENT: I, George G. Smith, Jr. a Professional Land Surveyor in the State of Colorado, hereby state that this Control Survey Diagram and Property Evidence Diagram were prepared under my supervision this 6th day of December, 1996, from a field survey performed under my supervision from November 27, 1996 to December 5, 1996, 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 A Survey as listed in the Colorado Department of Transportation Survey Manual Chapter Three (Revised 4/29/92).

CLERK AND RECORDER'S CERTIFICATION:

State of Colorado }
County of Jefferson } SS
I hereby certify that this instrument was filed for record in my office at _____ o'clock _____ M., _____, 19____, and duly recorded in Book _____, Pages _____, Reception No. _____.

Clerk and Recorder _____
By _____ Deputy
Fee _____

C.D.O.T. FIELD BOOK LIST:
CONTROL 69-W
ALIQUOT 53-W
VERTICLE 470.1

Computer File Information	
Creation Date:	12/05/96 Initials: MLK
Last Modification Date:	03/10/97 Initials: VCB
Full Path:	I:\961105\SURVEY\SUPL01.dwg
Drawing File Name:	SUPL01.dwg
Acad Ver.	R12 Scale: 1:3000 Units: METRIC

Sheet Revisions		
(R-1)	03/10/97	Removed Project No. VCB
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Colorado Department of Transportation

KIRKHAM MICHAEL
CONSULTING ENGINEERS
7800 EAST ORCHARD RD., #2205
ENGLEWOOD, COLORADO 80111
303-694-2300 FAX 694-2822

Region 6

As Constructed	Control and Monumentation Sheet		Project No./Code
Na Revisions:	Designer: GGS	Structure Numbers:	
Revised:	Detailer:	Sheet Subset:	Subset Sheets: 1 of 2
Void:			Sheet Number

COLORADO DEPARTMENT OF TRANSPORTATION

CONTROL AND MONUMENTATION SHEET

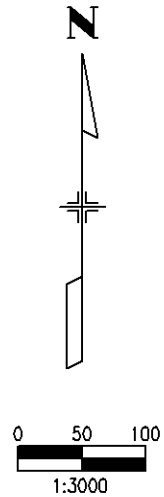
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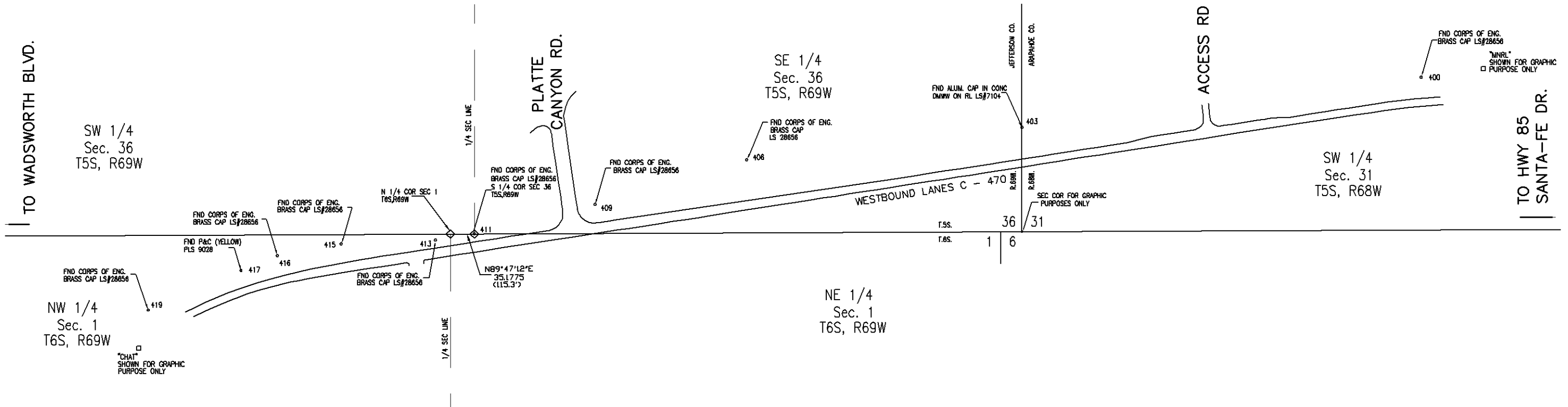
PROPERTY CONTROL EVIDENCE - PROJECT SPECIFIC (METRIC)

POINT	NORTHING	EASTING	DESCRIPTION
403	497556.848	952995.288	Fnd. 3-1/4" Alum. cap in conc. DMWW on rangeline, LS 7104
406	497509.511	952590.642	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
409	497443.963	952367.811	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
411	497400.727	952190.389	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
413	497391.340	952132.981	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
415	497385.864	951994.262	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
416	497368.756	951900.806	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656
417	497347.189	951847.296	Fnd. #5 rebar with yellow plastic cap PLS 9028
419	497288.792	951710.956	Fnd. 3-1/2" brass cap Corps. of Engineers, US Army LS 28656



LEGEND:

	1/4 Section Corner
	Property Evidence
	Section Line
	1/4 Section Line



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CONTROL 69-W
ALIQUOT 53-W
VERTICLE 470.1

Computer File Information	
Creation Date:	12/05/96 Initials: MLK
Last Modification Date:	03/10/97 Initials: VCB
Full Path:	I:\961105\SURVEY\
Drawing File Name:	SUPL02.dwg
Acad Ver.:	R12 Scale: 1:3000 Units: METRIC

Sheet Revisions	
	03/10/97 Removed Project No. VCB

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Region 6

As Constructed
No Revisions:
Revised:
Void:

Property Evidence Diagram	
Designer:	GGS
Detailer:	
Structure Numbers:	
Sheet Subset:	
Subset Sheets:	2 of 2

Project No./Code
Sheet Number