RIGHT OF WAY PLANS UNIT:

RIGHT	0F	WAY	
CONTROL	DI	AGRAN	1

PROJECT NUMBER:

PROJECT CODE:

SHEET NUMBER:

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

Sheet Revisions

SYMBOL LEGEND

SECTION CORNER AS DESCRIBED

1/4 CORNER AS DESCRIBED

PRIMARY CONTROL POINT

SET THIS SURVEY (SECONDARY CONTROL POINT SET THIS SURVEY

SURVEY CONTROL DIAGRAM FEDERAL AID PROJECT NO. STU 083A-026 STATE HIGHWAY NO. 83

PARKER AND ARAPAHOE/INTERCHANCE/ SECTIONS 19, 20, 28, 29, 30, & 32 TOWNSHIP 5 SOUTH, RANGE 66 WEST, 6th P.M. ARAPAHOE COUNTY, COLORADO

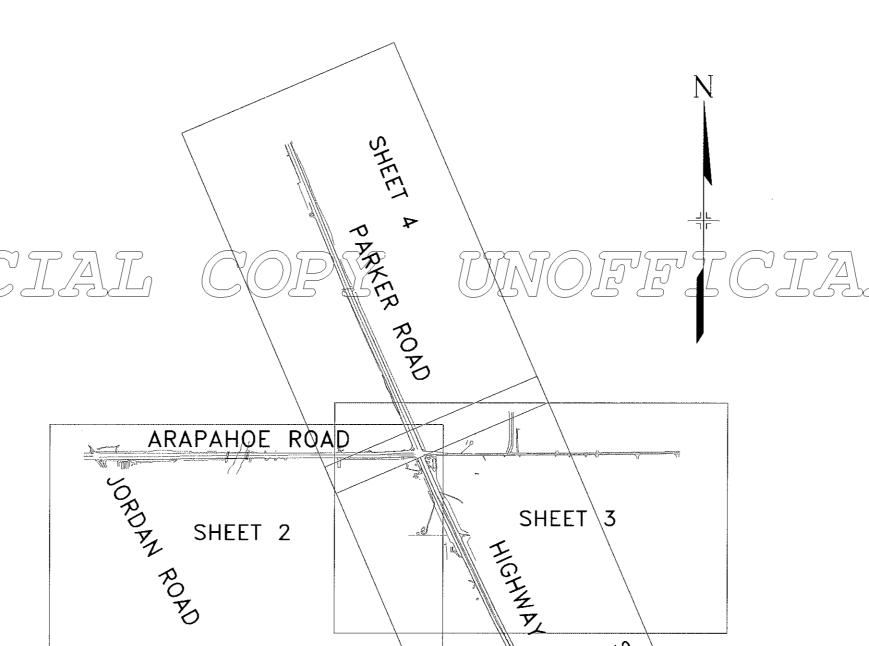
GROUND COORDINATES (METERS)
COLORADO CENTRAL ZONE (NAD 1983-1992)
FOUND SECTION CORNERS USED FOR HORIZONTAL CONTROL ARAPAHOE COUNTY CONTROL NETWORK

PT. #	NORTHING	EASTING	ELEVATION	DESCRIPTION
107	502341.3514	973903.5113	1720.273	NW CORNER SEC 20 T5S R66W C 1/4 CORNER SEC 20 T5S R66W S 1/4 CORNER SEC 19 T5S 666W SW CORNER SEC 20 T5S R66W
116	501543.3790	974708.0500	1745.165	
123	500729.2548	973104.8880	1730.501	
124	500730.7116	973902.8460	1720.216	
125	500735.1590	974707-0974	1730.266	S 1/4 CORNER SEC 20 T5S R66W
126	500740.8430	975511.5391	1757.700	SE CORNER SEC 20 T5S R66W
145	499126.4934	973908.8223	1737.968	SW CORNER SEC 29 T5S R66W
147	499131.6762	975521.3640	1751.442	SE CORNER SEC 29 T5S R66W
157	498327.2473	975509.2625	1739.400	E 1/4 CORNER SEC 32 T5S R66W

NOTE: SEE LINE SHEETS FOR MONUMENT DESCRIPTIONS.

SURVEY CONTROL SET THIS SURVEY

			·	<u> </u>	
	PT. #	NORTHING	EASTING	ELEVATION	DESCRIPTION
	201	498945.7792	975429.1711	1741.107	CDOT CONTROL MONUMENT TYPE 1
	202	499277.0640	975360.5254	1741.014	CDOT CONTROL MONUMENT TYPE 1
	203	499561.7918	975170.4716	1738.500	CDOT CONTROL MONUMENT TYPE 1
	204	499912.8765	974986.9938	1740.109	CDOT CONTROL MONUMENT TYPE 1
	205	500233.7301	974832.5348	1743.635	CDOT CONTROL MONUMENT TYPE 1
	206	500423.9134	974801.0350	1744.880	CDOT CONTROL MONUMENT TYPE 1
	207	500723.0332	974655.6968	1729.481	ARAPAHOE COUNTY BENCHMARK #283
	301	501029.0765	974479.9250	1725.885	CDOT CONTROL MONUMENT TYPE 1
	302	501255.2491	974428.4723	1726.227	CDOT CONTROL MONUMENT TYPE 1
	303 9	501529,2154		1729.526	COOT CONTROL MONUMENT TYPE 47
İ	304 //	\\\501836,0934\\\	// 9(74,1 <i>79</i> .1 <i>23</i> 8 //	n 1727.176 ///	CDOT CONTROL/MONUMENT/TYPE 1/ (()
	305	50209 6.4 2 87	974010.6972	1720.460	COUTROL MONUMENT TYPE TO
	306	502280.2344	973943.6770	1720.284	CDOT CONTROL MONUMENT TYPE 1
	307	502437.6167	973876.2407	1719.804	CDOT CONTROL MONUMENT TYPE 1
	401	500710.4225	974472.1156	1722.166	CDOT CONTROL MONUMENT TYPE 1
	402	500765.5514	974563.3727	1727.163	CDOT CONTROL MONUMENT TYPE 1
	404	500757.5678	974288.0168	1721.184	CDOT CONTROL MONUMENT TYPE 1
	405	500701.5442	974059.3454	1719.574	CDOT CONTROL MONUMENT TYPE 1
	406	500747.5723	973793.5758	1720.086	CDOT CONTROL MONUMENT TYPE 1
	408	500754.1612	973376.8283	1730.074	CDOT CONTROL MONUMENT TYPE 1
	409	500715.5191	973628.6544	1720.462	CDOT CONTROL MONUMENT TYPE 1
	412	500755.8280	973009.9913	1729.529	CDOT CONTROL MONUMENT TYPE 1
	413	500703.9374	973223.4128	1729.892	CDOT CONTROL MONUMENT TYPE 1
	502	500723.2211	974818.5220	1738.592	CDOT CONTROL MONUMENT TYPE 1
İ	503	500752.3208	974971.2785	1746.559	CDOT CONTROL MONUMENT TYPE 1
	504	500748.9649	975125.4826	1747.679	CDOT CONTROL MONUMENT TYPE 1
	505	500730.0014	975299.2032	1750.844	CDOT CONTROL MONUMENT TYPE 1
	506	500757.1388	975389.8794	1756.139	CDOT CONTROL MONUMENT TYPE 1
	507	500756.5535	975505.2665	1757.777	CDOT CONTROL MONUMENT TYPE 1
	508	500725.3342	975663.7891	1761.220	CDOT CONTROL MONUMENT TYPE 1
	509	500758.3949	975911.4791	1761.714	CDOT CONTROL MONUMENT TYPE 1
	1603	500648.4570	974626.9510	1729.113	SECONDARY CONTROL POINT
	1644	500356.0120	974607.4680	1724.347	SECONDARY CONTROL POINT
	1726	500396.7270	974673.2860	1730.248	SECONDARY CONTROL POINT
	1950	500246.7530	974770.3600	1737.945	SECONDARY CONTROL POINT



SHEET 6

LOCATION MAP

NTS

THIS SURVEY IS NOT A COMPLETE BOUNDARY SURVEY OR RIGHT-OF-WAY SURVEY AND IS PREPARED FOR CDOT PURPOSES ONLY.

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 TENT YEARS FROM THE PATETOF THETEERTIFICATION SHOWN

NO GUARANTEE AS TO THE ACCURACY OF THE INFORMATION CONTAINED IN THIS DIAGRAM IS EITHER STATED OR IMPLIED UNLESS THIS SHEET BEARS THE ORIGINAL SIGNATURE AND SEAL OF THE REGISTERED LAND SURVEYOR NAMED HEREON.

FIELD SURVEY CONTROL PRECISION MEETS OR EXCEEDS CDOT TYPE "A" OR "B" SURVEY REQUIREMENTS.

ALL COORDINATES LISTED IN THIS DIAGRAM ARE BASED UPON THE ARAPAHOE COUNTY, PHASE 1 REVISED, CONTROL SURVEY PREPARED BY JOHN E. CHANCE & ASSOCIATES, INC. DATED OCTOBER 30, 1995.

ALL COORDINATES LISTED ARE STATE PLANE GROUND COORDINATES, COLORADO CENTRAL ZONE (NAD 1983-1992). A COMBINED FACTOR OF 0.999700747 WAS USED. TO CONVERT COORDINATES FROM METERS TO FEET THE U.S. SURVEY FOOT IS USED. THE CONVERSION FACTOR IS ONE METER EQUALS 3937/1200 FEET.

ELEVATIONS LISTED WERE OBTAINED BY DIFFERENTIAL LEVELING USING ARAPAHOE COUNTY BENCHMARKS SHOWN ON THIS DIAGRAM. VERTICAL CONTROL WAS BASED ON ARAPAHOE COUNTY BENCHMARK #283 DESCRIBED IN THIS DIAGRAM.

CITY OF AURORA BENCHMARKS IN AREA ARE SHOWN FOR INFORMATION

CONTROL SURVEY WAS PERFORMED BY USING GPS RTK METHODS. MEASUREMENTS FROM MULTIPLE BASE STATIONS WERE USED.

TMOSS SURVEY IS SHOWN FOR INFORMATION PURPOSES ONLY, TO AID IN LOCATING MONUMENTS.

DEPOSITED THIS <u>A3-d</u> DAY OF <u>Fib.</u> A.D. 1999 AT 2:25 O'CLOCK P.M.

IN BOOK ___ OF LAND SURVEY PLATS AT PAGE _-___, RECEPTION NO. ____01576

OF THE RECORDS OF ARAPAHOE COUNTY, COLORADO.

CLERK & RECORDER DEPUTY CLERK



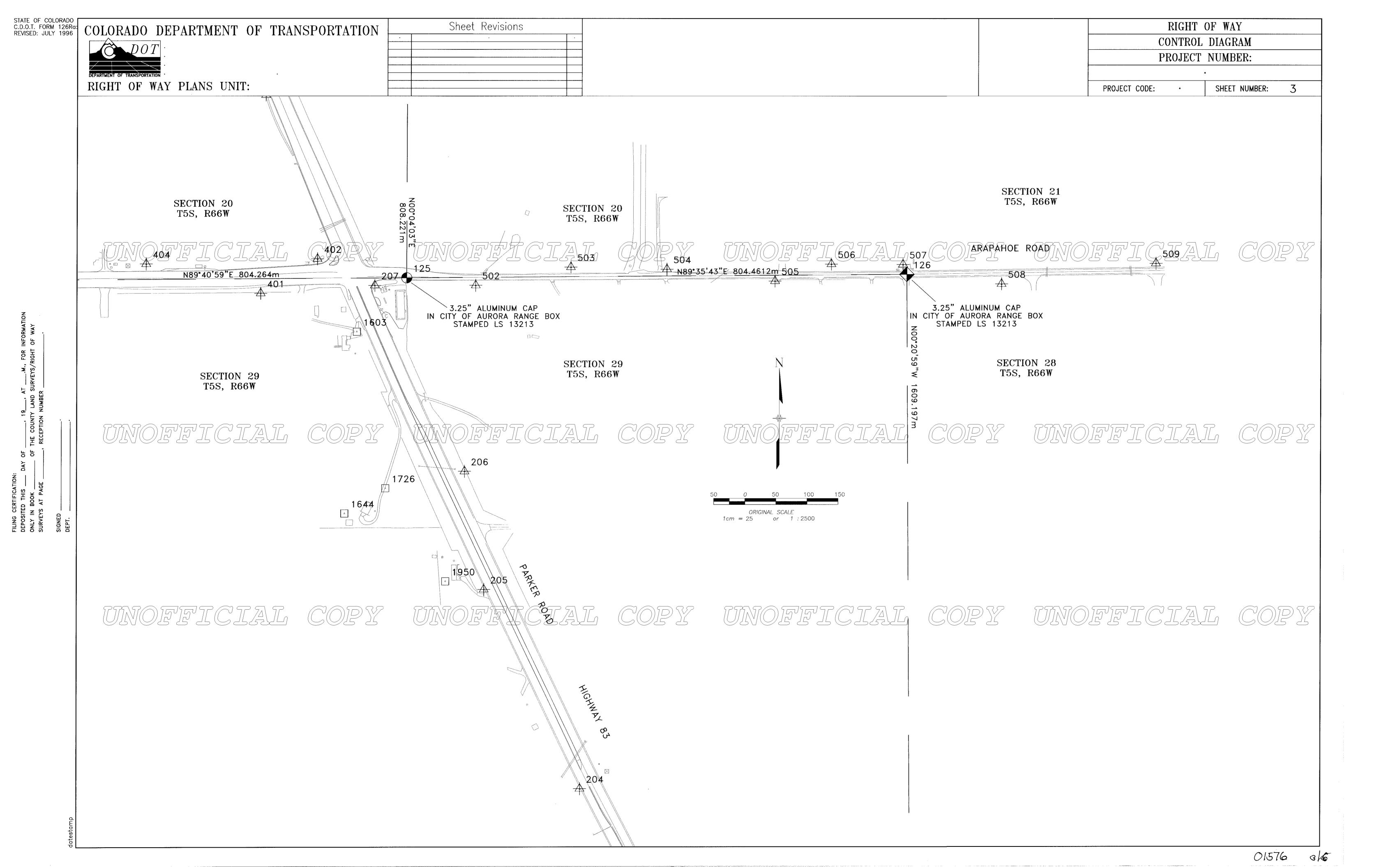
western states SURVEYING, Inc.

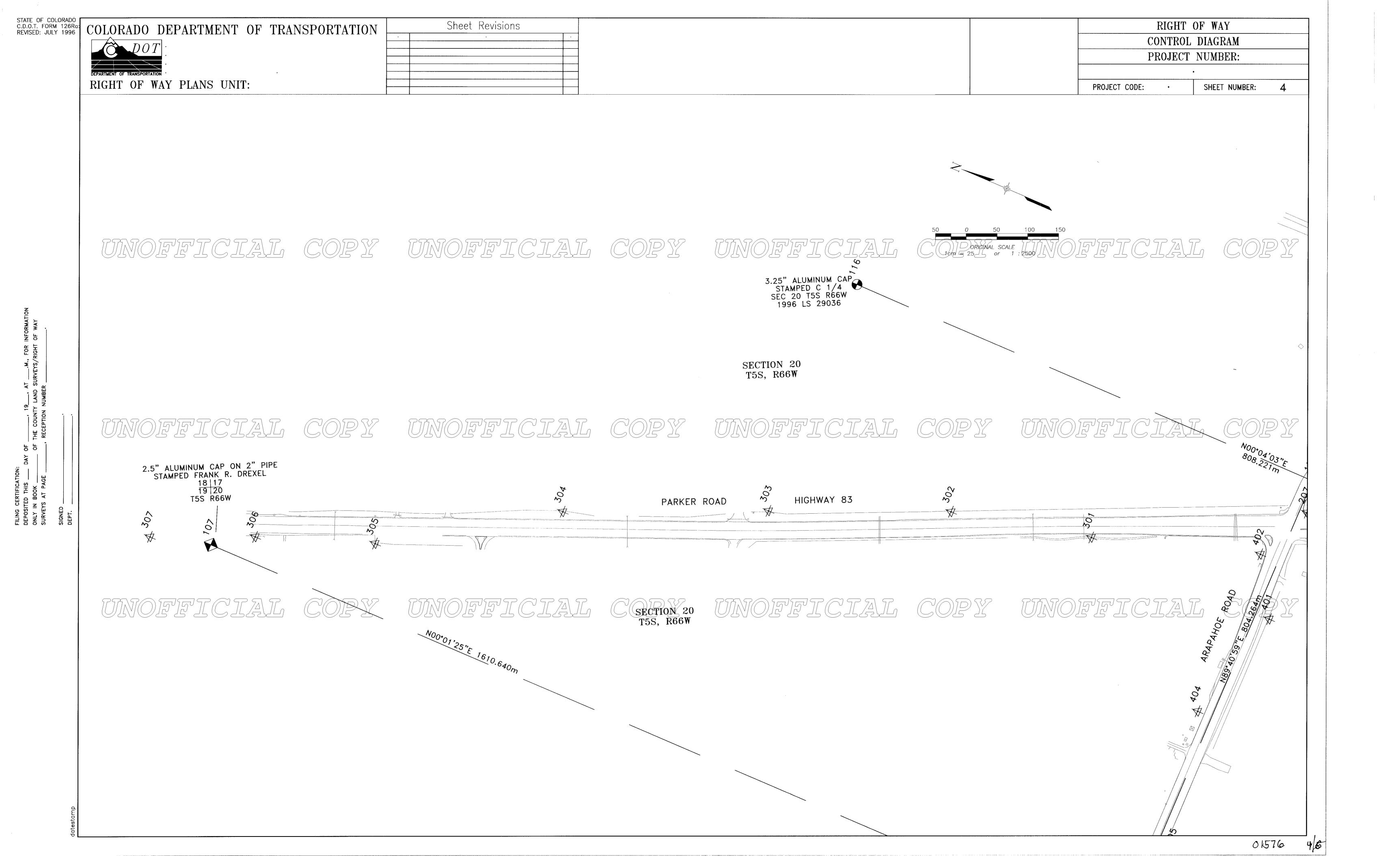
SURVEYOR CERTIFICATE (FIELD)

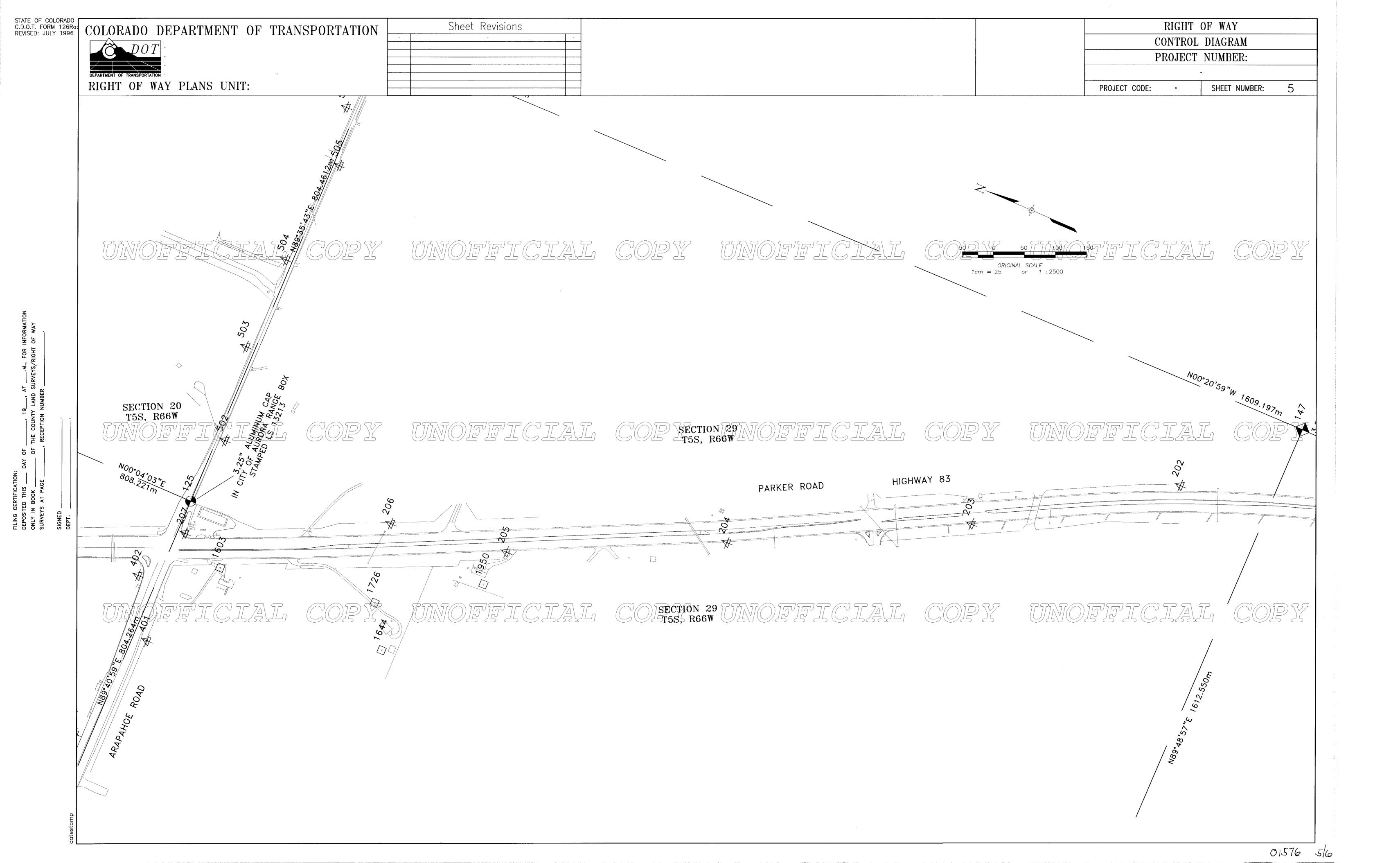
THE MENTATION WAS DONE UNDER MY SUPERVISION AND

P.L.S. NO. 23032

19029 EAST PLAZA DRIVE, SUITE 252 PARKER, COLORADO 80134 (303) 841-7436







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