

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
335	COLORADO	IR-NH(CX) 225-4(46)	1	6

RIGHT OF WAY
1 225,
1-25 to 1-70

REVISIONS

CONVENTIONAL SIGNS

County Line
Township or Range Line
Land Lines
Property or Tract Line
City Limits
Railroad
Existing Road
New Road

Control of Access
Access denied by Deed
Right of Way Line
Protection by Freeway (Virgin Location)
Top of Cuts
Toe of Fills
Barbed Wire Fence
Chain Link Fence
Woven Wire - Combination Fence
Snow Fence
Wood Fence
Deer Fence

Trees
Tel. & Teleg. Lines
Electric Lines
Elec. Trans. Tower
Buried Tel. Cable
Buried Electric Cable
Gas Main
Oil Main
Water Main
Sanitary Sewers
Storm Sewers
Road Approaches
Section Corner
Center of Section
Culverts & Drains
Bridges

BASIS OF BEARINGS - Bearings are based on the north line of the northwest quarter of Section 31, Township 3 South, Range 66 West of the Sixth Principal Meridian being assumed N89°33'37"E. The northwest corner of Section 31 being a 2 1/4 inch diameter steel pipe, with missing cap, set in concrete and the north quarter corner of Section 31 being a 3" brass cap in range box, stamped "CITY OF AURORA 1984 LS 13327".

DATE: OCTOBER 1993
SUBACCOUNT: 88035
REGION 6

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. IR-NH(CX) 225-4(46) Unit 1

1-225, 1-25 TO 1-70
ADAMS COUNTY

RIGHT OF WAY

SCALE OF ORIGINAL DRAWINGS
PLAN SHEETS 1" = 100'
OWNERSHIP MAPS 1" = 200'
SURVEY CONTROL SHEET AS SHOWN
PROJECT LENGTH 1.00 MILES

M.P. 11.099
STA. 1583+12.21 END IR 225-4(49)=
STA. 59+67.50 ON IR 225-4(38)

M.P. 10.308
STA. 1541+36.70 BEGIN IR 225-4(49)=
STA. 101+61.67 ON 1-225-4 (S)210

M.P. 11.108
END R.O.W. PROJECT
STA. 1583+80.45 PROJECT IR-NH(CX) 225-4(46)

ADAMS COUNTY
T.3S.
T.4S.
ARAPAHOE COUNTY
M.P. 10.111
BEGIN R.O.W. PROJECT
STA. 1530+55.46 PROJECT IR-NH(CX) 225-4(46)

SHEET NO.	INDEX OF SHEETS
1	TITLE SHEET
2	TABULATION OF OWNERSHIPS
3-5C	MONUMENTATION, CONTROL AND GENERAL NOTES
4-5	PLAN SHEETS
6	OWNERSHIP SHEET

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
AUTHORIZED	DATE
DIVISION ADMINISTRATOR	

PART OF SECTIONS 25 & 36
TOWNSHIP 3 SOUTH, RANGE 67 WEST
& PART OF SECTIONS 30 & 31
TOWNSHIP 3 NORTH, RANGE 66 WEST
OF THE 6TH P.M.

VICINITY MAP

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	IR-NH(CX) 225-4(46)	2	6

RIGHT OF WAY			REVISIONS
I 225			
I-25 to I-70			
	REVISED PARCEL 1	CEI	
	REVISED PARCELS 4 AND 7	CEI	
	ADD PE-8	RS	

R.O.W. TABULATION OF PROPERTIES IN ADAMS COUNTY

IR-NH(CX) 225-4(46)

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN SQUARE FEET				PARCEL NO.	REMARKS
				PARCEL	TO BE ACQUIRED	REMAINDER			
						LEFT	RIGHT		
1	Dwight L. Lieb	1202 Hallmark Dr. San Antonio Tx, 78216	Lot 4, Block 5, Guthell Gardens SW 1/4 Section 31 T.3 S. R.66 W., 6th PM	23,307	23,307	113,614		1	Partial take. ACQUIRED BY CDDT BY WD RECEIPT NO. C 0117206 Bk. 4611 Pg. 705-706 RECORDED 10/23/95 ACCESS - RECEIPT NO. C 0117206 Bk. 4611 Pg. 707-708 RECORDED 10/23/95
PE-2	LSC Limited Liability	2075 Potomac St. Aurora Co, 80011	NW 1/4 Section 31 T.3 S. R.66 W., 6th PM	6,402	6,402			PE-2	For the purpose of channel maintenance and slopes. PERMANENT EASEMENT ACQUIRED BY RULE + ORDER RECEIPT NO. C 0139741 Bk. 4665 Pg. 480-483 RECORDED 1/18/96
TE-3	City of Aurora	1470 S. Havana St. Aurora Co, 80012	Parcel A, Sable Village Sub. Filing No. 1 NW 1/4 Section 31 T.3 S. R.66 W., 6th PM	8,201	8,201			TE-3	For the purpose of constructing slopes.
TE-3B	City of Aurora	1470 S. Havana St. Aurora Co, 80012	NW 1/4 Section 31 T.3 S. R.66 W., 6th PM	7,638	7,638			TE-3B	For the purpose of constructing slopes.
TE-3C	City of Aurora	1470 S. Havana St. Aurora Co, 80012	NE 1/4 Section 36 T.3 S. R.67 W., 6th PM	26,704	26,704			TE-3C	For the purpose of reconstruction of a channel.
4 REV	Morris Brothers Construction Co.	N/A	Block 53, Morris Heights Filing No. 5 NW 1/4 Section 31 T.3 S. R.66 W., 6th PM	11,007	11,007		32,644	4 REV	Partial take
5	TRI S Corporation	N/A	SW 1/4 Section 30 T.3 S. R.66 W., 6th PM	747	747		22,000	5	Partial take. ACQUIRED BY OCD FROM CITY OF AURORA Receipt No. C 0160903 Bk. 4715 Pg. 527-530 (+ ACCESS RIGHTS) 4/02/96
6	Germain Investment Co.	910 1st St. Suite 1050 Denver Co, 80202	Lots 1 thru 8, Block 72, Morris Heights Filing No. 5 SW 1/4 Section 30 T.3 S. R.66 W., 6th PM	5,974	5,974			6	Total take. LIS PENDING Receipt # C 0147681 Bk. 4683 Pg. 569-572 2/15/96 (INCLUDES ACCESS RIGHTS) ACQUIRED BY RULE + ORDER BY CDDT WITH ACCESS RIGHTS Receipt. No. C 0160902 Bk. 4715 Pg. 523-526 4/2/96
7	Huntington C. Brown, Successor Trustee	1401 17th St. Suite 300 Denver Co, 80202	Lot B, Morris Heights Filing No. 5 NW 1/4 Section 31 T.3 S. R.66 W., 6th PM	9,362	9,362			7	Partial take.
PE-8	DELORES D. MARTINDALE	3581 E. 118th Ave. Thornton, CO	SE 1/4 SE 1/4 Section 25 NE 1/4 NE 1/4 Section 36 T.3 S. R.67 W., 6th PM	47,621	47,621			PE-8	For construction of a drainage ditch & maintenance of roadway slopes. PERMANENT EASEMENT TO CDDT Receipt. No. C 0168197

MONUMENTATION AND GENERAL NOTES

FEDERAL AID PROJECT NO. IR-NH(CX) 225-4(46)

ADAMS COUNTY

SECTIONS 25, 30, 31 & 36

RANGE 66 & 67 WEST

TOWNSHIP 3 & 4 SOUTH

QUANTITY OF CDOT MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE					
	1	2	3	4	5	6
REFERENCE						
RIGHT OF WAY	11					
CONTROL						
ALIQUOT COR.						

TABULATION OF R.O.W. MARKERS TO BE SET

POINT NO.	COORDINATES IN U.S. SURVEY FEET	
	NORTH	EAST
485	84089.8184	90202.7383
487	83519.8305	90206.6314
511	83519.7367	90194.4118
640	79392.8375	90587.6147
654	79048.6332	90449.7219
655	79048.5639	90559.7180
680	83020.9208	90234.5103
681	82848.7000	90270.5000
682	82659.2000	90322.5000
683	82288.0000	90450.0000
684	82280.7961	90465.9170

NOTES

1. THE MONUMENTING LAND SURVEYOR WILL, UPON COMPLETION, CERTIFY TO THE MONUMENTATION AS PER THE CERTIFICATION SHOWN AT RIGHT, AND FILE WITH THE COUNTY PER C.R.S. 38-61-107.
2. R.O.W. MARKERS SET MUST DISPLAY THE PROFESSIONAL LAND SURVEYOR'S REGISTRATION NUMBER AND THE COORDINATE POINT NUMBER PER THIS SET OF PLANS.
3. THIS RIGHT OF WAY PLAN IS NOT A COMPLETE BOUNDARY SURVEY OF ALL ADJOINING OWNERS, AND IS PREPARED FOR CDOT PURPOSES ONLY.
4. ALL R.O.W. MARKERS WILL BE SET FROM SURVEY CONTROL POINTS, AS SHOWN ON CONTROL SHEET.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION AND REPLACEMENT OF ALL DISTURBED ALIQUOT CORNERS AND CONTROL MONUMENTS, UNDER THE DIRECT SUPERVISION OF A REGISTERED LAND SURVEYOR.
6. SUBSTANDARD AND DISTURBED ALIQUOT CORNERS CONTROLLING THIS PROJECT AND SHOWN HEREON, MUST BE RESET AND MONUMENT RECORDS FILED PER RULE XII OF BYLAWS AND RULES OF PROCEDURE OF THE STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS AND PER 38-53-103, C.R.S., BY THE CONTRACTOR.
7. EASEMENTS SHOWN ARE OF RECORD.
8. ALL DOCUMENTS REFERENCED IN THESE R.O.W. PLANS ARE RECORDED AT THE ADAMS COUNTY CLERK AND RECORDERS UNLESS OTHERWISE NOTED.
9. ACCORDING TO THE RECORDED PLAT OF MORRIS HEIGHTS FILING NO. 5, THE CITY OF AURORA HAS AN EASEMENT TO THE ENTIRETY OF (PARCEL NO. 9).
10. RIGHT OF WAY FOR THE GRAFADOT DITCH AS DESCRIBED IN THE FILING THEREFOR ON MARCH 6, 1899 FILING NO. 11930. (AFFECTS PARCEL 9).
11. AN EASEMENT FOR DRAINAGE AND INCIDENTAL PURPOSES COVERS THE ENTIRE 40.00 FEET OF LAND. (AFFECTS PARCEL 10).
12. THE 40.00 FOOT DRAINAGE EASEMENT AS SHOWN IN BLOCK 72 WHICH, REGARDLESS OF ANY REVERSION, SHALL ALWAYS EXTEND TO THE SOUTH BOUNDARY OF THE PLAT. (AFFECTS PARCEL 10).
13. PROVISIONS CONTAINED IN THE DEDICATION OF THE PLAT STATING THAT IN THE EVENT THE STATE HIGHWAY DEPARTMENT OF THE STATE OF COLORADO INDICATED BY POSITIVE AND AFFIRMATIVE ACTIONS TO TAKE POSSESSION OF THE WEST PORTION OF BLOCK 72 FOR HIGHWAY PURPOSES, THEN IN SUCH EVENT EAST 26th AVENUE AS PLATED HEREIN SHALL REVERT TO THE DEDICATOR HEREOF. (AFFECTS PARCEL 10).
14. THERE ARE EASEMENTS FOR GAS DISTRIBUTION LINES INTO SHADY MEADOWS MOBILE HOME PARK WHICH DO NOT AFFECT THE PERMANENT EASEMENT AS RECORDED JULY 6, 1971 IN BOOK 1711 AT PAGE 242. (AFFECTS PARCEL 12).
15. TERMS, CONDITIONS, PROVISIONS, AGREEMENTS AND OBLIGATIONS SPECIFIED UNDER THE EASEMENT BY AND BETWEEN LEONARD P. CORSENTINO AND PETER CORSENTINO RECORDED FEBRUARY 23, 1968 IN BOOK 1278 AT PAGE 363, NOW LOCATEABLE. (AFFECTS PARCEL 12).

BASIS OF BEARINGS: Bearings are based on the north line of the northwest quarter of Section 31, Township 3 South, Range 66 West of the Sixth Principal Meridian being assumed N89°33'37"E. The northwest corner of Section 31 being a 2 1/4 inch diameter steel pipe, with missing cap, set in concrete and the north quarter corner of Section 31 being a 3" brass cap in range box, stamped "CITY OF AURORA 1984 LS 13327".

BASIS OF COORDINATES: Coordinates for this project are based on an assumed grid previously established by CDOT and CEI.

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.

NOTE: These right of way plans do not represent a title search by Centennial Engineering to determine ownership or easements of record. For all information regarding easements, rights of way or titles of record, Centennial Engineering relied upon the following Title Commitments prepared by Security Title Guaranty Company.

PARCEL	OWNER	COMMITMENT NO.	DATE
1	DWIGHT L. LIEB	S000078-1-A93	MARCH 22, 1993
PE-7A	LSC LIMITED LIABILITY	S000265-1-A93	SEPTEMBER 17, 1993
TE-8B	CITY OF AURORA	S000080-1-A93	APRIL 2, 1993
SE-9	MORRIS BROTHERS CONSTRUCTION CO.	S000083-1-A93	APRIL 2, 1993
10	TRI S CORPORATION	S000084-1-A93	APRIL 2, 1993
11	GERMAIN INVESTMENT CO.	S000082-1-A93	APRIL 2, 1993
12	HUNTINGTON C. BROWN, SUCCESSOR TRUSTEE	S000251-1-A93	AUGUST 24, 1993

FED. ROAD DISTRICT	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
III	COLORADO		3	5
RIGHT OF WAY				
I 225,				
I-25 to I-70				
REVISIONS				
10/31/93	REVISED MONUMENTS TO BE SET			

Field Survey control precision to exceed $\frac{1}{100,000}$

These maps were prepared for the exclusive use of the Colorado Department of Transportation named on the certification hereon. Said certification does not extend to any person(s) without an expressed recertification by the Surveyor naming said person(s).

FILING CERTIFICATION

Deposited this _____ day of _____, 1992 at _____ M. in Book _____ of the county surveyor's land survey right-of-way surveys at page _____ reception number _____

Deputy County Clerk

SURVEYOR CERTIFICATE (FIELD)

R.O.W. Monumentation was done under my supervision and checking.

Name _____ P.L.S. No. _____
Date _____

SURVEYOR CERTIFICATE (OFFICE)

I, Ronald E. Iik, a Professional Land Surveyor duly licensed under the laws of the State of Colorado, do hereby state to the Colorado Department of Transportation, that the following Right of Way Acquisition Plans and Ownership Map were prepared under my direct supervision and checking, for and on behalf of Centennial Engineering, Inc.

Name  P.L.S. No. 24313
Date 2/2/94
CENTENNIAL ENGINEERING, INC.

CONTROL POINTS		
PT.	NORTHING	EASTING
69	82283.9456	89823.3060
70	82853.3986	90040.1772
73	80996.5168	92353.0094
74	82978.1721	92391.3528
76	84343.7147	92255.9245
77	84388.6901	89827.1750
79	86367.4552	88824.3692
80	84373.6436	88796.0699
81	83681.8208	87783.9461
82	83476.7893	88797.2802
83	82821.6491	89079.7620
85	79314.8369	89955.5604
86	84314.6101	89830.8884

CONTROL POINTS			
PT.	NORTHING	EASTING	ELEVATION
4	82997.0612	90219.3363	5338.7700
5	82074.6872	90512.1879	5344.9700
6	80652.8956	90865.9576	5351.2600

The Control Point list above represents a Control Survey by Centennial Engineering in 1988 and accepted by CDOT, for Project No. IR 225-4(46).

FOUND PIN			
PT.	NORTHING	EASTING	DESCRIPTION
99	78896.2698	90494.4004	5/8" REBAR WITH BROKEN YELLOW CAP

ALIQUOT CORNERS		
PT.	NORTHING	EASTING
71	78232.9961	89932.6229
72	78255.0579	92408.0949
75	83536.3663	92361.2276
78	86161.0514	89875.7077
84	79975.1090	89919.9211
87	83517.4343	89894.4206
88	80875.0851	89913.3594
89	83510.2281	87270.7015

PROJECT BENCHMARK:
NOAA Benchmark "SABLE" elevation 5330.918
(located between Smith Road and Union Pacific Railroad tracks approximately 1,100' west of I-225)

PROJECT CONTROL

DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

ADAMS COUNTY

FEDERAL AID PROJECT NO.

IR-NH(CX) 225-4(46)

SECTIONS 25, 30, 31 & 36

RANGE 66 & 67 WEST

TOWNSHIP 3 & 4 SOUTH

PREPARED BY CENTENNIAL ENGINEERING

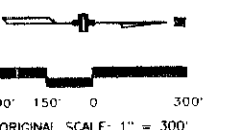
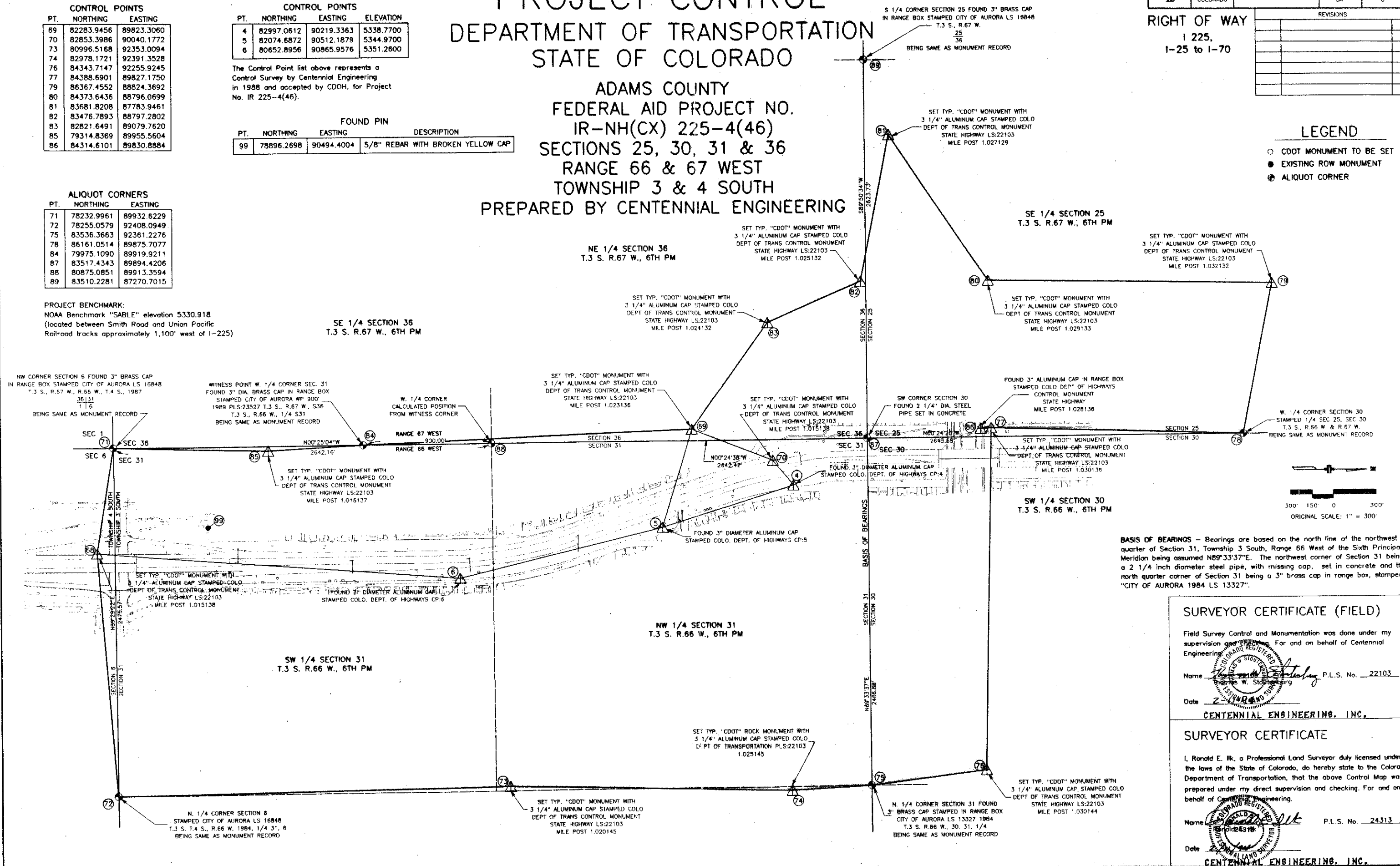
FED. ROAD	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
125	COLORADO		3A	6

RIGHT OF WAY
I 225,
I-25 to I-70

REVISIONS	

LEGEND

- CDOT MONUMENT TO BE SET
- EXISTING ROW MONUMENT
- ALIQUOT CORNER



BASIS OF BEARINGS - Bearings are based on the north line of the northwest quarter of Section 31, Township 3 South, Range 66 West of the Sixth Principal Meridian being assumed N89°33'37\"E. The northwest corner of Section 31 being a 2 1/4 inch diameter steel pipe, with missing cap, set in concrete and the north quarter corner of Section 31 being a 3\" brass cap in range box, stamped \"CITY OF AURORA 1984 LS 13327\".

SURVEYOR CERTIFICATE (FIELD)

Field Survey Control and Monumentation was done under my supervision and checking. For and on behalf of Centennial Engineering, Inc.

Name James W. Stodtberg P.L.S. No. 22103

Date 2/24/90

CENTENNIAL ENGINEERING, INC.

SURVEYOR CERTIFICATE

I, Ronald E. Iik, a Professional Land Surveyor duly licensed under the laws of the State of Colorado, do hereby state to the Colorado Department of Transportation, that the above Control Map was prepared under my direct supervision and checking. For and on behalf of Centennial Engineering, Inc.

Name Ronald E. Iik P.L.S. No. 24313

Date 2/24/90

CENTENNIAL ENGINEERING, INC.

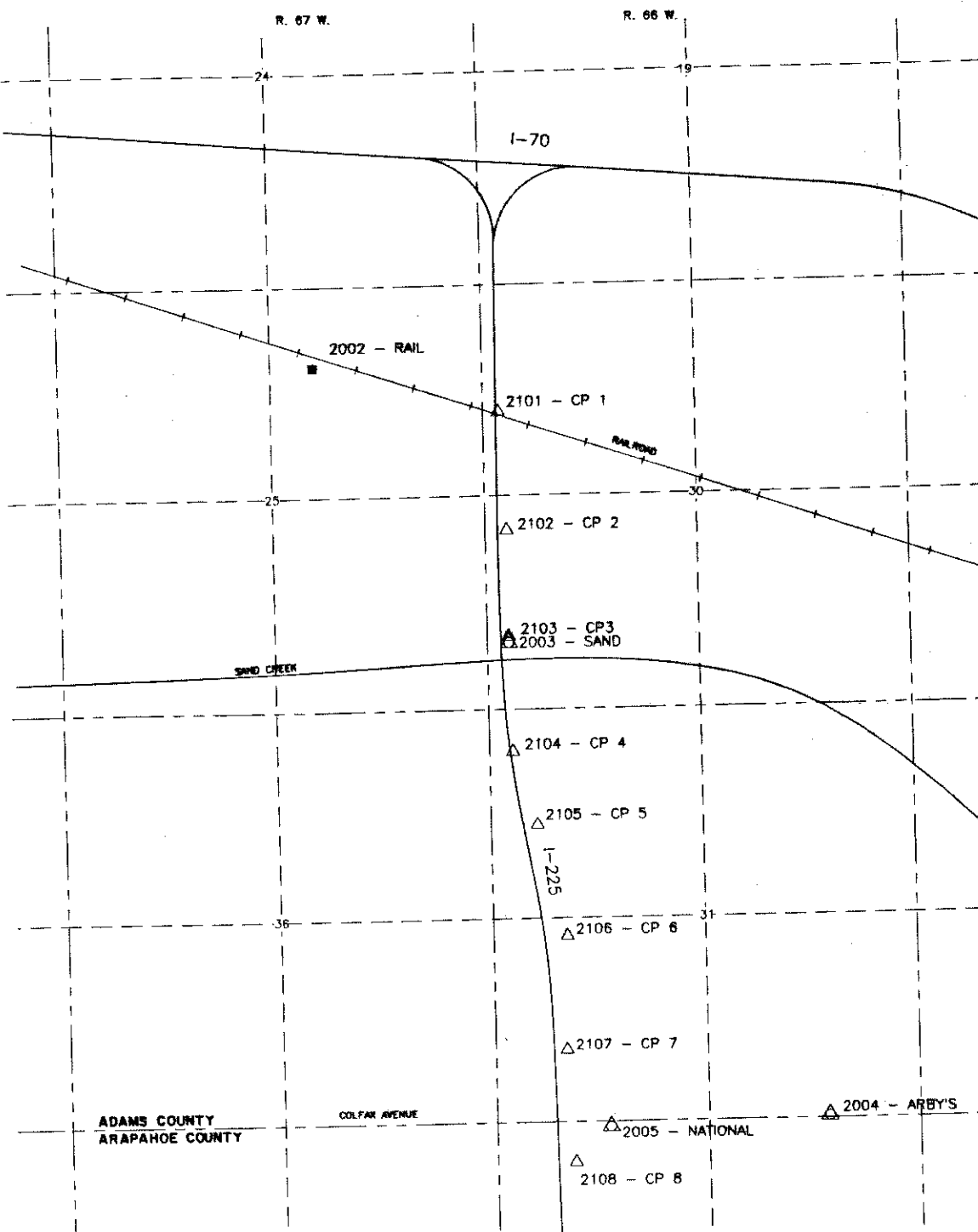
FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	IR-NH(CX) 225-4(46)	39	6

RIGHT OF WAY

I-225
I-25 to I-70

REVISIONS

STATE DEPARTMENT OF TRANSPORTATION STATE OF COLORADO IR-NH(CX) 225-4(46) SURVEY CONTROL DIAGRAM T.3 S. & T.4 S., R.66 W. & R.67 W 6TH PM ADAMS COUNTY



POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 1	704,576.168	189,882.828	5371.01	CDOT TYPE 1 MONUMENT*
CP 2	703,106.745	189,971.787	5344.18	CDOT TYPE 1 MONUMENT
CP 3	701,778.727	189,978.600	5344.05	CDOT TYPE 1 MONUMENT
CP 4	700,368.008	190,015.617	5341.64	CDOT TYPE 1 MONUMENT
CP 5	699,445.256	190,307.451	5347.84	CDOT TYPE 1 MONUMENT
CP 6	698,023.020	190,859.640	5354.13	CDOT TYPE 1 MONUMENT
CP 7	696,544.914	190,639.049	5367.30	CDOT TYPE 1 MONUMENT
CP 8	695,093.433	190,735.680	5377.28	CDOT TYPE 1 MONUMENT
CP 9	693,757.282	190,634.484	5383.81	CDOT TYPE 1 MONUMENT
ARBY'S	695,670.850	193,900.733	5416.00	CDOT TYPE 1 MONUMENT IN RANGE BOX (TYPE 1A)*
GARAGE	695,548.729	191,176.002	5378.96	CDOT TYPE 1 MONUMENT IN RANGE BOX
RAIL	705,138.480	187,580.250	5334.93	3-1/2" CITY OF AURORA ALUM CAP
SAND	701,707.100	189,980.859	5342.97	CDOT TYPE 2 MONUMENT IN INLET

NOTE:
*CDOT TYPE 1 MONUMENT IS A 3 1/4" ALUMINUM CAP ATTACHED TO A 3/4" ALUMINUM ROD.
*CDOT TYPE 1A MONUMENT IS A TYPE 1 MONUMENT IN RANGE BOX

MODIFIED GRID NOTE

THE MODIFIED GRID IS BASED ON COLORADO STATE PLANE COORDINATES (NAD 83) APPEARING IN A GPS REPORT BY ROBERT BEIN, WILLIAM FROST & ASSOCIATES DATED FEBRUARY 23, 1993 AND SIGNED BY GREG A. HELMER, COLORADO P.L.S.(RBWF ADJUSTMENT 29503.c).

THE CONTROLLING MONUMENTS ARE CP 2 AND CP 8. THE CONTROLLING DATUM IS COLORADO STATE PLANE COORDINATES CENTRAL ZONE (NAD 83).

A TERRESTRIAL SURVEY PERFORMED BY CENTENNIAL ENGINEERING, INC. WAS CONSTRAINED BY THE CONTROLLING MONUMENTS. THIS ANGLE AND DISTANCE DATA WAS DEDUCED FROM COORDINATES OF A PREVIOUSLY ADJUSTED SURVEY. NO FIELD MEASUREMENTS WERE PROVIDED TO FRASIER & HALBE ENGINEERING COMPANY.

THE TRAVERSE DATA WAS ADJUSTED ON THE STATE PLANE. CLOSURE BETWEEN THE GPS DATA AND THE PREVIOUSLY ESTABLISHED CDOT/CEI DATA IS CALCULATED AS 1:26,000 (THIS IS NOT A MEASURE OF FIELD PRECISION).

THE PROJECT DATUM WAS DEVELOPED BY MULTIPLYING THE STATE PLANE COORDINATE VALUES BY THE INVERSE OF THE AVERAGE COMBINED SCALE FACTOR (1.00023364), THEN DROPPING THE MILLIONS DIGIT.

CALCULATIONS WERE PERFORMED BY FRASIER & HALBE ENGINEERING CO. FOR ACCURACY AND PRECISION SEE SHEET 3C. FOR BASIS OF BEARINGS SEE SHEET 3C.

TRANSLATION TO CENTENNIAL ENG., INC. COORDINATE SYSTEM

TO TRANSLATE PROJECT COORDINATES TO THE CENTENNIAL ENGINEERING, INC. SYSTEM:

1. ESTABLISH POINT 'A' AT N=899,100.089, E=190,353.723 (IMAGE OF POINT 'A' IN CEI SYSTEM IS N=81729.569, E=90558.853).
2. ROTATE -00°03'50.5" AROUND POINT 'A'.
3. SUBTRACT 617370.52 FROM THE NORTHINGS AND 99794.87 FROM THE EASTINGS.
4. SUBTRACT 2.85 FROM THE ELEVATION.

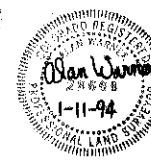
FALLINGS OF THE NORTHINGS DOES NOT EXCEED 0.18', STD. DEV. = 0.11'.
FALLINGS OF THE EASTINGS DOES NOT EXCEED 0.02', STD. DEV. = 0.01'.
CEI ELEVATION ARE 2.85' ± 0.02' LOWER THAN GPS ELEVATIONS.

- △ SET BY FRASIER & HALBE ENGINEERING COMPANY
- △ SET BY CENTENNIAL ENGINEERING, INC.
- SET BY CITY OF AURORA

SURVEYOR'S CERTIFICATE

I CERTIFY THAT THE CALCULATIONS HEREON DESCRIBED TO ADJUST THE CENTENNIAL ENGINEERING, INC. SYSTEM TO THE ROBERT BEIN, WILLIAM FROST & ASSOCIATES GPS DATUM AND TO ESTABLISH A TRANSLATION ALGORITHM WERE PERFORMED UNDER MY DIRECT SUPERVISION AND CHECKING.

DATE



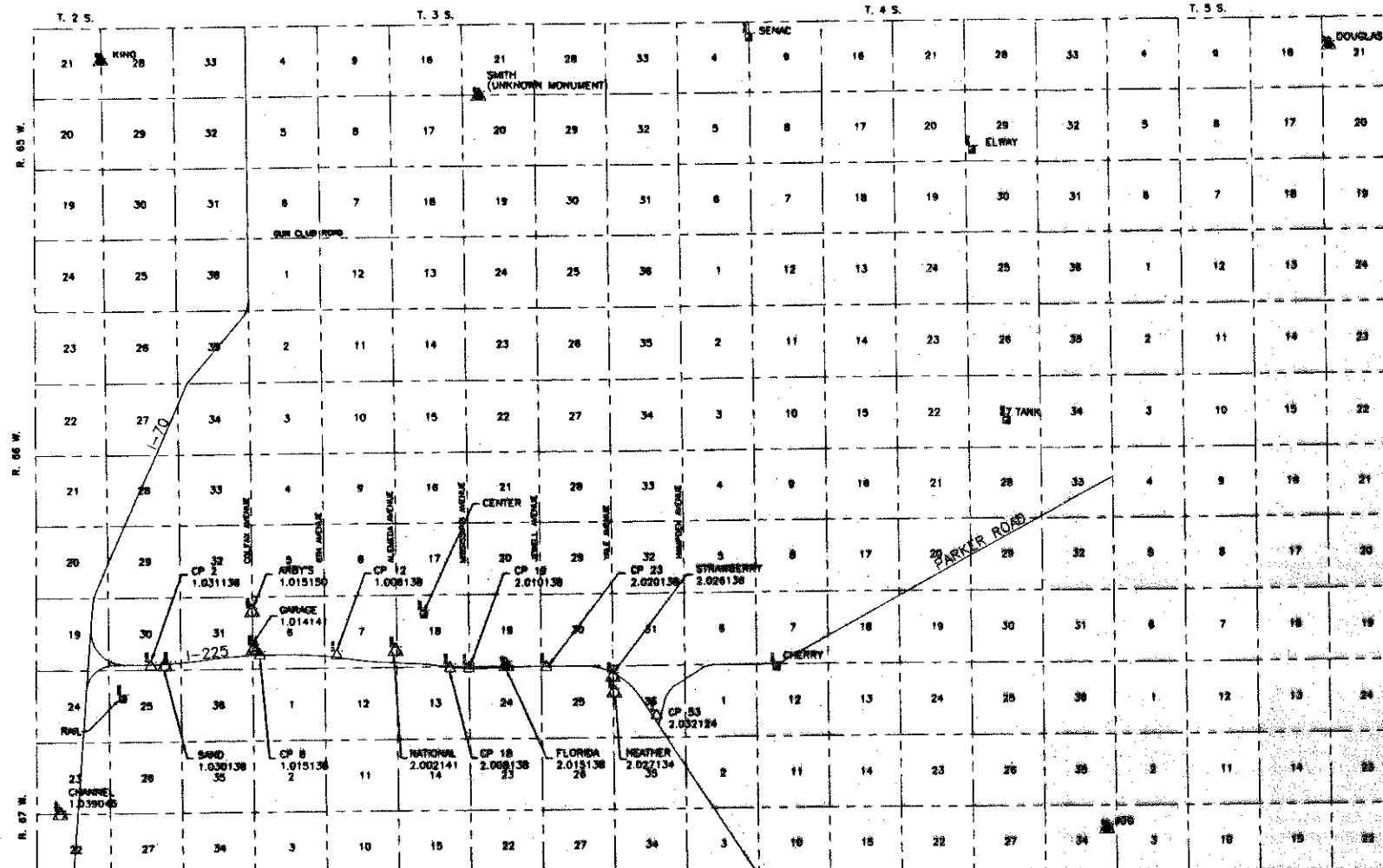
ALAN WARNER P.L.S. 28668
FOR AND ON BEHALF OF
FRASIER & HALBE
ENGINEERING COMPANY

STATE DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO
IR-NH(CX) 225-4(46)
SURVEY CONTROL DIAGRAM
T.2 S. TO T.5 S. R.65 W. TO R.67 W 6TH PM
ADAMS COUNTY

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	IR-NH(CX) 225-4(46)	3C	6

REVISIONS	

RIGHT OF WAY
1 225
1-25 to 1-70



LEGEND

- ▲ CONTROL MONUMENT
- △ C.D.O.T. TYPE 1 REFERENCE MONUMENT IN RANGE BOX SET BY FRASIER & HALBE ENGINEERING CO.
- △ TRAVERSE POINT C.D.O.T. TYPE 1 REFERENCE MONUMENT SET BY CENTENNIAL ENGINEERING, INC.
- CITY OF AURORA G.I.S. MONUMENT 3-1/2" ALUM CAP OR REBAR IN RANGE BOX

NOTES:

- SECTION LINES AND HIGHWAYS ARE SHOWN FOR GENERAL INFORMATION AND DO NOT REFLECT ANY SURVEYED LOCATION.
- STATE PLANE COORDINATES ARE IN COLORADO CENTRAL ZONE (NAD 83).

BASIS OF BEARINGS & COORDINATES:

The basis of bearings and coordinates for this survey is the Colorado Coordinate System of 1983, Central Zone, in terms of the North American Datum of 1983, epoch 1991, based upon the following State of Colorado High Accuracy Reference Network (HARN) stations:

BRIGHTON 2 CARBON JOG
KING McDONNELL OVERLOOK
OVERLOOK RMCL 100 U 396

GPS GEODETIC CONTROL SURVEY:

The ellipsoidal and State Plane coordinates for the GPS geodetic control network as shown hereon were derived from a static carrier-phase differencing GPS survey by Robert Bein, William Frost & Associates (RBF) in February of 1993. All GPS observations and processing, and the resulting coordinates meet the standards and specifications for Group C, First Order horizontal control according to the Federal Geodetic Control Sub-committee's publication GEOMETRIC GEODETIC ACCURACY STANDARDS AND SPECIFICATIONS FOR USING GPS RELATIVE POSITIONING TECHNIQUES, Version 3.0, dated May 11, 1988 and reprinted with corrections on August 1, 1989. A detailed report, prepared by RBF, and titled DENVER METRO AREA GPS GEODETIC CONTROL SURVEY, dated March 1993, is on file at the Colorado Department of Transportation describing said GPS survey.

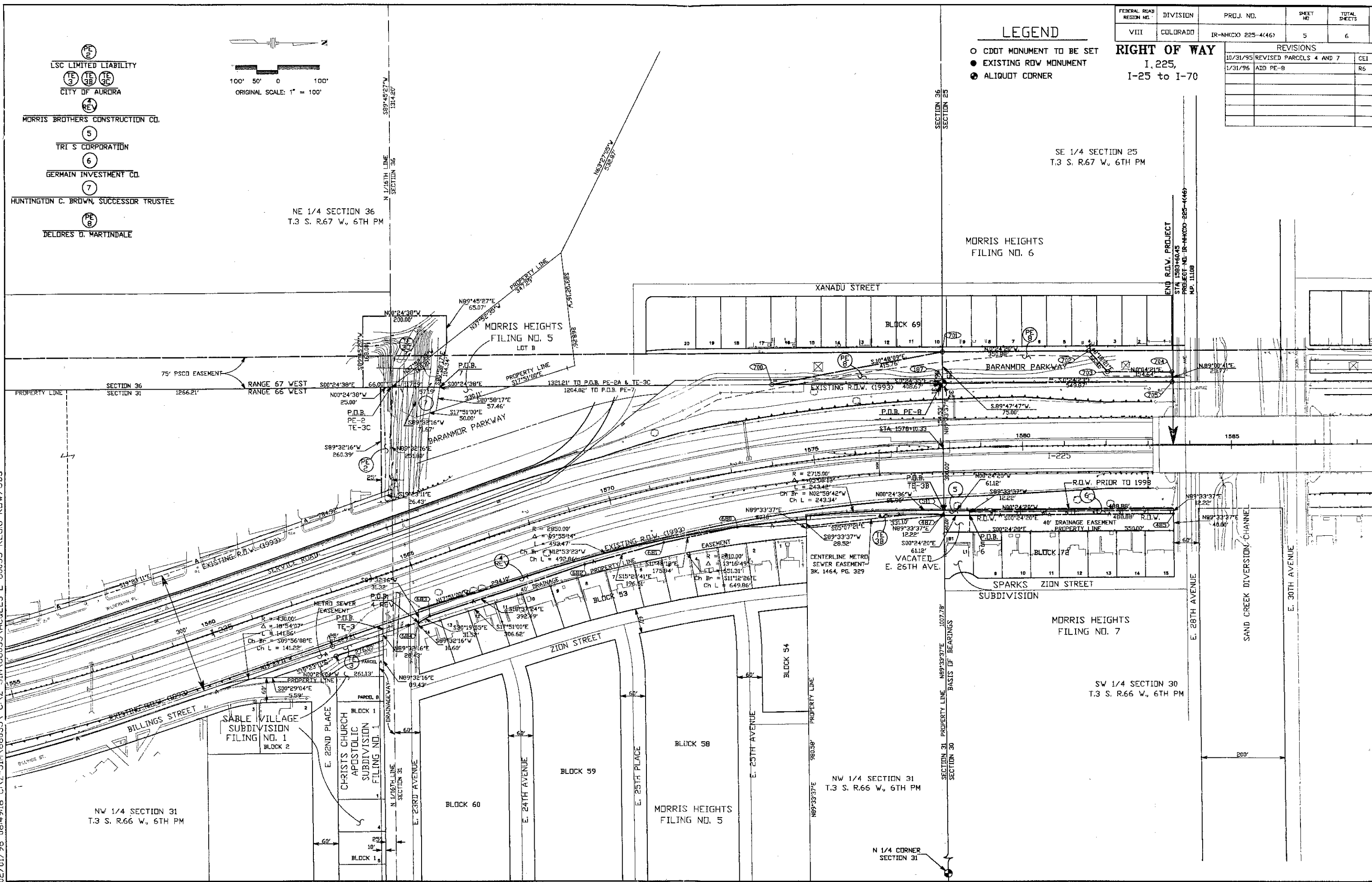
SURVEYOR CERTIFICATE

I, Gregory A. Helmer, a Professional Land Surveyor duly licensed under the laws of the State of Colorado, do hereby state to the Colorado Department of Transportation, that the above Control Map was prepared under my direct supervision and checking.

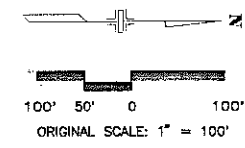
Name Gregory A. Helmer
P.L.S. No. 28272
Date January 11, 1994

ROBERT BEIN, WILLIAM FROST & ASSOCIATES

02/01/96 08:49:16 CNZ-JIM88035\ACQ225-2 80035 REG.6-RDW/JDS



LSC LIMITED LIABILITY
CITY OF AURORA
MORRIS BROTHERS CONSTRUCTION CO.
TRI S CORPORATION
GERMAIN INVESTMENT CO.
HUNTINGTON C. BROWN, SUCCESSOR TRUSTEE
DELORES D. MARTINDALE



LEGEND		RIGHT OF WAY	
○	CDOT MONUMENT TO BE SET	I.225,	
●	EXISTING ROW MONUMENT	I-25 to I-70	
●	ALIQUOT CORNER		

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	IR-NHCO 225-446	5	6

REVISIONS		
10/31/95	REVISED PARCELS 4 AND 7	CEI
1/31/96	ADD PE-8	RS

SE 1/4 SECTION 25
T.3 S. R.67 W. 6TH PM

MORRIS HEIGHTS
FILING NO. 6

MORRIS HEIGHTS
FILING NO. 7

SW 1/4 SECTION 30
T.3 S. R.66 W. 6TH PM

NW 1/4 SECTION 31
T.3 S. R.66 W. 6TH PM

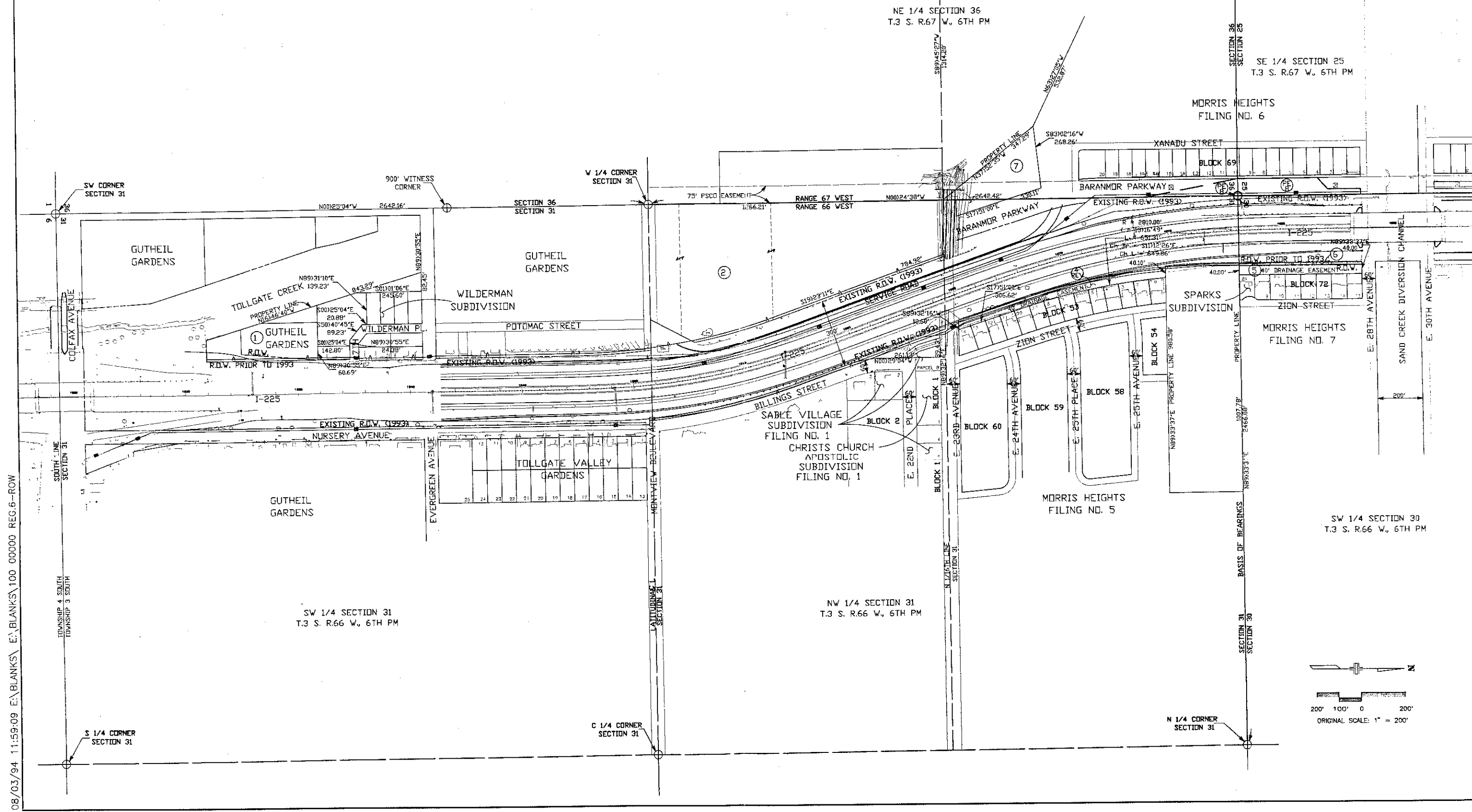
NW 1/4 SECTION 31
T.3 S. R.66 W. 6TH PM

PARCEL NO.	OWNER
1	DWIGHT L. LIEB
2	LSC LIMITED LIABILITY COMPANY
4 REV	MORRIS BROTHERS CONSTRUCTION CO.
5	TRI S CORPORATION
6	GERMAIN INVESTMENT CO.
7	HUNTINGTON C. BROWN, SUCCESSOR TRUSTEE
PE-8	DELORES D. MARTINDALE

STATE DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO
IR-NH(CX) 225-4(46)
RIGHT OF WAY OWNERSHIP MAP
T.3 S. R.66 W. & R.67 W 6TH PM
ADAMS COUNTY

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	IR-NH(CX) 225-4(46)	6	6

REVISIONS		
01/02/95	REVISED PARCEL 1	CEI
10/21/95	REVISED PARCELS 4 AND 7	CEI
1/31/96	ADD PE-8	R6



08/03/94 11:59:09 E:\BLANKS\100 00000 REG-6-ROW