

COLORADO DEPARTMENT OF TRANSPORTATION



Region 4
Address: 1420 2ND STREET
GREELEY, CO 80631
Phone: (970) 350-2157 FAX: (970) 350-2178

RIGHT OF WAY PLANS UNIT: MYRON D. HORA

Sheet Revisions

2/2008	Revised sheets 2 and 5	DGM

RIGHT OF WAY PLANS/OWNERSHIP MAPS

TITLE SHEET

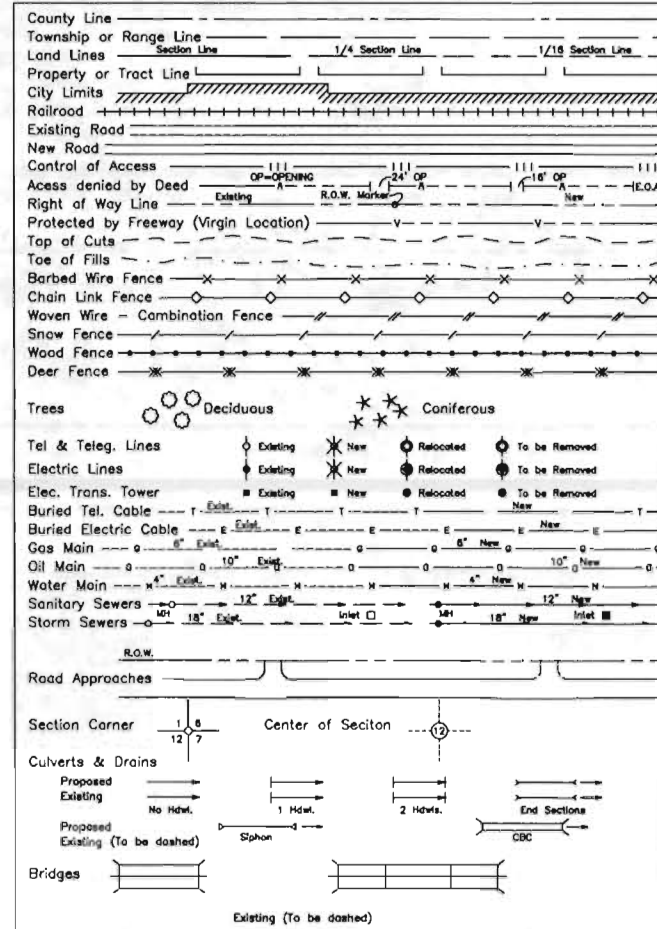
PROJECT NUMBER: STA 0253-170

PROJECT LOCATION: JCT S.H. 14 & I-25 - FT. COLLINS

PROJECT LOCATION:

Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13250	03-19-01	1 of 5		

CONVENTIONAL SIGNS



DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED
FEDERAL AID PROJECT NO. STA 0253-170
STATE HIGHWAY NO. I-25
LARIMER COUNTY
RIGHT OF WAY

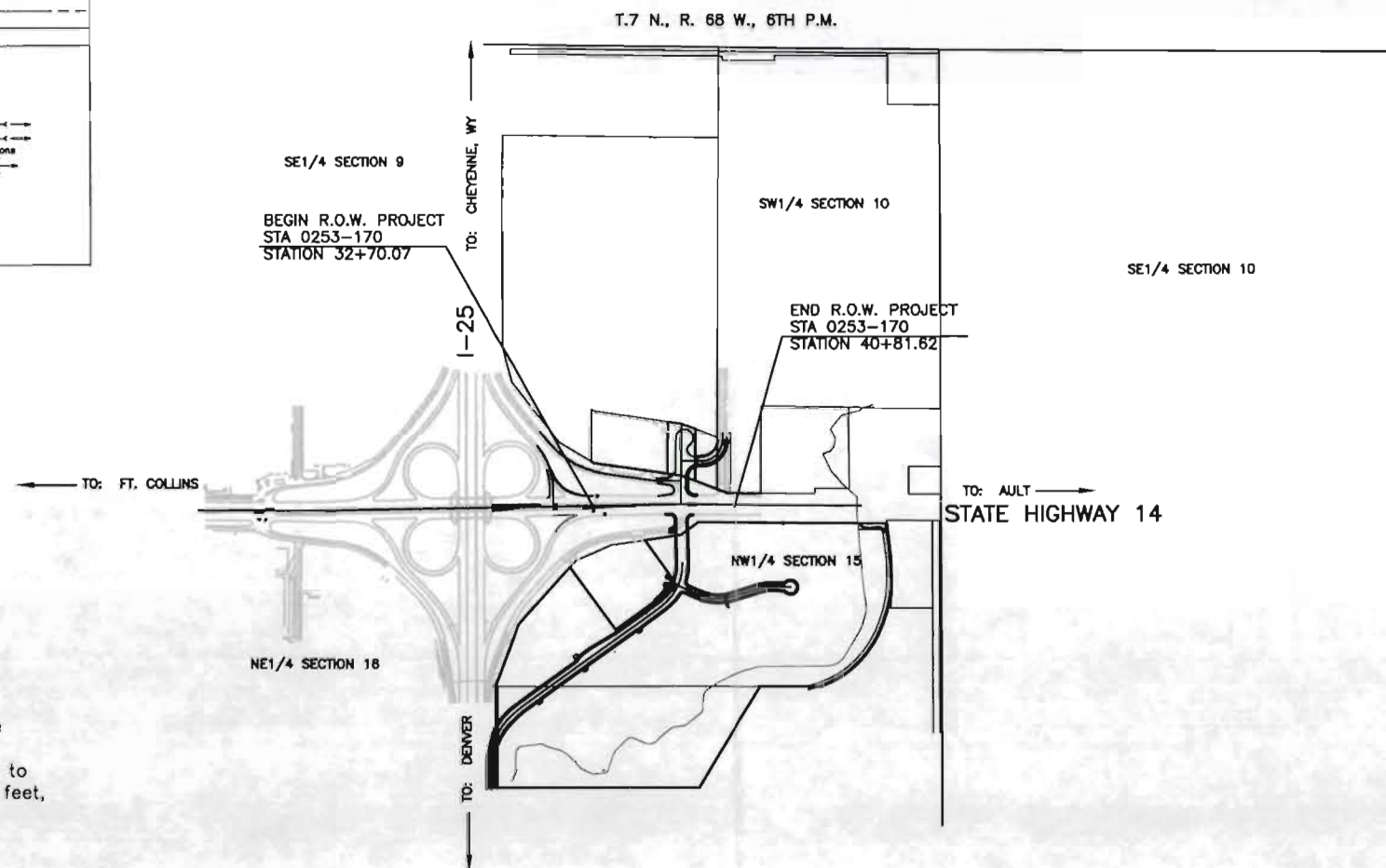
SCALES OF ORIGINAL DRAWINGS

PLAN / OWNERSHIP SHEETS = 1"=50'

R.O.W. LENGTH OF PROJECT = 812 FEET / 0.153 MILE

INDEX OF SHEETS

- 1 - Title Sheet
- 2 - Tabulation of Properties
- 3 - 3A Survey Control Diagram
- 4 - 4A Monumentation Sheet & Survey Control Diagram
- 5 - Plan / Ownership Sheet



500' 250' 0 500' 1000'
ORIGINAL SCALE: 1"=500'

BASIS OF BEARINGS

All bearings are based on the southerly line of the Southwest Quarter of Section 10, Township 7 North, Range 68 West assumed to bear S 89°40'09" E a distance of 2639.93 feet, monumented as shown.

SW CORNER
SET 3-1/4" ALUM CAP IN
MONUMENT BOX "PLS 25951 - 2001"
BASED ON MONUMENT RECORD TIES

S1/4 CORNER
FND 2-1/2" ALUM. CAP IN
RANGE BOX "PLS 31169 - 2001"

South Line of the SW 1/4 of Sec. 10
S 89°40'09" E

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED: _____ DATE _____

DIVISION ADMINISTRATOR

[illegible]

RIGHT OF WAY PLANS/OWNERSHIP MAPS					
TABULATION OF PROPERTIES					
PROJECT NUMBER: STA 0253-170					
PROJECT LOCATION: JCT S.H. 14 & I-25 - FT. COLLINS					
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13250	05/25/01	2	of 5		

S.H. NO. 14 / I-25 INTERCHANGE

[illegible]



Region 4
1420 2nd Street
Greeley, CO. 80631
Phone: (970) 350-2173 FAX: (970) 350-2223

Survey Unit: Mark D. Guerrero

Sheet Revisions

SH 14 MP 138.7 to MP 139.2
I-25 MP 269.0 to MP 269.5
Sections 9,10,15,16 17N, R68W, 6th P.M.
LARIMER COUNTY, COLORADO

Survey Control Diagram

Title Sheet				
Project Number: STA 0253-170				
Project Location: JCT SH 14 & I 25 - Ft Collins				
Project Location:				
Project Code:	Last Mod. Date	Subtotal Sheets	Sheet No.	Total No. of Sheets
13750	12-01-00	1 of 2	3	

GPS COORDINATE SUMMARY TABLE (METRIC)
(ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELLIPSOID (NAVD 88)	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0501	
	LATITUDE(N)	LONGITUDE(W)				NORTHING(m)	EASTING(m)
CP 3866 (MP 138.66 SH 14)	40°34'52.03031"	105°00'26.96417"	1485.921	0°19'05.61777"	0.999973435	443461.416	956099.145
CP 3882 (MP 138.82 SH 14)	40°34'51.88970"	105°00'15.70396"	1489.973	0°19'12.89337"	0.999973432	443458.554	956363.978
CP 3892 (MP 138.92 SH 14)	40°34'51.85201"	105°00'09.50345"	1493.353	0°19'16.89973"	0.999973431	443458.209	956509.803
CP 3902 (MP 139.02 SH 14)	40°34'52.03065"	105°00'00.99263"	1493.691	0°19'22.39885"	0.999973436	443464.844	956709.923
CP 3918 (MP 139.18 SH 14)	40°34'52.10181"	104°59'50.01514"	1488.989	0°19'29.49177"	0.999973437	443468.498	956968.071
CP 3935 (MP 139.35 SH 14)	40°34'51.54103"	104°59'38.19033"	1489.017	0°19'37.13218"	0.999973422	443452.783	957246.256
CP 6917 (MP 269.17 I-25)	40°34'41.65974"	105°00'04.68558"	1486.253	0°19'20.01271"	0.999973147	443144.467	956624.874
CP 6931 (MP 269.31 I-25)	40°34'48.81793"	105°00'04.59066"	1486.725	0°19'20.07405"	0.999973346	443365.272	956625.865
CP 6948 (MP 269.48 I-25)	40°34'57.05651"	105°00'04.51760"	1487.868	0°19'20.12125"	0.999973576	443619.399	956626.154
BRADSHAW (HARN Pt.)	40°35'06.82453"	105°02'08.32027"	1484.069	0°18'00.12820"	0.999973774	443820.578	953713.580
GUERRERO (Densification Pt.)	40°32'13.42677"	104°59'45.09076"	1476.342	0°19'32.67358"	0.999969527	438858.680	957110.090

PROJECT COORDINATES SUMMARY TABLE (FEET)

POINT NAME	PROJECT COORDINATES		ELEV (NAVD 88)	DESCRIPTION
	NORTHING	EASTING		
CP 3866 (MP 138.66 SH 14)	142971.69	184875.60	4928.61	CDOT Type II Control Monument
CP 3882 (MP 138.82 SH 14)	142962.30	185744.70	4941.96	CDOT Type II Control Monument
CP 3892 (MP 138.92 SH 14)	142961.17	186223.25	4953.08	CDOT Type II Control Monument
CP 3902 (MP 139.02 SH 14)	142982.94	186879.98	4954.23	CDOT Type II Control Monument
CP 3918 (MP 139.18 SH 14)	142994.93	187727.15	4937.88	CDOT Type II Control Monument
CP 3935 (MP 139.35 SH 14)	142943.36	188640.07	4939.02	CDOT Type II Control Monument
CP 6917 (MP 269.17 I-25)	141931.56	186600.88	4929.84	CDOT Type II Control Monument
CP 6931 (MP 269.31 I-25)	142656.18	186604.13	4931.37	CDOT Type II Control Monument
CP 6948 (MP 269.48 I-25)	143490.14	186605.08	4935.10	CDOT Type II Control Monument
BRADSHAW (HARN Pt.)			4921.94	Standard NGS Disk
GUERRERO (Densification Pt.)			4897.80	Stainless Steel Deep Rod

BASIS OF BEARINGS: Bearings used in the calculation of coordinates are based on a grid bearing of S 34° 23' 32" E from HARN Point "BRADSHAW" (standard NGS disk set into the top of concrete monument) Section 8, Township 7 North, Range 68 West, Sixth P.M. and the Densification Point "GUERRERO" (flange encased stainless steel deep rod) Section 33, Township 6 North, Range 68 West, Sixth P.M. as obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

BASIS OF ELEVATIONS: Project is based on a NAVD 88 elevation of 4,927.07ft on Bench Mark "D 402", a flange encased stainless steel deep rod slumped "D 402 1984". All other Control Point elevations were derived from GPS observations.

COORDINATE DATUM: Project Coordinates are modified Colorado State Plane North Zone NAD 83(92) coordinates. State Plane Coordinates were modified to mean project elevation of 1503.908m. The combined elevation/scale factor used to modify the coordinates was 0.9997374917. Project Coordinates are truncated by 400,000 in the Northing and 900,000 in the Easting. The CHARN is based on NAD 83(92) datum.

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 on original signature of the professional land surveyor hereon named.

SURVEYORS STATEMENT: I, Mark D. Guerrero, 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 Plot or Right-of-Way Survey Plot 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).



Typical Control Monument Cap
Not to Scale

CP - Control Point Monuments set by CDOT. They are 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.

Mark D. Guerrero L.S. 29752

COLORADO DEPARTMENT OF TRANSPORTATION



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1420 2nd Street
Greeley, CO. 80631
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Survey Unit: Mark D. Guerrero

Sheet Revisions

Rev.	Description

SH 14 MP 138.7 to MP 139.2
Sections 9,10,15,16 T7N, R68W, 6th P.M.
LARIMER COUNTY, COLORADO

Survey Control Diagram

Plan Sheet

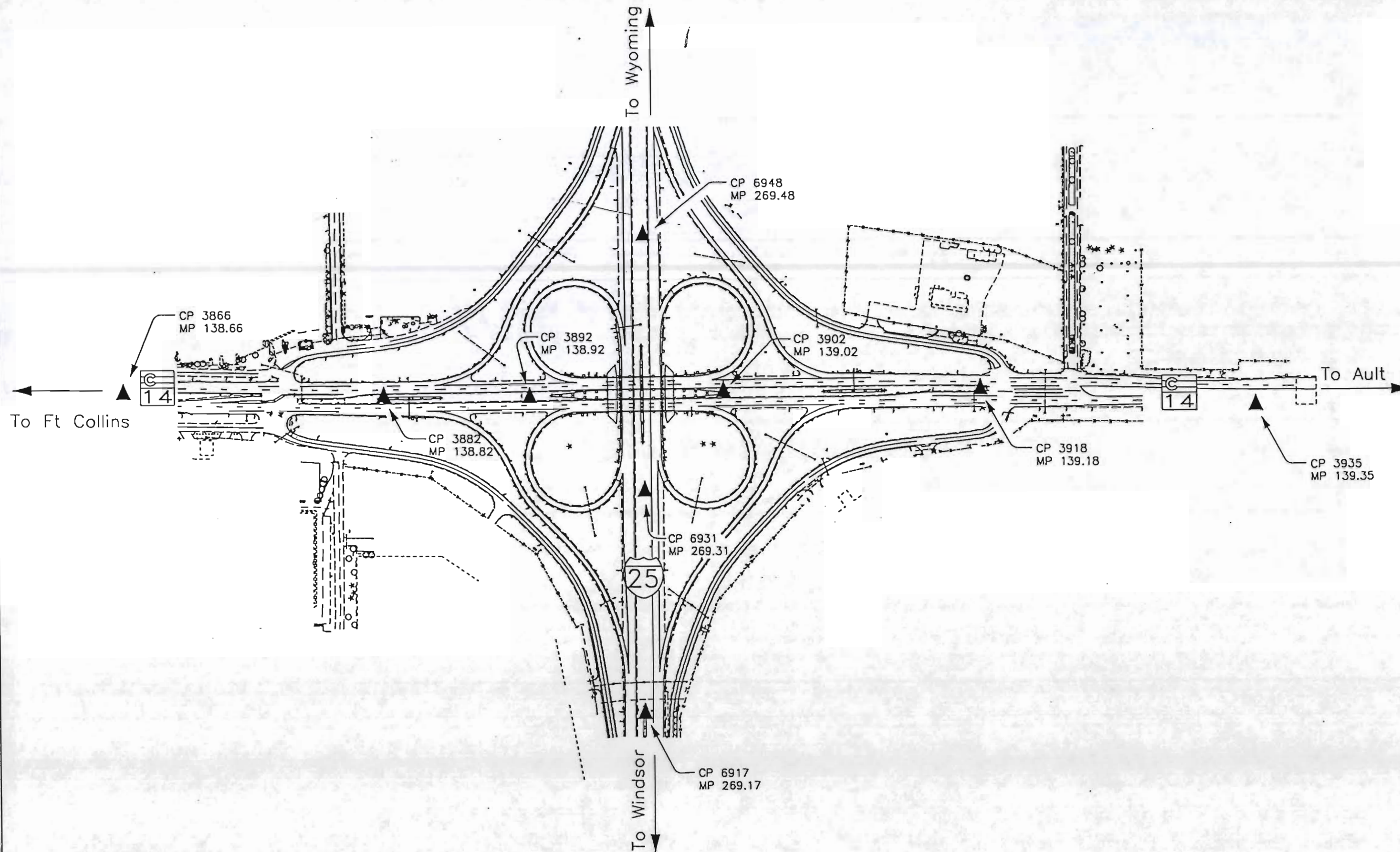
Project Number: STA 0253-170

Project Location: JCT SH 14 & I 25 - Ft Collins

Project Location:

Project Code	Last Mod. Date	Subst. Sheets	Sheet No.	Total No. of Sheets
13250	12-01-00	2 of 2	3-A	

0 75 150 225 300 375
1" = 300'



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RIGHT OF WAY PLANS UNIT: MYRON D. HORA

Sheet Revisions

RIGHT OF WAY PLANS/OWNERSHIP MAPS

MONUMENTATION

PROJECT NUMBER: STA 0253-170

PROJECT LOCATION: JCT S.H. 14 & I-25 - FT. COLLINS

PROJECT LOCATION:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13250	03-19-01	4 of 5		

R.O.W. MONUMENTS TO BE SET

Node #	North	East	Parcel No.
300	143475.8790	187719.1278	Parcel 1
301	143464.3559	187798.1380	Parcel 1
302	143434.4877	187878.8206	Parcel 1
309	143134.6865	187876.5642	Parcel 1
311	143175.9605	187716.8703	Parcel 1
312	143237.2257	187296.7906	Parcel 1
313	143247.9322	187279.1797	Parcel 1
605	143086.4248	188006.9324	Parcel TE-2
606	143064.9553	188064.9130	Parcel TE-2

PROPERTY CORNERS TO BE SET
WITH TYPE 6 MONUMENTS

Node #	North	East	Parcel No.
303	143279.7633	187877.6581	Parcel 1A
304	143279.4794	187915.3823	Parcel 1A
305	143352.2816	188008.4681	Parcel 1A
306	143249.5692	188007.8748	Parcel 1A
307	143219.4811	187914.9307	Parcel 1A
308	143219.7650	187877.2015	Parcel 1A
316	143386.4198	188008.6653	Parcel 1A

TEMPORARY EASEMENT TO BE STAKED

Node #	North	East	Parcel No.
600	143412.5823	188008.8253	Parcel TE-2
601	143411.7387	188090.1448	Parcel TE-2
602	143073.7668	188087.7773	Parcel TE-2
603	143069.8313	188095.8432	Parcel TE-2

NOTES:

- ALL TYPE 2 AND TYPE 6 MONUMENTS SHALL BE SET FLUSH WITH THE GROUND. WITNESS POSTS SHALL BE INSTALLED 1 FOOT FROM AND FACING ALL TYPE 2 AND TYPE 6 MONUMENTS, OR AS DIRECTED BY THE PROJECT ENGINEER.
- CONTROL SURVEY PROCEDURES, STATISTICAL ANALYSIS, AND ACCURACY OBTAINED FOR HORIZONTAL AND VERTICAL CONTROL SHALL BE DOCUMENTED IN THE FIELD BOOK.
- 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.

NOTE: KELLY SURVEYING ASSOCIATES, INC. RELIED UPON PROJECT CONTROL AS SET BY CDOT AS A BASIS FOR ALL RIGHT-OF-WAY. THE FOLLOWING IS A LIST OF FOUND ALIQUOT CORNERS AND FOUND PROPERTY PINS:

FOUND MONUMENTS

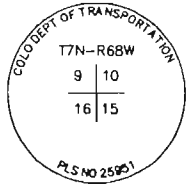
POINT NO.	NORTHING	EASTING	DESCRIPTION
3000	145653.288	186660.895	W1/4 COR SEC 10
3001	143015.641	189308.083	S1/4 COR SEC 10 #6 RB
3002	143000.620	191950.992	SE COR SEC 10 ALUM CAP
100	142791.822	187582.195	JR CAP P.C
101	142822.002	187794.777	JR CAP P.C
102	142896.225	187895.585	JR CAP P.C
103	142893.827	188395.311	JR CAP P.C
104	143061.421	188583.478	RB ELIGB. CAP
105	143064.125	188267.801	#4 RB ILLIGB. CAP
3003	143030.890	186668.197	SW COR SEC 10

NOTE: REFER TO NEW-629-1 SURVEY MONUMENTS OF THE STANDARD PLANS, COLORADO DEPARTMENT OF TRANSPORTATION M & S STANDARDS MARCH 15, 1996 FOR SURVEY MONUMENT DESCRIPTIONS, REFER TO M-100-1 STANDARD SYMBOLS OF THE STANDARD PLANS, COLORADO DEPARTMENT OF TRANSPORTATION M & S STANDARDS NOVEMBER 1992 FOR STANDARD SYMBOL DEFINITIONS.

NOTE: THIS CONTROL SURVEY IS FOR THE USE OF COLORADO DEPARTMENT OF TRANSPORTATION PERSONNEL. THE SURVEY IS NOT A COMPLETE BOUNDARY SURVEY AND DOES NOT SUBDMDE LAND. 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.

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.

BASIS OF BEARINGS: BEARINGS USED IN THE CALCULATION OF COORDINATES ARE BASED ON THE SOUTH LINE OF THE SOUTHWEST CORNER OF SECTION 10, TOWNSHIP 7 NORTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN BEARING S89°40'09"E A DISTANCE OF 2639.93 FEET AS MONUMENTED AT THE SOUTHWEST CORNER BY A FOUND 3-1/4" ALUMINUM CAP IN A 5" PVC TUBE WITH AN ALUMINUM LID, (STAMPED AS SHOWN BELOW) AND AT THE SOUTH 1/4 CORNER BY A FOUND 2-1/2" ALUMINUM CAP IN RANGE BOX STAMPED "PLS 31169 - 2001."



BASIS OF ELEVATIONS: PROJECT IS BASED ON A NAVD 88 ELEVATION OF 4927.07 FT ON BENCHMARK "D 402," BEING A FLANGE ENCASED STAINLESS STEEL DEEP ROD STAMPED "D 402 1984." ALL OTHER CONTROL POINT ELEVATIONS WERE DERIVED FROM GPS OBSERVATIONS.

COORDINATE DATUM: PROJECT COORDINATES ARE MODIFIED COLORADO STATE PLANE NORTH ZONE NAD 83 (92) COORDINATES. STATE PLANE COORDINATES WERE MODIFIED TO MEAN PROJECT ELEVATION OF 1503.908m. THE COMBINED ELEVATION/SCALE FACTOR USED TO MODIFY THE COORDINATES WAS 0.9997374917. PROJECT COORDINATES ARE TRUNCATED BY 400,000 IN THE NORTHING AND 900,000 IN THE EASTING. THE CHARN IS BASED ON NAD 83(92) DATUM.

CP - CONTROL POINT MONUMENTS SET BY CDOT. THEY ARE CDOT TYPE 2 MONUMENTS, A 3-1/4" DIAMETER ALUMINUM CONTROL MONUMENT CAP (AS SHOWN) ON A 3' x 3/4" DIAMETER FINNED ALUMINUM SECURITY ROD ON A 3' x 3/4" DIAMETER SMOOTH ALUMINUM ROD.



SURVEYOR'S CERTIFICATE

Right of Way Plans were supervised and/or prepared under my direct supervision and reviewed based upon surveys, topography and proposed construction prepared by others; Security Title Guaranty Co. research was relied on for existing deeds, owners and easements shown. (Title Commitment No. FO11759A01 Dated 1-22-01).

NAME _____ PLS NO _____
DATE _____

COLORADO DEPARTMENT OF TRANSPORTATION



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GREELEY, CO 80631
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RIGHT OF WAY PLANS UNIT: MYRON D. HORA

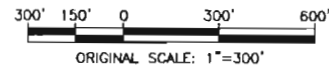
Sheet Revisions

Rev.	Description	Date

RIGHT OF WAY PLANS/OWNERSHIP MAPS

SURVEY CONTROL DIAGRAM

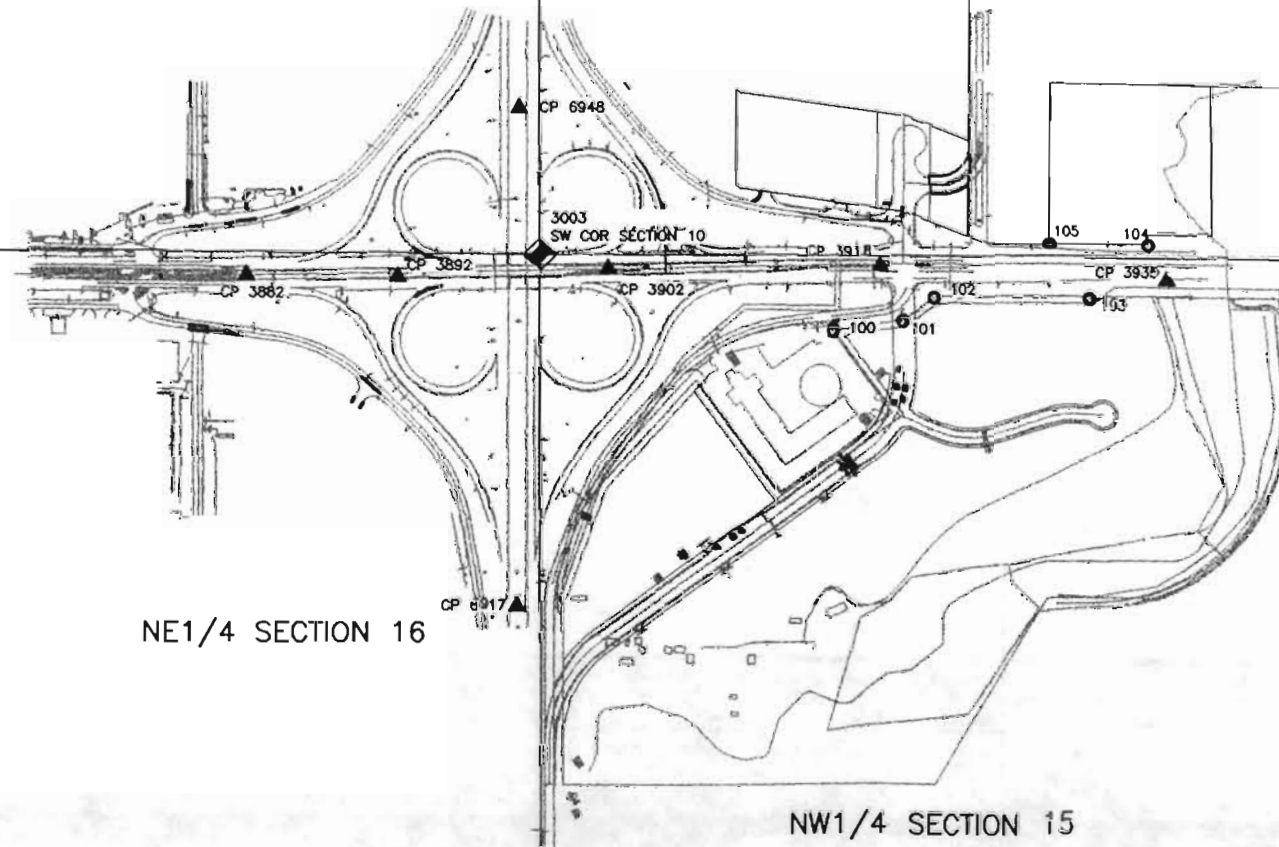
PROJECT NUMBER: STA 0253-170				
PROJECT LOCATION: JCT S.H. 14 & I-25 - FT. COLLINS				
PROJECT LOCATION:				
Project Code:	Last Mod. Date:	Subsidiary Sheets:	Sheet No.:	Total No. of Sheets:
13250	03-19-01	4A of 5		



SE1/4 SECTION 9

SW1/4 SECTION 10

SE1/4 SECTION 10



COLORADO DEPARTMENT OF TRANSPORTATION



Region 4
Address: 1420 2ND STREET, P.O. BOX 850
GREELEY, CO 80632
Phone: (970) 350-2157 FAX: (970) 350-2178
RIGHT OF WAY PLANS UNIT: MYRON D. HORA

Sheet Revisions

05/01	ADDED ACCESS CONTROL	DMK
02/08	TE-2 and AC-1 Deleted	DGM

RIGHT OF WAY PLANS/OWNERSHIP MAPS

TABULATION OF PROPERTIES

PROJECT NUMBER: STA 0253-170

PROJECT LOCATION: JCT S.H. 14 & I-25 - FT. COLLINS

PROJECT LOCATION:

Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13250	05-25-01	5 of 5		

T. 7 N., R. 68 W., 6TH P.M.
SW 1/4, SECTION 10

NUMBER	DELTA	RADIUS	LENGTH	CHORD
C1	76°55'13"	95.00'	127.54'	N51°58'16"E 118.17'
C2	36°44'18"	155.00'	99.39'	N72°03'43"E 97.69'

NOTE: THE ENTIRE SITE IS IN THE 100-YEAR
FLOOD PLAIN, ZONE A4 AS SHOWN ON FLOOD
INSURANCE RATE MAP COMMUNITY PANEL
NUMBER 080101 0180 E.

LOGAN A. BOGGS, TRUSTEE OF THE
LOGAN A. BOGGS LIVING TRUST
DELETED C/O TOWER MANAGEMENT COMPANY
80 SOUTH LAKE AVENUE, SUITE 719
PASADENA, CA 91101

FILING CERTIFICATION:
DEPOSITED THIS DAY OF 19 AT M., FOR INFORMATION
ONLY IN BOOK OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE RECEPTION NUMBER

SIGNED DEPT.

File name: D:\JOBS\1708\1708-5

