

# DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	BR 067A-010	1	7
REVISIONS				

RIGHT OF WAY PLAN OF PROPOSED

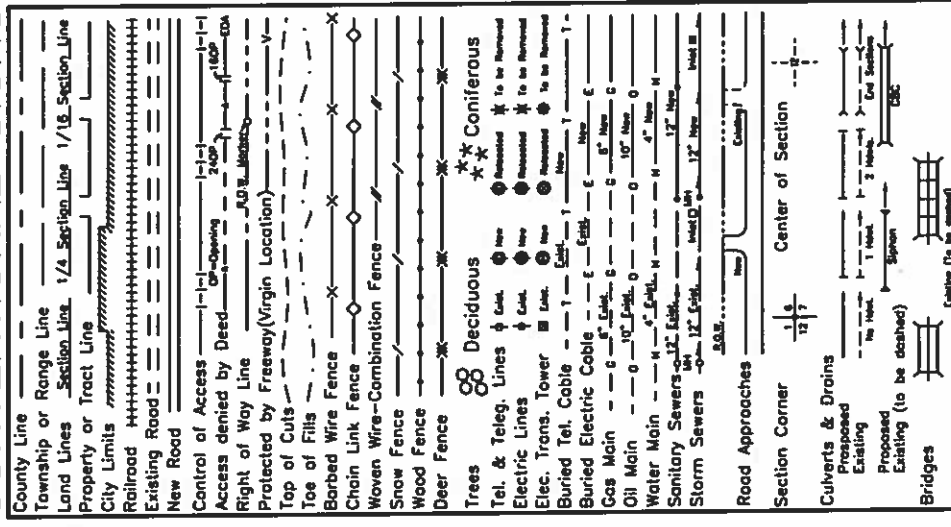
## FEDERAL AID PROJECT NO. BR 067A-010 STATE HIGHWAY NO. 67 TELLER COUNTY RIGHT OF WAY

SCALES OF ORIGINAL DRAWINGS  
PLAN SHEETS 1" = 50'  
DETAIL SHEETS 1" = 50'

R.O.W. LENGTH OF PROJECT = 1 MILE

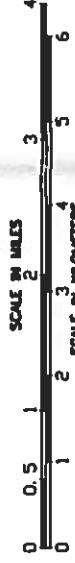
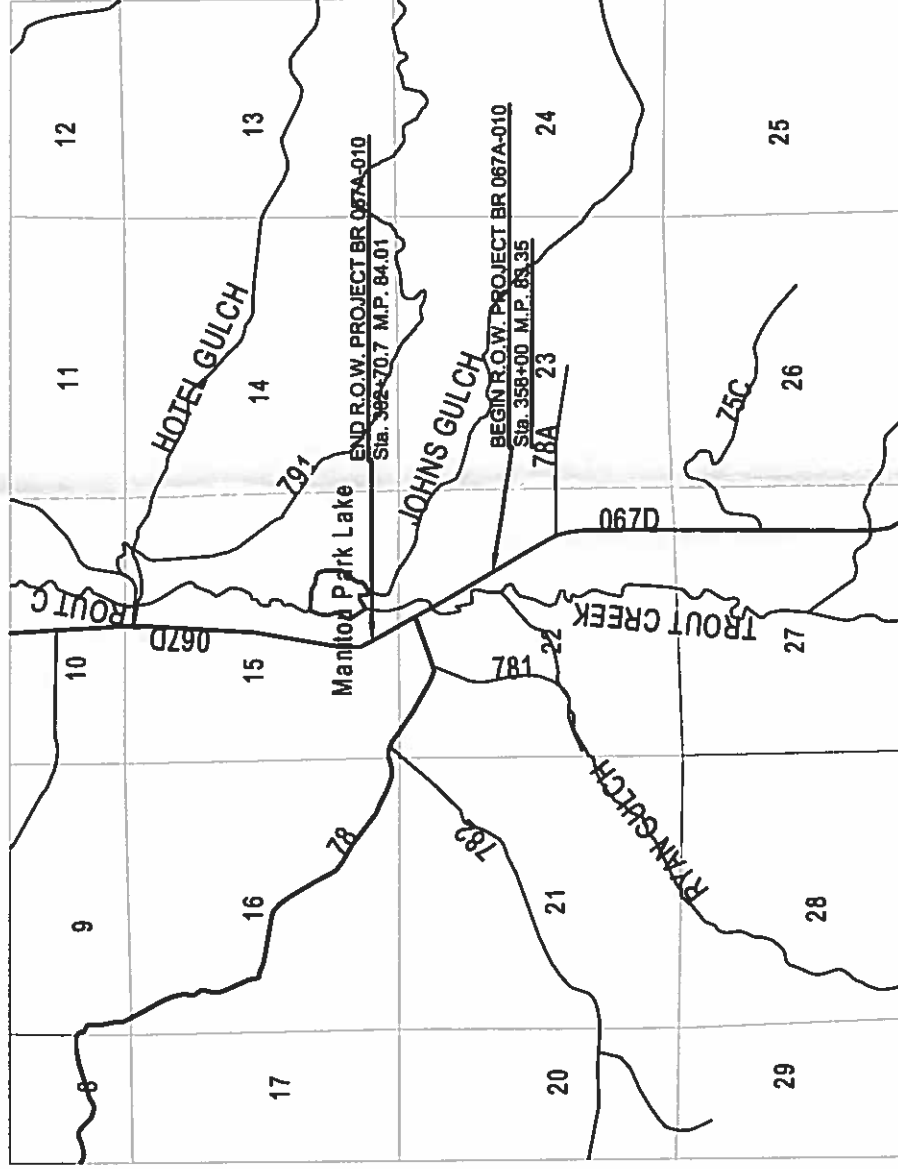
- INDEX OF SHEETS
- 1 TITLE SHEET
  - 2 TABULATION OF PROPERTIES SHEET
  - 3 CONTROL AND MONUMENTATION SHEET
  - 4-7 PLAN SHEETS

### CONVENTIONAL SIGNS



### BASIS OF BEARINGS

All bearings referenced on this parcel are relative to a line between the North 1/4 corner Section 22 (a properly marked G.L.O. Brass cap) and the Center North 1/16 corner Section 22 (a properly marked Forest Service Alum. cap). Said bearing being S. 0° 21' 09" E. at a distance of 411.2818 meters (1349.35 feet).



DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED \_\_\_\_\_ DATE \_\_\_\_\_

DIVISION ADMINISTRATOR \_\_\_\_\_



# SURVEY CONTROL DIAGRAM

FOR THE COLORADO DEPARTMENT OF TRANSPORTATION, REGION 2  
 STATE HIGHWAY 67 N/O JCT. SH 24 (STR. H-16-C)  
 CDOT PROJECT NUMBER BR 067A-010 SUB ACCOUNT: 11861  
 LYING IN SECTION 22, TOWNSHIP 11 SOUTH, RANGE 69 WEST,  
 AND SECTION 15, TOWNSHIP 11 SOUTH, RANGE 69 WEST,  
 OF THE 6TH PRINCIPAL MERIDIAN  
 TELLER COUNTY, STATE OF COLORADO



SE 1/4  
 Sec. 15  
 T11S, R69W



TYPICAL:  
 CM-MP - Control Monuments were set by J.F.S.A. They were CDOT type 2 monuments, a 83 mm dia. aluminum control monument cap (as shown) on a 900 mm X 19 mm dia. fitted aluminum security rod on a 900 mm X 19 mm dia. smooth aluminum rod.  
 ▲ Aliquot Corner Monument  
 ◆ Property/Right of Way Monument  
 ○ 1/4 Section Line  
 --- 1/16 Section Line

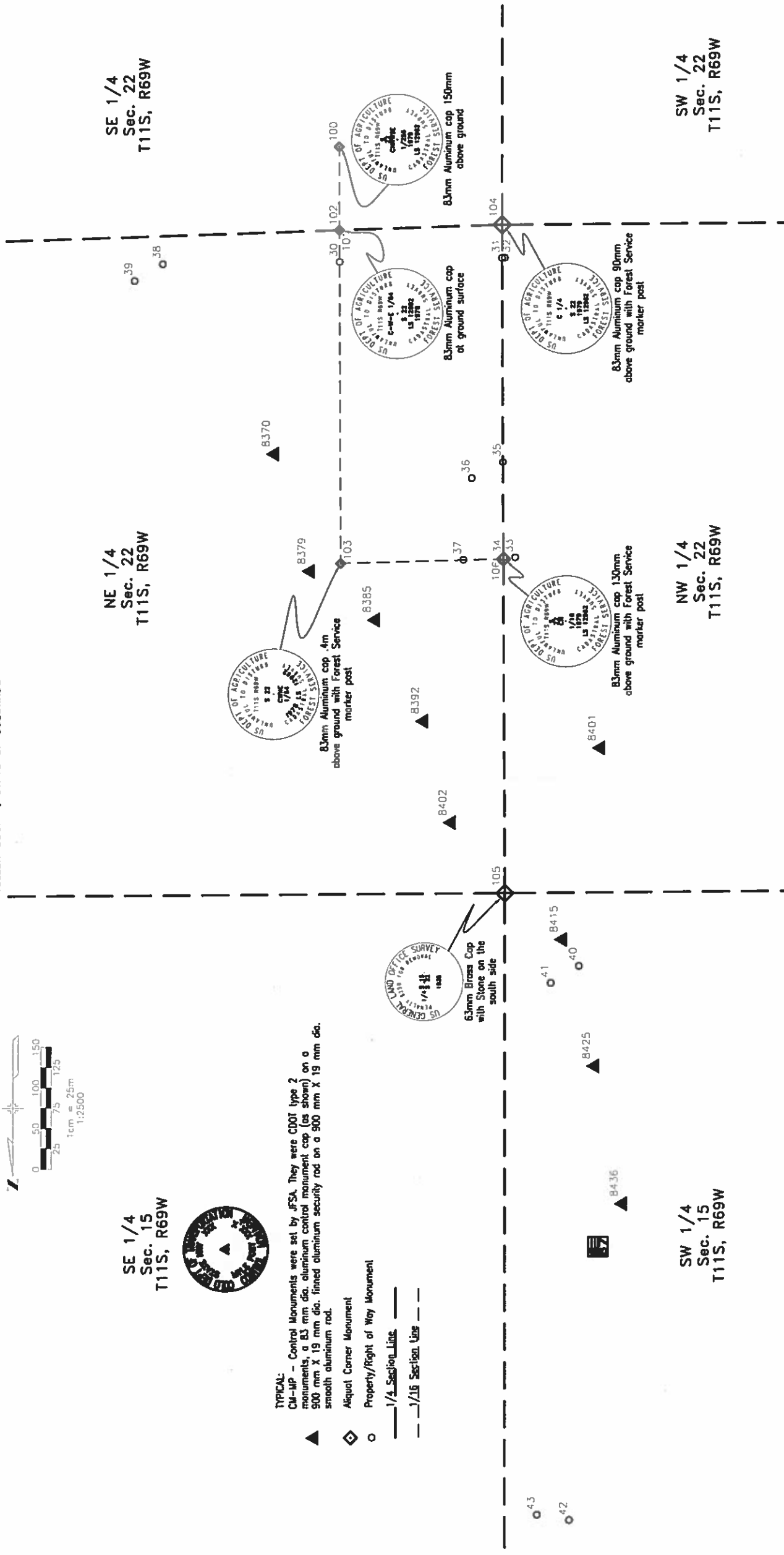
SE 1/4  
 Sec. 22  
 T11S, R69W

NE 1/4  
 Sec. 22  
 T11S, R69W

SW 1/4  
 Sec. 22  
 T11S, R69W

NW 1/4  
 Sec. 22  
 T11S, R69W

SW 1/4  
 Sec. 15  
 T11S, R69W



Computer File Information		Sheet Revisions		As Constructed		Control Survey Diagram		Project No./Code	
Creation Date:	04/08/98	(E-1)		No Revisions:		BR 067A-010		Sheet No. / Code	
Last Modification Date:	07/24/98	(E-2)		Revised:		11861		Sheet Number	
Full Path:	\\SV-1\D\11861\DWG\	(E-3)		Surveyor:	DLJ				
Drawing File Name:	11861SCD.DWG	(E-4)		Detailer:	RLS				
Acad Ver.:	R14	(E-5)		Sheet Subset:	SURVEY	1 of 2			
Scale:	1:2500			Units:	METRIC				
Colorado Department of Transportation		REGION 2		J. F. Solo and Associates					
				5898 South Ropp Street					
				Littleton, Colorado 80120					
				Phone: (303) 797-1200					
				Fax: (303) 797-1187					
				MB					

# SURVEY CONTROL DIAGRAM

FOR THE COLORADO DEPARTMENT OF TRANSPORTATION, REGION 2  
STATE HIGHWAY 67 N/O JCT. SH 24 (STR. H-16-G)  
CDOT PROJECT NUMBER BR 067A-010 SUB ACCOUNT: 11861  
LYING IN SECTION 22, TOWNSHIP 11 SOUTH, RANGE 69 WEST,  
AND SECTION 15, TOWNSHIP 11 SOUTH, RANGE 69 WEST,  
OF THE 6TH PRINCIPAL MERIDIAN  
TELLER COUNTY, STATE OF COLORADO

SET LOCAL CONTROL MONUMENTS  
COLORADO STATE PLANE CENTRAL ZONE COORDINATES (METERS)  
SURVEY CONTROL FROM FAST STATIC GPS OBSERVATIONS

PT#	GRID NORTHING	GRID EASTING	GROUND ELEVATION	DESCRIPTION / MILE POST	ELLIPSOID HEIGHT	LONGITUDE	LATITUDE	COMBINED FACTOR
8370	443292.776	949420.193	2373.891	CDOT TYPE II / 83.70	2359.102	105°05'42.970222"W	39°04'48.81131"N	0.99956396
8379	443437.005	949376.416	2370.206	CDOT TYPE II / 83.79	2355.418	105°05'44.76494"W	39°04'53.49490"N	0.99956453
8385	443491.241	949296.363	2364.785	CDOT TYPE II / 83.85	2349.993	105°05'48.08465"W	39°04'55.49286"N	0.99956538
8392	443621.047	949237.468	2363.542	CDOT TYPE II / 83.92	2346.756	105°05'50.51226"W	39°04'59.48328"N	0.99956556
8401	443655.009	949019.851	2368.145	CDOT TYPE II / 84.01	2353.152	105°05'59.56069"W	39°05'00.64829"N	0.99956484
8402	443747.486	949203.510	2362.680	CDOT TYPE II / 84.02	2347.886	105°05'51.90191"W	39°05'03.58849"N	0.99956569
8415	443892.179	949056.719	2369.851	CDOT TYPE II / 84.15	2355.053	105°05'57.56715"W	39°05'08.30040"N	0.99956456
8425	444047.538	949026.689	2370.207	CDOT TYPE II / 84.25	2355.407	105°05'59.20428"W	39°05'13.34300"N	0.99956450
8436	444217.197	948992.563	2368.554	CDOT TYPE II / 84.36	2353.745	105°06'00.59313"W	39°05'18.85759"N	0.99956476
* 5293	445338.436	949149.134	2354.162	USC&GS BM "5293"	2339.342	105°05'53.57116"W	39°05'55.22201"N	0.99956699
* B174	437171.702	951234.914	2500.242	USC&GS BM "B174"	2485.417	105°04'28.65900"W	39°01'30.03921"N	0.99954498

\* DENOTES EXISTING HORIZONTAL OR VERTICAL CONTROL POINTS CHECKED INTO (NOT SHOWN)

SET LOCAL SURVEY CONTROL MONUMENTS  
MODIFIED DATUM PLANE COORDINATES (METERS)


PT #	NORTHING	EASTING	ELEVATION	DESCRIPTION / MILE POST
8370	443485.857	949833.724	2373.891	CDOT TYPE II M.P. 83.70
8379	443630.149	949789.928	2370.206	CDOT TYPE II M.P. 83.79
8385	443690.411	949709.840	2364.785	CDOT TYPE II M.P. 83.85
8392	443814.271	949650.919	2363.542	CDOT TYPE II M.P. 83.92
8401	443849.248	949433.207	2368.145	CDOT TYPE II M.P. 84.01
8402	443940.765	949161.946	2362.680	CDOT TYPE II M.P. 84.02
8415	444085.521	949480.096	2369.851	CDOT TYPE II M.P. 84.15
8425	444240.948	949440.048	2370.207	CDOT TYPE II M.P. 84.25
8436	444410.881	949405.907	2368.554	CDOT TYPE II M.P. 84.36

FOUND PROPERTY/ROW/ADJUT MONUMENTS  
MODIFIED DATUM PLANE COORDINATES (METERS)

PT #	NORTHING	EASTING	FIELD BOOK & PAGE	DESCRIPTION
30	443249.798	949754.439	JFSA BK 248 PG. 14	25mm IRON PIN
31	443246.087	949555.484	JFSA BK 248 PG. 14	83mm ACP "AP 4 PLS 6842"
32	443246.004	949552.041	JFSA BK 248 PG. 14	83mm ACP "AP 3 PLS 6842"
33	443614.461	949538.714	JFSA BK 248 PG. 14	83mm ACP "AP 2 PLS 6842"
34	443614.888	949553.333	JFSA BK 248 PG. 14	83mm ACP "AP 1 PLS 6842"
35	443497.301	949553.924	JFSA BK 248 PG. 14	32mm OPC "LS 2372"
36	443516.894	949592.241	JFSA BK 248 PG. 14	#4 REBAR
37	443617.019	949602.284	JFSA BK 248 PG. 14	32mm OPC "LS 2372"
38	443251.073	949971.530	JFSA BK 248 PG. 14	76mm BC 348+59 L ROW
39	443271.524	950006.153	JFSA BK 248 PG. 14	76mm BC 348+59 R ROW
40	444117.918	949459.632	JFSA BK 248 PG. 14	76mm BC 381+62.7 L ROW
41	444138.338	949494.256	JFSA BK 248 PG. 14	76mm BC 381+62.7 R ROW
42	444799.479	949471.488	JFSA BK 248 PG. 25	76mm BC 404+17.9 L ROW
43	444792.675	949511.127	JFSA BK 248 PG. 14	76mm BC 404+17.9 R ROW
100	443108.826	949755.172	JFSA BK 248 PG. 14	CNWSSE 1/256 S22, T11S, R69W
101	443211.006	949754.769	JFSA BK 248 PG. 14	CWE 1/64 S22, T11S, R69W
102	443211.169	949754.740	JFSA BK 248 PG. 14	38mm ACP "GLAUGH LS 6237"
103	443620.503	949752.606	JFSA BK 248 PG. 14	CWNE 1/64 S22, T11S, R69W
104	443205.452	949555.717	JFSA BK 248 PG. 14	C 1/4 S22, T11S, R69W
105	444027.669	949550.796	JFSA BK 248 PG. 14	N 1/4 S22, T11S, R69W
106	443616.415	949553.326	JFSA BK 248 PG. 14	CN 1/16 S22, T11S, R69W

<b>Computer File Information</b>	
Creation Date: 04/08/98	Initials: RLS
Last Modification Date: 07/24/98	Initials: RLS
Full Path: \\SV-1\0\11861\DWG\	
Drawing File Name: 11861SCD.DWG	
Acad Ver.: R14	Scale: 1:2500
	Units: METRIC

<b>Sheet Revisions</b>	
(E-1)	
(E-2)	
(E-3)	
(E-4)	
(E-5)	

**Colorado Department of Transportation**  
  
 J. F. Solo and Associates  
 5898 South Rapp Street  
 Littleton, Colorado 80120  
 Phone: (303) 797-1200 FAX: (303) 797-1187  
**REGION 2**

<b>As Constructed</b>	
No Revisions:	
Revised:	
Void:	
<b>Control Survey Diagram</b>	
Surveyor: DLJ	
Checker: RLS	
Sheet Subject: SURVEY	Sheet No.: 2 of 2
<b>Project No./Code</b>	
BR 067A-010	
11861	
Sheet Number	

**GENERAL NOTES:**  
 1. THIS CONTROL SURVEY IS FOR THE USE OF THE COLORADO DEPARTMENT OF TRANSPORTATION.  
 THIS SURVEY IS NOT A COMPLETE BOUNDARY SURVEY.

2. NO GUARANTEE AS TO THE ACCURACY OF THE INFORMATION CONTAINED ON THIS DIAGRAM IS EITHER STATED OR IMPLIED UNLESS THIS COPY BEARS AN ORIGINAL SIGNATURE OF THE REGISTERED LAND SURVEYOR HEREON NAMED.

3. NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVERED SUCH DEFECT IN NO EVENT, MAY ANY LEGAL ACTION BE BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

4. THE GPS FIELD WORK WAS PERFORMED BY JFSA FIELD CREWS ON NOVEMBER 20, 1997. VALUES LISTED ON ALL POINTS HEREON WERE DETERMINED BY FAST-STATIC, REAL-TIME KINEMATIC (RTK) GPS AND CONVENTIONAL OBSERVATIONS. FAST-STATIC GPS DATA WAS REDUCED BY MOUNTAIN SURVEYING & MAPPING INC., BASED ON HORIZONTAL DATUM: NAD 83/92

5. PRIMARY SURVEY CONTROL PRECISION (FAST STATIC, RTK GPS AND CONVENTIONAL METHODS) COMPUTED TO EXCEED COLORADO DEPARTMENT OF TRANSPORTATION MINIMUM HORIZONTAL CONTROL TOLERANCE FOR TYPE A SURVEY (± 0.10 FEET AT 95% CERTAINTY)

6. CONVERSION OF COLORADO STATE PLANE CENTRAL ZONE TO MODIFIED DATUM PLANE COORDINATES (METERS) WAS MADE USING 99956463 AS AN AVERAGED COMBINED SCALE FACTOR.

7. TOPOGRAPHIC AND NATURAL FEATURES SHOWN ON THIS DOCUMENT ARE FOR ORIENTATION PURPOSES ONLY.

8. MONUMENT RECORDS HAVE BEEN FILED PER COLORADO REVISED STATUTES 38-53-103.

9. BASIS OF BEARINGS: BEARINGS ARE REFERENCED TO THE LINE BETWEEN POINTS #8425, A SET CDOT TYPE 2 MONUMENT, AND #8402, ALSO A SET CDOT TYPE 2 MONUMENT. THE GRID BEARING BETWEEN THE TWO MONUMENTS BEARS S 30° 30' 39" E.

10. BASIS OF ELEVATIONS: ELEVATIONS ARE BASED ON USC&GS BENCHMARK S293, HAVING A NAV88 ELEVATION OF 2354.162 METERS. THE BENCHMARK IS A STANDARD 89mm BRASS DISK STAMPED: S 293 1952, SET IN THE TOP OF A 200mm ROUND CONCRETE POST ABOUT 150mm FEET ABOVE GROUND. MARK IS 24.1KM NORTHEAST OF FLORISSANT, 12.9KM NORTH-NORTHWEST OF WOODLAND PARK AND 3.5KM SOUTH OF THE TELLER COUNTY-DOUGLAS COUNTY LINE, AT STATE HIGHWAY MILEPOST B5.1.

**SURVEYOR'S CERTIFICATION**

I, DANIEL P. WILMETH, A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, HEREBY CERTIFY THAT THE FIELD WORK, AS WELL AS, THIS SURVEY CONTROL DIAGRAM WERE DONE BY ME, OR UNDER MY DIRECT RESPONSIBILITY, SUPERVISION, AND CHECKING, FOR AND ON BEHALF OF THE COLORADO DEPARTMENT OF TRANSPORTATION, REGION NO. 2.

DANIEL P. WILMETH, P.L.S. # 25384

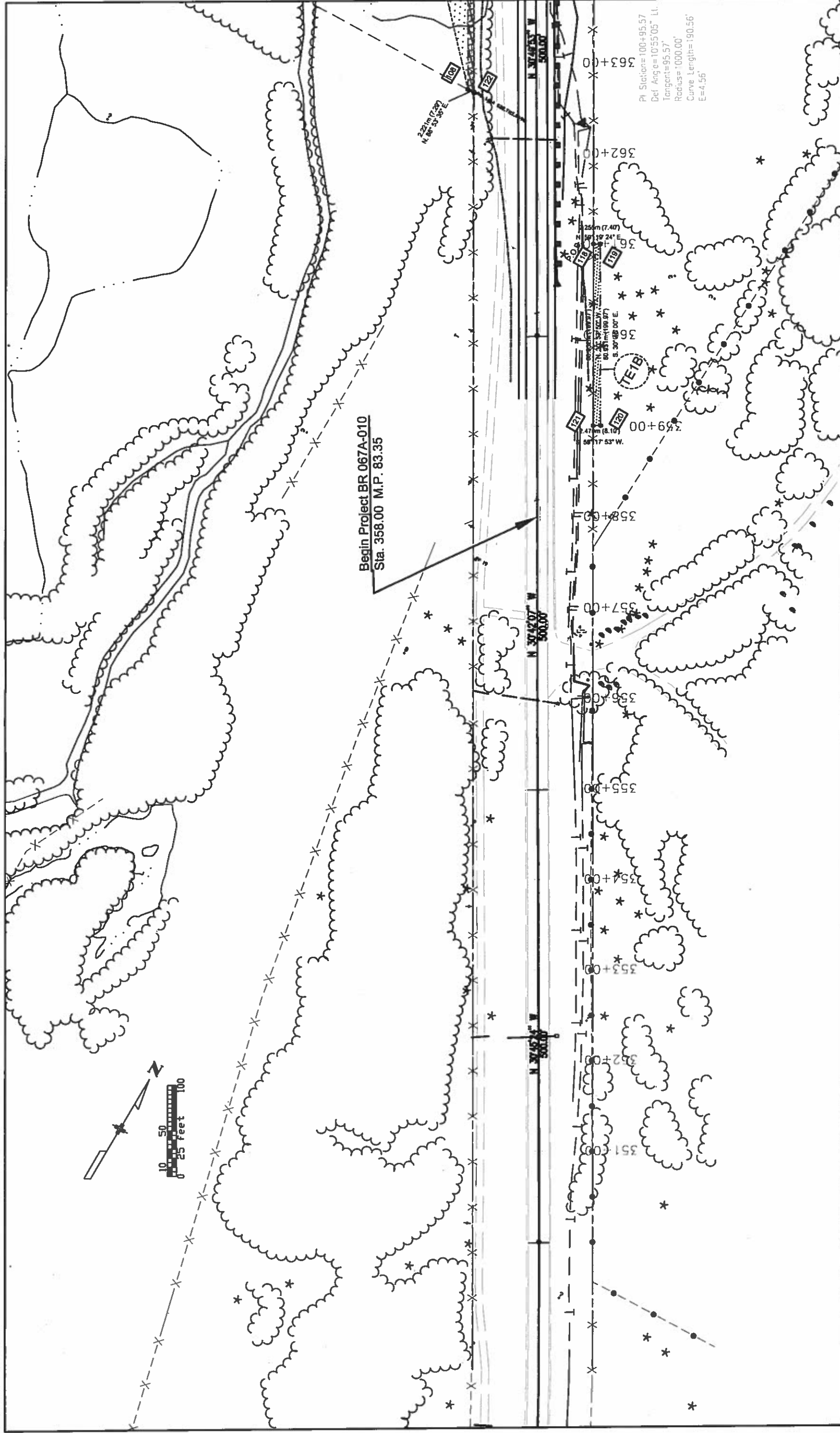
**COUNTY SURVEYORS DEPOSIT**

DEPOSITED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ AD, 19\_\_\_\_ AT \_\_\_\_\_ O'CLOCK \_\_\_\_\_ M. IN BOOK \_\_\_\_\_ AT PAGE \_\_\_\_\_ OF THE COUNTY SURVEYOR'S LAND SURVEY PLATS AND RIGHTS OF WAY SURVEYS, TELLER COUNTY COLORADO.

RECEPTION No. \_\_\_\_\_

ASSIGNED BY \_\_\_\_\_

TITLE \_\_\_\_\_



Project No./Project Location/Project Code	BR 067A-010
N/O Jct. SH 24 (Str. H-16-G)	11861
Sheet Number	4 of 7

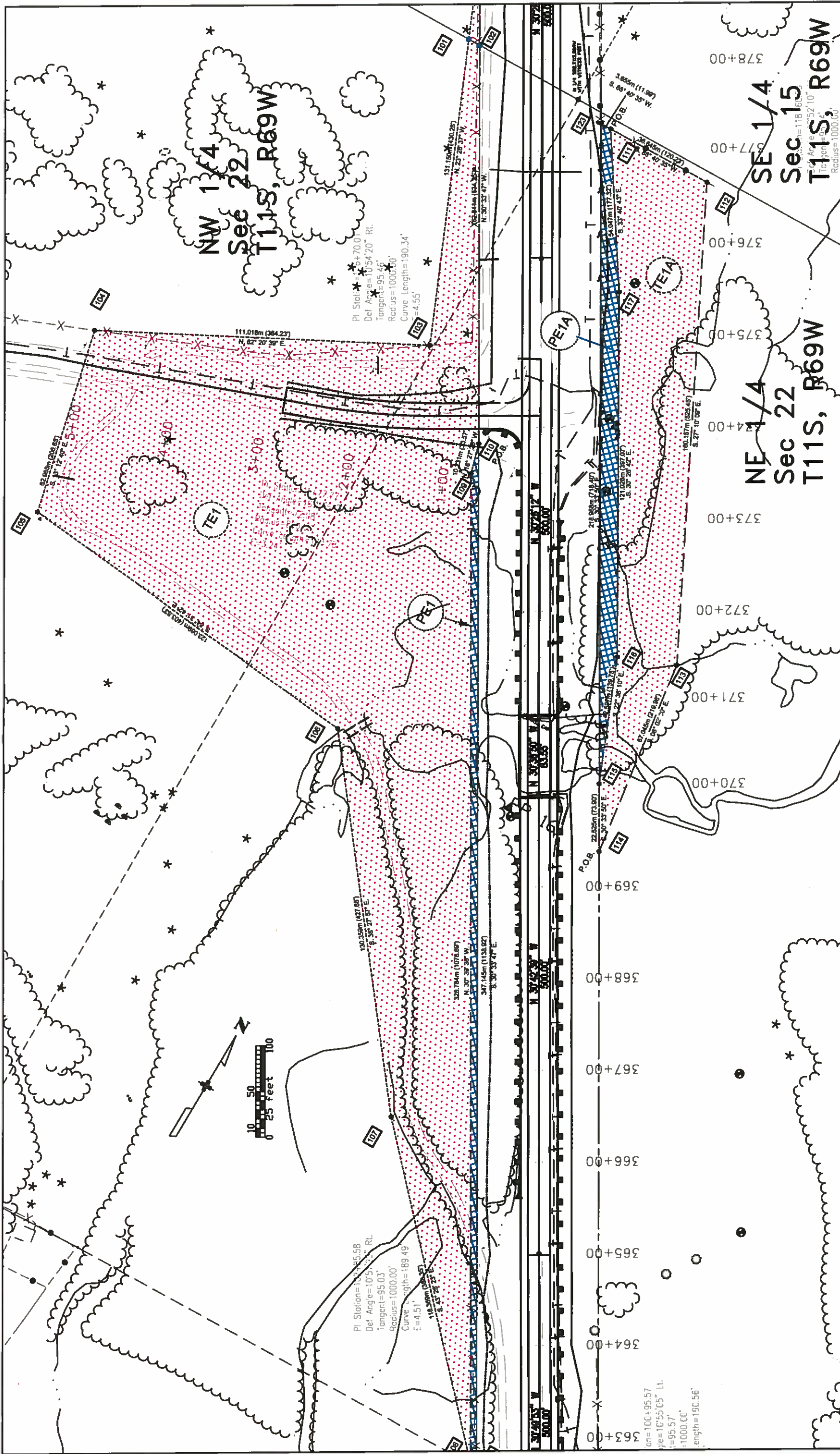
# ROW Plan Sheet

**Colorado Department of Transportation**

**DOT** Region 2  
 805 Erie Avenue  
 Pueblo, CO 81002  
 Phone: (719) 546-5454  
 FAX: (719) 546-5414

**Right of Way / Survey Unit**  
 Micheal Bouchard

Computer File Information		Sheet Revisions	
Creation Date:	11/04/99	xxxx	
Initials:	LRL	xxxx	
Last Modification Date:			
Initials:			
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Acad Ver.:	R14.01	Scale:	1:50
Units:	ENGLISH		



Computer File Information		Sheet Revisions	
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Acad Ver.:	R14.01	Scale:	1:50
		Units:	ENGLISH

Colorado Department of Transportation	
Region 2 905 Erie Avenue Pueblo, CO 81002 Phone: (719) 546-5454 Fax: (719) 546-5414	
Right of Way / Survey Unit	
Michael Bouchard	

Project No./Project Location/Project Code	BR 067A-010
	N/O Jct. SH 24 (Str. H-16-G)
	11861
Sheet Number	5 of 7

# ROW Plan Sheet

**NE 1/4**  
**Sec 22**  
**T11S, R69W**

**SE 1/4**  
**Sec 15**  
**T11S, R69W**

on=100+95.57  
 file=10°55'05" LL  
 l=95.57'  
 =1000.00'  
 length=190.56'

