



Region 3  
222 South Sixth Street, Room 317  
Grand Junction, CO 81501-2769  
Phone: (970) 248-7232 FAX: (970) 248-7233

Right of Way Plans Unit: Thomas Spor

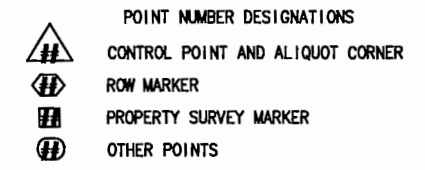
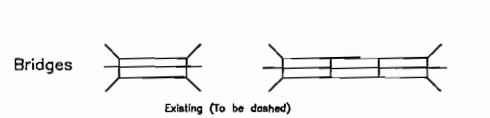
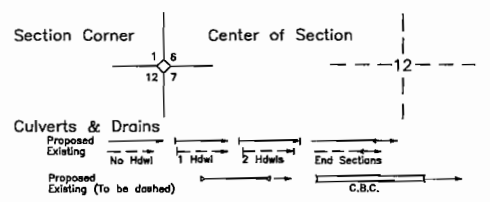
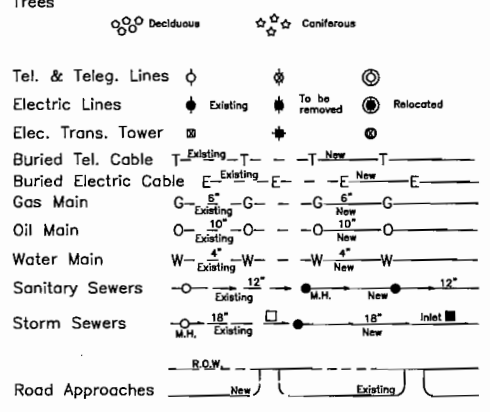
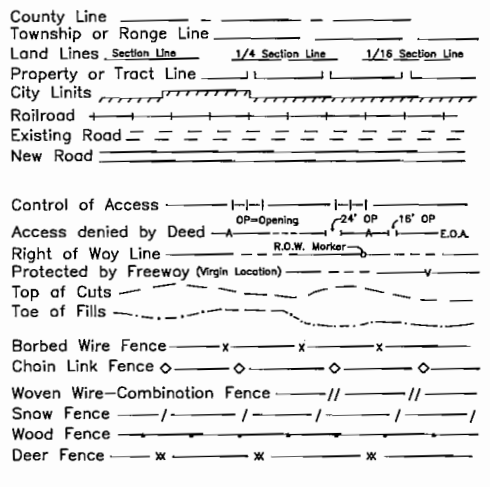
Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	By	Date	Description	By	Date	Description	By
07/04	Drafting changes on sheet 3	TDS						

Right of Way Plans				
Title Sheet				
Project Number: BR 0141-014				
Project Location: GRIZZLY CREEK				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13201	7-9-2004		1	5

# DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

## RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. BR 0140-014 STATE HIGHWAY NO. 14 JACKSON COUNTY T. 5 N., R. 81 W., 6TH P.M. RIGHT OF WAY

### CONVENTIONAL SIGNS



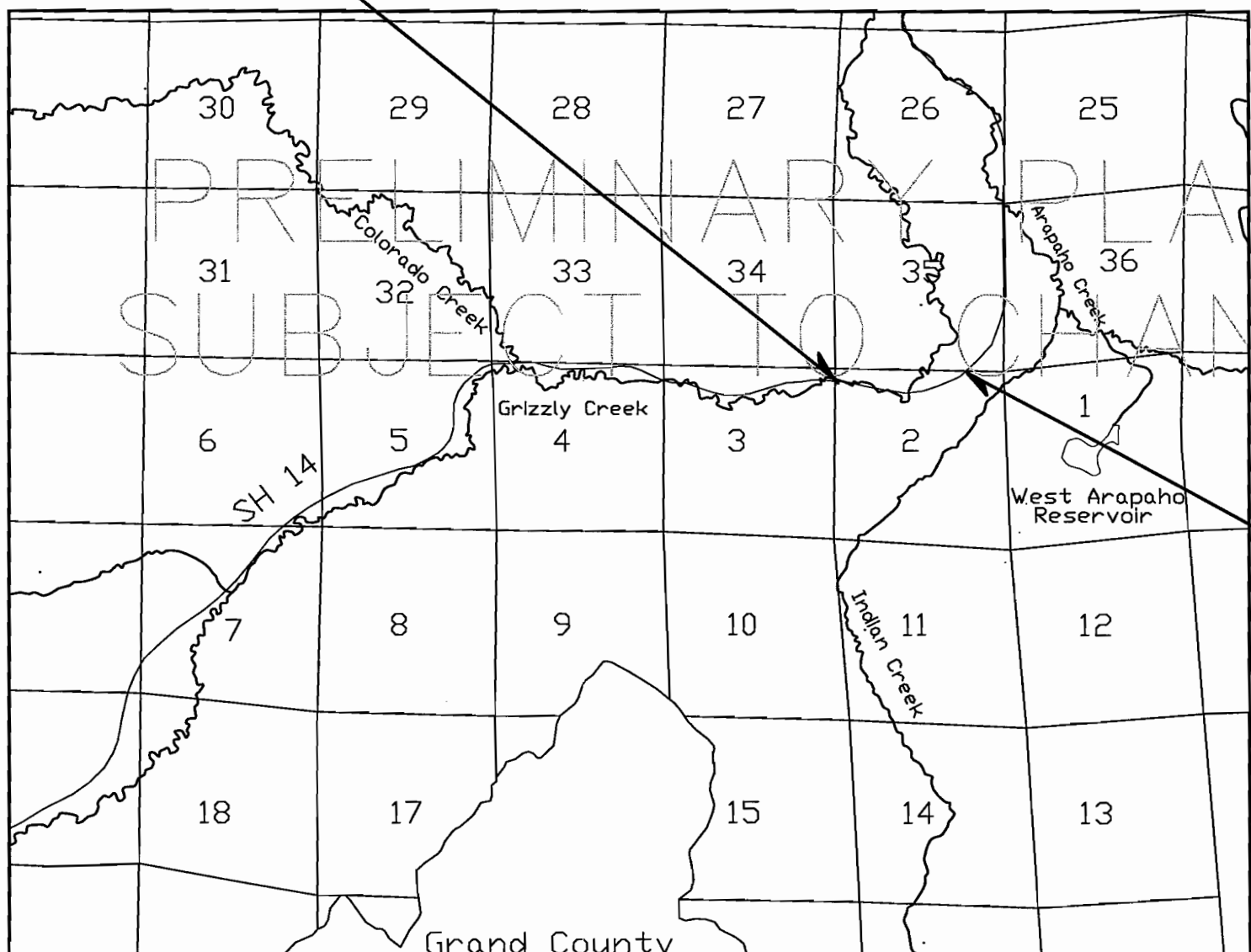
**BASIS OF BEARINGS**  
FROM THE N 1/4 CORNER OF SECTION 2, T5N R81W TO  
THE NE CORNER OF SECTION 2, T5N R81W BEARING  
S 89°06'48.1" E A DISTANCE OF 2668.688 FEET

BEGIN R.O.W. PROJ. BR 0141-014  
STA = 457+18.87  
M.P. 8.57

PLAN SHEETS 1" = 50'

R.O.W. LENGTH OF PROJECT = 0.2 MILES

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TABULATION OF PROPERTIES
3-3B	CONTROL AND MONUMENTATION
4-5	PLAN SHEETS



PRELIMINARY PLANS  
SUBJECT TO CHANGE  
T6N R81W 6th PM  
T5N R81W 6th PM

END R.O.W. PROJ. BR 0141-014  
STA = 468+00.00  
M.P. 8.77

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

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





Region 3  
222 South Sixth Street, Room 317  
Grand Junction, CO 81501-2769  
Phone: (970) 248-7232 FAX: (970) 248-7233

Right of Way Plans Unit: Thomas Spor

Sheet Revisions		
07/04	Drafting changes	TDS

Sheet Revisions		
mm/yy	XXXXX	XXX

Sheet Revisions		
mm/yy	XXXXX	XXX

Right of Way Plans				
Monumentation Sheet				
Project Number: BR 0141-014				
Project Location: GRIZZLY CREEK				
Project Location:				
Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13201	7-9-2004	3A-3B	3	5

**GENERAL NOTES**

1. This Right of Way plan is not a complete boundary survey of all adjoining owners and is prepared for Transportation Department purposes Only.
2. Survey Control Points set with a higher degree of accuracy than ROW Markers.
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 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.
4. All R.O.W. Markers set from survey control points.
5. All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field. All stationing is approximate.
6. All coordinates listed are project coordinates only.
7. Field survey control precision computed to exceed 1/20,000.

TABULATION OF ROW POINTS

```

=====
PNT  NORTHING  EASTING  LOCATION
505  403779.382  734740.562  Parcel 100
506  403857.545  735356.755  Parcel 100
507  403973.739  735478.098  Parcel 100
508  404014.637  735800.514  Parcel 100
509  403630.574  734759.439  Parcel 100
510  403643.930  734864.725  Parcel 100
511  403535.653  735004.461  Parcel 100
512  403560.822  735202.871  Parcel 100
513  403694.266  735261.545  Parcel 100
514  403766.624  735831.974  Parcel 100
    
```

TABULATION OF TEMPORARY EASEMENT POINTS

```

=====
PNT  NORTHING  EASTING  LOCATION
515  403782.041  734761.525  TE-100
516  403870.287  734861.212  TE-100
517  403944.690  735447.762  TE-100
518  403952.083  735506.045  TE-100
    
```

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	4	5
REFERENCE								
RIGHT OF WAY								
CONTROL								
ALIQUOT CORNER								
WITNESS POST								

**SURVEYOR CERTIFICATE (FIELD)**

Control Survey and Monumentation was done under my supervision and checking.

NAME \_\_\_\_\_ P.L.S. NO. \_\_\_\_\_

DATE \_\_\_\_\_

**SURVEYOR CERTIFICATE (OFFICE)**

R.O.W. Plans and Legal Descriptions were prepared under my supervision and checking.

NAME \_\_\_\_\_ P.L.S. NO. \_\_\_\_\_

DATE \_\_\_\_\_



Region 3  
222 South Sixth Street, Room 317  
Grand Junction, CO 81501-2769  
Phone: (970) 248-7232 FAX: (970) 248-7233

Right of Way Plans Unit:

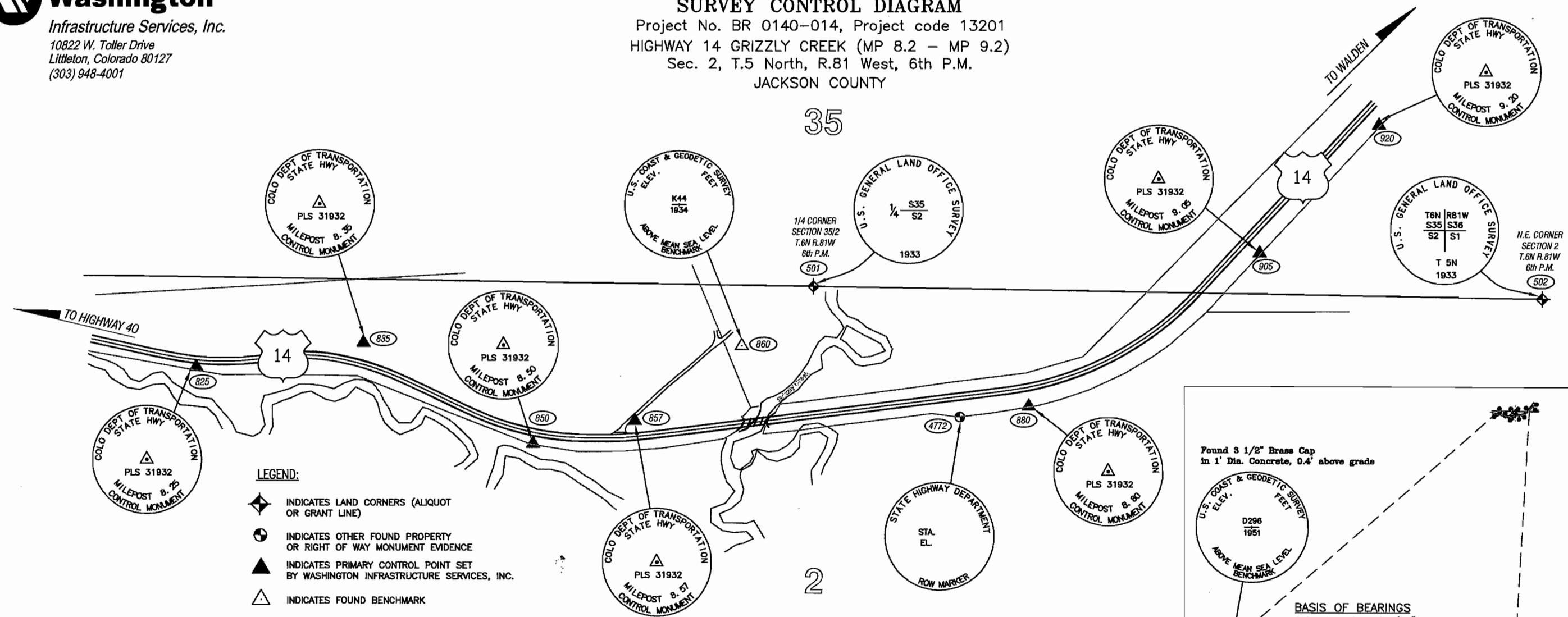
Sheet Revisions		Sheet Revisions		Sheet Revisions	

Right of Way Plans				
Survey Control Diagram				
Project Number: BR 0140-014				
Project Location: Grizzly Creek				
Project Location:				
Project Code	Last Mod. Date	Subsect Sheets	Sheet No.	Total No. of Sheets
13201	7/27/01	3A-3B	3A	5

**Washington**  
Infrastructure Services, Inc.  
10822 W. Toller Drive  
Littleton, Colorado 80127  
(303) 948-4001

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO  
SURVEY CONTROL DIAGRAM

Project No. BR 0140-014, Project code 13201  
HIGHWAY 14 GRIZZLY CREEK (MP 8.2 - MP 9.2)  
Sec. 2, T.5 North, R.81 West, 6th P.M.  
JACKSON COUNTY



- LEGEND:**
- ◆ INDICATES LAND CORNERS (ALIQUOT OR GRANT LINE)
  - ⊕ INDICATES OTHER FOUND PROPERTY OR RIGHT OF WAY MONUMENT EVIDENCE
  - ▲ INDICATES PRIMARY CONTROL POINT SET BY WASHINGTON INFRASTRUCTURE SERVICES, INC.
  - △ INDICATES FOUND BENCHMARK

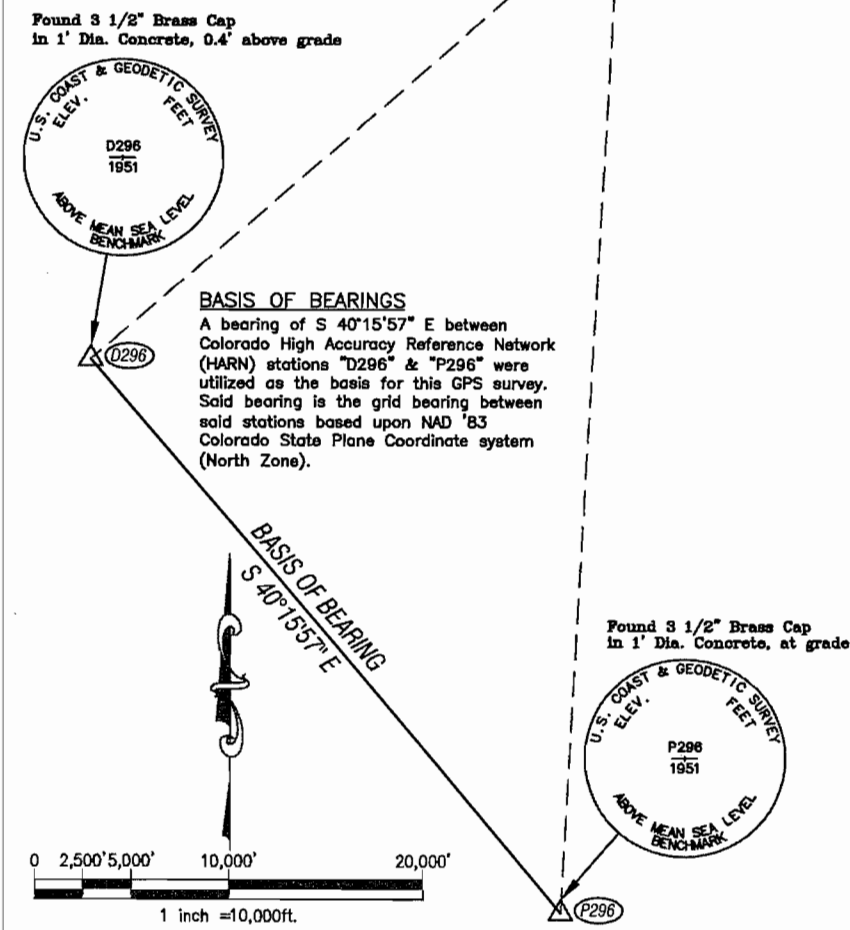
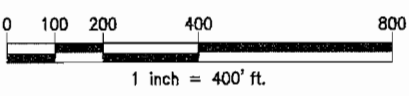
**GENERAL NOTES**  
This survey was conducted to provide control for future highway design and construction purposes and is for the use of the Colorado Department of Transportation.

Coordinates as shown are project coordinates in U.S. feet (unless otherwise specified).

Elevations as shown are based upon differential levels from U.S.G.S. Benchmark K44 as indicated in the appropriate N.G.S. data sheet, Elevation 8353.01.

This Control diagram does not represent a monumented land survey. It is intended to provide information in regard to the found existing control points and supplemental control points set.

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 herein.




I, PETER T. KENT, 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 PLSS LAND CORNERS AND THE BOUNDARY EVIDENCE DATA SHOWN HEREON WAS COLLECTED AND COMPILED AND THIS SURVEY CONTROL DIAGRAM WAS PREPARED UNDER MY SUPERVISION AND CHECKING, FOR AND ON BEHALF OF WASHINGTON INFRASTRUCTURE SERVICES, INC.

NAME \_\_\_\_\_

DEPOSITED THIS DAY OF \_\_\_\_\_ AT \_\_\_\_\_ FOR INFORMATION ONLY IN BOOK \_\_\_\_\_ OF THE \_\_\_\_\_ LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE \_\_\_\_\_ RECEIVED NUMBER \_\_\_\_\_  
 SIGNED \_\_\_\_\_ DEPT. \_\_\_\_\_

DWGNAME: Y:\230907\ROW\PlanProcess\control.dwg PLOT DATE: 07/27/01 PLOT TIME: 08:40:52



Region 3  
222 South Sixth Street, Room 317  
Grand Junction, CO 81501-2769  
Phone: (970) 248-7232 FAX: (970) 248-7233

DEPARTMENT OF TRANSPORTATION  
Right of Way Plans Unit:

Sheet Revisions	

Sheet Revisions	

Sheet Revisions	

Right of Way Plans				
Survey Control Diagram				
Project Number: BR 0140-014				
Project Location: Grizzly Creek				
Project Location:				
Project Code:	Last Mod. Date	Subsect Sheets	Sheet No.	Total No. of Sheets
13201	7/27/01	3A-3B	3B	5



Infrastructure Services, Inc.  
10822 W. Toller Drive  
Littleton, Colorado 80127  
(303) 948-4001

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO  
SURVEY CONTROL DIAGRAM  
Project No. BR 0140-014, Project code 13201  
HIGHWAY 14 GRIZZLY CREEK (MP 8.2 - MP 9.2)  
Sec. 2, T.5 North, R.81 West, 6th P.M.  
JACKSON COUNTY

State Plane Coordinates of Observations Performed by Washington Infrastructure Services, Inc.

NAME	NAD 83/92 NORTHING	NAD 83/92 EASTING	ORTHO HEIGHT	NAD 83/92 LATITUDE	NAD 83/92 LONGITUDE	ELLIP HEIGHT	COMBINED FACTOR	SCALE FACTOR	ELEVATION FACTOR	CONVERGENCE
ALJQUOT										
501	1403629.685	2734159.397	XXXX.XXX	40°26'14.76777"N	106°27'18.19693"W	8306.071	0.9995659	0.9999621	0.9996038	-0°37'02"
502	1403588.408	2736826.565	XXXX.XXX	40°26'14.64234"N	106°26'43.69857"W	8460.325	0.9995586	0.9999621	0.9995964	-0°36'39"
CDOT										
825	1403329.622	2731901.285	8370.370	40°26'11.56138"N	106°27'47.35734"W	8330.766	0.9995647	0.9999621	0.9996026	-0°37'20"
835	1403419.376	2732513.529	8392.933	40°26'12.51391"N	106°27'39.45230"W	8353.319	0.9995637	0.9999621	0.9996015	-0°37'15"
850	1403046.940	2733132.525	8362.621	40°26'08.89993"N	106°27'31.39526"W	8322.985	0.9995650	0.9999620	0.9996030	-0°37'10"
857	1403131.935	2733505.997	8359.177	40°26'09.77968"N	106°27'26.57739"W	8319.529	0.9995652	0.9999621	0.9996031	-0°37'07"
860	1403409.029	2733896.855	8353.010	40°26'12.55942"N	106°27'21.56143"W	8313.362	0.9995656	0.9999621	0.9996034	-0°37'04"
880	1403187.100	2734947.397	8394.362	40°26'10.47815"N	106°27'07.94481"W	8354.665	0.9995636	0.9999621	0.9996015	-0°36'55"
905	1403755.547	2735792.427	8460.205	40°26'16.18473"N	106°26'57.09550"W	8420.460	0.9995605	0.9999622	0.9995983	-0°36'48"
920	1404230.629	2736226.485	8504.359	40°26'20.92508"N	106°26'51.54775"W	8464.591	0.9995585	0.9999622	0.9995962	-0°36'44"
HARN										
D296	1376571.004	2701418.723	XXXX.XXX	40°21'43.69291"N	106°34'17.37449"W	8327.088	0.9995615	0.9999587	0.9996028	-0°41'32"
P296	1340157.579	2732262.389	XXXX.XXX	40°15'47.36109"N	106°27'33.84831"W	7654.087	0.9995918	0.9999569	0.9996349	-0°37'12"

Boundary Evidence Tied by Washington Infrastructure Services (Modified Project Control)

PT.#	NORTHING	EASTING	DESCRIPTION
4772	403779.078	735927.146	R.O.W. MONUMENT FND. 3" BRASS CAP IN 6" DIA. CONC. RAISED 0.5' ABOVE GROUND.

Control Set or Recovered By Washington Infrastructure Services, Inc.

"U.S. FOOT" SH-14 PROJECT NORTHING	"U.S. FOOT" SH-14 PROJECT EASTING	NAVD88 "U.S. FOOT" SH-14 PROJECT ELEVATION	DESCRIPTION (STAMPED AS SHOWN ON SHEET 1 OF THIS PLAN SET)
825	403961.405	733131.194	8370.37 "MP 8.25" SET 3/4" ALUMINUM CAP, FLUSH WITH GROUND, IN MOUND OF STONES.
835	404051.199	733743.714	8392.93 "MP 8.35" SET 3/4" ALUMINUM CAP, FLUSH WITH GROUND, IN MOUND OF STONES.
850	403678.595	734362.988	8362.62 "MP 8.50" SET 3/4" ALUMINUM CAP, FLUSH WITH GROUND.
857	403763.629	734736.628	8359.18 "MP 8.57" SET 3/4" ALUMINUM CAP, FLUSH WITH GROUND, IN MOUND OF STONES.
860	404040.847	735127.662	8353.01 "MP 8.60" FND. 3/4" BRASS CAP, SET IN 1'sq. CONC.BLOCK, 0.6' ABOVE GRADE, N.G.S. BENCHMARK.
880	403818.818	736178.677	8394.36 "MP 8.80" SET 3/4" ALUMINUM CAP, 0.1' BELOW GRADE.
905	404387.521	737024.088	8460.21 "MP 9.05" SET 3/4" ALUMINUM CAP, FLUSH WITH GROUND, IN MOUND OF STONES.
920	404862.817	737458.341	8504.36 "MP 9.20" SET 3/4" ALUMINUM CAP, FLUSH WITH GROUND, IN MOUND OF STONES.

STATE PLANE CONVERSION  
TO CONVERT FROM "NAD83/92 COLO/NORTH ZONE 501 USFT" TO "SH-14 PROJECT PLANE DATUM" YOU MUST:  
FIRST: DIVIDE THE NAD83 COLO. NORTH ZONE - 501 COORDINATE (N & E) BY 0.999550, THEN  
SECOND: SUBTRACT 1,000,000.00 FROM THE NORTH VALUE, THEN  
THIRD: SUBTRACT 2,000,000.00 FROM THE EAST VALUE, THIS  
EQUALS: THE "SH-14 PROJECT PLANE DATUM" COORDINATE

PROJECT BENCHMARK  
VERTICAL DATUM IS BASED ON AN ELEVATION OF 8353.01 ON A FOUND 3 1/4" BRASS CAP, (N.G.S. POINT # K44) SET IN 1.0' SQUARE CONCRETE BASE (STAMPED AS SHOWN ON PAGE 1 OF THIS PLAN SET) AND FURTHER DESCRIBED ON N.G.S. DATA P.I.D. SHEET LM0111.

Land Corners Tied by Washington Infrastructure Services (Modified Project Control)

PT.#	NORTHING	EASTING	DESCRIPTION
501	404261.603	735390.323	N.E. COR. OF SEC. 2, T.5 N., R.81 W., 6th P.M. - 2 1/2" BRASS CAP SET ON 2" DIA. IRON PIPE, RAISED 1.0' ABOVE GROUND, IN A MOUND OF STONES.
502	404220.307	738058.691	N. 1/4 COR. OF SEC. 2, T.5 N., R.81 W., 6th P.M. - 2 1/2" BRASS CAP SET ON 1" DIA. IRON PIPE, RAISED 0.9' ABOVE GROUND.

General Notes

Coordinates as shown are project coordinates in U.S. feet (unless otherwise specified).

This Control diagram does not represent a monumented land survey. It is intended to provide information on the project control established by CDOT and the PLSS land corners and boundary evidence located by Washington Infrastructures Services, Inc.

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 herein.

I, PETER T. KENT, 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 PLSS LAND CORNERS AND THE BOUNDARY EVIDENCE DATA SHOWN HEREON WAS COLLECTED AND COMPILED AND THIS SURVEY CONTROL DIAGRAM WAS PREPARED UNDER MY SUPERVISION AND CHECKING, FOR AND ON BEHALF OF WASHINGTON INFRASTRUCTURE SERVICES, INC.

NAME \_\_\_\_\_



Region 3  
222 South 6th Street Room 317  
Grand Junction, Colorado 81501  
Phone: (970) 248-7232 FAX: (970) 248-7233

Right of Way Plans Unit: Thomas Spor

Sheet Revisions	

Sheet Revisions	

Sheet Revisions	

Project Number: BR 0141-014

Project Location: Grizzly Creek

Project Code: MP 8.57 to 8.77

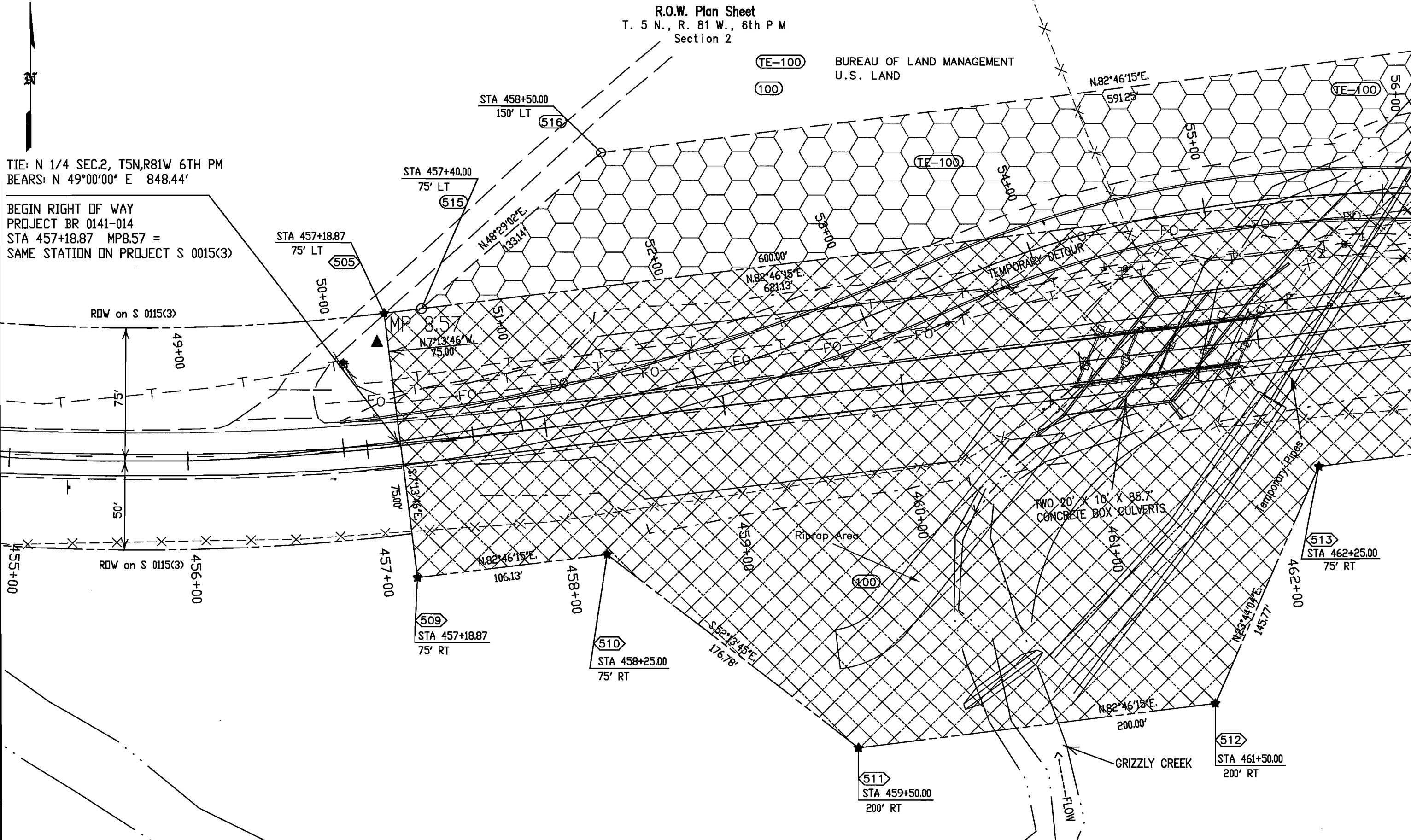
Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13201	4-7-2004		4	5

R.O.W. Plan Sheet  
T. 5 N., R. 81 W., 6th P M  
Section 2

TE-100 BUREAU OF LAND MANAGEMENT  
100 U.S. LAND

TIE: N 1/4 SEC.2, T5N,R81W 6TH PM  
BEARS: N 49°00'00" E 848.44'

BEGIN RIGHT OF WAY  
PROJECT BR 0141-014  
STA 457+18.87 MP8.57 =  
SAME STATION ON PROJECT S 0015(3)



FILED CERTIFICATION: DAY OF \_\_\_\_\_ 19\_\_\_\_ AT \_\_\_\_\_ M., FOR INFORMATION  
DEPOSITED THIS \_\_\_\_\_ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY  
SURVEYS AT PAGE \_\_\_\_\_ RECEPTION NUMBER \_\_\_\_\_

SIGNED \_\_\_\_\_  
DEPT. \_\_\_\_\_

datestamp



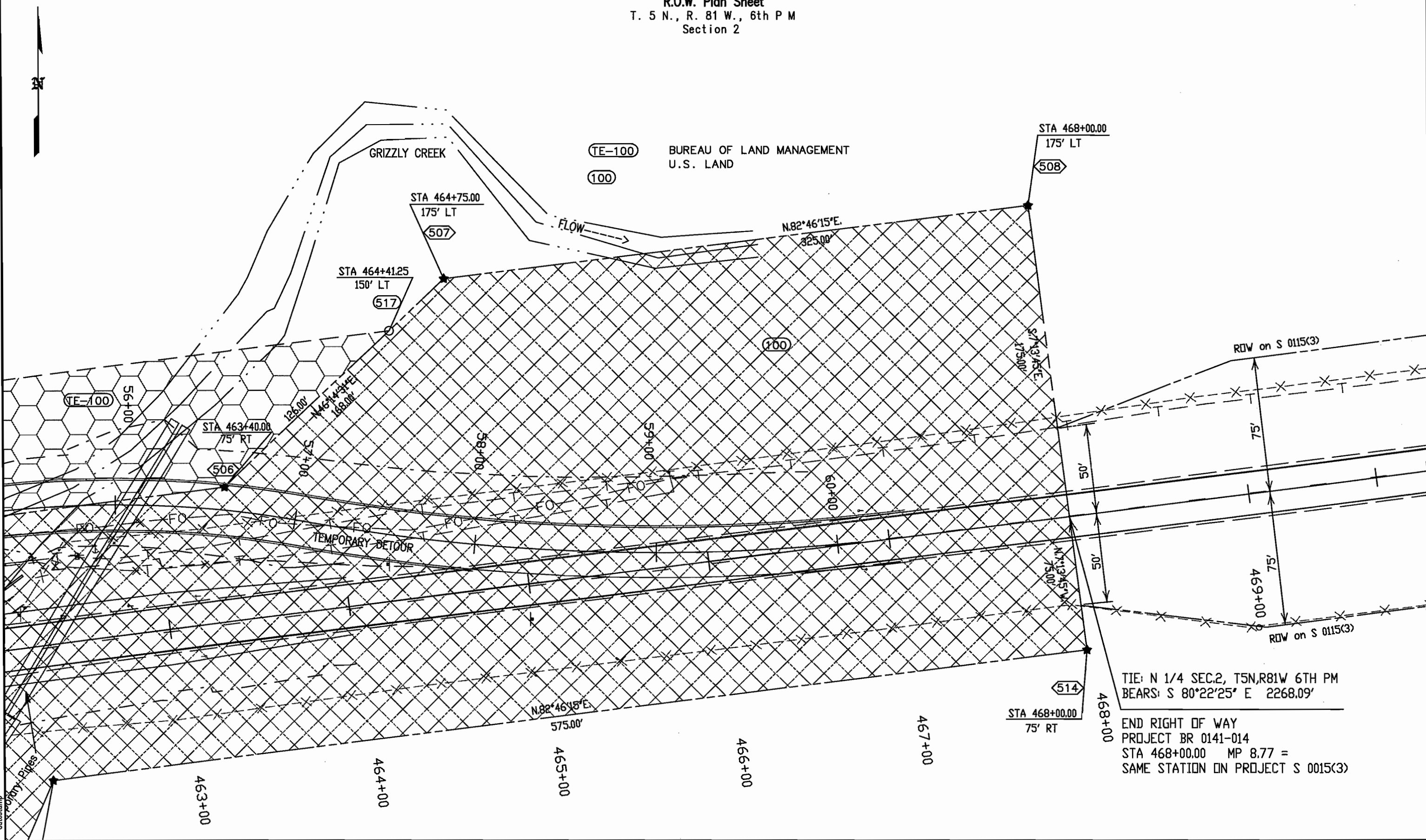
Region 3  
222 South 6th Street Room 317  
Grand Junction, Colorado 81501  
Phone: (970) 248-7232 FAX: (970) 248-7233

Right of Way Plans Unit: Thomas Spor

Sheet Revisions		Sheet Revisions		Sheet Revisions	

Right of Way Plans				
Plan Sheet				
Project Number: BR 0141-014				
Project Location: Grizzly Creek				
Project Location: MP 8.57 to 8.77				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13201	4-7-2004		5	5

R.O.W. Plan Sheet  
T. 5 N., R. 81 W., 6th P M  
Section 2



TIE: N 1/4 SEC.2, T5N,R81W 6TH PM  
BEARS: S 80°22'25" E 2268.09'  
END RIGHT OF WAY  
PROJECT BR 0141-014  
STA 468+00.00 MP 8.77 =  
SAME STATION ON PROJECT S 0015(3)

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. \_\_\_\_\_

datestamp