

COLORADO DEPARTMENT OF TRANSPORTATION



Region 4
Address: 1420 Second Street
Greeley CO 80631
Phone: (970) 350-2153 FAX: (970) 350-2178

Right of Way Plans Unit: David Mantych, PLS

Sheet Revisions

12/27/2006	REVISED -- AS-BUILT	GAP

Sheet Revisions

mm/yy	XXXXX	XXX

Sheet Revisions

mm/yy	XXXXX	XXX

Right of Way Plans

Title Sheet

Project Number: BR 0062-013

Project Location: Kiowa Creek w/o Wiggins

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12810	2/7/2005	1 of 1	1	4

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED

FEDERAL AID PROJECT NO. BR 0062-013 STATE HIGHWAY NO. 6

MORGAN COUNTY RIGHT OF WAY

SCALES OF ORIGINAL DRAWINGS
PLAN SHEETS 1 INCH = 100 FEET
R.O.W. LENGTH OF PROJECT IN FEET = 1140.56'

INDEX OF SHEETS

- Title Sheet
- Plan, Ownership, Tabulation and Monumentation sheet
- 3A Control Diagram

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED:

DATE

DIVISION ADMINISTRATOR

SURVEYOR CERTIFICATE (OFFICE)

I, _____, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan was prepared under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty of warranty, either expressed or implied.

David Mantych, PLS No. 16412

Date

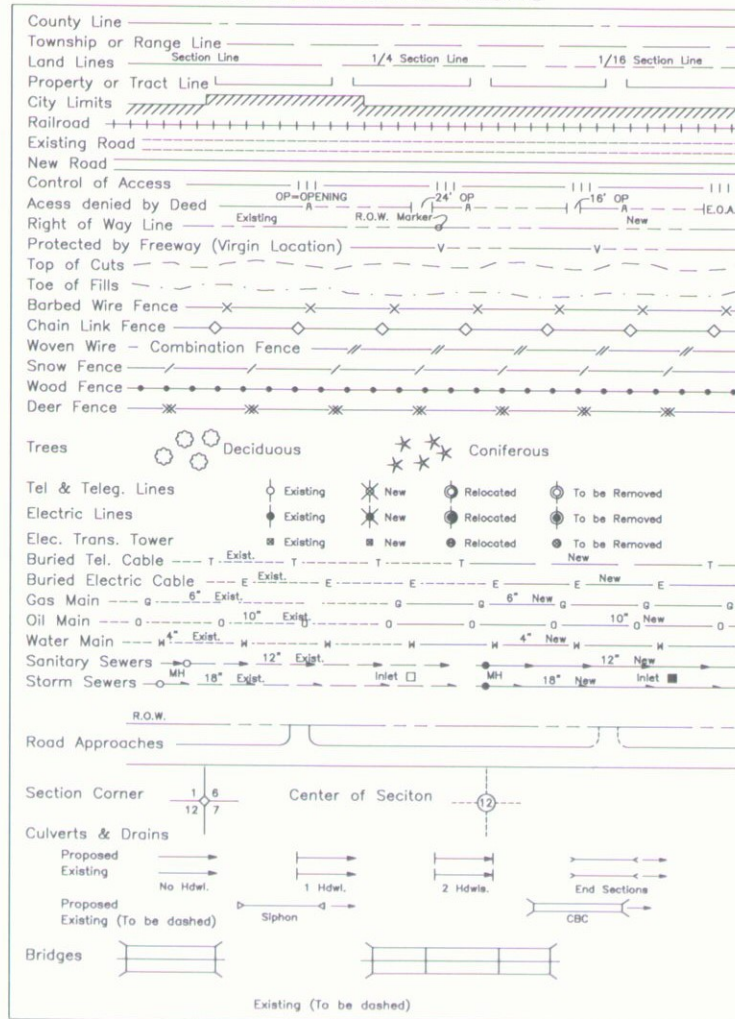
SURVEYOR CERTIFICATE (FIELD)

I, _____, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, adequate research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan were set under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty of warranty, either expressed or implied.

Edward C. Warwick PLS No. 29056

Date

CONVENTIONAL SIGNS



BASIS OF BEARINGS

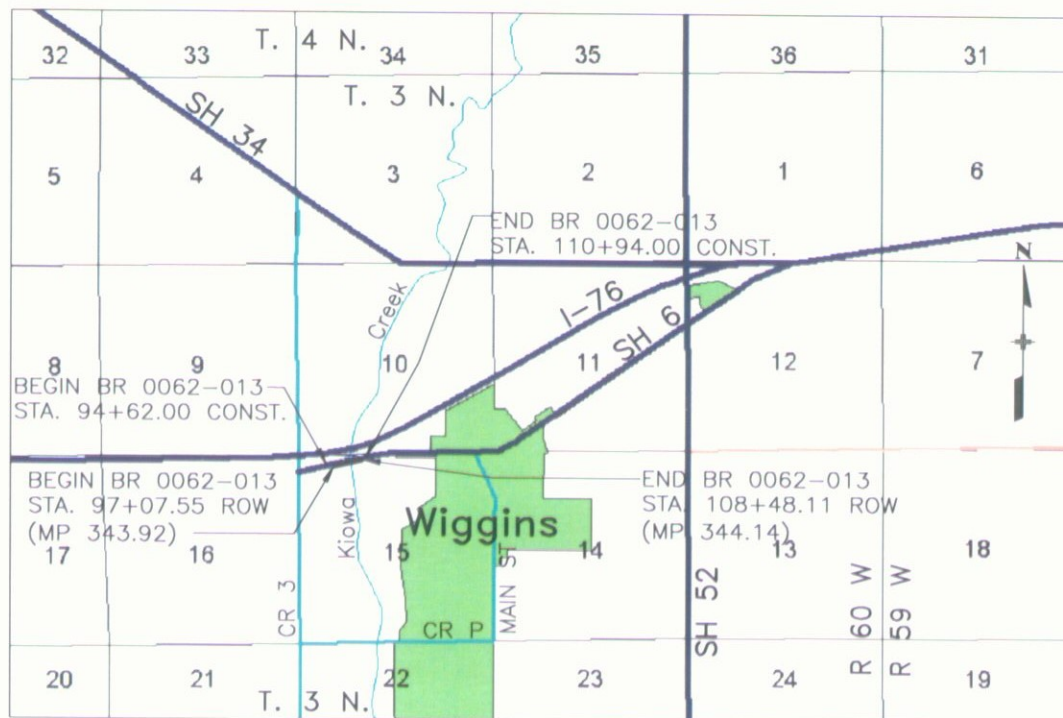
All bearings are based on the north line of the Northwest Quarter of Section 15, Township 3 North, Range 60 West, 6th P.M. as bearing S 88°37'03" W, a distance of 2651.78 feet, monumented as shown.

Northwest corner of Section 15
Found PK nail with brass washer
in bridge deck LS 34995.

North 1/4 corner Section 15
Found 2 1/2" Aluminum Cap
in range box LS 30120.

North Line of the NW 1/4 of Sec. 15
T. 3 N., R. 60 W., 6th P.M.
S 88°37'03" W 2651.78 feet

VICINITY MAP
SCALE 1" = 1 mile



COLORADO DEPARTMENT OF TRANSPORTATION



Region 4
1420 2nd Street
Greeley CO 80631
Phone: (970) 350-2153 FAX: (970) 350-2178

Right of Way Plans Unit: David Mantych, PLS

Sheet Revisions

12/27/2006	REVISED- AS-BUILT	GAP

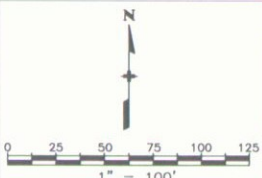
Right of Way Plans

Plan, Ownership & Monumentation Sheet

Project Number: BR 0062-013

Project Location: Kiowa Creek w/o Wiggins

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12810	2/11/2005	1 of 1	2	4



T. 3 N., R. 60 W., 6th Principal Meridian

76

SW 1/4
SEC. 10

STATE HIGHWAY 6

NORTH 1/4 CORNER SECTION 15
2 1/2" CAP IN MONUMENT BOX
POWERS ELEVATION LS 30120/1998
as per MONUMENT RECORD

NW CORNER SECTION 15
PK NAIL w/ BRASS WASHER LS 34995
as per MONUMENT RECORD

INTERSTATE

SECTION LINE

TABULATION OF R.O.W. MARKERS
TO BE SET BY STATE FORCES

POINT NO.	NORTHING	EASTING	TYPE SET
100	130870.4020	394306.6860	1, LS 29056
101	130917.7980	394485.4522	1, LS 29056
107	131012.0102	395141.6379	1, LS 29056
108	131012.5184	395161.1541	1, LS 29056
111	131073.7194	395158.6305	1, LS 29056

TABULATION OF TEMPORARY EASEMENT
POINTS TO BE STAKED

POINT NO.	NORTHING	EASTING
103	130905.7771	394593.9886
104	130925.4024	394687.9612
113	131021.4898	395313.5853
114	131023.5088	395391.1133

TABULATION OF POINTS
FOR INFORMATION PURPOSES ONLY

POINT NO.	NORTHING	EASTING
102	130942.5789	394586.3029
105	130962.2042	394680.2755
106	130970.0225	394722.8926
109	131017.0137	394638.0665
110	131065.7054	394826.5797
112	131077.8554	395329.9977
115	131079.7255	395407.4824
117	131074.7870	393544.4440
118	131138.7690	396195.4470

R.O.W. TABULATION OF PROPERTIES IN MORGAN COUNTY S.H. 6

PARCEL NO.	OWNER	ADDRESS	LOCATION	PARCEL AREA	REMAINDER	REMARKS	RECORDING INFORMATION
1	Daniel L. Busch	11965 HWY 52 WIGGINS, CO. 80654	N 1/2 NW 1/4 SEC. 15 T. 3 N., R. 60 W.	45,557 SF (1.05 ACRES)	66.5 ACRES		825986
TE-1	(Same as above)	(Same as above)	(Same as above)	3,635 SF		FOR CONSTRUCTION GRADING	
TE-1A	(Same as above)	(Same as above)	(Same as above)	4331 SF		FOR CONSTRUCTION GRADING	

Daniel Busch
11965 HWY 52
WIGGINS, CO. 80654
Reception No. 723370

Town of Wiggins
Permanent Easement
Reception No. 712250

NW 1/4
SEC. 15

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.
8. Commitments for title commitment supplied by United General Title Insurance Company Commitment No. NCT11145, Dated August 10, 2004 @ 8:00 A.M..
9. All of Parcel 1 lies within Flood Insurance Rate Map Zone A Panel No. 080129 0175 C effective date Sept. 29, 1989.

QUANTITY OF MONUMENTS TO BE SET

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



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

Survey Unit: Mark Guerrero

US 6 344.01 RP to 344.02 RP
Morgan County, Colorado
Section 15, T3N, R60W

Project Number: BR 0062-013

Project Location: Kiowa Creek (W/O Wiggins)

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12810	09/10/2003	1 of 2	3	

PROJECT COORDINATE SUMMARY TABLE (FEET)

POINT NAME		PROJECT COORDINATES		ELEV(ft)	DESCRIPTION
		NORTH (ft)	EAST (ft)		
CP 4382	(MP 343.82, US 6)	130834.41	393662.35	4566.70	CDOT Type II Control Monument
CP 4396	(MP 343.96, US 6)	130982.34	394429.32	4551.02	CDOT Type II Control Monument
CP 6420	(MP 64.20, I 76)	131190.74	395157.66	4554.39	CDOT Type II Control Monument
CP 4429	(MP 344.29, US 6)	131098.33	396098.39	4544.52	CDOT Type II Control Monument

GEODETTIC COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	GEODETTIC COORDINATES NAD-83(92) (CHARN)		ELLIP. HEIGHT	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0501	
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)
S 414	40° 17' 18.64364"	104° 09' 27.91025"	1354.390	0° 52' 02.17485"	0.999957063	411718.583	1028528.382
4379	40° 14' 02.78475"	104° 05' 37.11347"	1368.107	0° 54' 31.30037"	0.999956888	405762.945	1034074.804
4382	40° 13' 55.31671"	104° 05' 35.33574"	1372.772	0° 54' 32.44903"	0.999956899	405533.305	1034120.476
4396	40° 13' 56.65773"	104° 05' 25.42000"	1367.991	0° 54' 38.85592"	0.999956897	405578.383	1034354.187
4429	40° 13' 57.54090"	104° 05' 03.88349"	1366.003	0° 54' 52.77138"	0.999956896	405613.728	1034862.787
6418	40° 13' 45.39252"	104° 05' 15.77081"	1369.458	0° 54' 45.09058"	0.999956916	405234.605	1034587.788
6420	40° 13' 58.60198"	104° 05' 15.98958"	1369.014	0° 54' 44.94923"	0.999956894	405641.888	1034576.128
Y 414 Reset	40° 14' 45.33727"	104° 03' 10.18159"	1360.310	0° 56' 06.23797"	0.999956850	407131.095	1037526.155
6493	40° 14' 08.16875"	104° 04' 29.58822"	1362.448	0° 55' 14.93070"	0.999956881	405954.465	1035668.114
Press	40° 13' 57.55010"	104° 07' 10.74684"	1366.010	0° 53' 30.80073"	0.999956896	405566.736	1031864.258

BASIS OF BEARINGS: Bearings used in the calculations of coordinates are based on a grid bearing of N.74°33'17"E. from Densification Point "Press 1997" (flange encased stainless steel deep rod), Section 8, Township 3 North, Range 60 West, Sixth P.M. and Densification Point "Y 414 Reset 1993" (flange encased stainless steel deep rod), Section 12, Township 3 North, Range 60 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 1373.532m on NGS Densification Point "S 414" (flange encased stainless steel deep rod stamped "S 414 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 a mean project elevation of 1388.181m. The combined elevation/scale factor used to modify the coordinates was 0.9992426847. Project Coordinates are truncated by 1,200,000 in the Northing and 3,000,000 in the Easting. The CHARN is based on NAD 83(92) datum.



Typical Control
Mounment 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 and a 3' X 3/4" dia. smooth aluminum rod.

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 that 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 an original signature of the professional land surveyor named hereon.

SURVEYORS STATEMENT: I, Edward C. Warwick, a Professional Land Surveyor in the State of Colorado, hereby state that this Project Control Diagram was prepared under my direct supervision this _____ day of _____, from a field survey performed under my supervision and checking on behalf of the Department of Transportation, State of Colorado, and is not a Land Survey Plat or Right-of-Way Survey Plat and to the best of my knowledge and belief this control survey, as shown, meets the minimum horizontal control tolerances of a CDOT Type B Survey and this topographic survey, as shown, meets the minimum horizontal control tolerances of a CDOT Type D Survey as listed in the Colorado Department of Transportation Survey Manual Chapter Three (Revised 4/29/92).

Edward C. Warwick L.S. 29056

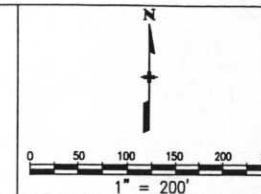


Region 4
1420 2nd Street
Greeley, CO 80631
Phone: (970) 350-2173 Fax: (970) 350-2223

Survey Unit: Mark Guerrero

Sheet Revisions

US 6 344.01 RP to 344.02 RP
Morgan County, Colorado
Section 15, T3N, R60W



Project Control Diagram

Plan Sheet

Project Number: BR 0062-013

Project Location: Kiowa Creek (W/O Wiggins)

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12810	09/10/2003	2 of 2	3A	

