



Region 1
18500 East Colfax Avenue
Aurora, CO 80011
Phone: (303) 757-9117 FAX: (303) 757-9746

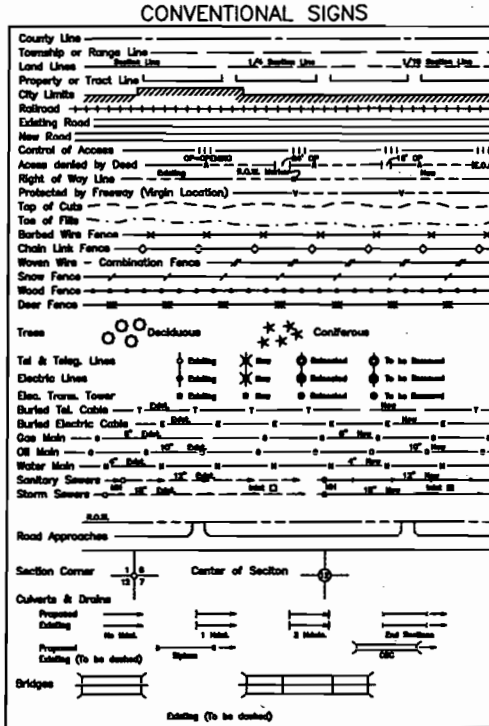
Right of Way Plans Unit: Kevin Williams

Sheet Revisions	
08/05	Add Ownership Information JFC

Sheet Revisions	
mm/yy	XXXXX

Sheet Revisions	
mm/yy	XXXXX

Right of Way Plans				
Title Sheet				
Project Number: ER 006-1-077				
Project Location: US 6 Rock Slide				
Project Location:				
Project Code	Last Mod. Date	Submittal Sheets	Sheet No.	Total No. of Sheets
15404	08-04-05	1 of 2	1	2

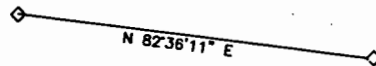


BASIS OF BEARINGS

All bearings are based on the Colorado State Plane Coordinate system, Central zone, NAD 1983(1992). The basis of the grid bearing is the line between NSRS horizontal stations "FOUR" and "THREE", both horizontal control disks, is S.82°36'11"E.

NSRS Station "FOUR"
(See NGS data sheet PID AA5197)

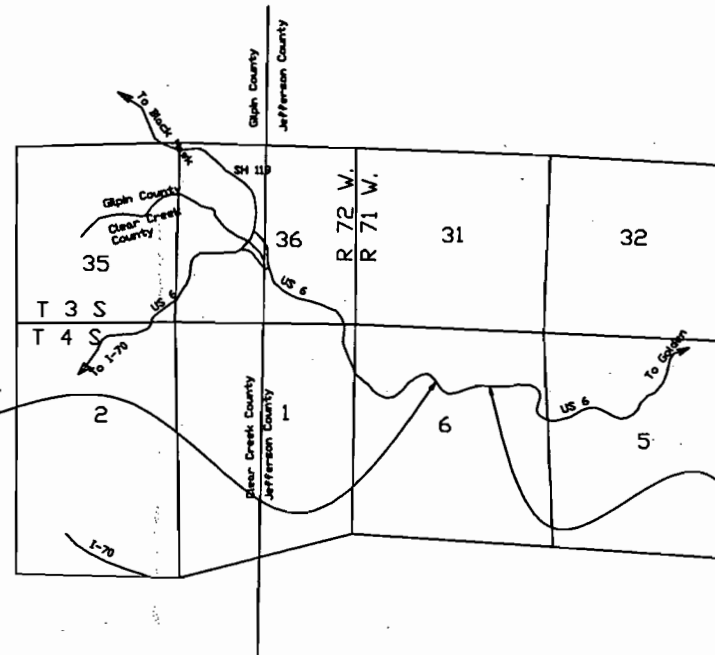
NSRS station "THREE"
(See NGS data sheet AA5196)



DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. ER 0061-077 STATE HIGHWAY NO. US 6 JEFFERSON COUNTY RIGHT OF WAY

SCALES OF ORIGINAL DRAWINGS
PLAN SHEETS 1"=100'
R.O.W. LENGTH OF PROJECT - 0.3 Miles



R.D.W. TABULATION OF PROPERTIES IN JEFFERSON COUNTY U.S. 6				AREA IN ACRES (SQUARE FEET)				Book Page	Remarks
Parcel Number	Owner	Address	Location	Area of Parcel	Existing RDW	Net Area	Remainder		
PE -12	County of Jefferson, State of Colorado	100 Jefferson County Parkway Golden, Colorado 80419	North 1/2 Section 6 T. 4 S., R. 71 W. of the 6th PM.	1.504 (65529)	0 (0)	1.504 (65529)	413.577 (18,015,432)		

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED: _____ DATE: _____

DIVISION ADMINISTRATOR



PLANS CERTIFICATION:
I HEREBY CERTIFY THAT THE INFORMATION
CONTAINED HEREIN IS TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF
AND THAT I AM A duly Licensed Professional Engineer
in the State of Colorado.

COLORADO DEPARTMENT OF TRANSPORTATION



Region 1
18500 E. Colfax Avenue
Aurora, CO 80015
Phone: (303) 757-9117 FAX: (303) 757-9748

RIGHT OF WAY PLANS UNIT: KEVIN WILLIAMS

Sheet Revisions

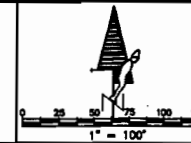
1-1-05	Added coordinate correction note A note 12
2-1-05	Added bench, and and ROW note, per measurement taken
3-1-05	Changed symbols for sta 105, 106, 107, 108
4-1-05	Del bench of bench, added bench of station
5-1-05	Rev description per KAM for Survey
6-1-05	Clarified differences between Jeffco and CDOT alignments
JPC	
JPC	

ER 0061-077

US 6 Rock Slide Repair

US 6 Milepost 261.5 to 261.8

North 1/2 of Section 6, T. 4 S., R. 71 W., 6th P.M.
Jefferson County, Colorado



RIGHT OF WAY

PLAN SHEET

ER 0061-077

US 6 Rock Slide Repair

PROJECT CODE: 15404 SHEET NUMBER: 1

Note: Centerline alignment derived from Jefferson County description of parcel 12 shown as an exception to parcel 6 on a Land Survey Plat by R&R Engineers falls south of the "as constructed" centerline of US 6 and the centerline alignment derived from the description in Rule and Order decreed August 29th, 1950, recorded in BK 698 Pages 15-17 for Parcel 12.

Property Description Permanent Easement PE-12:

A Permanent Easement (PE 12) on Department of Transportation, State of Colorado project ER 0061-077 containing 1.504 acres (65529 square feet), more or less. The parcel is situated in the N 1/2 of Section 6, Township 4 South, Range 71 West, of the 6th Principal Meridian in Jefferson County, State of Colorado, said permanent easement being more particularly described as follows.

Beginning at the North Quarter Corner of Section 6, Township 4 South, Range 71 West of the 6th Principal Meridian, a 2.5" diameter GLO brass cap set in a mound of stones; Thence S. 22°29'21" E., a distance of 1612.98 feet to the northerly right of way line of US 6 (July 2005) and a point 100 feet left of PT station 572+40.2 on Colorado State Highway Department Federal Aid Project No F 005-3(6), and the TRUE POINT OF BEGINNING;

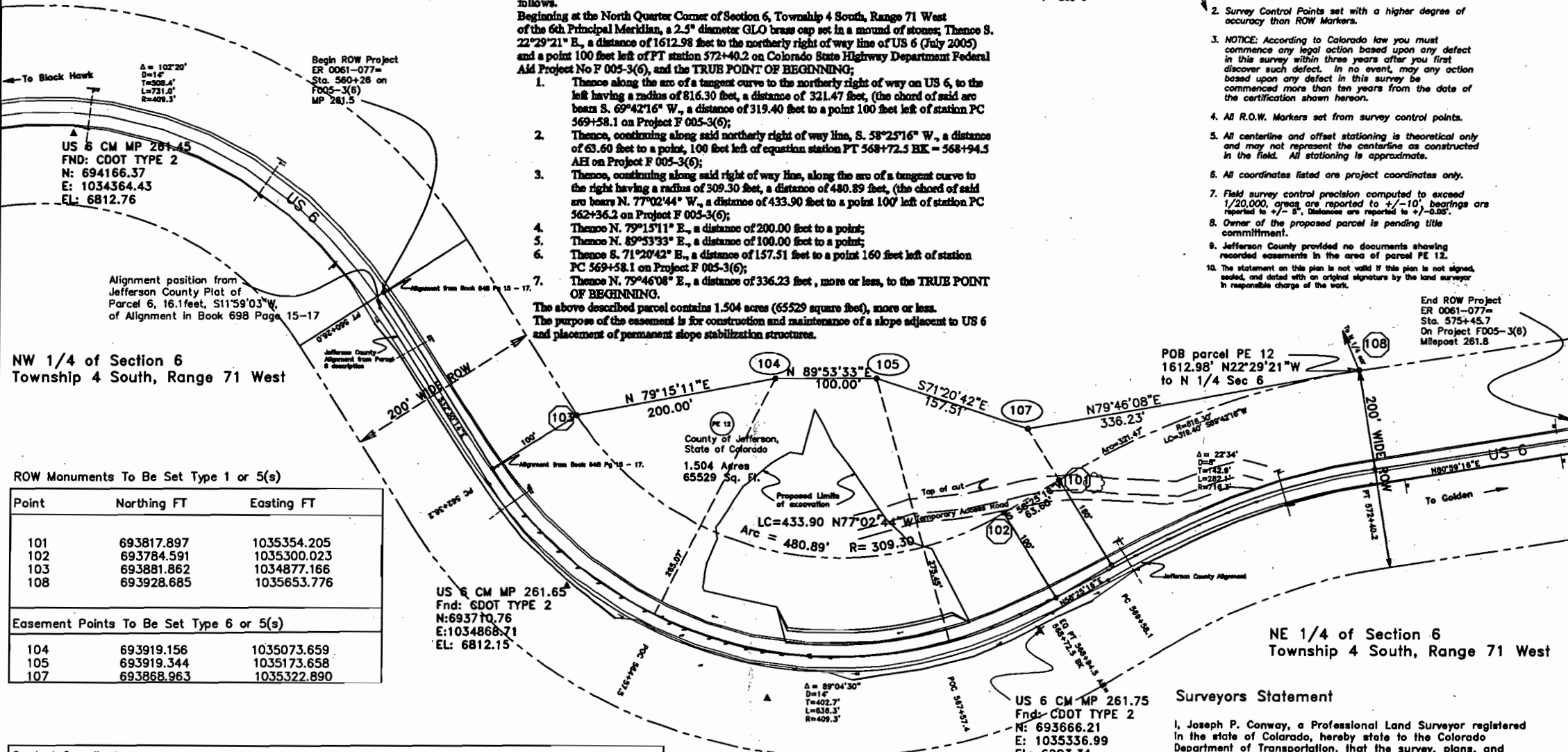
1. Thence along the arc of a tangent curve to the northerly right of way on US 6, to the left having a radius of 816.30 feet, a distance of 321.47 feet, (the chord of said arc bears S. 69°42'16" W., a distance of 319.40 feet to a point 100 feet left of station PC 569+58.1 on Project F 005-3(6);
2. Thence, continuing along said northerly right of way line, S. 58°25'16" W., a distance of 63.60 feet to a point, 100 feet left of station station PT 568+72.5 BK - 568+94.5 AEI on Project F 005-3(6);
3. Thence, continuing along said right of way line, along the arc of a tangent curve to the right having a radius of 309.30 feet, a distance of 480.89 feet, (the chord of said arc bears N. 77°02'44" W., a distance of 433.90 feet to a point 100' left of station PC 562+36.2 on Project F 005-3(6);
4. Thence N. 79°15'11" E., a distance of 200.00 feet to a point;
5. Thence N. 89°53'33" E., a distance of 100.00 feet to a point;
6. Thence S. 71°20'42" E., a distance of 157.51 feet to a point 160 feet left of station PC 569+58.1 on Project F 005-3(6);
7. Thence N. 79°46'08" E., a distance of 336.23 feet, more or less, to the TRUE POINT OF BEGINNING.

The above described parcel contains 1.504 acres (65529 square feet), more or less. The purpose of the easement is for construction and maintenance of a slope adjacent to US 6 and placement of permanent slope stabilization structures.

N: 695419.00
E: 1035038.80
Found a US General Land Office
2.5" Diameter Brass
Cap Stamped:
1/4 Sec 31
Sec 8

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, areas are reported to +/-10', bearings are reported to +/- 5", Distances are reported to +/-0.05'.
8. Owner of the proposed parcel is pending title commitment.
9. Jefferson County provided no documents showing recorded easements in the area of parcel PE 12.
10. The statement on this plan is not valid if this plan is not signed, sealed, and dated with an original signature by the land surveyor in responsible charge of the work.



ROW Monuments To Be Set Type 1 or 5(s)

Point	Northing FT	Easting FT
101	693817.897	1035354.205
102	693784.591	1035300.023
103	693881.862	1034877.166
108	693928.685	1035653.776

Easement Points To Be Set Type 6 or 5(s)

104	693919.156	1035073.659
105	693919.344	1035173.658
107	693868.963	1035322.890

Control Point	Coordinates	Northing	Easting	Elevation	Latitude	Longitude	Ellipsoid(M)
NGS "Four"	698144.76	1029389.72	6927.35	39 44'54.72143"	105 23'57.33419"	2097.6	
NGS "Three"	695588.99	1049076.09	6530.56	39 44'29.18166"	105 19'45.44337"	1976.1	
US 6 CM MP 261.45 (See Drawing)				39 44'15.35835"	105 22'53.73258"	2065.06	
US 6 CM MP 251.65 (See Drawing)				39 44'10.85066"	105 22'47.28742"	2062.37	
US 6 CM MP 261.75 (See Drawing)				39 44'10.40438"	105 22'41.29602"	2059.66	

Coordinate conversion is as follows:
Scaled from State Plane (M) to project level by: $SPC(M) \times 1.000350925 \times 39.37 / 1200 = \text{Project level}$
The northing coordinates were further modified by subtracting 1,000,000 feet from project level, and the easting coordinates were further modified by subtracting 2,000,000 feet from project level, to produce project coordinates.
Basis of elevations is from a control survey by MSM, Inc. for CDOT on Project STA 119A-048 where the control monuments were tied to NSRS benchmark L 407 by a closed bench loop.

Surveyors Statement

I, Joseph P. Conway, a Professional Land Surveyor registered in the state of Colorado, hereby state to the Colorado Department of Transportation, that the survey, plans, and descriptions shown hereon for parcel PE 12 was performed under my supervision and checking during July and August 2005, for and on behalf of the Colorado Department of Transportation, for the sole use of the Department and its employees. I further state that to the best of my knowledge, information, and belief that this survey meets the tolerances of a CDOT Class B survey. This statement is not a warranty or guaranty, either expressed or implied.

Joseph P. Conway

PLS 25618