

COLORADO DEPARTMENT OF TRANSPORTATION



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

RIGHT OF WAY PLANS UNIT: KEVIN WILLIAMS

Sheet Revisions

Rev/yr	Description	Rev
0000		000

RIGHT OF WAY

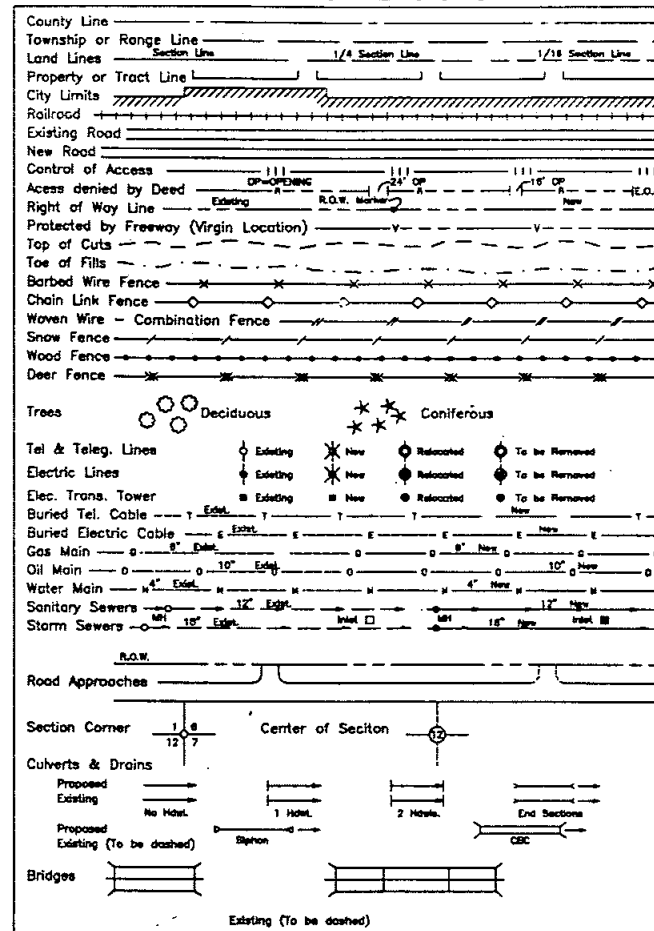
TITLE SHEET

BR 0362-018

S.H. 36 AT KIOWA CREEK

PROJECT CODE: 92312 SHEET NUMBER: 1

CONVENTIONAL SIGNS



DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. BR 0362-018 STATE HIGHWAY NO. 36 ADAMS COUNTY RIGHT OF WAY

INDEX OF SHEETS

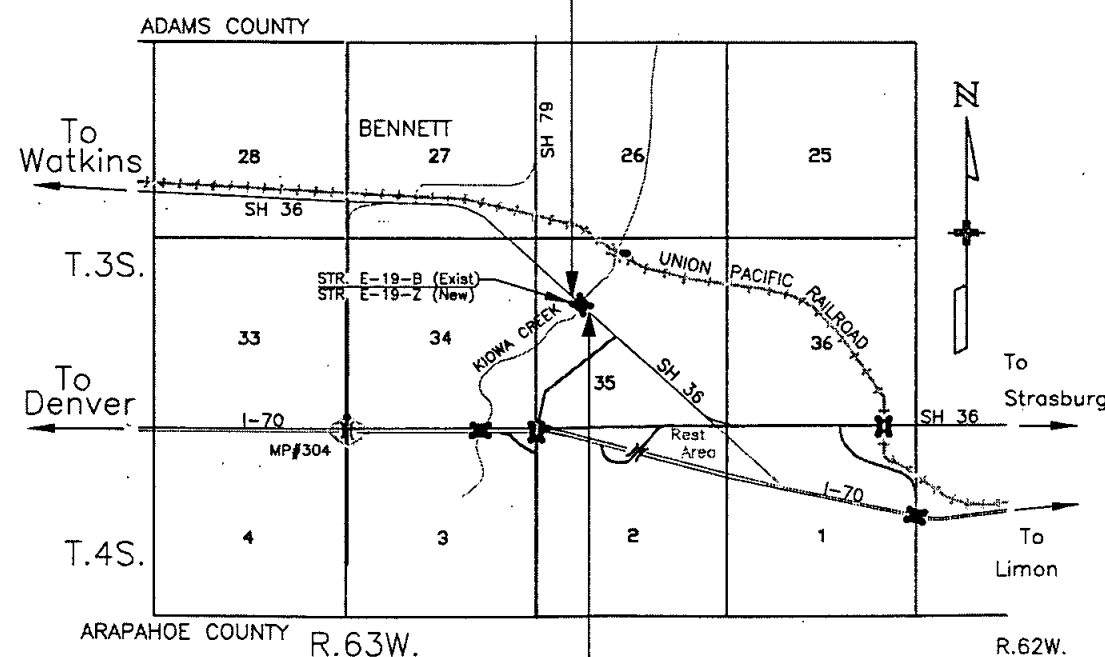
- 1 Title Sheet
- 2 Tabulation of Properties
- 3 Control Diagram
- 4 Monumentation Sheets
- 5 Plan Sheets
- 6 Ownership Map

SCALES OF ORIGINAL DRAWINGS

PLAN SHEETS 1:100
OWNERSHIP MAP 1:200
R.O.W. LENGTH OF PROJECT: 1371 FT. - 417M

STA. 35+892.48 BEGIN BR 0362-018 =

STA. 1177+57.16 ON 149-D =
APPROX. M.P. 89.89



BASIS OF BEARINGS

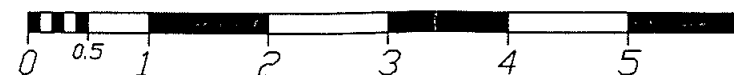
Bearings used in the calculation of coordinates are based on an assumed bearing of N 81°59'53" E from CM-MP I-70 304.85 to CM-MP I-70 305.12 as used in the Interstate 70 construction project IR 70-4(134). CM-MP I-70 304.85 and CM-MP I-70 305.12 are set CDOT type 2 monuments with 3 1/4" Alum. Caps.

STA. 36+440 END BR 0362-018 =

STA. 1194+44.1 ON 149-D =
APPROX. M.P. 90.23

CM-MP I-70 304.85 CM-MP I-70 305.12

N 81°59'53" E



SCALE IN KILOMETERS

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED: _____ DATE _____



DIVISION ADMINISTRATOR

FILED CERTIFICATION: DEPOSITED THIS DAY OF AT FOR INFORMATION ONLY IN BOOK OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE RECEPTION NUMBER

SHEET DEPT.

PLOT/EDIT by A. Clay

C:\projects\FINALS\SH36\ADAMS\ROW1 10 APR 2001

COLORADO DEPARTMENT OF TRANSPORTATION  Region 1 18500 E. Colfax Avenue Aurora, CO 80011 Phone: (303) 757-9117 FAX: (303) 757-9746 RIGHT OF WAY PLANS UNIT: KEVIN WILLIAMS		Computer File Information Creation Date: May 14, 1999 Initials: ec Last Modification Date: MARCH 14, 2000 Initials: ec File Path: C:\PROJECTS\SH36\92312 Drawing File Name: TAB Acad Version: 14 Scale: NA Units: NA		Sheet Revisions <table border="1"> <tr><td>mm/yy</td><td>XXXX</td><td>XXX</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>		mm/yy	XXXX	XXX													Sheet Revisions <table border="1"> <tr><td>mm/yy</td><td>XXXX</td><td>XXX</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>		mm/yy	XXXX	XXX														RIGHT OF WAY TABULATION OF PROPERTIES PLAN SHEET BR 0362-018 S.H. 36 AT KIOWA CREEK PROJECT CODE: 92312 SHEET NUMBER: 2	
mm/yy	XXXX	XXX																																						
mm/yy	XXXX	XXX																																						

R.O.W. TABULATION OF PROPERTIES IN ADAMS COUNTY — S.H. 36

PARCEL NO.	OWNER	ADDRESS	LOCATION SECTION 35, T.3 S., R.63 W.	AREA IN ACRES				PARCEL NO.	REMARKS
				PARCEL	NET AREA	REMAINDER			
						LEFT	RIGHT		
1	MARK R. & TRACY K. ZUBER	1995 KIOWA ROAD BENNETT, CO. 80102	LOT 1, BLOCK 1, ZUBER SUBDIVISION AMENDED	5.259 AC 229,087SF			~20 ACRES	1	
2 TE2	WAYNE A. MITCHELL	P.O. BOX 267 BENNETT, CO. 80102	N.W. 1/4, SECTION 35	1.267 AC 55182SF 0.375AC 16,334SF		~31 AC		2 TE2	FOR EMERGENCY VEHICLE DETOUR
3	JOSEPH R. & JACQUILINE D. LANTZ	P.O. BOX 206 BENNETT, CO. 80102	N 1/2 SECTION 35	1.482 AC 64,561 SF		~191 AC		3	
4	MATTHEW T.& MICHELLE ANN ZUBER	1997 KIOWA ROAD BENNETT, CO. 80102	LOT 2, BLOCK 1, ZUBER SUBDIVISION AMENDED	0.094 AC 4102 SF			~10.16 ACRES	4	

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

SIGNED _____
DOT.

C:\proj\sh36\92312\DOT1 13 MAY 1999 2:10P PLOT/TEXT by A. Day



DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO

CONTROL SURVEY DIAGRAM

COORDINATE SUMMARY TABLE
(MODIFIED NAD '27 STATE PLANE)
(UNADJUSTED FIELD DATA)

STATION	NORTHING (ft.)	EASTING (ft.)	ELEV. (ft.)
CM-MP 1-70 304.85	695555.39	2302797.35	5472.80
CM-MP 1-70 304.94	695742.19	2303245.53	5457.84
CM-MP 1-70 305.12	695747.62	2304164.79	5457.25
CM-MP 89.7	700917.31	2304492.32	5480.60
CM-MP 90.0	699898.37	2305428.40	5442.59
CM-MP 90.1	699383.11	2305893.17	5428.1
CM-MP 90.2	699016.64	2306315.55	5444.09
CM-MP 90.4	698596.23	2306776.78	5447.35
WP 101	695814.41	2305423.05	5495.1
WP 102	696349.74	2305423.73	5479.10
WP 103	696886.21	2305603.19	5472.03
WP 104	697852.39	2306201.44	5460.81
WP 105	699292.44	2305501.41	5436.68
WP 106	698814.22	2305407.91	5438.46
WP 107	698479.50	2305199.12	5442.56
WP 108	698177.94	2305105.92	5442.64
WP 109	697816.15	2304982.76	5445.32
WP 110	697400.81	2304729.70	5454.92
WP 111	697488.27	2304628.73	5444.85
WP 112	696668.15	2304274.01	5451.61
WP 113	696450.47	2303823.15	5451.6
WP 201	701118.69	2305974.52	5428.7
WP 202	700823.48	2306553.00	5425.1
WP 203	700733.29	2306958.92	5422.5
WP 204	700492.79	2307492.18	5431.8
WP 205	699833.36	2306679.55	5431.9
WP 301	699081.45	2306225.00	5431.4
WP 302	699218.94	2306200.39	5431.0
WP 303	699384.05	2306016.15	5433.1
WP 304	699530.14	2305743.43	5430.6
WP 305	699763.24	2305679.48	5435.7
N.W. COR. SEC. 35	700853.89	2305359.88	---

COORDINATE SUMMARY TABLE
(MODIFIED NAD '27 STATE PLANE)
(UNADJUSTED FIELD DATA)

STATION	NORTHING (m.)	EASTING (m.)	ELEV. (m.)
CM-MP 1-70 304.85	212005.707	701894.036	1668.113
CM-MP 1-70 304.94	212062.644	702030.842	1663.553
CM-MP 1-70 305.12	212064.299	702310.833	1663.373
CM-MP 89.7	213640.023	702410.664	1670.490
CM-MP 90.0	213329.450	702695.982	1658.905
CM-MP 90.1	213172.398	702837.644	1654.49
CM-MP 90.2	213060.698	702966.386	1659.362
CM-MP 90.4	212932.557	703106.969	1660.356
WP 101	212084.656	702694.351	1674.90
WP 102	212247.825	702694.558	1670.033
WP 103	212411.342	702749.258	1667.878
WP 104	212705.834	702931.605	1664.458
WP 105	213144.762	702718.235	1657.103
WP 106	212999.000	702689.736	1657.646
WP 107	212896.977	702626.097	1658.896
WP 108	212805.062	702597.690	1658.920
WP 109	212694.788	702560.150	1659.737
WP 110	212704.578	702483.018	1662.663
WP 111	212568.192	702452.242	1659.594
WP 112	212344.877	702344.123	1661.654
WP 113	212278.528	702206.700	1661.66
WP 201	213701.404	702862.439	1654.67
WP 202	213611.424	703038.760	1653.57
WP 203	213583.934	703162.485	1652.78
WP 204	213510.629	703325.023	1655.62
WP 205	213309.635	703077.333	1655.64
WP 301	213080.452	702938.786	1655.50
WP 302	213122.359	702931.285	1655.36
WP 303	213172.685	702875.128	1656.01
WP 304	213217.213	702792.003	1655.24
WP 305	213288.262	702772.511	1656.81
N.W. COR. SEC. 35	213620.693	702675.097	---

Project BR 0362-018
U.S. 36 M.P. 89.5 to 90.5

East of Bennett at Kiowa Creek Structure E-19-B
Sec. 26, 27, 34, and 35, T. 3 S., R. 63 W., 6th P.M.
Adams County, Colorado



TYPICAL CONTROL
MONUMENT CAP



TYPICAL R-O-W
MARKER CAP

GEODETIC COORDINATES
(CLARKE 1866 SPHEROID)
(UNADJUSTED FIELD DATA)

POINT	LATITUDE	LONGITUDE
CM-MP 1-70 304.85	39°44'17.57530"N	104°25'23.91994"W
CM-MP 1-70 305.12	39°44'19.31394"N	104°25'06.39259"W

CONSTRUCTION SURVEYING AND MONUMENTATION REQUIREMENTS:

1). This Survey Control Diagram represents the Division established horizontal and vertical control for the project. It is possible that some of the survey control monuments listed have been disturbed or obliterated. It is the contractor's responsibility to verify the existence and stability of the control monuments before submitting a bid price.

2). If construction activity disturbs any R-O-W marker, property pin, or other survey monument, it is the contractor's responsibility to replace, restore, or rehabilitate the monument according to State Statutes and the rules and regulations set forth by the State Board of Registration for Professional Engineers and Professional Land Surveyors.

3). A presurvey conference is required before all construction projects begin.

4). All Type 1 and Type 2 monuments shall be set flush with the ground. Witness posts shall be installed 1 foot from and facing all Type 1 and Type 2 monuments, or as directed by the Project Engineer.

5). Installation of Type 3 and Type 3-A monuments shall be completed in the same day that installation is commenced. Under no circumstances shall holes, in the roadway, be left open overnight.

6). When installing Type 3-A monuments, the aluminum access cover shall be positively secured to the PVC pipe with screws. The access cover shall be caulked with asphalt caulking between the cover and the edges of the roadway surface to provide a positive moisture barrier around the access cover.

7). Control survey procedures, statistical analysis, and accuracy obtained for horizontal and vertical control shall be documented in the field book.

8). Field notes shall be kept in a control survey book, alignment book, bench book, cross-section book, major or minor structure book, as needed for the project.

9). Legible copies of the field books shall be submitted to the project engineer for review on a monthly basis.

10). All changes made to plan design elements shall be brought to the attention of the project engineer in writing.

11). It is ultimately the prime contractor's 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.

AS CONSTRUCTED

NO REVISIONS ☐ REVISED ☐ VOID ☐

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	SHEET TOTALS
VIII	COLO.	BR 0362-018	3	

BASIS OF BEARINGS: Bearings used in the calculation of coordinates are based on an assumed bearing of N 81°59'53" E from CM-MP 1-70 304.85 to CM-MP 1-70 305.12 as used in the Interstate 70 construction project IR 70-4(134). CM-MP 1-70 304.85 and CM-MP 1-70 305.12 are described in detail below.

BASIS OF ELEVATIONS: Project is based on a brass cap set in structure F-20-AS with an elevation of 5194.07'. A bench line was later run from the brass cap to the U.S.C. & G.S. benchmark Y258 on Colorado line 49. This bench line showed the brass cap datum to be 0.77' higher than the datum used for the benchmark Y258. The published NAVD 1929 elevation of Y258 is 5228.034'.

CM-MP - Control Monuments are set 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.

WORK PT. - Work point 101 is a set PK in asphalt; work points 102 to 205 are set #4 rebars except work point 103 which is a found 1-1/4" plastic cap on a #5 rebar L.S. 14815; work point 301 is a found 1-1/4" plastic cap on a #5 rebar L.S. 6973; work points 302 to 305 are set oak hubs with a tack and guard stake.

RIGHT-OF-WAY Markers found on SH 36 are 4"x4" square tapered concrete posts with "STATE HWY ROW" stamped in the side. The R-O-W marker found along the Interstate 70 frontage road is a 3" brass cap (as shown) set in concrete.

MISCELLANEOUS SURVEY MONUMENTS (see diagram for specific descriptions).

N.W. CORNER OF SECTION 35, T. 3 S., R. 63 W., 6th P.M. is a found 3.25" aluminum cap (as shown on the drawing) on a 2.25" diameter pipe.

NOTE: This control survey is for the use of Colorado Department of Transportation personnel. The survey is not a complete Boundary Survey. Title Policy, Title Commitment, and Title Research were not requested on this project, therefore, easements, rights, and restrictions of record are not shown. The rectification of the physical evidence, located by the survey and shown on these sheets, with the recorded documents was not requested on this project.

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 an original signature of the professional land surveyor hereon named.

SURVEYORS STATEMENT: I, Joseph P. Conway, a Professional Land Surveyor in the State of Colorado, hereby state that this Control Survey Diagram was prepared under my supervision this _____ day of _____, from a field survey performed under my supervision from December 17, 1991 to April 15, 1992, and checking for and 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 Type B Survey listed in the Colorado Department of Highways Survey Manual Chapter Three (Revised 7/1/89).

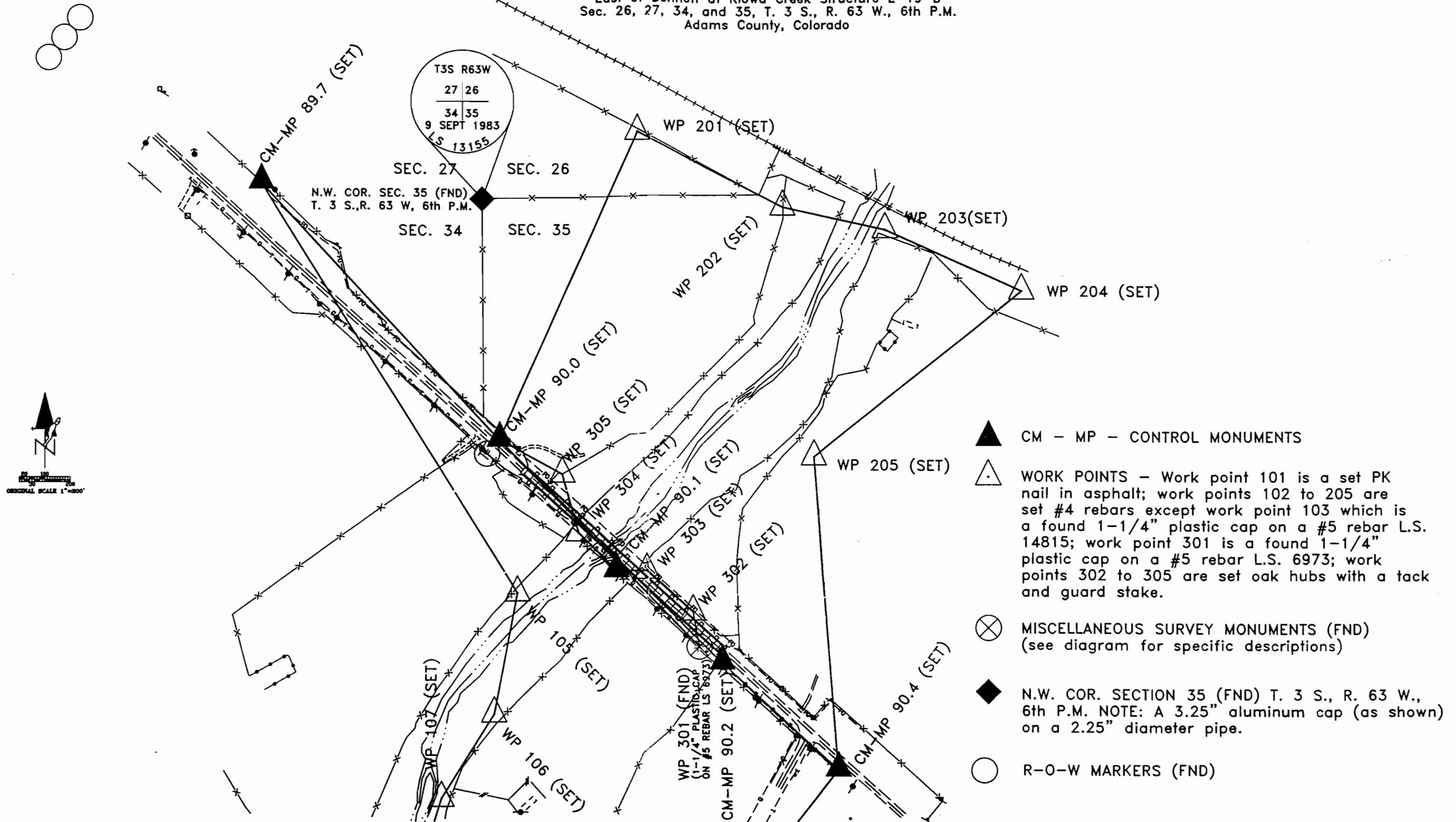
Joseph P. Conway L.S. 25618

AS CONSTRUCTED		
NO REVISIONS	REVISED	VOID

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	SHEET TOTALS
VIII	COLO.	BR 0362-018	3A	

DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

Project BR 0362-018
U.S. 36 M.P. 89.5 to 90.5
East of Bennett at Kiowa Creek Structure E-19-B
Sec. 26, 27, 34, and 35, T. 3 S., R. 63 W., 6th P.M.
Adams County, Colorado

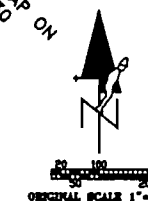
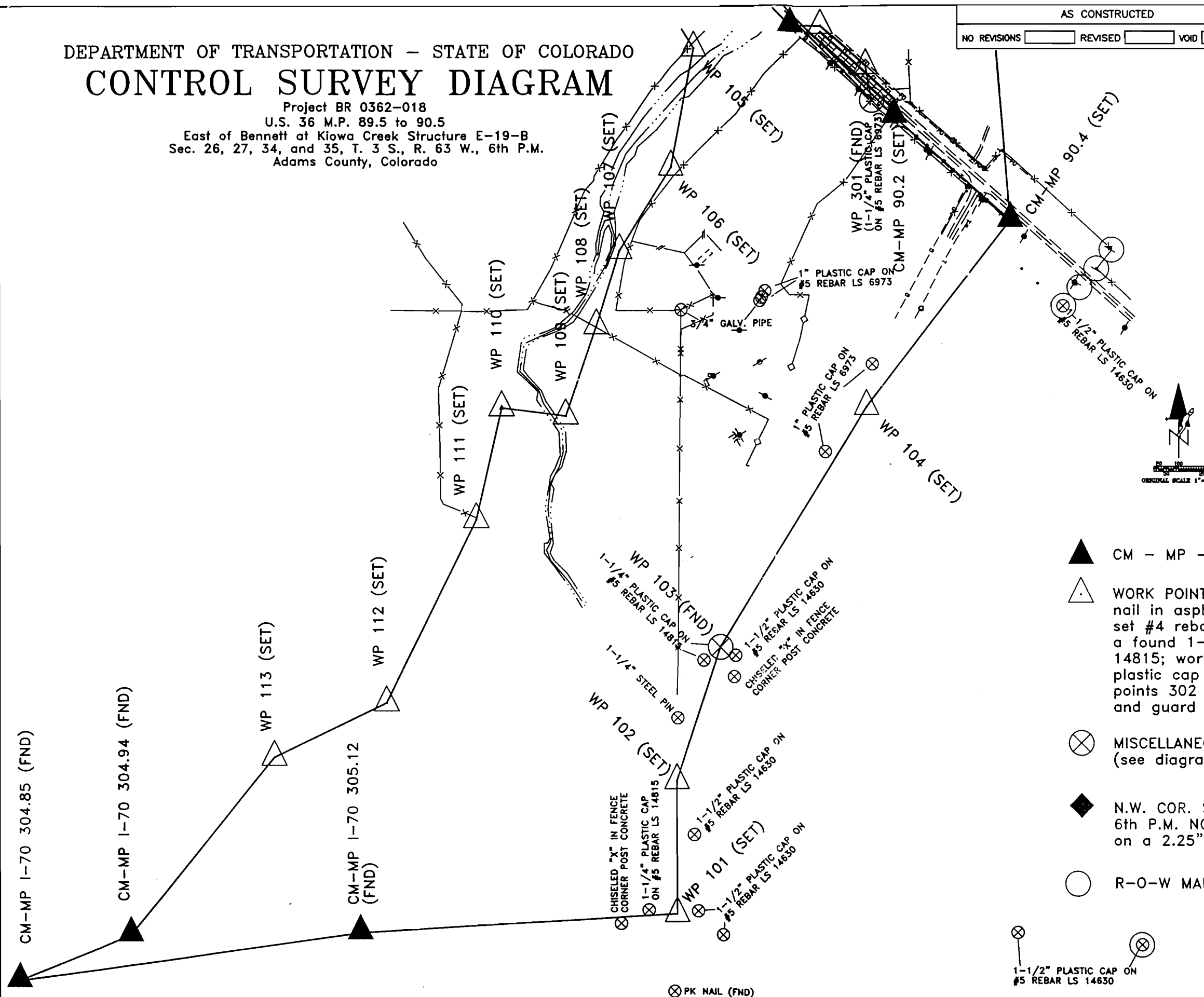


DEPARTMENT OF TRANSPORTATION - STATE OF COLORADO CONTROL SURVEY DIAGRAM

Project BR 0362-018
U.S. 36 M.P. 89.5 to 90.5
East of Bennett at Kiowa Creek Structure E-19-B
Sec. 26, 27, 34, and 35, T. 3 S., R. 63 W., 6th P.M.
Adams County, Colorado

AS CONSTRUCTED
NO REVISIONS ☐ REVISED ☐ VOID ☐

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	SHEET TOTALS
VIII	COLO.	BR 0362-018	3 B	



- ▲ CM - MP - CONTROL MONUMENTS
- △ WORK POINTS - Work point 101 is a set PK nail in asphalt; work points 102 to 205 are set #4 rebars except work point 103 which is a found 1-1/4" plastic cap on a #5 rebar L.S. 14815; work point 301 is a found 1-1/4" plastic cap on a #5 rebar L.S. 6973; work points 302 to 305 are set oak hubs with a tack and guard stake.
- ⊗ MISCELLANEOUS SURVEY MONUMENTS (FND) (see diagram for specific descriptions)
- ◆ N.W. COR. SECTION 35 (FND) T. 3 S., R. 63 W., 6th P.M. NOTE: A 3.25" aluminum cap (as shown) on a 2.25" diameter pipe.
- R-O-W MARKERS (FND)

⊗ 1-1/2" PLASTIC CAP ON #5 REBAR LS 14630

⊗ 1-1/2" PLASTIC CAP ON #5 REBAR LS 14630

⊗ PK NAIL (FND)

COLORADO DEPARTMENT OF TRANSPORTATION



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

RIGHT OF WAY PLANS UNIT: KEVIN WILLIAMS

Sheet Revisions

Rev/By	Description	Date

RIGHT OF WAY

MONUMENTATION SHEET

BR 0362-018

EAST OF BENNETT AT KIOWA CREEK

PROJECT CODE: 92312

SHEET NUMBER:

4

COORDINATES IN METERS

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

POINT NO.	NORTHING	EASTING
150	213056.1143	702964.9117
152	213074.1595	702838.3136
153	213080.4521	702938.7859
154	213218.5648	702678.9279
156	213318.0600	702677.9997
160	213308.0239	702732.2656
162	213306.7384	702794.9692
168	213094.7401	702985.9849
169	213077.1277	702987.1146
170	213191.0024	702922.7116

TABULATION OF SURVEY CONTROL POINTS
TO BE SET OR RESET

POINT NO.	NORTHING	EASTING
-----------	----------	---------

AS DIRECTED BY PROJECT ENGINEER

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. Memorandum of Ownerships supplied by Colorado Department of Transportation.

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	5	6
REFERENCE								
RIGHT OF WAY	10							
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 _____



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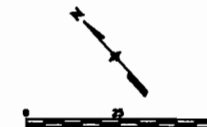
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Last Modification Date: 27 Mar 00	Initials: ec
Full Path : C:\PROJECTS\SH36\02312	Drawing File Name: ROW1
Acad Version: 14	Scale: See Box
	Units: meters

Sheet Revisions

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Sheet Revisions

[illegible]

RIGHT OF WAY

PLAN SHEET	
BR 0362-018	
S.H. 36 AT KIOWA CREEK	
PROJECT CODE: 92312	SHEET NUMBER:

N.W. 1/4, SEC. 35
T. 3. S., R. 63 W.

③ JOSEPH R. & JACQUELINE D.
LANTZ. BK.4034@892

② WAYNE A. MITCHELL
BK. 1573@206

N.E. 1/4, SEC. 34
T. 3. S., R. 63 W.

LOT 1
MARK R. &
TRACY K. ZUBER
BK. 4518, PG. 451

BLOCK 1
ZUBER AMENDED SUBD V

(4) LOT 2
MATTHEW & MICHELLE
B. 3406, P 478

LOT LINE
PROP. LINE

OUT OF THE GROUND

PLUING CERTIFICATIONS
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 _____

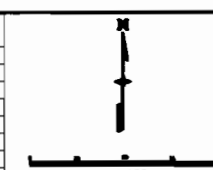
2:\reports\8150\82312\DOWN 13 MAY 1988 2:10P PLOT/EDIT by A. Clay

VER-LS 6973
6973
10 INCHES OUT OF THE GROUND



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

RIGHT OF WAY PLANS UNIT: KEVIN WILLIAMS

[illegible]

RIGHT OF WAY
OWNERSHIP MAP PLAN SHEET
BR 0362-018
S.H.36 AT KIOWA CREEK

PROJECT CODE: 92312

SHEET NUMBER:

1

PLACING CERTIFICATIONS
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 _____.

1007.

c:\projects\SH38\92312\DOWN 07 MAY 1999 02:58 PLOT/EDIT by A. Clay

NE 1/4 SEC 34,
T. 3 S., R. 63 W.

EST. 1/4 SEC LINE

② WAYNE A.
MITCHELL
~32 ACRES
NW OF CREEK
BK.1573 PG.206

② WAYNE A. MITCHELL
① BK. 15730206

③ LANTZ, JOSEPH R.
& JACQUELINE D.
~192 ACRES
BK.4034, PG.892

N 1/2 SEC 35,
T. 3 S., R. 63 W.

③ JOSEPH R. & JACQUELINE
LANTZ. BK. 40340892

N 34° 12' W
57.90' - 17.649M

LOT 1
① MARK R. &
TRACY K. ZUBER
BK.4518, PG.451

④ LOT 2
 MATTHEW & MICHELLE
 ZUBER B.3406,P478
 BLOCK 1
 ZUBER SUBDV
 AMENDED