

COLORADO DEPARTMENT OF TRANSPORTATION



Region One
Address: 18500 East Colfax Avenue
Aurora, CO 80011
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Survey Unit: Joseph P. Conway

Sheet Revisions

mm/yy	XXXXX	XXX

STATE HIGHWAY NO. 9 MP 70.3 TO MP 71.4
TOWN OF ALMA
SITUATED IN SECTIONS 1 AND 12 OF
TOWNSHIP 9 SOUTH, RANGE 78 WEST
OF THE 6TH P.M., COUNTY OF PARK,
STATE OF COLORADO.
PARK COUNTY, STATE OF COLORADO.

Project Control Diagram

Title Sheet

Project Number: STA 0091-026

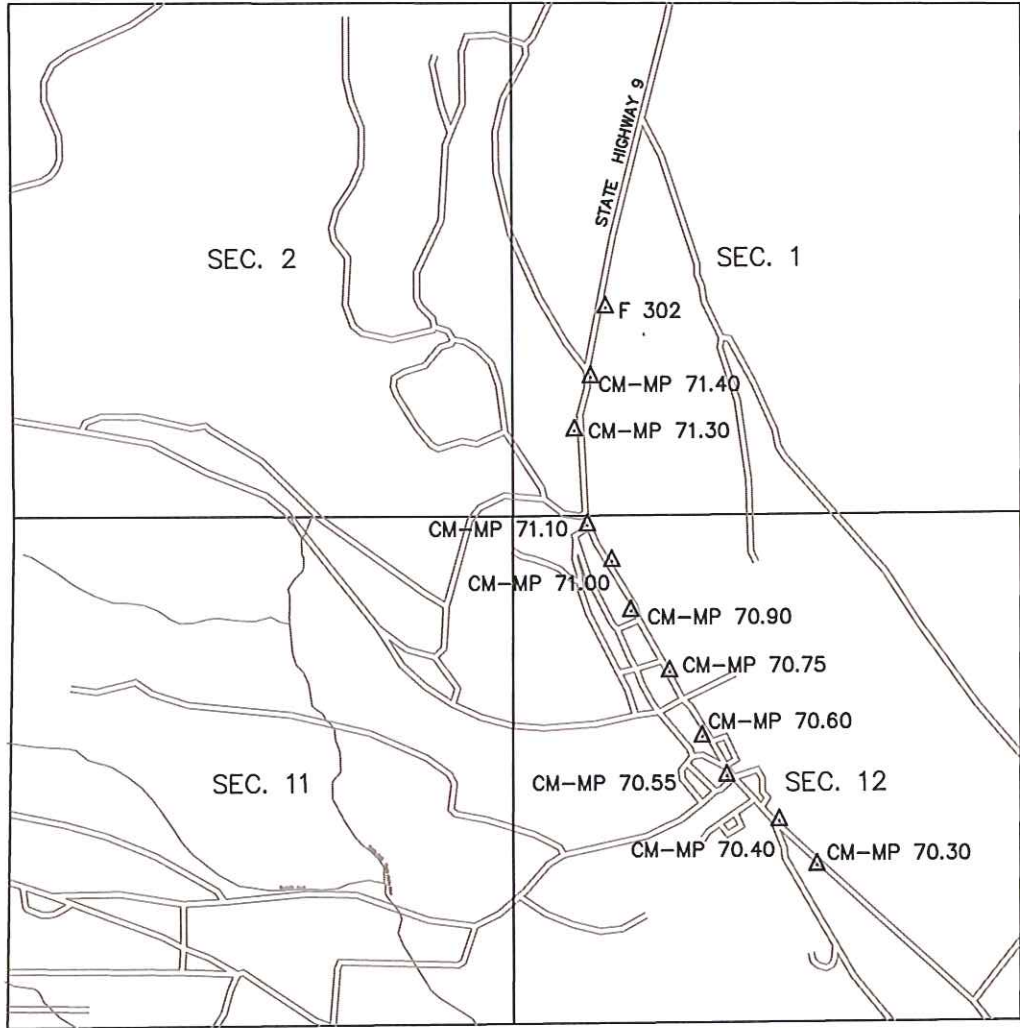
Project Location: TOWN OF ALMA

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15023	01-04-2006	1 of 12	3	52

Prepared By: **WOOLPERT, INC.**
formerly MOUNTAIN SURVEYING & MAPPING, INC.
116 INVERNESS DRIVE EAST #105
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VICINITY MAP

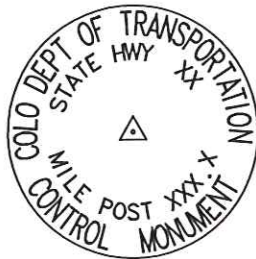


T. 8 S.

T. 9 S.



N.T.S.



Typical Control
Monument Cap
Not to Scale

BASIS OF BEARING: All bearings are grid bearings of the Colorado State Plane Coordinate System, Central Zone, North American Datum 1983/92. The basis of grid bearing is the line between SH 9 CM-MP 70.30 and SH 9 CM-MP 70.40, CDOT control monuments (type II) on State Highway 9, that bearing being N 40°20'02" W.

BASIS OF ELEVATION: Project is based on NAVD88 vertical datum. A bench loop was run starting at NSRS benchmark F 302 (3166.006 m). All control monuments on this project were tied through a bench loop. NSRS F 302 is a first order, class two benchmark.

COORDINATE DATUM: Coordinates on this project are for the exclusive use of the CDOT for the construction of this project and are considered Project Coordinates only.



CP - Control Point Monuments set by CDOT. They were 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.

NOTE: This control survey is for the use of the Colorado Department of Transportation personnel. The survey is not a complete Boundary Survey. Title Policy, Title Commitment, and Title Research were not part of this control survey, therefore, easements, rights, and restrictions of record are not shown. The verification of the physical evidence with relation to easements, rights of way, property boundaries, and restriction, as described in the instruments of record, were not included in this control survey.

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, Kevin C. Hoffman, a Professional Land Surveyor in the State of Colorado, hereby state that this Control Survey Diagram was prepared under my direct supervision this _____ day of _____, from a field survey performed under my supervision 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 and this topographic survey, as shown, meets the minimum horizontal control tolerances of a Type D Survey as listed in the Colorado Department of Transportation Survey Manual Chapter Three (Revised 4/29/92).

CONSTRUCTION SURVEYING AND MONUMENTATION REQUIREMENTS:

- 1). This Control Survey Diagram represents the horizontal and vertical control for the project established by the Division. 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). 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.
- 3). 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.
- 4). When installing Type 3-A monuments, the aluminum access cover shall be positively secured to the PVC pipe with screws or glue. 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.
- 5). Control survey procedures, statistical analysis, and accuracy obtained for horizontal and vertical control shall be documented in the field book.
- 6). Legible copies of the field books shall be submitted to the Project Engineer for review on a monthly basis.
- 7). 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.
- 8). The minimum staking intervals for each item are described on the plans or in the CDOT Survey Manual. If the contractor wishes to reduce the minimum intervals, a Contract Modification Order must be negotiated and the cost of the item reduced accordingly.

NAME OF PLS AND PLS #

DEPOSITED DEC. 16, 2009 @ REC.#667585

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TOWN OF ALMA
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TOWNSHIP 9 SOUTH, RANGE 78 WEST
OF THE 6TH P.M., COUNTY OF PARK,
STATE OF COLORADO.
PARK COUNTY, STATE OF COLORADO.

Project Control Diagram

CONTROL COORDINATE SHEET

Project Number: STA 0091-026				
Project Location: TOWN OF ALMA				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15023	01-04-2006	2 of 12	3A	52

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GEODETIC COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELLIP. (NAVD88)m	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0502	
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)
SH 9 CM-MP 70.30	39° 16' 44.83183" N	106° 03' 27.81544" W	3131.804	-0° 21' 06.30823"	0.999940726	465441.945	866281.538
SH 9 CM-MP 70.40	39° 16' 49.34864" N	106° 03' 32.81186" W	3134.481	-0° 21' 09.45942"	0.999940794	465581.965	866162.650
SH 9 CM-MP 70.55	39° 16' 53.85919" N	106° 03' 39.75644" W	3142.552	-0° 21' 13.83929"	0.999940862	465722.081	865997.077
SH 9 CM-MP 70.60	39° 16' 57.82306" N	106° 03' 43.03965" W	3142.931	-0° 21' 15.90998"	0.999940923	465844.800	865919.150
SH 9 CM-MP 70.75	39° 17' 04.40049" N	106° 03' 47.33166" W	3144.039	-0° 21' 18.61690"	0.999941024	466048.264	865817.549
SH 9 CM-MP 70.90	39° 17' 10.54265" N	106° 03' 52.43111" W	3150.210	-0° 21' 21.83307"	0.999941120	466238.426	865696.521
SH 9 CM-MP 71.00	39° 17' 15.61908" N	106° 03' 54.95020" W	3157.091	-0° 21' 23.42183"	0.999941199	466395.342	865637.128
SH 9 CM-MP 71.10	39° 17' 19.22382" N	106° 03' 58.20182" W	3161.792	-0° 21' 25.47260"	0.999941256	466506.986	865559.902
SH 9 CM-MP 71.30	39° 17' 28.84237" N	106° 03' 59.93864" W	3159.274	-0° 21' 26.56799"	0.999941410	466803.850	865520.133
SH 9 CM-MP 71.40	39° 17' 34.27082" N	106° 03' 57.81695" W	3155.339	-0° 21' 25.22987"	0.999941497	466970.929	865572.015
NSRS P 302	39° 13' 57.62520" N	105° 59' 09.52753" W	3008.140	-0° 18' 23.40874"	0.999938541	460250.288	872444.147
NSRS F 302	39° 17' 41.34880" N	106° 03' 55.87369" W	3153.180	-0° 21' 24.00427"	0.999941612	467188.902	865619.938
NSRS H 9	39° 21' 42.02388" N	106° 03' 44.55987" W	3506.450	-0° 21' 16.86876"	0.999946229	474608.929	865936.971

PROJECT COORDINATE SUMMARY TABLE
(ADJUSTED FIELD DATA)

POINT NAME	PROJECT COORDINATES		ELEV(ft)	DESCRIPTION
	NORTH (ft)	EAST (ft)		
SH 9 CM-MP 70.30	1199801.66	2187536.14	10317.19	SET CDOT TYPE II
SH 9 CM-MP 70.40	1200261.30	2187145.87	10325.95	SET CDOT TYPE II
SH 9 CM-MP 70.55	1200721.25	2186602.35	10352.41	SET CDOT TYPE II
SH 9 CM-MP 70.60	1201124.10	2186346.54	10353.64	SET CDOT TYPE II
SH 9 CM-MP 70.75	1201792.00	2186013.02	10357.24	SET CDOT TYPE II
SH 9 CM-MP 70.90	1202416.24	2185615.73	10377.48	SET CDOT TYPE II
SH 9 CM-MP 71.00	1202931.34	2185420.76	10400.04	SET CDOT TYPE II
SH 9 CM-MP 71.10	1203297.82	2185167.25	10415.45	SET CDOT TYPE II
SH 9 CM-MP 71.30	1204272.33	2185036.71	10407.18	SET CDOT TYPE II
SH 9 CM-MP 71.40	1204820.79	2185207.02	10394.24	SET CDOT TYPE II
NSRS P 302	1182759.25	2207765.85	9912.06	FOUND NGS BENCH MARK DISK
NSRS F 302	1205536.32	2185364.33	10387.14	FOUND NGS BENCH MARK DISK
NSRS H 9	1229893.70	2186405.04	11546.04	FOUND NGS BENCH MARK DISK

PROJECT COORDINATE CONVERSION PARAMETERS

Project Latitude: 39°17'10.91916"
Project Longitude: 106°03'48.17886"
Project Elevation: 3161.2801m
State Plane Zone: Colorado Central
Scale Factor: 0.9999411256
Combined Scale Factor: 0.9994452802
Northing Reduction: 100000
Easting Reduction: 200000
Units are METERS.

COLORADO DEPARTMENT OF TRANSPORTATION



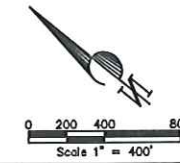
Region One
Address: 18500 East Colfax Avenue
Aurora, CO 80011
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Survey Unit: Joseph P. Conway

Sheet Revisions

mm/yy	XXXX	XXX

STATE HIGHWAY NO. 9 MP 70.3 TO MP 71.4
TOWN OF ALMA
SITUATED IN SECTIONS 1 AND 12 OF
TOWNSHIP 9 SOUTH, RANGE 78 WEST
OF THE 6TH P.M., COUNTY OF PARK,
STATE OF COLORADO.
PARK COUNTY, STATE OF COLORADO.



Project Control Diagram

OVERALL SHEET

Project Number: STA 0091-026
Project Location: TOWN OF ALMA
Project Location:
Project Code: 15023
Last Mod. Date: 01-04-2006
Subset Sheets: 3 of 12
Sheet No.: 38
Total No. of Sheets: 52

Prepared By: **WOOLPERT, INC.**
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FOUND

F 302

NGS BENCH MARK DISK

N: 1205536.32

E: 2185364.33

▲ EL:10387.14

SET

SH 9 CM-MP 71.40

CDOT TYPE II

N: 1204820.79

E: 2185207.02

▲ EL:10394.24

SET

SH 9 CM-MP 71.30

CDOT TYPE II

N: 1204272.33

E: 2185036.71

EL:10407.18

SET

SH 9 CM-MP 71.00

CDOT TYPE II

N: 1202931.34

E: 2185420.76

EL:10400.04

SET

SH 9 CM-MP 71.10

CDOT TYPE II

N: 1203297.82

E: 2185167.25

EL:10415.45

SET

SH 9 CM-MP 70.75

CDOT TYPE II

N: 1201792.00

E: 2186013.02

EL:10357.24

SET

SH 9 CM-MP 70.90

CDOT TYPE II

N: 1202416.24

E: 2185615.73

EL:10377.48

SET

SH 9 CM-MP 70.60

CDOT TYPE II

N: 1201124.10

E: 2186346.54

EL:10353.64

SET

SH 9 CM-MP 70.55

CDOT TYPE II

N: 1200721.25

E: 2186602.35

EL:10352.41

SET

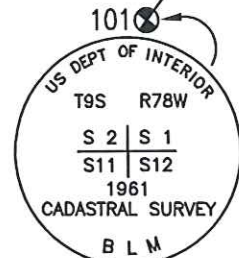
SH 9 CM-MP 70.30

CDOT TYPE II

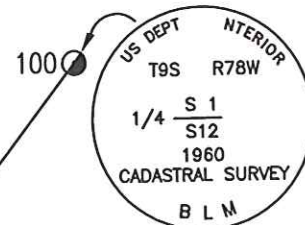
N: 1199801.66

E: 2187536.14

EL:10317.19



FOUND 3 1/4" BRASS CAP
ON ALUMINUM PIPE
IN MOUND OF ROCKS



FOUND 3 1/4" BRASS CAP
ON ALUMINUM PIPE
IN MOUND OF ROCKS

FOUND 3 1/4" ALUMINUM CAP
UNREADABLE

FOUND 18"x12"x3"
STONE WITH CHISELED
3/72

FOUND 4"x9"x10"
STONE
CHISELED X ON TOP AND
2/72 ON NORTH FACE

COLORADO DEPARTMENT OF TRANSPORTATION



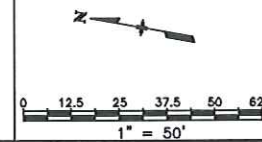
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Sheet Revisions

mm/yy	DESCRIPTION	BY
12/06	ADDED POINT # 525	RLP

STATE HIGHWAY NO. 9 MP 70.3 TO MP 71.4
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PARK COUNTY, STATE OF COLORADO.



Project Control Diagram

Plan Sheet

Project Number:	STA 0091-026
Project Location:	TOWN OF ALMA
Project Location:	
Project Code:	15023
Last Mod. Date:	12-15-2006
Subset Sheets:	4 of 12
Sheet No.:	3C
Total No. of Sheets:	52

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TOWN LIMITS

STATE HIGHWAY NO. 9

525

406

202

6TH STREET

END PROJ. R.O.W.
STA 0091-026
DESIGN STA. 280+52.54 AT M.P. 71.20 =
R.O.W. STA. 279+64.00 AT M.P. 71.20
PROJ. F.A.P. 212 A(1)

NORTH LINE OF THE
NW 1/4 SECTION 12

COLORADO DEPARTMENT OF TRANSPORTATION



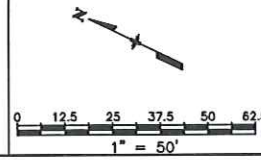
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Sheet Revisions

mm/yy	DESCRIPTION	BY
12/06	ADDED POINT # 525	RLP

STATE HIGHWAY NO. 9 MP 70.3 TO MP 71.4
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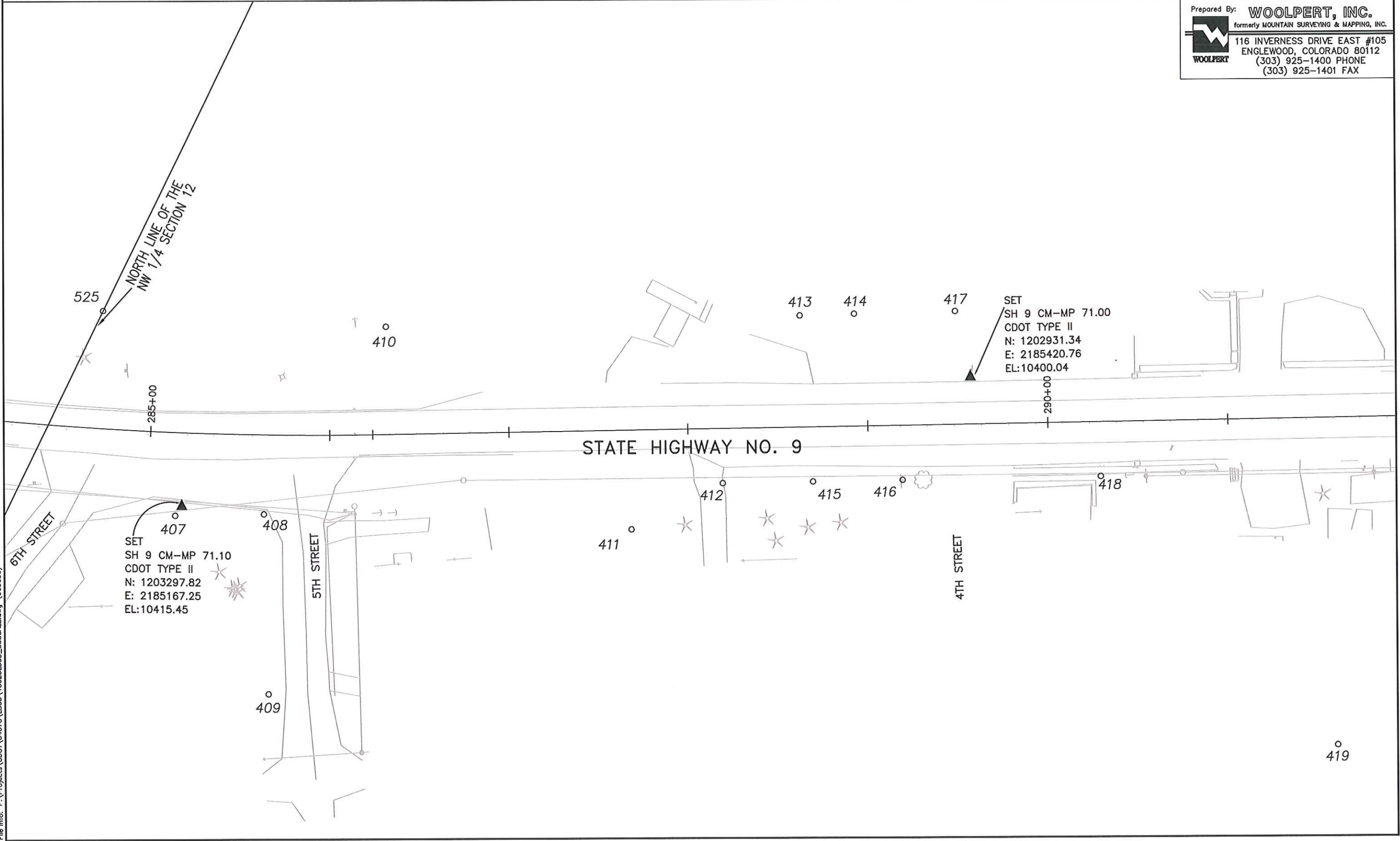


Project Control Diagram

Plan Sheet

Project Number: STA 0091-026
Project Location: TOWN OF ALMA
Project Location:
Project Code: 15023
Last Mod. Date: 12-15-2006
Subset Sheets: 5 of 12
Sheet No.: 30
Total No. of Sheets: 52

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Plot Date: DEC. 15, 2006
File Info: P:\Projects\CDOT\04073\SCD\15023\SCD_50SCALE.dwg (065630)
Plot/Edited By: RLH

COLORADO DEPARTMENT OF TRANSPORTATION



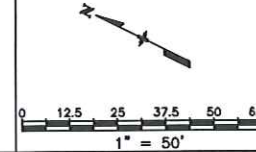
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Project Control Diagram

Plan Sheet

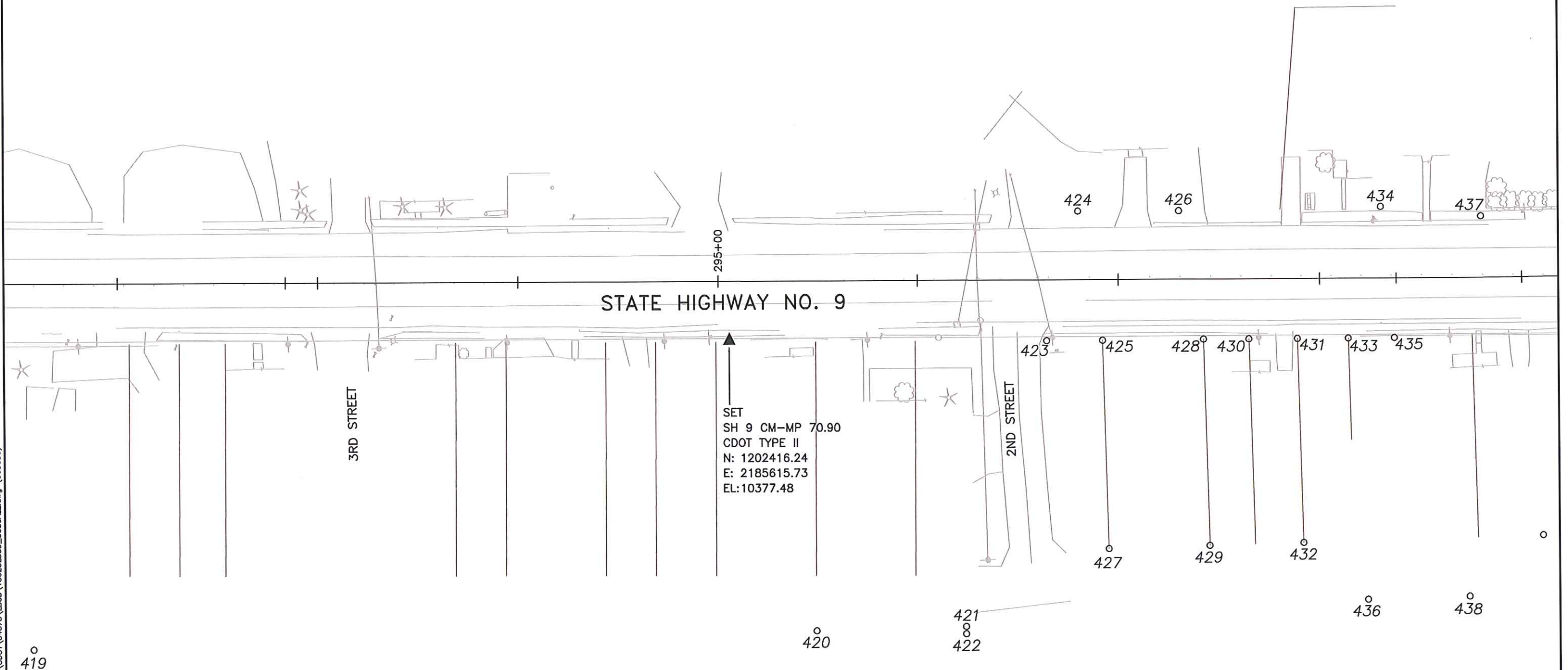
Project Number: STA 0091-026

Project Location: TOWN OF ALMA

Project Location:

Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15023	01-04-2006	6 of 12	3E	52

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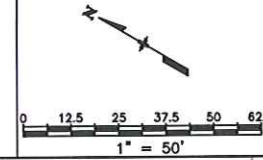
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Sheet Revisions

mm/yy	DESCRIPTION	XXX
12/06	ADDED POINT #'S 521 AND 524	XXX

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Plan Sheet

Project Number: STA 0091-026

Project Location: TOWN OF ALMA

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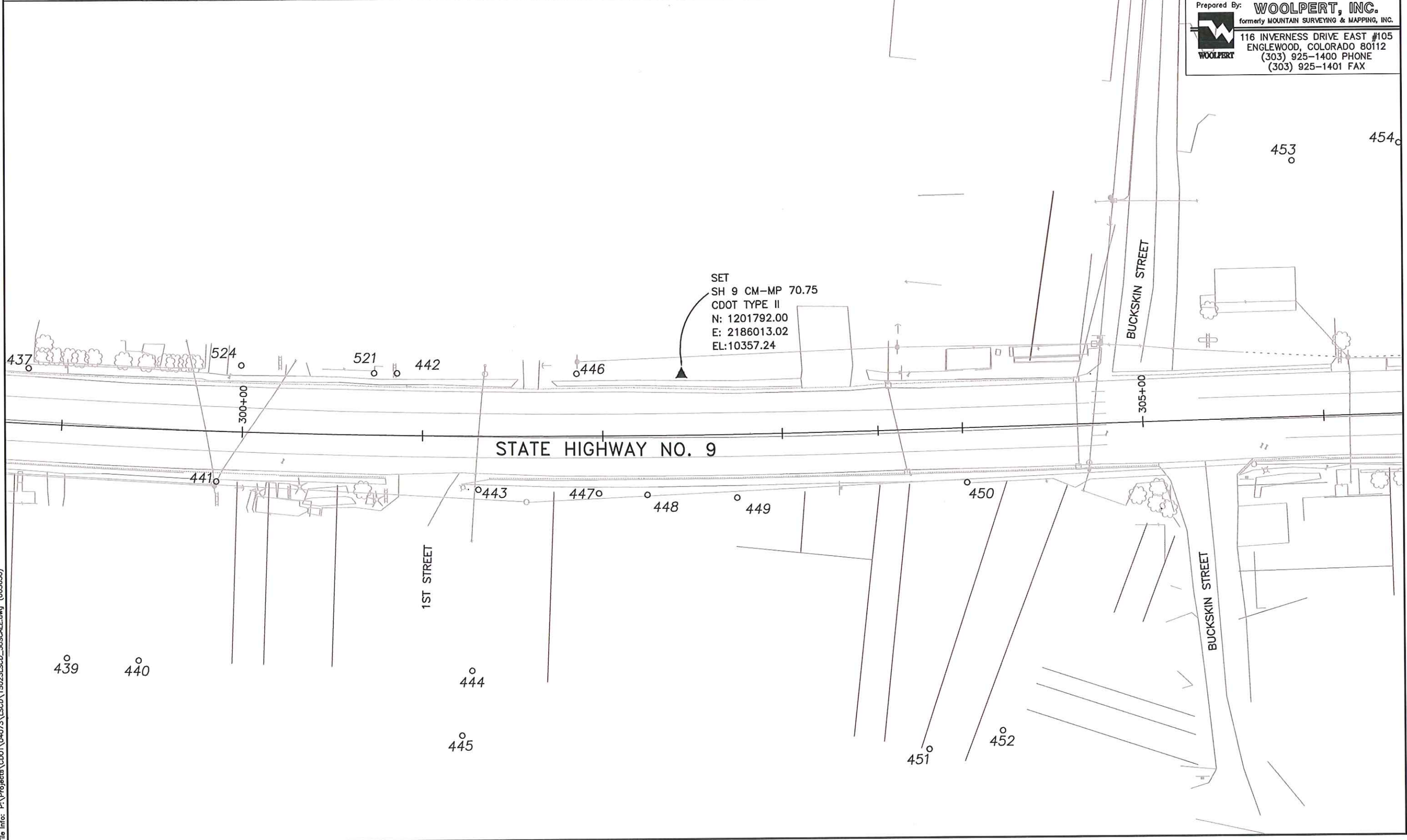
Last Mod. Date: 12-15-2006

Subset Sheets: 7 of 12

Sheet No: 3F

Total No. of Sheets: 52

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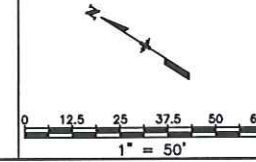
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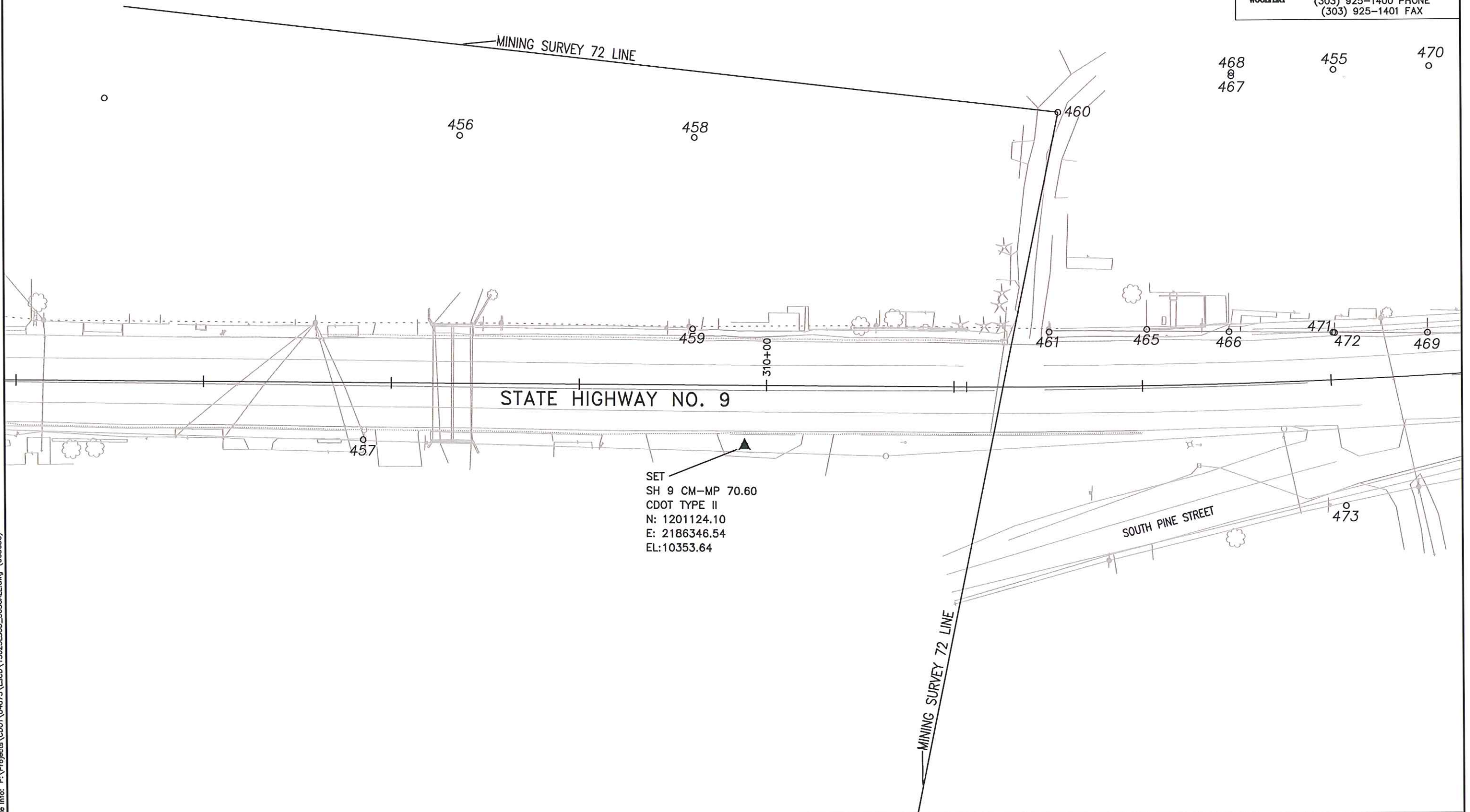
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Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15023	01-04-2006	8 of 12	36	52

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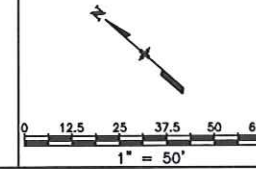
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Sheet Revisions

mm/yy	DESCRIPTION	BY
12/06	ADDED POINT # 520	RLP

STATE HIGHWAY NO. 9 MP 70.3 TO MP 71.4
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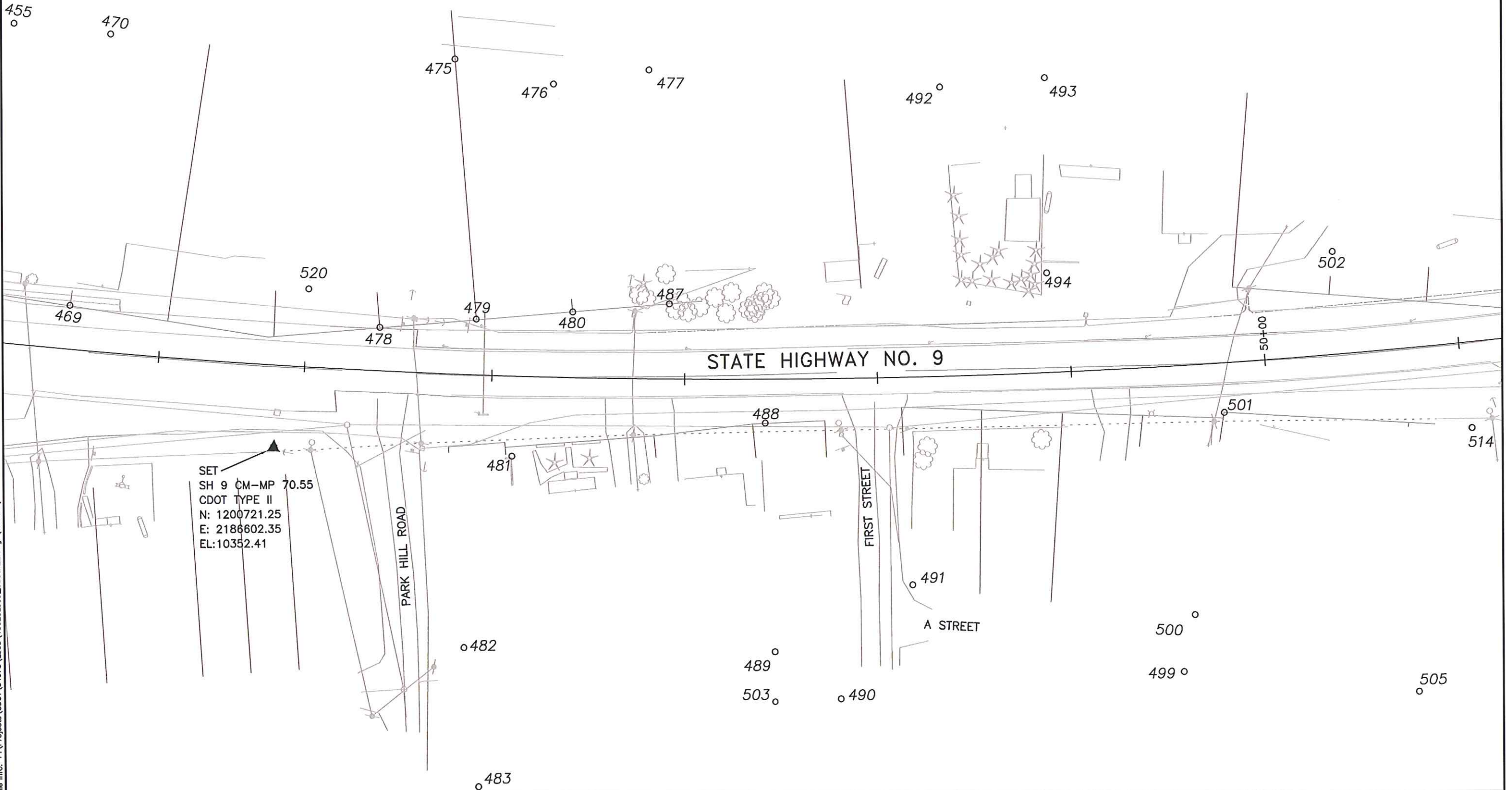
Project Number: STA 0091-026

Project Location: TOWN OF ALMA

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Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15023	12-15-2006	9 of 12	3H	52

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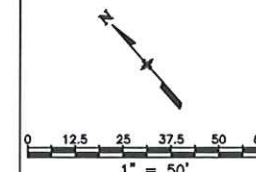
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Sheet Revisions

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PARK COUNTY, STATE OF COLORADO.



Project Control Diagram

Plan Sheet

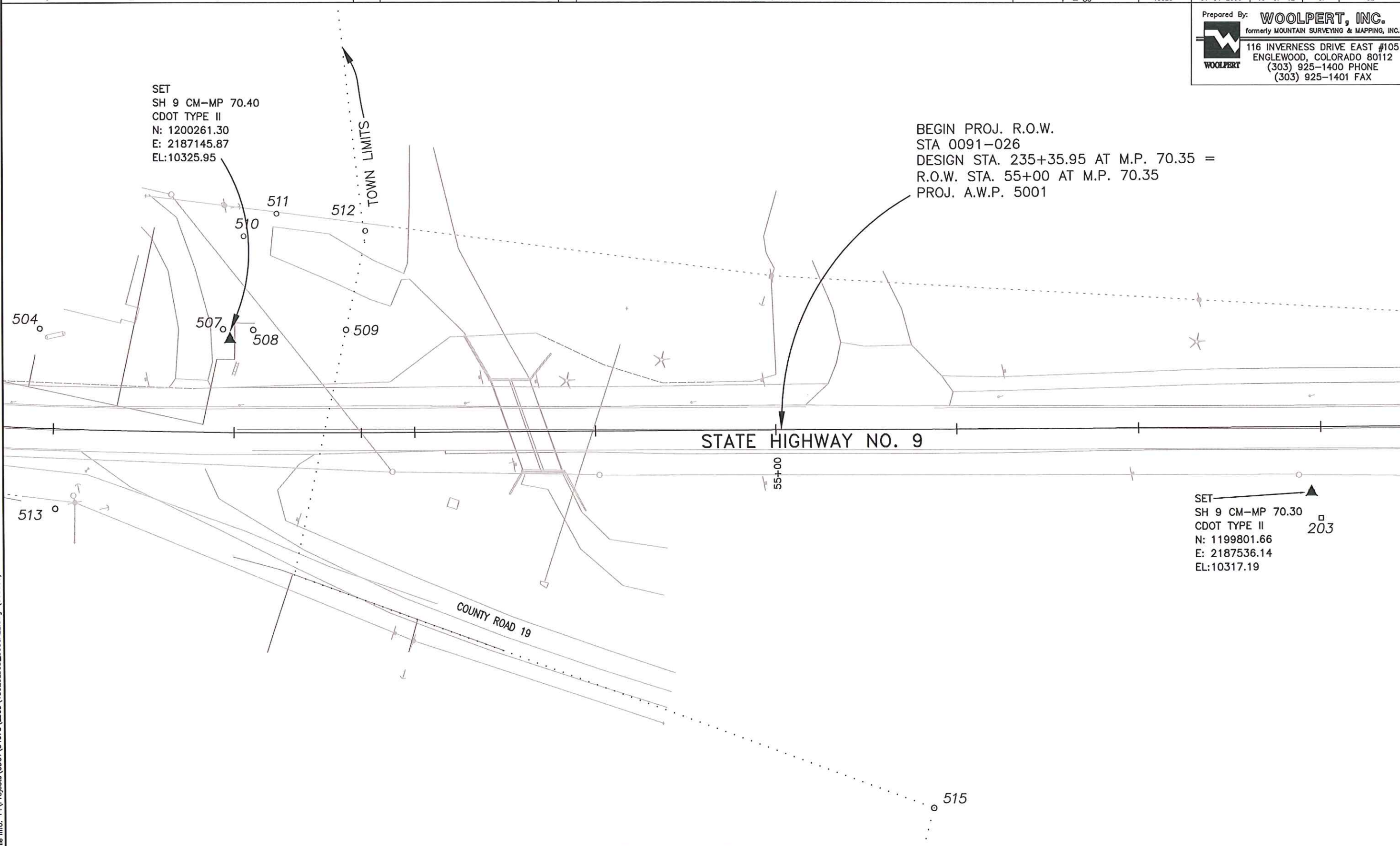
Project Number: STA 0091-026

Project Location: TOWN OF ALMA

Project Location:

Project Code	Last Mod. Date	Subst Sheets	Sheet No.	Total No. of Sheets
15023	01-04-2006	10 of 12	31	52

Prepared By: **WOOLPERT, INC.**
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COLORADO DEPARTMENT OF TRANSPORTATION



Region 1
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Phone: (303) 757-9117 FAX: (303) 757-9746

Survey Unit: Kevin A. Williams

Sheet Revisions			
mm/yy	XXXX	XXX	RLP
12/06	ADDED POINT #S 520, 521, 524 & 525		

STATE HIGHWAY NO. 9 MP 70.3 TO MP 71.4

TOWN OF ALMA
SITUATED IN SECTIONS 1 AND 12 OF
TOWNSHIP 9 SOUTH, RANGE 78 WEST
OF THE 6TH P.M., COUNTY OF PARK,
STATE OF COLORADO.
PARK COUNTY, STATE OF COLORADO.

Project Control Diagram

Plan Sheet

Project Number: STA 0091-026				
Project Location: TOWN OF ALMA				
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Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15023	12-15-2006	11 of 12	3J	52

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TABULATION OF FOUND SURVEY MARKERS

POINT NO.	NORTHING	EASTING	DESCRIPTION
400	1206692.55	2185686.71	FOUND 1" IRON PIPE
401	1205109.00	2185001.17	FOUND # 4 REBAR 4' HIGH
402	1204954.75	2185140.01	FOUND 1.5" ALUM. CAP T.L. BURNETT LS 11944
403	1204767.34	2185226.97	FOUND # 5 REBAR
404	1204523.01	2185035.63	FOUND 3/4" O.D. PIPE
405	1204186.87	2184985.28	FOUND # 4 REBAR 5' HIGH
406	1203667.97	2185154.08	FOUND 3/4" O.D. PIPE
407	1203298.52	2185160.58	FOUND 1.5" ALUM. CAP LS 15296
408	1203254.03	2185182.57	FOUND 1" IRON PIPE
409	1203209.01	2185093.75	FOUND 1.5" ALUM. CAP LEIBENGOOD LS 15296
410	1203237.19	2185305.36	FOUND 1" PLASTIC CAP CROW HILL PLS 26960
411	1203065.33	2185263.15	FOUND 1.25" CAP LS 11958
412	1203030.04	2185308.22	FOUND # 4 REBAR
413	1203031.31	2185410.20	FOUND 1" PLASTIC CAP CROW HILL LS 26960
414	1203004.54	2185424.01	FOUND 1.25" PLASTIC CAP LEIBENGOOD LS 15296
415	1202985.30	2185330.57	FOUND 1.5" ALUM. CAP BURNETT LS 11944
416	1202940.62	2185352.82	FOUND 1.5" ALUM. CAP BURNETT LS 11944
417	1202954.35	2185449.51	FOUND 3/4" PLASTIC CAP LEIBENGOOD LS 15296
418	1202842.13	2185401.91	FOUND 1" PLASTIC CAP BASELINE LS 23901
419	1202659.83	2185324.14	FOUND 2" ALUM. CAP CROW HILL PLS 26960 LOT 5/6 B9 10 FT O.S.
420	1202313.10	2185505.66	FOUND 2" ALUM. CAP BURNETT LS 11944 LOTS 3/4 W.C. (NO DIST.)
421	1202247.04	2185540.60	FOUND 1.5" ALUM. CAP BURNETT LS 11944 9.45' W.C. LOT 1
422	1202245.40	2185537.40	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOT 1
423	1202273.66	2185685.22	FOUND 1.5" ALUM. CAP BURNETT LS 11944
424	1202288.05	2185749.55	FOUND 1.25" PLASTIC CAP ILLEGIBLE
425	1202248.64	2185697.80	FOUND 1.5" ALUM. CAP LOTS 13/14 BURNETT LS 11944
426	1202243.04	2185771.88	FOUND # 5 REBAR
427	1202200.21	2185606.63	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 13/14
428	1202204.04	2185720.32	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 13/14
429	1202156.16	2185630.07	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 12/13
430	1202184.01	2185730.35	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 11/12
431	1202162.32	2185741.21	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 10/11
432	1202114.86	2185651.98	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 10/11
433	1202139.39	2185752.74	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 9/10
434	1202153.87	2185818.02	FOUND # 5 REBAR
435	1202119.02	2185762.98	FOUND 2" ALUM. CAP CROW HILL PROP COR PLS 26960
436	1202073.51	2185640.99	FOUND 2" ALUM. CAP BASELINE SURVEYS LS 23901 LOTS 6/7
437	1202107.55	2185835.65	FOUND PK NAIL W/FLAGGING
438	1202029.34	2185664.38	FOUND 2" ALUM. CAP BASELINE SURVEYS LS 23901 LOTS 7/8
439	1202009.93	2185707.84	FOUND 2" ALUM. CAP CROW HILL LS 26960 LOTS 6/7
440	1201974.74	2185726.41	FOUND 2" ALUM. CAP ILLEGIBLE
441	1201986.46	2185833.31	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 4/5
442	1201928.99	2185934.63	FOUND 1" PLASTIC CAP CROW HILL LS 26960
443	1201857.99	2185901.47	FOUND 1" PLASTIC CAP SLS LS 37719
444	1201811.52	2185813.17	FOUND 1.25" PLASTIC CAP SLS LS 37719
445	1201798.72	2185779.39	FOUND 1.75" SQUARE TOP IRON PIN
446	1201842.36	2185983.81	FOUND 1" PLASTIC CAP CROW HILL LS 26960
447	1201798.85	2185932.88	FOUND 1" PLASTIC CAP SLS LS 37719
448	1201775.06	2185945.60	FOUND 1" PLASTIC CAP CROW HILL LS 26960
449	1201730.90	2185969.09	FOUND 1" PLASTIC CAP CROW HILL LS 26960
450	1201624.19	2186039.75	FOUND 1.25" PIN & CAP ILLEGIBLE
451	1201569.52	2185901.81	FOUND 1.25" IRON PIPE
452	1201539.31	2185930.94	FOUND 1.5" ALUM. CAP BURNETT 11944
453	1201556.11	2186282.44	FOUND 1.5" ALUM. CAP BURNETT 11944
454	1201510.00	2186320.16	FOUND 1.5" ALUM. CAP BURNETT 11944
455	1200963.69	2186679.90	FOUND 1.5" ALUM. CAP LEIBENGOOD LS 15296 LOTS 3/4
456	1201339.08	2186404.06	FOUND 1.5" ALUM. CAP BURNETT LS 11944
457	1201297.66	2186240.95	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOT 13
458	1201232.55	2186469.45	FOUND 1.5" ALUM. CAP BURNETT LS 11944
459	1201179.83	2186383.57	FOUND NAIL & SHINER BURNETT LS 11944 LOTS 7/6
460	1201075.39	2186583.50	FOUND 1.5" ALUM. CAP ILLEGIBLE

TABULATION OF FOUND SURVEY MARKERS

POINT NO.	NORTHING	EASTING	DESCRIPTION
461	1201017.85	2186482.97	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOT 1
462	1200863.01	2186244.48	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 3/4
463	1200847.00	2186156.53	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 1/2
464	1200810.91	2186191.19	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 3/4
465	1200974.78	2186511.49	FOUND SPIKE
466	1200937.26	2186533.51	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
467	1201007.97	2186648.25	FOUND # 5 REBAR
468	1201008.78	2186649.72	FOUND 1.5" ALUM. CAP BURNETT LS 11944
469	1200848.16	2186588.76	FOUND 1.5" ALUM. CAP LEIBENGOOD LS 15296 LOTS 4/5
470	1200922.06	2186708.23	FOUND 1.5" ALUM. CAP LEIBENGOOD LS 15296 LOTS 5/4
471	1200890.29	2186562.48	FOUND 1.5" ALUM. CAP LEIBENGOOD LS 15296 LOTS 3/4
472	1200889.47	2186562.82	FOUND 1.5" ALUM. CAP BURNETT LS 11944
473	1200835.94	2186488.86	FOUND # 4 REBAR BADLY BENT
474	1200468.30	2186472.76	FOUND 1.5" ALUM. CAP PLS 11944 LOTS 3/4
475	1200778.37	2186814.10	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 8/9
476	1200731.21	2186837.51	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 9/10 10.00' W.C.
477	1200698.35	2186875.05	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 10/11
478	1200718.85	2186684.34	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 7/8
479	1200683.59	2186719.97	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 8/9
480	1200647.92	2186755.27	FOUND 1.5" ALUM. CAP BURNETT LS 11944 LOTS 9/10
481	1200624.08	2186678.60	FOUND 3" STEEL PIPE
482	1200579.54	2186587.65	FOUND 1" IRON PIPE
483	1200527.65	2186538.52	FOUND # 4 REBAR
484	1200468.69	2186489.06	FOUND # 4 REBAR
485	1200396.88	2186542.70	FOUND 1.5" ALUM. CAP BURNETT PLS 11944 LOTS 3/4
486	1200438.72	2186585.47	FOUND 1.5" ALUM. CAP BURNETT PLS 11944 LOTS 3/4
487	1200612.56	2186790.84	FOUND 1.5" ALUM. CAP BURNETT PLS 11944 LOTS 10/11
488	1200534.94	2186776.94	FOUND # 6 REBAR
489	1200455.06	2186691.04	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
490	1200413.55	2186694.87	FOUND # 4 REBAR
491	1200423.22	2186763.45	FOUND BENT 1.5" ALUM. CAP LS 16391
492	1200578.04	2186966.30	FOUND 1.5" ALUM. CAP ILLEGIBLE
493	1200540.11	2187005.04	FOUND 2" ALUM. CAP CROW HILL ILLEGIBLE
494	1200474.38	2186929.83	FOUND 2" ALUM. CAP CROW HILL PLS 26960
495	1200290.51	2186623.28	FOUND 1.5" ALUM. CAP BURNETT PLS 11944 LOTS 7/8
496	1200268.85	2186600.37	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
497	1200183.21	2186657.35	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
498	1200218.48	2186692.75	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
499	1200288.00	2186820.48	FOUND # 5 REBAR W/FLAGGING
500	1200302.60	2186846.36	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
501	1200358.28	2186934.98	FOUND 1.5" ALUM. CAP ILLEGIBLE
502	1200365.86	2187033.42	FOUND 1.25" PIN & CAP ILLEGIBLE
503	1200438.42	2186671.67	FOUND # 4 REBAR
504	1200335.34	2187071.12	FOUND 2" ALUM. CAP CROW HILL PLS 26960 SW LOT 18
505	1200189.48	2186891.19	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
506	1200150.73	2186830.71	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
507	1200267.43	2187146.29	FOUND 2" ALUM. CAP CROW HILL PLS 26960 SW LOT 20
508	1200256.11	2187158.45	FOUND 2" ALUM. CAP CROW HILL PLS 26960 NW LOT 21
509	1200221.94	2187196.72	FOUND 2" ALUM. CAP CROW HILL PLS 26960 SW LOT 21
510	1200297.81	2187188.73	FOUND 2" ALUM. CAP CROW HILL PLS 26960 SE LOT 20
511	1200294.89	2187210.55	FOUND 2" ALUM. CAP CROW HILL PLS 26960 NE LOT 21
512	1200255.27	2187240.77	FOUND 2" ALUM. CAP CROW HILL PLS 26960 SE LOT 21
513	1200256.50	2187011.56	FOUND 1.5" ALUM. CAP BURNETT PLS 11944
514	1200256.39	2187011.57	FOUND 1.5" ALUM. CAP JIM WARD PLS 1141526960 SW LOT 20
515	1199810.20	2187265.70	FOUND 1.25" ALUM. CAP CROW HILL PLS 26960
516	1199688.55	2187083.01	FOUND 2" SQUARE IRON ROD
517	1200917.13	2185599.15	FOUND 18"x12"x3" STONE W/CHISELED "3/72"
518	1200919.01	2185603.00	FOUND STONE
519	1200736.74	2185685.68	FOUND 4"x9"x10" STONE W/CHISELED "+" ON TOP & "2/72" ON NORTH FACE
520	1200759.53	2186675.47	FOUND 1.5" ALUM. CAP "BURNETT ROW 7 PLS 11944"
521	1201939.97	2185928.40	FOUND 1.25" PLASTIC CAP "CROW HILL PLS 26960"
524	1202006.03	2185895.57	FOUND #6 REBAR
525	1203383.08	2185245.51	FOUND 2" ALUM. CAP "CROW HILL PLS 26960"



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Survey Unit: Kevin A. Williams

Sheet Revisions

mm/yy	xxxxx	xxx

STATE HIGHWAY NO. 9 MP 70.3 TO MP 71.4
TOWN OF ALMA
SITUATED IN SECTIONS 1 AND 12 OF
TOWNSHIP 9 SOUTH, RANGE 78 WEST
OF THE 6TH P.M., COUNTY OF PARK,
STATE OF COLORADO.
PARK COUNTY, STATE OF COLORADO.

Project Control Diagram

Plan Sheet

Project Number: STA 0091-026				
Project Location: TOWN OF ALMA				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15023	01-04-2006	12 of 12	3K	52

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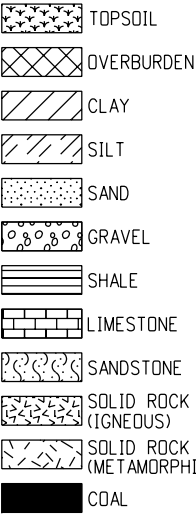
TABULATION OF FOUND ROW MARKERS

POINT NO.	NORTHING	EASTING	DESCRIPTION
200	1208681.40	2186044.23	FOUND CDOH MONUMENT MARKED 212-A-1 STA 230+25
201	1206032.24	2185529.90	FOUND CDOH MONUMENT MARKED 212-A-1 STA 257+16
202	1203802.93	2185001.15	FOUND CDOH MONUMENT MARKED 212-A-1 STA 280+00
203	1199787.17	2187530.29	FOUND CDOH MONUMENT MARKED AWP 5001 STA 58+00

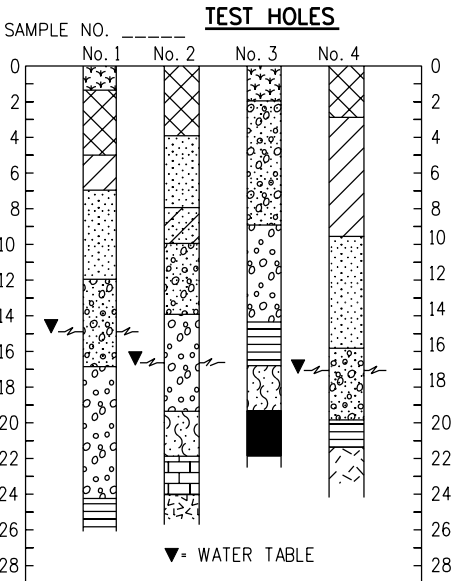
TABULATION OF FOUND SECTION CORNERS

POINT NO.	NORTHING	EASTING	DESCRIPTION
100	1203365.98	2186985.67	FOUND 3.25" BLM BRASS CAP IN MOUND OF ROCKS AT NORTH 1/4 CORNER SECTION 12
101	1203392.15	2184323.35	FOUND 3.25" BLM BRASS CAP IN MOUND OF ROCKS AT N.W. CORNER SECTION 12

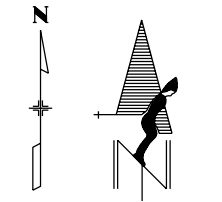
LEGEND



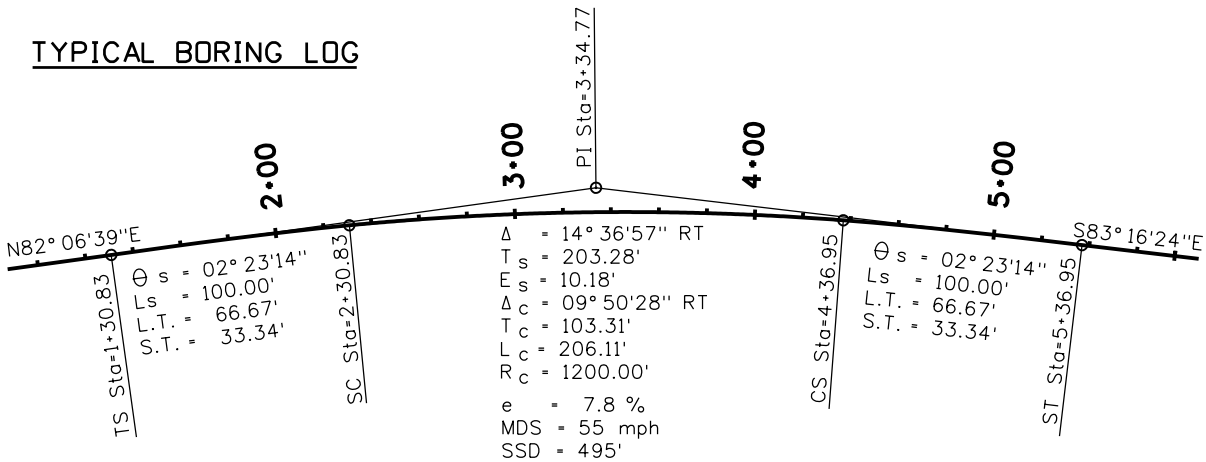
COMPOSITE MATERIALS ARE REPRESENTED BY COMBINATIONS OF THE ABOVE SYMBOLS, SUCH AS:



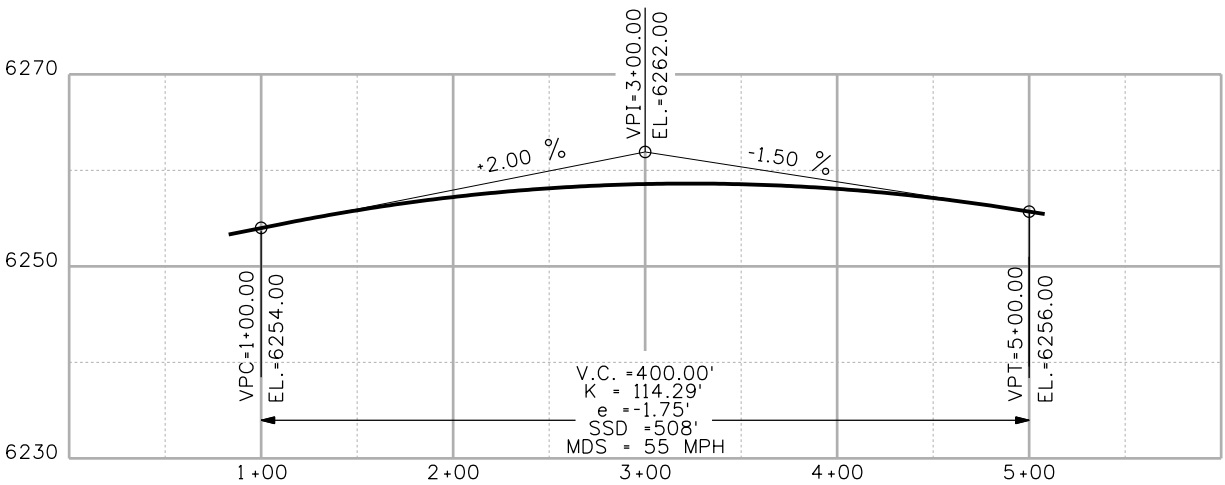
TYPICAL BORING LOG



NORTH ARROW



TYPICAL HORIZONTAL CURVE



TYPICAL VERTICAL CURVE

TERRAIN SINGLE SHOTS

TOP OF CUT

TOE OF FILL

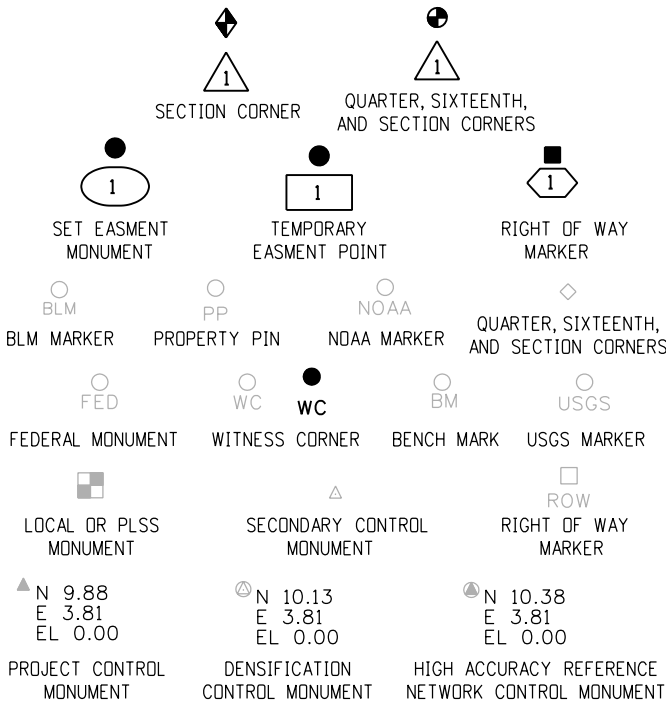
TERRAIN



EDGE OF PAVEMENT

CENTERLINE OF DIRT ROAD

ROADWAY



PERMANENT, PROPERTY, SLOPE, & UTILITY EASEMENT LINE

TEMPORARY EASEMENT LINE (EXISTING)

PROPERTY BOUNDARY LINE (EXISTING AND PROPOSED)

ACCESS CONTROL LINE

BARRIER ACCESS CONTROL LINE

RIGHT OF WAY LINE

VIRGIN RIGHT OF WAY LINE (PROPOSED)

CITY LIMIT LINE (EXISTING)

COUNTY LINE (EXISTING)

QUARTER SECTION LINE

SECTION LINE

SIXTEENTH SECTION LINE

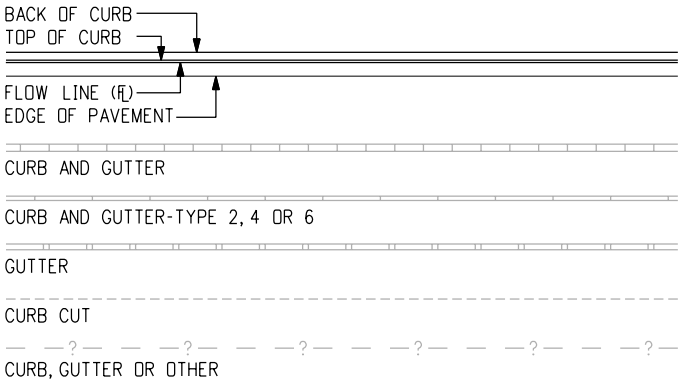
STATE LINE (EXISTING)

TOWNSHIP LINE (EXISTING)

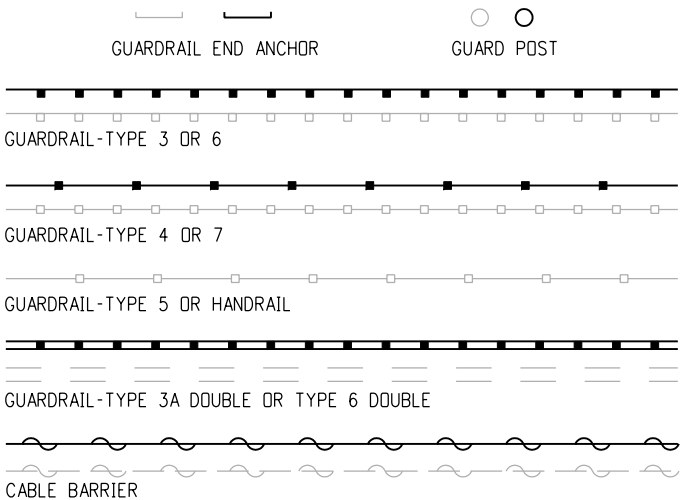
SURVEY/ROW

GENERAL NOTES

- EXISTING FEATURES SHOWN AS SCREENED WEIGHT (GRAY SCALE), EXCEPT AS NOTED WITH THE WORD (EXISTING). PROPOSED OR NEW FEATURES SHOWN AS FULL WEIGHT WITHOUT SCREENING, EXCEPT AS NOTED WITH THE WORD (PROPOSED).
- THESE SYMBOLS ARE INTENDED TO EXPLAIN THE VARIOUS TOPOGRAPHIC FEATURES INVOLVED ON THE DESIGN PLAN SHEETS WHICH ARE PREPARED AT VARIOUS SCALES. NOTES ARE ADDED WHERE NECESSARY TO CLARIFY THE SYMBOL. A LEGEND IS PROVIDED IN THE PLANS FOR SYMBOLS NOT SHOWN ON THE STANDARD SYMBOLS SHEETS.
- GUARDRAIL, CURB AND GUTTER, ETC., ARE REPRESENTED BY A SYMBOL WITH TYPE GIVEN BY NOTE.



CURB AND GUTTER



GUARDRAIL

Computer File Information

Creation Date: 07/04/06 Initials: SRJ
Last Modification Date: 07/04/06 Initials: LTA
Full Path: www.dot.state.co.us/DesignSupport/
Drawing File Name: 100010103.dgn
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

Sheet Revisions

Date: Comments

(R-X)
(R-X)
(R-X)
(R-X)

Colorado Department of Transportation



Project Development Branch

4201 East Arkansas Avenue
Denver, Colorado 80222
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SRJ/LTA

STANDARD SYMBOLS

Issued By: Project Development Branch on July 04, 2006

STANDARD PLAN NO.

M-100-1

Sheet No. 1 of 3



ROCK, MASONRY OR MECHANICALLY STABILIZED WALL (FACE)



BRIDGE CURB



BRIDGE RAIL



BRIDGE RAIL-TYPE 3A



FLOW LINE CBC

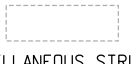


STRUCTURES MISCELLANEOUS

STRUCTURE



MISCELLANEOUS BUILDING STRUCTURE (PRIMARY)



MISCELLANEOUS STRUCTURE (SECONDARY)



FOUNDATION OR PAD (CONCRETE OR BLOCK)

BUILDING STRUCTURES



RR TELEGRAPH POLE



RR SWITCH



RR GUY POLE



RR SIGNALS WITH OR WITHOUT GATE



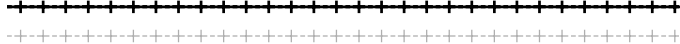
RR CROSS BUCK SIGN



RR SIGNAL CONTROLLER CABINET



RR MISCELLANEOUS SYMBOL



RR TRACK CENTERLINE

RAILROAD



BOULDER UNDER 6FT



GEOLOGY MISC SYMBOL



MINESHAFT SYMBOL

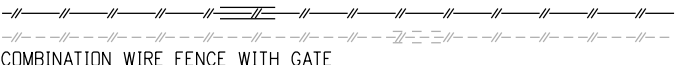


ROCK OUTCROP

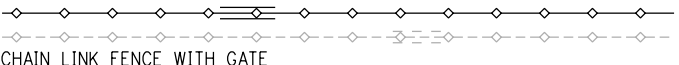


BOULDER FIELD OR ROCK OVERHANG

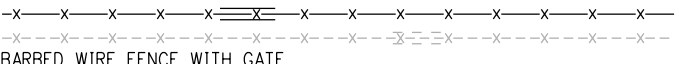
GEOLOGY



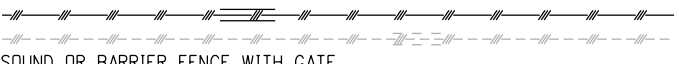
COMBINATION WIRE FENCE WITH GATE



CHAIN LINK FENCE WITH GATE



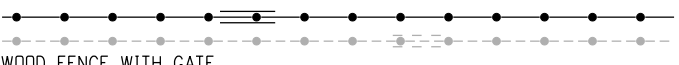
BARBED WIRE FENCE WITH GATE



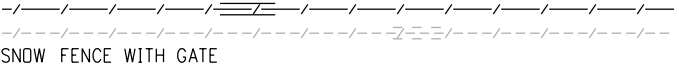
SOUND OR BARRIER FENCE WITH GATE



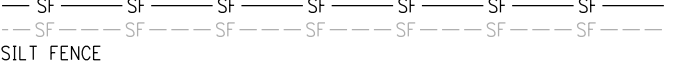
DEER FENCE WITH GATE WITH GATE



WOOD FENCE WITH GATE



SNOW FENCE WITH GATE



SILT FENCE



DEBRIS FENCE

FENCE



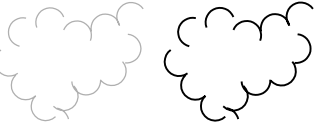
MISCELLANEOUS TREES



TEETER TOTTER SYMBOL



CONIFEROUS TREE



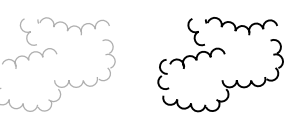
TREES GROVE



BENCH



CONIFEROUS SHRUB



HEDGE OR SHRUB GROVE



DECIDUOUS SHRUB



SWING SET SYMBOL



SPRINKLER HEAD



EDGE OF WETLANDS

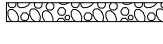


DECIDUOUS TREE

LANDSCAPING



HAZARD WASTE MONITORING WELL



ROCK CHECK DAM



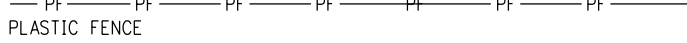
TEMPORARY BERM



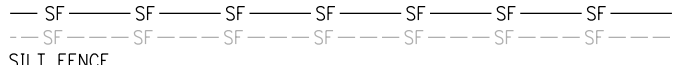
EROSION LOG DITCH CHECK



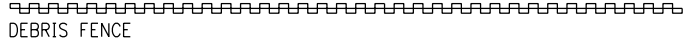
EXISTING WETLAND PATTERN



PLASTIC FENCE



SILT FENCE



DEBRIS FENCE



ENVIRONMENTAL CONCERN



HAZARDOUS WASTE SITE



NOXIOUS WEED



CONCRETE WASHOUT STRUCTURE



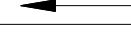
SOIL RETENTION BLANKET



STORM DRAIN INLET PROTECTION



SILT DIKE



TEMPORARY SLOPE DRAIN



STABILIZED CONSTRUCTION ENTRANCE



DROP INLET EROSION PROTECTION



PIPE INLET EROSION PROTECTION



EROSION CHECK



SEDIMENT TRAP/ DEWATERING STRUCTURE



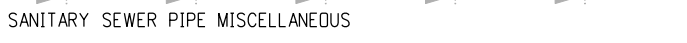
SANITARY SEWER MANHOLE



SANITARY SEWER MISCELLANEOUS SYMBOL



SANITARY SEWER PIPE



SANITARY SEWER PIPE MISCELLANEOUS

ENVIRONMENTAL



METAL PIPE WITH END SECTION



CONCRETE PIPE WITH END SECTION



HEADWALL



PIPE MISCELLANEOUS

PIPES



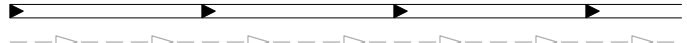
CHECK DAM UNDER 4 FT



DIVERSION BOX SYMBOL



FLOW GAUGE



DITCH WITH FLOW



EDGE OF WATER, CANALS, PONDS, STREAM OR RIVER



HEADGATE 1



SPRING SYMBOL



MISCELLANEOUS WATERWAYS

DITCHES AND WATERWAY



INLET TYPE 13



INLET TYPE C



INLET TYPE D



INLET VANE GRATE



INLET TYPE R XX FT LENGTH



STORM SEWER MANHOLE



STORM SEWER MISCELLANEOUS



STORM SEWER PIPE



STORM SEWER PIPE MISCELLANEOUS

STORM SEWER



WATER SPIGOT



FIRE HYDRANT



WATER VALVE



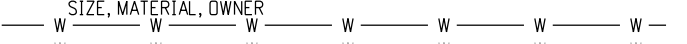
WATER METER



WATER MANHOLE



WATER WELL SYMBOL



WATER LINE



WATER MISCELLANEOUS LINE

WATER

Computer File Information

Creation Date: 07/04/06

Initials: SRJ

Last Modification Date: 07/04/06

Initials: LTA

FullPath: www.dot.state.co.us/DesignSupport/

Drawing File Name: 100010203.dgn

CAD Ver.: MicroStation V8

Scale: Not to Scale

Units: English

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R-X

R-X

R-X

Sheet Revisions

Date:

Comments



Colorado Department of Transportation

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Project Development Branch

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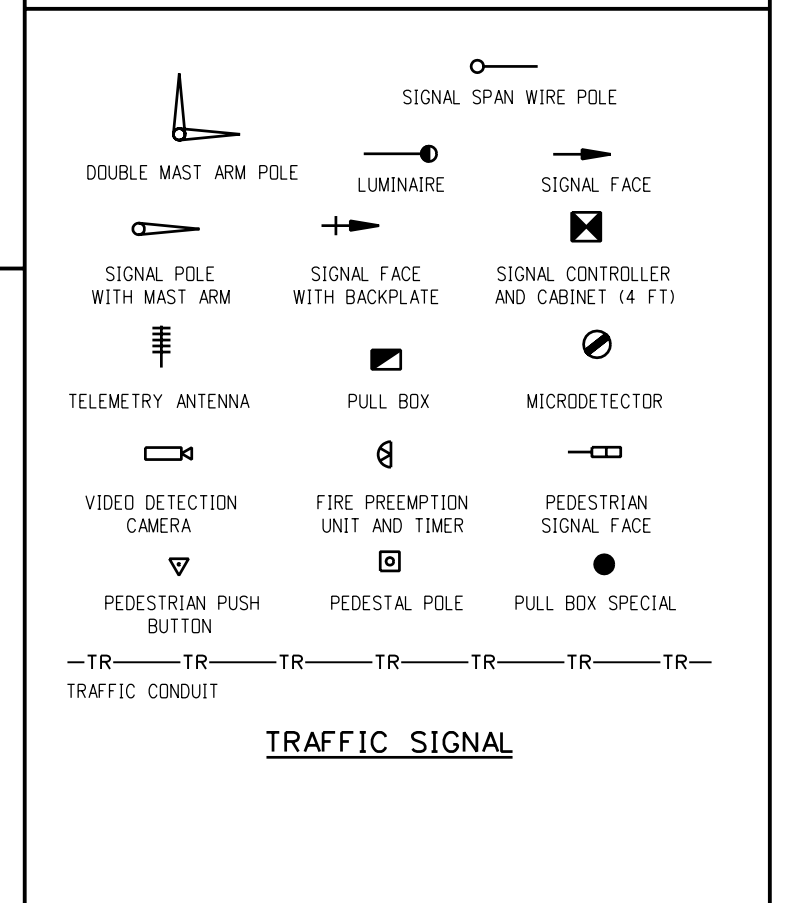
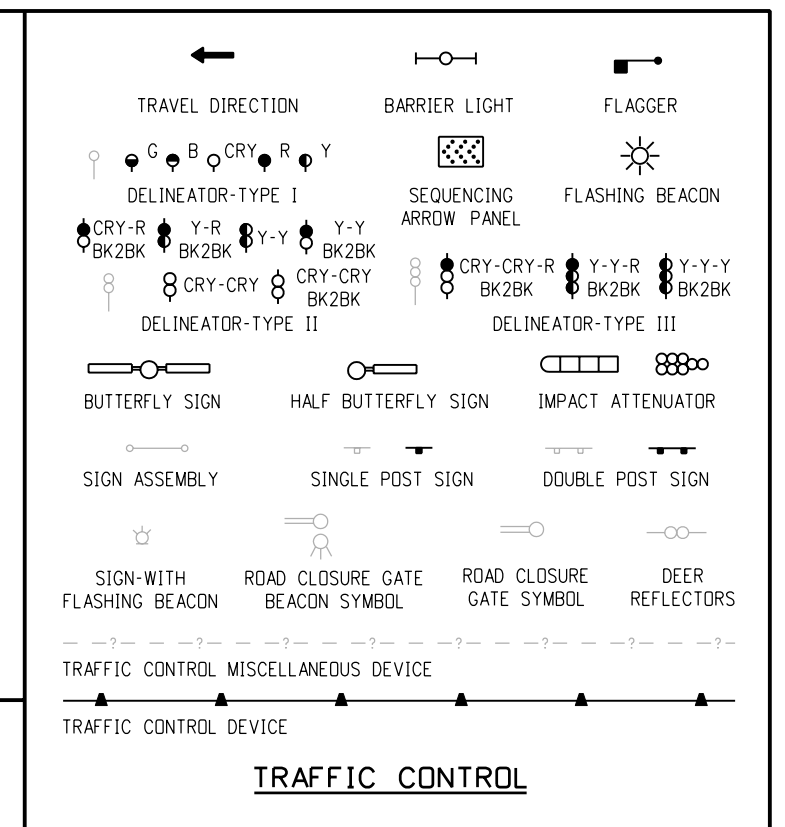
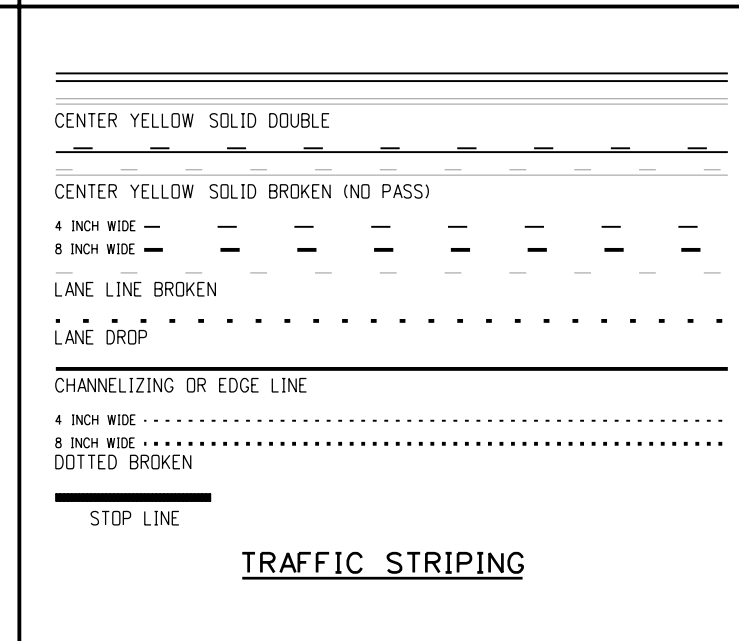
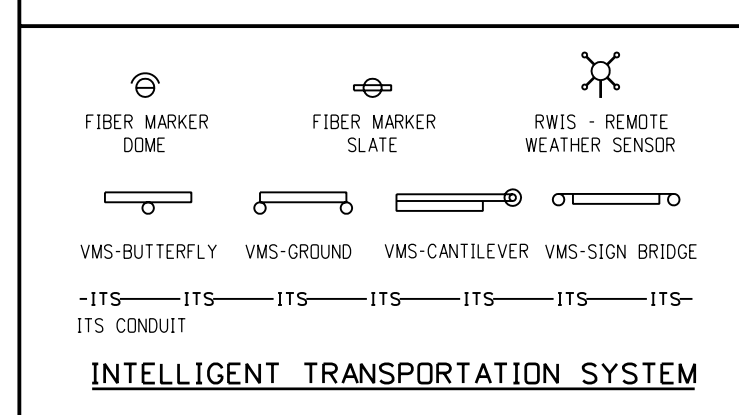
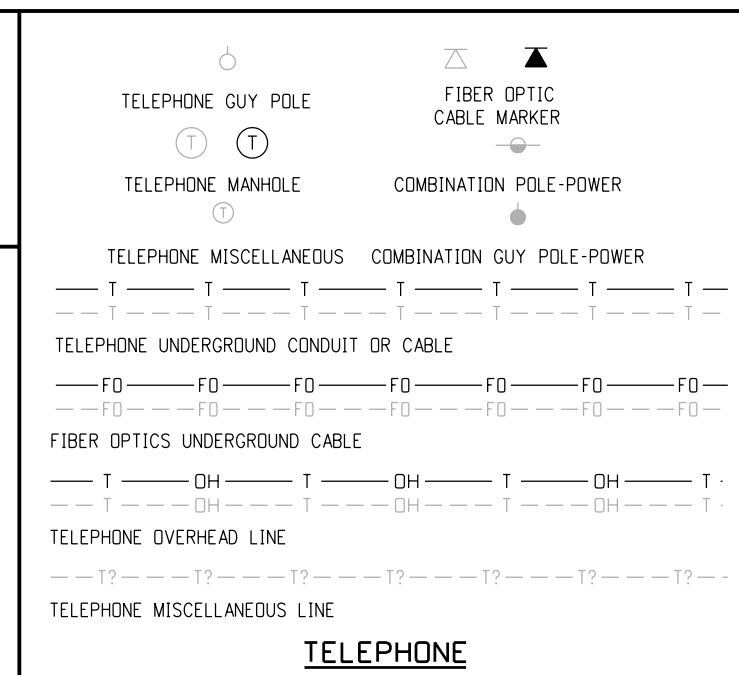
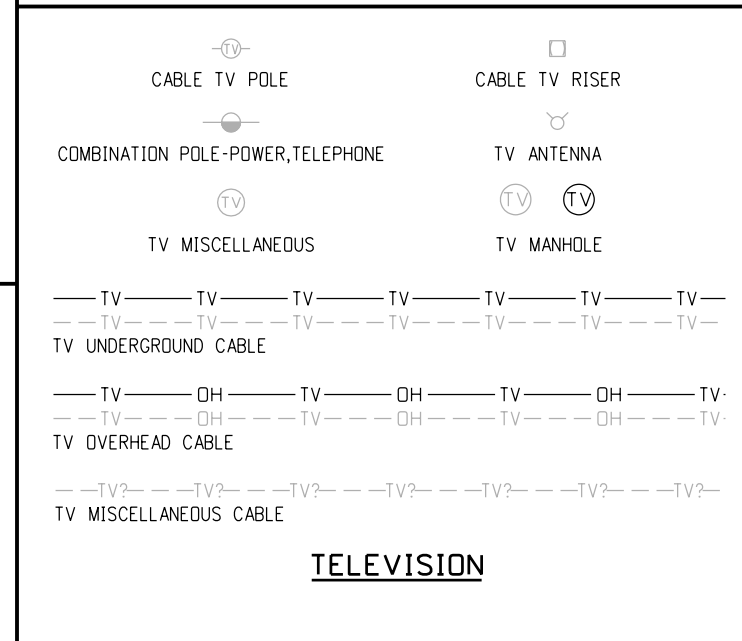
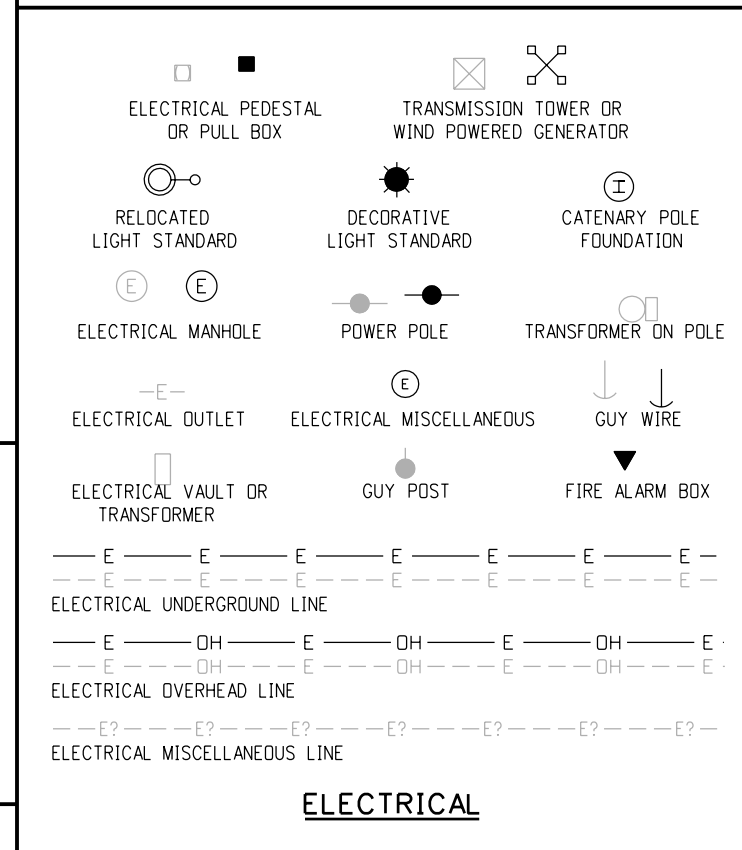
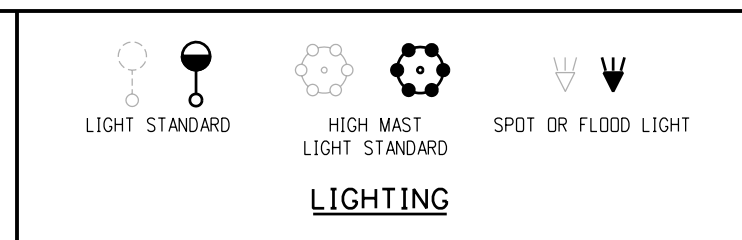
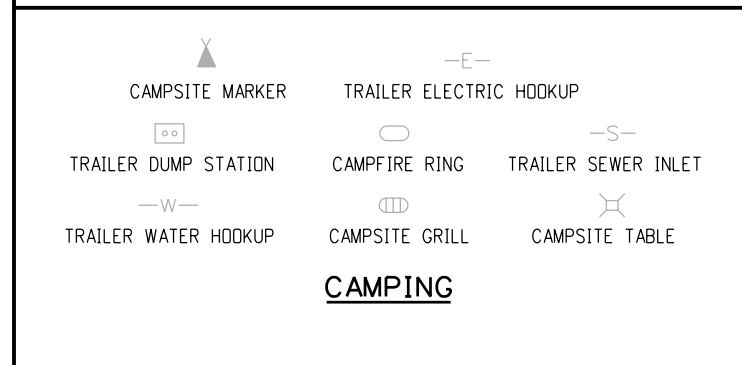
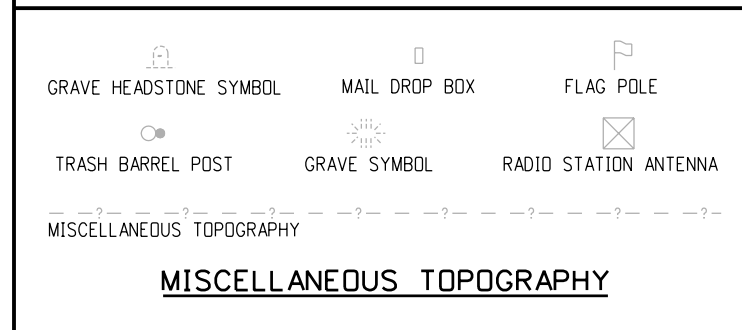
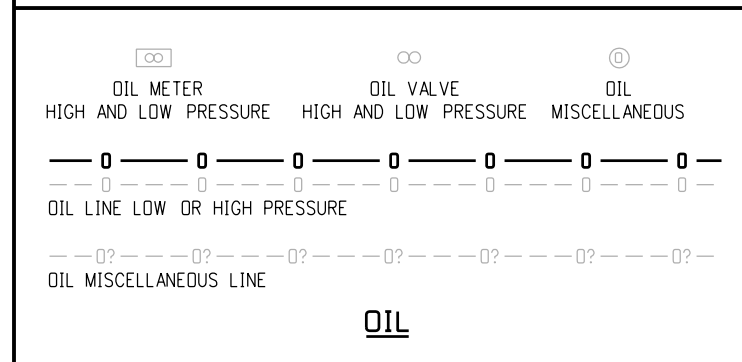
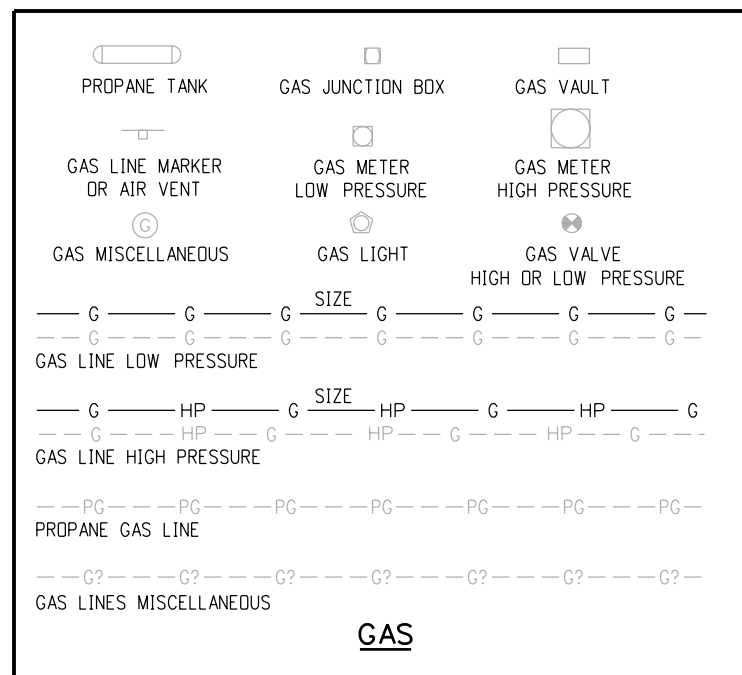
STANDARD SYMBOLS

Issued By: Project Development Branch July 04, 2006

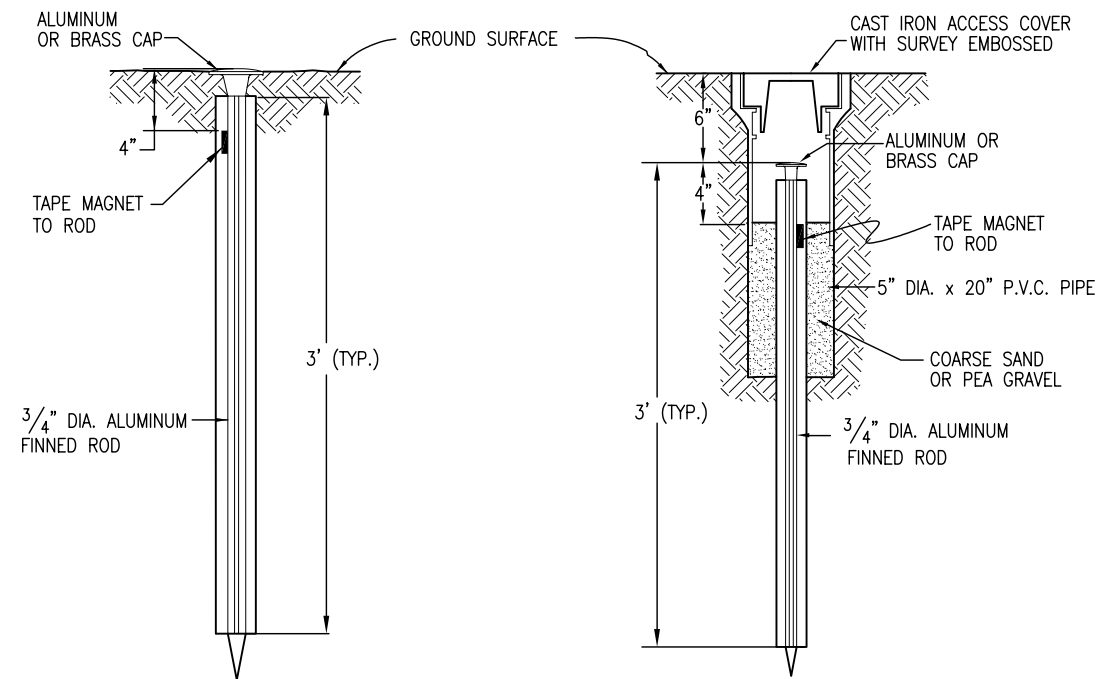
STANDARD PLAN NO.

M-100-1

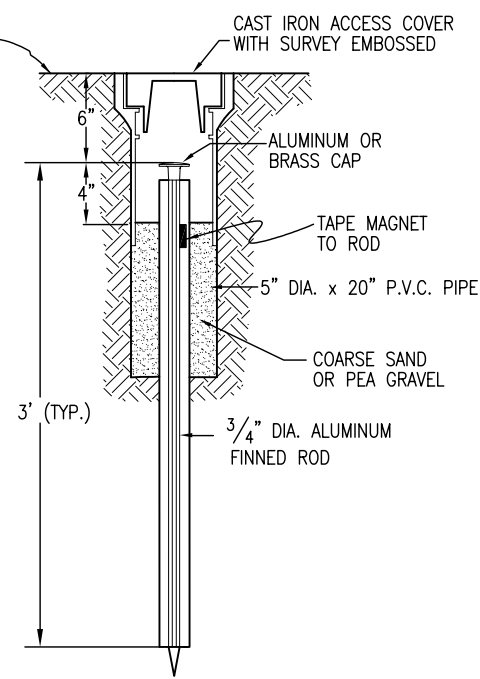
Sheet No. 2 of 3



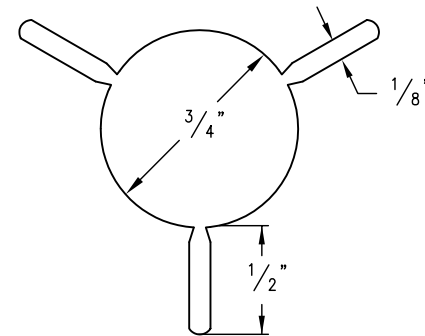
Computer File Information		R-X R-X R-X R-X	Sheet Revisions		Colorado Department of Transportation 4201 East Arkansas Avenue Denver, Colorado 80222 Phone: (303) 757-9083 Fax: (303) 757-9820 Project Development Branch SRJ/LTA		STANDARD SYMBOLS		STANDARD PLAN NO.	
Date:	Comments:		M-100-1							
Creation Date: 07/04/06 Initials: SRJ					Project Development Branch SRJ/LTA		STANDARD SYMBOLS		Sheet No. 3 of 3	
Last Modification Date: 07/04/06 Initials: LTA										
Full Path: www.dot.state.co.us/DesignSupport/										
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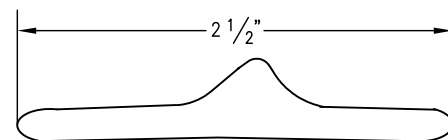
TYPE 1 MONUMENT



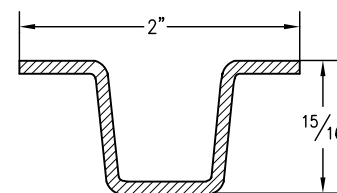
TYPE 1A MONUMENT
INCLUDES MONUMENT BOX



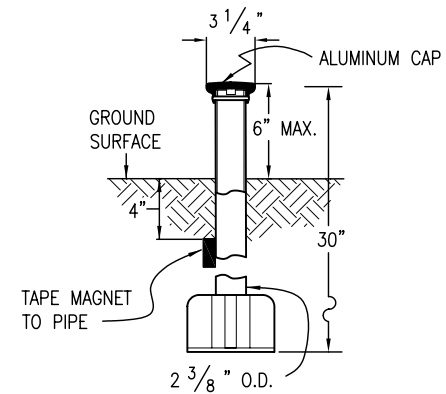
SECTION A-A



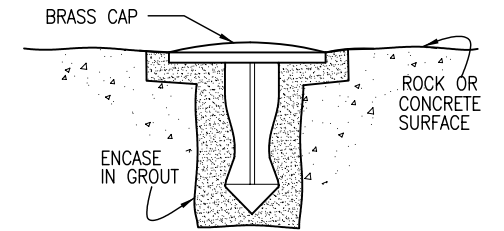
SECTION B-B



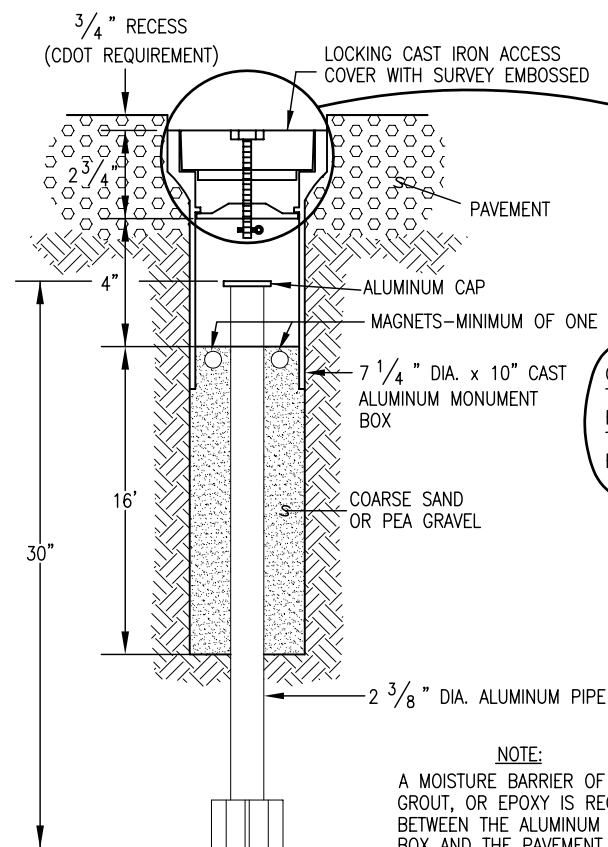
DELINEATOR POST
SECTION C-C



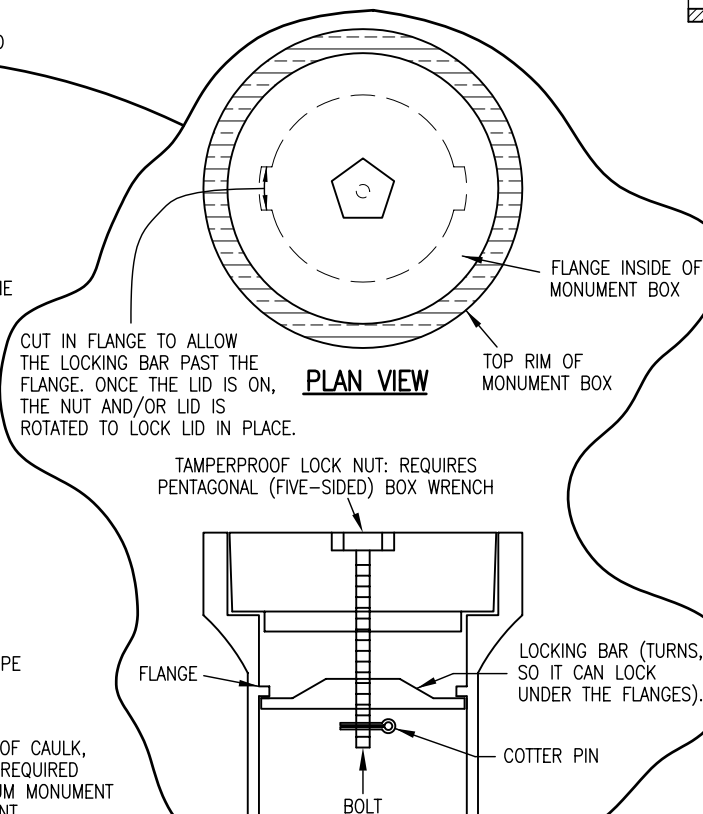
TYPE 3 MONUMENT



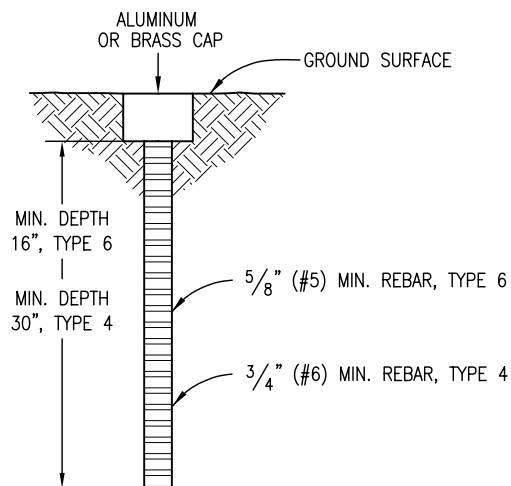
TYPE 5 MONUMENT
ALUMINUM CAP AND TYPE 5(S)
DETAILS SHOWN ON SHEET 2



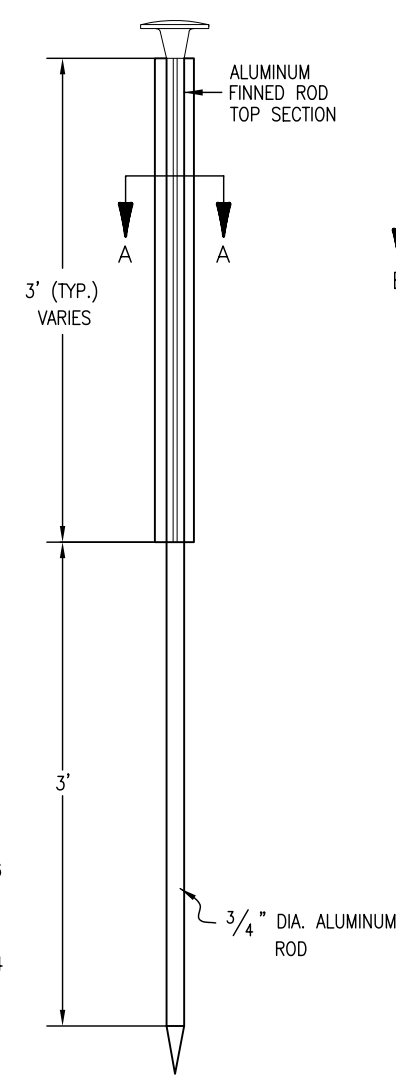
TYPE 3A MONUMENT
ROADWAY INSTALLATION
INCLUDES MONUMENT BOX



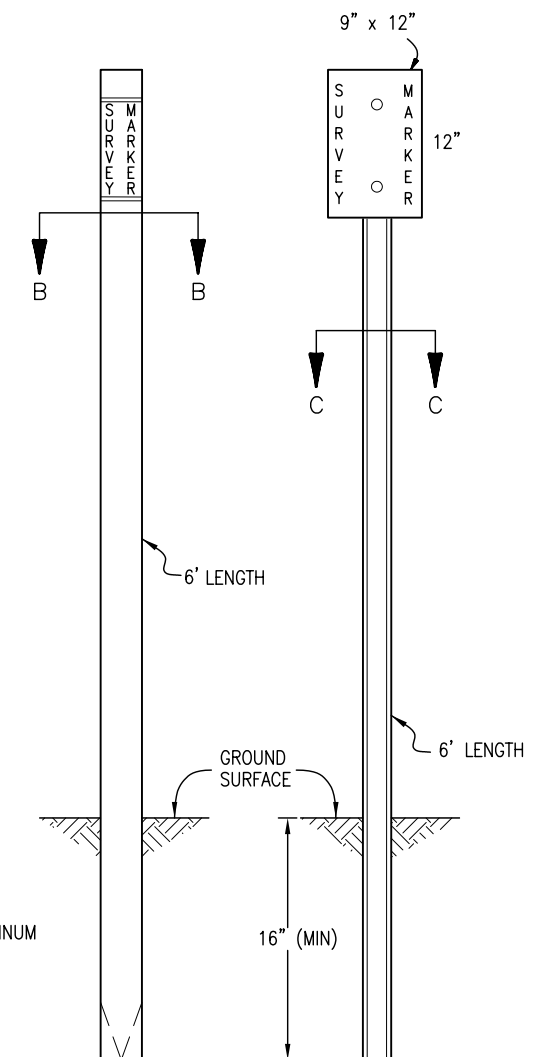
LOCKING CAST IRON ACCESS COVER



TYPE 4 AND TYPE 6 MONUMENT



TYPE 2 MONUMENT
TYPE 2A INCLUDES MONUMENT BOX



WITNESS POSTS

Computer File Information

Creation Date: 07/04/06 Initials: SJR
Last Modification Date: 07/04/06 Initials: LTA
Full Path: www.dot.state.co.us/DesignSupport/
Drawing File Name: 629010102.dwg
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

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Date:	Comments
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(R-X)	
(R-X)	
(R-X)	

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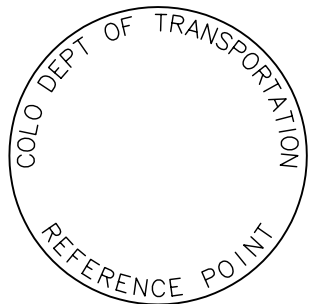
**SURVEY
MONUMENTS**

Issued By: Project Development Branch on July 04, 2006

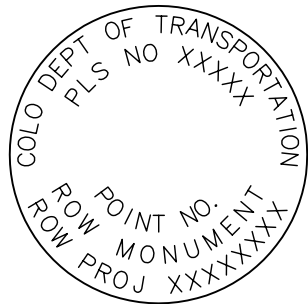
STANDARD PLAN NO.

M-629-1

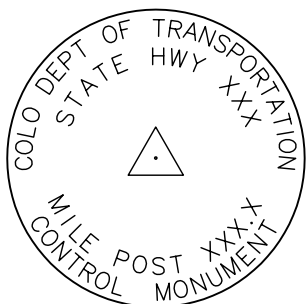
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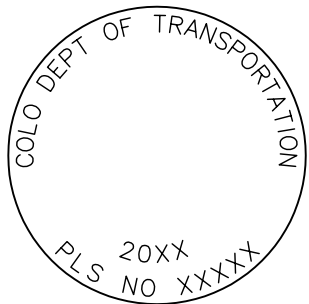
REFERENCE
MONUMENT CAP



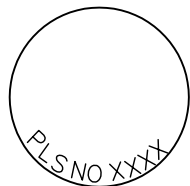
ROW
MONUMENT CAP



CONTROL
MONUMENT CAP

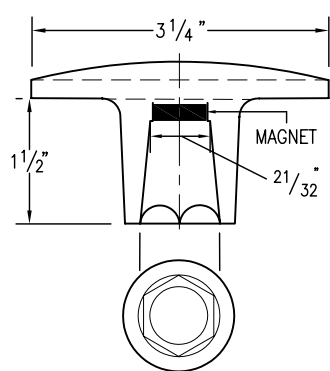


ALIQOT CORNER
MONUMENT CAP

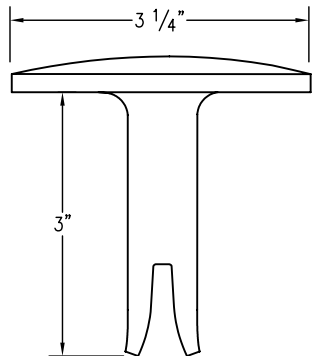


ALUMINUM CAP

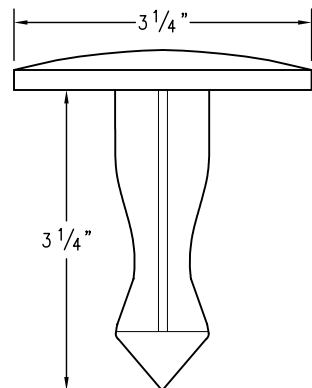
NOTE: A BLANK CAP MAY BE SUBSTITUTED IF THE APPROPRIATE CAP SHOWN ABOVE IS NOT AVAILABLE. IF A BLANK CAP IS USED, ALL INFORMATION NORMALLY INCLUDED ON THE APPROPRIATE STANDARD CAP, SHALL BE STAMPED ON THE BLANK CAP ALONG WITH SPECIFIC PROJECT INFORMATION SUCH AS PROJECT NO., DATE, POINT NO., ETC..



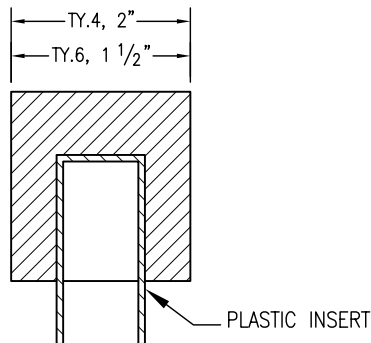
ALUMINUM CAP
USED WITH ALUMINUM ROD



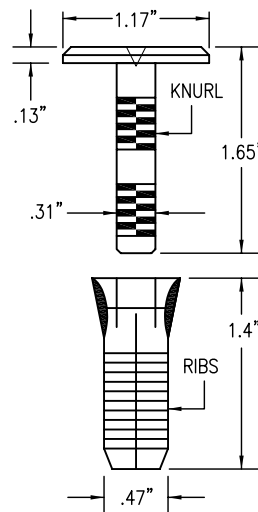
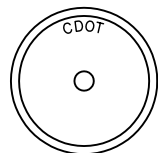
ALUMINUM CAP
TYPE 5
FOR PLACING IN EXISTING
CONCRETE OR ROCK



BRASS CAP
TYPE 5
FOR PLACING IN EXISTING
CONCRETE OR ROCK



ALUMINUM CAP



COPPER ALLOY CAP
TYPE 5(S)
FOR PLACING IN EXISTING
SIDEWALK, CURB, OR GUTTER

ALL MONUMENTATION MATERIALS WILL BE FURNISHED BY CDOT

THE MONUMENT TYPE SHALL MEET THE MINIMUM STANDARDS AS DETERMINED BY THE COLORADO STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS RULES (STATE BOARD RULES).

THE CDOT SURVEY COORDINATOR SHALL APPROVE ALL EXCEPTIONS FOR STAMPING MONUMENTS DIFFERING FROM THE STANDARDS.

TYPE 1 AND TYPE 1A ALUMINUM FINNED ROD MONUMENTS

THIS MONUMENT SHALL BE USED FOR ROW OR REFERENCE MONUMENTS OR MAY BE USED FOR AN ALIQUOT CORNER MONUMENT. WHEN USED AS AN ALIQUOT CORNER MONUMENT, INSTALLATION AND RECORD FILING REQUIREMENTS SHALL BE AS STATED FOR TYPE 3 AND TYPE 3A MONUMENTS.

MONUMENTS SHALL BE INSTALLED BY ATTACHING THE PROPER SIZE TIP TO ONE END OF A SECTION OF FINNED ROD, AND A 3 IN. LONG X 3/4 IN. DIA. STAINLESS STEEL ADAPTER TO THE OTHER END. THE DRIVER IS THEN PLACED OVER THE STAINLESS STEEL ADAPTER FOR THE HAMMER TO CONTACT. TYPE 1 MONUMENTS SHALL USE A MINIMUM 3 FT. SECTION OF FINNED ROD. WHEN SUBSURFACE ROCK OR CONCRETE IS ENCOUNTERED LESS THAN 3 FT. BELOW THE GROUND SURFACE, THE ROD SHALL BE EMBEDDED IN THE ROCK OR IN CONCRETE AT LEAST 6 IN. AND GROUTED IN PLACE. THE ROD MAY BE SHORTENED TO ACCOMMODATE THE CONDITIONS.

WHEN UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, ADDITIONAL SECTIONS OF ROD SHALL BE ADDED TO ACHIEVE STABILITY. HORIZONTAL AND VERTICAL STABILITY ARE REQUIRED.

TYPE 1A MONUMENT INCLUDES MONUMENT BOX. A LOCKING CAST IRON ACCESS COVER SHALL BE INSTALLED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY PAVEMENT.

TYPE 2 AND TYPE 2A ALUMINUM FINNED ROD MONUMENTS

THIS MONUMENT SHALL BE USED FOR HORIZONTAL AND VERTICAL CONTROL MONUMENTS. WHEN UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, ADDITIONAL SECTIONS OF ROD SHALL BE ADDED TO ACHIEVE STABILITY. HORIZONTAL AND VERTICAL STABILITY ARE REQUIRED. IN MOST SOIL CONDITIONS THE TYPE 2 MONUMENT IS EMBEDDED 6 FT. INTO THE GROUND.

THE MONUMENT SHALL BE INSTALLED BY FIRST ATTACHING THE PROPER SIZE TIP TO A 3 FT. LONG X 3/4 IN. DIA. ROD, THEN DRIVING THE ROD AT LEAST 30 IN. INTO THE GROUND. ADDITIONAL 3 FT. LONG X 3/4 IN. FINNED ROD SECTIONS SHALL BE ADDED AND DRIVEN FLUSH WITH THE GROUND UNTIL THE MONUMENT IS IN A STABLE POSITION. THE FINS ARE BENT OVER USING PLIERS TO ACCOMMODATE INSTALLING THE CAP. THE CAP IS FIRMLY SEATED ONTO THE LAST FINNED SECTION OF ROD USING A DEAD BLOW SLEDGE HAMMER.

TYPE 2A MONUMENT INCLUDES MONUMENT BOX. A LOCKING CAST IRON ACCESS COVER SHALL BE INSTALLED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY PAVEMENT.

TYPE 3 AND TYPE 3A ALUMINUM PIPE MONUMENTS

THIS MONUMENT SHALL BE USED FOR AN ALIQUOT CORNER MONUMENT. THE INSTALLATION OF THIS MONUMENT AND RECORD FILING SHALL BE DONE IN ACCORDANCE WITH THE STATE BOARD RULES. ALSO REFER TO THE CDOT SURVEY MANUAL AND THE BUREAU OF LAND MANAGEMENT REQUIREMENTS FOR MONUMENT INSTALLATION. THE LAND SURVEYOR'S LICENSE NUMBER AND THE YEAR SHALL BE STAMPED ON THE CAP.

TYPE 3A MONUMENT INCLUDES MONUMENT BOX. A LOCKING CAST IRON ACCESS COVER SHALL BE INSTALLED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY PAVEMENT.

TYPE 4 ALUMINUM MONUMENT

THIS MONUMENT MAY BE INSTALLED IN LIEU OF REPLACING THE ENTIRE MONUMENT WHEN REBAR IS IN PLACE AT AN ALIQUOT CORNER LOCATION. REFER TO THE STATE BOARD RULES. A MINIMUM 2 IN. DIA. CAP SHALL BE USED ON 3/4 IN. (#6) REBAR.

TYPE 5 BRASS/ALUMINUM CAP MONUMENT

THIS MONUMENT MAY BE INSTALLED IN LIEU OF ALL OTHER CDOT MONUMENTS, WHEN THE POSITION IS LOCATED IN CONCRETE OR STABLE ROCK FORMATION.

TYPE 5(S) COPPER ALLOY CAP MONUMENT – SMALL

THIS MONUMENT MAY BE INSTALLED IN LIEU OF A TYPE 5 MONUMENT, WHEN THE POSITION IS LOCATED IN A CONCRETE SIDEWALK, CURB OR GUTTER, OR WHEN SETTING A TYPE 5 WOULD COMPROMISE THE INTEGRITY OF THE RECEIVING STRUCTURE.

STAMPING REQUIREMENTS:

- "RP", WHEN THE APPLICATION IS A REFERENCE POINT.
- "ROW", POINT NUMBER, "LS", AND REGISTRATION NUMBER WHEN THE APPLICATION IS A ROW POINT.
- "CP" AND A UNIQUE IDENTIFIER PROVIDED BY THE REGION SURVEY COORDINATOR, WHEN THE APPLICATION IS A CONTROL POINT.
- "PE", POINT NUMBER, "LS", AND REGISTRATION NUMBER, WHEN THE APPLICATION IS A PERMANENT EASEMENT POINT.
- "PP" AND POINT NUMBER, WHEN THE APPLICATION IS A PROJECT POINT.

TYPE 6 ALUMINUM MONUMENT

THIS MONUMENT SHALL BE USED FOR PERMANENT EASEMENTS, PROJECT BENCH MARKS, PROJECT POINTS, AND REFERENCES. AN ALUMINUM CAP WITH A MINIMUM DIAMETER OF 1 1/2 IN., SHALL BE USED ON 5/8 IN. (#5) MINIMUM REBAR.

* WITNESS POSTS

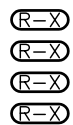
THE WITNESS POST WILL BE SUPPLIED BY CDOT AND INSTALLATION SHALL BE INCLUDED IN THE WORK. IT SHALL BE DRIVEN WITHIN 1 FT. OF THE MONUMENT WHEN POSSIBLE. A DELINEATOR POST WITH A 9 IN. X 12 IN. METAL SIGN PANEL MAY BE USED IN LIEU OF THE PLASTIC POST. THIS POST SHALL CONFORM TO STANDARD PLAN S-612-1. A REQUIRED WITNESS POST MAY BE OMITTED WITH THE APPROVAL OF THE ENGINEER IF THE WITNESS POST LOCATION IS WITHIN A TRAVELED WAY, DRIVEWAY, OR ACCESS OPENING.

MONUMENT APPLICATION

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE	X	X						X	X	X
ROW	X	X						X	X	
CONTROL			X	X				X	X	
ALIQOT CORNER	X	X			X	X	X	X		
PERMANENT EASEMENT								X	X	X
PROJECT POINTS								X	X	X
WITNESS POST * (REQUIRED)	X		X	X	X			X		

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Drawing File Name: 629010202.dwg
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Sheet Revisions

Date:	Comments

Colorado Department of Transportation



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Project Development Branch

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SURVEY MONUMENTS

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STANDARD PLAN NO.

M-629-1

Sheet No. 2 of 2