CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

DOT — DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions

Date	Description	Initials
3/7/05	Revised sheets 2, 2A, 4, 4A, 4C, 13, 14, 15, 16, 19 & 20	BDL
4/25/05	Revised sheets 2A, 4, 14 & 19	BDL
5/02/05	Revised sheets 13, 14 & 19	BDL
5/11/05	Revised sheet 14	BDL
2/02/07	Revised sheet's 2A, 2B, 13, 14, 19, & 20	HLS

Sheet Revisions

Date	Description	Initials

Prepared By: URS

URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

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LAST MOD. DATE: 2/02/2007 INITIALS: HLS
DRAWING NAME & FULL PATH: SEE LEFT SIDE OF SHEET
SCALE: As Shown UNITS: English

Right of Way Plans
TITLE SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		1 of 1	1	43

CONVENTIONAL SIGNS

County Line
Township or Range Line
Land Lines — Section Line — 1/4 Section Line — 1/16 Section Line
Property or Tract Line
City Limits
Railroad
Existing Road
New Road
Control of Access — OP=OPENING — 24" OP — 16" OP — E.O.A.
Acess denied by Deed — Existing — R.O.W. Marker — New
Right of Way Line
Protected by Freeway (Virgin Location)
Top of Cuts
Toe of Fills
Barbed Wire Fence
Chain Link Fence
Woven Wire - Combination Fence
Snow Fence
Wood Fence
Deer Fence

Trees — Deciduous — Coniferous

Tel & Teleg. Lines — Existing — New — Relocated — To be Removed
Electric Lines — Existing — New — Relocated — To be Removed
Elec. Trans. Tower — Existing — New — Relocated — To be Removed
Buried Tel. Cable — Exist. — New
Buried Electric Cable — Exist. — New
Gas Main — 6" Exist. — 6" New
Oil Main — 10" Exist. — 10" New
Water Main — 4" Exist. — 4" New
Sanitary Sewers — MH — 12" Exist. — 12" New
Storm Sewers — MH — 18" Exist. — Inlet — 18" New — Inlet

R.O.W.
Road Approaches

Section Corner — 1 6 12 7 — Center of Section — 12

Culverts & Drains
Proposed Existing — No Hdwl. — 1 Hdwl. — 2 Hdwls. — End Sections
Proposed Existing (To be dashed) — Siphon — CBC
Bridges
Existing (To be dashed)

Survey Control Diagram
prepared by Mountain
Surveying & Mapping, Inc.
Sheets 3-3N
Rec.#_____
Douglas County Clerk and
Recorder

All Measurements Are In English Units
Unless Otherwise Noted

BASIS OF BEARINGS

BASIS OF BEARINGS: Bearings used in the calculations of coordinates are based on a grid bearing of N30°49'24"W from SH-85 CM-MP 196.80 and SH-85 CM-MP 197.00. Both monuments are CDOT Type II, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

SH-85 CM-MP 196.80 — N30°49'24"W — SH-85 CM-MP 197.00

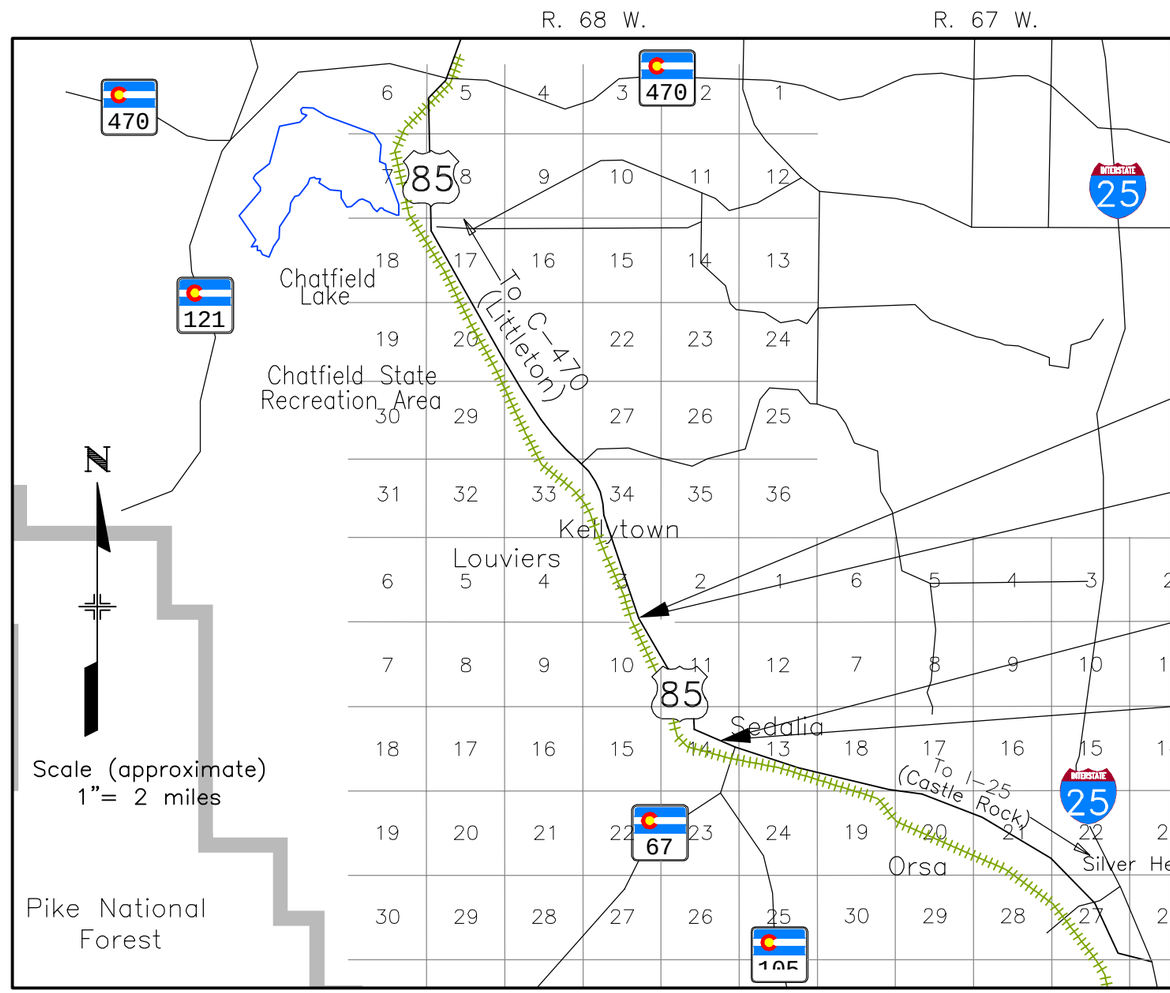
Date: February, 2005
Region 1
Project Code: 13429

FILING CERTIFICATION:
DEPOSITED THIS ___ DAY OF _____, 19___, AT ____M., FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE _____, RECEPTION NUMBER _____
SIGNED _____
DEPT. _____

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED

FEDERAL AID PROJECT NO. NH 0852-086 Phase IV
STATE HIGHWAY NO. US 85
DOUGLAS COUNTY
RIGHT OF WAY



INDEX OF SHEETS

Subsets	Sheet Nos.	
Title Sheet	1	(1)
Tabulation of Properties	2 - 2C	(4)
Survey Control Diagram	3 - 3N	(15)
Monumentation Sheets	4 - 4F	(7)
Plan Sheets	5 - 16	(12)
Ownership Sheets	17 - 20	(4)
Total Number of Sheets		(43)

SCALES OF ORIGINAL 11x17 DRAWINGS

PLAN SHEETS 1"=100'
OWNERSHIP MAP 1"=400'
R.O.W. LENGTH OF PROJECT = 1.3 Miles
Const. LENGTH OF PROJECT = 1.3 Miles

Beginning of Right of Way
Project NH 0852-086 Phase IV
Station: 454+86.02
M.P.: 192.1

Beginning of Construction
Project NH 0852-097
Project Code: 15139
M.P.: 192.1

End of Construction Project
NH 0852-097
Project Code: 15139
M.P.: 190.8

End of Right of Way Project
NH 0852-086 Phase IV
Station: 518+81.72
M.P.: 190.8

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED: _____ *DATE*

DIVISION ADMINISTRATOR

I:\PROJECTS\22237041_SH85_Sof_Tlan\Sedalia_North\6.0_Design\6.07_Right_of_Way\Plans\Titlesheet.dwg 3/4/2005 11:53:26 AM MST

CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
02/24/05	Revised Parcels 158 & 161	TWS

Sheet Revisions		
Date	Description	Initials

Prepared By: URS

URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

CREATION DATE: 12/1/2005 INITIALS: TWS
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DRAWING NAME & FULL PATH: SEE LEFT
SIDE OF SHEET
SCALE: As Shown UNITS: English

Right of Way Plans
TABULATION OF PROPERTIES

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Lauviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		1 of 4	2	43

R.O.W. TABULATION OF PROPERTIES IN DOUGLAS COUNTY S.H. NO. 85

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN SQUARE FEET (sf) / ACRES (ac)					BOOK-PAGE	REMARKS
				AREA OF PARCEL	EXISTING ROW	NET AREA	REMAINDER LEFT	REMAINDER RIGHT		
			T. 7 S., R. 68 W., 6th P.M.							
157	William D. Henry & Diane D. Henry	P.O. Box 365	Tract in SW 1/4 Sec. 11	162,328 sf		162,328 sf	718,181 sf			
	Commitment # 02378A2004	6490 W. Hwy. 85		3.73 ac		3.73 ac	16.49 ac			
	Site Address	Sedalia, CO. 80135								
		303-688-2332								
TE-157	(Same as above)	(Same as above)	(Same as above)	5,400 sf		5,400 sf	718,181 sf			Temporary Easement Acquired for Driveway
				0.12 ac		0.12 ac	16.49 ac			access reconstruction
AC-157	(Same as above)	(Same as above)	(Same as above)							
158 REV	Clayton S. Thomas	6222 N. U.S. Hwy 85	(Same as above)	53,122 sf		53,122 sf	822,887 sf			
	Commitment # 02377A2004	Sedalia, CO 80135		1.22 ac		1.22 ac	18.89 ac			
	Site Address	303-688-3821								
TE-158	(Same as above)	(Same as above)	(Same as above)	21,587 sf		21,587 sf	822,887 sf			Temporary Easement Acquired for Driveway
				0.50 ac		0.50 ac	18.89 ac			access reconstruction
AC-158	(Same as above)	(Same as above)	(Same as above)							
161 REV	Steven Blohm & Florence Blohm	6200 N. Hwy 85	Tract in the NW 1/4 Sec. 14	33,670 sf		33,670 sf	379,947 sf			
	Commitment # 02362A2004	Sedalia, CO. 80135		0.77 ac		0.77 ac	8.72 ac			
	Site Address	303-660-6245								
TE-161	(Same as above)	(Same as above)	(Same as above)	22,164 sf		22,164 sf	379,947 sf			Temporary Easement Acquired for Driveway
				0.51 ac		0.51 ac	8.72 ac			access reconstruction
AC-161	(Same as above)	(Same as above)	(Same as above)							

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COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
3/2/05	Revised TE-163, TE-164 & AC-164	BDL
4/25/05	Deleted PE-165	BDL
02/02/07	Name change on TE-162, TE-163 REV, and TE-165.	HLS

Sheet Revisions		
Date	Description	Initials

Prepared By: URS

URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

CREATION DATE: 12/1/2005 INITIALS: TWS
LAST MOD. DATE: 02/02/07 INITIALS: LS
DRAWING NAME & FULL PATH: SEE LEFT SIDE OF SHEET
SCALE: As Shown UNITS: English

Right of Way Plans
TABULATION OF PROPERTIES

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		2 of 4	2A	43

R.O.W. TABULATION OF PROPERTIES IN DOUGLAS COUNTY S.H. NO. 85

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN SQUARE FEET (sf) / ACRES (ac)					BOOK-PAGE	REMARKS
				AREA OF PARCEL	EXISTING ROW	NET AREA	REMAINDER LEFT	REMAINDER RIGHT		
			T. 7 S., R. 68 W., 6th P.M.							
162	Charles W. Smith & M. Eleanore Smith	P.O. Box 105	Tract in NW 1/4 of Sec.14	32,032 sf		32,032 sf	194,493 sf			
	Commitment # 02361A2004	6142 N. Hwy 85		0.74 ac		0.74 ac	4.46 ac			
	Not Site Address	Sedalia, CO 80135								
		303-688-4233								
TE-162	Sedalia Land Company, a Colorado	5970 N. Hwy 85	(Same as above)	367 sf		367 sf	194,493 sf			Temporary Easement Acquired for Driveway
	Corporation	Sedalia, CO 80135		0.01 ac		0.01 ac	4.46 ac			access reconstruction. TE-162 to be
										acquired from the new owner of the 162
AC-162	(Same as above)	(Same as above)	(Same as above)							ownership.
163	Edward J. Flynn & Elsie M. Flynn	6090 N. U.S. Hwy 85	(Same as above)	12,573 sf		12,573 sf	281,291 sf			
	Commitment # 02360A2004	Sedalia, CO. 80135		0.29 ac		0.29 ac	6.46 ac			
	Site Address	303-688-3566								
TE-163 REV	Sedalia Land Company, a Colorado	5970 N. Hwy 85	(Same as above)	3,374 sf		3,374 sf	281,291 sf			Temporary Easement Acquired for Driveway
	Corporation	Sedalia, CO 80135		0.08 ac		0.08 ac	6.46 ac			access reconstruction. TE-163 Rev to be
AC-163	(Same as above)	(Same as above)	(Same as above)							acquired from the new owner of the 163
										ownership.
164	Woodson Adair & Wilmina Adair	6046 N. Hwy 85	(Same as above)	65,028 sf		65,028 sf	154,202 sf			
	Commitment # 02359A2004	Sedalia, CO. 80135		1.49 ac		1.49 ac	3.54 ac			
		303-688-4555								
TE-164 REV	(Same as above)	(Same as above)	(Same as above)	16,491 sf		16,491 sf	154,202 sf			Temporary Easement Acquired for Driveway
				0.38 ac		0.38 ac	3.54 ac			access reconstruction
AC-164 REV	(Same as above)	(Same as above)	(Same as above)							
PE-165	Deleted									
TE-165	Mary Kathryn Griffin	5557 N. Hwy 85 PO Box	(Same as above)	2,004		2,004 sf		155,991 sf		Temporary Easement Acquired for Driveway
	Commitment # 02363A2004	284 Sedalia CO. 80135		0.05 ac		0.05		3.58 ac		access reconstruction

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COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
02/02/07	Name change on AC-165, and TE-165A.	HLS

Sheet Revisions		
Date	Description	Initials

Prepared By: URS

URS Corporation
8181 East Tufts Ave. Denver, CO 80237
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LAST MOD. DATE: 2/12/2007 INITIALS: SKV
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Right of Way Plans
TABULATION OF PROPERTIES

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Lauviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		3 of 4	2B	43

R.O.W. TABULATION OF PROPERTIES IN DOUGLAS COUNTY S.H. NO. 85

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN SQUARE FEET (sf) / ACRES (ac)					BOOK-PAGE	REMARKS
				AREA OF PARCEL	EXISTING ROW	NET AREA	REMAINDER LEFT	REMAINDER RIGHT		
			T. 7 S., R. 68 W., 6th P.M.							
TE-165A	Mary Kathryn Griffin	5557 N. Hwy 85 PO Box	Tract in NW 1/4 of Sec.14	360 sf		360 sf		155,991 sf		Temporary Easement Acquired for Driveway
	Commitment # 02363A2004	284 Sedalia CO. 80135		0.01 ac		0.01		3.58 ac		access reconstruction
AC-165	(Same as above)	(Same as above)	(Same as above)							
166	Sedalia Land Company	3773 Cherry Creek Drive	Tract in SE 1/4 of Sec.14	6,040 sf		6,040 sf		339,060 sf		
	Commitment # 02357A2004	North Suite 801		0.14 ac		0.14 ac		7.78 ac		
	Not site address	Denver, CO. 80209								
PE-166	(Same as above)	(Same as above)	Tract in NW 1/4 of Sec.14	600 sf		600 sf		339,060 sf		Permanent Easement Acquired for the
				0.01 ac		0.01 ac		7.78 ac		construction and maintenance of drainage
										facilities
TE-166	(Same as above)	(Same as above)	Tract in SW 1/4 of Sec.14	39,339 sf		39,339 sf		339,060 sf		Temporary Easement Acquired for Driveway
				0.90 ac		0.90 ac		7.78 ac		access reconstruction
AC-166	(Same as above)	(Same as above)	Tract in W 1/2 of Sec.14							
TE-167	John Delva & Marguerite Delva	6240 Meadowbrook Lane	Tract in NW 1/4 of Sec. 14	971 sf		971 sf	1,615,413 sf			Temporary Easement Acquired for Driveway
	Commitment # 02358A2004	Sedalia, CO. 80135		0.02 ac		0.02 ac	37.08 ac			access reconstruction
	Not site address	303-688-6342								
AC-167	(Same as above)	(Same as above)	Tract in North 1/2 & SE							
			1/4 of Sec. 14							
AC-167A	(Same as above)	(Same as above)	Tract in E 1/2 of Sec. 14							
TE-169	The Intermountain Rural Electric Association	5496 N. U. S. 85	(Same as above)	16,066 sf		16,066 sf	1,524,287 sf			Temporary Easement Acquired for Driveway
	Commitment # 01040A2003	Sedalia, CO. 80135		0.37 ac		0.37 ac	34.99 ac			access reconstruction
	Site address	303-688-3100								
AC-169	(Same as above)	(Same as above)	(Same as above)							

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COLORADO DEPARTMENT OF TRANSPORTATION

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Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials

Prepared By: URS

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Computer File Information

CREATION DATE: 12/1/2005 INITIALS: TWS
LAST MOD. DATE: 2/1/2005 INITIALS: TWS
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SCALE: As Shown UNITS: English

Right of Way Plans
TABULATION OF PROPERTIES

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Lauviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		4 of 4	2C	43

R.O.W. TABULATION OF PROPERTIES IN DOUGLAS COUNTY S.H. NO. 85

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN SQUARE FEET (sf) / ACRES (ac)					BOOK-PAGE	REMARKS
				AREA OF PARCEL	EXISTING ROW	NET AREA	REMAINDER LEFT	REMAINDER RIGHT		
			T. 7 S., R. 68 W., 6th P.M.							
PE-277A	The Burlington Northern & Santa Fe	2500 Lou Menk Drive	Tract in SW 1/4 Sec. 11	17,721 sf		17,721 sf				Permanent Easement acquired for the construction
	Railroad	P.O. Box 961055		0.41 ac		0.41 ac				and maintenance of retaining walls, roadway
	Not site address	Fort Worth, TX 76161								slopes, and drainage facilities.
	Ownership Report by H. C. Peck &									
	Associates, Inc.									
PE-277B	Same as above	Same as above	Tract in SE 1/4 Sec. 14	41,912 sf		41,912 sf				Permanent Easement acquired for the construction
				0.96 ac		0.96 ac				and maintenance of roadway slopes

FILING CERTIFICATION:
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#126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

Region 1
18500 East Colfax Avenue
Aurora, Colorado 80011
Phone: (303) 757-9744 FAX: (303) 757-9746

Survey Unit:

Sheet Revisions

mm/yy	XXXXX	XXX

US HIGHWAY 85 MP 187.00 to MP 200.00
SURVEY CONTROL DIAGRAM

Prepared By:
Mountain Surveying & Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, CO (303) 306-1858

Survey Control Diagram

Title Sheet

Project Number: IM-0252-317
Project Location: US HIGHWAY 85
Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	1 of 15	3	3 of 20

Typical Control Mounment Cap
Not to Scale

BASIS OF BEARINGS: Bearings used in the calculations of coordinates are based on a grid bearing of N 30°49'24" W from SH 85 CM-MP 196.80 and SH 85 CM-MP 197.00 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 NOAA Bench Mark K 23 1929, PID: KK0203 a standard Bench Mark Disk set on top of a concrete monument, with an NAVD 88 elevation of 5984.83. K 23 is a first order benchmark.

COORDINATE DATUM: Coordinates on this project are for the exlusive 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, Michael D. Heimbuck, 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).

Michael D. Heimbuck, PLS 17488

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 Contractors 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.

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CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

Region 1
18500 East Colfax Avenue
Aurora, Colorado 80011
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Survey Unit:

Sheet Revisions

mm/yy	XXXXX	XXX

US HIGHWAY 85 MP 187.00 to MP 200.00
SURVEY CONTROL DIAGRAM

Prepared By:
Mountain Surveying & Mapping, Inc.
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Survey Control Diagram

Title Sheet

Project Number: IM-0252-317

Project Location: US HIGHWAY 85

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	2 of 15	3A	3A of 20

GEODETIC COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELLIP. ELEV. (NAVD '88)m	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0502	
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)
US 85 CM-MP 187.10	39° 25' 33.79449" N	104° 54' 11.85438" W	1812.764	0° 22' 34.81300"	0.999951961	481775.025	965778.153
US 85 CM-MP 187.30	39° 25' 39.65960" N	104° 54' 21.04682" W	1812.710	0° 22' 29.01543"	0.999952122	481954.450	965557.122
US 85 CM-MP 187.45	39° 25' 42.70031" N	104° 54' 32.57190" W	1809.016	0° 22' 21.74668"	0.999952206	482046.421	965280.881
US 85 CM-MP 187.50	39° 25' 43.23901" N	104° 54' 35.24349" W	1808.781	0° 22' 20.06174"	0.999952221	482062.618	965216.881
US 85 CM-MP 187.60	39° 25' 43.97631" N	104° 54' 43.05578" W	1805.841	0° 22' 15.13461"	0.999952241	482084.143	965029.900
US 85 CM-MP 187.65	39° 25' 45.19733" N	104° 54' 44.12352" W	1807.419	0° 22' 14.46120"	0.999952275	482121.632	965004.121
US 85 CM-MP 187.80	39° 25' 46.56799" N	104° 54' 52.95371" W	1801.790	0° 22' 08.89209"	0.999952313	482162.536	964792.673
US 85 CM-MP 187.81	39° 25' 48.32492" N	104° 54' 57.66287" W	1801.257	0° 22' 05.92207"	0.999952362	482215.992	964679.705
US 85 CM-MP 187.95	39° 25' 49.56915" N	104° 55' 03.23604" W	1802.028	0° 22' 02.40713"	0.999952397	482253.505	964546.177
US 85 CM-MP 188.10	39° 25' 49.62574" N	104° 55' 13.74919" W	1799.748	0° 21' 55.77660"	0.999952398	482253.643	964294.747
US 85 CM-MP 188.25	39° 25' 50.25597" N	104° 55' 24.81182" W	1796.134	0° 21' 48.79951"	0.999952416	482271.394	964030.063
US 85 CM-MP 188.30	39° 25' 51.30250" N	104° 55' 27.31446" W	1795.955	0° 21' 47.22113"	0.999952445	482303.287	963970.008
US 85 CM-MP 188.40	39° 25' 55.09018" N	104° 55' 43.30224" W	1791.173	0° 21' 37.13780"	0.999952551	482417.677	963586.932
US 85 CM-MP 188.45	39° 25' 53.22128" N	104° 55' 37.78461" W	1793.316	0° 21' 40.61771"	0.999952498	482360.876	963719.245
US 85 CM-MP 188.70	39° 25' 57.44425" N	104° 55' 51.36951" W	1789.067	0° 21' 32.04986"	0.999952616	482489.061	963393.554
US 85 CM-MP 188.75	39° 25' 57.07655" N	104° 55' 54.67371" W	1787.625	0° 21' 29.96593"	0.999952606	482477.228	963314.608
US 85 CM-MP 188.85	39° 25' 58.45870" N	104° 56' 03.66467" W	1787.449	0° 21' 24.29543"	0.999952645	482518.508	963099.332
US 85 CM-MP 189.00	39° 26' 01.65585" N	104° 56' 11.94574" W	1783.976	0° 21' 19.07264"	0.999952735	482615.871	962900.687
US 85 CM-MP 189.05	39° 25' 59.39477" N	104° 56' 07.43625" W	1786.481	0° 21' 21.91673"	0.999952671	482546.814	963008.959
US 85 CM-MP 189.21	39° 26' 04.73907" N	104° 56' 28.21324" W	1780.133	0° 21' 08.81290"	0.999952821	482708.549	962511.087
US 85 CM-MP 189.35	39° 26' 05.43696" N	104° 56' 39.57808" W	1778.769	0° 21' 01.64521"	0.999952841	482728.403	962239.183
US 85 CM-MP 189.50	39° 26' 05.89061" N	104° 56' 47.73673" W	1777.257	0° 20' 56.49964"	0.999952854	482741.202	962043.997
US 85 CM-MP 189.61	39° 26' 07.48980" N	104° 56' 52.99263" W	1775.177	0° 20' 53.18479"	0.999952899	482789.753	961918.011
US 85 CM-MP 189.81	39° 26' 09.90176" N	104° 57' 04.41626" W	1769.932	0° 20' 45.98003"	0.999952967	482862.478	961644.387
US 85 CM-MP 190.01	39° 26' 13.56654" N	104° 57' 16.47036" W	1765.633	0° 20' 38.37764"	0.999953071	482973.757	961355.460
US 85 CM-MP 190.30	39° 26' 17.38316" N	104° 57' 32.71280" W	1772.712	0° 20' 28.13370"	0.999953180	483089.131	960966.360
US 85 CM-MP 190.40	39° 26' 20.25747" N	104° 57' 40.97474" W	1771.891	0° 20' 22.92298"	0.999953262	483176.595	960768.274
US 85 CM-MP 190.61	39° 26' 24.55798" N	104° 57' 57.72461" W	1766.418	0° 20' 12.35901"	0.999953385	483306.850	960366.972
US 85 CM-MP 190.80	39° 26' 26.68198" N	104° 58' 06.46446" W	1765.169	0° 20' 06.84688"	0.999953445	483371.124	960157.605
US 85 CM-MP 191.00	39° 26' 31.59166" N	104° 58' 14.87401" W	1772.228	0° 20' 01.54307"	0.999953587	483521.355	959955.639
US 85 CM-MP 191.20	39° 26' 38.00743" N	104° 58' 22.43263" W	1764.503	0° 19' 56.77593"	0.999953772	483718.154	959773.758
US 85 CM-MP 191.31	39° 26' 46.08496" N	104° 58' 26.18148" W	1755.330	0° 19' 54.41157"	0.999954007	483966.730	959682.679
US 85 CM-MP 191.50	39° 26' 57.22113" N	104° 58' 30.54276" W	1751.940	0° 19' 51.66095"	0.999954333	484309.545	959576.419
US 85 CM-MP 191.70	39° 27' 04.64948" N	104° 58' 36.01224" W	1752.159	0° 19' 48.21141"	0.999954552	484537.867	959444.332
US 85 CM-MP 191.80	39° 27' 09.97876" N	104° 58' 41.75442" W	1747.340	0° 19' 44.58988"	0.999954710	484701.422	959306.105
US 85 CM-MP 191.95	39° 27' 15.58965" N	104° 58' 46.35141" W	1743.344	0° 19' 41.69060"	0.999954877	484873.821	959195.212
US 85 CM-MP 192.10	39° 27' 20.90276" N	104° 58' 53.01866" W	1741.947	0° 19' 37.48563"	0.999955036	485036.756	959034.885
US 85 CM-MP 192.20	39° 27' 27.57148" N	104° 58' 57.91785" W	1741.867	0° 19' 34.39576"	0.999955237	485241.739	958916.592
US 85 CM-MP 192.30	39° 27' 33.59556" N	104° 59' 03.60931" W	1739.635	0° 19' 30.80623"	0.999955419	485426.738	958779.480
US 85 CM-MP 192.60	39° 27' 43.42015" N	104° 59' 07.79333" W	1738.934	0° 19' 28.16741"	0.999955717	485729.143	958677.745
US 85 CM-MP 192.70	39° 27' 51.75474" N	104° 59' 12.70535" W	1735.686	0° 19' 25.06945"	0.999955972	485985.503	958558.875
US 85 CM-MP 192.91	39° 27' 59.26878" N	104° 59' 14.20133" W	1730.227	0° 19' 24.12595"	0.999956204	486217.021	958521.808
US 85 CM-MP 193.10	39° 28' 09.39637" N	104° 59' 17.84733" W	1728.433	0° 19' 21.82645"	0.999956517	486528.847	958432.900
US 85 CM-MP 193.31	39° 28' 19.89742" N	104° 59' 20.52698" W	1723.221	0° 19' 20.13643"	0.999956846	486852.321	958367.030
US 85 CM-MP 193.50	39° 28' 28.19870" N	104° 59' 26.41376" W	1722.001	0° 19' 16.42370"	0.999957107	487107.529	958224.897
US 85 CM-MP 193.70	39° 28' 37.59400" N	104° 59' 29.92434" W	1718.499	0° 19' 14.20961"	0.999957404	487396.795	958139.373
US 85 CM-MP 193.81	39° 28' 43.67723" N	104° 59' 32.80303" W	1716.327	0° 19' 12.39405"	0.999957598	487584.007	958069.527
US 85 CM-MP 194.01	39° 28' 53.56888" N	104° 59' 37.19872" W	1713.220	0° 19' 09.62173"	0.999957915	487888.463	957962.776
US 85 CM-MP 194.14	39° 29' 02.37832" N	104° 59' 41.80406" W	1707.260	0° 19' 06.71719"	0.999958199	488159.520	957851.209

PROJECT COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA)

POINT NAME	PROJECT COORDINATES		ELEV(Ft.)	DESCRIPTION
	NORTH (Ft.)	EAST (Ft.)		
US 85 CM-MP 187.10	924939.02	1857190.30	6002.24	FOUND CDOT TYPE II
US 85 CM-MP 187.30	925527.87	1856464.92	6002.04	FOUND CDOT TYPE II
US 85 CM-MP 187.45	925829.70	1855558.34	5989.92	FOUND CDOT TYPE II
US 85 CM-MP 187.50	925882.86	1855348.30	5989.14	FOUND CDOT TYPE II
US 85 CM-MP 187.60	925953.50	1854734.66	5979.48	FOUND CDOT TYPE II
US 85 CM-MP 187.65	926076.53	1854650.06	5984.69	FOUND CDOT TYPE II
US 85 CM-MP 187.80	926210.77	1853956.12	5966.18	FOUND CDOT TYPE II
US 85 CM-MP 187.81	926386.20	1853585.38	5964.44	FOUND CDOT TYPE II
US 85 CM-MP 187.95	926509.31	1853147.16	5966.95	FOUND CDOT TYPE II
US 85 CM-MP 188.10	926509.77	1852322.01	5959.46	FOUND CDOT TYPE II
US 85 CM-MP 188.25	926568.02	1851453.36	5947.57	FOUND CDOT TYPE II
US 85 CM-MP 188.30	926672.69	1851256.27	5946.98	FOUND CDOT TYPE II
US 85 CM-MP 188.40	927048.10	1849999.08	5931.24	FOUND CDOT TYPE II
US 85 CM-MP 188.45	926861.69	1850433.31	5938.29	FOUND CDOT TYPE II
US 85 CM-MP 188.70	927282.37	1849364.45	5924.32	FOUND CDOT TYPE II
US 85 CM-MP 188.75	927243.54	1849105.36	5919.58	FOUND CDOT TYPE II
US 85 CM-MP 188.85	927379.01	1848398.86	5919.00	FOUND CDOT TYPE II
US 85 CM-MP 189.00	927698.54	1847746.94	5907.56	FOUND CDOT TYPE II
US 85 CM-MP 189.05	927471.90	1848102.27	5915.81	FOUND CDOT TYPE II
US 85 CM-MP 189.21	928002.69	1846468.33	5894.88	SET CDOT TYPE II
US 85 CM-MP 189.35	928067.85	1845575.99	5890.38	SET CDOT TYPE II
US 85 CM-MP 189.50	928109.85	1844935.42	5885.40	FOUND DC GIS MON. 2.030063
US 85 CM-MP 189.61	928269.19	1844521.96	5878.56	SET CDOT TYPE II
US 85 CM-MP 189.81	928507.86	1843623.97	5861.31	SET CDOT TYPE II
US 85 CM-MP 190.01	928873.06	1842675.76	5847.17	SET CDOT TYPE II
US 85 CM-MP 190.30	929251.70	1841398.80	5870.35	FOUND CDOT TYPE II
US 85 CM-MP 190.40	929538.74	1840748.71	5867.66	FOUND CDOT TYPE II
US 85 CM-MP 190.61	929966.21	1839431.70	5849.63	SET CDOT TYPE II
US 85 CM-MP 190.80	930177.15	1838744.60	5845.50	FOUND CDOT TYPE II
US 85 CM-MP 191.00	930670.19	1838081.78	5868.62	FOUND 3"ALUM. CAP-C1/4 SEC 14
US 85 CM-MP 191.20	931316.05	1837484.87	5843.27	FOUND CDOT TYPE II
US 85 CM-MP 191.31	932131.83	1837185.97	5813.17	SET CDOT TYPE II
US 85 CM-MP 191.50	933256.89	1836837.24	5802.03	SET CDOT TYPE II
US 85 CM-MP 191.70	934006.21	1836403.75	5802.73	FOUND CDOT TYPE II
US 85 CM-MP 191.80	934542.97	1835950.12	5786.91	FOUND CDOT TYPE II
US 85 CM-MP 191.95	935108.76	1835586.18	5773.77	SET CDOT TYPE II
US 85 CM-MP 192.10	935643.48	1835060.01	5769.18	FOUND CDOT TYPE II
US 85 CM-MP 192.20	936316.20	1834671.80	5768.90	FOUND CDOT TYPE II
US 85 CM-MP 192.30	936923.34	1834221.82	5761.59	FOUND CDOT TYPE II
US 85 CM-MP 192.60	937915.78	1833887.94	5759.29	FOUND CDOT TYPE II
US 85 CM-MP 192.70	938757.11	1833497.83	5748.61	FOUND CDOT TYPE II
US 85 CM-MP 192.91	939516.92	1833376.18	5730.71	SET CDOT TYPE II
US 85 CM-MP 193.10	940540.28	1833084.40	5724.85	FOUND CDOT TYPE II
US 85 CM-MP 193.31	941601.87	1832868.23	5707.73	SET CDOT TYPE II
US 85 CM-MP 193.50	942439.41	1832401.77	5703.73	FOUND CDOT TYPE II
US 85 CM-MP 193.70	943388.74	1832121.09	5692.28	FOUND CDOT TYPE II
US 85 CM-MP 193.81	944003.14	1831891.87	5685.16	FOUND CDOT TYPE II
US 85 CM-MP 194.01	945002.31	1831541.53	5674.85	FOUND CDOT TYPE II
US 85 CM-MP 194.14	945891.87	1831175.39	5655.39	SET CDOT TYPE II

PROJECT COORDINATES

To calculate project coordinates the adjusted latitude and longitude from the horizontal network adjustment were expressed as Colorado State Plane Central Zone Coordinate values in meters. The state plane values were raised to a tangent plane to approximate the earth surface. The state plane coordinates were raised by a combined factor that was calculated on a previous project (STA 0852-082 sub account 12319). The combined factor is 0.9996950692. The resulting northings were reduced by 200,000 meters and the resulting eastings were reduced by 400,000 meters. Finally the coordinates were converted to U.S. Survey foot (3937/1200).

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CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

DOT
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Survey Unit:

Sheet Revisions

mm/yy	XXXXX	XXX

US HIGHWAY 85 MP 187.00 to MP 200.00
SURVEY CONTROL DIAGRAM

Prepared By:
Mountain Surveying & Mapping, Inc.
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Survey Control Diagram

Title Sheet

Project Number: IM-0252-317

Project Location: US HIGHWAY 85

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	3 of 15	3B	3B of 20

GEODETIC COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA)

POINT NAME	GEODETIC COORDINATES NAD-83(92) (CHARN)		ELLIP. ELEV. (NAVD '88)m	MAPPING ANGLE	SCALE	NAD 83(92) ZONE 0502	
	LATITUDE(N)	LONGITUDE(W)				NORTHING (m)	EASTING (m)
US 85 CM-MP 194.26	39° 29' 13.67129" N	104° 59' 45.24733" W	1711.067	0° 19' 04.54556"	0.999958566	488507.320	957766.994
US 85 CM-MP 194.40	39° 29' 18.22649" N	104° 59' 47.37972" W	1711.022	0° 19' 03.20067"	0.999958715	488647.513	957715.260
US 85 CM-MP 194.54	39° 29' 22.42586" N	104° 59' 51.59147" W	1710.370	0° 19' 00.54437"	0.999958853	488776.459	957613.903
US 85 CM-MP 194.70	39° 29' 28.58113" N	104° 59' 57.83317" W	1712.850	0° 18' 56.60779"	0.999959055	488965.455	957463.713
US 85 CM-MP 194.90	39° 29' 36.85336" N	105° 00' 07.26951" W	1711.349	0° 18' 50.65639"	0.999959329	489219.318	957236.840
US 85 CM-MP 195.10	39° 29' 48.49345" N	105° 00' 15.54667" W	1710.107	0° 18' 45.43608"	0.999959717	489577.201	957037.111
US 85 CM-MP 195.25	39° 29' 54.02727" N	105° 00' 22.03397" W	1712.506	0° 18' 41.34460"	0.999959902	489747.011	956881.186
US 85 CM-MP 195.45	39° 29' 56.96825" N	105° 00' 29.27830" W	1708.536	0° 18' 36.77568"	0.999960001	489836.768	956707.615
US 85 CM-MP 195.65	39° 30' 01.70805" N	105° 00' 34.60145" W	1705.954	0° 18' 33.41842"	0.999960161	489982.249	956579.647
US 85 CM-MP 195.77	39° 30' 06.53779" N	105° 00' 37.46091" W	1704.978	0° 18' 31.61499"	0.999960324	490130.823	956510.529
US 85 CM-MP 195.85	39° 30' 12.97860" N	105° 00' 43.15771" W	1701.169	0° 18' 28.02208"	0.999960543	490328.717	956373.361
US 85 CM-MP 196.00	39° 30' 21.31123" N	105° 00' 49.59702" W	1698.558	0° 18' 23.96088"	0.999960827	490584.859	956218.150
US 85 CM-MP 196.05	39° 30' 25.88326" N	105° 01' 26.20840" W	1675.055	0° 18' 00.87046"	0.999960984	490721.222	955342.790
US 85 CM-MP 196.10	39° 30' 27.14355" N	105° 00' 54.63558" W	1699.092	0° 18' 20.78311"	0.999961027	490764.077	956096.822
US 85 CM-MP 196.20	39° 30' 35.04924" N	105° 01' 02.59001" W	1695.149	0° 18' 15.76633"	0.999961299	491006.866	955905.506
US 85 CM-MP 196.50	39° 30' 44.09475" N	105° 01' 11.32845" W	1686.643	0° 18' 10.25509"	0.999961613	491284.712	955695.287
US 85 CM-MP 197.00	39° 31' 05.28179" N	105° 01' 28.43905" W	1683.188	0° 17' 59.46362"	0.999962355	491935.945	955283.144
US 85 CM-MP 197.10	39° 31' 08.58683" N	105° 01' 30.69941" W	1682.432	0° 17' 58.03803"	0.999962471	492037.586	955228.622
US 85 CM-MP 197.20	39° 31' 16.36183" N	105° 01' 34.16403" W	1681.244	0° 17' 55.85293"	0.999962747	492276.925	955144.620
US 85 CM-MP 197.41	39° 31' 25.20968" N	105° 01' 39.94353" W	1679.867	0° 17' 52.20786"	0.999963062	492549.064	955005.163
US 85 CM-MP 197.60	39° 31' 34.30029" N	105° 01' 45.69922" W	1675.881	0° 17' 48.57781"	0.999963388	492828.695	954866.245
US 85 CM-MP 197.75	39° 31' 41.21280" N	105° 01' 50.13913" W	1677.286	0° 17' 45.77760"	0.999963637	493041.321	954759.108
US 85 CM-MP 197.90	39° 31' 48.10868" N	105° 01' 56.25187" W	1679.696	0° 17' 41.92236"	0.999963886	493253.229	954612.030
US 85 CM-MP 198.09	39° 31' 56.96180" N	105° 02' 02.75430" W	1677.964	0° 17' 37.82135"	0.999964208	493525.452	954455.344
US 85 CM-MP 198.30	39° 32' 07.97825" N	105° 02' 08.56023" W	1681.406	0° 17' 34.15961"	0.999964611	493864.478	954314.961
US 85 CM-MP 198.45	39° 32' 13.02463" N	105° 02' 11.50167" W	1684.268	0° 17' 32.30448"	0.999964797	494019.745	954243.927
US 85 CM-MP 198.60	39° 32' 19.73305" N	105° 02' 11.75435" W	1686.597	0° 17' 32.14512"	0.999965045	494226.595	954236.838
US 85 CM-MP 198.70	39° 32' 26.31472" N	105° 02' 10.12277" W	1685.917	0° 17' 33.17413"	0.999965289	494429.766	954274.761
US 85 CM-MP 198.90	39° 32' 36.91844" N	105° 02' 11.83305" W	1677.521	0° 17' 32.09548"	0.999965684	494756.566	954232.256
US 85 CM-MP 199.05	39° 32' 45.03338" N	105° 02' 10.52610" W	1678.057	0° 17' 32.91975"	0.999965989	495006.983	954262.184
US 85 CM-MP 199.20	39° 32' 52.58696" N	105° 02' 12.01265" W	1681.240	0° 17' 31.98220"	0.999966274	495239.747	954225.503
US 85 CM-MP 199.25	39° 32' 57.15359" N	105° 02' 10.68761" W	1679.850	0° 17' 32.81789"	0.999966446	495380.739	954256.420
US 85 CM-MP 199.30	39° 33' 02.97314" N	105° 02' 12.26644" W	1676.740	0° 17' 31.82214"	0.999966667	495560.017	954217.810
US 85 CM-MP 199.50	39° 33' 12.04745" N	105° 02' 10.92536" W	1668.138	0° 17' 32.66795"	0.999967013	495840.024	954248.399
US 85 CM-MP 199.70	39° 33' 21.56469" N	105° 02' 10.76192" W	1650.601	0° 17' 32.77103"	0.999967378	496133.548	954250.803
US 85 CM-MP 199.85	39° 33' 26.51166" N	105° 02' 10.97691" W	1643.909	0° 17' 32.63544"	0.999967569	496286.082	954244.892
US 85 CM-MP 200.00	39° 33' 36.70227" N	105° 02' 12.39040" W	1636.363	0° 17' 31.74396"	0.999967963	496600.181	954209.547
US 85 CM-MP 200.10	39° 33' 41.15762" N	105° 02' 10.43123" W	1634.713	0° 17' 32.97959"	0.999968137	496737.819	954255.613
US 85 CM-MP 200.20	39° 33' 45.23440" N	105° 02' 04.99486" W	1630.211	0° 17' 36.40825"	0.999968296	496864.207	954384.738
NOAA BM A397 1993	39° 25' 58.52787" N	104° 56' 02.94654" W	1787.508	0° 21' 24.74835"	0.999952647	482520.749	963116.492
NOAA BM B397 1993	39° 26' 15.98753" N	104° 57' 24.44713" W	1767.913	0° 20' 33.34677"	0.999953140	483047.272	961164.268
NOAA BM C397 1993	39° 26' 31.16006" N	104° 58' 21.87242" W	1756.850	0° 19' 57.12925"	0.999953574	483507.072	959788.378
NOAA BM D397 1993	39° 28' 24.67650" N	104° 59' 36.43620" W	1715.307	0° 19' 10.10265"	0.999956996	486997.571	957985.967
NOAA BM E397 1993	39° 29' 10.69171" N	104° 59' 59.51720" W	1702.371	0° 18' 55.54568"	0.999958469	488413.550	957426.511
NOAA BM J305 1993	39° 30' 26.60898" N	105° 02' 35.04570" W	1708.027	0° 17' 17.45551"	0.999961009	490735.158	953698.230
NOAA BM K23 1929	39° 25' 41.15066" N	104° 54' 30.69573" W	1807.470	0° 22' 22.92996"	0.999952163	481998.926	965326.062
NOAA BM K393 1993	39° 32' 40.65843" N	105° 02' 36.61002" W	1662.961	0° 17' 16.46890"	0.999965824	494868.909	953640.087
NOAA BM L393 1993	39° 31' 52.11738" N	105° 02' 03.94955" W	1665.363	0° 17' 37.06751"	0.999964032	493375.909	954427.567
NOAA BM L401 1993	39° 30' 26.10315" N	105° 03' 15.38138" W	1685.663	0° 16' 52.01622"	0.999960991	490714.772	952734.734
NOAA BM M393 1993	39° 30' 25.91259" N	105° 01' 14.72017" W	1678.410	0° 18' 08.11597"	0.999960985	490723.570	955617.227
NOAA BM Q23 1929	39° 34' 36.44068" N	105° 01' 36.49178" W	1627.830	0° 17' 54.38484"	0.999970325	498446.887	955056.884

PROJECT COORDINATE SUMMARY TABLE (ADJUSTED FIELD DATA)

POINT NAME	PROJECT COORDINATES		ELEV(Ft.)	DESCRIPTION
	NORTH (Ft.)	EAST (Ft.)		
US 85 CM-MP 194.26	947033.30	1830899.01	5667.88	SET CDOT TYPE II
US 85 CM-MP 194.40	947493.39	1830729.23	5667.73	SET CDOT TYPE II
US 85 CM-MP 194.54	947916.56	1830396.59	5665.59	SET CDOT TYPE II
US 85 CM-MP 194.70	948536.82	1829903.69	5673.72	FOUND CDOT TYPE II
US 85 CM-MP 194.90	949369.96	1829159.13	5668.76	FOUND CDOT TYPE II
US 85 CM-MP 195.10	950544.47	1828503.65	5664.67	FOUND CDOT TYPE II
US 85 CM-MP 195.25	951101.76	1827991.94	5672.52	SET CDOT TYPE II
US 85 CM-MP 195.45	951396.33	1827422.30	5659.49	SET CDOT TYPE II
US 85 CM-MP 195.65	951873.77	1827002.34	5651.02	FOUND CDOT TYPE II
US 85 CM-MP 195.77	952361.37	1826775.50	5647.74	SET CDOT TYPE II
US 85 CM-MP 195.85	953010.82	1826325.34	5635.25	FOUND CDOT TYPE II
US 85 CM-MP 196.00	953851.44	1825815.96	5626.69	FOUND CDOT TYPE II
US 85 CM-MP 196.05	954298.96	1822943.17	5549.42	FOUND CDOT TYPE II
US 85 CM-MP 196.10	954439.60	1825417.78	5628.43	FOUND CDOT TYPE II
US 85 CM-MP 196.20	955236.39	1824789.91	5615.45	FOUND CDOT TYPE II
US 85 CM-MP 196.50	956148.24	1824100.01	5587.50	FOUND CDOT TYPE II
US 85 CM-MP 196.80	957127.43	1823438.47	5582.03	FOUND CDOT TYPE II
US 85 CM-MP 197.00	958285.48	1822747.43	5576.09	FOUND CDOT TYPE II
US 85 CM-MP 197.10	958619.04	1822568.49	5573.62	FOUND CDOT TYPE II
US 85 CM-MP 197.20	959404.52	1822292.81	5569.70	SET CDOT TYPE II
US 85 CM-MP 197.41	960297.63	1821835.14	5565.16	SET CDOT TYPE II
US 85 CM-MP 197.60	961215.33	1821379.23	5552.09	FOUND CDOT TYPE II
US 85 CM-MP 197.75	961913.14	1821027.63	5556.67	SET CDOT TYPE II
US 85 CM-MP 197.90	962608.58	1820544.94	5564.57	FOUND CDOT TYPE II
US 85 CM-MP 198.09	963501.97	1820030.73	5558.89	SET CDOT TYPE II
US 85 CM-MP 198.30	964614.60	1819570.01	5570.17	FOUND CDOT TYPE II
US 85 CM-MP 198.45	965124.16	1819336.89	5579.57	SET CDOT TYPE II
US 85 CM-MP 198.60	965803.01	1819313.62	5587.22	SET CDOT TYPE II
US 85 CM-MP 198.70	966469.78	1819438.08	5585.03	FOUND CDOT TYPE II
US 85 CM-MP 198.90	967542.29	1819298.58	5557.48	FOUND CDOT TYPE II
US 85 CM-MP 199.05	968364.11	1819396.80	5559.27	SET CDOT TYPE II
US 85 CM-MP 199.20	969128.01	1819276.42	5569.72	FOUND CDOT TYPE II
US 85 CM-MP 199.25	969590.72	1819377.89	5565.22	SET CDOT TYPE II
US 85 CM-MP 199.30	970179.08	1819251.18	5555.01	FOUND CDOH ROW MARKER
US 85 CM-MP 199.50	971098.02	1819351.56	5526.75	SET CDOT TYPE II
US 85 CM-MP 199.70	972061.31	1819359.45	5469.27	FOUND CDOT TYPE II
US 85 CM-MP 199.85	972561.90	1819340.05	5447.32	SET CDOT TYPE II
US 85 CM-MP 200.00	973592.72	1819224.06	5422.53	FOUND CDOT TYPE II
US 85 CM-MP 200.10	974044.43	1819375.24	5417.16	SET CDOT TYPE II
US 85 CM-MP 200.20	974459.21	1819799.01	5402.46	FOUND 3" BRASS CAP-CORP OF ENG.
NOAA BM A397 1993	927386.36	1848455.17	5919.21	FOUND NOAA BM A397 1993
NOAA BM B397 1993	929114.32	1842048.30	5854.66	FOUND DEEP ROD MONUMENT
NOAA BM C397 1993	930623.31	1837532.86	5818.21	FOUND DEEP ROD MONUMENT
NOAA BM D397 1993	942078.55	1831617.64	5681.79	FOUND DEEP ROD MONUMENT
NOAA BM E397 1993	946725.56	1829781.60	5639.20	FOUND DEEP ROD MONUMENT
NOAA BM K23 1929	925673.83	1855706.61	5984.83	FOUND BRASS DISK IN CONC.
NOAA BM K393 1993	967910.98	1817355.19	5509.76	FOUND DEEP ROD MONUMENT
NOAA BM L393 1993	963011.20	1819939.56	5517.87	FOUND DEEP ROD MONUMENT
NOAA BM M393 1993	954306.66	1823843.83	5560.79	FOUND DEEP ROD MONUMENT

PROJECT COORDINATES

To calculate project coordinates the adjusted latitude and longitude from the horizontal network adjustment were expressed as Colorado State Plane Central Zone Coordinate values in meters. The state plane values were raised to a tangent plane to approximate the earth surface. The state plane coordinates were raised by a combined factor that was calculated on a previous project (STA 0852-082 sub account 12319). The combined factor is 0.9996950692. The resulting northings were reduced by 200,000 meters and the resulting eastings were reduced by 400,000 meters. Finally the coordinates were converted to U.S. Survey foot (3937/1200).

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Region 1
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Aurora, Colorado 80011
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Survey Unit:

Sheet Revisions

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US HIGHWAY 85 MP 187.00 to MP 200.00
SURVEY CONTROL DIAGRAM

Prepared By:
Mountain Surveying & Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, CO (303) 306-1858

N

0 100 200 300 400 500
1" = 400'

Survey Control Diagram

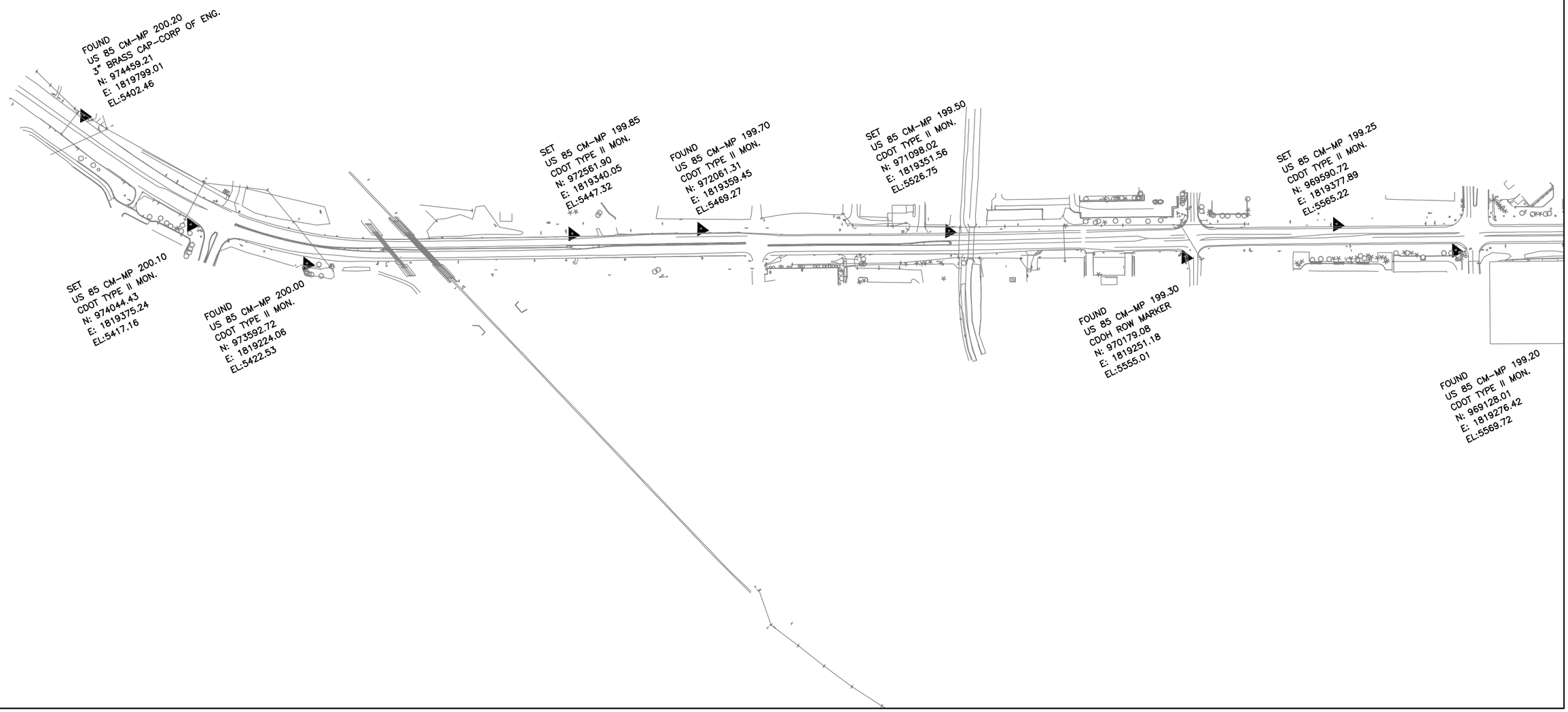
Plan Sheet

Project Number: IM-0252-317

Project Location: US HIGHWAY 85

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	4 of 15	3C	3C of 20



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Project Number: IM-0252-317
Project Location: US HIGHWAY 85
Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
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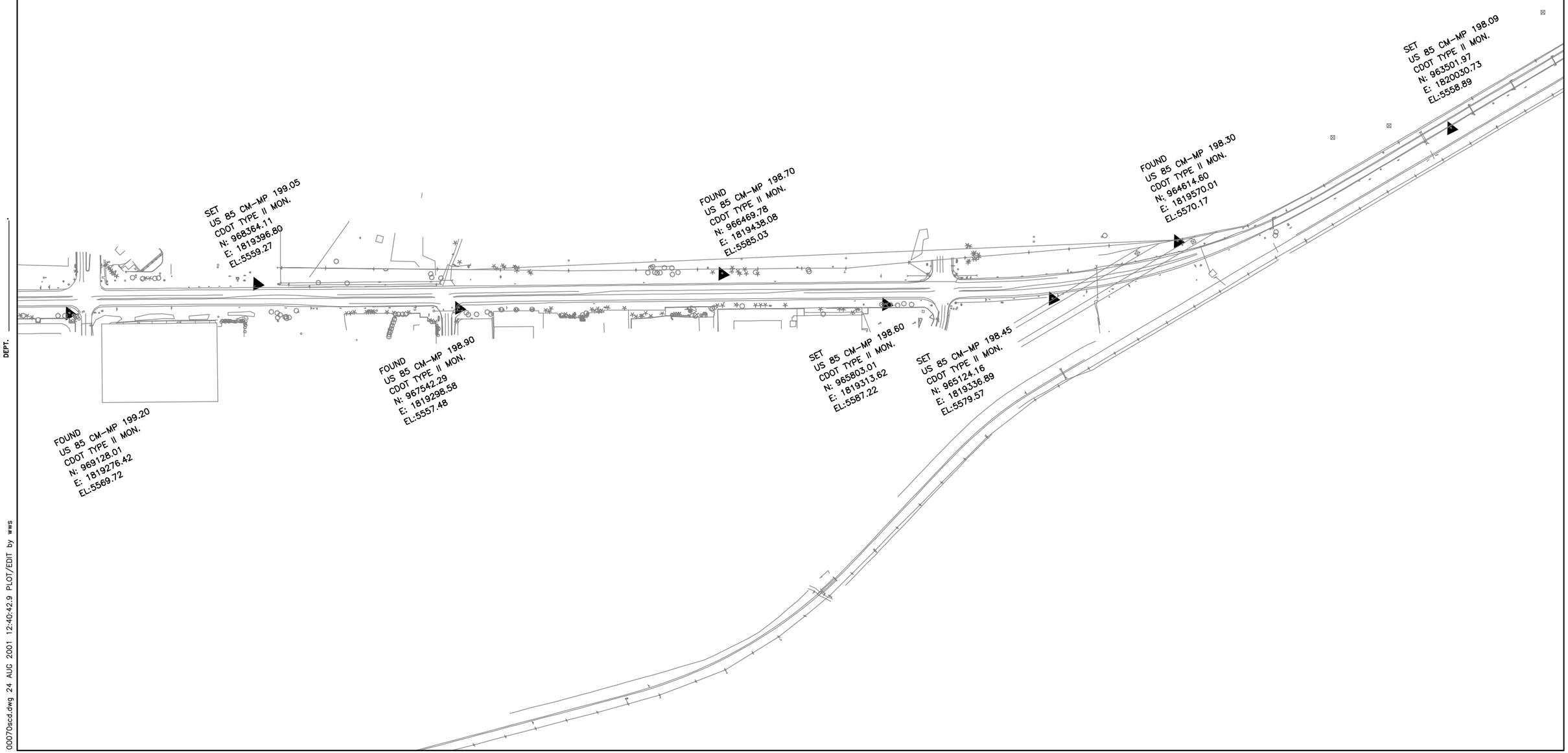

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Survey Control Diagram

Plan Sheet

Project Number: IM-0252-317

Project Location: US HIGHWAY 85

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	6 of 15	3E	3E of 20

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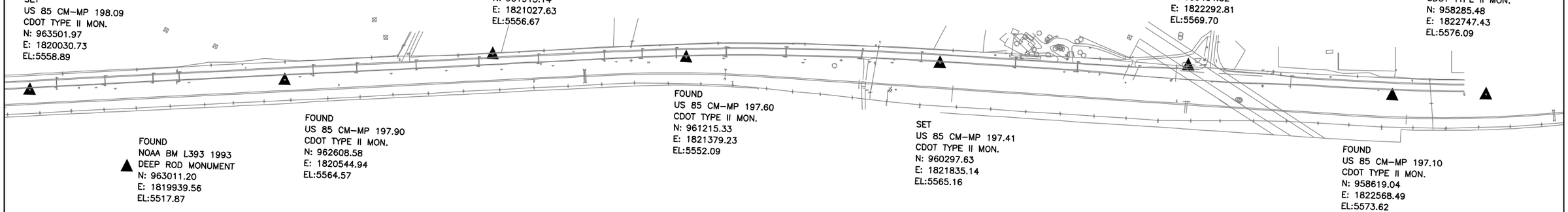

AREA PREVIOUSLY SURVEYED IN PROJECT: STA-0852-082 →

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Survey Control Diagram
Plan Sheet

Project Number: IM-0252-317
Project Location: US HIGHWAY 85
Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
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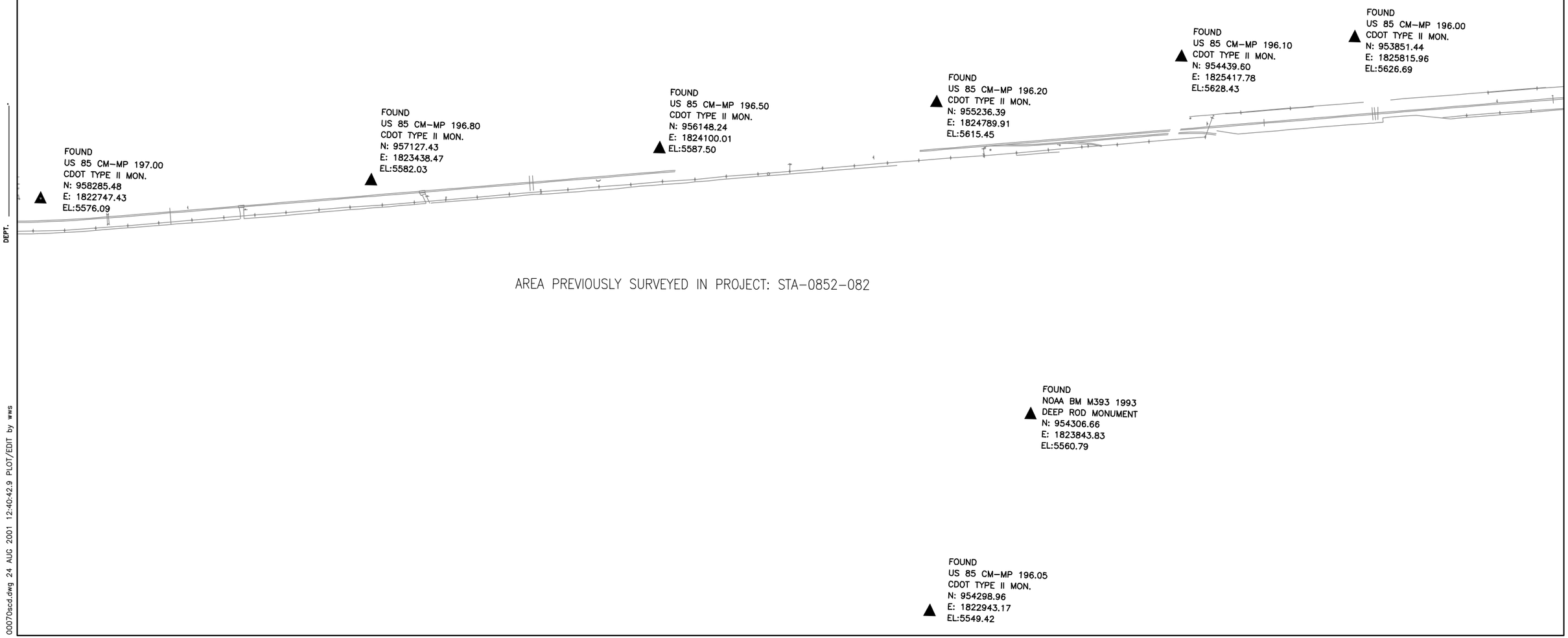

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0 100 200 300 400 500
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Survey Control Diagram

Plan Sheet

Project Number: IM-0252-317
Project Location: US HIGHWAY 85
Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
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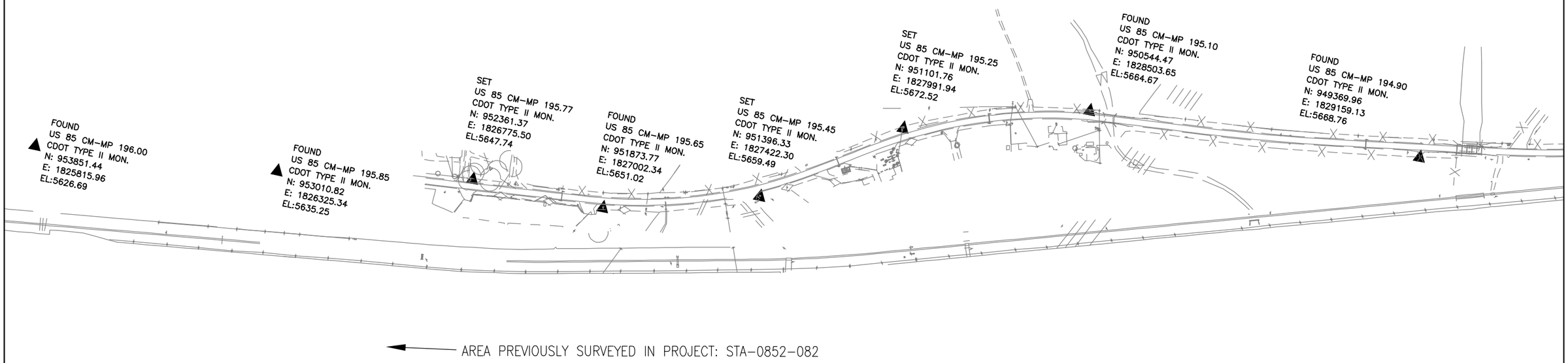

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Survey Control Diagram
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Project Number: IM-0252-317
Project Location: US HIGHWAY 85
Project Location:

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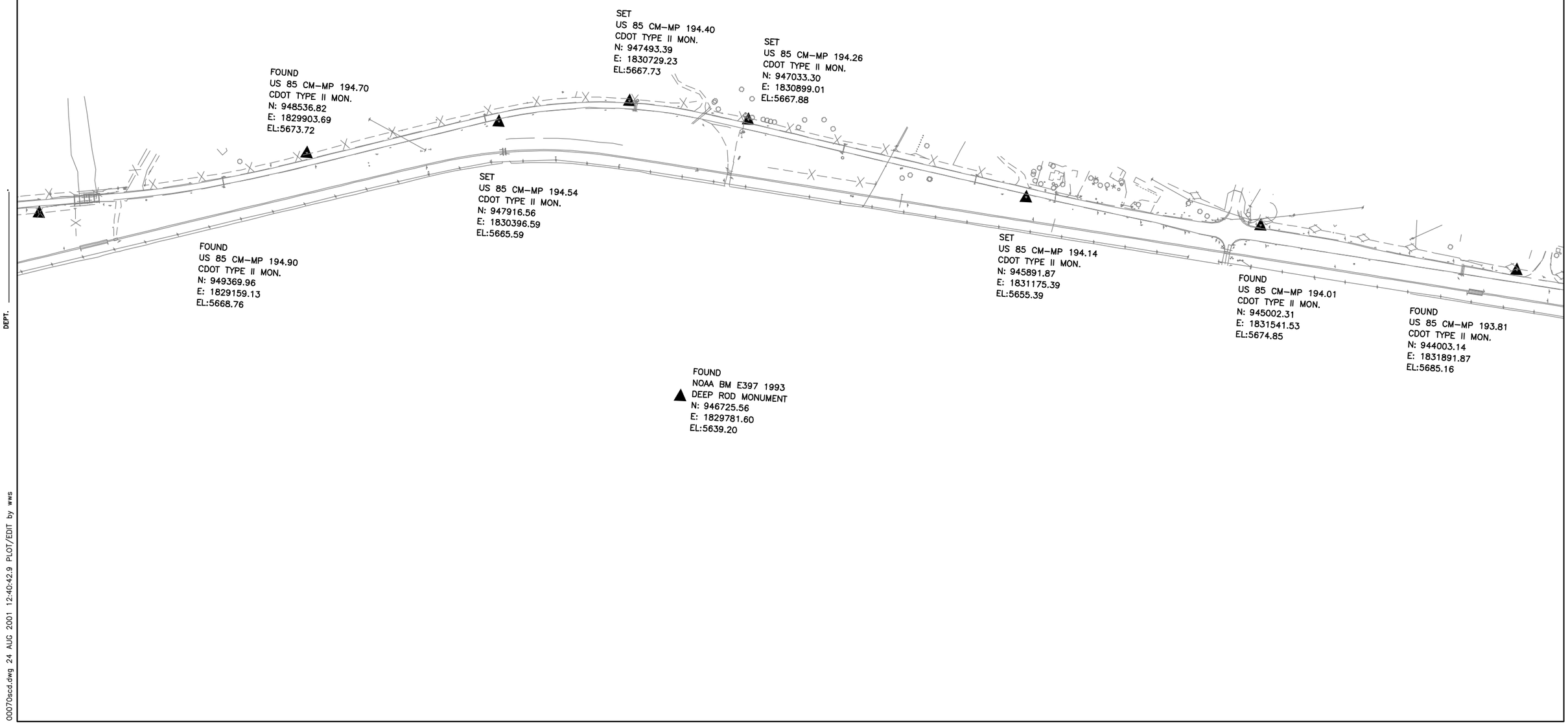

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Survey Control Diagram
Plan Sheet
Project Number: IM-0252-317
Project Location: US HIGHWAY 85
Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
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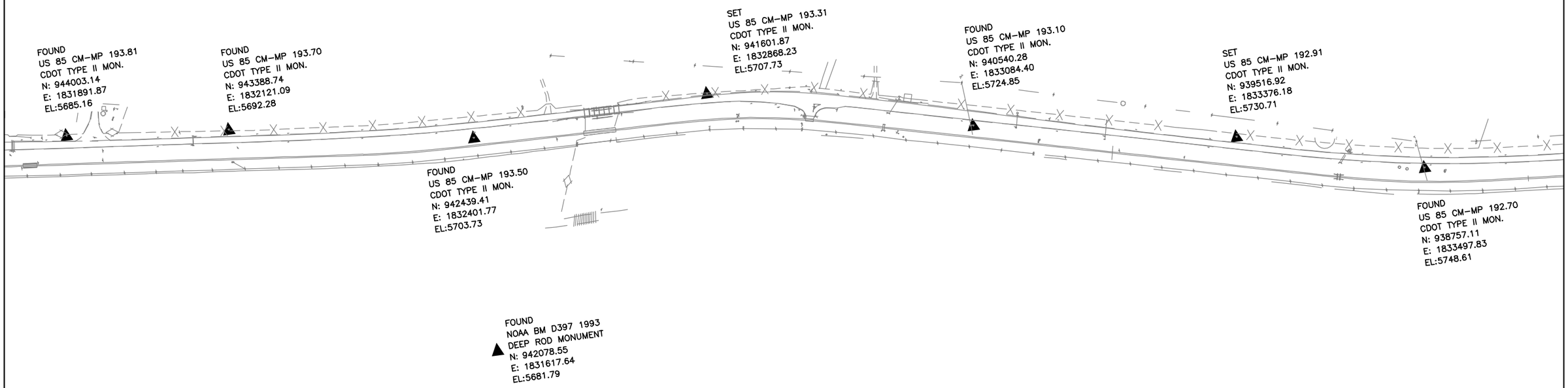

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0 100 200 300 400 500
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Survey Control Diagram

Plan Sheet

Project Number: IM-0252-317

Project Location: US HIGHWAY 85

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	11 of 15	3J	3J of 20

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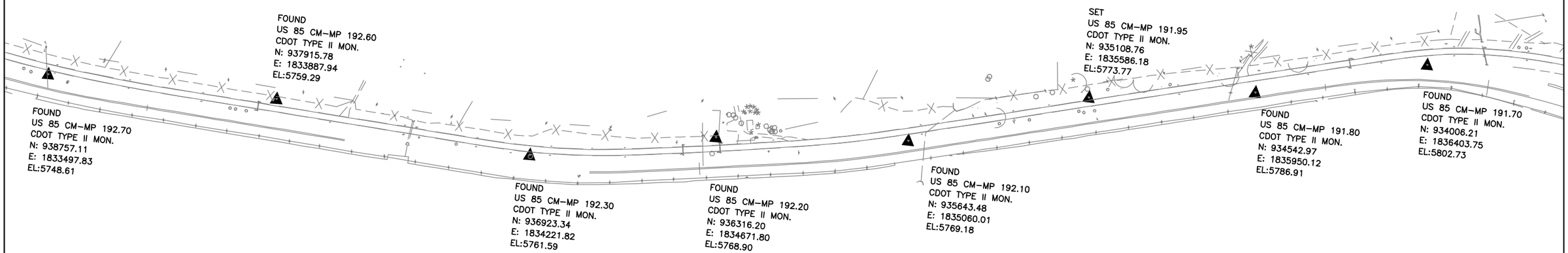

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Sheet Revisions

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Denver, CO (303) 306-1858

0 100 200 300 400 500
1" = 400'

Survey Control Diagram

Plan Sheet

Project Number: IM-0252-317

Project Location: US HIGHWAY 85

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	12 of 15	3K	3K of 20

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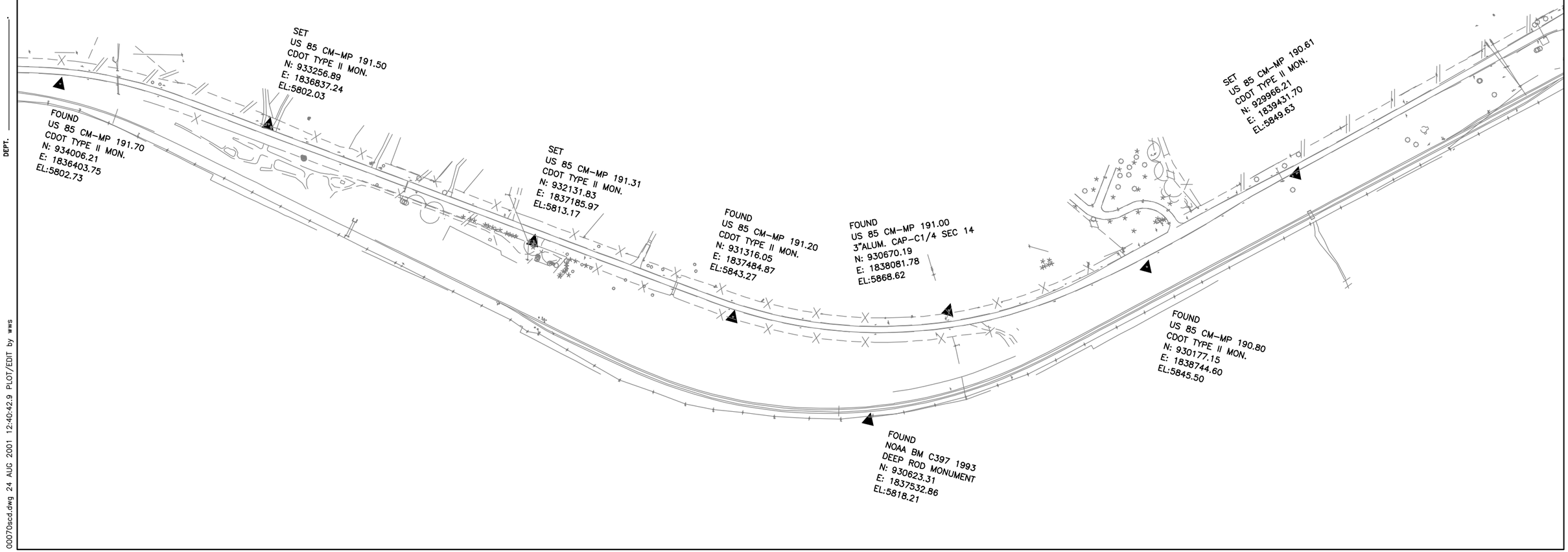

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Sheet Revisions		
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N

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Survey Control Diagram

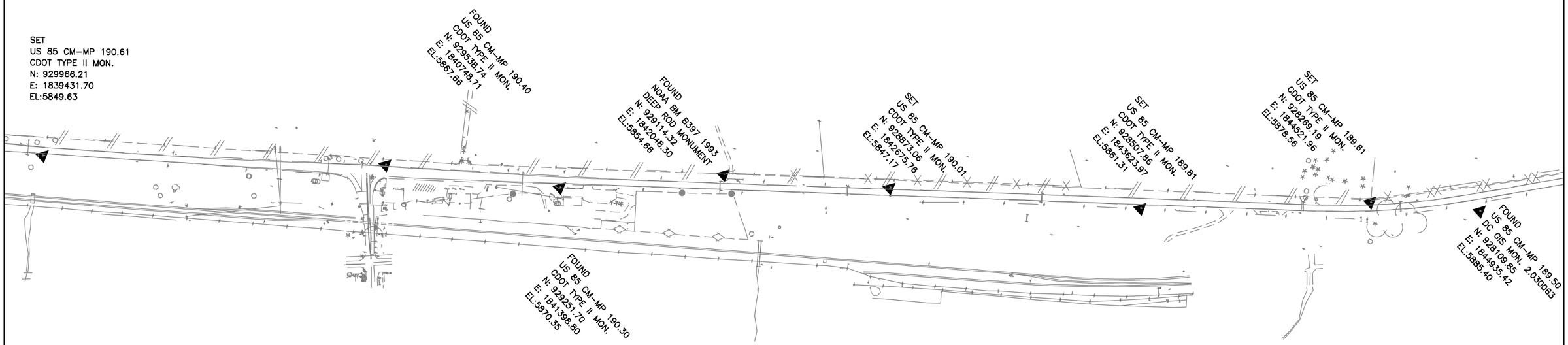
Plan Sheet

Project Number: IM-0252-317

Project Location: US HIGHWAY 85

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	13 of 15	3L	3L of 20



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Mountain Surveying & Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, CO (303) 306-1858

N

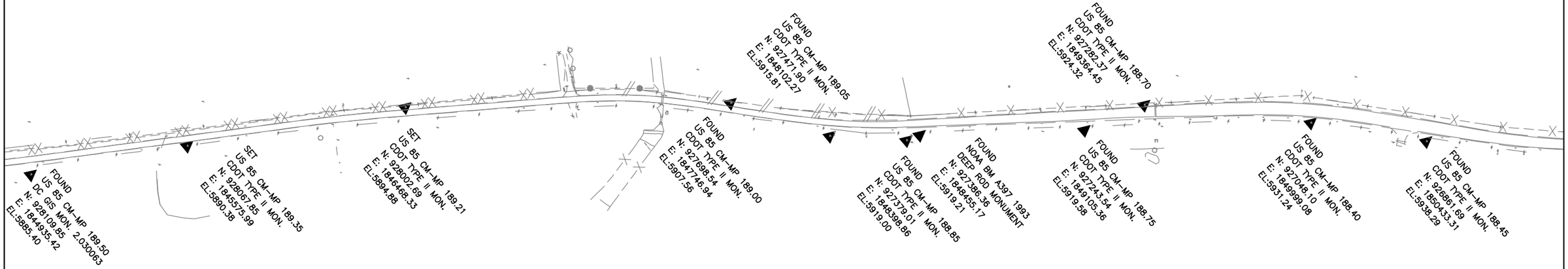
0 100 200 300 400 500
1" = 400'

Survey Control Diagram

Plan Sheet

Project Number: IM-0252-317
Project Location: US HIGHWAY 85
Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	14 of 15	3M	3M of 20



DEPOSITED THIS ___ DAY OF _____, 19___, AT ____M., FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE _____, RECEPTION NUMBER _____.

SIGNED _____,
DEPT. _____,

00070scd.dwg 24 AUG 2001 12:40:42.9 PLOT/EDIT by wws

CDOT Form
#126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

Region 1
18500 East Colfax Avenue
Aurora, Colorado 80011
Phone: (303) 757-9744 FAX: (303) 757-9746

Survey Unit:

Sheet Revisions		
mm/yy	XXXXX	XXX

US HIGHWAY 85 MP 187.00 to MP 200.00
SURVEY CONTROL DIAGRAM

Prepared By:
Mountain Surveying & Mapping, Inc.
8751 E. Hampden Ave. Suite B-1
Denver, CO (303) 306-1858

N

0 100 200 300 400 500
1" = 400'

Survey Control Diagram

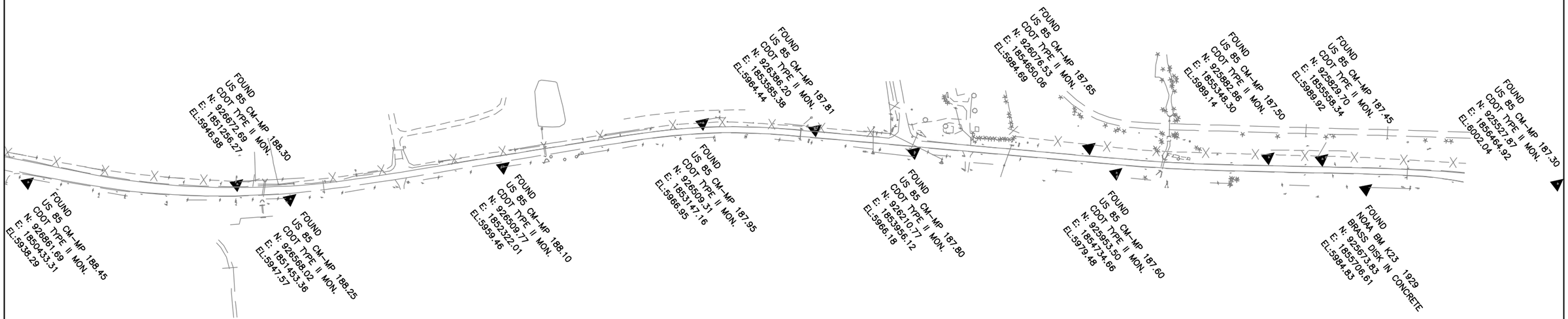
Plan Sheet

Project Number: IM-0252-317

Project Location: US HIGHWAY 85

Project Location:

Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
12255	08-24-01	15 of 15	3N	3N of 20



DEPOSITED THIS ___ DAY OF _____, 19___, AT ____M., FOR INFORMATION
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SURVEYS AT PAGE _____, RECEPTION NUMBER _____.

SIGNED _____
DEPT. _____

00070scd.dwg 24 AUG 2001 12:40:42.9 PLOT/EDIT by wws

CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

DOT — DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions

Date	Description	Initials
3/7/05	Updated Points List	BDL
4/25/05	Updated Points List- Deleted Pnts. 701-704	BDL

Sheet Revisions

Date	Description	Initials

Prepared By: URS

URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

CREATION DATE: 11/18/2004 INITIALS: BDL
LAST MOD. DATE: 4/25/2005 INITIALS: BDL
DRAWING NAME & FULL PATH: SEE LEFT
SIDE OF SHEET
SCALE: As Shown UNITS: English

Right of Way Plans
MONUMENT TABULATION

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		1 of 7	4	43

Tabulation of Right of Way Markers To Be Set

Point	Northing	Easting	Type
600	935038.92	1835768.85	1
601	934626.75	1836109.55	1
602	934425.37	1836340.88	1
603	933610.61	1836861.18	1
604	933326.48	1836913.97	1
605	933068.12	1837010.51	1
606	932973.11	1837114.18	1
607	932903.92	1836881.72	1
609	932831.63	1837093.54	1
612	932577.75	1837188.40	1
615	932448.67	1837319.54	1
616	932267.11	1837320.49	1
617	932158.90	1837408.96	1
622	930526.70	1838083.60	1
623	931394.58	1837443.51	1
624	930472.61	1838084.27	1
632	931989.09	1837472.41	1
633	931988.04	1837398.38	1
634	931703.96	1837504.28	1
635	931677.10	1837551.64	1
636	931492.65	1837620.40	1
637	931441.39	1837602.20	1
638	930803.84	1838016.99	1
639	930395.30	1838658.57	1
640	930242.95	1839070.48	1
642	934317.47	1836176.11	1
643	935007.12	1835600.39	1
644	933561.60	1836566.60	1
645	933305.85	1836634.11	1
646	933307.14	1836731.38	1
647	934226.78	1836505.04	1
648	931985.57	1837224.14	1
649	931985.56	1837223.24	1
651	935184.75	1835674.27	1
652	935246.27	1835623.41	1
653	935245.14	1835538.32	1
659	930391.80	1838264.58	1

Tabulation of Permanent Easement Points To Be Set

Point	Northing	Easting	Type
700	934574.23	1835961.77	6
705	934550.82	1835961.77	6
706	934307.86	1836164.60	6
707	933707.10	1836495.58	6
708	933707.10	1836522.08	6
709	931571.92	1837377.41	6
710	931564.94	1837358.67	6
711	931536.83	1837369.15	6
712	931543.81	1837387.89	6
713	933933.55	1836410.00	6
714	933911.01	1836410.00	6
715	930345.09	1838246.72	6
928	930416.17	1838084.97	6

Tabulation of Aliquot Corners

Point	Northing	Easting	Description
✤100	930706.38	1840714.68	E1/4 S14
✤102	932026.36	1840702.73	N1/16 S14/S13
✤103	933346.24	1840690.83	NE S14
✤104	933324.62	1838048.80	N1/4 S14
✤105	930670.18	1838081.82	C1/4 S14
✤106	931997.50	1838065.30	N1/16 C-C S14
✤107	928043.51	1840755.02	SE S14
✤108	928016.89	1838114.74	S1/4 S14
✤110	930638.09	1835439.66	W1/4 S14
✤111	933289.49	1835401.81	NW S14
✤112	929374.43	1840734.71	S1/16 S13/S14
✤131	934609.67	1836709.61	SWC1/16 S11
✤132	935911.42	1836695.74	W1/16 C-C S11
✤133	935929.53	1838024.63	C1/4 S11
✤134	937265.20	1838012.32	N1/16 C-C S11
✤135	938600.42	1837999.89	N1/4 S11
✤136	938581.66	1835353.08	NW S11
✤147	935893.09	1830127.74	W1/4 S10
✤148	938556.40	1832704.54	N1/4 S10
✤153	935894.16	1835366.70	E1/4 S10
✤154	933270.35	1832801.16	S1/4 S10
○183	937237.91	1835359.89	SET 3.25IN AC
○185	934591.82	1835384.26	SET 3.25IN AC
✤6019	934627.02	1838036.79	S1/16 C-C S11
○187	931959.99	1835420.79	SET 3.25IN AC
○188	933307.07	1836725.96	SET 3.25IN AC
○189	930654.13	1836760.74	SET 3.25IN AC 30'EAST TO COR
○190	935260.54	1836702.68	SET 3.25IN AC
○191	935242.99	1835375.48	SET 3.25IN AC
○192			
○193			

Tabulation of Found Property Pins (By M.S.M., Inc)

Point	Northing	Easting	Description
3068	943801.95	1831965.96	FND by MSM
3069	943786.55	1831965.83	FND by MSM
3070	941877.25	1832753.93	FND by MSM
3071	941176.37	1833030.61	FND by MSM
3072	941230.19	1833023.51	FND by MSM
3073	941091.88	1833052.39	FND by MSM
3074	939160.26	1833468.19	FND by MSM
3075	938565.34	1833642.51	FND by MSM
3078	931986.73	1837329.41	FND by MSM
3079	932474.71	1837147.40	FND by MSM
3080	937423.35	1834098.85	FND by MSM
3082	937469.82	1834076.95	FND by MSM
3085	937517.22	1834058.45	FND by MSM
3086	937553.53	1834257.70	FND by MSM
3087	937456.29	1834284.89	FND by MSM
3088	937556.76	1834288.10	FND by MSM
3111	930334.16	1838636.00	FND by MSM
3112	932949.17	1836970.78	FND by MSM
3113	933645.89	1836721.14	FND by MSM
3114	934462.71	1836158.43	FND by MSM
3115	934618.94	1836029.36	FND by MSM

Tabulation of Found Property Pins (By URS)

Point	Northing	Easting	Description
6017	935260.61	1836703.94	FND NO.4RBR NO CAP
6020	933998.32	1838042.49	FND 1.5IN STEEL PIPE NO CAP
6027	932964.66	1838053.34	FND NO.4RBR NO CAP
6031	932604.42	1838057.73	FND NO.4RBR NO CAP
6032	931992.12	1837689.36	FND NO.5 RBR NO CAP
6048	933979.72	1836718.68	FND NO.4RBR NO CAP
6053	931982.92	1837033.80	FND NO.5 RBR NO CAP

Tabulation of Temporary Easement Points To Be Staked

Point	Northing	Easting	Type
900	934655.80	1836085.54	TE
901	934655.80	1836152.03	TE
902	934615.67	1836196.63	TE
903	934547.82	1836200.22	TE
904	933504.10	1836880.97	TE
905	933331.57	1837114.90	TE
906	933268.48	1837138.47	TE
907	933134.93	1836985.54	TE
908	933197.43	1836772.28	TE
909	933186.93	1836744.18	TE
910	933249.53	1836720.84	TE
911	933260.03	1836748.94	TE
912	932879.63	1837100.54	TE
913	932860.18	1837107.81	TE
914	932835.63	1837104.23	TE
915	932593.52	1837265.52	TE
916	932541.47	1837266.25	TE
917	932540.90	1837225.84	TE
918	932334.85	1837320.13	TE
919	932392.80	1837425.01	TE
920	932406.18	1837465.64	TE
921	932358.69	1837481.27	TE
922	932114.03	1837176.24	TE
923	932109.83	1837165.00	TE
924	932081.72	1837175.48	TE
925	932085.92	1837186.72	TE
926	930668.21	1837919.61	TE
927	930665.66	1837710.31	TE
929	932345.31	1837440.64	TE
930	930304.21	1838904.93	TE
931	930443.40	1838881.59	TE
932	930338.62	1839013.63	TE
933	930272.97	1838989.33	TE
934	931808.78	1837496.64	TE
935	931793.44	1837512.20	TE
936	931753.56	1837517.80	TE
937	931730.00	1837510.58	TE
938	931762.98	1837498.29	TE
939	930398.01	1838881.83	TE
940	930397.50	1838787.37	TE
941	932284.59	1837388.73	TE
942	932224.36	1837427.79	TE
943	932592.35	1837182.95	TE

GENERAL NOTES

1. This Right-of-Way plan is not a complete boundary survey of all the adjoining property owners and is prepared for the Transportation Department purposes ONLY.

2. Title Commitments / Policies supplied by H. C. Peck and Associates, Inc. (United General Title Insurance Company (Denver, CO)

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 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.

6. All coordinates listed are PROJECT COORDINATES.

7. BASIS OF BEARINGS: Bearings used in the calculations of coordinates are based on a grid bearing of N30°49'24"W from SH-85 CM-MP 196.80 and SH-85 CM-MP 197.00. Both monuments are CDOT Type II, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN) NAD 83(92).

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	4A	5	6
REFRENCE										
RIGHT OF WAY 3-1/4"	39									
CONTROL										
ALIQUOT CORNER										
WITNESS CORNER							2			
PERM. EASEMENT										13
C.R. RIGHT OF WAY										
TOTAL	39						2			13

FIELD SURVEYOR'S STATEMENT

ORIGINAL ALIQUOT AND BOUNDARY MARKER LOCATION AND RIGHT OF WAY MONUMENTATION WAS DONE UNDER MY SUPERVISION AND CHECKING.

NAME THOMAS W. STOUTENBURG P.L.S. NO. 22103

DATE _____

Original Stamp

OFFICE SURVEYOR'S STATEMENT

R.O.W. PLANS AND LEGAL DESCRIPTIONS WERE PREPARED UNDER MY SUPERVISION AND CHECKING.

NAME THOMAS W. STOUTENBURG P.L.S. NO. 22103

DATE _____

Original Stamp

FILING CERTIFICATION:
DEPOSITED THIS ___ DAY OF _____, 19___, AT ____M., FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEY'S/RIGHT OF WAY
SURVEY'S AT PAGE _____, RECEPTION NUMBER _____.

SIGNED _____.
DEPT. _____.

I:\PROJECTS\22237041_SH85_Sof_Titan\Sedalia_North\6.0_Design\6.07_Right_of_Way\Plans\Monumentation.dwg 3/4/2005 8:56:23 AM MST

CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
3/2/05	Added Pnts. 192&193	BDL
3/2/05	Deleted 101&109 (not needed for boundaries)	BDL

Sheet Revisions		
Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

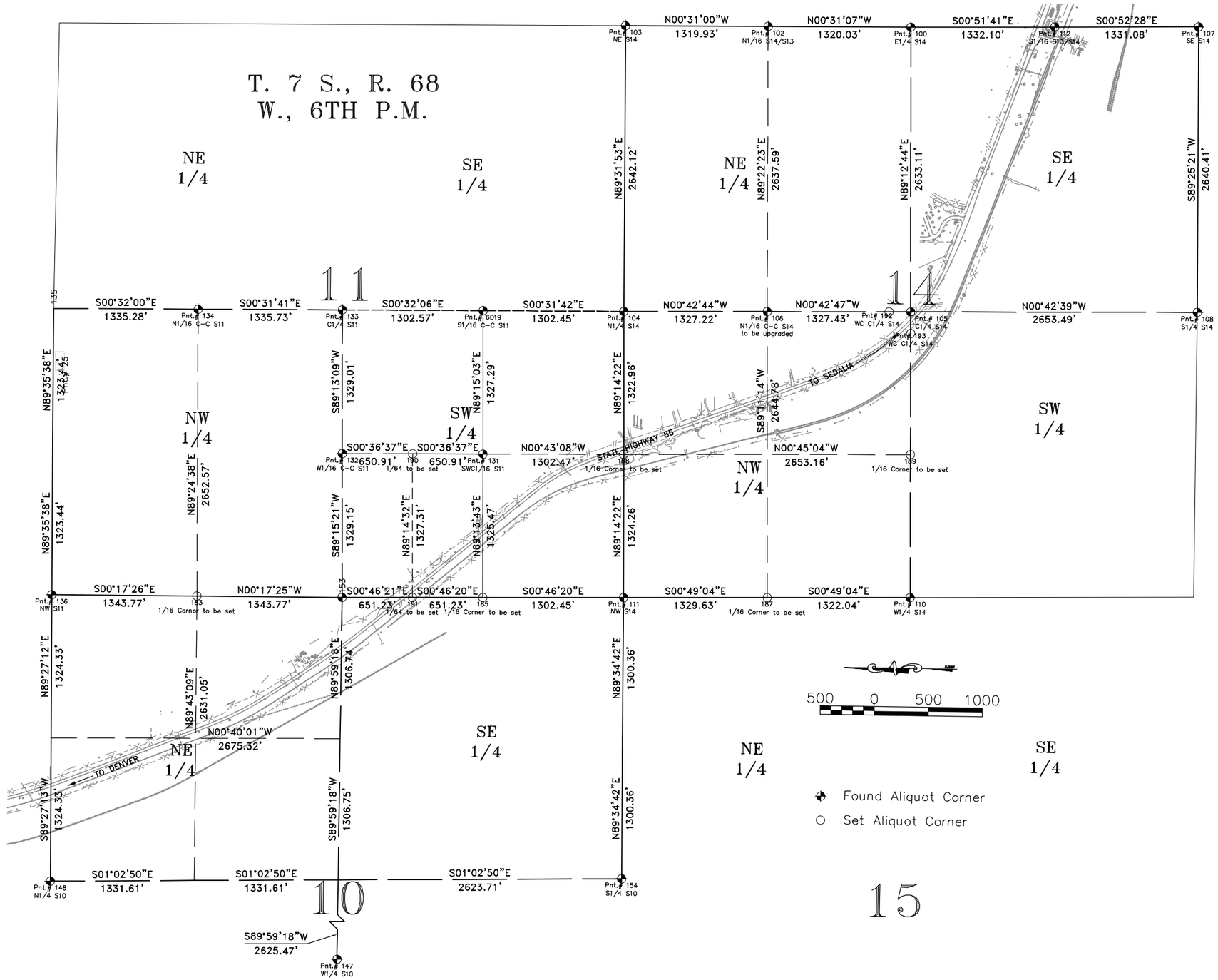
Computer File Information

CREATION DATE: 11/18/2004 INITIALS: BDL
LAST MOD. DATE: 3/2/2005 INITIALS: BDL
DRAWING NAME & FULL PATH: SEE LEFT
SIDE OF SHEET
SCALE: As Shown UNITS: English

Right of Way Plans
ALIQUOT SECTION BREAKDOWN

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		2 of 7	4A	43



FILING CERTIFICATION:
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ONLY IN BOOK _____ OF THE COUNTY LAND SURVEY'S/RIGHT OF WAY
SURVEY'S AT PAGE _____, RECEPTION NUMBER _____
SIGNED _____
DEPT. _____

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CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
xx/xx/xx	x	xxx

Sheet Revisions		
Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information	
CREATION DATE: 11/18/2004	INITIALS: BDL
LAST MOD. DATE: 2/1/2005	INITIALS: BDL
DRAWING NAME & FULL PATH: SEE LEFT	
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Right of Way Plans
MONUMENTS SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)

Project Location: SH 85, Meadows to C470

Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		3 of 7	4B	43

FILING CERTIFICATION:
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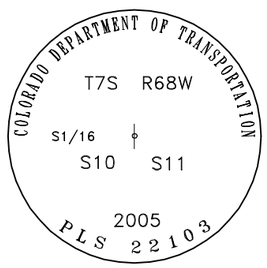
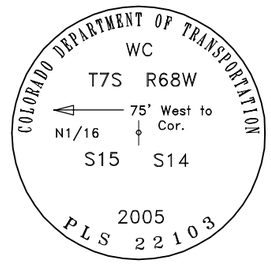
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEY'S AT PAGE _____, RECEPTION NUMBER _____

SIGNED _____
DEPT. _____



Set 3 1/4" Alum Cap
Pt. No. 185

Fnd 2.5" Alum Cap
stamped as shown
Pt. Nos. 131 & 132



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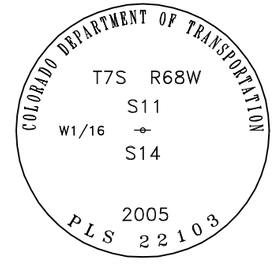

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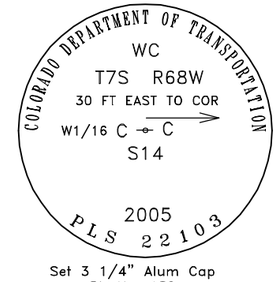

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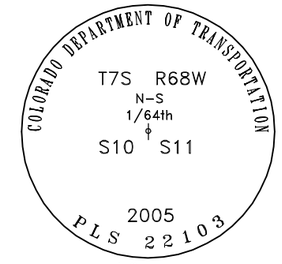

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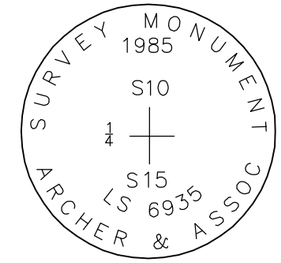

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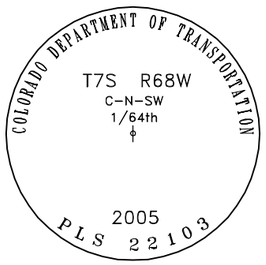
Pt. No. 154



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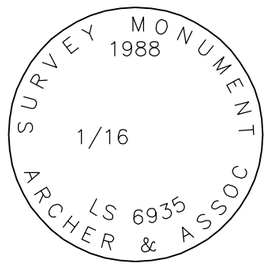
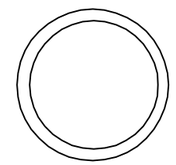
Pt. No. 190

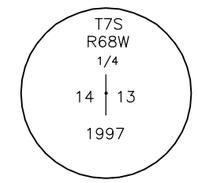


Fnd 2.5" Alum Cap
stamped as shown
Pt. No. 6019

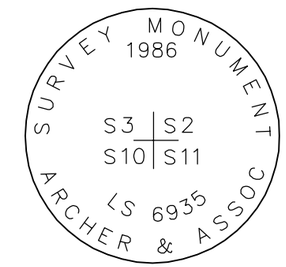
Fnd No. 4 Rebar with
no cap.
Pt. Nos. 6017, 6027,
6031,& 6048

Fnd No. 5 Rebar with
no cap.
Pt. No. 6032

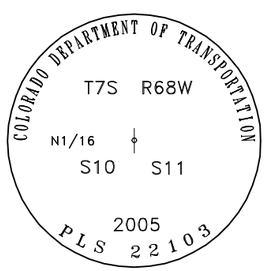

Fnd. 1 1/2 " Pipe
with no cap.
Pt. No. 6020



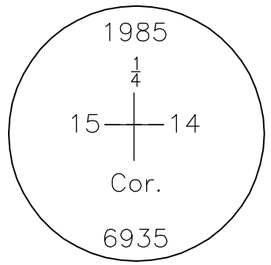
Fnd 2" AC stamped as
shown
PT. No. 100



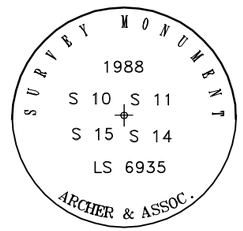
Fnd 3 1/4 " AC stamped as shown
Pt. No. 136



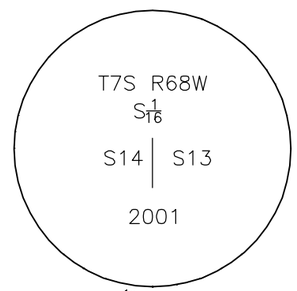
Set 3 1/4" Alum Cap
Pt. No. 183



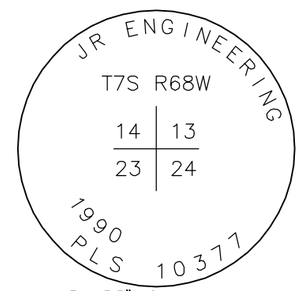
Fnd 3" AC stamped as
shown
Pt. No. 110



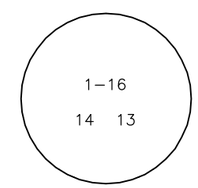
Fnd 2" AC stamped as
shown
Pt. No. 111



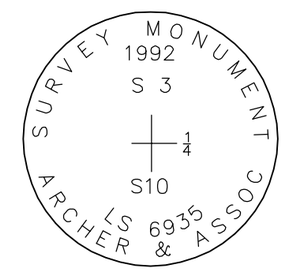
Set 3 1/4" AC stamped
as shown
Pt. No. 112



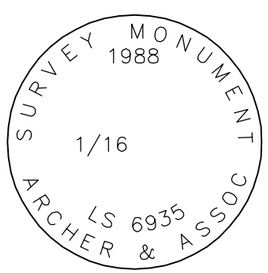
Fnd 3.5" AC stamped
as shown
Pt. No. 107



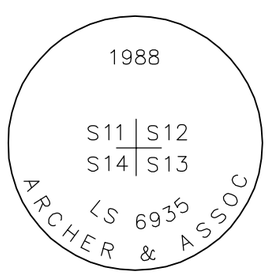
Fnd 2" AC stamped as
shown
Pt. No. 102



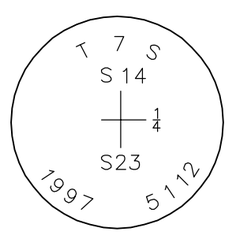
Fnd 2.5" AC stamped
as shown Pt. No. 148



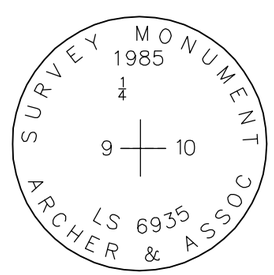
Fnd 21/2" AC stamped
as shown Pt. No. 134



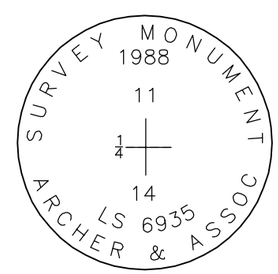
Fnd 3 1/4 " AC stamped as shown
Pt. No. 103



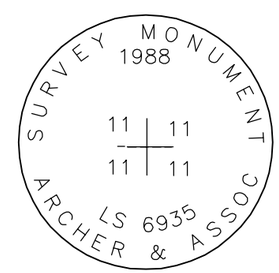
Fnd 2" AC stamped as
shown Pt. No. 108



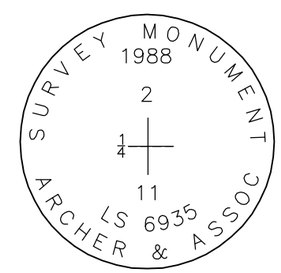
Fnd 31/4" AC stamped
as shown Pt. No. 147



Fnd 21/2" AC stamped as
shown Pt. No. 104



Fnd 3" AC stamped as
shown Pt. No. 133



Fnd 21/2" AC stamped
as shown Pt. No. 135

I:\PROJECTS\22237041_SH85_Sol_Titan\Sedalia_North\6.0_Design\6.07_Right_of_Way\Plans\sec-corner-caps.dwg 3/4/2005 9:00:33 AM MST

CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
3/2/05	Added Pnts. 192&193, deleted Pnts.101&109	BDL

Sheet Revisions		
Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

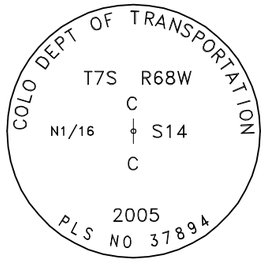
Computer File Information

CREATION DATE: 11/18/2004 INITIALS: BDL
LAST MOD. DATE: 3/2/2005 INITIALS: BDL
DRAWING NAME & FULL PATH: SEE LEFT
SIDE OF SHEET
SCALE: As Shown UNITS: English

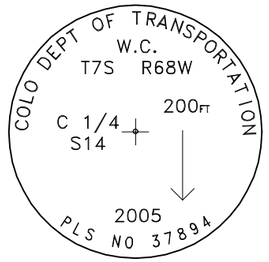
Right of Way Plans
MONUMENTS SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

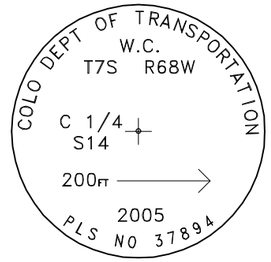
Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		4 of 7	4C	43



Set 3 1/4" Alum Cap
Pt. No. 106



Set 3 1/4" Alum Cap
Pt. No. 192



Set 3 1/4" Alum Cap
Pt. No. 193

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

SIGNED _____
DEPT. _____

I:\PROJECTS\22237041_SH85_Sol_Titan\Sedalia_North\6.0_Design\6.07_Right_of_Way\Plans\sec-corner-caps.dwg 3/4/2005 9:00:33 AM MST

CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

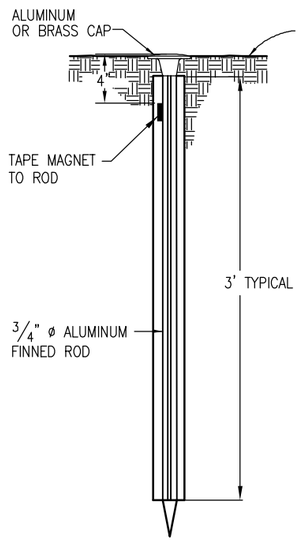
CREATION DATE: 1/26/2005 INITIALS: BDL
LAST MOD. DATE: 2/1/2005 INITIALS: BDL
DRAWING NAME & FULL PATH: SEE LEFT
SIDE OF SHEET
SCALE: As Shown UNITS: English

Right of Way Plans

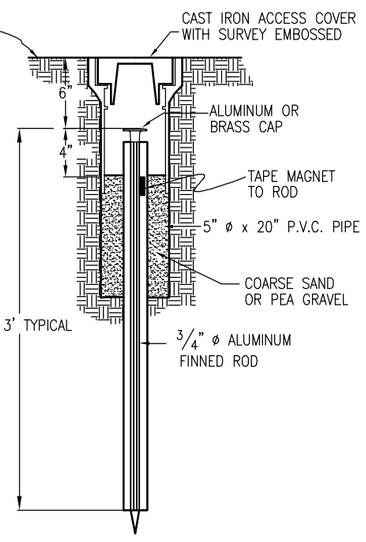
MONUMENT TYPICAL 1

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		5 of 7	4D	43

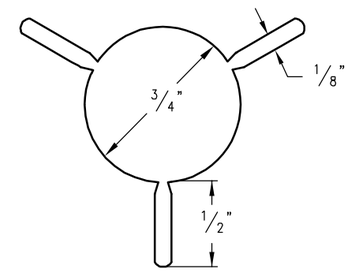


TYPE 1 MONUMENT

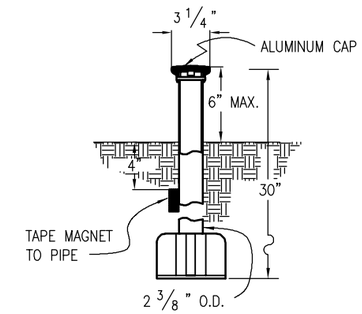


TYPE 1A MONUMENT

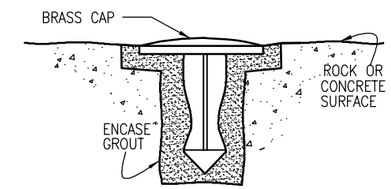
INCLUDES MONUMENT BOX



SECTION A-A

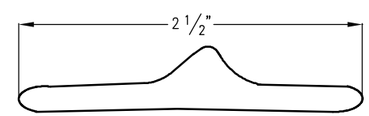


TYPE 3 MONUMENT

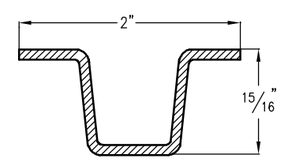


TYPE 5 MONUMENT

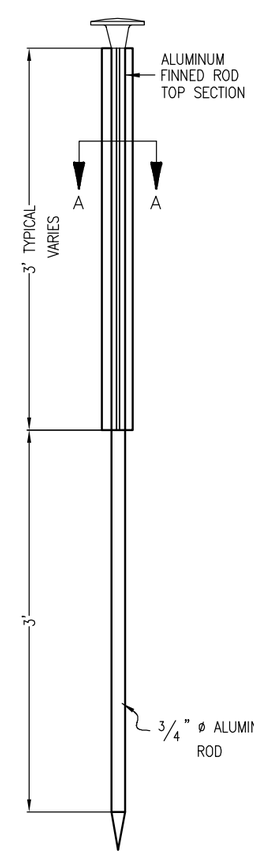
ALUMINUM CAP AND TYPE 5(S) DETAILS SHOWN ON SHEET 2



SECTION B-B

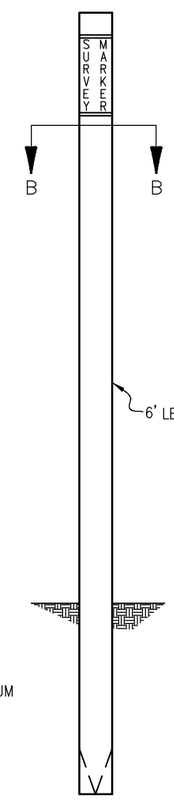


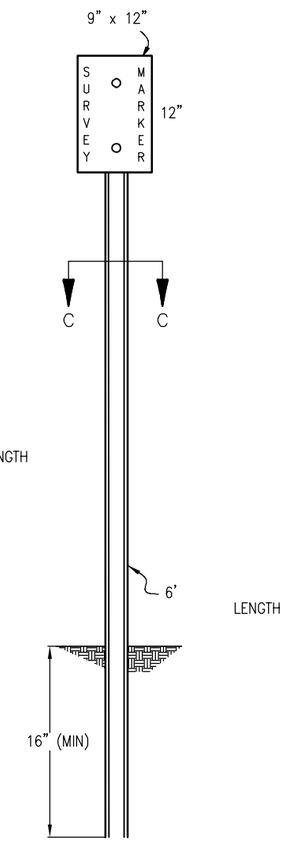
DELINEATOR POST
SECTION C-C



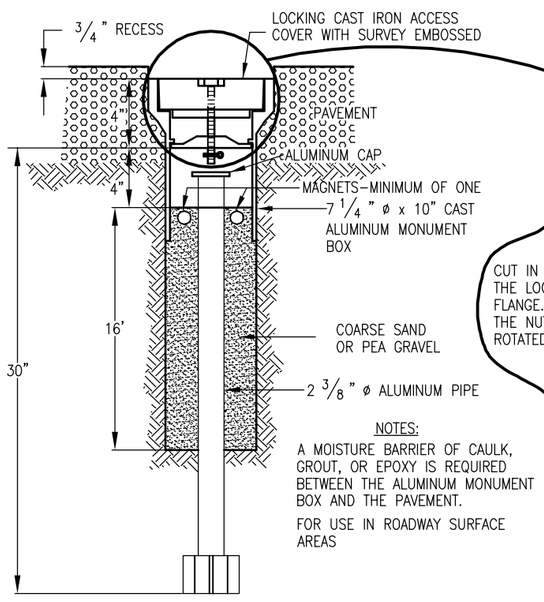
TYPE 2 MONUMENT

TYPE 2A INCLUDES MONUMENT BOX





WITNESS POSTS



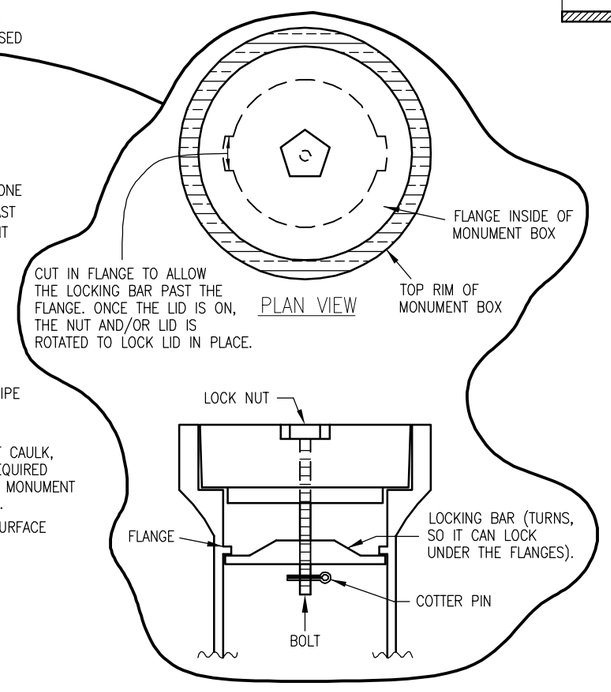
NOTES:

A MOISTURE BARRIER OF CAULK, GROUT, OR EPOXY IS REQUIRED BETWEEN THE ALUMINUM MONUMENT BOX AND THE PAVEMENT.

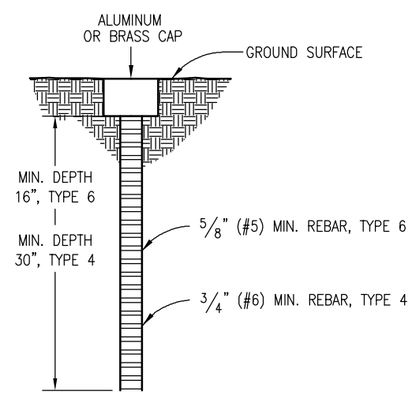
FOR USE IN ROADWAY SURFACE AREAS

TYPE 3A MONUMENT

ROADWAY INSTALLATION INCLUDES MONUMENT BOX



LOCKING CAST IRON ACCESS COVER



TYPE 4 AND TYPE 6 MONUMENT

FILING CERTIFICATION:
DEPOSITED THIS ____ DAY OF _____, 19___, AT ____M., FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEY'S/RIGHT OF WAY
SURVEY'S AT PAGE _____, RECEPTION NUMBER _____

SIGNED _____
DEPT. _____

QA/QC

CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials

Prepared By: URS

URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information	
CREATION DATE: 1/26/2005	INITIALS: BDL
LAST MOD. DATE: 2/1/2005	INITIALS: BDL
DRAWING NAME & FULL PATH: SEE LEFT	
SIDE OF SHEET	
SCALE: As Shown	UNITS: English

Right of Way Plans

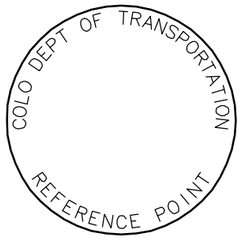
MONUMENT TYPICAL 2

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)

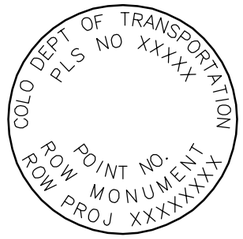
Project Location: SH 85, Meadows to C470

Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

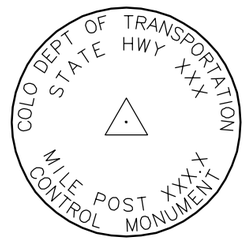
Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		6 of 7	4E	43



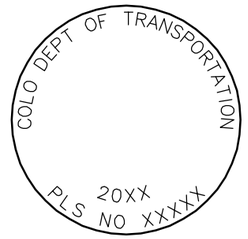
REFERENCE MONUMENT CAP



ROW MONUMENT CAP



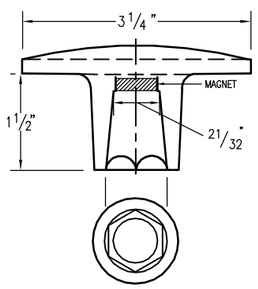
CONTROL MONUMENT CAP



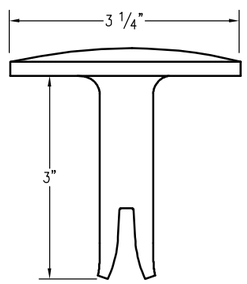
ALIQUOT CORNER MONUMENT CAP

ALUMINUM CAP

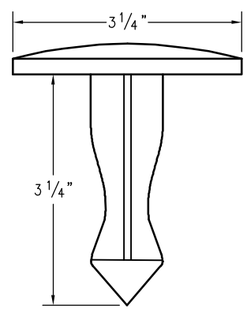
NOTE: A BLANK CAP MAY BE SUBSTITUTED IF THE APPROPRIATE CAP SHOWN ABOVE IS NOT AVAILABLE. IF A BLANK CAP IS USED, ALL INFORMATION NORMALLY INCLUDED ON THE APPROPRIATE STANDARD CAP, SHALL BE STAMPED ON THE BLANK CAP ALONG WITH SPECIFIC PROJECT INFORMATION SUCH AS PROJECT NO., DATE, POINT NO., ETC..



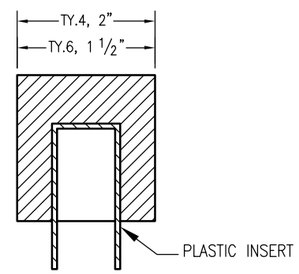
ALUMINUM CAP
USED WITH ALUMINUM ROD



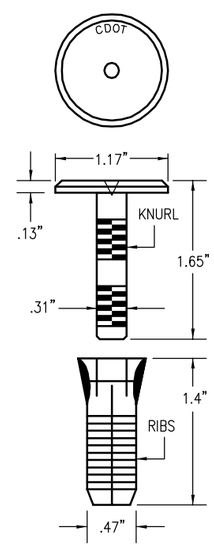
ALUMINUM CAP
TYPE 5
FOR PLACING IN EXISTING CONCRETE OR ROCK



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

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	
ALIQUOT 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		

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 INCH LONG X 3/4 INCH 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 FOOT SECTION OF FINNED ROD.

WHEN SUBSURFACE ROCK OR CONCRETE IS ENCOUNTERED LESS THAN 3 FEET BELOW THE GROUND SURFACE, THE ROD SHALL BE EMBEDDED IN THE ROCK OR IN CONCRETE AT LEAST 6 INCHES WITH A GROUT MATERIAL. 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 REQUIRED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY.

TYPE 2 AND TYPE 2A ALUMINUM FINNED ROD MONUMENTS

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

THE MONUMENT SHALL BE INSTALLED BY FIRST ATTACHING THE PROPER SIZE TIP TO A 3 FOOT LONG X 3/4 INCH DIA. ROD, THEN DRIVING THE ROD AT LEAST 30 INCHES INTO THE GROUND. ADDITIONAL 3 FOOT LONG X 3/4 INCH FINNED ROD SECTIONS ARE 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 REQUIRED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY.

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 REQUIRED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY.

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 INCH DIA. CAP SHALL BE USED ON 3/4 INCH (#6) REBAR.

TYPE 5 BRASS/ALUMINUM CAP MONUMENT

THIS MONUMENT CAN BE USED 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 USED 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 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 INCHES, SHALL BE USED ON 5/8 INCH (#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 FOOT OF THE MONUMENT WHEN POSSIBLE. A DELINEATOR POST WITH A 9 INCH X 12 INCH 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.

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QA/QC

CDOT Form #126Ra 7/00

COLORADO DEPARTMENT OF TRANSPORTATION

DOT DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials

Prepared By: URS

URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

CREATION DATE: 11/18/2004 INITIALS: BDL
LAST MOD. DATE: 2/1/2005 INITIALS: BDL
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SIDE OF SHEET
SCALE: As Shown UNITS: English

Right of Way Plans

FOUND MONUMENTS DETAIL

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)

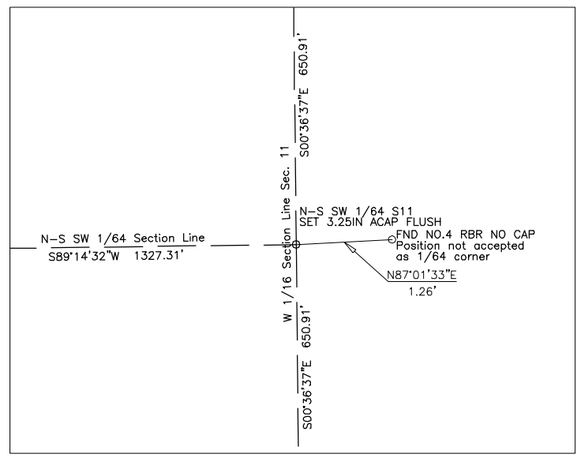
Project Location: SH 85, Meadows to C470

Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		7 of 7	4F	43

1"=2'

DETAIL A



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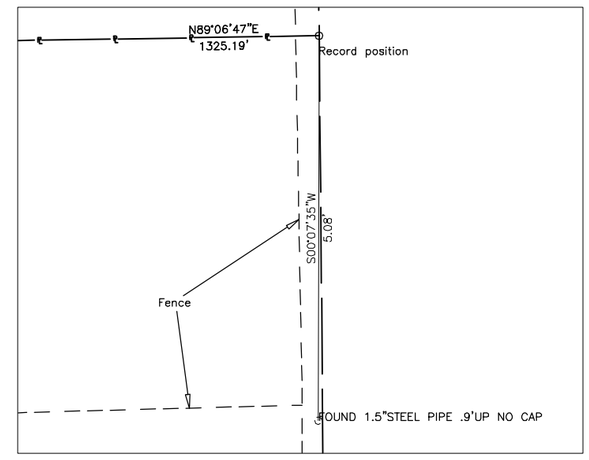

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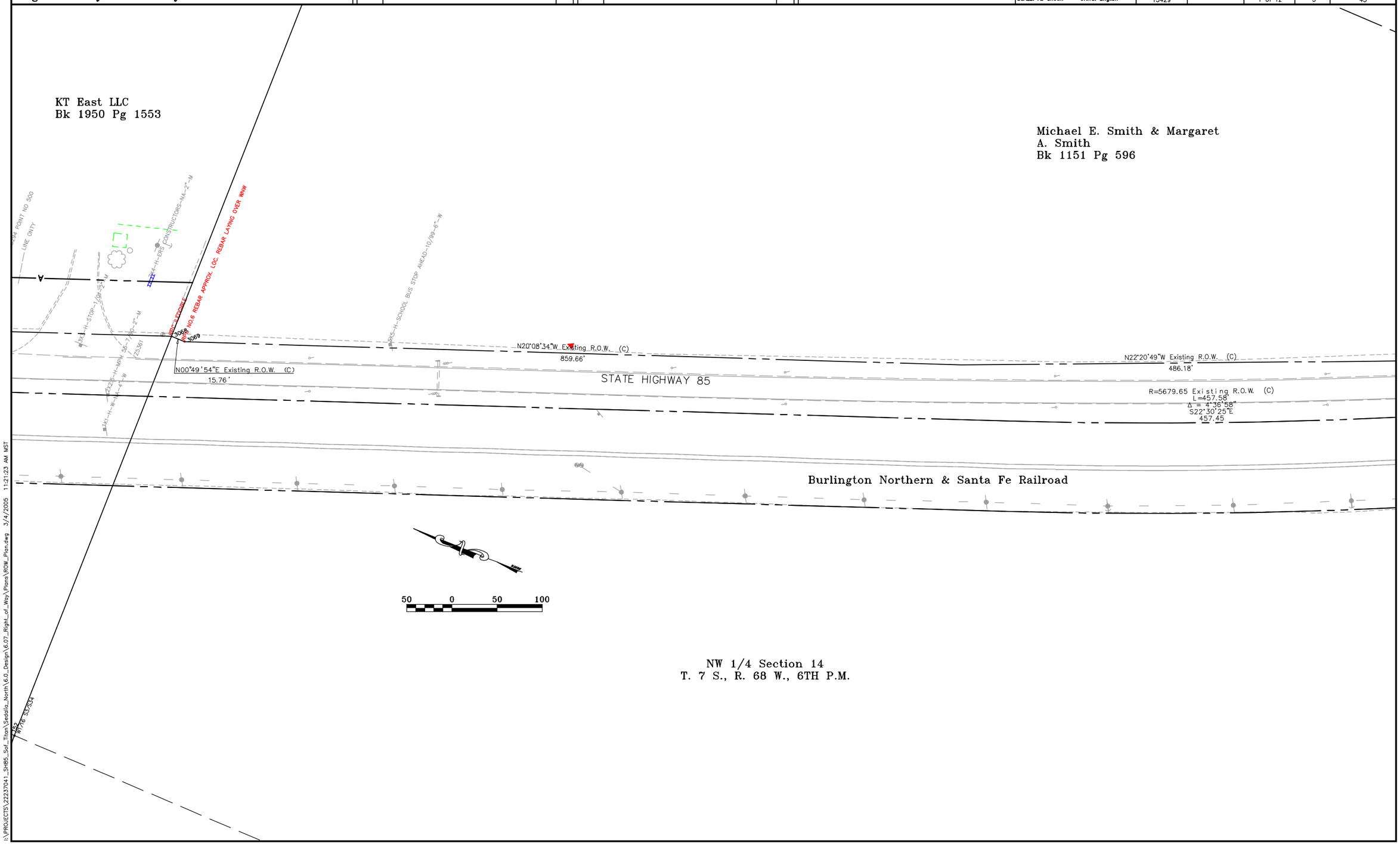
Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		1 of 12	5	43



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COLORADO DEPARTMENT OF TRANSPORTATION

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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		2 of 12	6	43

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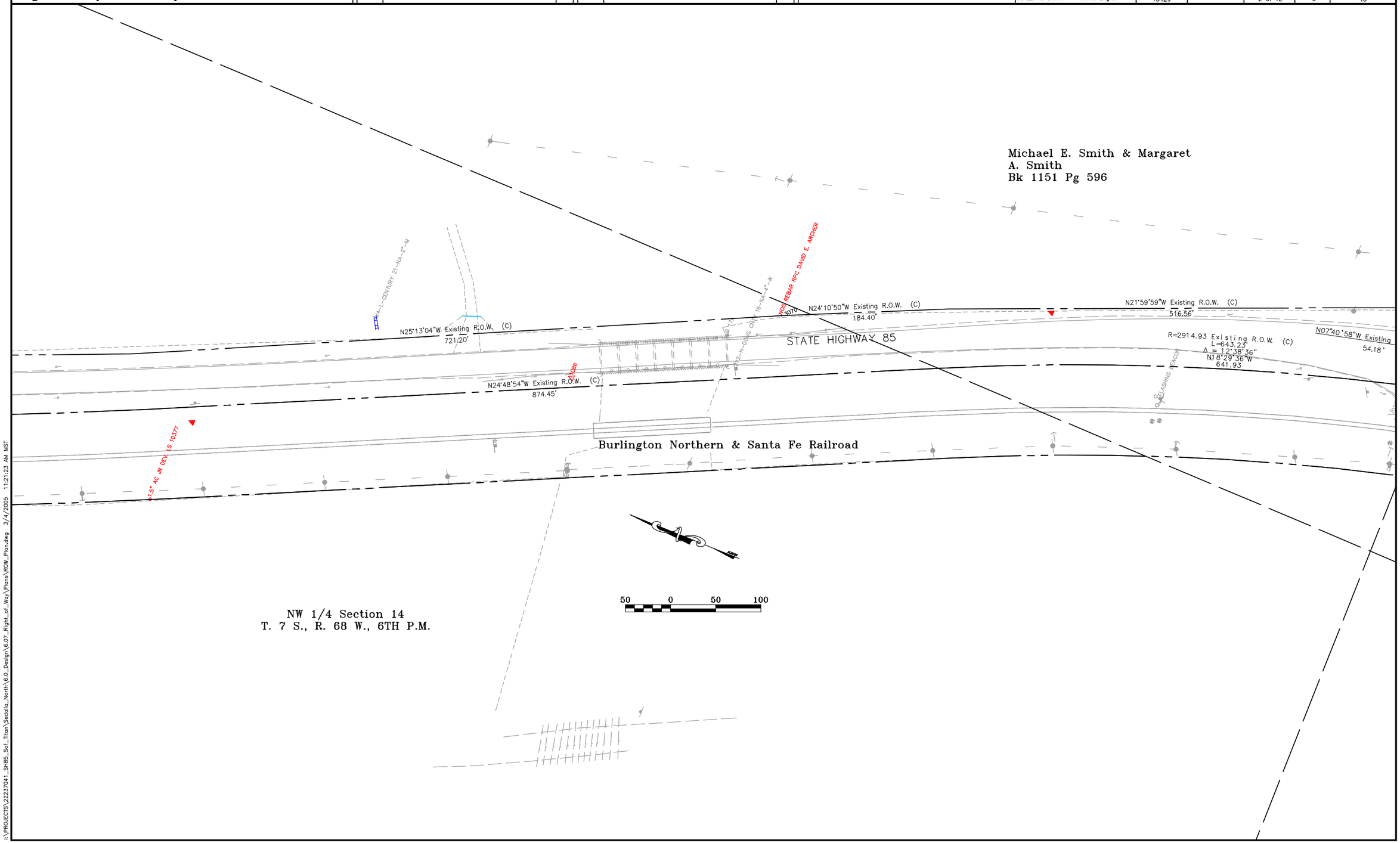

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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		3 of 12	7	43

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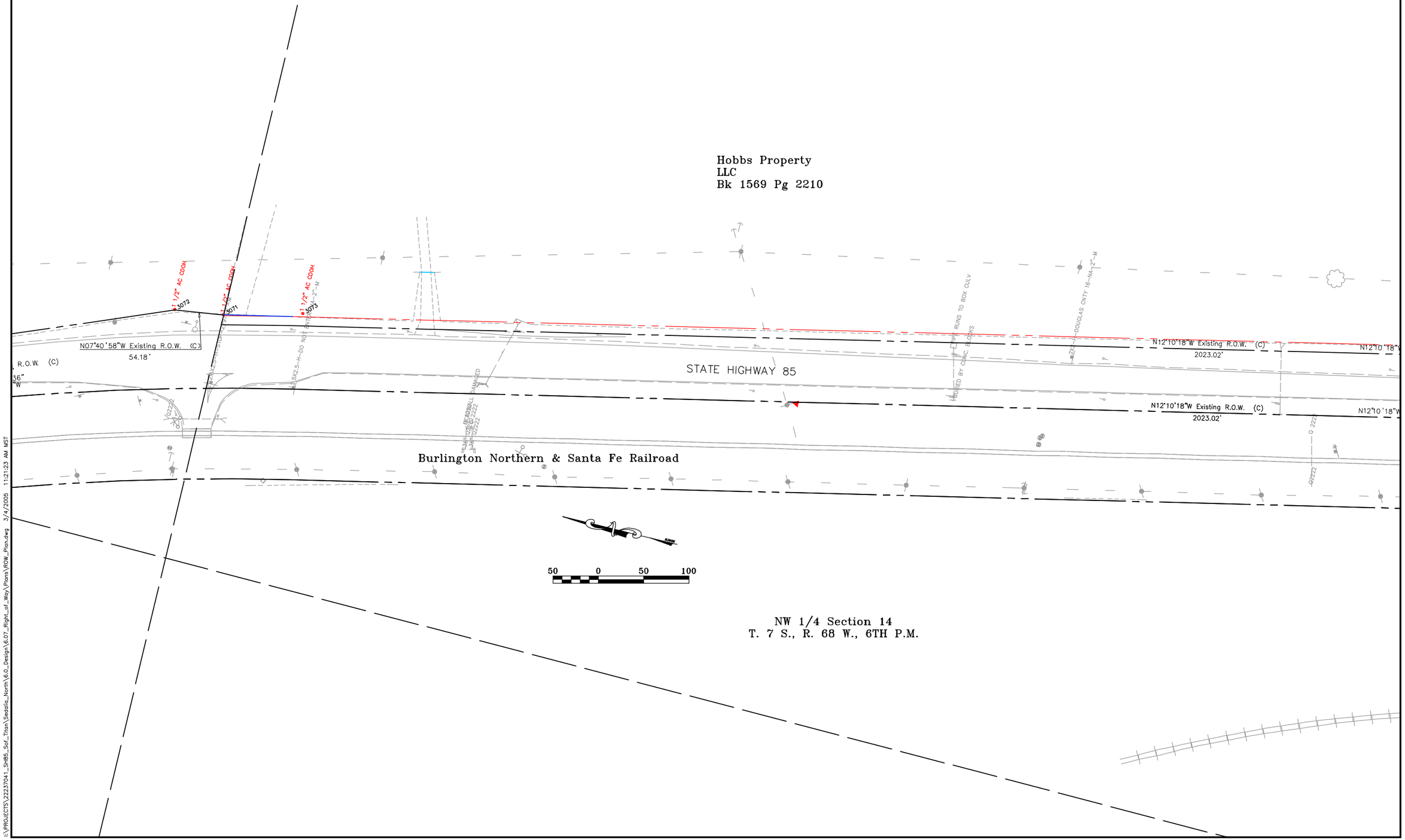

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Right of Way Plans
PLAN SHEET

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Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		4 of 12	8	43

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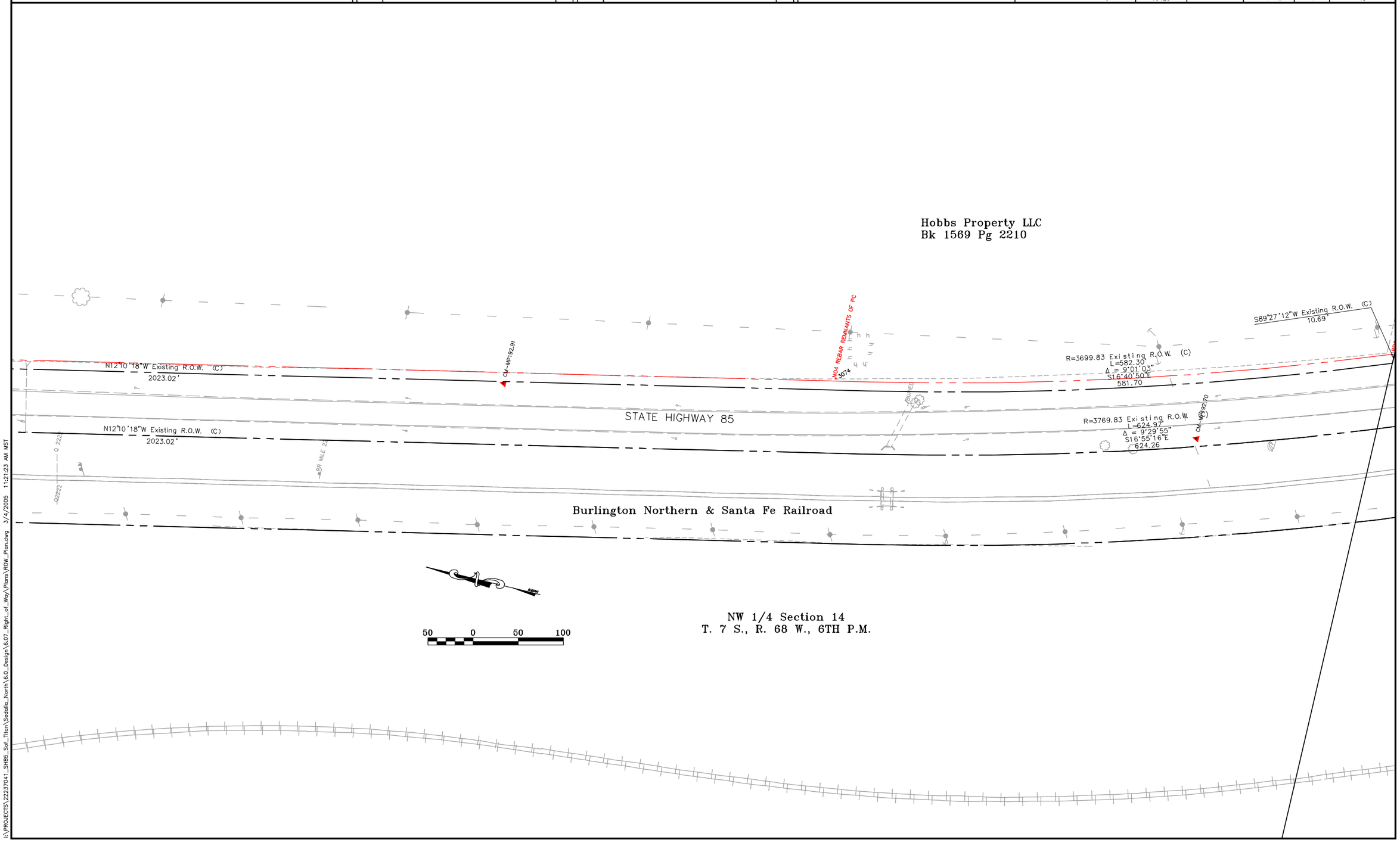

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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		5 of 12	9	43

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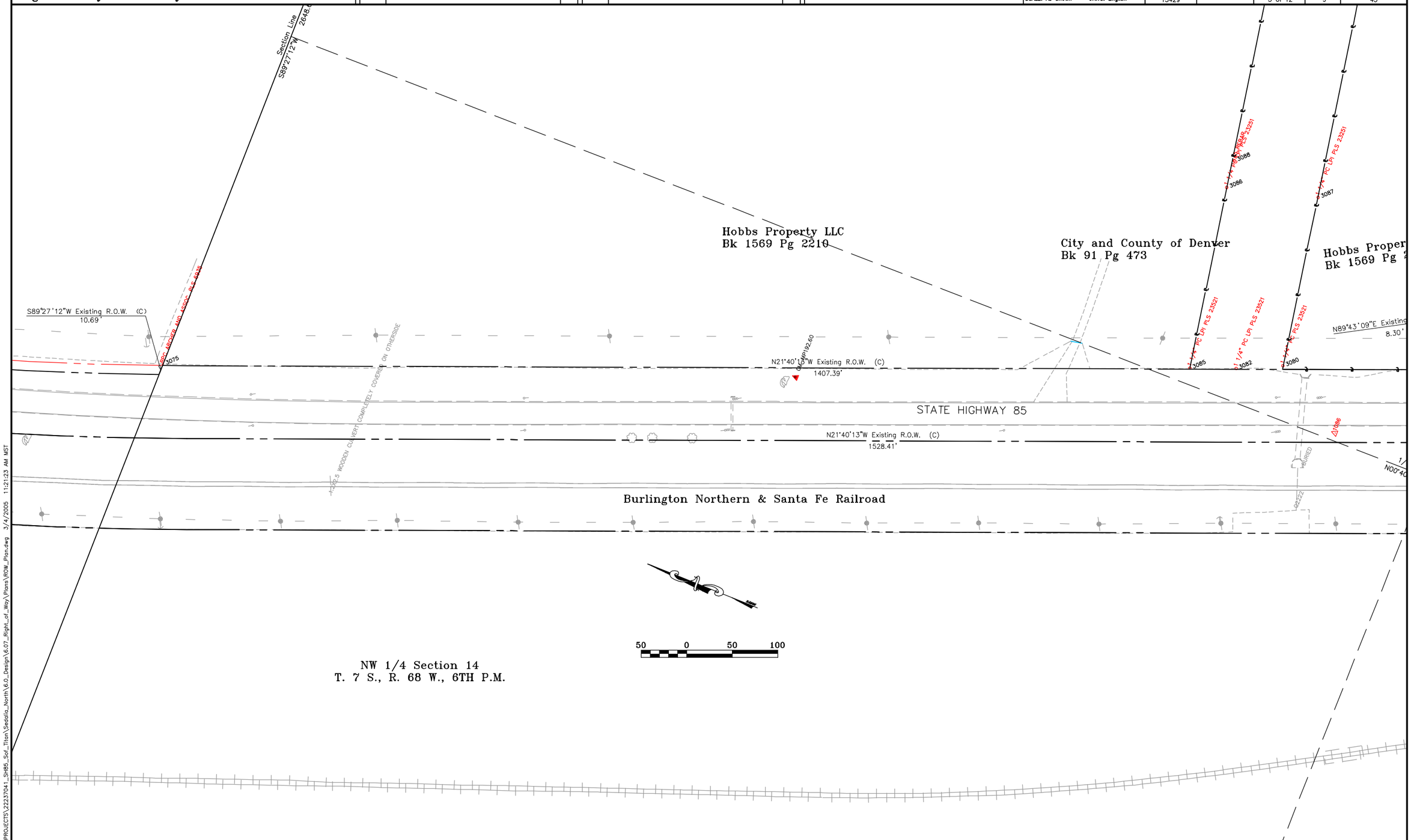

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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
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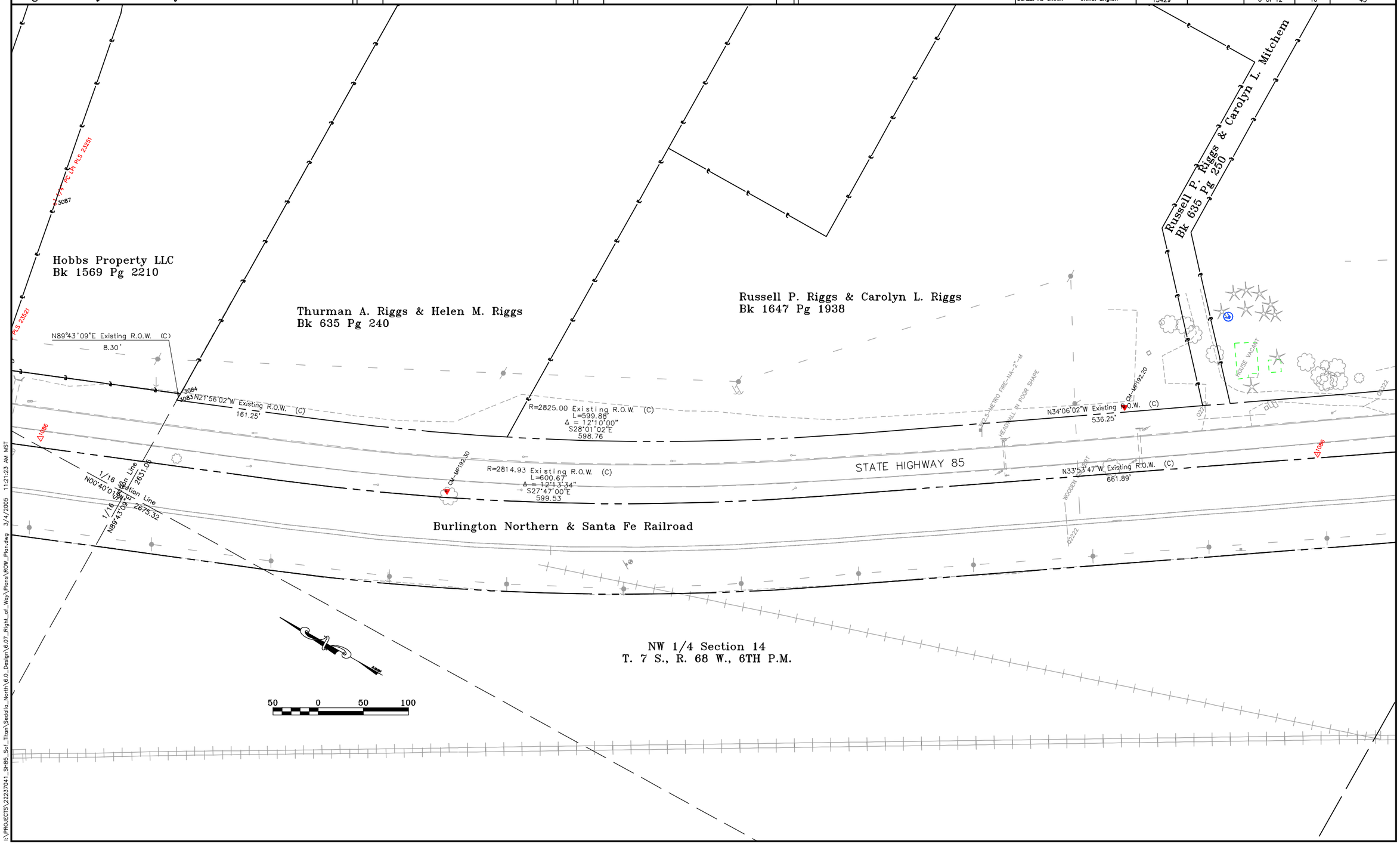

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Right-of-Way and Survey Unit: Kevin A. Williams

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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
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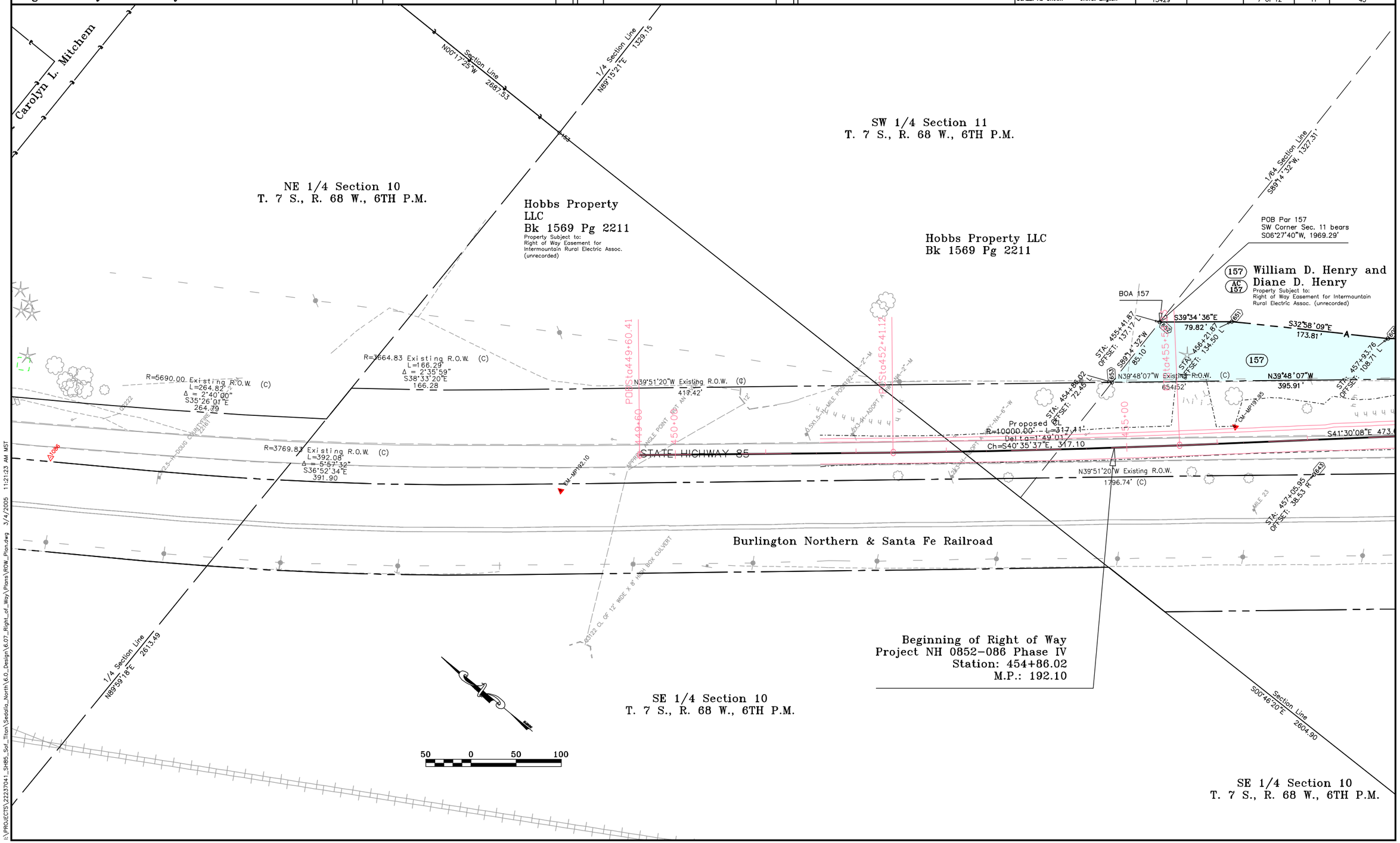

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Aurora, CO 80011
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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
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13429		8 of 12	12	43

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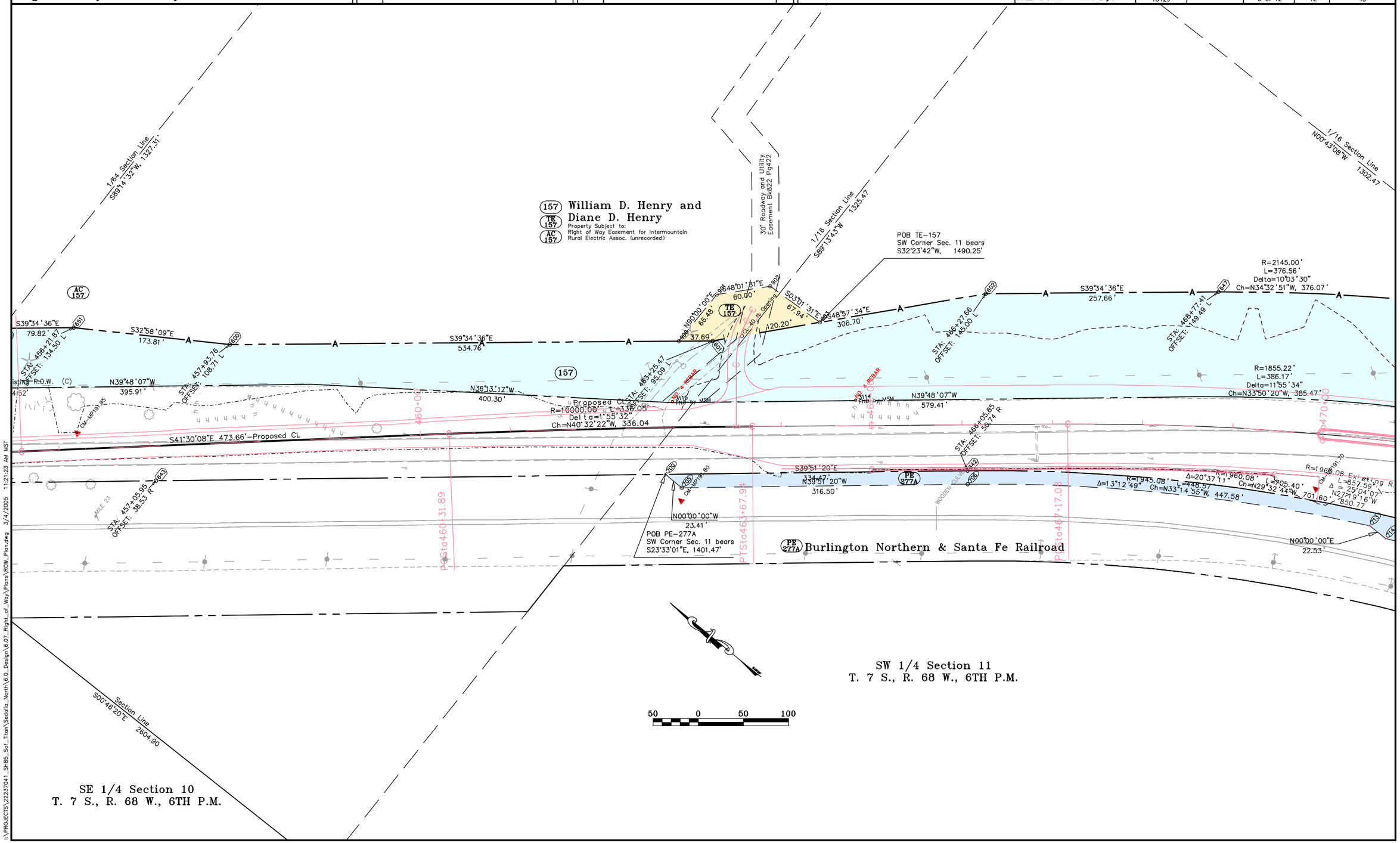

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COLORADO DEPARTMENT OF TRANSPORTATION

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Region 1
18500 E. Colfax Avenue
Aurora, CO 80011
Phone: (303) 757-9117 FAX: (303) 757-9746
Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions

Date	Description	Initials
3/2/05	Revised Parcels 158 & 161 (Boundary correction)	BDL
5/02/05	Corrected existing easement location- Ownership 162	BDL
02/02/07	Name Change on TE-162, AC-165, and TE-165.	PHK

Sheet Revisions

Date	Description	Initials

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URS Corporation
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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
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13429		9 of 12	13	43

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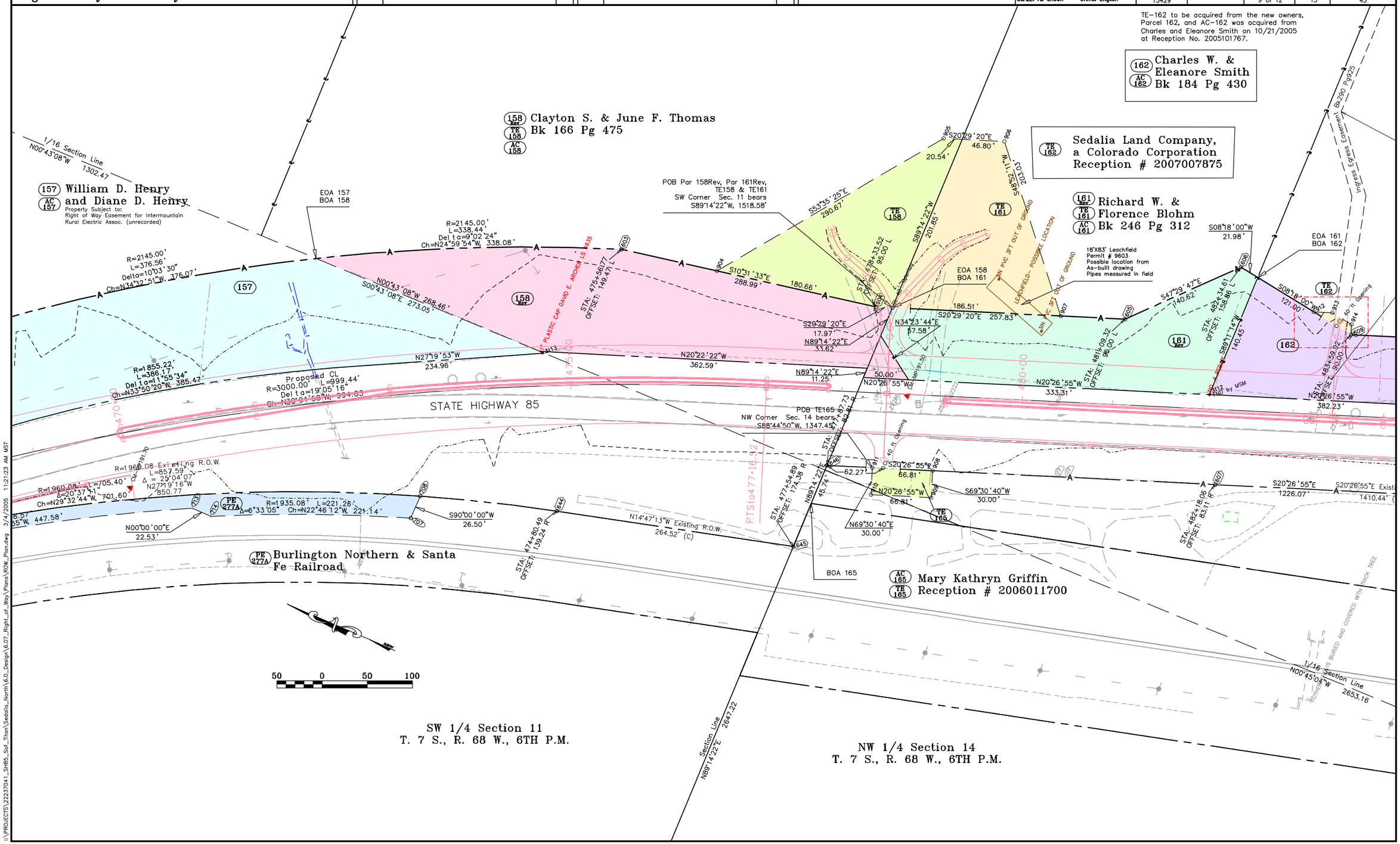

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COLORADO DEPARTMENT OF TRANSPORTATION

DOT — DEPARTMENT OF TRANSPORTATION
Region 1
18500 E. Colfax Avenue
Aurora, CO 80011
Phone: (303) 757-9117 FAX: (303) 757-9746
Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions

Date	Description	Initials
3/7/05	Revised TE163, TE164,& AC164	BDL
4/25/05	Deleted PE-165	BDL
5/02/05	Corrected existing easement location- Ownership 162	BDL
5/11/05	Added dimension for AC-167- Ownership 167	BDL
02/02/07	Name Change on TE-162, TE-163 Rev, AC-165, and TE-165	HLS

Sheet Revisions

Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

CREATION DATE: 11/18/2004 INITIALS: BDL
LAST MOD. DATE: 02/02/2007 INITIALS: HLS
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SCALE: As Shown UNITS: English

Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		10 of 12	14	43

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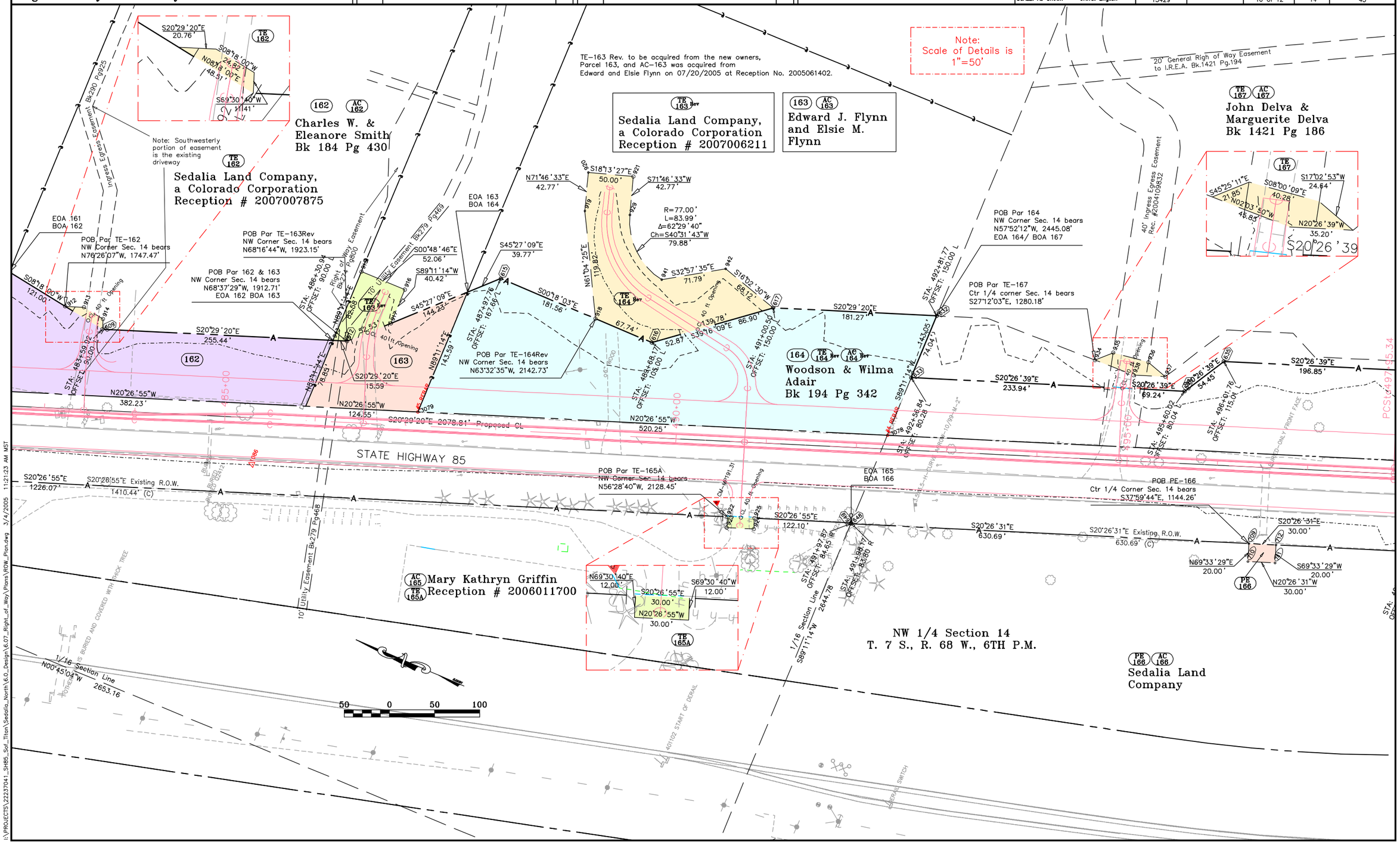

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COLORADO DEPARTMENT OF TRANSPORTATION

DOT — DEPARTMENT OF TRANSPORTATION
Region 1
18500 E. Colfax Avenue
Aurora, CO 80011
Phone: (303) 757-9117 FAX: (303) 757-9746
Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
3/2/05	Revised AC-167A	BDL

Sheet Revisions		
Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information	
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LAST MOD. DATE: 3/2/2005	INITIALS: BDL
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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		11 of 12	15	43

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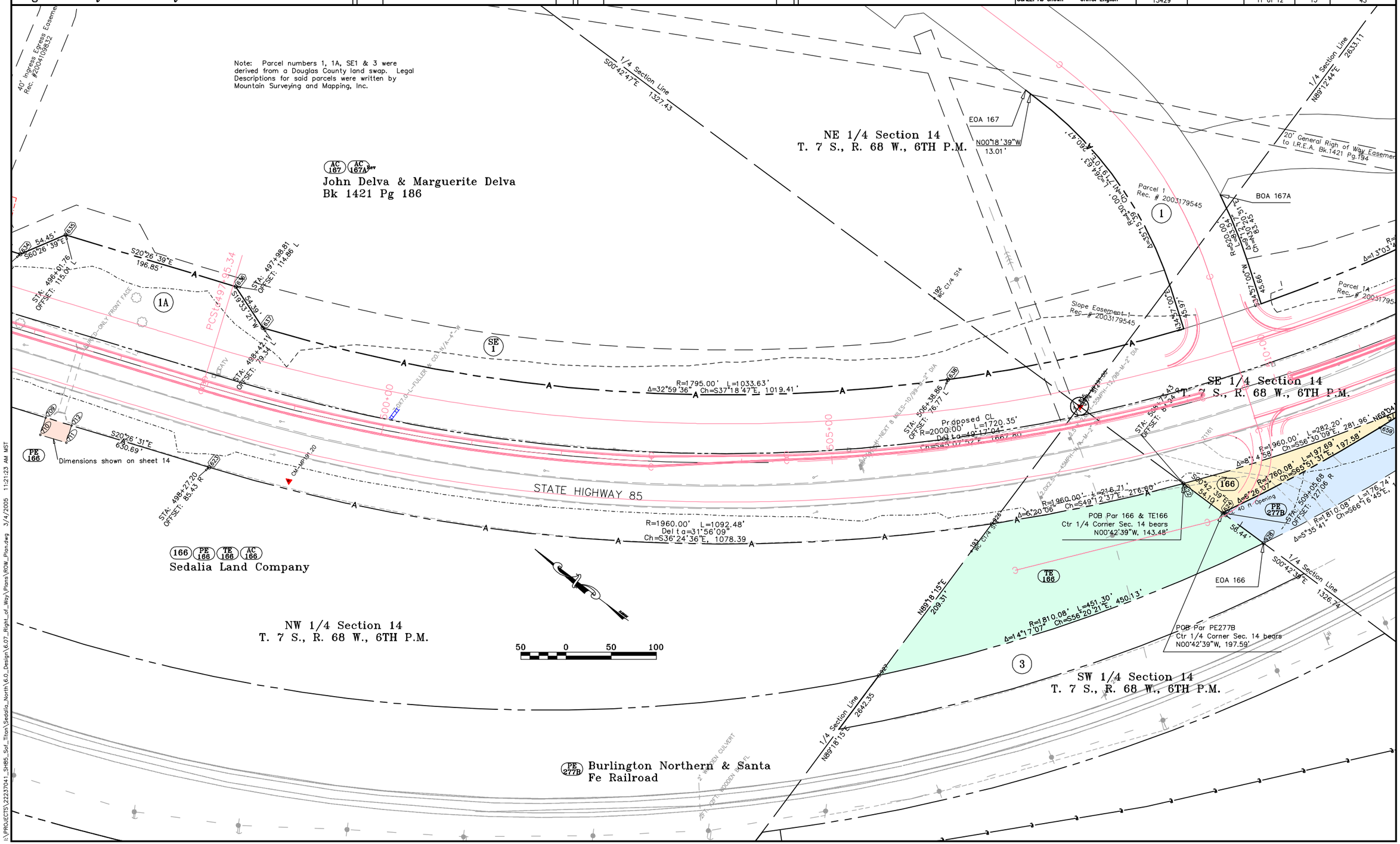

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COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
3/2/05	Revised AC-167A	BDL

Sheet Revisions		
Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information	
CREATION DATE: 11/18/2004	INITIALS: BDL
LAST MOD. DATE: 3/2/2005	INITIALS: BDL
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Right of Way Plans
PLAN SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)

Project Location: SH 85, Meadows to C470

Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		12 of 12	16	43

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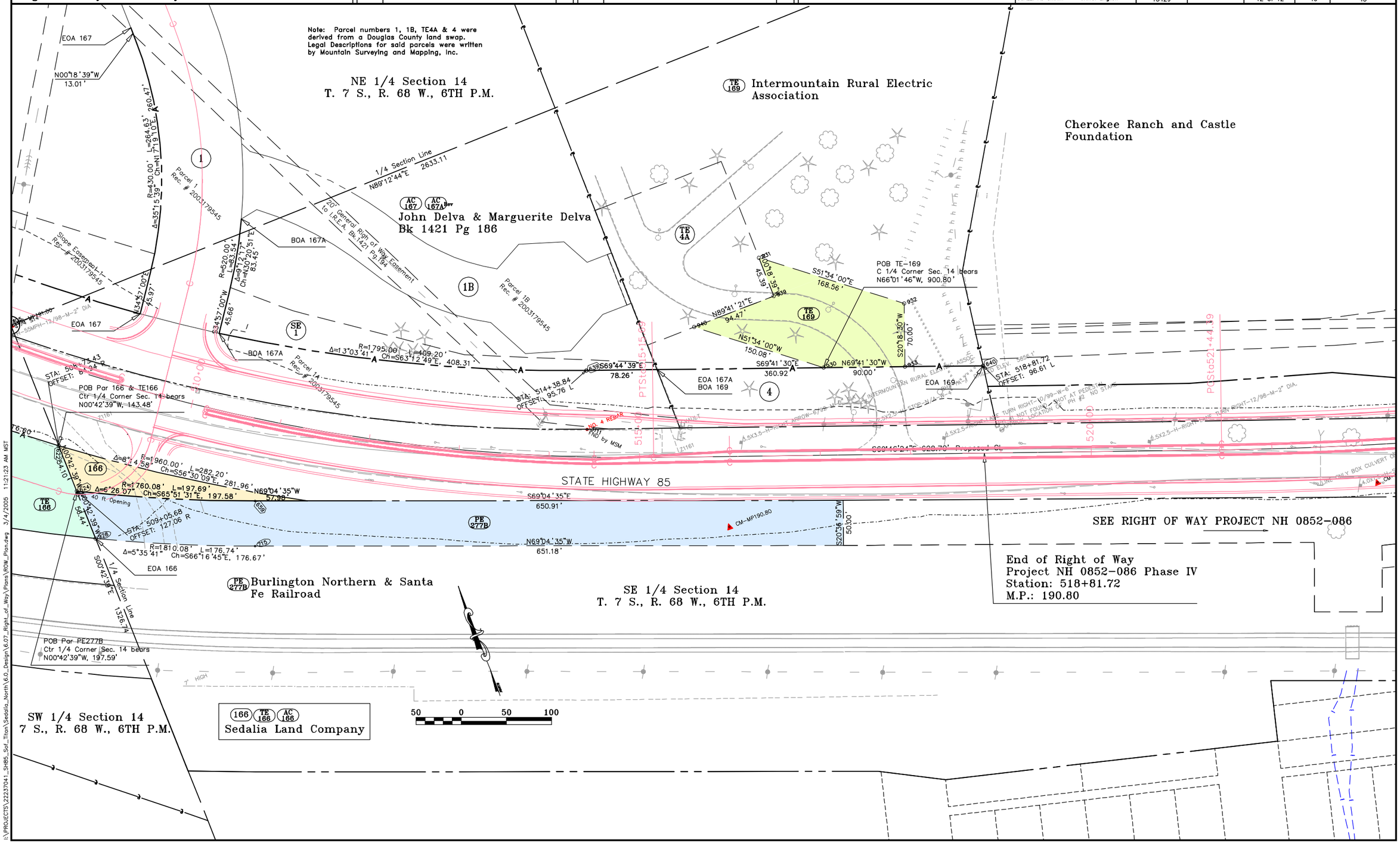

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COLORADO DEPARTMENT OF TRANSPORTATION

DOT DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
XX/XX/XX	X	XXX

Sheet Revisions		
Date	Description	Initials

Prepared By: URS

URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

CREATION DATE: 11/18/2004 INITIALS: BDL
LAST MOD. DATE: 2/1/2005 INITIALS: BDL
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Right of Way Plans
OWNERSHIP SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
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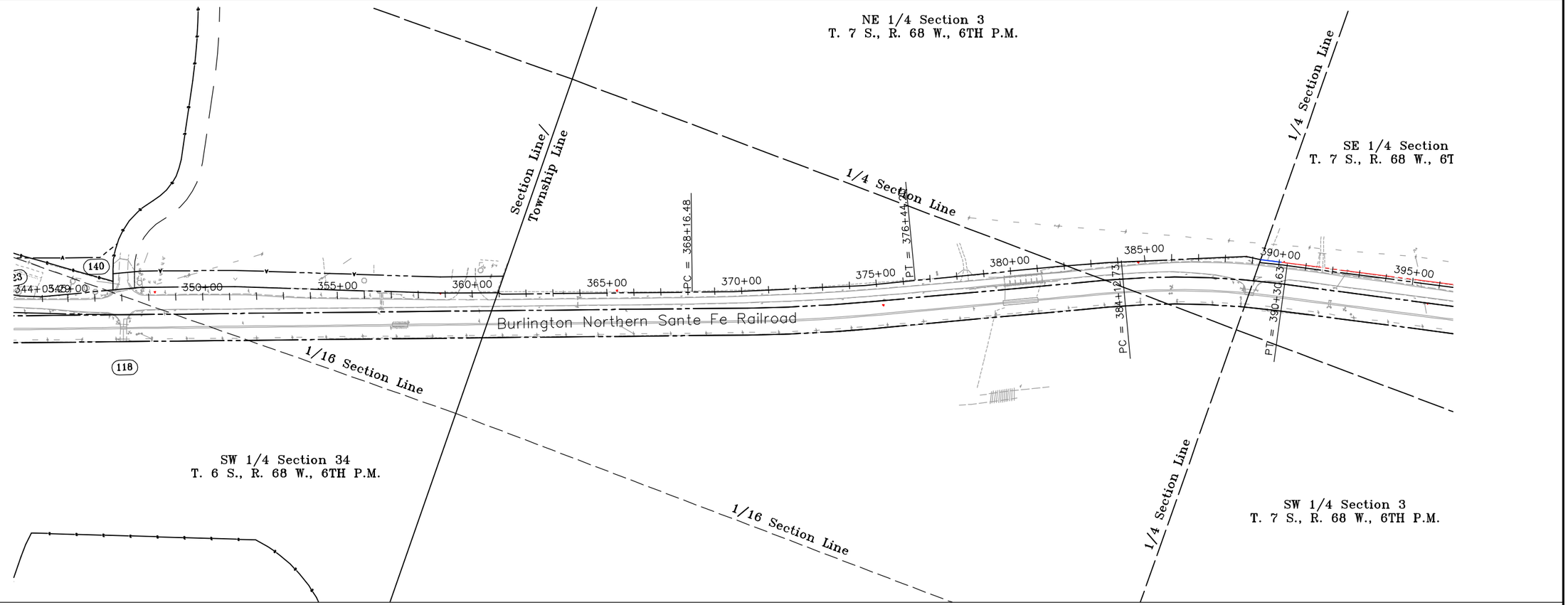

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COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions		
Date	Description	Initials
XX/XX/XX	X	XXX

Sheet Revisions		
Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information	
CREATION DATE: 11/18/2004	INITIALS: BDL
LAST MOD. DATE: 2/1/2005	INITIALS: BDL
DRAWING NAME & FULL PATH: SEE LEFT	
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SCALE: As Shown	UNITS: English

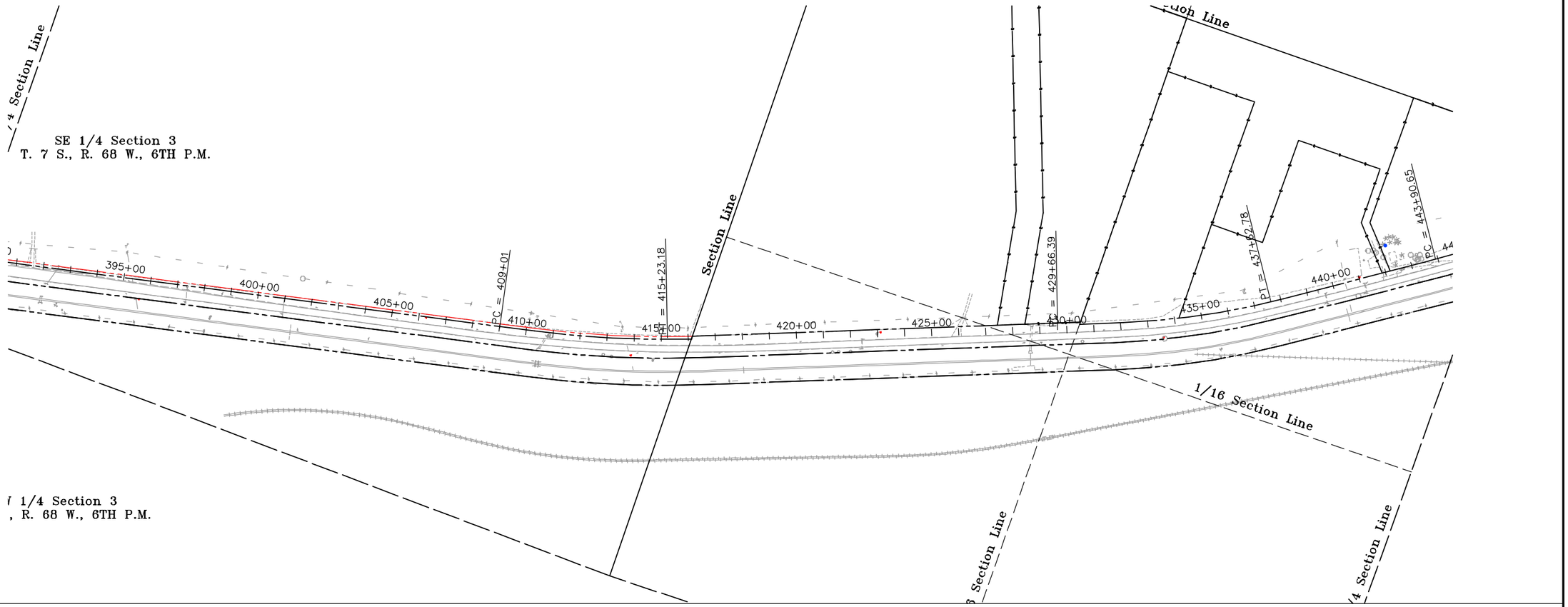
Right of Way Plans
OWNERSHIP SHEET

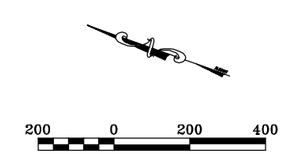
Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)

Project Location: SH 85, Meadows to C470

Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		2 of 4	18	43





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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions

Date	Description	Initials
3/2/05	Revised Parcels 158 & 161 (boundary correction)	BDL
3/2/05	Revised TE-163, TE-164 & AC-164	BDL
4/25/05	Deleted PE-165	BDL
5/02/05	Corrected existing easement location– Ownership 162	BDL
2/02/07	Name change on TE-162, TE-163 Rev, AC-165, TE-165, and TE-165A	HLS

Sheet Revisions

Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

CREATION DATE: 11/18/2004 INITIALS: TWS
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Right of Way Plans
OWNERSHIP SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
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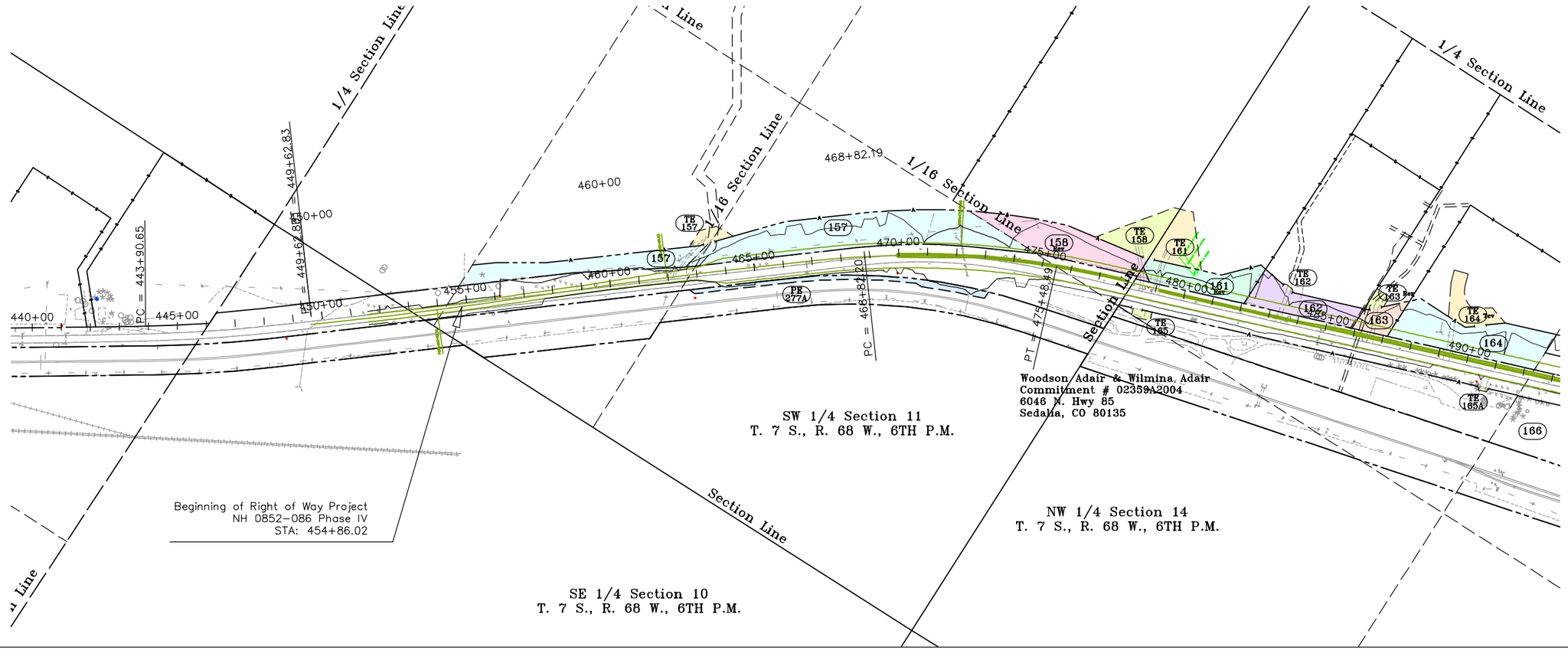

AC 157 / 157 / TE 157
William D. Henry & Diane D. Henry
Commitment # 02378A2004
P.O. Box 365
6490 W. Hwy 85
Sedalia, CO 80135

AC 158 Rev / 158 / TE 158
Clayton S. Thomas
Commitment # 02377A2004
6222 N. U.S. Hwy 85
Sedalia, CO 80135

AC 161 / 161 Rev / TE 161
Steven Blohm & Florence Blohm
Commitment # 02362A2004
6200 N. Hwy 85
Sedalia, CO 80135

AC 162 / 162
Charles W. Smith & M. Eleanore Smith
Commitment # 02361A2004
P.O. Box 105
6142 N. Hwy 85
Sedalia, CO 80135

TE 162
Sedalia Land Company, a Colorado Corporation
5970 North Highway 85
Sedalia, CO 80135

AC 163 / 163
Edward J. Flynn & Elsie M. Flynn
Commitment # 02360A2004
6090 N. U.S. Hwy 85
Sedalia, CO 80135

TE 163 Rev
Sedalia Land Company, a Colorado Corporation
5970 North Highway 85
Sedalia, CO 80135

AC 164 Rev / 164 / TE 164 Rev
Woodson Adair & Wilmina Adair
Commitment # 02359A2004
6046 N. Hwy 85
Sedalia, CO 80135

AC 165 / TE 165 / TE 165A
Mary Kathryn Griffin
5557 North Highway 85
P.O. Box 284
Sedalia, CO 80135

AC 166 / TE 166 / PE 166
Sedalia Land Company
Commitment # 02357A2004
3773 Cherry Creek Drive North
Suite 801
Denver, CO 80209

PE 277A
Burlington Northern Sante Fe Railroad

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COLORADO DEPARTMENT OF TRANSPORTATION

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

Right-of-Way and Survey Unit: Kevin A. Williams

Sheet Revisions

Date	Description	Initials
3/2/05	Revised TE-163, TE-164, AC-164 & AC-167A	BDL
2/2/07	Name change on TE-163 Rev, TE-165A.	HLS

Sheet Revisions

Date	Description	Initials

Prepared By: URS
URS Corporation
8181 East Tufts Ave. Denver, CO 80237
Phone: (303)694-2770 Fax: (303) 694-3946

Computer File Information

CREATION DATE: 11/18/2004 INITIALS: TWS
LAST MOD. DATE: 2/2/2007 INITIALS: HLS
DRAWING NAME & FULL PATH: SEE LEFT
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SCALE: As Shown UNITS: English

Right of Way Plans
OWNERSHIP SHEET

Project Number: NH 0852-086 Phase IV (ROW) / NH 0852-097 (Const.) (P.C. 15139)
Project Location: SH 85, Meadows to C470
Project Location: Louviers South to Sedalia / M.P. 194.0 to M.P. 190.6

Project Code:		Subset Sheets	Sheet No.	Total No. of Sheets
13429		4 of 4	20	43

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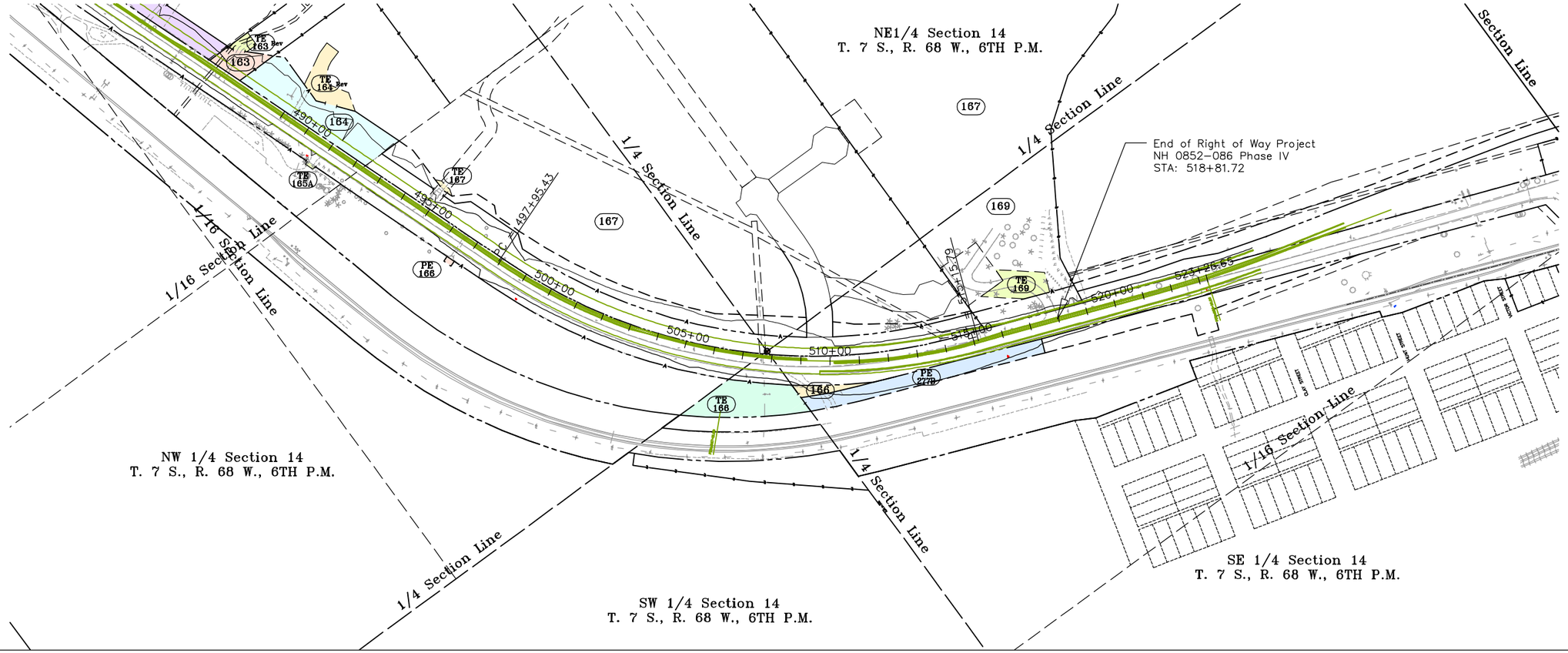

AC 163 / 163 — Edward J. Flynn & Elsie M. Flynn
Commitment # 02360A2004
6090 N. U.S. Hwy 85
Sedalia, CO 80135

TE 163 Rev — Sedalia Land Company, a Colorado Corporation
5970 North Highway 85
Sedalia, CO 80135

AC 164 Rev / 164 / PE 165 / TE 164 Rev — Woodson Adair & Wilmina Adair
Commitment# 20359A2004
6046 N. Hwy 85
Sedalia, CO 80135

AC 165 / TE 165 / TE 165A — Mary Kathryn Griffin
5557 North Highway 85
P.O. Box 284
Sedalia, CO 80135

166 / TE 166 — Sedalia Land Company
Commitment # 02357A2004
3773 Cherry Creek Drive North
Suite 801
Denver, CO 80209

AC 167 / TE 167 / AC 167A Rev — John Delva & Marguerite Delva
Commitment # 02358A2004
6240 Meadowbrook Lane
Sedalia, CO 80135

AC 169 — The Intermountain Rural Electric Association
Commitment # 01040A2003
5496 N. U.S. 85
Sedalia, CO 80135

PE 277B — Burlington Northern Sante Fe Railroad

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