

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY

Oklahoma State Line -
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NH(CX) 287-1(21)	1	19
REVISIONS				

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. NH(CX) 287-1(21) STATE HIGHWAY NO. 287 BACA COUNTY RIGHT OF WAY

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	-----
Access denied by Deed	OP=Opening 240P 160P EOA
Right of Way Line	----- R.O.W. Marker
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	Exist. New Relocated To be Removed
Electric Lines	Exist. New Relocated To be Removed
Elec. Trans. Tower	Exist. New Relocated To be Removed
Buried Tel. Cable	Exist. New
Buried Electric Cable	Exist. New
Gas Main	Exist. New
Oil Main	Exist. New
Water Main	Exist. New
Sanitary Sewers	Exist. New
Storm Sewers	Exist. New
Road Approaches	New Existing
Section Corner	Center of Section
Culverts & Drains	Proposed Existing No Hdvt. 1 Hdvt. 2 Hdvt. End Sections
Bridges	Proposed Existing (to be dashed) Siphon CBC

BASIS OF BEARINGS

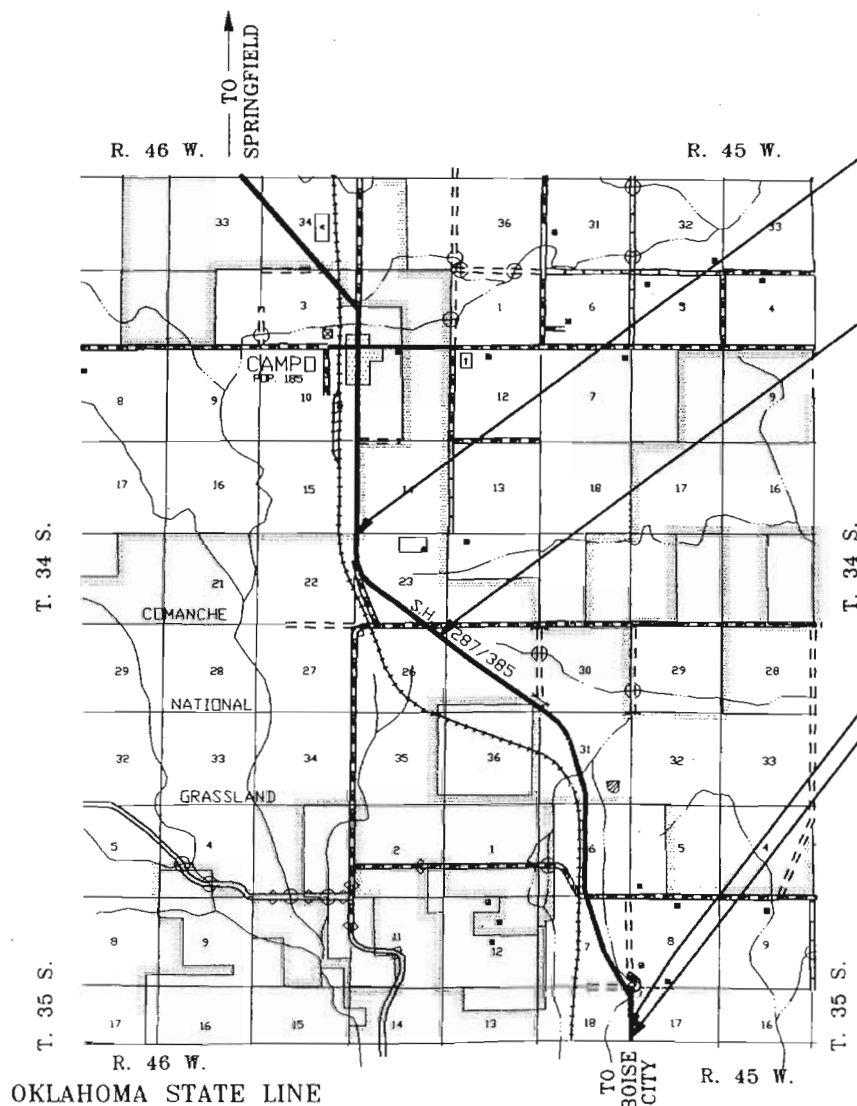
The basis of bearings for this project was determined from GPS observations taken between Point 30 (CM MP 2.97 Rt.) and Point 33 (CM MP 3.30 Rt.). The derived grid bearing of the line from Point 30 to Point 33 is N.26°48'55.2"W. a distance of 1,683.606 feet.

SCALES OF ORIGINAL DRAWINGS

PLAN SHEETS 1 in. = 100 ft.
DETAIL SHEETS 1 in. = 1 ft.
OWNERSHIP MAP 1 in. = 600 ft.
R.O.W. LENGTH OF PROJECT = 6.84 miles

INDEX OF SHEETS

1	TITLE SHEET
2,2A	TABULATION OF PROPERTIES SHEET
3-3D	CONTROL SHEET
3E	MONUMENTATION SHEET
3F	PIT SKETCH
4	TABULATION OF ROAD APPROACHES SHEET
5-17	PLAN SHEETS
18,19	OWNERSHIP MAP SHEETS



STA. 361+65.08 (Proposed) END R.O.W.
PROJECT NO. NH(CX) 287-1(21)
M.P. 6.82

STA. 295+57.67 END CONSTRUCTION
PROJECT NO. NH(CX) 287-1(21)
M.P. 5.57

STA 0+50.00 (Proposed) BEGIN R.O.W.
PROJECT NO. NH(CX) 2871-1(21)
M.P. 0.04

STA 0+00.00 BEGIN CONSTRUCTION
PROJECT NO. NH(CX) 2871-1(21)
M.P. 0.03

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discovered such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

CERTIFICATION: The undersigned office surveyor hereby certifies that this right-of-way plan delineates the property acquired by the Colorado Department of Transportation under Project NH(CX)287-1(21) and the undersigned field surveyor certifies that the property has been monumented as shown on the plan. This row-of-way plan is null and void unless it bears the original signatures and seals of the Professional Land Surveyors in responsible charge of the work.

FIELD SURVEYOR CERTIFICATE

ROW MONUMENTATION WAS DONE UNDER MY SUPERVISION AND CHECKING

NAME: _____

PLS NUMBER: _____

DATE: _____

OFFICE SURVEYOR CERTIFICATE

ROW PLANS WERE DONE UNDER MY SUPERVISION AND CHECKING

NAME: _____

PLS NUMBER: _____

DATE: _____

R.O.W. TABULATION OF PROPERTIES IN BACA COUNTY

S.H. NO. 287

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NH(CX) 287-1(21)	2	19
RIGHT OF WAY				REVISIONS
Oklahoma State Line - North				

PARCEL NUMBER	OWNER	ADDRESS	LOCATION T.34S.,T.35S.,R.45W.,R.46W.	ACRES				PARCEL NUMBER	REMARKS
				PARCEL	TO BE ACQUIRED	REMAINDER			
						LEFT	RIGHT		
1	ROBERT S. GAYLER	North Star Route Boise City, OK 73933	Lot 12, Section 18,T.35S.,R.45W.	0.083	0.083	254±	-0-	1	
1A	ROBERT S. GAYLER	North Star Route Boise City, OK 73933	NE 1/4 Section 18, T.35S.,R.45W.	1.948	1.948	See Parcel 1	-0-	1A	
2	KENNETH SHAW	31248 County Rd B Campo, CO 81029	Lot 8 & NW 1/4 of Sec. 17,T.35S.,R.45W.	0.141	0.141	-0-	326±	2	
3	KENNETH L. SHAW AND WILMA D. SHAW, J.T.	See Parcel 2	S1/2SE1/4, Section 7,T.35S.,R.45W.	2.279	2.279	25±	-0-	3	
4	KENNETH SHAW, an undivided 1/2 INT. LESTER SHAW, an undivided 1/2 INT.	K. SHAW - 31248 County Rd. B Campo, CO 81029	Lot 10, N1/2SE1/4, and W1/2NE1/4, Section 7, T.35S., R.45W.	6.171	6.171	72±	-0-	4	
5	RAYMOND C. JENKINS & FERNE F. JENKINS, J.T.	31065 County Rd. C Campo, CO 81029	Tracts B & C of Survey Plat in Section 6, T.35S., R.45W.	7.982	7.982	6±	-0-	5	
5A	See Parcel 5	See Parcel 5	Tract D of Survey Plat in Section 6, T.35S., R.45W.	0.387	0.387	-0-	106±	5A	
6	RAYMOND C. JENKINS AND FERNE F. JENKINS, J.T.	31065 County Rd. C Campo, CO 81029	Tract E of Survey Plat in Section 6, T.35S., R.45W.	0.394	0.394	-0-	83±	6	
7	U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE	1920 Valley Drive Pueblo, Colorado 81008	SE 1/4 & W 1/2 Sec.31 T.34S.,R.45W; NE 1/4 Sec.36 T.34S., R.46W Sec.25, T.34S., R.46W;	33.335	26.903	-	-	7	
						-	-	7	
TE-7	U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE	Same as parcel 7	SW 1/4 Sec.31, T.34S., R.45W.	0.04	-	-	-	TE-7	Construction of a drainage facility
TE-7A	U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE	Same as parcel 7	NE 1/4 Sec.36, T.34S., R.46W.	0.03	-	-	-	TE-7A	Construction of a field approach
8	MURIEL I. MILLS, as to a life estate and ANITA L. JAMES and LLOYD B. JAMES, J.T., 1/3 int. ARLIN E. MILLS and WAHNETTA R. MILLS, J.T., 1/3 int. DELORES J. JONES and DONALD E. JONES, J.T., 1/3 int.	Arlin & Wahnetta R. Mills 405 E. 15th Ellis, Kansas 67637-1813	Lot 8 of Sec.30, T.34S., R.45W.	0.001	0.001	-0-	80±	8	
9	STATE OF COLORADO BOARD OF LAND COMMISSIONERS		Tract No.40, Sec.25, T.34S., R.46W.	3.167	***	635±	3±	9	***1.871 acres are within the right of way of the present road-to be acquired area equals 1.296 acres
TE-9	STATE OF COLORADO BOARD OF LAND COMMISSIONERS		Tract No.40, Sec.25, T.34S., R.46W.	0.03	-	-	-	TE-9	Construction of a field approach
10	U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE	Same as parcel 7	S 1/2 & NW 1/4 of Sec.25 and NE 1/4 of Sec.26 T.34S., R.46W.	25.484	25.484	-	-	10	
TE-10	U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE	Same as parcel 7	SW 1/4 Sec.25 T.34S., R.46W.	0.03	-	-	-	TE-10	Construction of a drainage facility
TE-10A	U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE	same as parcel 7	SW 1/4 Sec.25 T.34S., R.46W.	0.14	-	-	-	TE-10A	Construction of a drainage facility
TE-10B	U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE	Same as parcel 7	NE 1/4 Sec.26 T.34S., R.46W.	0.03	-	-	-	TE-10B	Construction of a field approach
11	US DEPARTMENT OF AGRICULTURE FOREST SERVICE	Same as parcel 7	S 1/2 & NW 1/4 Sec.23 and NE 1/4 of Sec.22, T.34S., R.46W.	13.598	18.598	-	-	11	

R.O.W. TABULATION OF PROPERTIES IN IN BACA COUNTY

S.H. NO. 287

FEDERAL ROAD REGIONAL ROAD NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NH(CX) 287-1(21)	2A	19
RIGHT OF WAY		REVISIONS		
Oklahoma State Line - North				

[illegible]

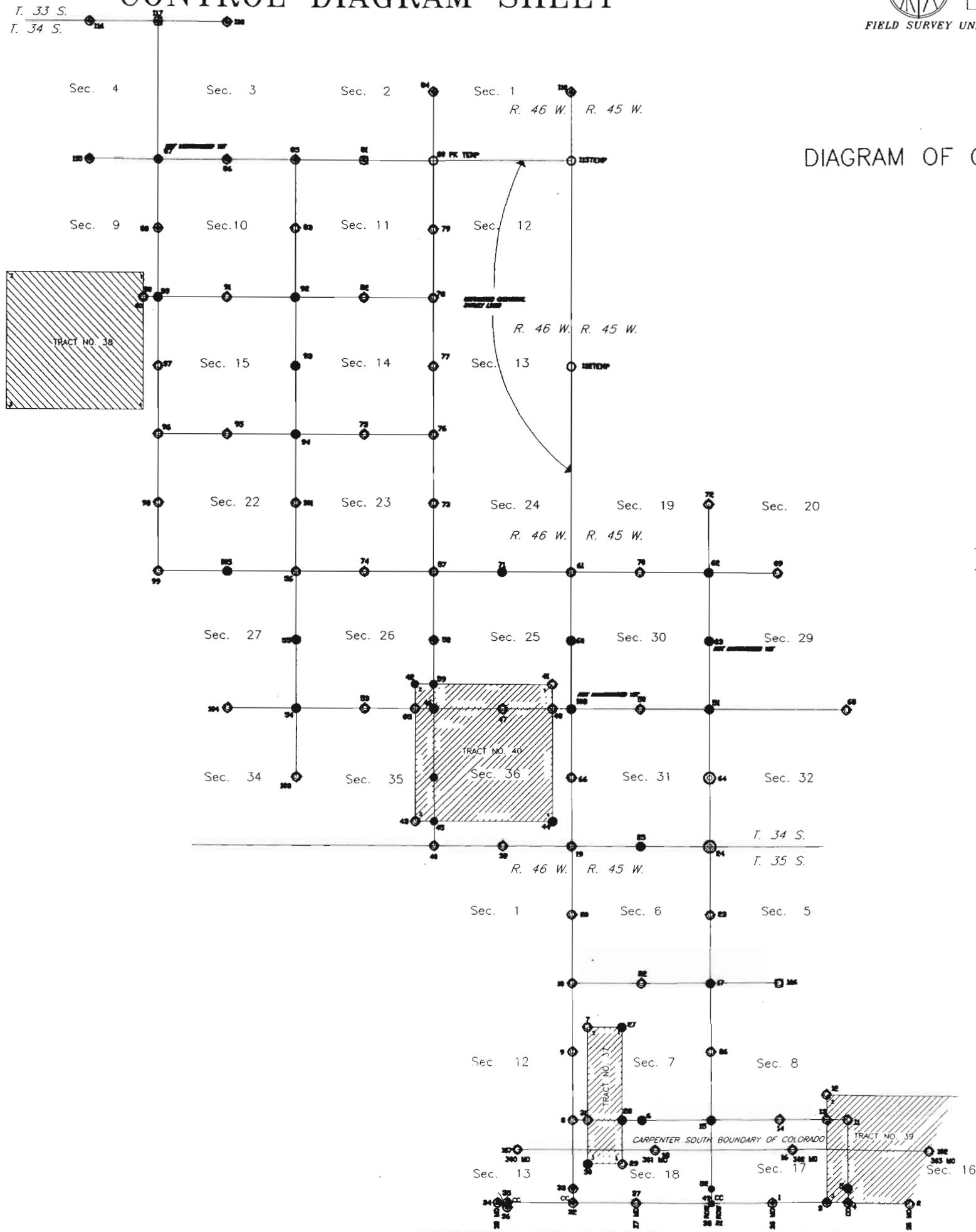
FILING CERTIFICATION 19____ AT _____ M. FOR INFORMATION
DEPOSITED THIS _____ DAY OF _____ OF THE COUNTY LAND SURVEYS / RIGHT OF WAY
ONLY. IN BOOK _____ RECEPTION NUMBER _____ DEPT.
SIGNED _____



COLORADO DEPARTMENT OF TRANSPORTATION

DRAWN BY: _____
SUBACCOUNT _____
DATE _____

CONTROL DIAGRAM SHEET



REGION 2



FIELD SURVEY UNIT

REVISIONS

REVISION NO.	REVISIONS

REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
VIII	COLO.	NH (CX)287 - 1(021)	3	9

LOCATION: OKLAHOMA STATE LINE NORTH
BACA
TOWNSHIP 34 - 35 SOUTH, RANGE 45 - 46 WEST
OF THE 6th P.M.

GENERAL NOTES

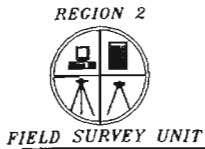
- 1.) This Control Survey is for the use of the Colorado Department of Transportation. This survey is NOT a complete Land or Right of Way survey, nor is this Control Diagram Sheet a Land or Right of Way Survey Plat.
- 2.) NOTICE: According to Colorado Law, you must commence any legal action based upon any defect in this survey within three years after you first discover such defect, in no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.
- 3.) No guarantee as to the accuracy of the information contained hereon is implied or expressed unless this copy bears an original signature and seal of Registered Land Surveyor named.
- 4.) THIS DIAGRAM IS FOR INFORMATION ONLY. NO SCALE IS INTENDED OR IMPLIED.

NOT TO SCALE

SURVEY SYMBOL TABLE

- RECOVERED BY PROPORTION
- FOUND EVIDENCE OF ORIGINAL CORNER
- RECOVERED POINT

CONTROL DIAGRAM SHEET



REVISIONS		

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
VIII	COLO.	NH(CX) 287-1(21)	3A	

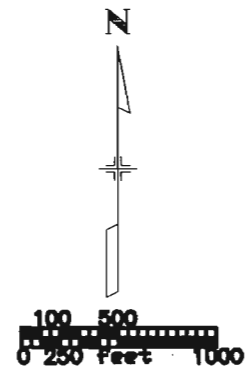
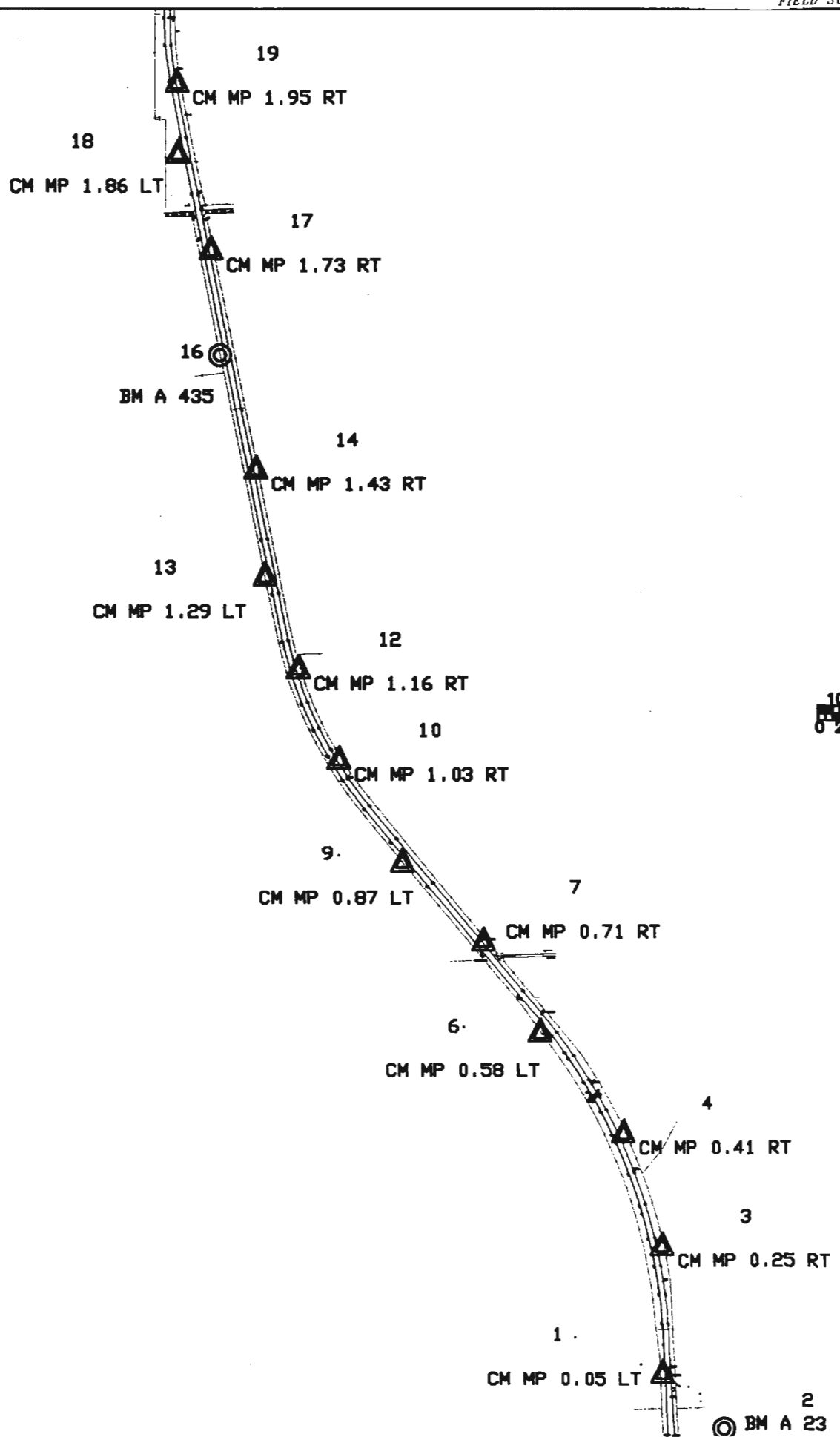
LOCATION: STATE HIGHWAY 287
BACA COUNTY
TOWNSHIP 34&35 SOUTH, RANGE 46&47 WEST
OF THE 6TH P.M.

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. _____



COLORADO DEPARTMENT OF TRANSPORTATION

DRAWN BY: Mark E. Lane
SUBACCOUNT: 92993
DATE: 3-7-94



SURVEY SYMBOL TABLE

- NGS BENCH MARK
- ▲ CONTROL POINTS SET BY C.D.T.

CONTROL DIAGRAM SHEET



REVISIONS		

REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
VIII	COLO.	NH(CX) 287-1(21)	38	

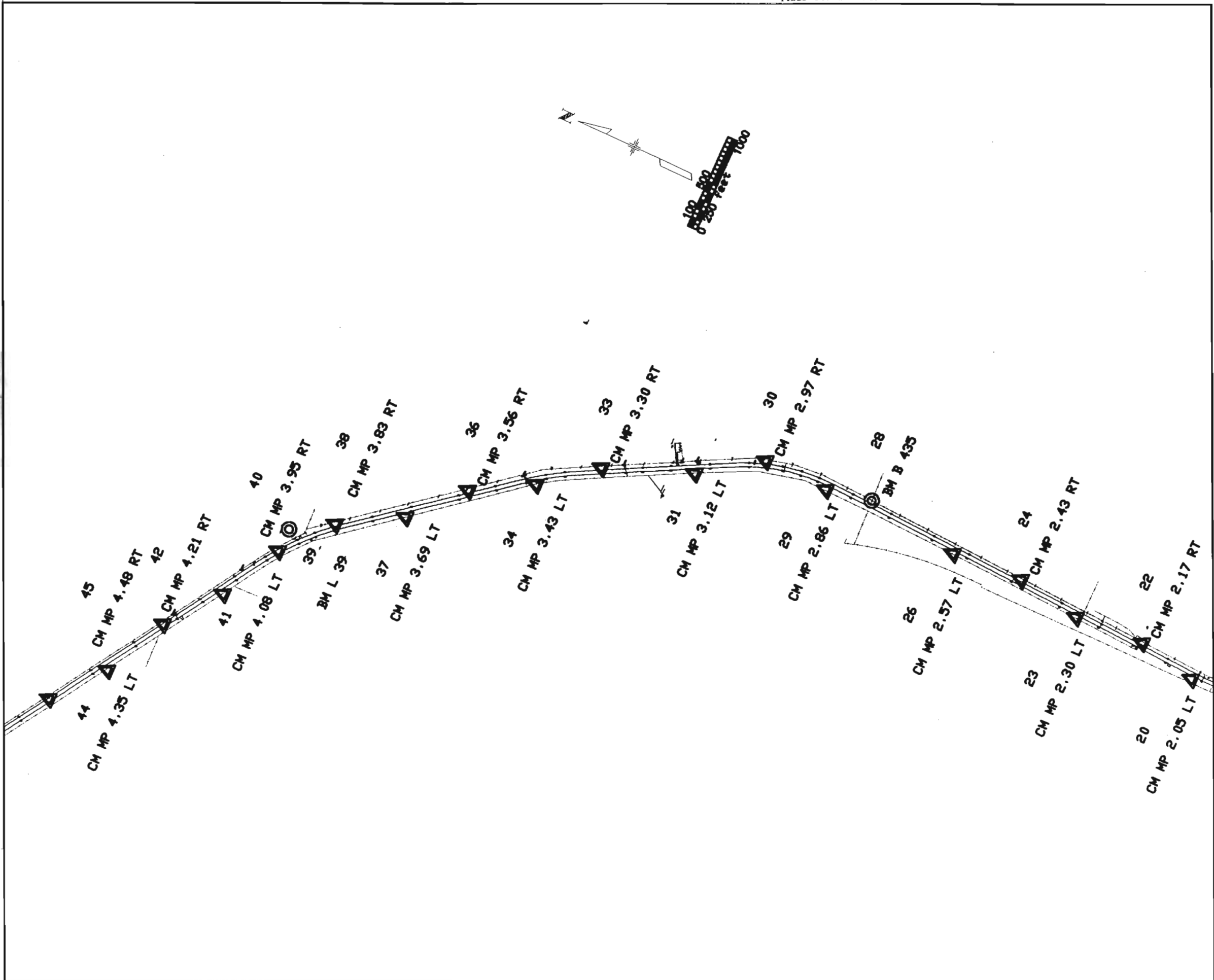
LOCATION: STATE HIGHWAY 287
BACA COUNTY
TOWNSHIP 34&35 SOUTH, RANGE 46&47 WEST
OF THE 6TH P.M.

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



COLORADO DEPARTMENT OF TRANSPORTATION

DRAWN BY: Mark E. Lane
SUBACCOUNT: 92993
DATE: 3-7-84



SURVEY SYMBOL TABLE

- INGS BENCH MARK
- ▲ CONTROL POINTS SET BY C.D.O.T.

CONTROL DIAGRAM SHEET



REVISIONS	

FEDERAL ROAD DISTRICT	DIVISION	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
VIII	COLO.	NH(CX) 287-1(21)	3C	

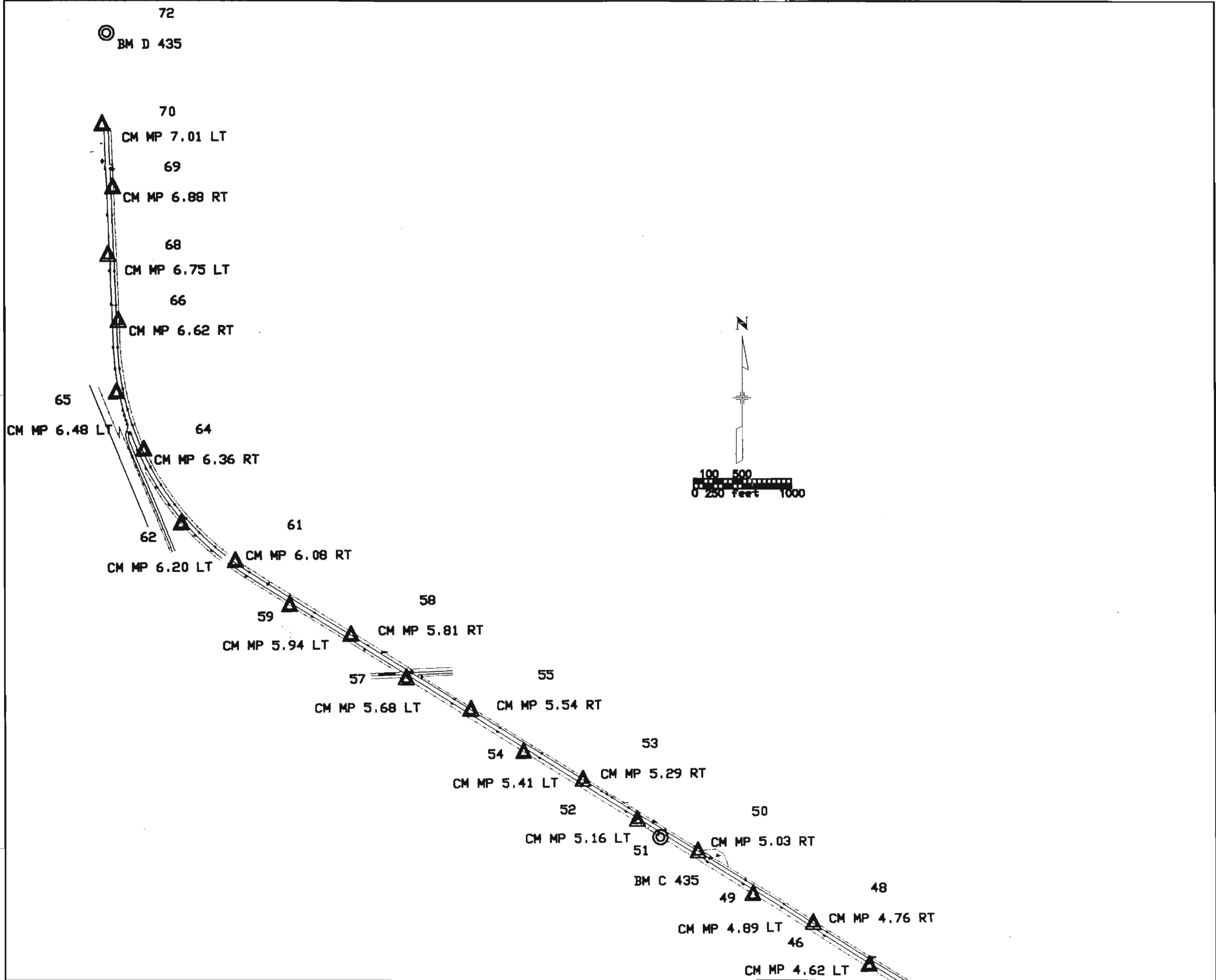
LOCATION: STATE HIGHWAY 287
BACA COUNTY
TOWNSHIP 34&35 SOUTH, RANGE 46&47 WEST
OF THE 6TH P.M.

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 _____



COLORADO DEPARTMENT OF TRANSPORTATION

DRAWN BY: Mark E. Lane
SUBACCOUNT: 92903
DATE: 3-7-84



SURVEY SYMBOL TABLE

- NGS BENCH MARK
- ▲ CONTROL POINTS SET BY C.D.O.T.

CONTROL DIAGRAM SHEET



REVISIONS	

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
VIII	COLO.	NH(CX) 287-1(21)	3D	

LOCATION: STATE HIGHWAY 287
BACA COUNTY
TOWNSHIP 34&35 SOUTH, RANGE 46&47 WEST
OF THE 6TH P.M.

GENERAL NOTES

1. This control survey is for the use of the Colorado Department of Transportation. This survey is not a complete Land or Right of Way Survey, nor is this Control Diagram Sheet a Land or Right of Way Survey Plat.
2. No guarantee as to the accuracy of the information contained hereon is either stated or implied unless this copy bears an original signature of the registered land surveyor named.
3. According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.
4. All coordinates listed are Modified Project Coordinates based on the datum of NAD83/92 and the Colorado State Plane Coordinate System - South Zone.
5. All elevations listed are true elevations based on the datum of NAVD88.
6. Survey control precision computed to exceed Colorado Department of Transportation Survey Manual Minimum Horizontal Control Tolerance for Type B Survey (+/- 0.25 ft. at 95% certainty.).

BASIS OF BEARING

The basis of bearing for this project was determined from GPS observations taken between Point 72 and Point 70. The derived grid azimuth of the line between these two points being 183° 29' 00.5" from North at a ground distance of 921.31'.

SURVEY SYMBOL TABLE

- NGS BENCH MARK
- ▲ CONTROL POINTS SET BY C.D.O.T.

SURVEYOR CERTIFICATE

I hereby state that this Control Survey Diagram was prepared from a field survey performed under my supervision and checking and that to the best of my knowledge all information presented hereon is true and correct.

DATE _____

QUANTITY OF MONUMENTS SET

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	4	5
REFERENCE								
RIGHT OF WAY								
CONTROL			50					
ALIQUOT CORNER								
WITNESS POST			50					

NH(CX)287-1(21)
Oklahoma State Line - North
Project Coordinates

Revised 3-2-94

TMDS Pnt #	Northing (-1 Million) (US Ft)	Easting (-3 Million) (US Ft)	Elevation (US Ft)	Description
2	133430.421	869901.560	4092.649	Brass Cap - USC&GS BM A 23
1	133832.282	869469.671	4080.149	CM MP 0.05 LT
3	134720.209	869472.703	4078.732	CM MP 0.25 RT
4	135511.432	869205.603	4065.002	CM MP 0.41 RT
6	136216.646	868630.467	4070.222	CM MP 0.58 LT
7	136855.352	868240.455	4073.473	CM MP 0.71 RT
9	137408.788	867681.221	4085.244	CM MP 0.87 LT
10	138125.090	867242.828	4104.359	CM MP 1.03 RT
12	138762.294	866967.672	4109.080	CM MP 1.16 RT
13	139414.280	866738.623	4112.498	CM MP 1.29 LT
14	140160.755	866674.855	4113.040	CM MP 1.43 RT
16	140946.613	866427.040	4121.468	Deep Rod - NDAA BM A 435
17	141689.353	866368.214	4128.197	CM MP 1.73 RT
18	142363.453	866140.015	4132.308	CM MP 1.86 LT
19	142857.105	866135.015	4142.636	CM MP 1.95 RT
20	143561.331	866018.679	4147.282	CM MP 2.05 LT
22	144172.999	866147.799	4148.227	CM MP 2.17 RT
23	144899.250	866109.429	4151.560	CM MP 2.30 LT
24	145570.009	866229.355	4152.551	CM MP 2.43 RT
26	146311.758	866187.589	4160.018	CM MP 2.57 LT
28	147268.273	866344.756	4168.230	Deep Rod - NDAA BM B 435
29	147757.422	866256.249	4182.049	CM MP 2.86 LT
30	148435.654	866274.645	4188.574	CM MP 2.97 RT
31	149046.567	865856.991	4212.725	CM MP 3.12 LT
33	149938.214	865515.143	4212.941	CM MP 3.30 RT
34	150475.968	865084.997	4226.127	CM MP 3.43 LT
36	151080.387	864747.399	4242.518	CM MP 3.56 RT
37	151547.719	864232.319	4261.504	CM MP 3.69 LT
38	152175.436	863874.137	4269.220	CM MP 3.83 RT
39	152563.961	863631.083	4271.481	Brass Cap - USC&GS BM L 39
40	152595.840	863382.208	4275.746	CM MP 3.95 RT
41	152926.386	862749.316	4270.736	CM MP 4.08 LT
42	153361.596	862216.392	4274.962	CM MP 4.21 RT
44	153681.940	861531.996	4281.225	CM MP 4.35 LT
45	154108.684	861040.811	4283.508	CM MP 4.48 RT
46	154477.344	860359.791	4284.217	CM MP 4.62 LT
48	154904.376	859795.212	4289.066	CM MP 4.76 RT
49	155202.453	859176.876	4294.631	CM MP 4.89 LT
50	155648.482	858618.715	4305.802	CM MP 5.03 RT
51	155787.443	858238.387	4305.274	Deep Rod - NDAA BM C 435
52	155977.095	858005.475	4306.451	CM MP 5.16 LT
53	156391.947	857457.428	4307.137	CM MP 5.29 RT
54	156678.585	856857.288	4309.063	CM MP 5.41 LT
55	157114.221	856326.914	4315.625	CM MP 5.54 RT
57	157439.760	855673.080	4316.507	CM MP 5.68 LT
58	157886.704	855115.772	4307.199	CM MP 5.81 RT
59	158195.967	854501.125	4297.947	CM MP 5.94 LT
61	158650.068	853954.967	4296.691	CM MP 6.08 RT
62	159037.494	853410.217	4305.756	CM MP 6.20 LT
64	159795.050	853033.173	4316.507	CM MP 6.36 RT
65	160383.643	852760.967	4319.125	CM MP 6.48 LT
66	161112.044	852787.507	4311.533	CM MP 6.62 RT
68	161787.558	852689.223	4314.673	CM MP 6.75 LT
69	162471.590	852745.128	4313.754	CM MP 6.88 RT
70	163111.639	852644.376	4316.701	CM MP 7.01 LT
72	164031.247	852700.356	4321.970	Deep Rod - NDAA BM D 435

Note:

Project coordinates were derived using a combined reciprocal factor of 1.000175361 - based on the scale and elevation factors of Pnt D 435
Conversions are from Meters to U.S. Survey Feet (1 meter = 3937/1200 feet)

05/23/95 09:00:25 D:\SH2870K\DWG\ROWPNTS 92993 Strombeck

REVISIONS		

RIGHT OF WAY

Oklahoma State line-
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX) 287-1(21)	3E	19

MONUMENTATION SHEET

TABULATION OF R.O.W. MARKERS
TO BE SET

NORTHING			EASTING		
PNT 400	133565.593	869461.246	PNT 680	152597.833	863415.630
PNT 430	158471.393	854040.792	PNT 681	152673.294	863311.006
PNT 432	160833.229	852705.506	PNT 682	152777.070	863154.096
PNT 433	162675.629	852641.831	PNT 683	149386.149	865807.915
PNT 434	133569.580	869561.155	PNT 684	149755.644	865619.387
PNT 435	134426.463	869528.640	PNT 685	149818.649	865586.433
PNT 437	136054.487	868909.945	PNT 686	150022.331	865479.605
PNT 440	137773.541	867504.062	PNT 687	149598.224	865475.150
PNT 442	139017.054	866915.274	PNT 688	149919.673	865341.061
PNT 464	160836.683	852805.446	PNT 689	147242.544	866341.863
PNT 465	162679.083	852741.771	PNT 690	152441.772	863609.876
PNT 500	139331.254	866852.676	PNT 693	152433.777	863360.779
PNT 501	140440.420	866631.698	PNT 695	152451.584	863597.664
PNT 502	141225.001	866475.386	PNT 700	149861.472	865563.973
PNT 503	143708.330	865979.307	PNT 701	153441.526	861834.290
PNT 504	144594.582	866184.717	PNT 704	155644.570	858376.459
PNT 505	145906.164	866261.452	PNT 705	155801.551	858120.760
PNT 506	153479.433	862052.691	PNT 706	155749.903	858204.886
PNT 507	154215.432	860897.263	PNT 708	155934.187	858199.030
PNT 508	154034.883	860902.973	PNT 709	156012.265	857780.724
PNT 509	154491.612	860186.106	PNT 710	156227.197	857443.375
PNT 510	154961.326	859726.301	PNT 711	156446.345	857108.712
PNT 511	154952.933	859462.031	PNT 713	157447.471	855637.229
PNT 512	155457.094	858951.668	PNT 714	157452.996	855814.688
PNT 514	156471.440	857355.608	PNT 717	157711.934	855425.040
PNT 515	157008.694	856512.187	PNT 718	158307.602	854559.551
PNT 516	156896.352	856447.279	PNT 719	158673.576	854028.410
PNT 517	157973.485	854826.260	PNT 720	158916.941	853730.951
PNT 518	160306.806	852769.830	PNT 721	159125.367	853531.693
PNT 519	160035.651	852842.206	PNT 722	159342.090	853338.872
PNT 520	160040.112	852985.195	PNT 723	159502.497	853229.907
PNT 521	139325.670	866683.303	PNT 724	159670.419	853132.229
PNT 522	144591.205	866080.174	PNT 725	160212.434	852916.659
PNT 523	149855.185	865367.962	PNT 728	160788.974	852807.293
PNT 524	136710.439	868371.554	PNT 802	133770.472	869453.472
PNT 525	136769.055	868329.345	PNT 803	133919.627	869427.836
PNT 526	151426.109	864479.185	PNT 804	134134.977	869419.183
PNT 528	141925.760	866335.774	PNT 807	134796.140	869315.297
PNT 529	161876.107	852669.463	PNT 808	134885.799	869271.218
PNT 530	161879.561	852769.403	PNT 809	135214.148	869174.710
PNT 531	157505.249	855564.919	PNT 810	135604.723	868973.062
PNT 532	157510.774	855742.378	PNT 811	135691.663	868909.317
PNT 553	159357.791	853159.448	PNT 812	135860.787	868832.894
PNT 606	152774.683	862866.057	PNT 813	136250.530	868541.108
PNT 607	153336.520	861984.215	PNT 830	134783.163	869462.237
PNT 622	147236.045	866138.586	PNT 834	134328.070	869532.374
PNT 623	147666.443	866123.997	PNT 835	134139.572	869563.937
PNT 624	148233.081	866016.410	PNT 838	133824.091	869551.498
PNT 625	148709.297	865880.868	PNT 843	136703.610	868168.289
PNT 626	149168.776	865698.380	PNT 854	136762.028	868120.218
PNT 627	149518.917	865517.711	PNT 855	137182.536	867786.672
PNT 628	150255.393	865122.021	PNT 857	137661.685	867369.472
PNT 629	150371.171	865022.282	PNT 859	138950.056	866755.283
PNT 630	150936.534	864607.599	PNT 860	138019.184	867118.018
PNT 631	151421.294	864221.065	PNT 870	142585.282	866049.180
PNT 632	151945.519	863838.874	PNT 875	139422.242	866664.797
PNT 636	152092.962	863709.468	PNT 876	139718.462	866616.283
PNT 638	152570.762	863178.203	PNT 877	140547.384	866426.510
PNT 642	152207.803	863605.400	PNT 878	140797.474	866402.430
PNT 665	142703.086	866179.098	PNT 879	141775.478	866193.305
PNT 666	142969.757	866136.935	PNT 880	141920.229	866164.616
PNT 667	143099.002	866123.033	PNT 881	142585.625	865974.181
PNT 668	143312.895	866114.167	PNT 890	141976.440	866046.400
PNT 669	143452.845	866117.918	PNT 899	144878.953	866047.191
PNT 670	147218.216	866338.215	PNT 900	145378.055	866077.150
PNT 671	147258.289	866344.225	PNT 901	145628.804	866072.165
PNT 672	147829.720	866379.778	PNT 902	145876.857	866112.100
PNT 673	148121.933	866358.415	PNT 903	146876.558	866147.062
PNT 674	148509.036	866263.223	PNT 911	144831.036	865984.434
PNT 675	149027.853	866002.015	PNT 912	144830.082	866042.568
PNT 676	149245.550	865879.737	PNT 916	141985.405	866323.819
PNT 677	150447.519	865256.913			
PNT 678	152404.741	863701.423			
PNT 679	152404.225	863656.611			

TABULATION OF TEMPORARY EASEMENT
POINTS TO BE STAKED

NORTHING			EASTING		
PNT 612	153098.949	862357.100			
PNT 613	153125.815	862314.931			
PNT 614	153077.864	862343.666			
PNT 615	153104.731	862301.498			
PNT 730	149518.013	865506.360			
PNT 731	149540.843	865461.876			
PNT 732	152235.204	863578.759			
PNT 733	152217.491	863561.114			
PNT 734	152252.775	863525.688			
PNT 735	152270.489	863543.331			
PNT 736	154312.667	860466.974			
PNT 737	154291.502	860453.651			
PNT 738	154318.369	860411.482			
PNT 739	154339.533	860424.806			
PNT 740	154438.902	860546.444			
PNT 741	154544.797	860613.110			
PNT 742	154571.435	860570.797			
PNT 743	154465.764	860504.273			
PNT 744	155752.830	858200.119			
PNT 745	155731.525	858187.039			
PNT 746	155757.685	858144.428			
PNT 747	155778.990	858157.508			
PNT 748	149018.349	866326.413			
PNT 749	149093.227	866250.062			
PNT 750	149359.149	866177.250			
PNT 751	149984.549	866218.739			
PNT 752	150044.417	866222.712			
PNT 753	150209.237	866384.518			
PNT 754	149754.951	867424.420			
PNT 755	149124.711	867497.732			
PNT 756	149453.626	867043.158			
PNT 757	149615.231	866812.814			
PNT 758	149991.737	866761.392			

GENERAL NOTES

1. This right-of-way plan is not a complete boundary survey of all adjoining owners and is prepared for Colorado Department of Transportation purposes only.
2. Field survey control precision meets or exceeds Colorado Department of Transportation type "D" survey requirements (± 0.25 ft. at 95% certainty).
3. Title Commitments supplied by Springfield Abstract Company
4. This right-of-way plan document is dependent upon the sufficiency and accuracy of the boundary evidence supplied by others.
5. All right-of-way markers set from survey control points.
6. All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field.
7. All coordinates listed are project coordinates.
8. **BASIS OF BEARINGS:**

The basis of bearings for this project was determined from GPS observations taken between Point 30 (CM MP 2.97 Rt.) and Point 33 (CM MP 3.30 Rt.). The derived grid bearing of the line from Point 30 to Point 33 is N.26°48'55.2"W. a distance of 1,683.606 feet.

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	4	5
REFERENCE								
3 1/4" ROW								
CONTROL								
ALIQUOT CORNER								
WITNESS POST								
1 1/2" ALUM. ROW								

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
VIII	COLO.	NH(CX) 287-1(21)	3F

Location: Gravel Pit No. 22
Baca County, Section 31
Township 34 South, Range 45 West
of the 6th P.M.

GENERAL NOTES

- 1.) NOTICE: According to Colorado Law, you must commence any legal action based upon any defect in this survey within three years after you first discover such defect, in no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.
- 2.) No guarantee as to the accuracy of the information contained hereon is implied or expressed unless this copy bears an original signature and seal of Registered Land Surveyor named.
- 3.) All coordinates listed are MODIFIED PROJECT COORDINATES based on datum of NAD83/92 and the Colorado State Plane Coordinate System - SOUTH Zone.
- 4.) Field survey control precision computed to meet or exceed Colorado Department of Transportation Survey Manual Minimum Horizontal Control Tolerance for a type "B" survey requirements (+/- 0.25 FT. at 95% certainty).

BASIS OF BEARING

BASIS OF BEARINGS: The bearings referenced on this survey can be determined from any monuments set or found as shown on the Control Diagram Sheet. The basis of bearings for project reference is a line from

SURVEY SYMBOL TABLE

SURVEYOR CERTIFICATE

I hereby state that this survey was performed under my supervision and checking, for and on the behalf of the Colorado Department of Transportation, State of Colorado, and is not a Land Survey Plot or a Right of Way Survey Plat, and is to the best of my knowledge and belief, the information presented here is true and correct.

DATE

Original pit No. 22 Legal Description

Gravel Pit No. 22 is located around the Center Quarter Corner of Section 31, Township 34 South, Range 45 West, of the Sixth Principal Meridian in Baca County, Colorado, more particularly described as follows:
Commencing at the Southeast Corner of Section 31, Township 34 South, Range 45 West, of the Sixth Principal Meridian;
thence N. 58°08'46" W. (N. 56°09'04" W.) 3201.34 feet to a point being the True Point of Beginning of Gravel Pit No. 22;
thence N. 39°10'36" E. (N. 41°10'18" E.) 769.97 feet to a point;
thence N. 07°46'37" W. (N. 05°46'55" W.) 380.00 feet to a point;
thence S. 09°14'28" W. (S. 88°45'50" W.) 542.70 feet to a point;
thence S. 03°47'46" W. (S. 05°47'28" W.) 626.77 feet to a point;
thence S. 15°18'46" E. (S. 13°19'04" E.) 275.71 feet to a point;
thence S. 45°33'30" E. (S. 43°33'48" E.) 106.94 feet to a point being the True Point of Beginning of Gravel Pit No. 22.
Said Gravel Pit No. 22 contains 9.885 acres more or less.

Centerline Description of a 15.00 foot Haul Road

Commencing at the True Point of Beginning of Pit No. 22;
Thence N. 45°33'30" W. (N. 43°33'48" W.) 76.94 feet to a point being the Point of Beginning of the Centerline of a 15.00 foot Haul Road, also being the Point of curve;
Thence on the arc of a Curve Right having a delta of 84°24'00" Tangent 122.00 feet, Length 197.726 feet,
Radius 134.55 feet to the Point of Tangent;
thence N. 70°53'00" W. (N. 68°53'18" W.) 118.00 feet to a point being the East Right of Way line of U.S. Highway 287-385 also being the end of said Haul Road.
Said Haul Road contains .109 acres more or less.

Reclaimed Area Pit No. 22 Description

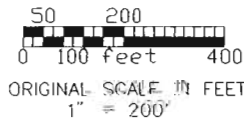
Commencing at the Southeast Corner Of Section 31, Township 34 South, Range 45 West, of the Sixth Principal Meridian;
thence N. 58°08'46" W. 3041.33 feet to a point being the True Point of Beginning of the Reclamation area of Gravel Pit No. 22;
thence S. 89°38'44" E. 585.96 feet to a point;
thence S. 82°59'55" E. 339.40 feet to a point;
thence N. 52°50'10" E. 161.46 feet to a point;
thence N. 06°38'06" W. 139.20 feet to a point;
thence N. 54°06'42" W. 561.09 feet to a point;
thence N. 54°56'50" W. 281.38 feet to a point;
thence S. 39°10'36" W. 769.97 feet to a point;
thence S. 58°08'46" E. 160.01 feet to a point being the True point of Beginning of the Reclamation Area
Said Reclamation Area Contains 11.27 acres more or less

Proposed Pit Addition Description

Commencing at the Southeast Corner of Section 31, Township 34 South, Range 45 West, of the Sixth Principal Meridian;
Thence N. 58°08'46" W. 3201.34 feet to a point;
Thence N. 39°10'36" E. 769.97 feet to a point being the True Point of Beginning of the Addition to Gravel Pit No. 22;
thence S. 54°56'50" E. 281.38 feet to a point;
Thence S. 54°06'42" E. 561.09 feet to a point;
Thence N. 06°38'06" W. 634.49 feet to a point;
Thence N. 66°24'06" W. 1134.80 feet to a point;
Thence S. 44°28'17" W. 230.97 feet to a point;
Thence S. 3°47'46" W. 60.00 feet to a point;
Thence N. 89°14'28" E. 542.70 feet to a point;
Thence S. 07°46'37" E. 380.00 feet to a point being The True Point of Beginning of the Addition to Gravel pit No. 22
Said Addition contains 9.36 acres more or less.

Proposed Centerline Description of a 15.00 foot Access Road

Commencing at the True Point of Beginning of Pit No. 22;
Thence N. 45°33'30" W. (N. 43°33'48" W.) 76.94 feet to a point
Thence S. 83°14'25" W. 278.20 feet to a point being the East Right of Way line of U.S. Highway 287-385 also being the Point of Beginning of a 15.00 feet Access Road, also being the Point of Curve;
Thence on the arc of a Curve Left a distance of 213.37 feet having a Radius of 140.00 feet (Long Chord N. 47°27'27" E., 193.31 feet);
Thence N. 3°47'46" E. 869.17 feet to a point on Curve to the Right;
Thence on the arc of a Curve Right a distance of 28.80 feet having a Radius of 40.00 feet (Long Chord N. 24°08'02" E., 27.80 feet);
Thence N. 44°28'17" E. 217.46 feet to a point on Curve to the Right;
Thence on the arc of a Curve Right a distance of 30.16 feet having a Radius of 25.00 feet (Long Chord N. 79°02'05" E., 28.37 feet);
Thence S. 66°24'06" E. 118.10 feet to a point on Curve to the Left;
Thence on the arc of a Curve Left a distance of 51.96 feet having a Radius of 50.00 feet (Long Chord N. 83°49'41" E., 49.65 feet);
Thence N. 54°03'28" E. 89.77 feet to a point on Curve to the Left;
Thence on the arc of a Curve Left a distance of 27.09 feet having a Radius of 60.00 feet (Long Chord N. 41°07'29" E., 26.86 feet);
Thence N. 28°11'30" E. 35.88 feet to a point on Curve to the Left;
Thence on the arc of a Curve Left a distance of 15.49 feet having a Radius of 80.00 feet (Long Chord N. 22°38'40" E., 15.47 feet);
Thence N. 17°05'50" E. 186.77 feet to a point on Curve to the Right;
Thence on the arc of a Curve Right a distance of 37.83 feet having a Radius of 500.00 feet (Long Chord N. 19°15'54" E., 37.83 feet);
Thence N. 21°25'58" E. 172.38 feet to a point being the center of a 100.00 feet Cul-De-Sac, Containing a windmill and stock tank,
Also being the end of Said Access Road.



Boise City, Ok.

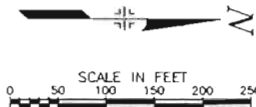
REVISIONS	

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	5	19

RIGHT OF WAY
Oklahoma State Line-
North

SE. 1/4 SECTION 18
T.35S., R.45W. 6th P.M.

NE. 1/4 SECTION 18
T.35S., R.45W. 6th P.M.



OKLAHOMA
COLORADO

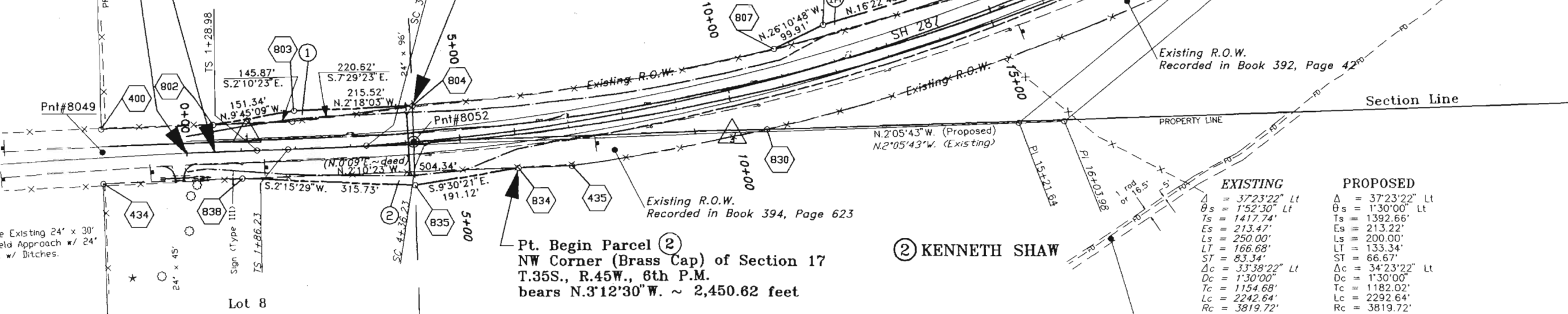
Sta. 0+00 Begin Construction
NH(CX) 287-1(21)
M.P. 0.03

Sta. 0+50 Begin R.O.W.
NH(CX) 287-1(21)
M.P. 0.04
Lot 12

① 1A ROBERT S. GAYLER

Pt. Begin Parcel ①
NE Corner (Brass Cap) of Section 18
T.35S., R.45W., 6th P.M.
bears N.0°31'12"W. ~ 2,639.98 feet

Sta. 21+05 - Remove Portions of Present Structure.
Extend Existing 13' x 8' CBC 55' Lt w/ Headwalls
D.A. = 1645 Acres
DHW = 4057.5
AHW = 4060.0
HW = 765 w/ storage
Q100 = 1070 w/ storage



Sta. -0+45 - Remove Existing 24' x 30'
Side Drain. Req'd. Field Approach w/ 24'
x 52' Side Drain Rt. w/ Ditches.

SW. 1/4 SECTION 17
T.35S., R.45W. 6th P.M.

Sta. 4+05 - Remove Existing 24' x 96'
CMP. Req'd. 36' x 114' Culvert Pipe w/
End Sections.

D.A. = 21 Acres
DHW = 4077.1
AHW = 4082.0
HW = 4079.3
Q25 = 25 cfs
Q100 = 45 cfs

Pt. Begin Parcel ②
NW Corner (Brass Cap) of Section 17
T.35S., R.45W., 6th P.M.
bears N.3°12'30"W. ~ 2,450.62 feet

② KENNETH SHAW

NW. 1/4 SECTION 17
T.35S., R.45W. 6th P.M.

EXISTING	PROPOSED
$\Delta = 37'23'22''$ Lt	$\Delta = 37'23'22''$ Lt
$\theta_s = 1'52'30''$ Lt	$\theta_s = 1'30'00''$ Lt
$T_s = 1417.74'$	$T_s = 1392.66'$
$E_s = 213.47'$	$E_s = 213.22'$
$L_s = 250.00'$	$L_s = 200.00'$
$LT = 166.68'$	$LT = 133.34'$
$ST = 83.34'$	$ST = 66.67'$
$\Delta_c = 33'38'22''$ Lt	$\Delta_c = 34'23'22''$ Lt
$D_c = 1'30'00''$	$D_c = 1'30'00''$
$T_c = 1154.68'$	$T_c = 1182.02'$
$L_c = 2242.64'$	$L_c = 2292.64'$
$R_c = 3819.72'$	$R_c = 3819.72'$

R.O.W. granted to American Telephone &
Telegraph Company recorded in Book 363, Page 324

REVISIONS	

RIGHT OF WAY
Oklahoma State Line—
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	6	19

NE. 1/4 SECTION 18
T.35S., R.45W. 6th P.M.

①A ROBERT S. GAYLER

Sta. 34+00 - Req'd Field Approach
w/ 18' x 42' Side Drain Lt. Ditches.

Road Order Recorded
in Book 40, Page 384

Pt. Begin Parcel ①A
NE Corner (Brass Cap) of Section 18,
T.35S., R.45W., 6th P.M.
bears N.86°40'37"E. ~ 1,229.00 feet.

Pt. Begin Parcel ③
SE Corner (Brass Cap) of Section 7,
T.35W., R.45W., 6th P.M.
bears N.89°25'26"E. ~ 1,275.07 feet

③ KENNETH L. SHAW AND
WILMA D. SHAW, J.T.

Lot 17 SW. 1/4 SECTION 7
T.35S., R.45W. 6th P.M.

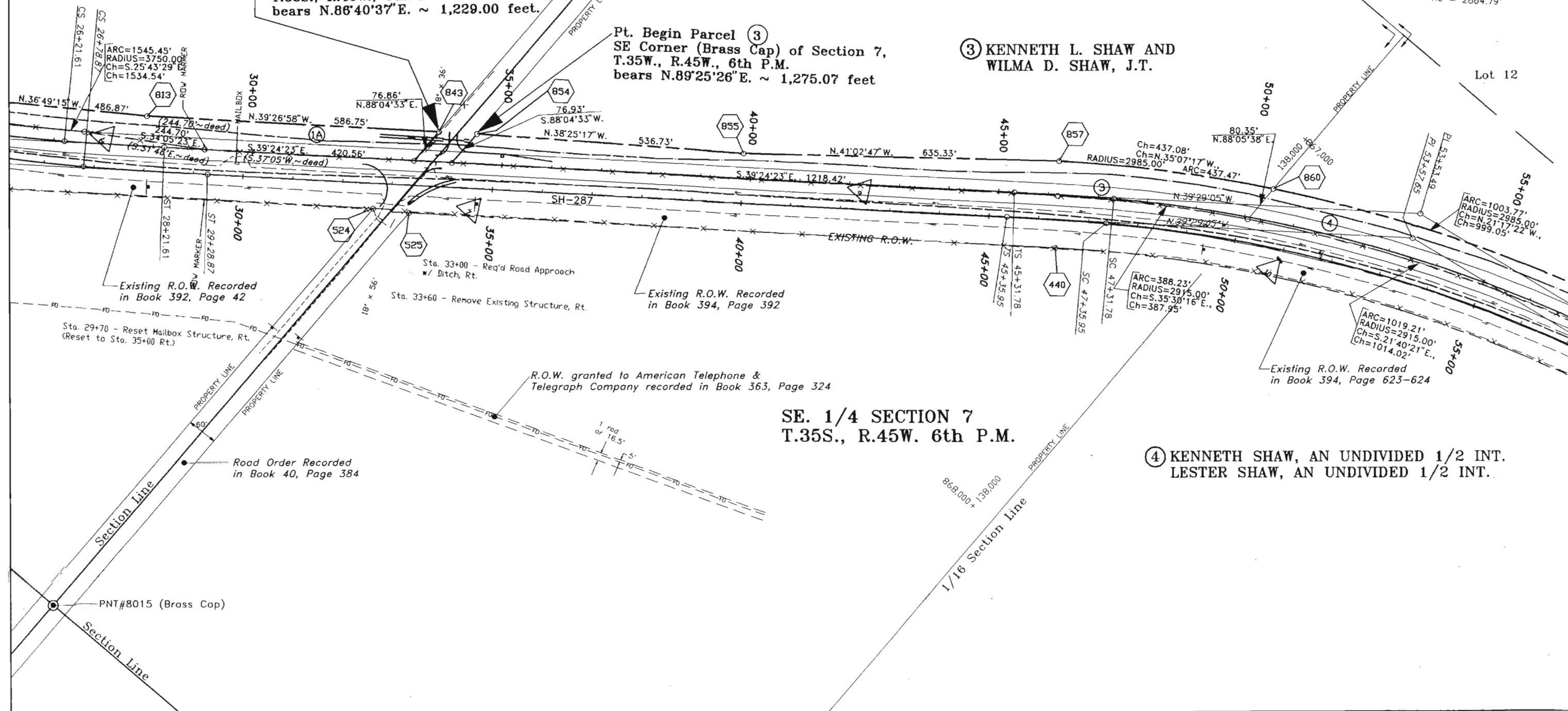
EXISTING

$\Delta = 28'16'28''$ Rt
 $\theta_s = 2'00'00''$ Rt
 $T_s = 821.71'$
 $E_s = 90.07'$
 $L_s = 200.00'$
 $LT = 133.34'$
 $ST = 66.67'$
 $\Delta c = 24'16'28''$ Rt
 $D_c = 2'00'00''$ Rt
 $T_c = 616.11'$
 $L_c = 1213.72'$
 $R_c = 2864.79'$

PROPOSED

$\Delta = 28'16'28''$ Rt
 $\theta_s = 2'00'00''$ Rt
 $T_s = 821.71'$
 $E_s = 90.07'$
 $L_s = 200.00'$
 $LT = 133.34'$
 $ST = 66.67'$
 $\Delta c = 24'16'28''$ Rt
 $D_c = 2'00'00''$ Rt
 $T_c = 616.11'$
 $L_c = 1213.72'$
 $R_c = 2864.79'$

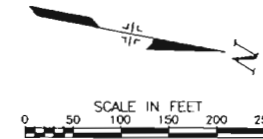
SCALE IN FEET
0 50 100 150 200 250



REVISIONS		

RIGHT OF WAY
Oklahoma State Line--
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	7	19



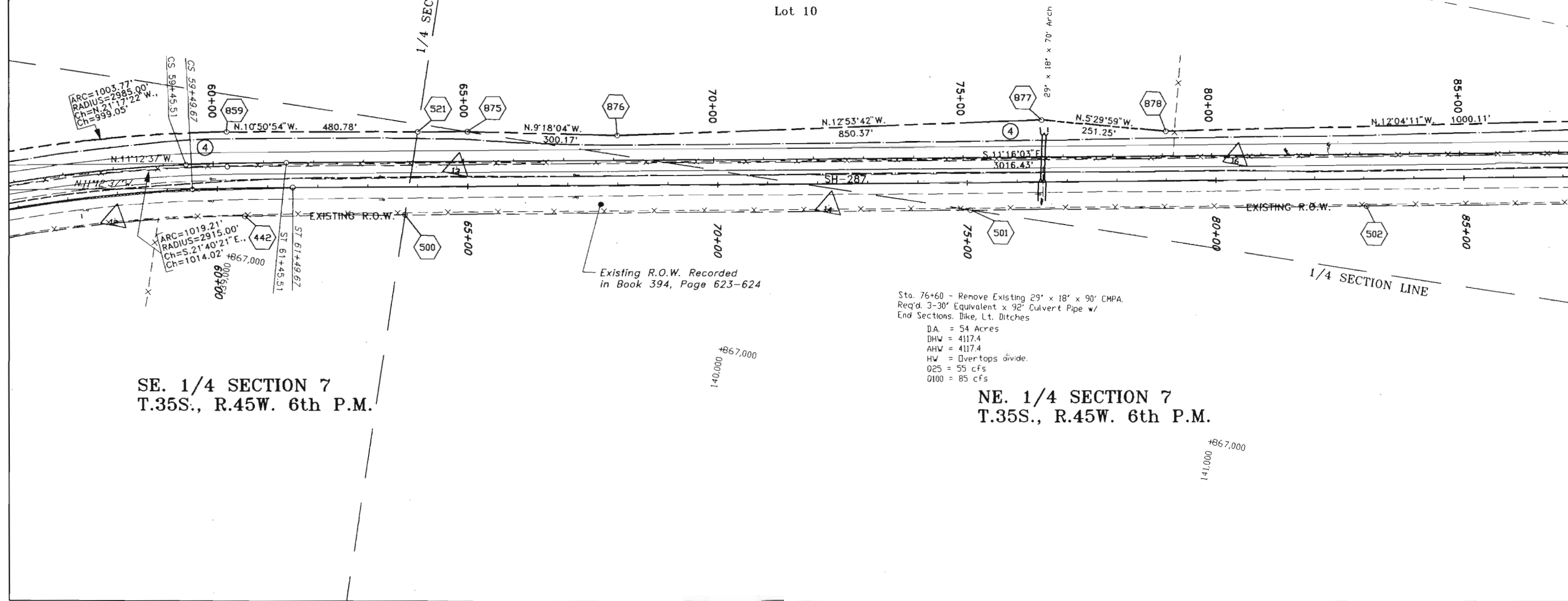
NW 1/4 SECTION 7
T.35S., R.45W. 6th P.M.

SW. 1/4 SECTION 7
T.35S., R.45W. 6th P.M.

④ KENNETH SHAW, AN UNDIVIDED 1/2 INT.
LESTER SHAW, AN UNDIVIDED 1/2 INT.

Lot 10

Lot 12



REVISIONS	

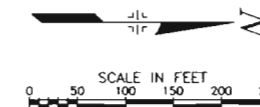
RIGHT OF WAY
Oklahoma State Line—
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	8	19

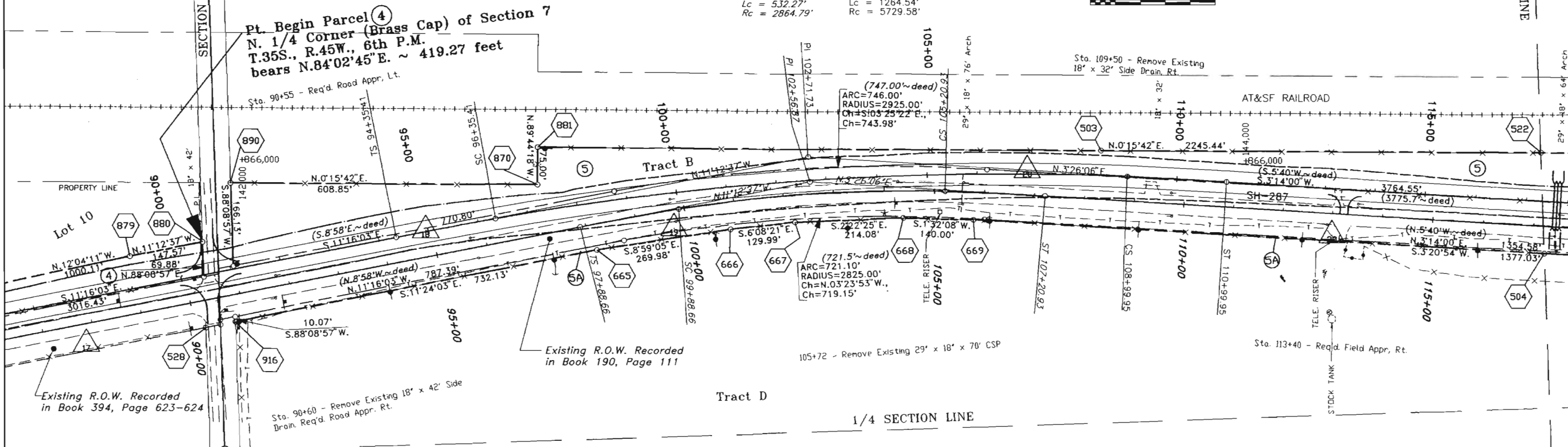
NW. 1/4 SECTION 7
T.35S., R.45W. 6th P.M.

SW. 1/4 SECTION 6
T.35S., R.45W. 6th P.M.

EXISTING	PROPOSED
$\Delta = 14^{\circ}38'44''$ Rt	$\Delta = 14^{\circ}38'43''$ Rt
$\theta_s = 2^{\circ}00'00''$ Rt	$\theta_s = 1^{\circ}00'00''$ Rt
$T_s = 468.21'$	$T_s = 836.32'$
$E_s = 24.14'$	$E_s = 47.41'$
$L_s = 200.00'$	$L_s = 200.00'$
$LT = 133.34'$	$LT = 133.34'$
$ST = 66.67'$	$ST = 66.67'$
$\Delta c = 10^{\circ}38'44''$ Rt	$\Delta c = 12^{\circ}38'43''$ Rt
$D_c = 2^{\circ}00'00''$	$D_c = 1^{\circ}00'00''$
$T_c = 266.91'$	$T_c = 634.86'$
$L_c = 532.27'$	$L_c = 1264.54'$
$R_c = 2864.79'$	$R_c = 5729.58'$



1/4 SECTION LINE



⑤ 5A RAYMOND C. JENKINS AND FERNE F. JENKINS, J.T.

SE. 1/4 SECTION 6
T.35S., R.45W. 6th P.M.

NE. 1/4 SECTION 7
T.35S., R.45W. 6th P.M.

PNT#8022 (Brass Cap)

County Rd. C

Road Order, Recorded
in Book 40, Page 384

Existing R.O.W. Recorded
in Book 394, Page 623-624

Existing R.O.W. Recorded
in Book 190, Page 111

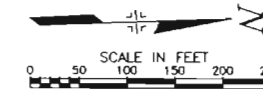
Sta. 90+60 - Remove Existing 18' x 42' Side
Drain Req'd. Road Appr. Rt.

Sta. 117+60 - Remove Existing 29' x 18' x 64' CMPA.
Req'd. 3-30' Equivalent x 92' Culvert Pipe w/
End Sections. Ditches.
DA = 47 Acres
DHW = 41490
AHW = 41490
HW = Overtops Roadway
Q25 = 50 cfs
Q100 = 80 cfs

REVISIONS	

RIGHT OF WAY
Oklahoma State Line
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	9	19

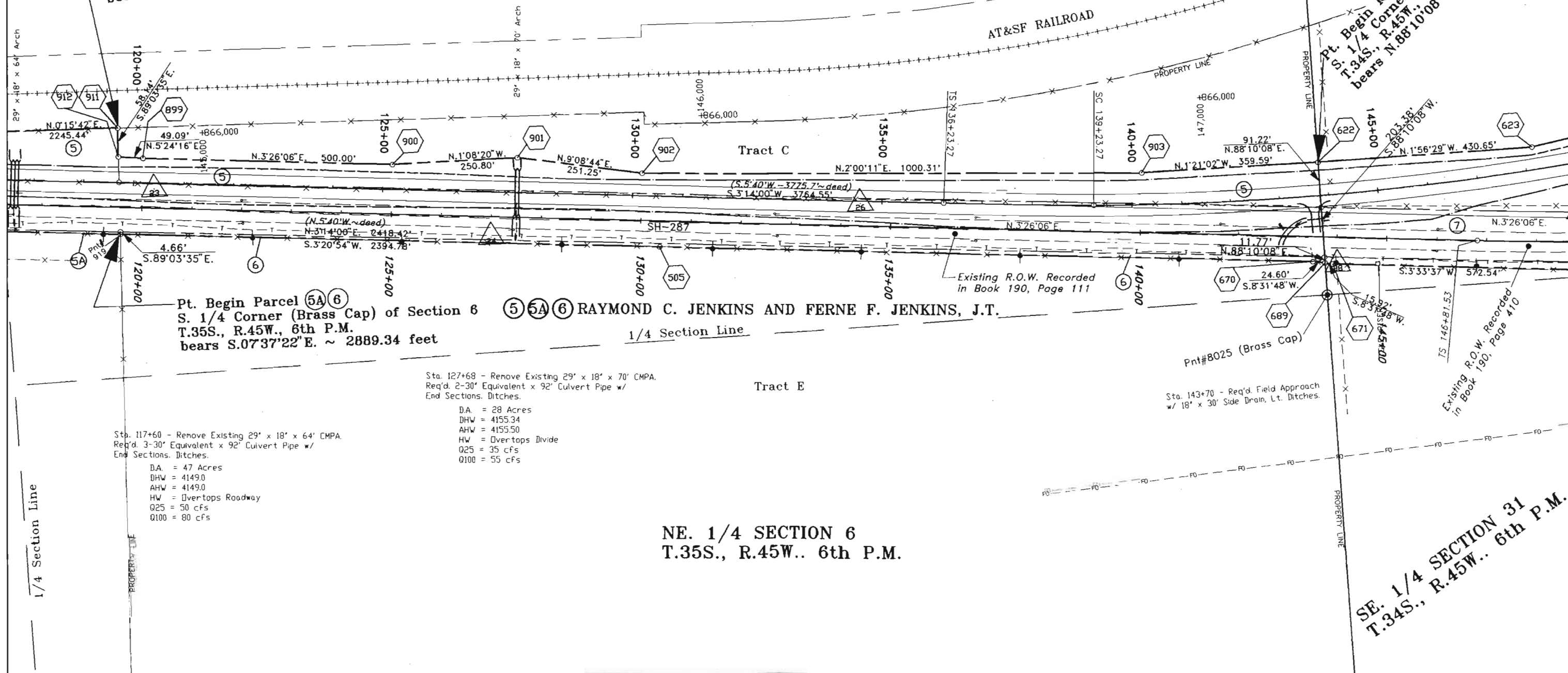


NW. 1/4 SECTION 6
T.35S., R.45W.. 6th P.M.

SW. 1/4 SECTION 31
T.34S., R.45W.. 6th P.M.

Pt. Begin Parcel ⑤
S. 1/4 Corner (Brass Cap) of Section 6
T.35S., R.45W., 6th P.M.
bears S.11°45'54"E. ~ 2928.85 feet

Pt. Begin Parcel ⑦ (Sec. 31)
S. 1/4 Corner (Brass Cap) of Section 31
T.34S., R.45W., 6th P.M.
bears N.88°10'08"E. ~ 287.40 feet.



Pt. Begin Parcel ⑤A⑥
S. 1/4 Corner (Brass Cap) of Section 6
T.35S., R.45W., 6th P.M.
bears S.07°37'22"E. ~ 2889.34 feet

⑤⑤A⑥ RAYMOND C. JENKINS AND FERNE F. JENKINS, J.T.
1/4 Section Line

Sta. 127+68 - Remove Existing 29' x 18' x 70' CMPA.
Req'd. 2-30" Equivalent x 92" Culvert Pipe w/
End Sections. Ditches.

D.A. = 28 Acres
DHW = 4155.34
AHW = 4155.50
HW = Overtops Divide
Q25 = 35 cfs
Q100 = 55 cfs

Sta. 117+60 - Remove Existing 29' x 18' x 64' CMPA.
Req'd. 3-30" Equivalent x 92" Culvert Pipe w/
End Sections. Ditches.

D.A. = 47 Acres
DHW = 4149.0
AHW = 4149.0
HW = Overtops Roadway
Q25 = 50 cfs
Q100 = 80 cfs

NE. 1/4 SECTION 6
T.35S., R.45W.. 6th P.M.

SE. 1/4 SECTION 31
T.34S., R.45W.. 6th P.M.

REVISIONS	

RIGHT OF WAY
Oklahoma State Line--
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	10	19

AT&SF RAILROAD

SCALE IN FEET
0 50 100 150 200 250

SW. 1/4 SECTION 31
T.34S., R.45W. 6th P.M.

EXISTING
 $\Delta = 10'59'02''$ Lt
 $\theta_s = 2'00'00''$ Lt
 $T_s = 375.49'$
 $E_s = 13.80'$
 $L_s = 200.00'$
 $LT = 133.34'$
 $ST = 66.67'$
 $\Delta c = 6'59'02''$ Lt
 $\Delta c = 2'00'00''$
 $D_c = 174.81'$
 $T_c = 349.19'$
 $L_c = 2864.79'$
 $R_c = 2864.79'$

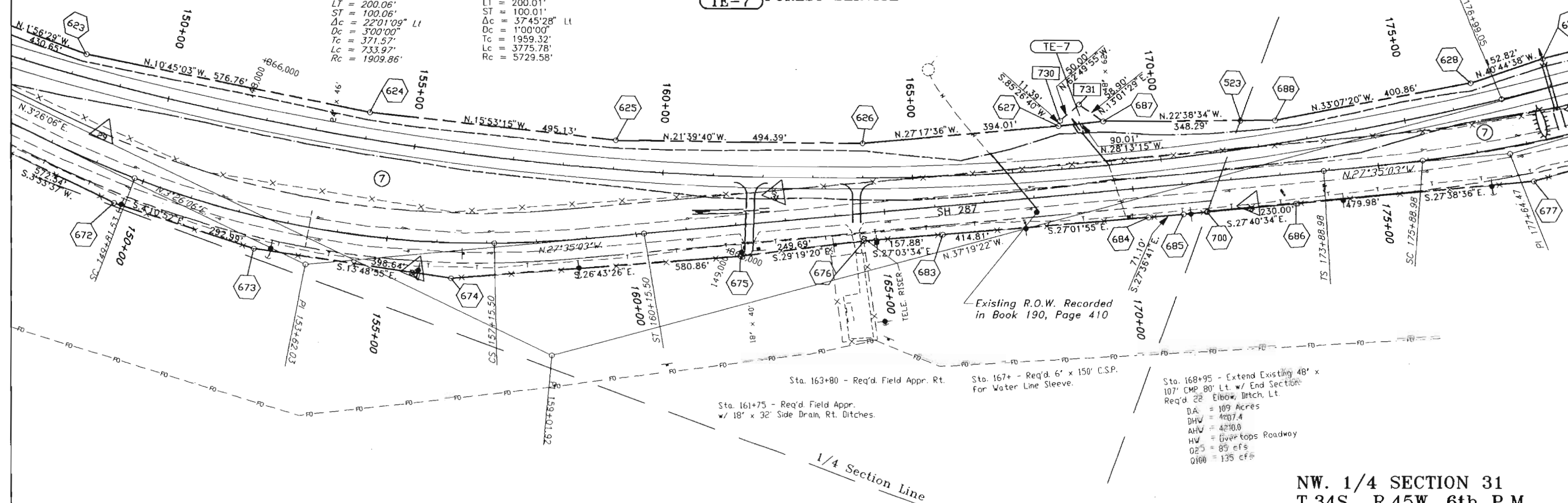
EXISTING

$\Delta = 31'01'09''$ Lt
 $\theta_s = 4'30'00''$ Lt
 $T_s = 680.51'$
 $E_s = 74.21'$
 $L_s = 300.00'$
 $LT = 200.06'$
 $ST = 100.06'$
 $\Delta c = 22'01'09''$ Lt
 $D_c = 3'00'00''$
 $T_c = 371.57'$
 $L_c = 733.97'$
 $R_c = 1909.86'$

PROPOSED

$\Delta = 40'45'28''$ Lt
 $\theta_s = 1'30'00''$ Lt
 $T_s = 2278.65'$
 $E_s = 383.25'$
 $L_s = 300.00'$
 $LT = 200.01'$
 $ST = 100.01'$
 $\Delta c = 37'45'28''$ Lt
 $D_c = 1'00'00''$
 $T_c = 1959.32'$
 $L_c = 3775.78'$
 $R_c = 5729.58'$

⑦ U.S. DEPARTMENT OF AGRICULTURE,
TE-7 FOREST SERVICE



SE. 1/4 SECTION 31
T.34S., R.45W. 6th P.M.

NW. 1/4 SECTION 31
T.34S., R.45W. 6th P.M.

REVISIONS	

RIGHT OF WAY
Oklahoma State Line
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	11	19

NE 1/4 SECTION 36
T.34S., R.46W., 6th P.M.

Sta. 201+90 - Req'd. Field Appr. w/
18' x 60' Side Drain, Lt. Ditches.

Pt. Begin Parcel ⑦ (Sec. 25 & 36)
N. 1/4 Corner (Brass Cap) of Section 36
T.34S., R.46W., 6th P.M.
bears S.88°09'42"W. ~ 2405.96 feet

See sheet 11A for detail
on Parcel 8 and a portion
of Parcel 7

SW 1/4 SECTION 30
T.34S., R.45W., 6th P.M.

PROPOSED
Δ = 20°10'31" Lt
θs = 2°00'00" Lt
Ts = 609.76'
Es = 45.57'
Ls = 200.00'
LT = 133.34'
ST = 66.67'
Δc = 16°10'31" Lt
θc = 2°00'00" Lt
Ts = 407.10'
Lc = 808.77'
Rc = 2864.79'

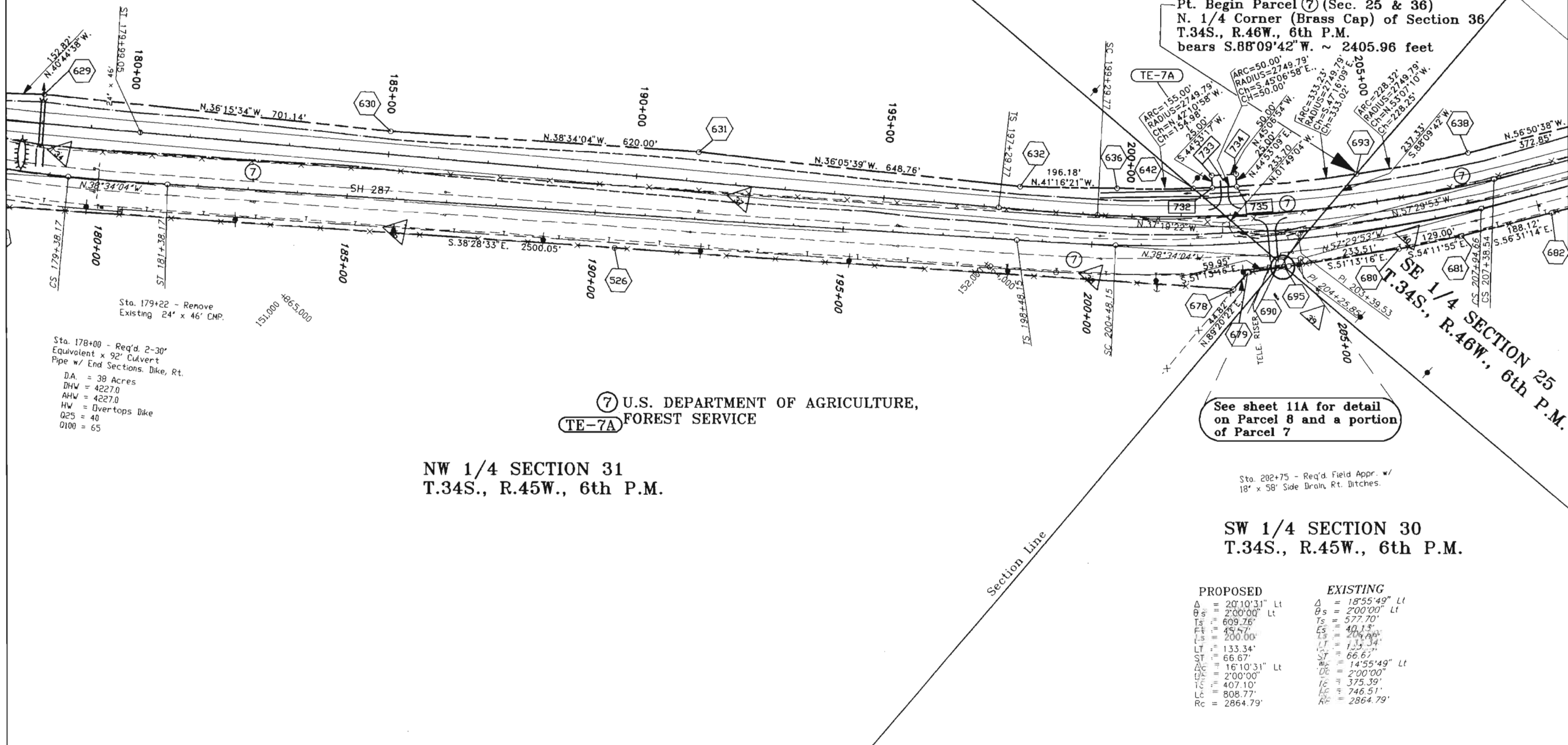
EXISTING
Δ = 18°55'49" Lt
θs = 2°00'00" Lt
Ts = 577.70'
Es = 40.13'
Ls = 200.00'
LT = 133.34'
ST = 66.67'
Δc = 14°55'49" Lt
θc = 2°00'00" Lt
Ts = 375.39'
Lc = 746.51'
Rc = 2864.79'

EXISTING
Δ = 10°59'02" Lt
θs = 2°00'00" Lt
Ts = 375.49'
Es = 13.80'
Ls = 200.00'
LT = 133.34'
ST = 66.67'
Δc = 6°59'02" Lt
θc = 2°00'00" Lt
Ts = 174.81'
Lc = 349.19'
Rc = 2864.79'

SCALE IN FEET
0 50 100 150 200 250

⑦ U.S. DEPARTMENT OF AGRICULTURE,
TE-7A FOREST SERVICE

NW 1/4 SECTION 31
T.34S., R.45W., 6th P.M.

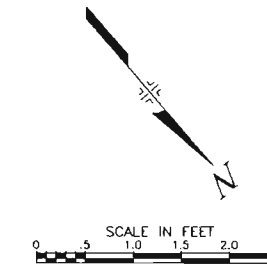


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REVISIONS		

RIGHT OF WAY
Oklahoma State Line-
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	11A	19



NE 1/4 SECTION 36
T.34S., R.46W. 6th P.M.

NW 1/4 SECTION 31
T.34S., R.45W. 6th P.M.

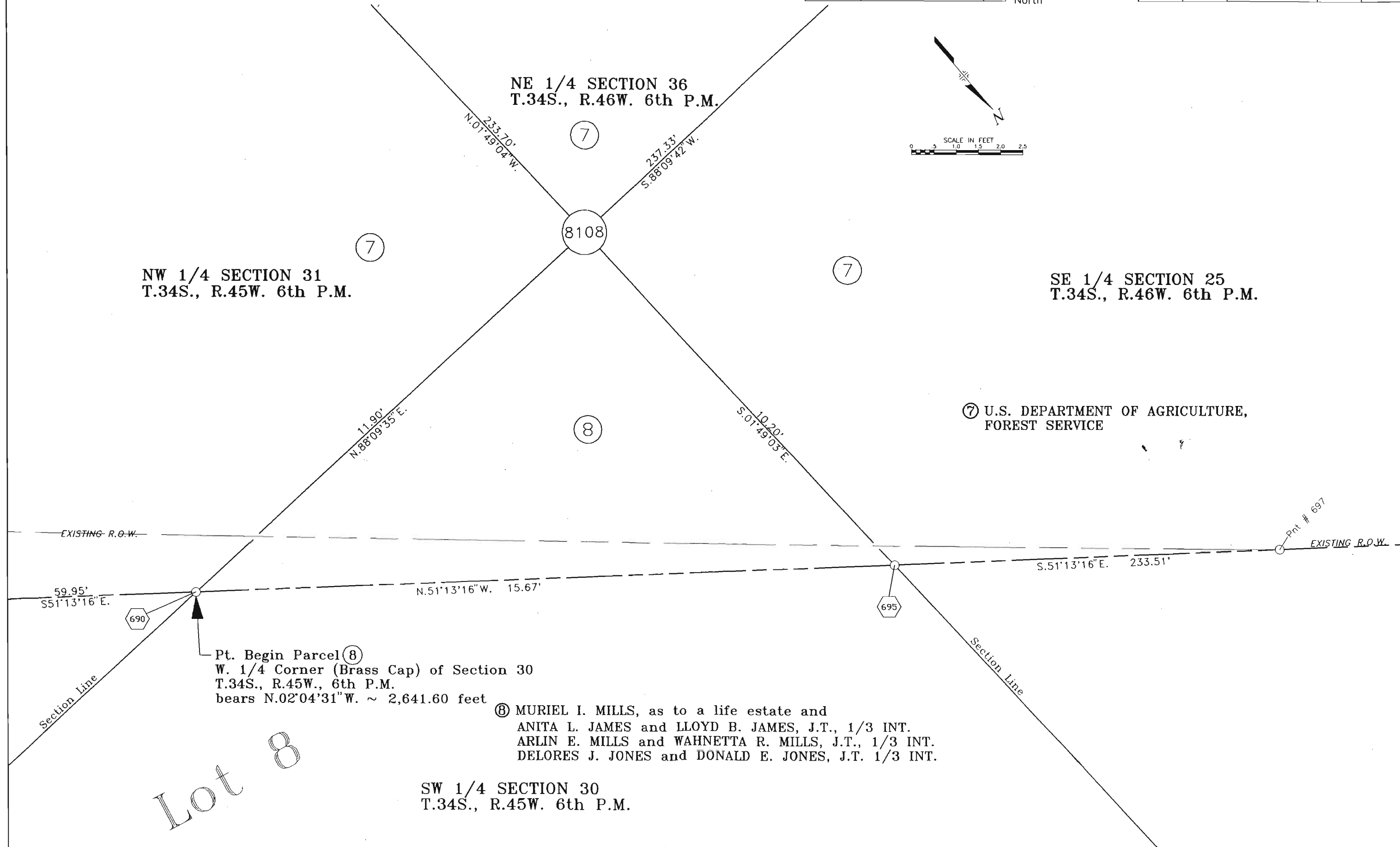
SE 1/4 SECTION 25
T.34S., R.46W. 6th P.M.

⑦ U.S. DEPARTMENT OF AGRICULTURE,
FOREST SERVICE

⑧ MURIEL I. MILLS, as to a life estate and
ANITA L. JAMES and LLOYD B. JAMES, J.T., 1/3 INT.
ARLIN E. MILLS and WAHNETTA R. MILLS, J.T., 1/3 INT.
DELORES J. JONES and DONALD E. JONES, J.T. 1/3 INT.

SW 1/4 SECTION 30
T.34S., R.45W. 6th P.M.

Lot 8



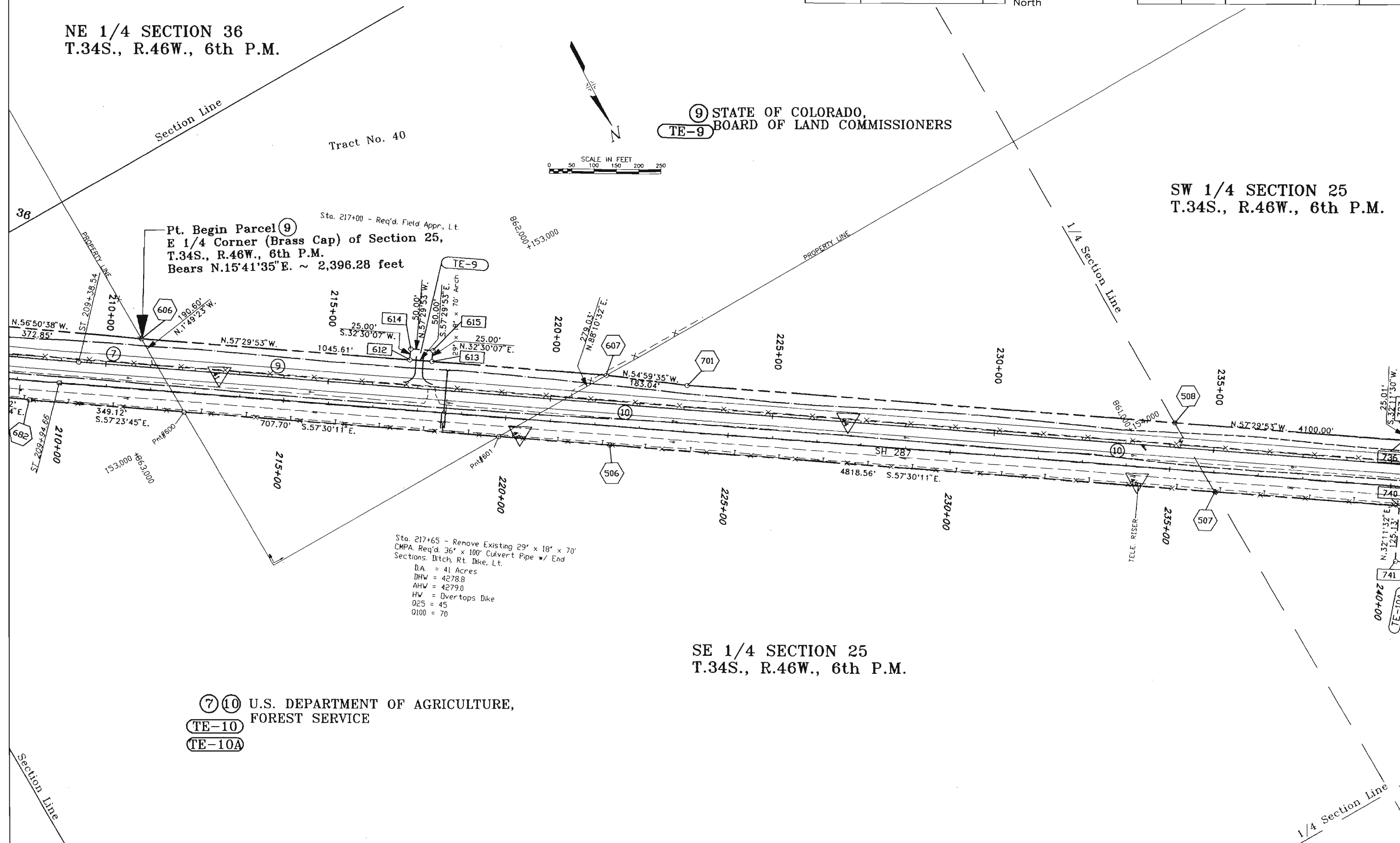
FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	12	19

⑨ STATE OF COLORADO,
TE-9 BOARD OF LAND COMMISSIONERS

SW 1/4 SECTION 25
T.34S., R.46W., 6th P.M.

SE 1/4 SECTION 25
T.34S., R.46W., 6th P.M.

(7)(10) U.S. DEPARTMENT OF AGRICULTURE,
 FOREST SERVICE
 (TE-10)
 (TE-10A)



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REVISIONS	

RIGHT OF WAY
Oklahoma State Line
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	14	19

NW 1/4 SECTION 26
T.34S., R.46W. 6th P.M.

PROPOSED
 $\Delta = 1'39'44''$ Rt
 $T_c = 166.23'$
 $D_c = 0'30'00''$
 $L_c = 332.44'$
 $R_c = 11459.16'$

PROPOSED
 $\Delta = 1'39'44''$ Rt
 $\theta_s = 0'30'00''$ Rt
 $T_s = 266.22'$
 $E_s = 1.35'$
 $L_s = 200.00'$
 $LT = 133.33'$
 $ST = 66.67'$
 $\Delta_c = 0'39'44''$ Rt
 $D_c = 0'30'00''$
 $T_c = 66.22'$
 $E_c = 132.42'$
 $R_c = 11459.16'$

SCALE IN FEET
0 50 100 150 200 250

Sta. 295+57.67 End Construction
NH(CX) 287-1(21)
M.P. 5.59

Sta. 275+55 - Remove Existing 24" x
70" CMP. Req'd. 3-30" Equivalent x 106'
Culvert Pipe w/ End Sections. Ditches.
D.A. = 58 Acres
DHW = 4306.5
AHW = 4306.5
HW = Overtops Divide
Q25 = 55 cfs
Q100 = 85 cfs

10 11 U.S. DEPARTMENT OF AGRICULTURE,
FOREST SERVICE

NE 1/4 SECTION 26
T.34S., R.46W., 6th P.M.

SE 1/4 SECTION 23
T.34S., R.46W., 6th P.M.

Road Order Recorded
in Book 40, Page 384

Section Line
County Rd. F

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REVISIONS	

RIGHT OF WAY
Oklahoma State Line-
North

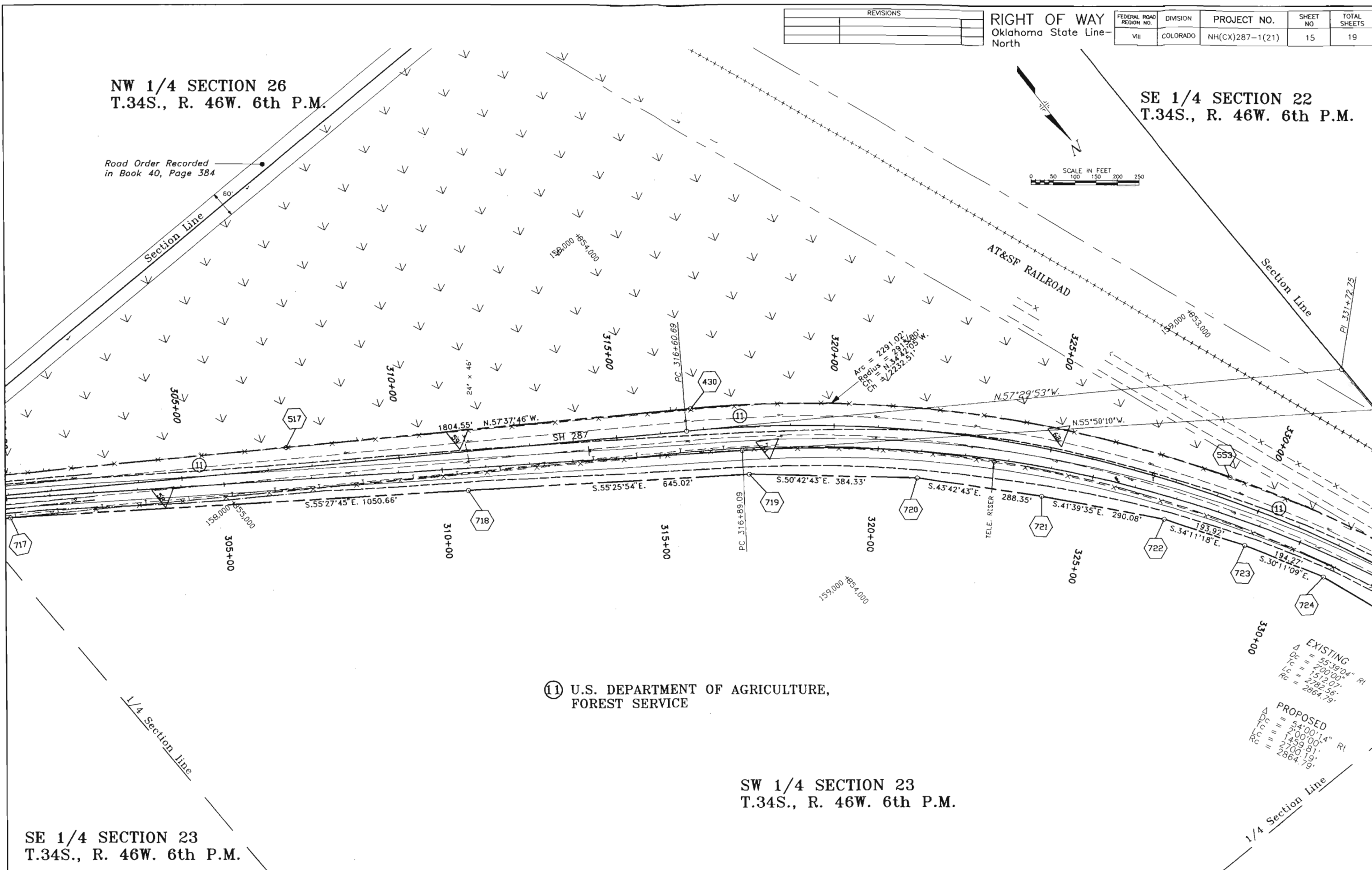
FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VII	COLORADO	NH(CX)287-1(21)	15	19

NW 1/4 SECTION 26
T.34S., R. 46W. 6th P.M.

SE 1/4 SECTION 22
T.34S., R. 46W. 6th P.M.

Road Order Recorded
in Book 40, Page 384

SCALE IN FEET
0 50 100 150 200 250



11 U.S. DEPARTMENT OF AGRICULTURE,
FOREST SERVICE

SW 1/4 SECTION 23
T.34S., R. 46W. 6th P.M.

SE 1/4 SECTION 23
T.34S., R. 46W. 6th P.M.

REVISIONS	

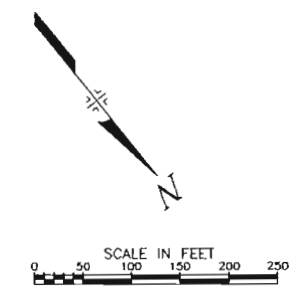
RIGHT OF WAY
Oklahoma State Line
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	16	19

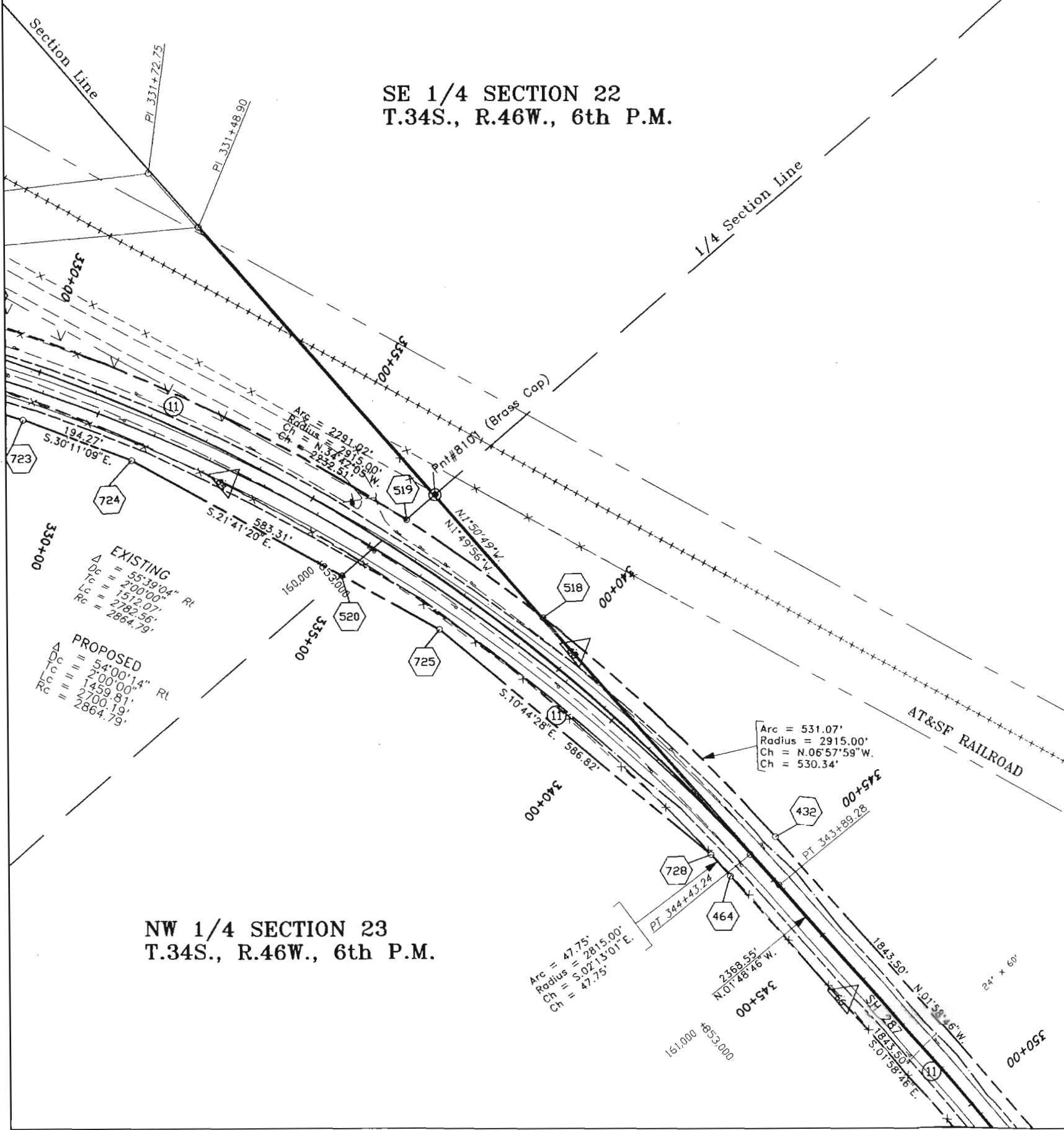
SE 1/4 SECTION 22
T.34S., R.46W., 6th P.M.

NE 1/4 SECTION 22
T.34S., R.46W., 6th P.M.

NW 1/4 SECTION 23
T.34S., R.46W., 6th P.M.



11 U.S. DEPARTMENT OF AGRICULTURE,
FOREST SERVICE

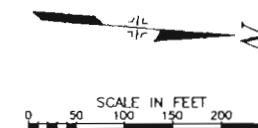


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REVISIONS	

RIGHT OF WAY
Oklahoma State Line-
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	17	19



AT&SF RAILROAD

NE 1/4 SECTION 22
T.34S., R.46W., 6th P.M.

SE 1/4 SECTION 15
T.34S., R.46W., 6th P.M.

Pt Begin Parcel (11) (Sec. 22 & 23)
Corner of Sections 22-23-15-14
T.34S., R.46W., 6th P.M.

Sta. 361+65.08 (Proposed) End R.O.W.
NH(CX) 287-1(21)
M.P. 6.82

NW 1/4 SECTION 23
T.34S., R.46W., 6th P.M.

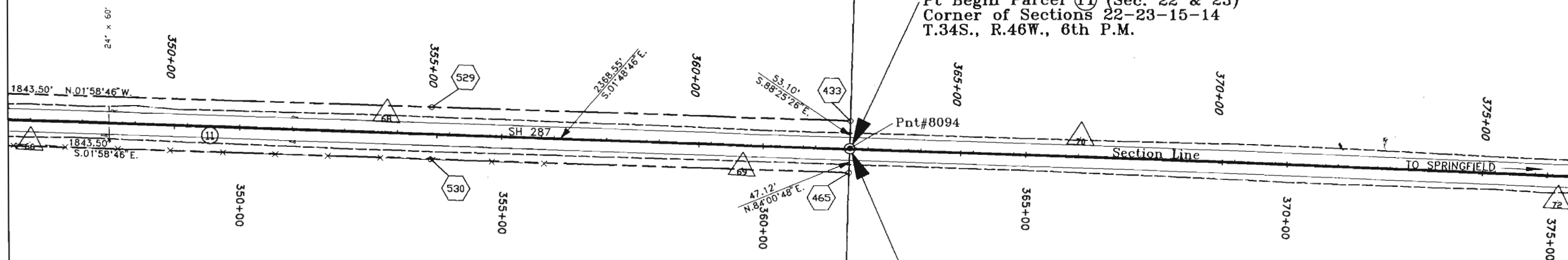
SW 1/4 SECTION 14
T.34S., R.46W., 6th P.M.

(11) U.S. DEPARTMENT OF AGRICULTURE,
FOREST SERVICE

Section Line

Section Line

TO SPRINGFIELD



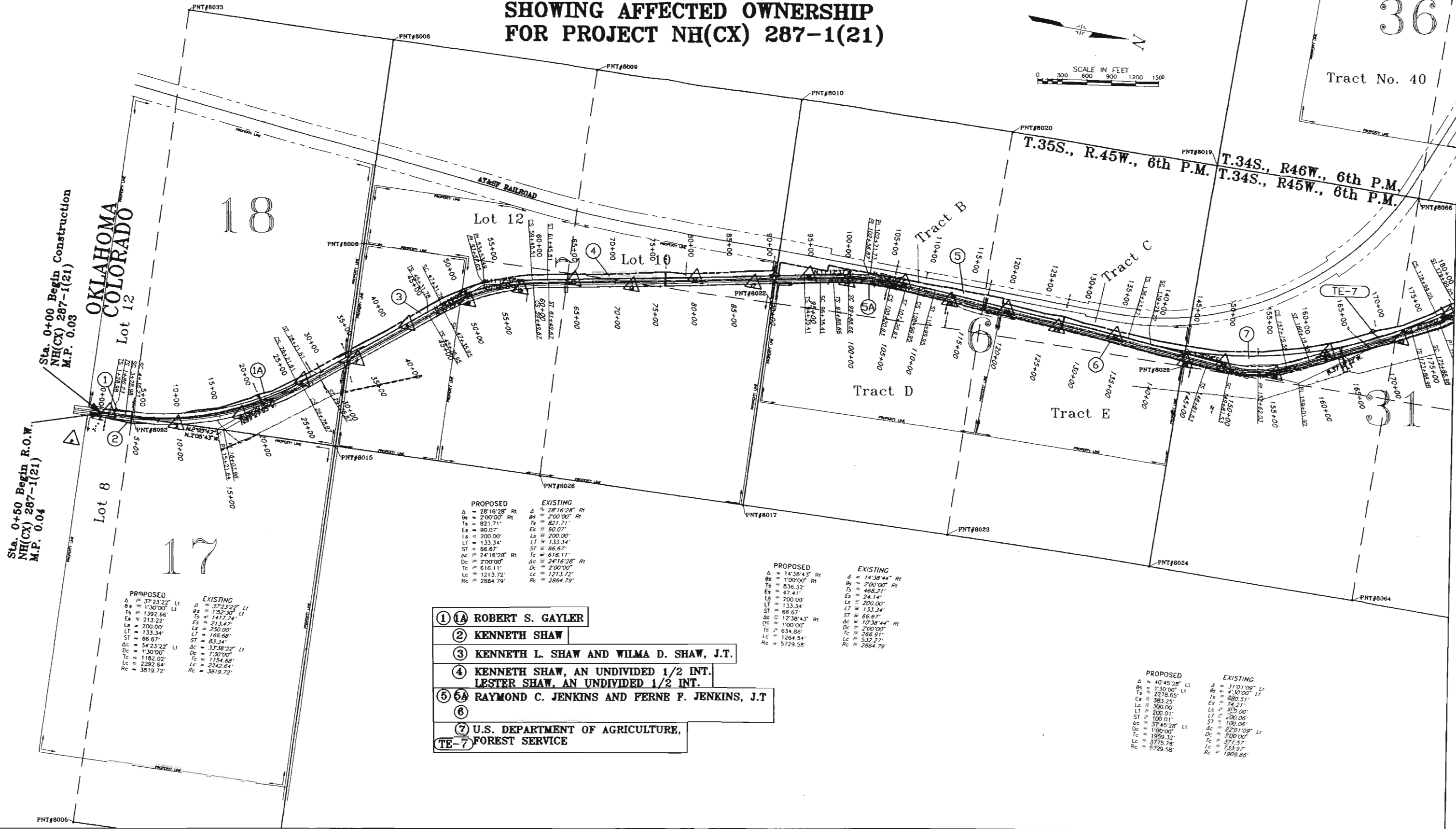
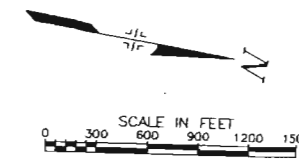
REVISIONS	

RIGHT OF WAY
Oklahoma State Line
North

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	18	19

OWNERSHIP MAP

SHOWING AFFECTED OWNERSHIP FOR PROJECT NH(CX) 287-1(21)



PROPOSED	EXISTING
Δ = 37°23'22" Lt	Δ = 37°23'22" Lt
θs = 1°30'00" Lt	θs = 1°30'00" Lt
Is = 1392.66'	Is = 1392.66'
Es = 213.22'	Es = 213.22'
Ls = 200.00'	Ls = 200.00'
LT = 133.34'	LT = 133.34'
ST = 66.67'	ST = 66.67'
Δc = 34°23'22" Lt	Δc = 34°23'22" Lt
θc = 1°30'00" Lt	θc = 1°30'00" Lt
Tc = 1182.02'	Tc = 1182.02'
Lc = 2292.64'	Lc = 2292.64'
Rc = 3819.72'	Rc = 3819.72'

PROPOSED	EXISTING
Δ = 28°16'28" Rt	Δ = 28°16'28" Rt
θs = 2°00'00" Rt	θs = 2°00'00" Rt
Is = 821.71'	Is = 821.71'
Es = 90.07'	Es = 90.07'
Ls = 200.00'	Ls = 200.00'
LT = 133.34'	LT = 133.34'
ST = 66.67'	ST = 66.67'
Δc = 24°16'28" Rt	Δc = 24°16'28" Rt
θc = 2°00'00" Rt	θc = 2°00'00" Rt
Tc = 616.11'	Tc = 616.11'
Lc = 1213.72'	Lc = 1213.72'
Rc = 2864.79'	Rc = 2864.79'

PROPOSED	EXISTING
Δ = 14°38'43" Rt	Δ = 14°38'44" Rt
θs = 1°00'00" Rt	θs = 2°00'00" Rt
Is = 836.32'	Is = 468.21'
Es = 47.41'	Es = 24.14'
Ls = 200.00'	Ls = 200.00'
LT = 133.34'	LT = 133.34'
ST = 66.67'	ST = 66.67'
Δc = 12°38'43" Rt	Δc = 10°38'44" Rt
θc = 1°00'00" Rt	θc = 2°00'00" Rt
Tc = 634.86'	Tc = 268.91'
Lc = 1264.54'	Lc = 532.27'
Rc = 5729.58'	Rc = 2864.79'

PROPOSED	EXISTING
Δ = 40°45'28" Lt	Δ = 31°01'09" Lt
θs = 1°30'00" Lt	θs = 4°40'00" Lt
Is = 2278.65'	Is = 680.51'
Es = 383.25'	Es = 74.21'
Ls = 300.00'	Ls = 100.00'
LT = 200.01'	LT = 100.06'
ST = 100.01'	ST = 100.06'
Δc = 37°45'28" Lt	Δc = 22°01'09" Lt
θc = 1°00'00" Lt	θc = 2°00'00" Lt
Tc = 1959.32'	Tc = 371.57'
Lc = 3775.78'	Lc = 733.97'
Rc = 5729.58'	Rc = 1909.86'

- ① ①A ROBERT S. GAYLER
- ② KENNETH SHAW
- ③ KENNETH L. SHAW AND WILMA D. SHAW, J.T.
- ④ KENNETH SHAW, AN UNDIVIDED 1/2 INT.
LESTER SHAW, AN UNDIVIDED 1/2 INT.
- ⑤ ⑤A RAYMOND C. JENKINS AND FERNE F. JENKINS, J.T
- ⑥
- ⑦ U.S. DEPARTMENT OF AGRICULTURE,
TE-7 FOREST SERVICE

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH(CX)287-1(21)	19	19

7 10 11 U.S. DEPARTMENT OF AGRICULTURE,
TE-7 FOREST SERVICE
TE-7A
TE-10 TE-10A TE10B

⑧ MURIEL I. MILLS, as to a life estate and
ANITA L. JAMES and LLOYD B. JAMES J.T., 1/3 interest
ARLIN E. MILLS and WAHNETTA R. MILLS, J.T., 1/3 interest
DELORES J. JONES and DONALD E. JONES, J.T., 1/3 interest

⑨ STATE OF COLORADO,
TE-9 BOARD OF LAND COMMISSIONERS

