

STATE DEPARTMENT OF HIGHWAYS

DIVISION OF HIGHWAYS—STATE OF COLORADO

CONVENTIONAL SIGNS

County Line
Township or Range Line
Land Lines
Property or Tract Line
City Limits
Railroad
Existing Road
New Road

Control of Access
Access Denied by Dred
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
Electric Lines
Elec. Trans. Tower M
Buried Tel. Cable
Buried Electric Cable
Gas Main
Oil Main
Water Main
Sanitary Sewers
Storm Sewers

Road Approaches
Section Corner
Center of Section

Culverts & Drains
Proposed
Existing
Proposed
Existing (To be dashed)
Bridges
Existing (To be dashed)

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. IXFU 470-1(2) PHASE II STATE HIGHWAY NO. C-470 JEFFERSON COUNTY

RIGHT OF WAY

PLAN SHEETS SCALE 1"=100'
OWNERSHIP MAP SCALE 1"=400'
LENGTH OF ROW = 4.901 MILES

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLORADO	IXFU 470-1(2) PHASE II	

RIGHT OF WAY		REVISIONS	
C 470			
170 to SH 85			

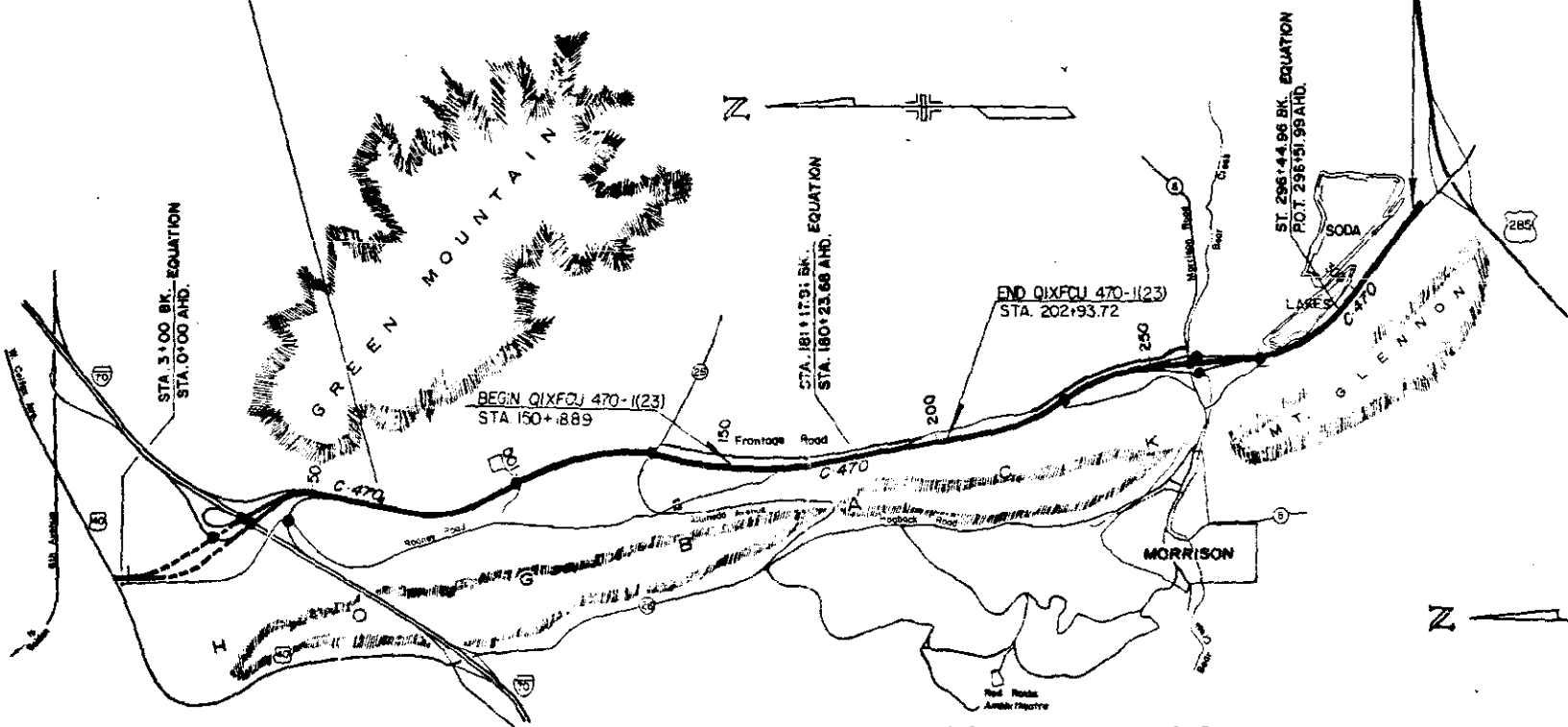
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	21-23

STA. 67+09.24 BEGIN IXFU 470-1(2) PHASE II

C-470 LENGTH OF IMPROVEMENT = 25,877.96 FT. OR 4.901 MILES

STA. 325+00 END IXFU 470-1(2) PHASE II



NOTE: ● DENOTES STRUCTURE

DIVISION OF HIGHWAYS

APPROVED: *Richard Brash* 9/17/83
DISTRICT ENGINEER DATE

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____ DATE _____
DIVISION ADMINISTRATOR

NOTE: PARCELS 256, 263, 249, 270,
262, 246, 272, 271, 250 TO BE
ACQUIRED UNDER PROJ. OXPCU 470-1(23)
PARCELS 256, 260, 261, 266 TO
BE ACQUIRED UNDER PROJECTS
170-3(143) and 170-3(125)
COMBINED PROJECTS

CENTENNIAL PARKWAY (C-470)
PHASE 2
R. O. W.

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XX	COLORADO	OXPCU 470-1(2) PHASE II	2	

RIGHT OF WAY
C 470
170 to SH 85

REVISIONS	
9/8/83	Name change Parcel 237

PARCEL NUMBER	SHEET NUMBER	OWNER	STATION	LOCATION	AREA (ACRES)		REMAINDER	
					PARCEL	TAKE	LEFT	RIGHT
260	8 & 9	INTERSTATES DENVER WEST	STA. 20+00 to 30+00	SE 1/4 SEC. II, T. 4 S., R. 70 W.	94.736	8.661	86.075	
			STA. 35+50 to 39+20	SE 1/4 SEC. II, T. 4 S., R. 70 W.	43.858	9.629	34.229	
261	8	WALTER J. SARAD	STA. 35+00 to 39+40	SE 1/4 SEC. II, T. 4 S., R. 70 W. NE 1/4 SEC. I, T. 4 S., R. 70 W.	0.310	0.310		
266	8 & 10	JOHN O. HAYDEN	STA. 21+00 to 32+00	SW 1/4 SEC. II, T. 4 S., R. 70 W.	55.467	24.351	31.116	
			STA. 36+00 to 37+50	SW 1/4 SEC. II, T. 4 S., R. 70 W.	0.313	0.313		
			STA. 40+60 to 66+70	N 1/2 SEC. I, T. 4 S., R. 70 W.	86.041	35.551	15.234	35.256
256	10 thru 13	CITY OF LAKEWOOD	STA. 66+70 to 95+20	SE 1/4 SEC. I, T. 4 S., R. 70 W.	138.278	21.072	114.407	2.799
			STA. 94+20 to 111+10	N 1/2 NE 1/4 SEC. 23, T. 4 S., R. 70 W.	56.362	16.423	34.673	5.266
			STA. 150+15 to 156+80	NE 1/4 SEC. 26, T. 4 S., R. 70 W.	15.668	5.707	3.680	6.281
PE 256			STA. 155+82.06 to 157+21.49	NE 1/4 SEC. 26, T. 4 S., R. 70 W.		0.948		
258	10 & 11	DENVER BRICK & PIPE CO. & GEORGE W. PARFET ESTATE	STA. 66+70 to 83+20	SW 1/4 SEC. I, T. 4 S., R. 70 W.	33.035	5.388		27.647
211	11 & 12	PUBLIC SERVICE CO. OF COLORADO	STA. 86+70 to 91+50	SE 1/4 SEC. I, T. 4 S., R. 70 W.	3.616	0.897		2.719
			STA. 114+00 to 124+70	NE 1/4 AND SE 1/4 SEC. 23 T. 4 S., R. 70 W.	17.032	2.582	9.203	5.247
268	12	SECURITY REALTY CO.	STA. 131+40 to 137+00	SE 1/4 SEC. 23, T. 4 S., R. 70 W.	14.002	4.394	0.553	9.055
254	12 & 13	ALEXANDER ROONEY	STA. 137+00 to 150+20	SE 1/4 SEC. 23, T. 4 S., R. 70 W.	70.289	11.461	16.903	41.925
			STA. 109+60 to 131+20	S 1/2 NE 1/4 AND SE 1/4 SEC. 23, T. 4 S., R. 70 W.	94.500	14.430	31.318	48.752
263	13	GOOD PARTNERSHIP	STA. 156+80 to 165+70	NE 1/4 SEC. 26, T. 4 S., R. 70 W.	26.272	6.858	18.005	1.409
PE 263			STA. 157+21.49 to 161+50	NE 1/4 SEC. 26, T. 4 S., R. 70 W.		1.409		
PE 263			STA. 162+01.89 to 165+70.82	NE 1/4 SEC. 26, T. 4 S., R. 70 W.		1.951		
270	13 & 14	SPRINGFIELD DEVELOPMENT CORP.	STA. 165+70 to 176+00	NE 1/4 SEC. 26, T. 4 S., R. 70 W.	35.612	2.028	33.584	
PE 270			STA. 165+70.82 to 168+41.31	NE 1/4 SEC. 26, T. 4 S., R. 70 W.		0.780		
246	13 thru 15	COLCO CORP.	STA. 169+90 to 195+35	E 1/2 SEC. 26, T. 4 S., R. 70 W.	21.483	14.668		6.815
			STA. 198+25 to 202+65	SE 1/4 SEC. 26, T. 4 S., R. 70 W.	4.020	3.063		0.957
272	14 & 15	SOUTHWEST DEVELOPMENT CORP.	STA. 178+40 to 187+60	SE 1/4 SEC. 26, T. 4 S., R. 70 W.	17.389	3.698	13.691	
			STA. 187+94.94 to 203+10.96	SE 1/4 SEC. 26, T. 4 S., R. 70 W.	75.509	1.879	73.630	
			STA. 178+57.96 to 188+49.66	SE 1/4 SEC. 26, T. 4 S., R. 70 W.		2.653		
PE 272			STA. 187+94.94 to 199+00	SE 1/4 SEC. 26, T. 4 S., R. 70 W.		3.401		
262	13	ROBERT D. WARNER	STA. 165+70 to 169+90	NE 1/4 SEC. 26, T. 4 S., R. 70 W.	1.983	1.983		
249	13	OCEAN MAJESTIC	STA. 162+60 to 165+50	NE 1/4 SEC. 26, T. 4 S., R. 70 W.	0.621	0.593		0.028
250	14	WESTERN PAVING CORP.	STA. 196+00 to 198+30	SE 1/4 SEC. 26, T. 4 S., R. 70 W.	2.010	1.523		0.487
271	14	LARRY FULLER, ETAL	STA. 195+35 to 196+00	SE 1/4 SEC. 26, T. 4 S., R. 70 W.	0.608	0.460		0.148
247	14 & 15	JOHN C. BANDIMERE	STA. 202+30 to 225+60	NE 1/4 SEC. 35, T. 4 S., R. 70 W.	110.665	16.565	6.576	87.524
PE 247			STA. 204+00 to 211+61.12	NE 1/4 SEC. 35, T. 4 S., R. 70 W.		0.676		
200	17 & 18	DENVER WATER BOARD	STA. 265+00 to 268+90	NE 1/4 SEC. I, T. 5 S., R. 70 W.	3.830	1.144	1.427	1.259

PARCEL NUMBER	SHEET NUMBER	OWNER	STATION	LOCATION	AREA (ACRES)		REMAINDER	
					PARCEL	TAKE	LEFT	RIGHT
239 C	16	SHARON PETERSON	STA. 225+40 to 230+45	NW 1/4 SEC. 36, T. 4 S., R. 70 W.	12.834	4.124	9.138	0.572
239 A	16	PHILLIP PETERSON	STA. 220+80 to 225+40	NW 1/4 SEC. 36, T. 4 S., R. 70 W.	12.867	2.549	10.318	
239 B	15 & 16	FRANK & JUDITH PETERSON	STA. 218+10 to 222+25	NW 1/4 SEC. 36, T. 4 S., R. 70 W.	12.867	0.512	12.355	
239 D			STA. 225+40 to 225+41	NW 1/4 SEC. 36, T. 4 S., R. 70 W.	0.031	0.009	0.022	
238	16 & 17	TURKEY FLATS SYNDICATE	STA. 229+50 to 232+25	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	116.782	0.573	115.687	0.217
			STA. 251+50 to 254+00	SW 1/4 SEC. 36, T. 4 S., R. 70 W.		0.054		
			STA. 254+00 to 257+00	SW 1/4 SEC. 36, T. 4 S., R. 70 W.		0.251		
		T.F.S./MORRISON RD.	STA. 256+55 to 256+70	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	0.316	0.016	0.300	
235	17	LELAND C. COX ***	STA. 251+45 to 256+40	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	5.455	5.286		0.169
			STA. 257+00 to 258+30	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	0.552	0.552		
		L.C.C./MORRISON RD.	STA. 256+50 to 257+20	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	0.277	0.277		
237	17	TOWN OF MORRISON	STA. 252+20 to 256+50	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	2.1	2.1		
			STA. 256+50 to 256+65	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	0.100	0.100		
236	16 & 17	ROONEY ROAD LAND INVESTMENT CO.	STA. 231+20 to 251+50	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	46.033	19.417	17.570	9.046
234	17	DE MONACO LTD.	STA. 254+70 to 257+00	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	6.633	4.047		2.586
232	17	DENNIS E. STEVENS * <i>Aggregate Prod</i>	STA. 257+00 to 258+50	SW 1/4 SEC. 36, T. 4 S., R. 70 W.	0.741	0.307	0.434	
			STA. 258+50 to 261+70	NW 1/4 SEC. I, T. 5 S., R. 70 W.	2.418	0.739	1.679	
233	17	TOWN OF MORRISON	STA. 258+20 to 261+60	NW 1/4 SEC. I, T. 5 S., R. 70 W.	0.999	0.999		
230	17	RALPH & PEARL WEBB	STA. 258+40 to 261+50	NW 1/4 SEC. I, T. 5 S., R. 70 W.	2.066	1.116		0.950
267	17 & 18	AGGREGATE PROPERTIES	STA. 258+40 to 267+50	NW 1/4 SEC. I, T. 5 S., R. 70 W.	30.061	6.840	22.675	0.546
			STA. 266+70 to 271+00	NW 1/4 SEC. I, T. 5 S., R. 70 W.	6.403	2.743	1.160	2.500
241	18 & 19	GENESEE WATER AND SEWER DISTRICT	STA. 271+50 to 272+50	NW 1/4 SEC. I, T. 5 S., R. 70 W.	0.871	0.050	0.821	
242	18 & 19	CARLE & LENA L. SCOTT *	STA. 271+50 to 274+70	NW 1/4 SEC. I, T. 5 S., R. 70 W.	1.783	1.587	0.176	0.020
			STA. 274+00 to 274+70	NW 1/4 SEC. I, T. 5 S., R. 70 W.	0.299	0.106		0.193
240	18 & 19	LOUIS CRISP	STA. 271+50 to 272+70	NW 1/4 SEC. I, T. 5 S., R. 70 W.	0.433	0.433		
243	18 & 19	ROBERT J. MUELLER *	STA. 272+80 to 274+10	NW 1/4 SEC. I, T. 5 S., R. 70 W.	1.097	0.206		0.891
228	18 & 19	RONALD W. & MICHELLE C. MAXWELL *	STA. 274+50 to 278+40	NW 1/4 SEC. I, T. 5 S., R. 70 W.	9.662	1.939	0.829	6.894
227	18 & 19	SUSANNA WILSON AND JOANNA ELLIS *	STA. 277+70 to 280+20	NW 1/4 SEC. I, T. 5 S., R. 70 W.	4.847	0.876	0.192	3.779
226	18 & 19	GARY A. & TINA RAE GREENWOOD *	STA. 279+40 to 280+50	NW 1/4 SEC. I, T. 5 S., R. 70 W.	5.934	0.185	0.010	5.739
224	18 & 19	DONALD D. WAGGONER *	STA. 279+70 to 282+75	NW 1/4 SEC. I, T. 5 S., R. 70 W.	1.561	1.134	0.001	0.426
223	18 & 19	JAMES R. & O. JEAN ADKINS	STA. 281+70 to 284+70	NW 1/4 SEC. I, T. 5 S., R. 70 W.	7.625	1.042		6.583
219	18 & 19 20 & 21	JEFFERSON COUNTY OPEN SPACE	STA. 270+90 to 271+50 STA. 280+80 to 326+80	S 1/2 SEC. I, T. 5 S., R. 70 W.	411.243	23.157	221.087	166.999
218	17	SEAR CREEK DEVELOPMENT CORP. **	STA. 261+40 to 262+80	NW 1/4 SEC. I, T. 5 S., R. 70 W.		0.257		

* AREA DOES NOT INCLUDE SOCA LAKES ROADWAY OR MORRISON ROAD.
** AREA OF PARCEL AND REMAINDER COULD NOT BE DETERMINED DUE TO THE VAGUENESS OF THE DEED.
*** AREA INCLUDES CONTESTED SECTION OF MORRISON ROAD.

TOTAL 1728.476 299.291 937.758 491.684
- 0.257 **
299.034
11.818

PERMANENT EASEMENTS

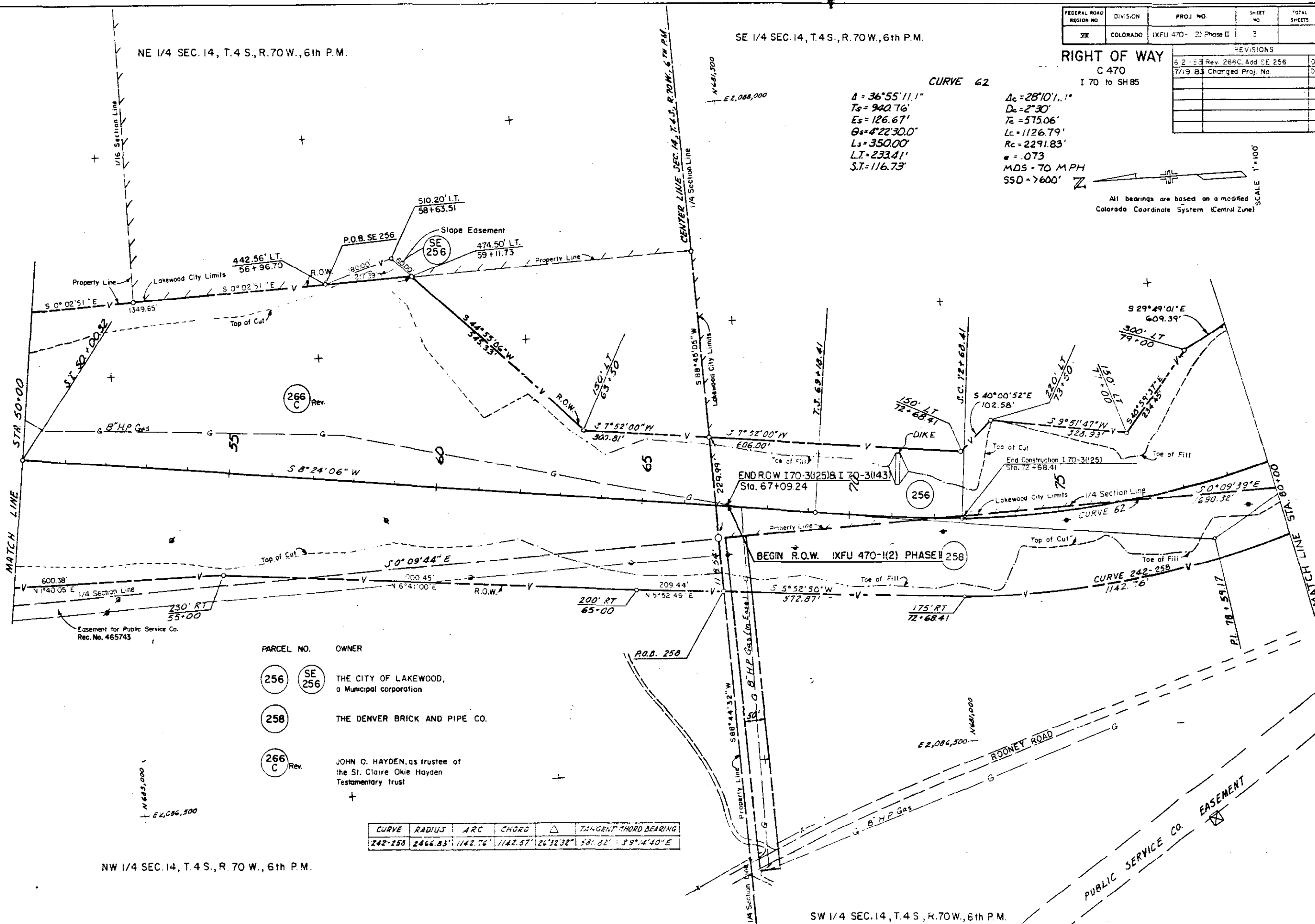
FEDERAL ROAD DISTRICT NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	IXFU 470- 2) Phase II	3	

REVISIONS	
6-2-83 Rev. 266C, Add SE 256	06
7-19-83 Changed Proj. No.	06

RIGHT OF WAY
C 470
I 70 to SH 85

CURVE 62
 $\Delta = 36^{\circ}55'11.1''$
 $T_s = 940.76'$
 $E_s = 126.67'$
 $\theta_s = 4^{\circ}22'30.0''$
 $L_s = 350.00'$
 $L_T = 233.41'$
 $S.T. = 116.73'$
 $\Delta_c = 28^{\circ}10'1.1''$
 $D_c = 2^{\circ}30'$
 $T_c = 575.06'$
 $L_c = 1126.79'$
 $R_c = 2291.83'$
 $e = .073$
MDS - 70 MPH
SSD - 7600'

SCALE 1"=100'
All bearings are based on a modified Colorado Coordinate System (Central Zone)



PARCEL NO.	OWNER
256 SE 256	THE CITY OF LAKEWOOD, a Municipal corporation
258	THE DENVER BRICK AND PIPE CO.
266 C Rev.	JOHN O. HAYDEN, as trustee of the St. Claire Okie Hayden Testamentary trust

NW 1/4 SEC. 14, T.4 S., R.70 W., 6th P.M.

SW 1/4 SEC. 14, T.4 S., R.70 W., 6th P.M.

SE 1/4 SEC. 14, T. 4 S., R. 70 W., 6th PM.

NW 1/4 SEC. 23, T. 4 S., R. 70 W., 6th PM.

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	100-470-1-1	4	

REVISIONS	
NO.	DESCRIPTION
1	AS SHOWN ON PLAN

RIGHT OF WAY

C 470

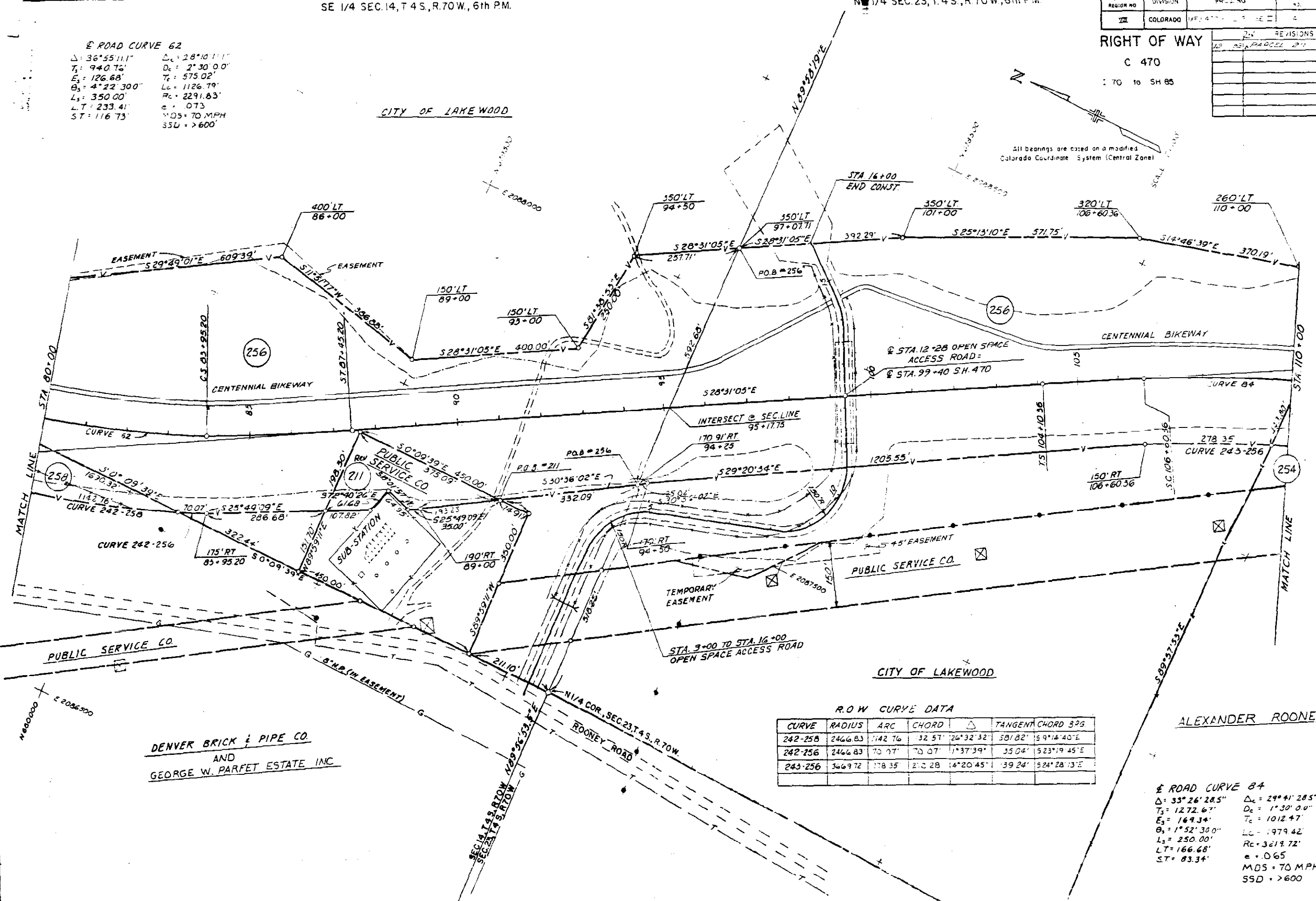
170 to SH 85

E ROAD CURVE 62

$\Delta = 36^\circ 55' 11''$
 $T_1 = 940.76'$
 $E_1 = 126.68'$
 $\theta_1 = 4^\circ 22' 30''$
 $L_1 = 350.00'$
 $LT = 233.41'$
 $ST = 116.73'$

$\Delta_c = 28^\circ 10' 11''$
 $D_c = 2^\circ 30' 00''$
 $T_c = 575.02'$
 $L_c = 1126.79'$
 $R_c = 2291.83'$
 $e = 0.73$
 $MDS = 70 \text{ MPH}$
 $SSD > 600'$

CITY OF LAKEWOOD

All bearings are based on a modified
Colorado Coordinate System (Central Zone)

R.O.W. CURVE DATA

CURVE	RADIUS	ARC	CHORD	Δ	TANGENT	CHORD BPG
242-256	2466.83	1142.76	32.57	26°32'32"	581.82'	59°14'40"E
242-256	2466.83	70.07	70.07	1°37'39"	35.04'	523°19'45"E
243-256	3669.72	178.35	27.28	14°20'45"	39.24'	524°28'13"E

E ROAD CURVE 84

$\Delta = 33^\circ 26' 28.5''$
 $T_1 = 1272.67'$
 $E_1 = 169.34'$
 $\theta_1 = 1^\circ 52' 30.0''$
 $L_1 = 250.00'$
 $LT = 166.68'$
 $ST = 83.34'$

$\Delta_c = 29^\circ 41' 28.5''$
 $D_c = 1^\circ 30' 00''$
 $T_c = 1012.47'$
 $L_c = 1979.42'$
 $R_c = 3619.72'$
 $e = 0.65$
 $MDS = 70 \text{ MPH}$
 $SSD > 600'$

SW 1/4 SEC. 14, T. 4 S., R. 70 W., 6th PM.

NW 1/4 SEC. 23, T. 4 S., R. 70 W., 6th PM.

NE 1/4 SEC. 23, T.4 S., R.70 W.

E 1/4 COR. SEC. 23

SEC. 24, T.4 S., R.70 W.
SEC. 23, T.4 S., R.70 W.RIGHT OF WAY
C 470
I 70 to SH 85

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	DFU 470- 23 PHASE II	5	

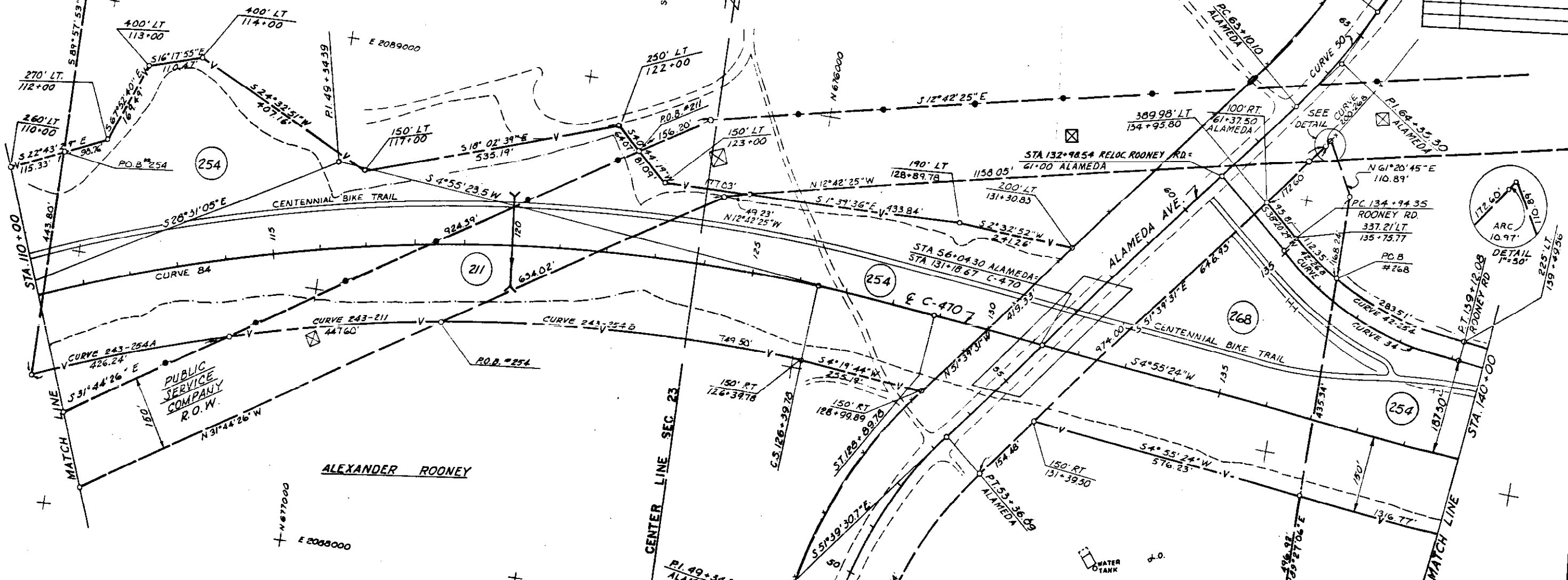
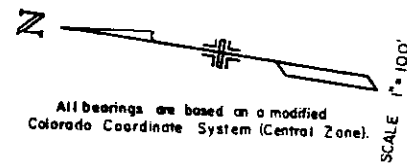
REVISIONS

CITY
OF
LAKEWOOD

ALEXANDER ROONEY

SE 1/4 SEC. 23, T.4 S., R.70 W.

ALEXANDER ROONEY



R.O.W. CURVE DATA

CURVE	RADIUS	ARC	CHORD	Δ	TANGENT	CHORD BEARING
243-254A	3669.72'	426.24'	426.00'	6°39'18"	213.36'	S 18°58'11"E
243-211	3669.72'	447.60'	447.32'	6°59'18"	224.07'	S 12°08'53"E
243-254B	3669.72'	749.50'	748.20'	11°42'08"	376.06'	S 2°48'10"E
42-268	678.70'	112.35'	112.22'	9°29'04"	56.30'	S 33°35'57"E
42-254	678.70'	283.51'	281.45'	23°56'02"	143.85'	S 16°53'25"W

CURVE 84

$\Delta = 33^\circ 26' 29''$
 $T_c = 127.67'$
 $E_s = 169.34'$
 $\phi_s = 1^\circ 52' 30''$
 $L_s = 250.00'$
 $L.T. = 166.00'$
 $S.T. = 83.34'$

$\Delta_c = 29^\circ 41' 29''$
 $D_c = 1^\circ 30' 00''$
 $T_c = 1012.47'$
 $L_c = 1979.42'$
 $R_c = 3619.72'$
 $e = .05$
 $MDS = 70 MPH$
 $SSD > 600'$

NE 1/4, SEC. 23, T.4 S., R.70 W., 6TH P.M.

CURVE 200-268
 $\Delta = 0^\circ 30' 15''$
 $D = 4^\circ 35' 51''$
 $T = 5.48'$
 $L = 10.97'$
 $R = 1246.21'$

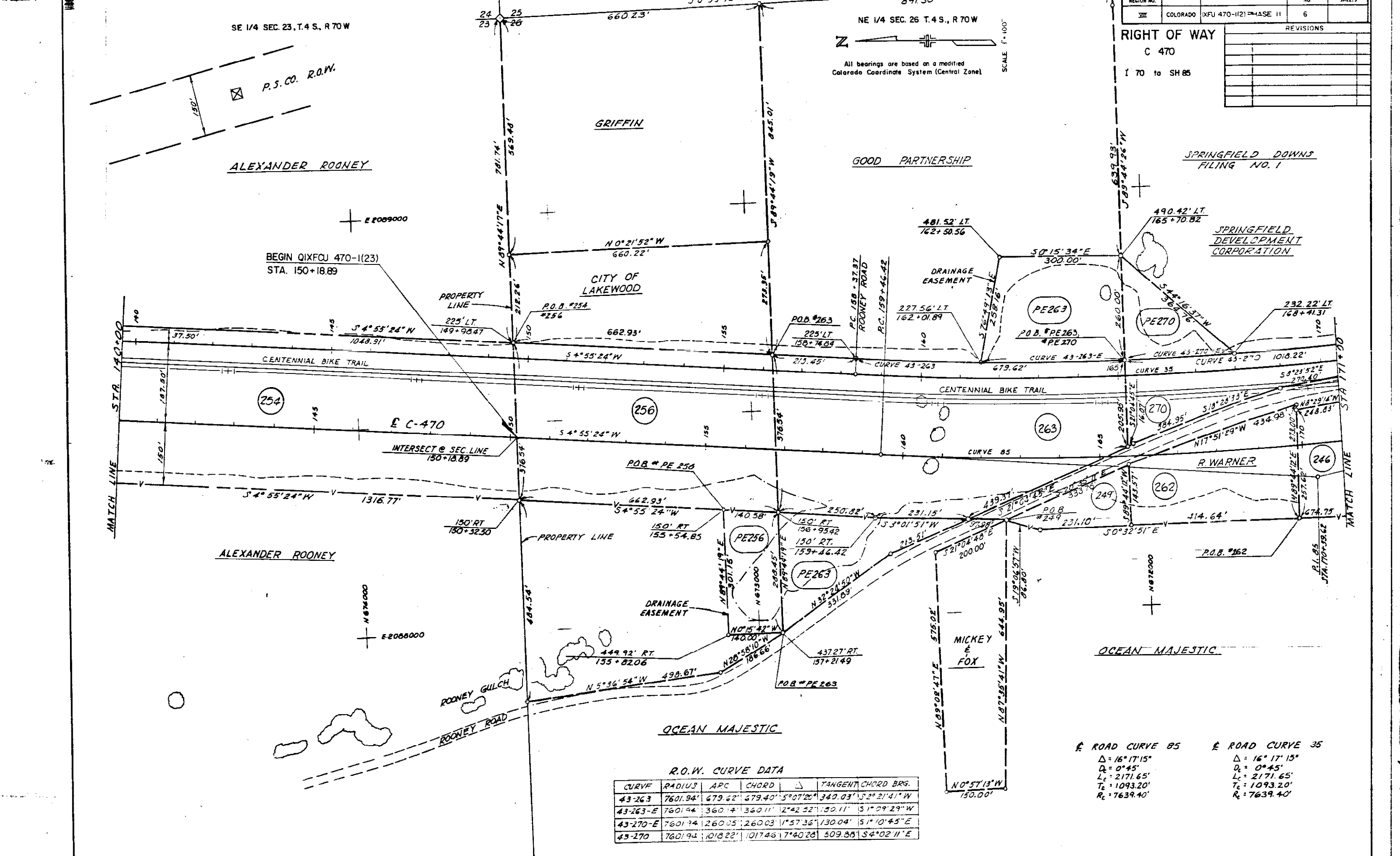
CURVE 50
 $\Delta = 12^\circ 28' 00''$
 $D = 4^\circ 59' 54''$
 $T = 125.20'$
 $L = 249.41'$
 $R = 1146.27'$
 $e = .046$
 $MDS = 40 MPH$

CURVE 51
 $\Delta = 58^\circ 48' 00''$
 $D = 6^\circ 36' 03''$
 $T = 469.10'$
 $L = 890.80'$
 $R = 868.01'$
 $e = .052$
 $MDS = 40 MPH$

CURVE 34
 $\Delta = 33^\circ 25' 06''$
 $D = 8^\circ 00' 00''$
 $T = 216.99'$
 $L = 417.73'$
 $R = 716.20'$
 $e = .056$
 $MDS = 40 M.P.H.$

CURVE 201-268
 $\Delta = 34^\circ 52' 47''$
 $D = 7^\circ 27' 37''$
 $T = 241.27'$
 $L = 407.54'$
 $R = 768.01'$

SE 1/4, SEC. 23, T.4 S., R.70 W., 6TH P.M.



R.O.W. CURVE DATA						
CURVE	RADIUS	ARC	CHORD	Δ	TANGENT	CHORD BRG.
43-263	7601.94'	679.62'	679.40'	5°07'25"	340.03'	S 2°21'41" W
43-263-E	7601.94'	360.14'	360.11'	2°42'52"	130.11'	S 1°09'29" W
43-270-E	7601.94'	260.05'	260.03'	1°57'36"	130.04'	S 1°10'45" E
43-270	7601.94'	1018.22'	1017.46'	7°40'28"	509.86'	S 4°02'11" E

ROAD CURVE 85		ROAD CURVE 35	
Δ = 16°17'15"	Δ = 16°17'15"	Δ = 16°17'15"	Δ = 16°17'15"
D _c = 0°45'	D _c = 0°45'	D _c = 0°45'	D _c = 0°45'
L _c = 2171.65'	L _c = 2171.65'	L _c = 2171.65'	L _c = 2171.65'
T _c = 1093.20'	T _c = 1093.20'	T _c = 1093.20'	T _c = 1093.20'
R _c = 7639.40'	R _c = 7639.40'	R _c = 7639.40'	R _c = 7639.40'

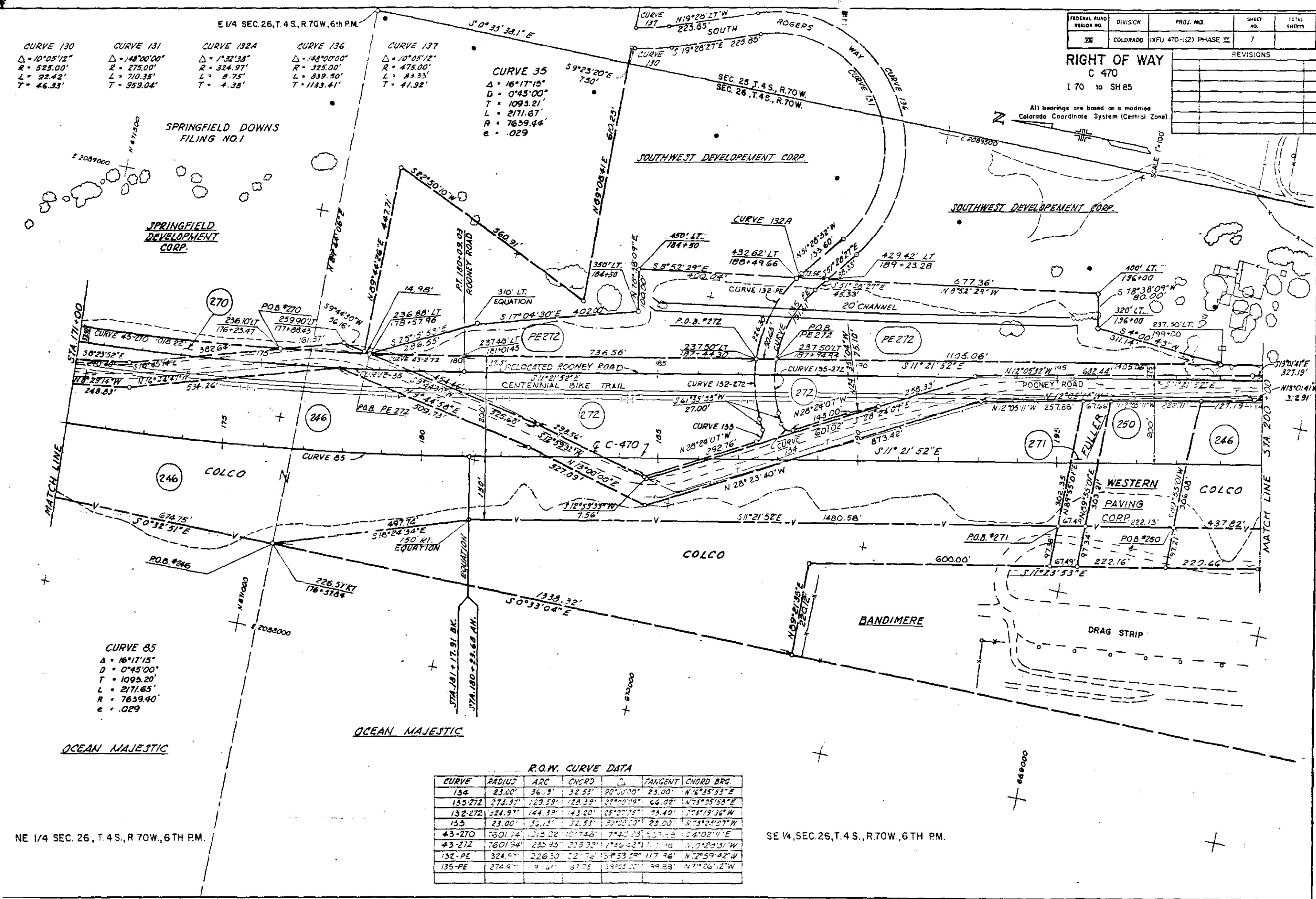
FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
<u>VII</u>	COLORADO	(X)FU 470-1(2) PHASE II	7	

RIGHT OF WAY

C 470

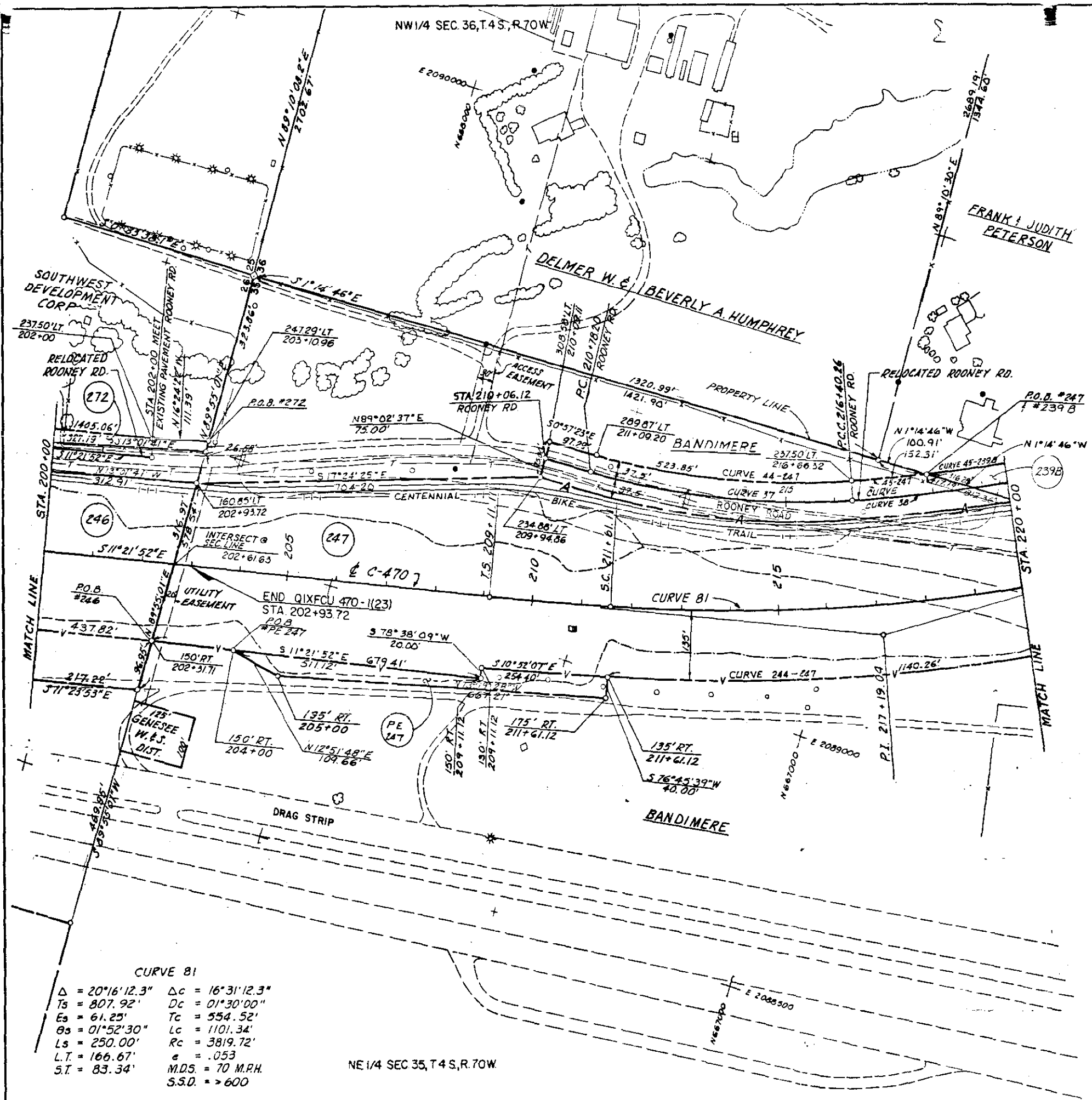
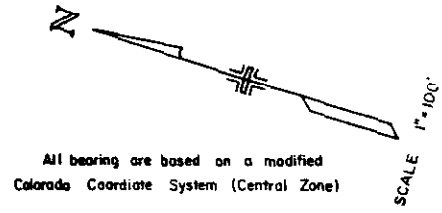
I 70 to SH 85

ings are based on a modified
coordinate System (Central Zone).



R.O.W. CURVE DATA						
CURVE	RADIUS	ARC	CHORD	Δ	TANGENT	CHORD BRG.
134	23.00'	36.15'	32.53'	90°00'00"	23.00'	N 6°35'53"E
135-272	274.97'	129.59'	124.39'	27°00'00"	66.02'	N 78°05'53"E
132-272	324.97'	144.39'	143.20'	25°02'35"	73.40'	N 74°19'36"W
135	23.00'	56.13'	52.53'	30°00'00"	23.00'	N 73°24'07"W
43-270	7601.94'	1015.22'	10174.8'	7°40'23"	539.68'	S 4°02'11"E
43-272	7601.94'	245.93'	245.32'	1°26'42"	117.98'	N 10°24'31"W
132-PE	324.97'	226.30'	22.78'	15°53'59"	117.96'	N 72°59'42"W
135-PE	274.97'	9.51'	87.75'	3°45'23"	99.88'	N 71°26'12"W

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	IXFU 470-1 21 PHASE II	8	
RIGHT OF WAY				
C 470				
I 70 to SH 85				
REVISIONS				



R.O.W. CURVE DATA						
CURVE	RADIUS	ARC	CHORD	Δ	TANGENT	CHORD BEARING
44-247	1511.24'	523.85'	521.23'	19°51'39"	264.58'	S 10°53'13" E
45-247	3510.74'	152.31'	152.30'	2°29'09"	76.17'	S 22°03'37" E
244-247	3954.72'	1140.26'	1136.32'	16°31'12"	574.11'	N 12°29'58" N
45-239B	3510.74'	350.07'	349.93'	5°42'48"	175.18'	S 26°09'35" E

CURVE 81
Δ = 20°16'12.3" Δc = 16°31'12.3"
Ts = 807.92' Dc = 01°30'00"
Es = 61.25' Tc = 554.52'
Os = 01°52'30" Lc = 1101.34'
Ls = 250.00' Rc = 3819.72'
L.T. = 166.67' e = .053
S.T. = 83.34' M.D.S. = 70 M.P.H.
S.S.D. = 600

CURVE 37
Δ = 19°51'39"
D = 3°41'58"
T = 271.15'
L = 536.85'
R = 1548.74'
e = .058

CURVE 36
Δ = 10°24'07"
D = 1°38'53"
T = 322.97'
L = 644.17'
R = 3548.24'
e = .030 FT/FT

NE 1/4 SEC 35, T 4 S, R 70 W

RIGHT OF WAY

C 470

I 70 to SH 85

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	IXFU 470-112 PHASE II	9	
REVISIONS				

R.O.W. CURVE DATA						
CURVE	RADIUS	ARC	CHORD	Δ	TANGENT	CHORD BRG.
45-239B	3510.74'	350.07'	349.93'	5°42'48"	5.18'	S 26°09'35"E
45-239A	3510.74'	134.98'	134.97'	2°12'10"	57.49'	S 30°07'04"E
46-239	4621.16'	382.69'	382.58'	4°44'41"	31.45'	S 28°50'48"E
46-238	4621.16'	66.34'	66.34'	0°49'21"	33.17'	S 26°03'47"E
46-236	4621.16'	1262.43'	1258.51'	15°39'08"	535.17'	S 17°49'32"E
244-247	3954.72'	1140.26'	1136.32'	16°31'12"	574.11'	N 21°29'58"W
245-236	3669.72'	1311.10'	1304.14'	20°28'13"	562.61'	S 19°13'09"E
245-238	3669.72'	19.53'	19.53'	0°18'18"	9.77'	S 29°36'25"E

DETAIL "A"
NO SCALE

DETAIL "B"
NO SCALE

DETAIL "A"
NO SCALE

DETAIL "B"
NO SCALE

CURVE 39
Δ = 21°13'11"
D = 01°15'00"
T = 858.62'
L = 1697.57'
R = 4583.66'
e = .0255

CURVE 82

Δ = 26°47'34" Δc = 23°02'34"
Ts = 1034.89' Dc = 01°30'00"
Es = 107.55' Tc = 778.62'
Bs = 01°52'30" Lc = 1536.19'
Ls = 250.00' Rc = 3819.72'
LT = 166.68' e = .053
ST = 83.34' M.D.S. = 70 M.P.H.
S.S.D. = 600'

CURVE 38

Δ = 10°24'06"
D = 1°38'53"
T = 322.97'
L = 644.17'
R = 3548.24'
e = .030

CURVE 81

Δ = 20°16'12" Δc = 16°31'12"
Ts = 807.92' Dc = 1°30'00"
Es = 61.25' Tc = 554.52'
Bs = 1°52'30" Lc = 1101.34'
Ls = 250.00' Rc = 3819.72'
LT = 166.67' e = .053
ST = 83.34' M.D.S. = 70 M.P.H.
S.S.D. = 600'

SW 1/4 SEC. 36, T.4S., R. 70W.

NW 1/4 SEC. 1, T.5S., R. 70W.

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	COLORADO	IXFU 470 - 1122 PHASE II	10	

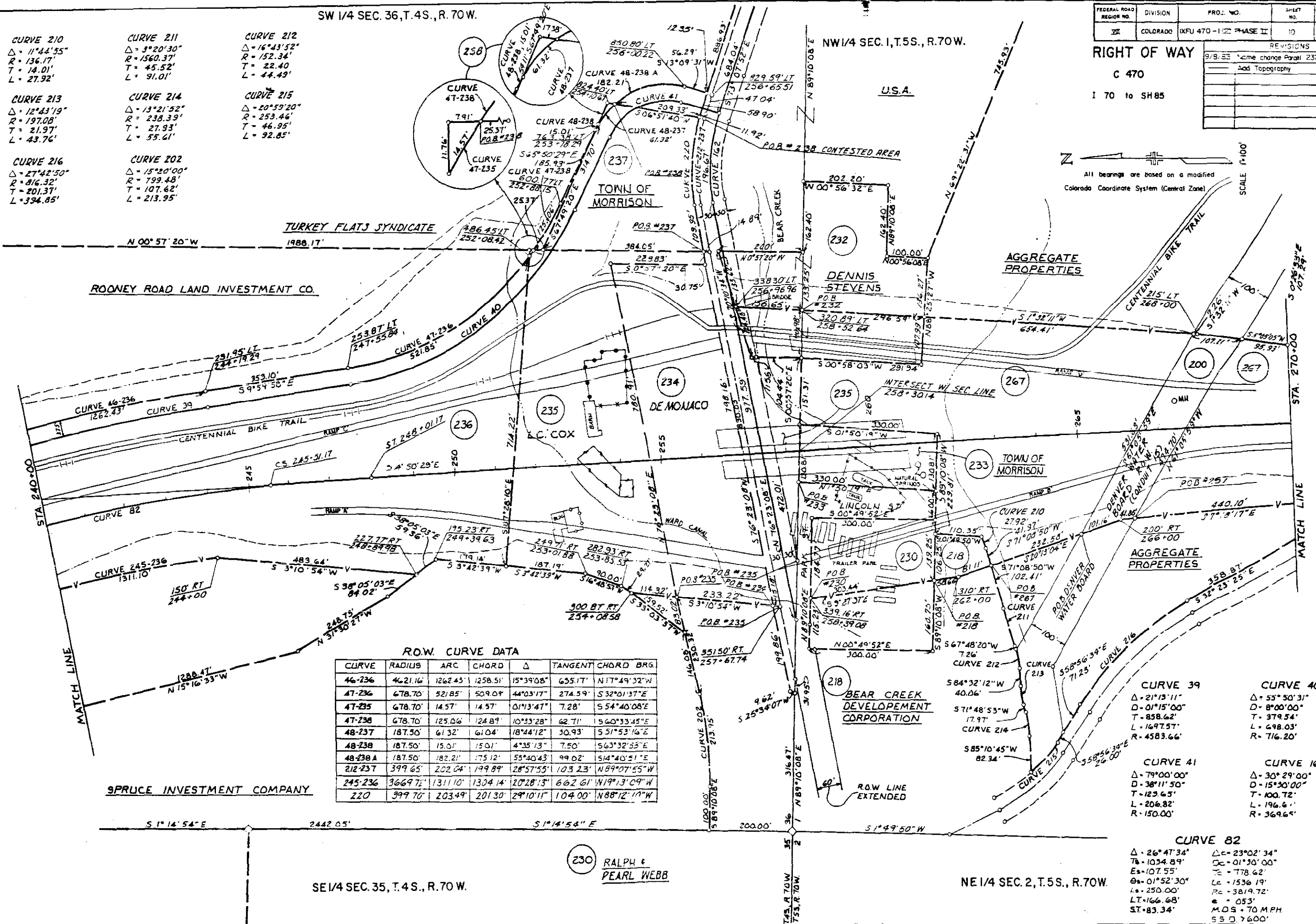
REVISIONS	
9/8/83	Change Parallel 237
	Add Topography

RIGHT OF WAY
C 470
I 70 to SH85

All bearings are based on a modified
Colorado Coordinate System (Central Zone)

SCALE 1"=100'

CURVE 210 Δ = 11°44'55" R = 136.17' T = 14.01' L = 27.92'	CURVE 211 Δ = 3°20'30" R = 1560.37' T = 45.52' L = 91.01'	CURVE 212 Δ = 16°43'52" R = 152.34' T = 22.40' L = 44.49'
CURVE 213 Δ = 12°43'19" R = 197.08' T = 21.97' L = 43.76'	CURVE 214 Δ = 13°21'52" R = 238.39' T = 27.93' L = 55.61'	CURVE 215 Δ = 20°59'20" R = 253.46' T = 46.95' L = 92.85'
CURVE 216 Δ = 27°42'50" R = 816.32' T = 201.37' L = 394.85'	CURVE 202 Δ = 15°30'00" R = 199.48' T = 107.62' L = 213.95'	



R.O.W. CURVE DATA

CURVE	RADIUS	ARC	CHORD	Δ	TANGENT	CHORD BRG.
46-236	4621.16'	1262.43'	1258.51'	15°39'08"	635.17'	N17°49'32"W
47-236	678.70'	521.85'	509.09'	44°03'17"	274.59'	S32°01'37"E
47-235	678.70'	14.57'	14.57'	01°13'47"	7.28'	S54°40'08"E
47-238	678.70'	125.06'	124.89'	10°33'28"	62.71'	S60°33'45"E
48-237	187.50'	61.32'	61.04'	18°44'12"	30.93'	S51°53'16"E
48-238	187.50'	15.01'	15.01'	4°35'13"	7.50'	S63°32'53"E
48-238A	187.50'	182.21'	175.12'	55°40'43"	99.02'	S14°40'51"E
212-237	399.65'	202.04'	199.89'	28°57'55"	103.23'	N89°07'55"W
245-236	3669.71'	1311.10'	1304.14'	20°28'13"	662.61'	N19°13'09"W
220	399.70'	203.49'	201.30'	29°10'11"	104.00'	N88°12'10"W

CURVE 39 Δ = 21°13'11" D = 01°15'00" T = 858.62' L = 1697.57' R = 4583.66'	CURVE 40 Δ = 55°50'31" D = 8°00'00" T = 379.54' L = 698.03' R = 716.20'
CURVE 41 Δ = 79°00'00" D = 38°11'50" T = 123.65' L = 206.82' R = 150.00'	CURVE 162 Δ = 30°29'00" D = 15°30'00" T = 100.72' L = 196.61' R = 369.65'

CURVE 82 Δ = 26°47'34" T = 1034.89' E = 107.55' D = 01°52'30" L = 250.00' LT = 166.68' ST = 83.34'	CURVE 162 Δ = 23°02'34" D = 01°30'00" T = 778.62' L = 1536.19' R = 3819.72' e = 053' M.D.S. = 70 M.P.H. S.S.D. = 7600'
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SE 1/4 SEC. 35, T.4S., R. 70W.

NE 1/4 SEC. 2, T.5S., R. 70W.

NW 1/4, SEC. 1, T. 5 S., R. 70 W., 6 TH P.M.

FEDERAL ROAD REGION NO.	DIVISION	PROJ NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	DFU 470-1(2) PHASE II	11	

RIGHT OF WAY

C 470

I 70 to SH 85

REVISIONS

All bearings are based on a modified Colorado Coordinate System Central Zone

SCALE 1"=100'

CURVE #	Δ	RADIUS	TANGENT	LENGTH
285-228	4°52'30"	2764.79'	117.69'	235.24'
285-227	3°36'02"	2764.79'	96.90'	173.74'
285-226	0°45'38"	2764.79'	8.35'	36.70'
285-224	0°15'20"	2764.79'	0.17'	12.34'
285-219	16°30'30"	2764.79'	401.08'	796.60'
165	20°50'46"	580.48'	107.88'	213.38'
166	8°01'16"	2959.25'	207.48'	414.28'
270	2°27'17"	1071.74'	22.96'	45.92'
271	5°25'47"	2834.79'	134.42'	268.64'

NOTE 1" = 50' DETAIL SEE SHEET 19

CURVE 83

Δ = 46°14'55"
T_s = 1373.92'
E_s = 251.70'
O_s = 3°00'00"
L_s = 300.00'
LT = 200.03'
ST = 100.03'
Δ_c = 40°14'55"
D_c = 2°00'00"
T_c = 1049.74'
L_c = 2012.43'
R_c = 2864.79'
e = .065
M.D.S. = 70 M.P.H.
SSD > 600'

CURVE 96

Δ = 8°01'16"
R = 2929.25'
T = 205.38'
L = 410.08'

CURVE 95

Δ = 20°50'46"
R = 616.48'
T = 113.40'
L = 224.30'

SW 1/4, SEC. 1, T. 5 S., R. 70 W., 6 TH P.M.

NW 1/4, SEC. 1, T. 5 S., R. 70 W., 6TH. P.M.

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
III	COLORADO	IXFU 470-1(2) PHASE II	12	

REVISIONS	

RIGHT OF WAY

C 470

I 70 to SH 85

DETAIL "A"

CURVE #	Δ	RADIUS	TANGENT	LENGTH
285-228	4°52'30"	2764.79'	117.69'	235.24'
285-227	3°36'02"	2764.79'	86.90'	173.74'
285-226	0°45'39"	2764.79'	18.35'	36.70'
285-224	0°15'20"	2764.79'	6.17'	12.34'
285-219	16°30'30"	2764.79'	401.08'	796.60'
165-243	20°50'46"	5864.8'	107.88'	213.38'
166-228	5°27'40"	2959.25'	141.14'	282.06'
270	2°27'17"	1071.74'	22.96'	45.92'
271-242	4°00'00"	2834.79'	99.06'	198.04'
166-242	0°54'13"	2959.25'	23.34'	46.67'
166-243	1°39'23"	2959.25'	42.78'	85.55'

CURVE 166

Δ = 8°01'16"
R = 2959.25'
T = 207.48'
L = 414.28'

CURVE 83

Δ = 46°4'55"
T₁ = 1373.92'
E₁ = 251.70'
Δ_c = 40°14'55"
D_c = 2°00'00"
T_c = 1049.74'
E_c = 3°00'00"
L_c = 300.00'
L_t = 200.03'
ST = 100.03'

SCALE: 1" = 50'

CURVE 128

Δ = 4°47'30"
R = 2891.98'
T = 120.96'
L = 241.79'

CURVE 271

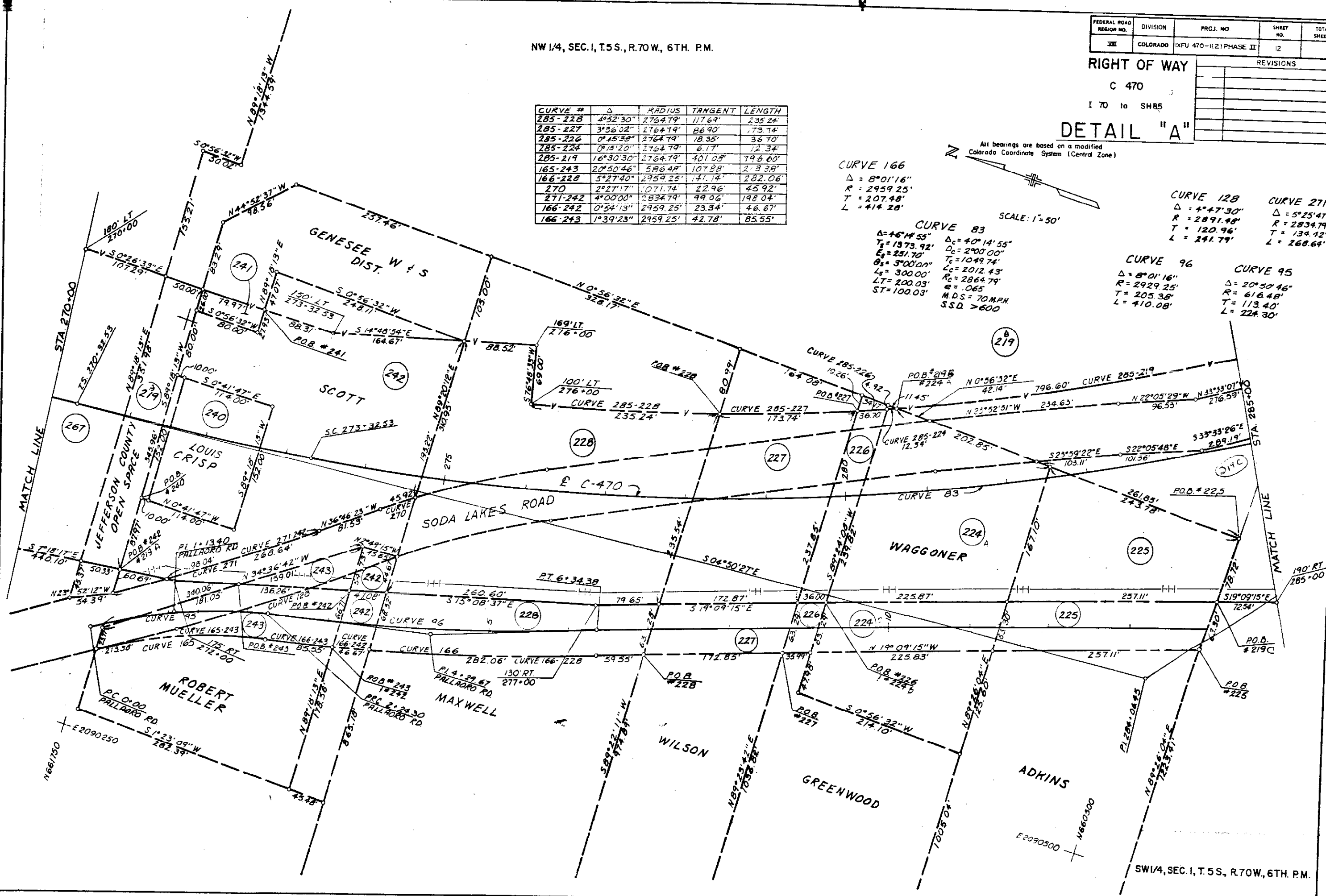
Δ = 5°25'47"
R = 2834.79'
T = 134.42'
L = 268.64'

CURVE 96

Δ = 8°01'16"
R = 2929.25'
T = 205.38'
L = 410.08'

CURVE 95

Δ = 20°50'46"
R = 616.48'
T = 113.40'
L = 224.30'



SW 1/4, SEC. 1, T. 5 S., R. 70 W., 6TH. P.M.

SEC. 1, T. 5 S., R. 70 W., 6TH PM.

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	10FJ 470-1(2) PHASE II	13	

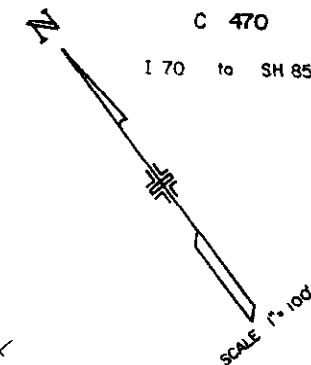
RIGHT OF WAY

C 470

I 70 to SH 85

REVISIONS

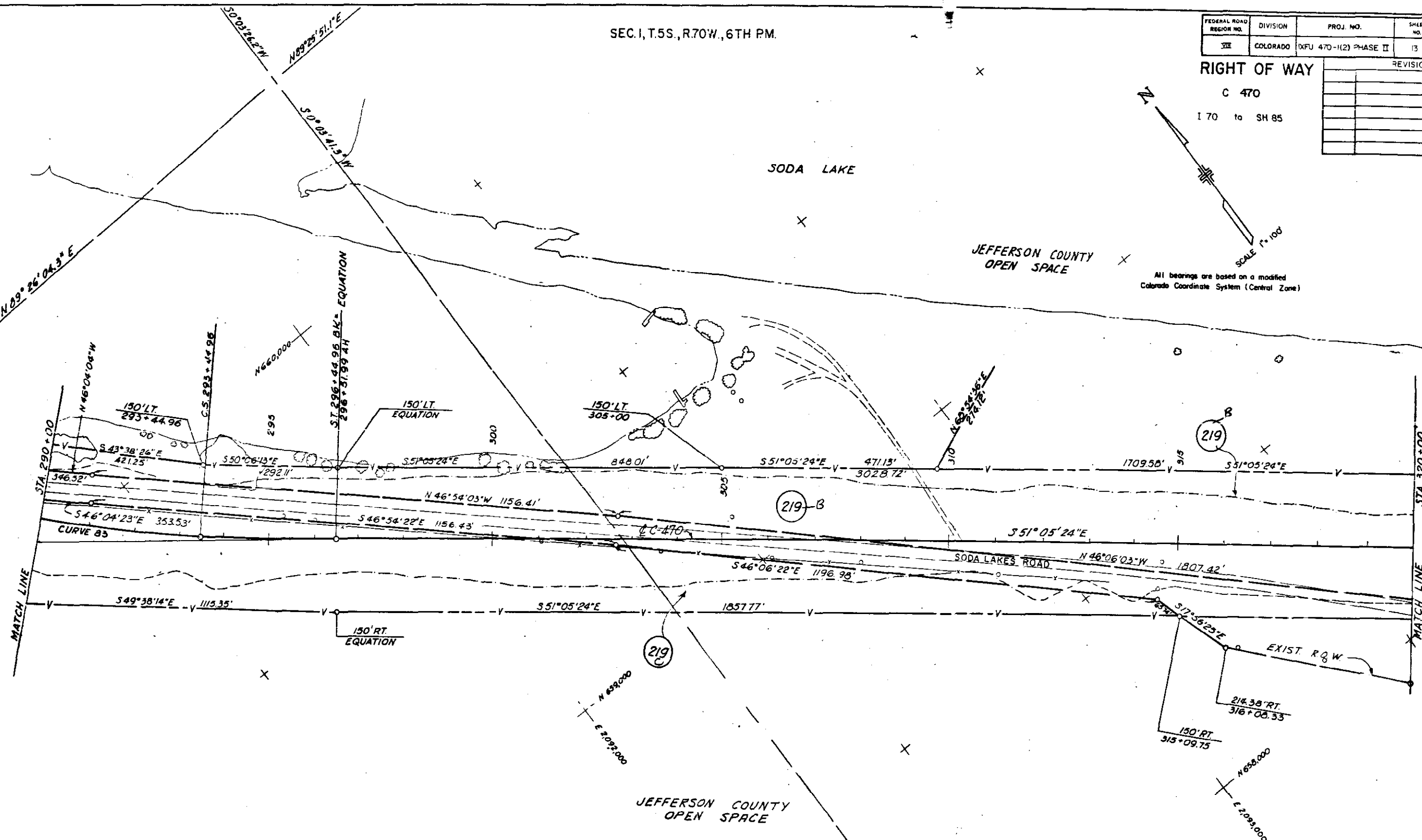
NO.	DESCRIPTION



All bearings are based on a modified
Colorado Coordinate System (Central Zone)

SODA LAKE

JEFFERSON COUNTY
OPEN SPACE



CURVE 83

Δ = 46°14'55"	Δ_c = 40°14'55"
T_s = 1373.92'	D_c = 2°00'00"
E_s = 251.70'	T_c = 1049.74'
ϕ = 3°00'00"	L_c = 2012.43'
L_s = 300.00'	R_c = 2864.79'
L_t = 200.03'	e = .065
$S.T.$ = 100.03'	$M.O.S.$ = 70 MPH
	$S.S.D.$ > 600'

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	XFU 470-1(2) PHASE II	14	

REVISIONS	

RIGHT OF WAY

C 470

I 70 to SH 85

All bearings are based on a modified
Colorado Coordinate System (Central Zone)

SCALE 1"=100'

SODA LAKE

JEFFERSON COUNTY
OPEN SPACE

MATCH LINE
STA 320+00

351°05'24"E 1709.58'
3028.72'

219
D

N 46°52'49"W 463.30'
50°02'47"W 136.20'

N 46°06'03"W 1807.42'

EXIST. R.O.W.
281.64' RT
321+35.03

STA 325+00 END PROJECT
1X FU 470-1(2) PHASE II

INTERSECT @ SEC. LINE
324+97.08

SODA LAKES ROAD

JEFFERSON COUNTY
OPEN SPACE

CURVE 68
Δ: 16°32'16" Δc: 12°47'16"
T₁: 680.22' D_c: 1"30'00"
E₁: 40.82' T_c: 428.04'
θ₁: 1°52'30" L_c: 852.52'
L₁: 250' R_c: 3819.72'
LT: 166.68' C: .053
ST: 83.34' M.D.S. = 70 M.P.H.
S.S.D. > 600'

HAMPDEN AVE.
US 285

QUINCY AVE.

CURVE 68

MATCH LINE
STA 350+00

T.S. 341+96.17

S.C. 324+46.17

S 0°00'26.7"W

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XII	COLORADO	OFU 470-1(2) PHASE II	15	

RIGHT OF WAY

C 470

170 to SH 85

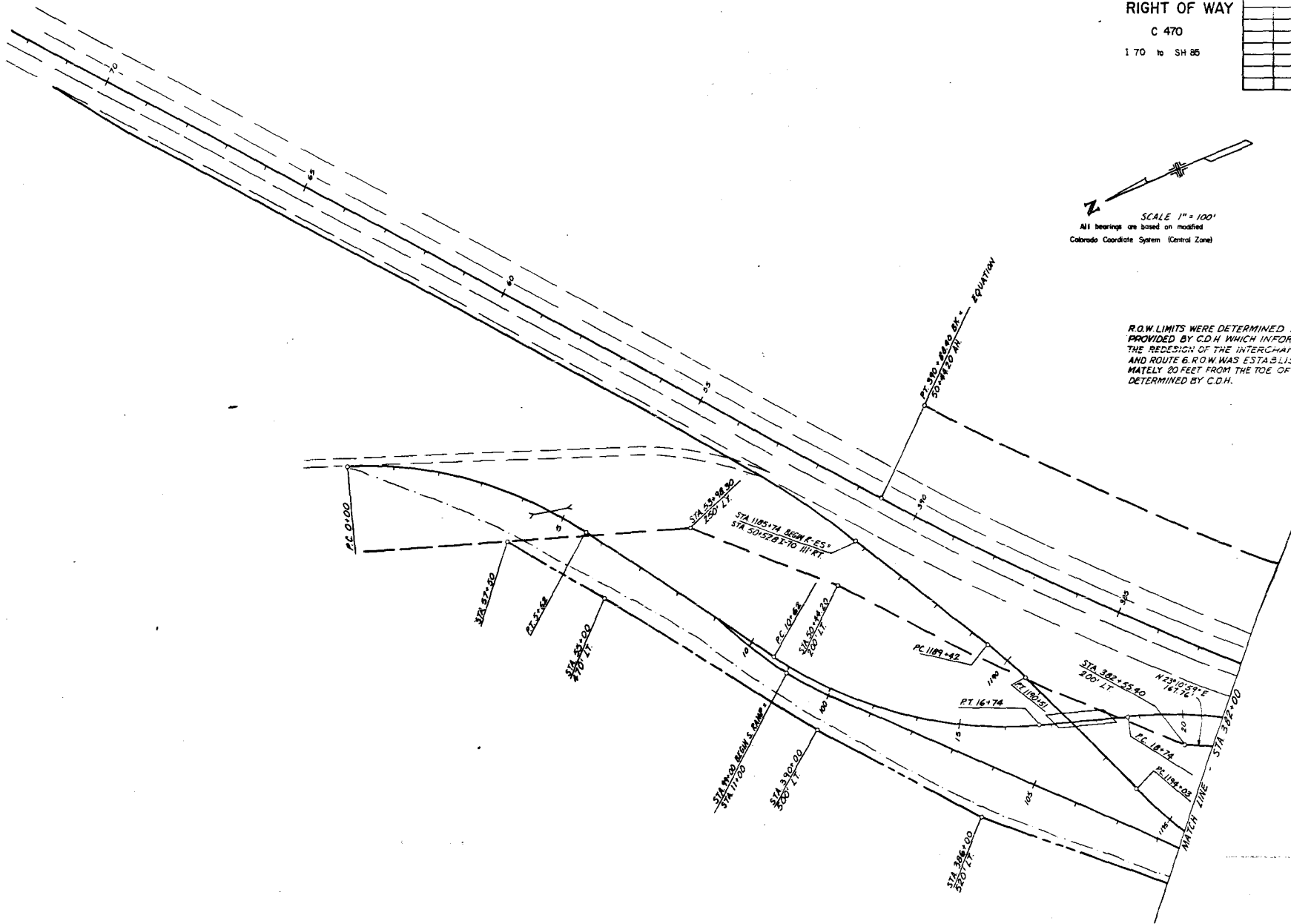
REVISIONS



SCALE 1" = 100'

All bearings are based on modified
Colorado Coordinate System (Central Zone)

R.O.W. LIMITS WERE DETERMINED FROM INFORMATION
PROVIDED BY C.D.H. WHICH INFORMATION DEPICTS
THE REDESIGN OF THE INTERCHANGE AT C470.170,
AND ROUTE 6 R.O.W. WAS ESTABLISHED AT APPROXI-
MATELY 20 FEET FROM THE TOE OF THE SLOPE AS
DETERMINED BY C.D.H.

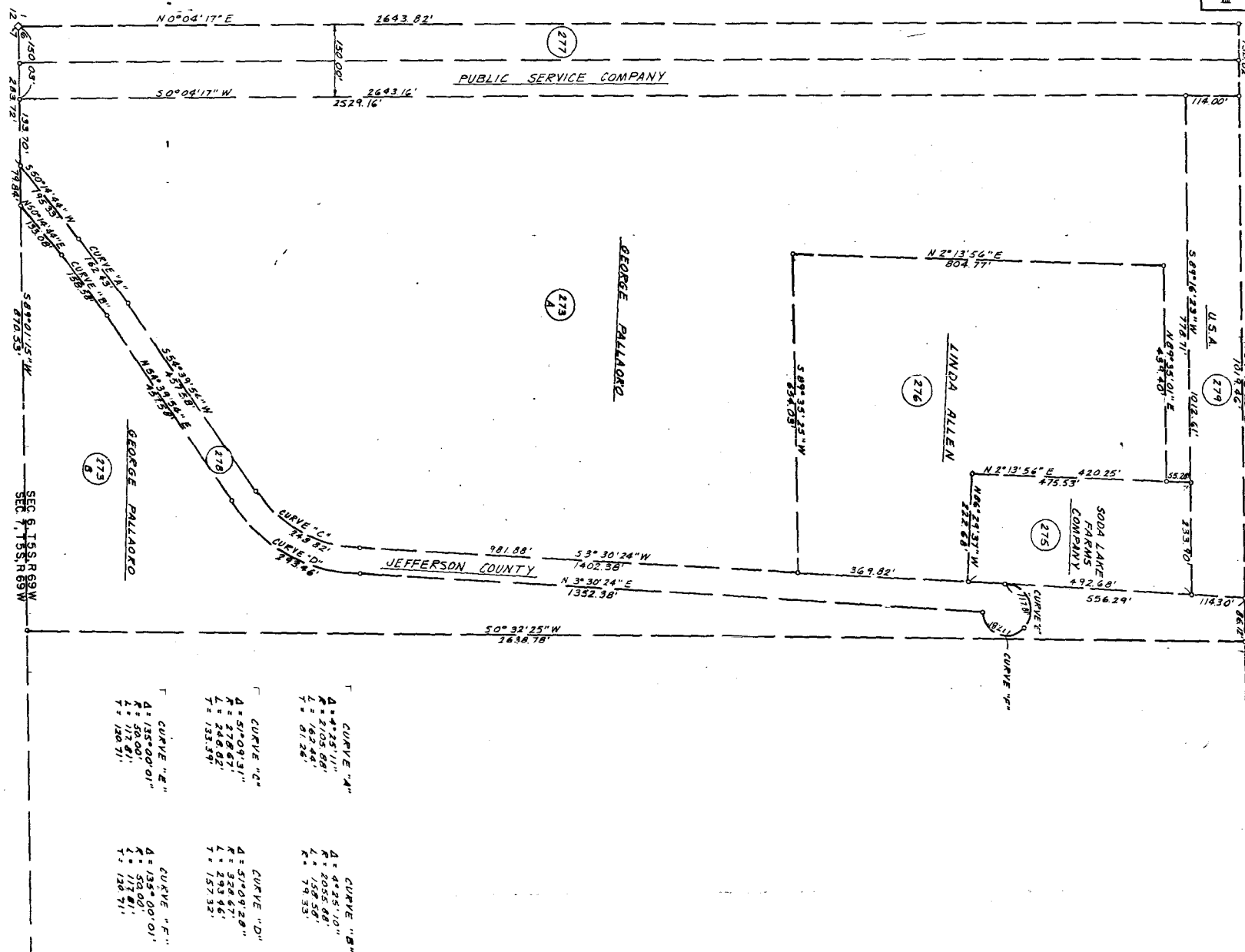


FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
III	COLORADO	HFJ 470-1121 PHASE II	15	

RIGHT
OF WAY
C 470
170 to SH 85

REVISIONS

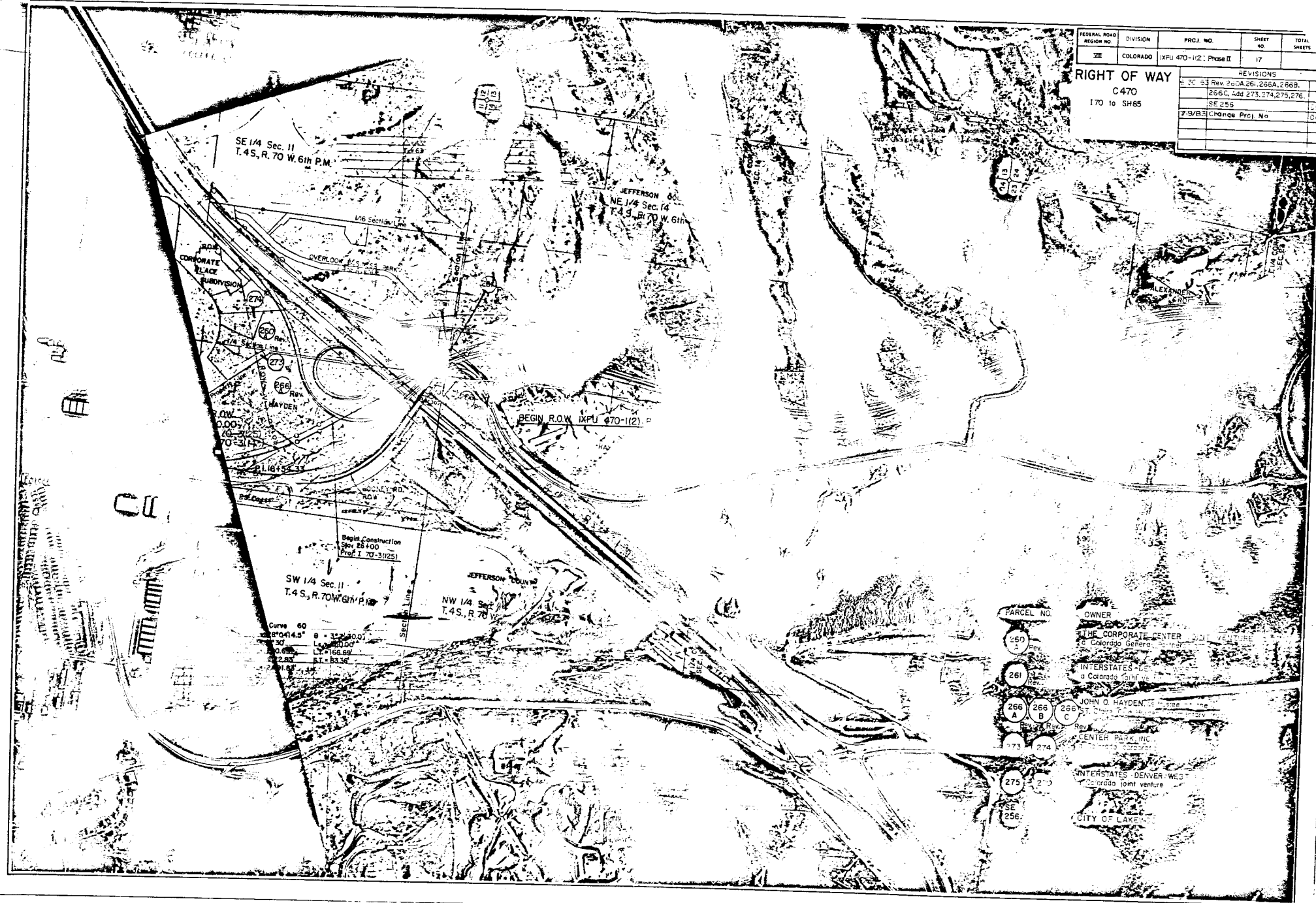
SCALE 1" = 100'
 All bearings are based on a modified
 Colorado Coordinate System (Central Zone)



FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
III	COLORADO	XPU 470-1(2) Phase II	17	

REVISIONS	
20	Rev 200A, 26, 266A, 266B.
25	256C, Add 273, 274, 275, 276.
26	SE 255
27	7/9/83 Change Proj. No.
28	
29	
30	

RIGHT OF WAY
C470
170 to SH85



FEDERAL ROAD DISTRICT NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
III	COLORADO	DFU 470-11.2.1 PHASE II	15	

RIGHT OF WAY	
C 470	
170 to SH 85	
REVISIONS	

