

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY
JCT. SH 83 SPUR - NORTH

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NH-FCU(CX) 083-1(52)	1	7
REVISIONS				

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. NH-FCU(CX) 083-1(52) STATE HIGHWAY NO. 83 EL PASO COUNTY RIGHT OF WAY

R.O.W. LENGTH OF PROJECT = 8,013.8' OR 1.518 MILES

INDEX OF SHEETS

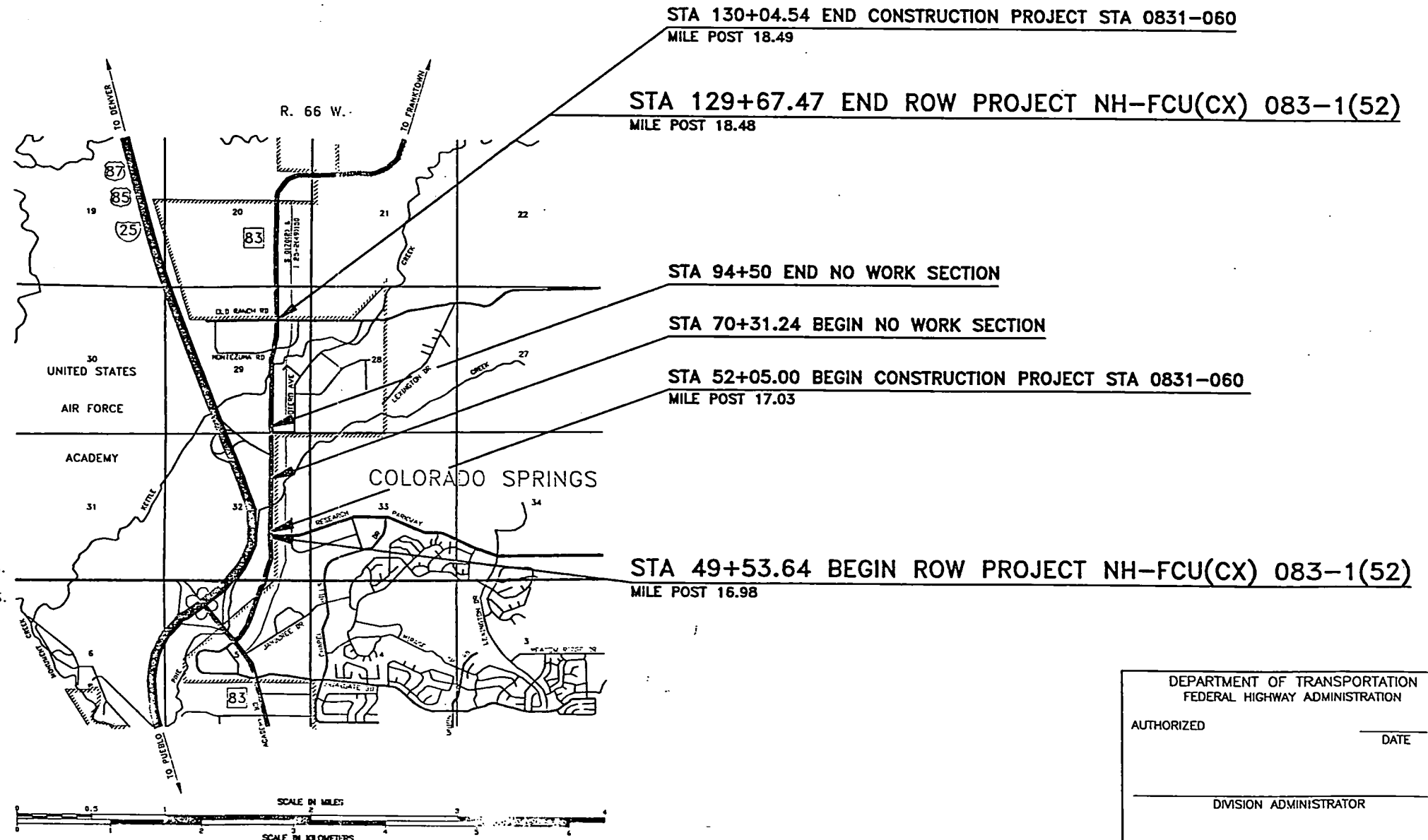
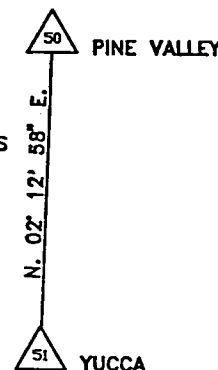
- 1 TITLE SHEET
- 2-2A TABULATION OF PROPERTIES SHEETS
- 3-3E CONTROL AND MONUMENTATION SHEETS
- 4-7 PLAN SHEETS

CONVENTIONAL SIGNS

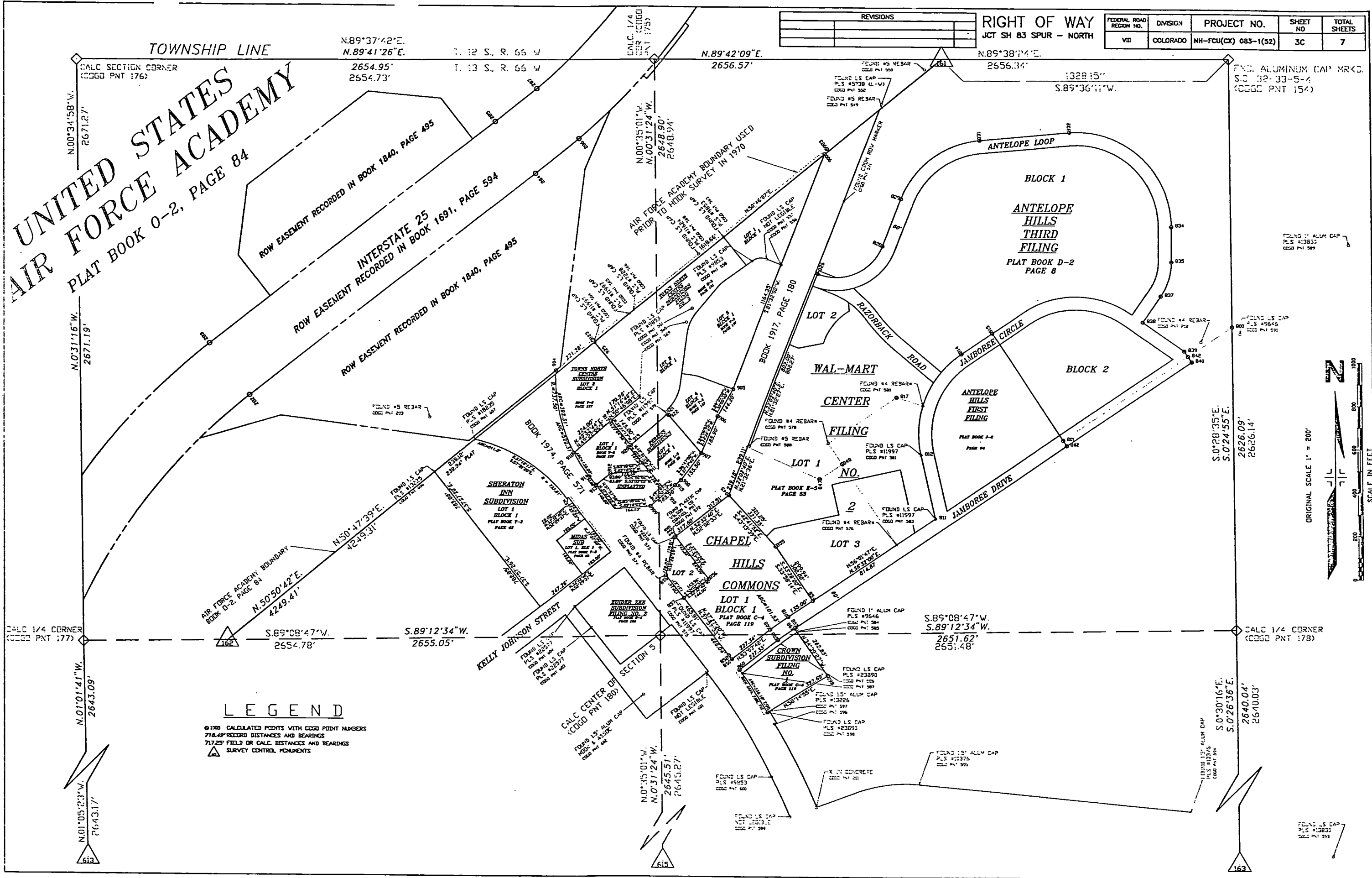
County Line	-----
Township or Range Line	-----
Land Lines	Section Line 1/4 Section Line 1/16 Section Line
Property or Tract Line	-----
City Limits	=====
Railroad	+++++
Existing Road	=====
New Road	=====
Control of Access	-----
Access denied by Deed	-----
Right of Way Line	-----
Protected by Freeway(Virgin 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	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 Hdr. 1 Hdr. 2 Hdr. End Section
Bridges	Proposed Existing (to be dashed)

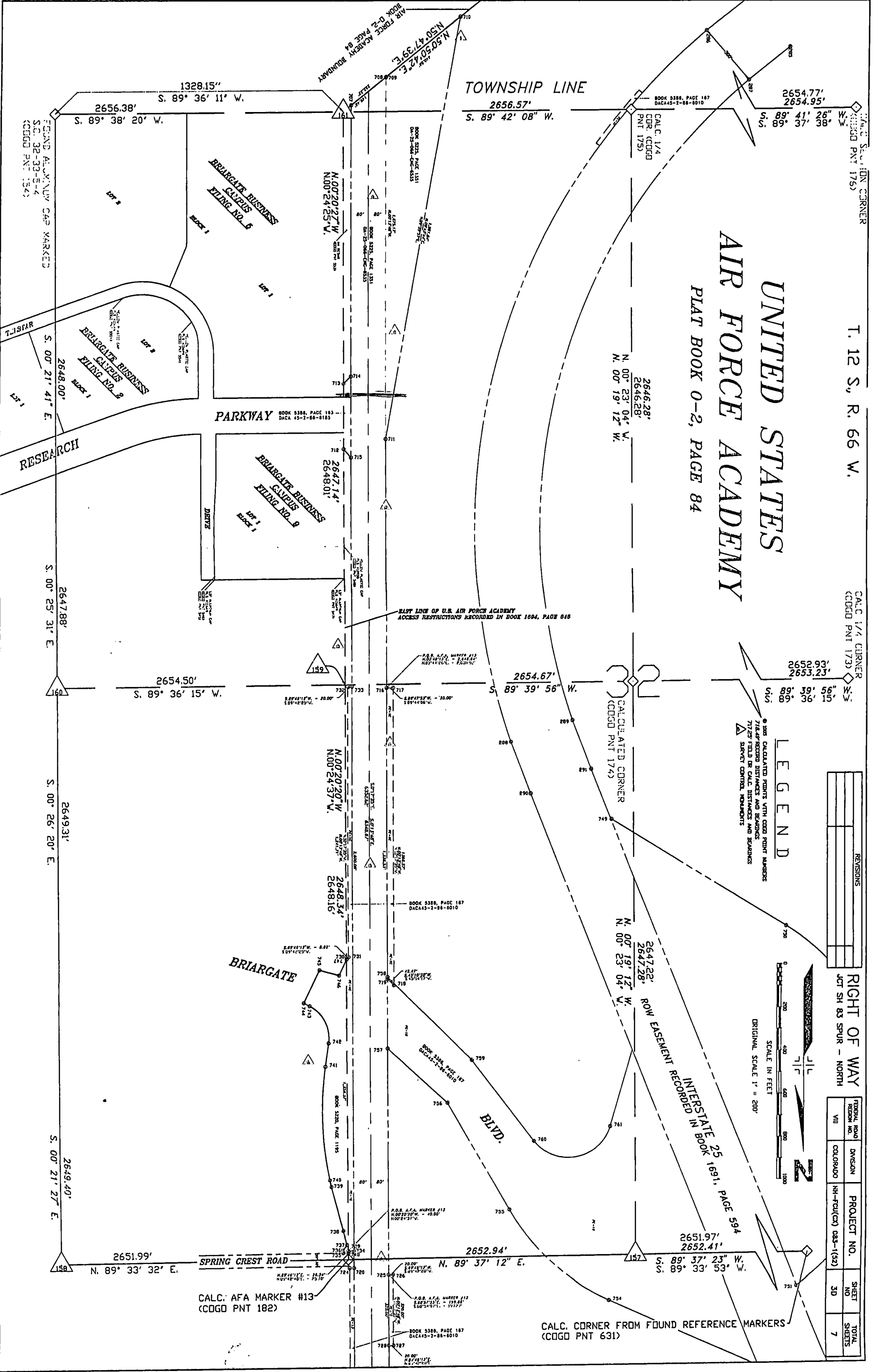
BASIS OF BEARINGS

ALL BEARINGS USED ARE RELATIVE TO
A LINE BETWEEN FIELD MONUMENTS OF PINE
VALLEY AND YUCCA BEING FOUND BRASS CAPS
ASSUMED TO BE N. 02° 12' 58" E.



DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
AUTHORIZED	DATE
DIVISION ADMINISTRATOR	





T. 12 S., R. 66 W.

CALC. 1/4 CORNER
(COGO PNT 173)

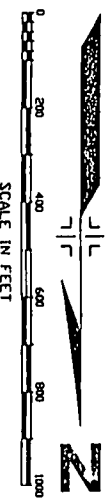
RIGHT OF WAY
JCT SH 83 SPUR - NORTH

REVISIONS	

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NH-F01(CX) 033-1(52)	3D	7

LEGEND

• 100' CALCULATED POINTS WITH COGO POINT NUMBERS
• 772' FIELD OR CALC. DISTANCES AND BEARINGS
• 772' FIELD OR CALC. DISTANCES AND BEARINGS
• 772' FIELD OR CALC. DISTANCES AND BEARINGS



SCALE IN FEET
ORIGINAL SCALE 1" = 200'

CALC. CORNER FROM FOUND REFERENCE MARKERS
(COGO PNT 631)

SE 1/4, SEC. 32
T. 12 S., R. 66 W.

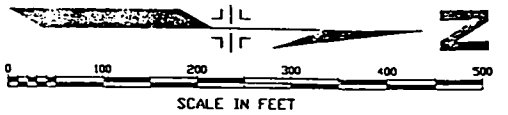
REVISIONS	

RIGHT OF WAY

JCT. SH 83 SPUR - NORTH

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NH-FCU(CX) 083-1(52)	4	7

NE 1/4, SEC. 32



INTERSTATE 25
ROW EASEMENT RECORDED IN BOOK 1691, PAGE 594

$\Delta = 22'12''14''$ LT
 $D_c = 1'01''19''$
 $T_c = 1100.30'$
 $L_c = 2172.99'$
 $R_c = 5607.26'$

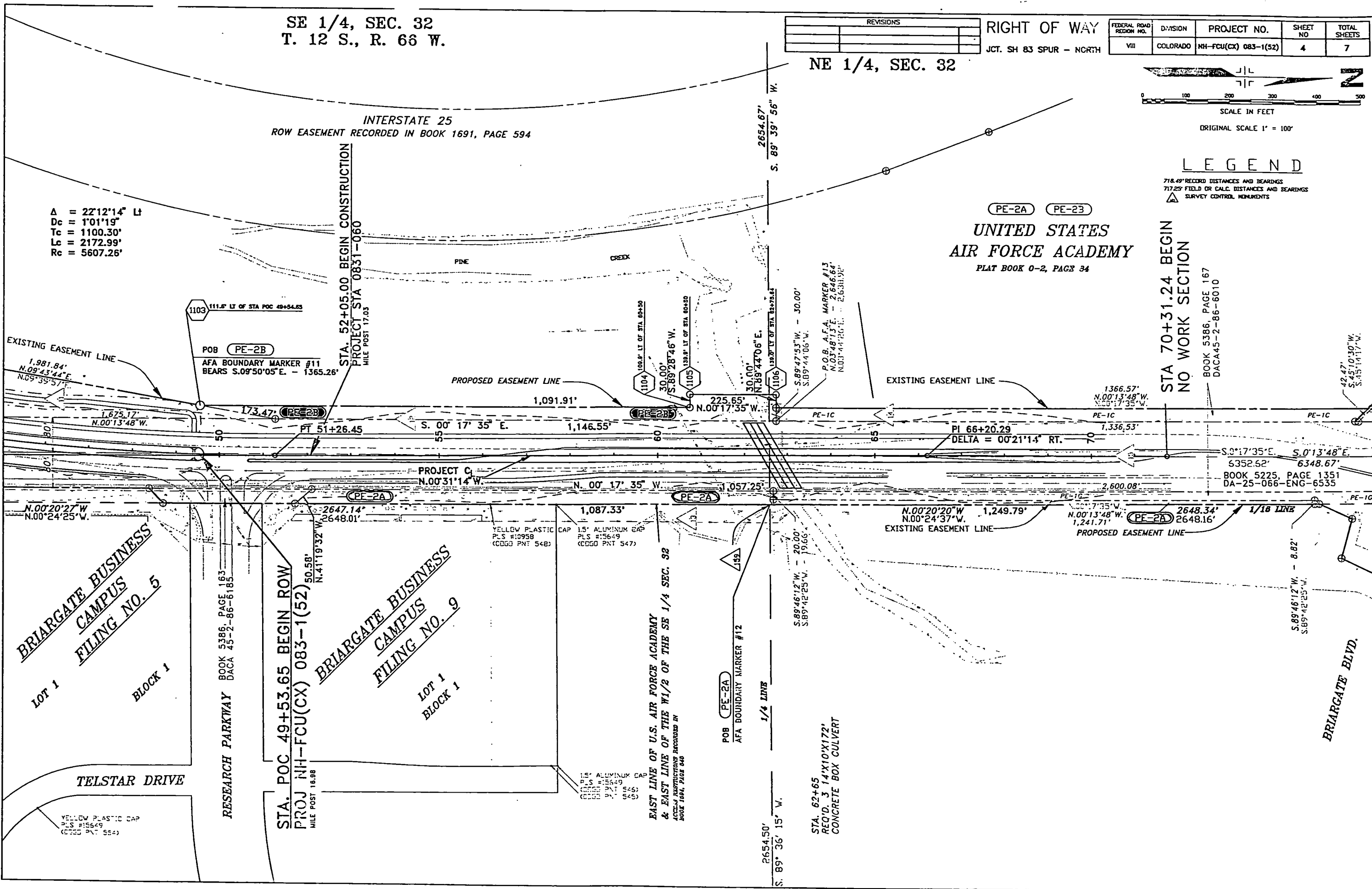
LEGEND

718.49' RECORD DISTANCES AND BEARINGS
717.29' FIELD OR CALC. DISTANCES AND BEARINGS
SURVEY CONTROL MONUMENTS

PE-2A PE-23
UNITED STATES
AIR FORCE ACADEMY
PLAT BOOK 0-2, PAGE 34

STA 70+31.24 BEGIN
NO WORK SECTION

BOOK 5386, PAGE 167
DACA45-2-86-6010



FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH-F-CD-083-1(S2)	3E	7

SE 1/4, SEC. 29
T. 12 S., R. 66 W.

REVISIONS

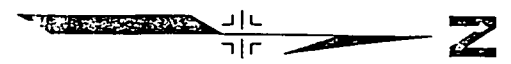
RIGHT OF WAY

JCT. SH 83 SPUR - NORTH

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	NH-FCU(CX) 083-1(52)	6	7

LEGEND

718.49' RECORD DISTANCES AND BEARINGS
717.25' FIELD OR CALC. DISTANCES AND BEARINGS
SURVEY CONTROL MONUMENTS



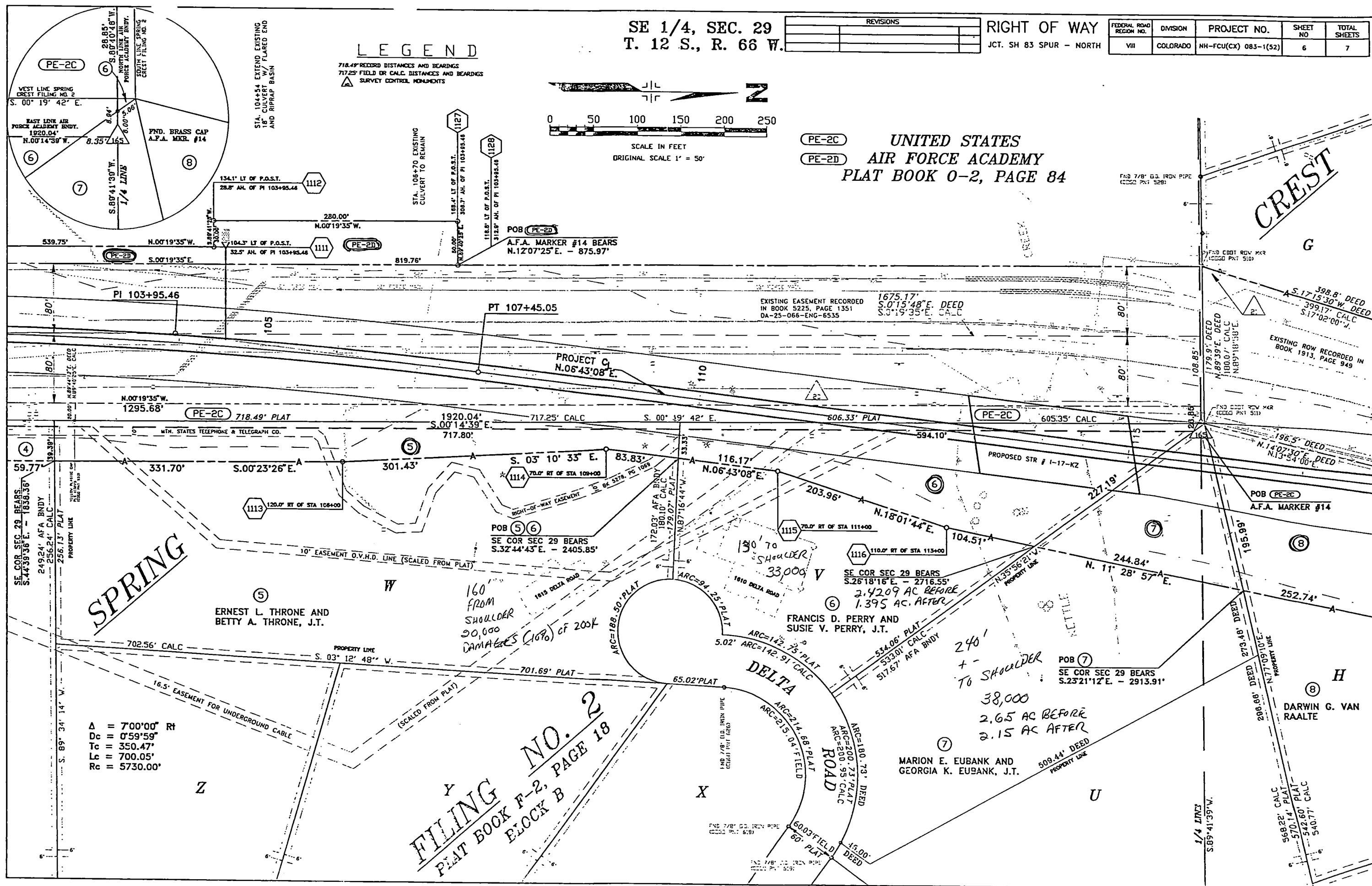
0 50 100 150 200 250

SCALE IN FEET
ORIGINAL SCALE 1" = 50'

PE-2C

PE-2D

UNITED STATES
AIR FORCE ACADEMY
PLAT BOOK 0-2, PAGE 84

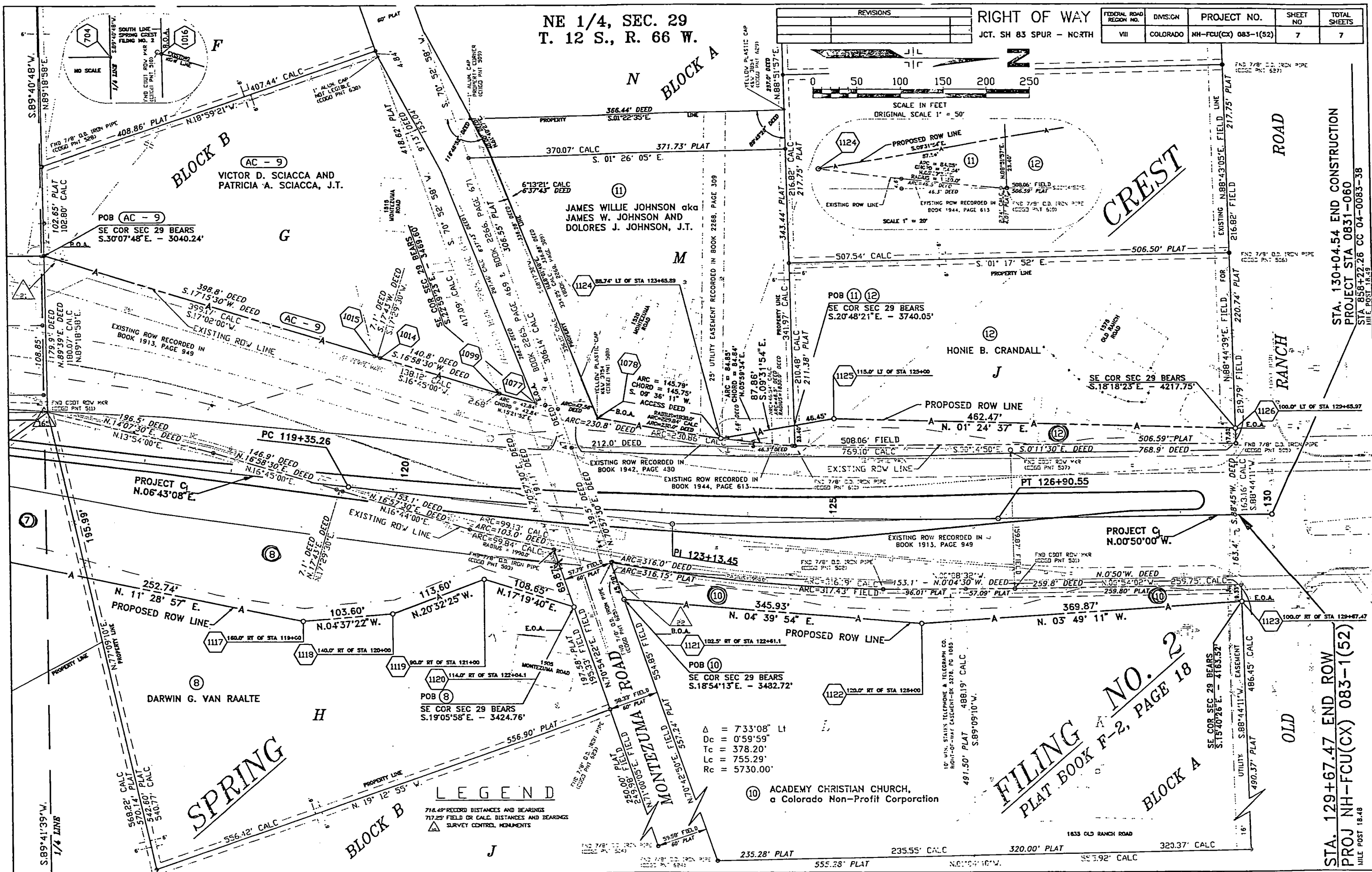


NE 1/4, SEC. 29
T. 12 S., R. 66 W.

REVISIONS		

RIGHT OF WAY
JCT. SH 83 SPUR - NORTH

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	NH-FCU(CX) 083-1(52)	7	7



STA. 129+67.47 END ROW
PROJ NH-FCU(CX) 083-1(52)
MILE POST 18.48

CONTROL AND MONUMENTATION SHEET

REVISIONS		

REGION NO.	COUNTY	PROJECT NUMBER	NUMBER
VIII	COLORADO	NH-FCU(CX) 083-1(52)	3

RIGHT OF WAY
LOCATION: STATE HIGHWAY NO. 83
EL PASO COUNTY

TABULATION OF R.O.W. MARKERS SET

SURVEY CONTROL POINT TABULATION

NO.	NORTH(Y)	EAST(X)	ELEV.	
CP-1	407089.603	198555.363	6426.628	CONTROL MONUMENT SET AT MILE POST 16.3
CP-2	408135.255	197967.417	6466.520	CONTROL MONUMENT SET AT MILE POST 16.3
CP-3	407919.584	198356.878	6449.216	CONTROL MONUMENT SET AT MILE POST 16.3
CP-4	406917.183	199070.716	6424.974	CONTROL MONUMENT SET AT MILE POST 16.2
CP-5	406699.609	199403.105	6422.238	CONTROL MONUMENT SET AT MILE POST 16.1
CP-6	407274.291	199036.354	6431.260	CONTROL MONUMENT SET AT MILE POST 16.3
CP-7	408007.020	199332.146	6459.505	CONTROL MONUMENT SET AT MILE POST 16.4
CP-8	408567.117	199743.029	6495.657	CONTROL MONUMENT SET AT MILE POST 16.6
CP-9	409199.309	199774.947	6515.260	CONTROL MONUMENT SET AT MILE POST 16.7
CP-10	409935.928	200174.713	6551.441	CONTROL MONUMENT SET AT MILE POST 16.8
CP-11	410561.062	200070.213	6545.591	CONTROL MONUMENT SET AT MILE POST 16.9
CP-12	411363.475	200106.866	6574.866	CONTROL MONUMENT SET AT MILE POST 17.1
CP-13	412006.663	200328.586	6553.521	CONTROL MONUMENT SET AT MILE POST 17.2
CP-14	412460.166	200087.104	6553.905	CONTROL MONUMENT SET AT MILE POST 17.3
CP-15	413015.641	200176.838	6565.020	CONTROL MONUMENT SET AT MILE POST 17.4
CP-16	413919.020	200460.863	6595.007	CONTROL MONUMENT SET AT MILE POST 17.5
CP-17	414832.579	200124.410	6606.487	CONTROL MONUMENT SET AT MILE POST 17.7
CP-18	415447.868	200270.174	6625.939	CONTROL MONUMENT SET AT MILE POST 17.8
CP-19	416058.589	200085.807	6624.167	CONTROL MONUMENT SET AT MILE POST 17.9
CP-20	417034.768	200224.463	6603.288	CONTROL MONUMENT SET AT MILE POST 18.1
CP-21	417492.344	200084.066	6602.461	CONTROL MONUMENT SET AT MILE POST 18.2
CP-22	418140.548	200452.754	6656.375	CONTROL MONUMENT SET AT MILE POST 18.3
CP-23	419081.791	200473.332	6686.169	CONTROL MONUMENT SET AT MILE POST 18.5
CP-24	418916.077	199693.579	6656.394	CONTROL MONUMENT SET AT MILE POST 18.5
CP-25	404242.043	196510.154	6354.492	
CP-50	414944.246	196173.110	6556.766	PINE VALLEY
CP-51	407708.712	195893.128	6435.647	YUCCA
CP-52	418954.014	201741.168	6695.713	
CP-54	419773.810	196254.871	6595.329	NOAA B.M. L395
CP-153	418464.139	197607.323	6614.341	A.F.A. MARKER NO. 23
CP-155	420109.956	198926.749	6671.421	N 1/4 COR. SEC. 29
CP-156	420119.916	201580.507	6712.648	NE COR. SEC. 29
CP-157	414830.538	198949.945		N 1/4 COR. SEC. 32
CP-158	414850.955	201601.852		NE COR. SEC. 32 3 1/4" BLM BRASS CAP
CP-159	412192.656	200294.860	6538.472	A.F.A. MARKER NO. 12
CP-160	412201.722	201622.139	6615.683	E 1/4 COR. SEC. 32
CP-161	409544.708	200313.669	6531.293	A.F.A. MARKER NO. 11
CP-162	406858.695	197020.960	6404.814	A.F.A. MARKER NO. 10
CP-163	404287.877	201686.875	6463.147	SE COR. SEC. 5
CP-164	417471.095	198938.223	6621.615	CENTER SEC. 29
CP-165	417478.505	200264.663	6598.127	A.F.A. MARKER NO.14
CP-396	405772.215	196000.391	6376.539	NOAA B.M. L396

GENERAL NOTES

1. This Right of Way plan is not a complete boundary survey of all adjoining owners and is prepared for Highway Department purposes only.
2. Survey Control Points set with a higher degree of accuracy than R.O.W. Markers.
3. NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.
4. All R.O.W. Markers set from survey control points.
5. All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field. All stationing is approximate.
6. All coordinates listed are assumed project coordinates only.
7. Field survey control precision computed to exceed 1/20,000.

QUANTITY OF MONUMENTS TO BE SET

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

SURVEYOR CERTIFICATE (FIELD)

I hereby state that this Control Survey Diagram was prepared under my supervision from a Field Survey performed under my supervision and checking for and on the behalf of the Department of Transportation, State of Colorado, and is not a Land Survey Plat or a Right of Way Plat and is to the best of my knowledge and belief this control survey, as shown, meets the minimum horizontal tolerances of a type "B" survey listed in the Colorado Department of Transportation Survey Manual, Chapter Three (revised 4/29/92).

DATE

SURVEYOR CERTIFICATE (OFFICE)

R.O.W. PLANS AND LEGAL DESCRIPTIONS WERE PREPARED UNDER MY SUPERVISION AND CHECKING.
NAME _____ P.L.S. NO. _____
DATE _____

MONUMENTATION SHEET

TABULATION OF FOUND SURVEY MARKERS

PNT	NORTHING	EASTING	DESCRIPTION
219	417156.317	198350.716	7/8" D.D. PIPE
220	417155.762	21565.825	3/8" SPIKE
201	406121.835	199725.541	X IN SIDEWALK
222	408253.221	201529.646	REBAR IN CURB
223	417089.351	197954.292	45 REBAR
205	414981.431	198539.314	3/8" SPIKE
204	405375.816	202556.409	3/8" SPIKE
225	418856.767	199516.833	L.S. CAP 13225
206	418850.814	203074.844	7/8" D.D. PIPE
205	418835.432	202994.582	7/8" D.D. PIPE
237	418555.737	203322.073	CONCH RGV CAP 78-42
208	418117.389	202254.540	L.S. CAP 3154
202	418446.413	202452.165	7/8" D.D. PIPE
224	418264.301	202415.217	7/8" D.D. PIPE
204	418226.257	202372.728	7/8" D.D. PIPE
213	417483.182	202275.548	CONCH RGV CAP 89-95
228	417479.152	199972.567	7/8" D.D. PIPE
233	416181.698	202263.248	L.S. CAP 13225
235	416181.549	202343.252	L.S. CAP 13225
248	411549.832	200299.439	L.S. CAP 15958
245	411689.317	202896.036	L.S. CAP 15649
246	411703.771	202896.149	L.S. CAP 15649
253	410298.134	202294.041	44 REBAR
255	412427.686	201325.259	L.S. CAP 15649
252	409497.533	202235.357	45 REBAR
252	409336.581	202328.654	L.S. CAP 5138
271	408891.258	199863.223	CONCH RGV CAP 97-176-22
249	409326.132	202338.577	45 REBAR
247	411699.715	202298.288	L.S. CAP 15649
236	408597.192	199574.753	L.S. CAP
263	408723.182	199325.629	L.S. CAP 9853
257	408623.541	199528.035	L.S. CAP
258	408513.895	199437.759	L.S. CAP 9853
268	408544.837	199192.622	L.S. CAP 1624
260	408333.154	199134.418	L.S. CAP 9853
266	408384.499	198890.388	L.S. CAP 7258
261	408394.175	199161.380	L.S. CAP 9853
265	408368.223	198859.913	L.S. CAP 1657
264	408237.865	198713.293	L.S. CAP 1657
269	407582.559	198918.654	L.S. CAP 9633
272	407516.961	199335.558	L.S. CAP 1657
288	407758.325	199415.657	45 REBAR
295	405909.262	199544.829	L.S. CAP 9646
276	407313.282	202121.387	44 REBAR
281	407225.171	202214.714	L.S. CAP 1657
284	406912.160	199549.453	L.S. CAP 9646
282	407552.479	202324.221	44 REBAR
278	407777.347	199788.358	44 REBAR
283	407433.253	202279.371	L.S. CAP 1657
272	407344.512	199382.725	PLASTIC CAP
273	407340.252	199377.292	L.S. CAP 22101
274	407166.625	199038.818	44 REBAR
232	406618.228	198923.033	L.S. ALLUM. CAP
275	407062.475	199120.253	L.S. CAP 1657
281	406720.522	199224.586	L.S. CAP
287	406717.899	199387.553	L.S. CAP 23893
298	406539.357	199508.657	L.S. CAP 23893
297	406544.709	199517.277	L.S. ALLUM. CAP 13225
296	406485.140	199541.565	L.S. ALLUM. CAP 13225
260	406240.326	199526.691	L.S. CAP 9853
286	406854.631	199369.133	L.S. CAP 23893
299	406058.529	199605.199	L.S. CAP
286	405958.202	202265.828	L.S. CAP 13225
287	405114.976	202277.557	L.S. CAP 13225
211	417482.568	202255.699	CONCH RGV CAP 89-95
201	418599.284	202461.925	CONCH RGV CAP 78-42
218	417156.874	198219.627	USAF BRASS CAP 32" 16
217	417625.634	198222.745	7/8" D.D. PIPE
212	417909.658	197909.218	7/8" D.D. PIPE
220	417158.291	198580.568	7/8" D.D. PIPE
221	417163.400	198519.581	USAF BRASS CAP 32" 17
230	417309.576	199196.697	7/8" D.D. PIPE
238	416912.527	201274.216	7/8" D.D. PIPE
239	417168.925	201417.881	L.S. ALLUM. CAP 19620
240	417507.230	201665.041	L.S. CAP 15653
241	417722.923	201822.925	7/8" D.D. PIPE
244	415355.257	201252.263	7/8" D.D. PIPE
236	415357.719	201533.952	44 REBAR
224	418822.689	198801.112	7/8" D.D. PIPE
254	415518.385	201226.453	L.S. CAP 15649
264	407021.501	198518.525	L.S. CAP 22577
263	406923.842	198595.295	L.S. CAP 22577
295	406228.438	202199.438	L.S. ALLUM. CAP 10376
294	406090.642	201451.744	L.S. ALLUM. CAP 10376
290	406291.239	201588.383	L.S. CAP 9646
289	408702.252	202185.307	L.S. ALLUM. CAP 3832
293	405884.910	202294.559	L.S. CAP 13831
265	407637.995	197975.593	L.S. CAP 13225
287	407788.432	198160.273	L.S. CAP 18235
213	404225.267	198408.181	S 71352550 6-5-7-9
214	406858.992	197323.942	USAF BRASS CAP 32" 9
215	404243.178	199239.347	7/8" D.D. PIPE
212	414848.599	198270.773	USAF BRASS CAP 32" 10
211	417778.525	198272.685	USAF BRASS CAP 32" 11
206	417156.219	202345.393	3/8" SPIKE
225	418130.875	202430.722	7/8" D.D. PIPE
223	418128.227	202399.859	7/8" D.D. PIPE
224	418314.134	202954.493	7/8" D.D. PIPE
233	417657.448	199846.819	L.S. ALLUM. CAP
229	418340.284	199925.255	L.S. CAP 3894
213	418347.573	202395.774	7/8" D.D. PIPE - PNT 666 IN FIELD 92045
205	417912.425	199918.739	L.S. ALLUM. CAP
227	418945.953	199558.275	7/8" D.D. PIPE
228	418841.274	199541.249	7/8" D.D. PIPE
217	416776.456	201331.051	7/8" D.D. PIPE
216	416788.291	201395.581	7/8" D.D. PIPE
218	417021.938	202272.271	7/8" D.D. PIPE
219	417020.515	202274.532	7/8" D.D. PIPE
225	416926.516	202262.317	7/8" D.D. PIPE
222	417611.171	202276.291	7/8" D.D. PIPE
220	417246.275	202275.332	7/8" D.D. PIPE
243	416559.354	202972.269	7/8" D.D. PIPE
221	417442.752	201543.554	7/8" D.D. PIPE

TABULATION OF RIGHT-OF-WAY MARKERS TO BE SET

PNT	NORTHING	EASTING
1014	417868.849	200194.822
1015	417862.077	200192.688
1016	417480.420	200075.761
1059	415558.482	200272.841
1077	418044.979	200246.750
1078	418116.754	200263.614
1095	418003.675	200235.400
1103	418859.906	200080.477
1104	411981.834	200074.894
1105	411981.532	200044.895
1106	412207.175	200043.741
1107	415452.517	200267.150
1108	415802.214	200065.360
1109	415922.851	200333.999
1110	416098.795	200310.080
1111	416341.953	200362.285
1112	416341.791	200332.285
1113	416490.255	200337.411
1114	416791.223	200298.712
1115	416989.849	200314.112
1116	417183.796	200377.237
1117	417773.825	200497.092
1118	417877.092	200488.742
1119	417983.479	200448.884
1120	418097.186	200481.243
1121	418145.834	200473.531
1122	418493.613	200501.665
1123	418859.656	200477.025
1124	418260.460	200287.928
1125	418392.921	200265.687
1126	418855.248	200277.068
1127	416621.786	200303.690
1128	416622.071	200303.689

RIGHT OF WAY
JCT. SH 83 - NORTH

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	NH-FCU(CX) 083-1(52)	3A	7

LOCATION: STATE HIGHWAY NO. 83
EL PASO COUNTY

GENERAL NOTES

- This Right of Way plan is not a complete boundary survey of all adjoining owners and is prepared for Highway Department purposes only.
- Survey Control Points set with a higher degree of accuracy than R.O.W. Markers.
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- All R.O.W. Markers set from survey control points.
- All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field. All stationing is approximate.
- All coordinates listed are assumed project coordinates only.
- Field survey control precision computed to exceed 1/20,000.
- This Right-of-Way Plan document is based on the sufficiency and accuracy of the boundary evidence supplied by others.
- Commitment for Title Insurance and recorded easements issued by Security Title Guaranty Company.
- The ROW Plan shows only highway easements on Air Force property. Easements for other purposes are shown on the U.S.A.F.A. official record.

QUANTITY OF MONUMENTS TO BE SET

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

SURVEYOR CERTIFICATE (FIELD)

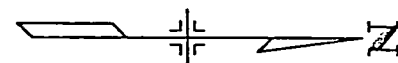
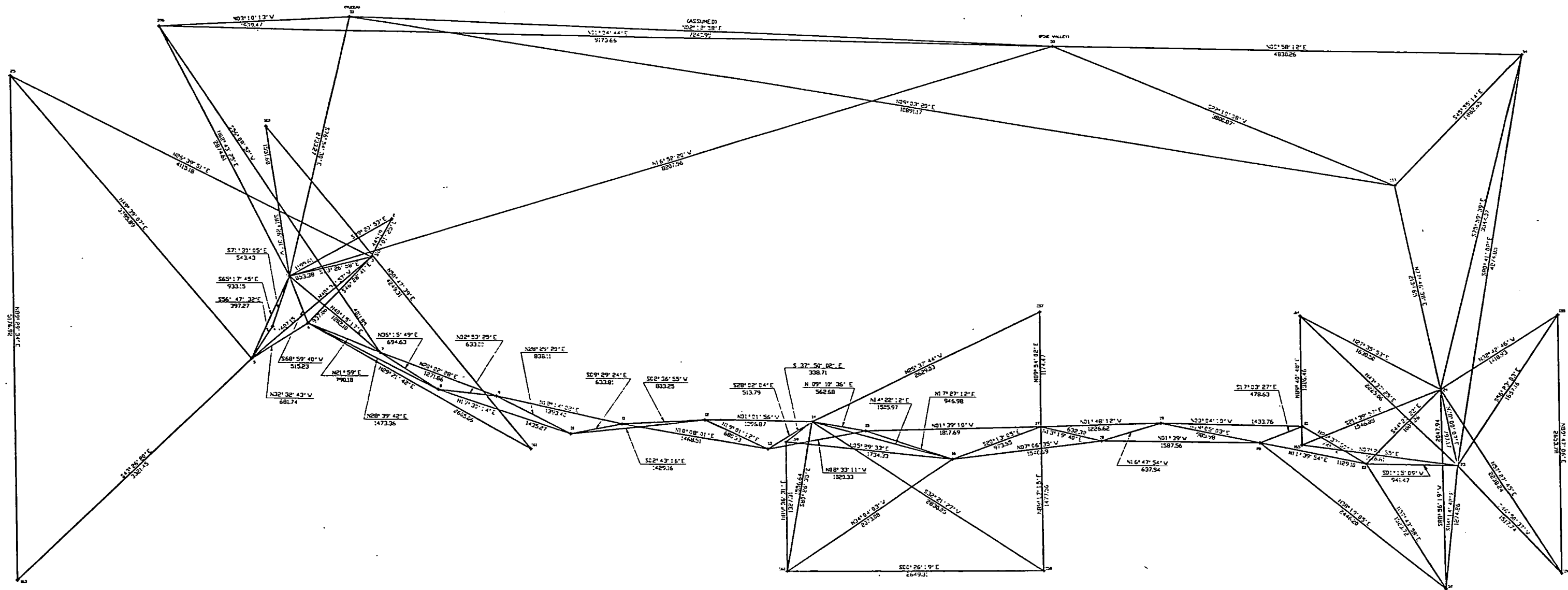
MONUMENTATION WAS DONE UNDER MY SUPERVISION AND CHECKING.

NAME _____ P.L.S. NO. _____
DATE _____
NAME _____ P.L.S. NO. _____
DATE _____

SURVEYOR CERTIFICATE (OFFICE)

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

NAME _____ P.L.S. NO. _____
DATE _____



500 250 0 500 1000
ORIGINAL SCALE: 1"=500'

NOTE: ALL BEARINGS USED ARE RELATIVE TO
TO A LINE BETWEEN FIELD MONUMENTS OF PINE
VALLEY AND YUCCA BEING FOUND EXACTLY
ASSUMED TO BE N 2° 12' 58" E

CONTROL SURVEY

STATE HIGHWAY 83 FCU(CX) 083-1(52)
EL PASO COUNTY
TOWNSHIP 12 & 13 SOUTH, RANGE 66 WEST OF THE 6TH P.M.