

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS—STATE OF COLORADO

PE, R.O.W. & UTILITIES
UNDER PROJECT
CC 04 - 0025-19

FEDERAL AID REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLORADO	CC 04-0025-19	1

RIGHT OF WAY BRIARGATE INTERCHANGE		REVISIONS
6-29-87	ADD SHEET 5	MG

RIGHT OF WAY PLAN OF PROPOSED
PROJECT NO. CC 04-0025-19
STATE HIGHWAY NO. 25

EL PASO COUNTY
RIGHT OF WAY

SCALES OF ORIGINAL DRAWINGS

PLAN SHEETS 1" = 50' &
1" = 100'

OWNERSHIP MAPS 1" = 400'

ROW LENGTH OF PROJECT = 1.174 MILES

*TABULATION OF LENGTH

DESCRIPTION	FEET	MILES
1322+21 BEGIN CC 04-0025-19 = 322+21 ON I-25-2(48)150 MP 150.5	3566.70	.676
1357+87.70 BK. = EQUATION 1357+88.90 AH.	4191.05	.794
1399+79.95 END CC 04-0025-19 = 399+79.95 ON I-25-2(48)150 MP 152.0		
TOTAL NET AND GROSS LENGTH	7757.75	1.470

*DESIGN DATA

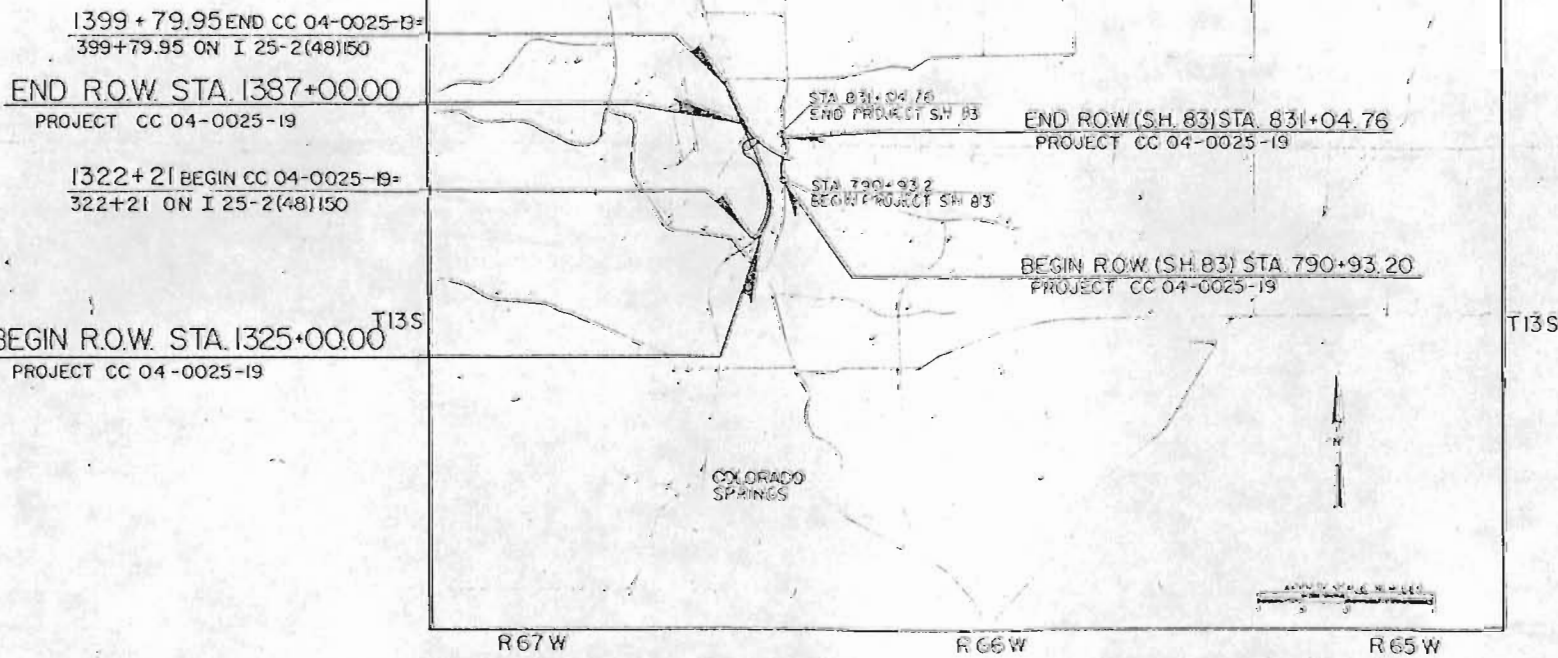
MAXIMUM DEGREE OF CURVE	19°
MAXIMUM GRADE	6%
MINIMUM SSD (VERTICAL)	311'
MINIMUM SSD (HORIZONTAL)	351'
MAXIMUM DESIGN SPEED	BRIARGATE PRKWY 40 MPH RAMPS 30 MPH SH. 83 40 MPH
2004 DESIGN TRAFFIC VOLUME	ADT 15,300 4% TRUCKS 1,530

*ROADWAY AND/OR BRIDGE
BEING CONSTRUCTED THIS PROJECT

INDEX OF SHEETS

SHEET NO.	TITLE SHEET
2-3	PLAN SHEETS SHOWING R.O.W. REQUIRED
4	OWNERSHIP MAP
5	CERTIFICATIONS AND COORDINATES

FILE COPY
DO NOT REMOVE



UNITED STATES AIR FORCE ACADEMY

APPROVED:

BASE CIVIL ENGINEER U.S.A.F. DATE

URS ENGINEERING COMPANY

APPROVED:

VICE-PRESIDENT

DATE

DIVISION OF HIGHWAYS

APPROVED:

DISTRICT ENGINEER

11/30/77
DATE

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DATE

DIVISION ADMINISTRATOR

AS CONSTRUCTED INFORMATION

CONTRACTOR

ENGINEER

PROJECT STARTED

PROJECT COMPLETED

AS CONSTRUCTED PLANS APPROVED

TITLE

DATE

BASIS OF BEARING

ALL BEARINGS SHOWN HEREON ARE REFERENCED TO A LINE CONNECTING THE UNITED STATES AIR FORCE ACADEMY BOUNDARY MARKER NO. 11 (A brass cap at the NE cor. of the NW 1/4 of the NE 1/4 of Sec. 3, T. 13 S., R. 66 W. of the 6th P.M.) AND U.S.A.F.A. BOUNDARY MARKER NO. 14 (A brass cap at the NE cor. of the NW 1/4 of the SE 1/4 of Sec. 29, T. 12 S., R. 66 W. of the 6th P.M.); BEARING BEING NORTH 00 deg. 17 min. 27 sec. WEST, A DISTANCE OF 7,929.96 FEET.

Δ=12°19'05"
L=216.05'
R=1004.93'
T=108.44'
Dc=5°42'05"

Δ=23°43'04"
L=415.99'
R=1004.93'
T=211.02'
Dc=5°42'05"

CURVE NO.	Δ	Es	Gs	Ls	Lt	S1	Δc	Dc	Tc	Lc	Rc	e	MDS	Ts
210	4°02'16"	80.71'	6°00'00"	200.00'	173.41'	66.74'	33°02'16"	6"	221.20'	550.63'	954.93'	101	40	456.50'
220	53°12'52"	62.64'	15°00'00"	250.00'	167.27'	63.86'	23°12'52"	12"	98.07'	193.45'	477.45'	050	45	366.61'
110	169°02'18"	3547.55'	15°30'00"	200.00'	133.65'	67.13'	138°02'18"	15°30'	963.93'	830.57'	369.65'	074	30	3959.05'
500	—	—	8°04'19"	225.00'	150.15'	75.14'	150°18'45"	7°10'31"	3012.92'	2094.85'	796.51'	067	40	—
420	—	—	—	—	—	—	28°47'20"	13"	113.12'	221.45'	440.74'	068	30	—
410	—	—	21°22'30"	225.00'	151.11'	76.01'	141°44'15"	18"	869.31'	745.99'	301.56'	078	30	—
320	—	—	7°21'00"	210.00'	140.12'	70.11'	46°09'36"	7"	342.79'	254.43'	818.51'	067	40	—
310	40°27'46"	59.07'	9°48'00"	280.00'	186.95'	93.53'	20°51'46"	7"	150.69'	298.04'	818.51'	079	50	442.59'

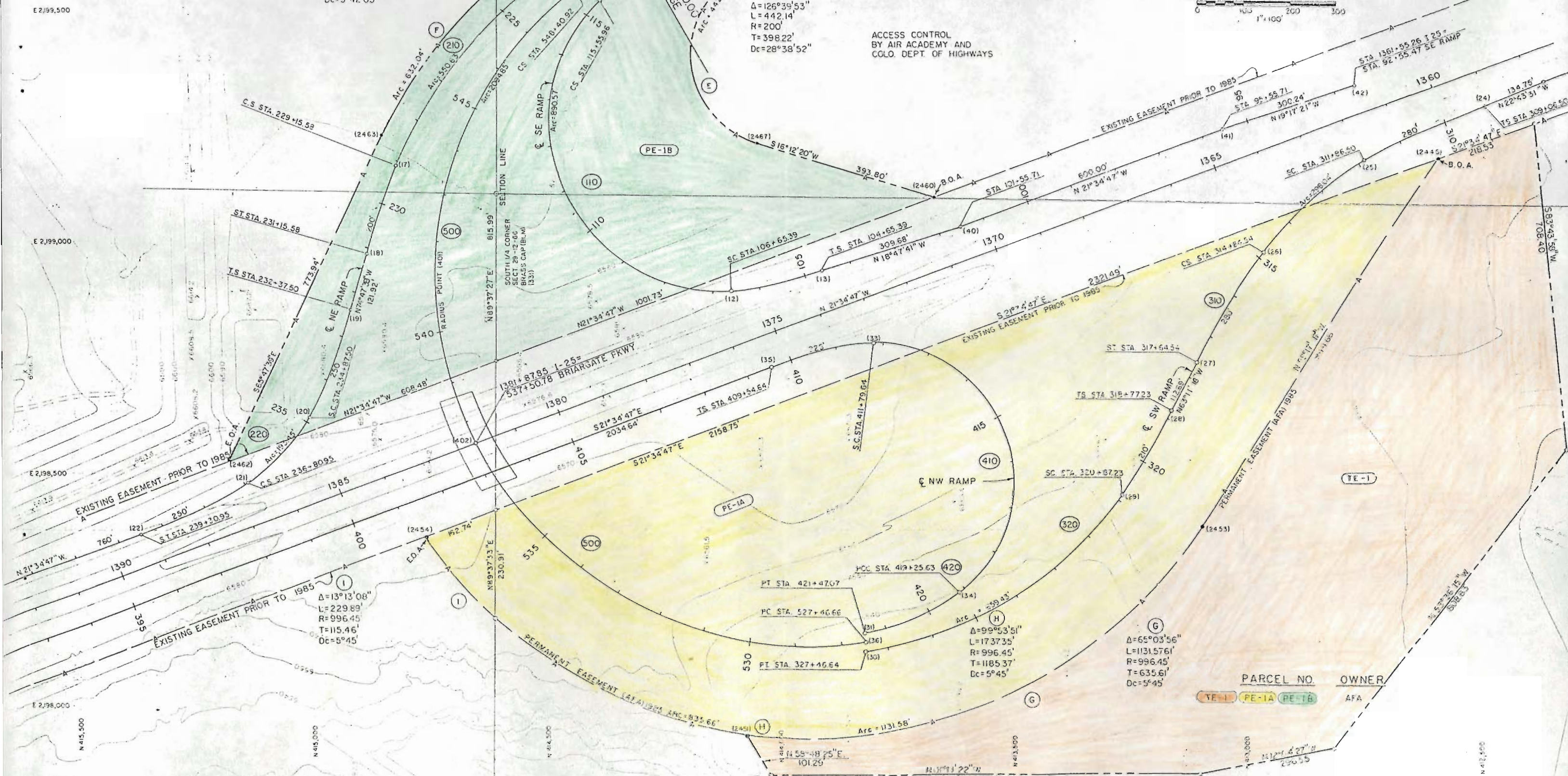
CURVE DATA

Δ=126°39'53"
L=442.14'
R=200'
T=398.22'
Dc=28°38'52"

ACCESS CONTROL
BY AIR ACADEMY AND
COLO. DEPT. OF HIGHWAYS

RIGHT OF WAY
BRIARGATE
INTERCHANGE

REVISIONS			
NO.	DATE	DESCRIPTION	BY
11-18-86		ADD ACCESS PE-1A, PE-1B	D.G.
6-29-87		AS CONSTRUCTED	M.G.



PARCEL NO. OWNER
TE-1 PE-1A PE-1B AFA

STATION	Δ	Es	θs	Ls	Lt	St	Δc	Dc	Tc	Lc	Rc	e	MDS	Ts
520	—	—	—	—	—	—	28°28'40"	3°23'25"	428.86'	839.99'	1690.00'	.038	40	—
510	—	—	4°15'00"	170.00'	113.37'	56.70'	27°52'46"	5°	284.43'	557.59'	1145.92'	.046	40	—
800	—	—	2°36'00"	130.00'	86.68'	43.34'	10°42'56"	4°	134.34'	267.89'	1432.39'	.041	40	—
310	—	—	2°36'00"	130.00'	86.68'	43.34'	25°24'58"	4°	323.01'	635.40'	1432.39'	.041	40	—
320	14°42'04"	12.36'	2°36'00"	130.00'	86.68'	43.34'	9°30'04"	4°	119.04'	237.53'	1432.39'	.041	40	249.84

CURVE DATA

E 2,201,000

SE 1/4 SEC 29 T.12S, R.66W, 6TH PM.

SCHOOL DISTRICT NO. 20
EL PASO COUNTY
BK. 2058 PG. 431

SPRINGCREST FILING 2
TRACT 1

VACANT

SPRINGCREST EASEMENT
DA-25-066-ENG-10465

PERMANENT
EASEMENT

POB PE-ID

POB PE-IE

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

POB PE-ID

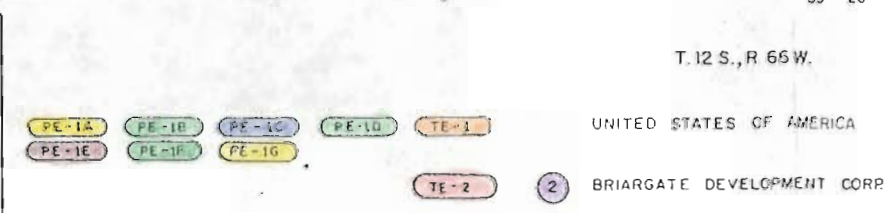
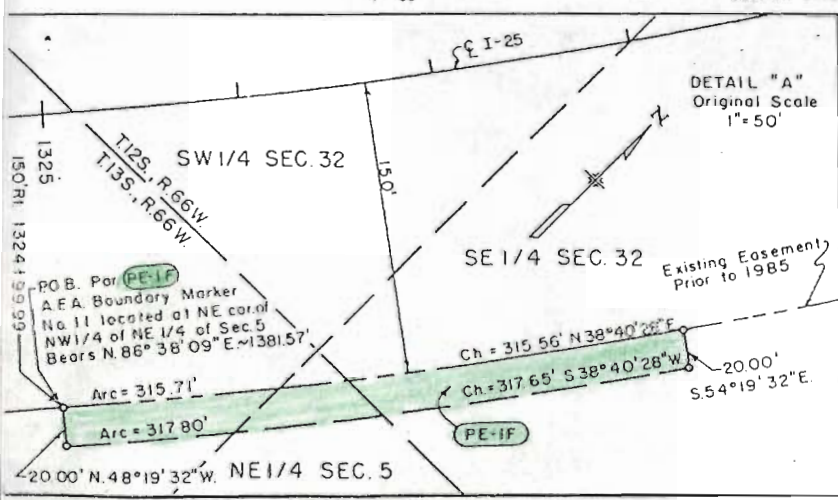
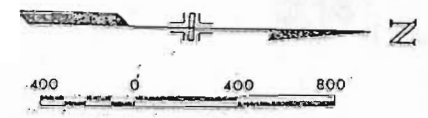
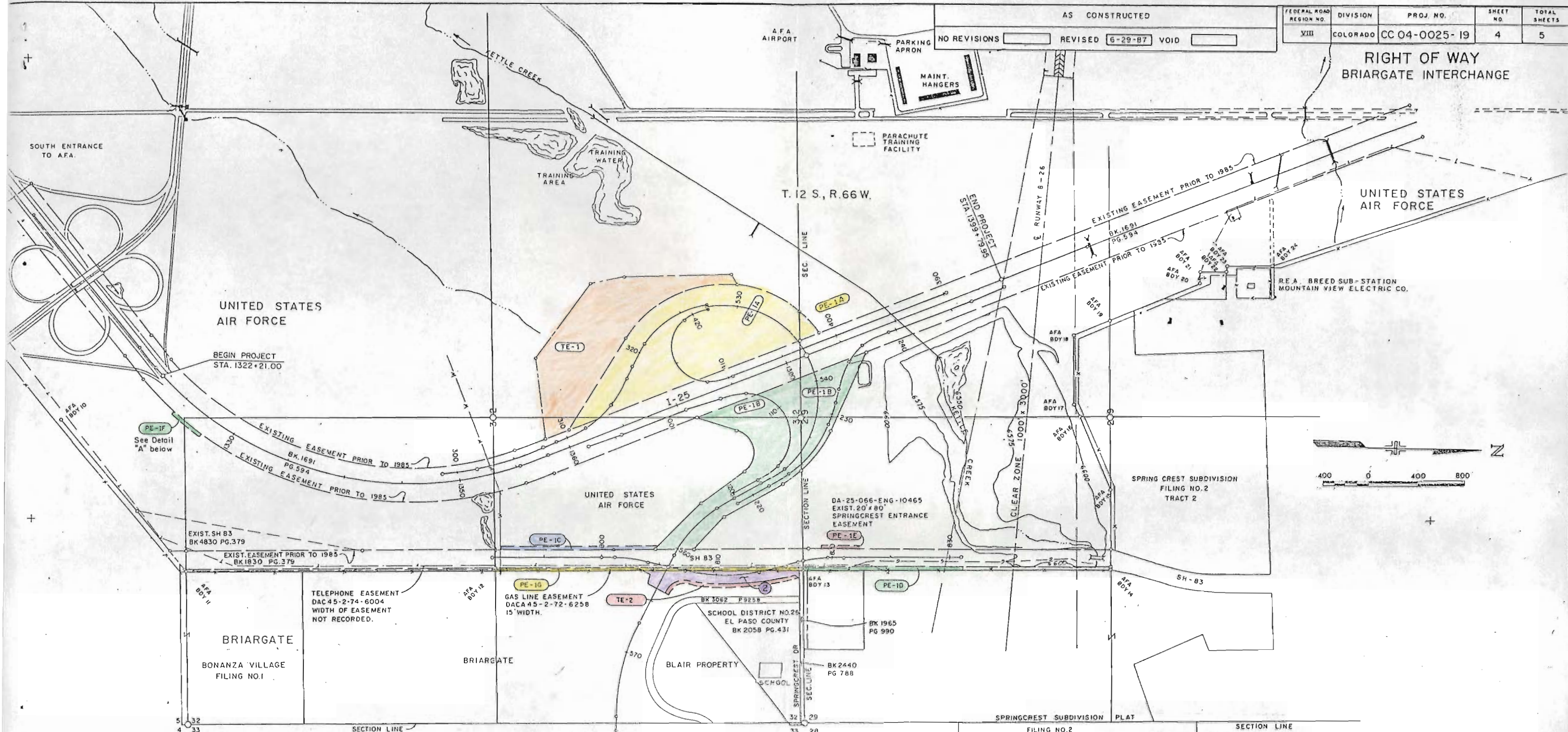
POB PE-ID

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	CC 04-0025-19	4	5

AS CONSTRUCTED

NO REVISIONS ☐ REVISED 6-29-87 VOID ☐

RIGHT OF WAY
BRIARGATE INTERCHANGE



I 25 / BRIARGATE PARKWAY INTERCHANGE				
OWNERSHIP MAP				
DATE	PROJECT NO.	DESIGNED BY	SHEET NO.	DRAWING NO.
2-20-86	URS	CHECKED BY	OF SHEETS	

PREPARED BY - URS COMPANY - DENVER

RIGHT OF WAY
BRIARGATE INTERCHANGE

LEGEND

- GOVERNMENT CORNER
- CORNER SET NO. 4 REBAR W/CAP LS NO. 13225
- CONSTRUCTION CONTROL POINT, COORDINATE ONLY, NO MONUMENT SET
- (000) COORDINATE POINT NO.

COORDINATES

POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING
6	413893.4935	2199903.9900	54	414477.8687	2200396.8828
7	414038.9208	2199816.0311	55	414603.9794	2200365.3708
9	414019.3202	2199781.7373	56	414839.1820	2200334.2153
10	414239.2564	2199656.0334	59	413210.5869	2200899.6791
11	414402.7270	2199541.9375	60	413523.6341	2200313.8958
12	414199.0042	2198912.6268	253	414668.0067	2200440.3116
13	413925.2639	2198959.6161	331	414620.0513	2199114.0230
14	414064.4759	2199860.7434	401	413951.7538	2198947.1281
15	414336.9203	2199705.0286	402	414659.2365	2198576.8834
16	414506.9082	2199599.8376	800	414598.8713	2200464.2697
17	414839.2206	2199170.3578	813	414598.7255	2200440.6146
18	414898.3736	2198979.4077	859	413439.9686	2200644.9795
19	414930.3640	2198861.7626	860	413454.1083	2200618.5207
20	415016.4640	2198627.8673	861	413627.3463	2200530.2505
21	415144.5761	2198484.6798	862	413734.9110	2200545.1370
22	415367.4923	2198373.1960	863	414260.6503	2200524.8636
24	412512.6016	2199337.4968	864	414293.1883	2200518.3172
25	412763.9692	2199214.9788	865	414496.4982	2200464.2354
26	412980.9146	2199013.0248	866	414561.8837	2200447.1536
27	413121.0878	2198771.0582	867	414586.6989	2200464.3479
28	413171.9272	2198670.4925	2413	414588.7146	2200440.6714
29	413274.5197	2198487.4343	2416	411988.6301	2200444.5831
30	413814.2175	2198140.2561	2417	411988.5520	2200424.5832
31	413820.9386	2198179.6874	2418	414569.6122	2200414.4316
33	413809.4779	2198806.7294	2420	414700.6771	2200253.9846
34	413620.8726	2198269.0480	2421	414700.5990	2200233.9848
35	414026.0090	2198750.9054	2422	415020.5965	2200232.7354
36	413817.5781	2198159.9718	2423	415020.6746	2200252.7352
37	414458.1521	2199564.5251	2424	411987.9230	2200264.5794
38	414268.3032	2199684.9282	2425	411987.8206	2200234.5796
40	413632.0843	2199059.3552	2445	412608.2325	2199227.0157
41	413074.1153	2199279.9694	2451	414070.1960	2197957.8404
42	412790.7186	2199379.1171	2453	413104.8804	2198423.4466
47	413468.0000	2200418.0000	2454	414767.0950	2198373.4160
48	412895.0183	2200338.8665	2460	413685.9856	2199123.5707
49	413024.9974	2200340.3902	2462	415183.3977	2198531.5098
50	413290.0413	2200376.5209	2463	414865.9925	2199237.3688
51	413614.8927	2200452.2382	2465	414448.1567	2199697.6921
52	414245.0833	2200456.7707	2466	413948.1263	2199983.5034
53	414371.1941	2200425.2591	2467	414064.1275	2199233.5157
282	409332.4987	2200471.2566	2469	414128.9981	2199585.0300
300	417266.2827	2200431.8734	2470	413751.8590	2199870.5034
			2471	413365.4416	2200259.7031
			2472	413695.6879	2200257.9142
			2473	413395.3839	2200229.0839
			2474	413289.2504	2200564.4350
			2475	413314.8839	2200482.6898
			2476	413240.3753	2200448.4245
			2477	413240.3323	2200439.8570

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.
- Field survey control precision computed to exceed 1 : 20,000.
- All coordinates are based on approved construction drawings.
- Monumentation set by URS Corporation are # 4 rebar with plastic caps, L.S. No. 13225.
- Rotate coordinate bearings 23' seconds counter clockwise to agree with Basis of Bearings and Plan Bearings.

NOTICE: ACCORDING TO COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF CERTIFICATION SHOWN HEREON.

SURVEYOR CERTIFICATE (FIELD - URS CORPORATION)

CONTROL SURVEY AND MONUMENTATION WAS DONE
UNDER MY SUPERVISION AND CHECKING

DATE October 27, 1997 NAME SAMUEL H. COREY

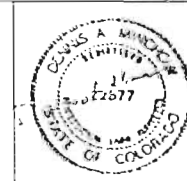
FILE NO. 22092

SURVEYOR CERTIFICATE (OFFICE - URS CORPORATION)

ROW PLANS AND LEGAL DESCRIPTIONS WERE
PREPARED UNDER MY SUPERVISION AND CHECKING

DATE October 27, 1997 NAME DEWITT A. MINCHOW

FILE NO. 22377



1-25/BRIARGATE PARKWAY INTERCHANGE

CERTIFICATIONS AND COORDINATES

DATE	PROJECT NO.	DESIGNED BY	SHEET NO.	DRAWING NO.
	URS	CHECKED BY	69	