

R.D.I. No. 40

NAME VALENCIA PARK

Class _____ Course _____ Party _____

295-A

1917

BOOK 1

FIELD NOTES

No. 403P

ESPECIALLY ADAPTED
TO THE USE OF
ENGINEERING STUDENTS

EUGENE DIETZGEN Co.

MANUFACTURERS

DRAWING MATERIALS

MATHEMATICAL AND SURVEYING INSTRUMENTS

MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

MICROFILMED

DEC 30 1964

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San Jacinto Drive

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Los ALAMOS DRIVE

" 20-

West Side San Jacinto Drive

Profile or Stat.	Deflect.	PC Chord	2' Curb Off. Chord	Profile Elevation	Remarks
E.C.R.				189.08	End Curb Ret. Churchward.
	9°-56'-30"	17.26	20.03	189.89	$\Delta = 59-39$
	19°-53'-00"	17.26	20.03	190.69	PR = 50
	29°-47'-30"	17.26	20.03	191.50 ✓	CR = 60
0+45.86				191.50 ✓	COR = 58
20.-	0°-54'-34"	20.95	20.70	191.70	P.R.C. PR = 660
0+65.86				191.20	$\Delta = 18-32'-23"$
15.77	1°-37'-36"	16.52	16.32	191.70	CR = 650
0+81.63				190.90	C.O.R. = 652
25	2°-45'-48"	26.19	25.87	191.55	
1+06.63				189.55	
24.80	3°-53'-28"	25.98	25.67	191.20	
1+31.43				188.20	Alley Return
29.69	5°-14'-28"	31.10	30.72	190.40	
1+61.12				186.60	Alley Return
20.-	6°-09'-02"	20.95	20.70	179.70	
1+81.12				185.51	
20.-	7°-03'-36"	20.95	20.70	179.00	
2+01.12				184.43	
25.-	8°-11'-49"	26.19	25.87	177.70	
2+26.12				183.08	
23.60	9°-16'-12"	24.72	24.42	176.20	
2+49.72				181.80	P.R.C.

East Side San Jacinto Drive

± Profile Stat.	Deflect.	R	2' Curb. Off. Chord	Profile Grade		Remarks
0+81.63				192.10 190.90		P.C.C. Δ = 17-43-21 P.R. = 600 C.R. = 610 C.O.R. = 608
25	1°-08'-13"	23.81	24.13	191.4 189.54		
1+06.63				190.9 188.19		
25	2°-16'-25"	23.81	24.13	190.5 186.84		
1+31.63				189.8 185.49	x	
25	3°-24'-38"	23.81	24.13	188.7 184.13		
1+56.63				187.2 182.78		
25	4°-32'-50"	23.81	24.13	185.9 181.80	x	
1+81.63				184.3 180.72		
25	5°-41'-03"	23.81	24.13	183.0 179.68		
2+06.63				182.0 178.75		
25	6°-49'-15"	23.81	24.13	181.1 178.04		
2+31.63				180.5 177.56		
18.09	7°-38'-39"	17.24	17.47		x	
2+49.72						
26.77	8°-51'-40"	25.49	25.83		x	
2+76.49						
25	2°-33'-28"	24.10	24.81			
3+01.49						
25	5°-06'-56"	24.10	24.81			
3+26.49						
25	7°-40'-25"	24.10	24.81			
3+51.49						
25						
25	10°-13'-53"	24.10	24.81			
3+76.49						

P.C.C.
 P.R.C. Δ = 30°53'
 P.R. = 270
 C.R. = 280
 C.O.R. = 278

West Side San Jacinto Drive

# of Profile Stat.	Deflect.	# Chord	2' Curb Off. Chord	Profile Grade
Sta. 3+01.06 Manzanares				178.80 ~ 179.40
	7-29'-15"	18.24	20.33	178.40 178.85
	14-58'-30"	18.24	20.33	177.80 178.10
	22-27'-45"	18.24	20.33	177.00 177.15
	29-57'-00"	18.24	20.33	175.76
4+23.68				
				182.18
10+90.49				
9.51	0-25'-57"	9.06	9.18	182.13
11+00				
25	1-34'-09"	23.81	24.13	182.01
11+25				
25	2-42'-22"	23.81	24.13	181.67
11+50				
25	3-50'-34"	23.81	24.13	181.00
11+75				
25	4-58'-47"	23.81	24.13	179.90
12+00				
25	6-07'-00"	23.81	24.13	178.50
12+25				

Remarks

Curb Ret. $\Delta = 59^{\circ}54'$
 $\#R = 70'$
 C.R. = 80'
 C.O.R. = 78'

E.C.

B.C. $\# \Delta = 37-07-50$
 $\#R = 600.$
 C. $\Delta = 36^{\circ}-43'-40''$
 C.R. = 610
 C.O.R. = 608

East Side San Jacinto Drive

Profile Stat.	Deflect.	# Chord.	2' Curb Off Chord.	Profile Grade
3+76.49				177.56
25	12°-47'-21"	24.10	24.81 ✓	177.30
4+01.49				177.14
4+29.49	15°-26'-30"	25.00	25.74	177.06
P.C.C.				177.14
Sta. 4+45.67 Manzanaras	0°-43'-20"	15.88	16.08	177.06
10+90.49				182.18
7.51	0°-25'-57"	9.96	9.84	
11+00				182.13
25	1°-34'-09"	26.19	25.87	
11+25				182.01
25	2°-42'-22"	26.19	25.87	
11+50				181.67
25	3°-50'-34"	26.19	25.87	
11+75				181.10
25	4°-58'-47"	26.19	25.87	
12+00				180.00
25	6°-07'-00"	26.19	25.87	
12+25				178.60

Remarks

P.C.C. $\Delta = 1^{\circ}26'41''$ $R = 630$
 $CR = 640$ $COR = 638$

B.C. $\Delta = 38^{\circ}48'17''$
 $R = 660$
 $CA = 38^{\circ}18'10''$
 $CR = 650$
 $C.O.R = 652$

West Side Sandacinto Drive

# or Profile Stat.	Deflect.	# Chord.	2' Curb Off. Chord.	Profile Grade.
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12+25				178.50
25	7°-15'-12"	23.81	24.13	
12+50				177.20
25	8°-23'-25"	23.81	24.13	
12+75				176.20 176.10
25	9°-31'-37"	23.81	24.13	
13+00				175.7 175.30
25	10°-39'-50"	23.81	24.13	
13+25				176.2 174.90
25	11°-48'-02"	23.81	24.13	
13+50				177.30 174.65
25	12°-56'-15"	23.81	24.13	
13+75				177.7 174.40
25	14°-04'-27"	23.81	24.13	
14+00				177.5 174.15
25	15°-12'-40"	23.81	24.13	
14+25				176.8 173.90
25	16°-20'-53"	23.81	24.13	
14+50				175.1 173.65
25	17°-29'-05"	23.81	24.13	
14+75				173.7 173.40
19.43	18°-22'-06"	18.50	18.75	
14+94.43				173.20

91.14

Remarks

Curb P.C.C.

East Side San Jacinto Drive

±
Profile
Stat.

± 2' Curb Profile
Deflect. Chord. Off-Chord. Grade

Remarks

12+25				178.60
25	7°-15'-12"	26.19	25.87	
12+50				177.30
25	8°-23'-25"	26.19	25.87	
12+75				176.20
25	9°-31'-37"	26.19	25.87	
13+00				176.0 175.40
25	10°-39'-50"	26.19	25.87	
13+25				176.70 175.00
25	11°-48'-02"	26.19	25.87	
13+50				177.8 174.81
25	12°-56'-15"	26.19	25.87	
13+75				178.2 174.62
25	14°-04'-27"	26.19	25.87	
14+00				178.0 174.42
25	15°-12'-40"	26.19	25.87	
14+25				177.3 174.23
25	16°-20'-53"	26.19	25.87	
14+50				175.6 174.04
25	17°-29'-05"	26.19	25.87	
14+75				174.20 173.85
19.43	18°-22'-06"	20.35	20.11	
14+94.43				173.70
17.22	19°-07'-05"	18.04	17.82	
15+11.65				173.75

Curb P.R.C.

North Side Manzanares Way

±
or
Profile
Stat.

Profile
Deflect. Chord. Off. Chord. Grade

Remarks

± or Profile Stat.	Profile Deflect.	Chord.	Off. Chord.	Grade
4+45.67				178.0 177.06
14.33	0°-37'-36"	13.78	13.96	178.0 177.15
4+60				178.0 177.15
20	1°-30'-05"	19.24	19.48	178.1 177.27
4+80				178.1 177.27
20	2°-22'-34"	19.24	19.48	178.3 177.39
5+00				178.3 177.39
25	3°-28'-11"	24.04	24.35	178.8 177.70
5+25				178.8 177.70
25	4°-33'-47"	24.04	24.35	179.4 178.32
5+50				179.4 178.32
25	5°-39'-24"	24.04	24.35	182.2 179.27
5+75				182.2 179.27
25	6°-45'-00"	24.04	24.35	183.1 180.52
6+00				183.1 180.52
25	7°-50'-36"	24.04	24.35	184.1 182.10
6+25				184.1 182.10
25	8°-56'-13"	24.04	24.35	185.4 184.00
6+50				185.4 184.00
25	10°-01'-49"	24.04	24.35	186.8 186.22
6+75				186.8 186.22
25	11°-07'-25"	24.04	24.35	188.75
7+00				188.75
25	12°-13'-02"	24.04	24.35	191.44
7+25				191.44

P.O.C. Δ = 26°-11'-19"
 PR = 630
 CR = 640
 COR = 638

South Side Manzanares Way

Profile Stat.	Deflect.	Chord.	2' Carb Off. Chord.	Profile Grade
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Remarks

4+45.67				179.0 176.50
14.33	0°-37'-36"	14.88	14.70	179.3 176.73
4+60				179.7 177.06
20	1°-30'-05"	20.76	20.52	179.9 177.39
4+80				180.4 177.70
20	2°-22'-34"	20.76	20.52	181.2 178.32
5+00				182.0 179.27
25	3°-28'-11"	25.95	25.65	183.0 180.52
5+25				184.2 182.10
25	4°-33'-47"	25.95	25.65	185.5 184.00
5+50				187.3 186.22
25	5°-39'-24"	25.95	25.65	188.75
5+75				
25	6°-45'-00"	25.95	25.65	
6+00				
25	7°-50'-36"	25.95	25.65	
6+25				
25	8°-56'-13"	25.95	25.65	
6+50				
25	10°-01'-49"	25.95	25.65	
6+75				
25	11°-07'-25"	25.95	25.65	
7+00				
25	12°-13'-02"	25.95	25.65	
7+25				

P.R.C. Δ = 26°-11'-19"
 P.R. = 680
 C.R. = 670
 C.A.R. = 672

North Side Manzanares Way

Profile
Stat.

2' Curb Profile
Deflect. Chord. Off. Chord. Grade

Remarks

7+25				191.44
20.06	13-05'-40"	19.27	19.51	
7+45.06				193.60
25	1-51'-37"	23.37	23.89	
7+70.06				195.98
25	3-43'-14"	23.37	23.89	
7+95.06				198.36
25	5-34'-51"	23.37	23.89	
8+20.06				200.74
25	7-26'-28"	23.37	23.89	
8+45.06				203.12
14.46	8-31'-00"	13.52	13.82	
8+59.52 =				204.50
8+59.59				
25	0-56'-55"	24.17	24.44	
8+84.59				206.69
25	1-53'-50"	24.17	24.44	
9+09.59				208.88
25	2-50'-45"	24.17	24.44	
9+34.59				211.07
25	3-47'-40"	24.17	24.44	
9+59.59				213.25
25	4-44'-35"	24.17	24.44	
9+84.59				215.44
25	5-41'-30"	24.17	24.44	
10+09.59				217.63

P.C.C. Δ = 17°-02'
P.R. = 360
C.R. = 370
C.O.R. = 368

P.C.C. Δ = 12°-34'-31"
P.R. = 730
C.R. = 740
C.O.R. = 738

South Side Manzanares Way.

Profile Stat.	Deflect.	Chord.	2' Curb Off. Chord.	Profile Grade
7+25				191.44
20.06	13°-05'-40"	20.79	20.55	
7+45.06				193.60 x
25	1°-51'-37"	26.62	26.10	
7+70.06				195.98
25	3°-43'-14"	26.62	26.10	
7+95.06				198.36 x
25	5°-34'-51"	26.62	26.10	
8+20.06				200.74
25	7°-26'-28"	26.62	26.10	
8+45.06				203.12 x
14.46	8°-31'-00"	15.40	15.10	
8+59.52 = 8+59.59				204.50 x
25	0°-56'-55"	25.83	25.56	
8+84.59				206.69 x
25	1°-53'-50"	25.83	25.56	
9+09.59				208.88
25	2°-50'-45"	25.83	25.56	
9+34.59				211.07 x
25	3°-47'-40"	25.83	25.56	
9+59.59				213.25
25	4°-44'-35"	25.83	25.56	
9+84.59				215.44 x
25	5°-41'-30"	25.83	25.56	
10+09.59				217.63

Remarks

P.C.C. Δ = 17°-02'

PR = 410

C.R. = 400

C.O.R. = 402

P.C.C. Δ = 15°-25'-24"

PR = 780

C.R. = 770

C.O.R. = 772

North Side Manzanaras Way.

$\frac{1}{2}$ Profile Stat.	Deflect.	Chord.	2' Curb Off. Chord.	Profile Grade
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10+09.59				217.63
15.64	6'-17'-15"	15.12	15.29	
10+25.23				219.00 X

Remarks

P.C.C.

South Side Manzanaras Way

Profile Stat.	Deflect.	Chord.	2' Curb Off. Chord.	Profile Grade
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Remarks

10+09.59				217.63
15.64	6'-17'-15"	16.16	15.99	
10+25.23				219.00
18.76	6'-59'-59"	19.39	19.19	
10+43.99				220.30
18.77	7'-42'-42"	19.39	19.19	
10+62.76				221.25
	8'-14'-36"	20.07	22.37	
				221.72
	17'-11'-46"	21.79	24.28	
				221.93
	26'-08'-57"	21.79	24.28	
E.C.R.				222.13

P.R.C. Δ = 52'-17'-54"
 P.R. = 70.-
 C.R. = 80.-
 C.O.R. = 78.-

End Curb Ret.

North Side Trinidad Way

Profile Stat.	Deflect.	Chord.	2' Curb Off. Chord.	Profile Grade
1+48.58				154.93
24.47	1°-20'-08"	23.31		
1+73.35				154.70
24.47	2°-40'-15"	23.31		
1+97.83				154.49
24.47	4°-00'-23"	23.31		
2+22.30				154.27
24.47	5°-20'-30"	23.31		
2+46.77				154.06
24.47	6°-40'-38"	23.31		
2+71.24				153.84
24.47	8°-00'-45"	23.31		
2+95.72				153.62
24.47	9°-20'-53"	23.31		
3+20.19				153.41
24.47	10°-41'-00"	23.31		
3+44.66				153.27

Rough Grades Only
See Next Sheet

Remarks

B.C. Δ = 21°22' RR = 500

P.C.C.

North Side Trinidad Way

Profile or Stat.	Deflect.	Chord.	2' Curb Off. Chord.	Profile Grade	Remarks
1+50.45				154.92	+0.47 End of Curb.
49.18	Tang.			154.92	
1+99.63 = 1+99.95				154.49	+0.46 B.C. Curb $\Delta = 11^{\circ} 15' 15''$ CR=250
17.35	1-52-32"		16.23	154.49	COR=248
2+17.30				154.33	+0.80
17.35	3-45-05"		16.23	154.33	
2+34.65				154.18	+0.68
17.35	5-37-37"		16.23	154.18	
2+52.00				154.03	+0.63 P.C.C.-Curb $\Delta = 10^{\circ} 06' 45''$
23.16 1/2	1-15-51"		22.41	154.03	CR=510
2+75.17				153.82	+0.33 COR=508
23.16 1/2	2-31-41"		22.41	153.82	
2+98.33				153.62	+0.26
23.16 1/2	3-47-32"		22.41	153.62	
3+21.50				153.42	-0.21
23.16 1/2	5-03-22"		22.41	153.42	
3+44.66				153.27	-0.10 P.C.C.

21-22

5-37-37
5-03-22
10-40-59

North Side Trinidad Way

Station
Profile

Deflect. Chord. 2' Curb Off. Chord. Profile Grade

Remarks

3+44.66				153.27	11.28
5.34	0°-06'-49"	5.24	5.27		
3+50				153.24	11.31
25	0°-38'-46"	24.54	24.68		
3+75				153.28	11.27
25	1°-10'-43"	24.54	24.68		
4+00				153.51	11.04
25	1°-42'-40"	24.54	24.68		
4+25				153.91	10.64
25	2°-14'-37"	24.54	24.68		
4+50				154.50	10.05
25	2°-46'-34"	24.54	24.68		
4+75				155.27	9.28
25	3°-18'-31"	24.54	24.68		
5+00				156.22	8.33
25	3°-50'-28"	24.54	24.68		
5+25				157.35	7.20
25	4°-22'-25"	24.54	24.68		
5+50				158.67	5.88
25	4°-54'-22"	24.54	24.68		
5+75				160.16	4.39
25	5°-26'-19"	24.54	24.68		
6+00				161.84	2.71
25	5°-58'-16"	24.54	24.68		
6+25				163.70	

+0.20

Grade

+0.25

+0.27

+0.28

+0.03

-0.20

-0.15

+0.33

+0.37

P.C.C. Δ=18°-33'
 PR=1320
 CR=1330
 COR=1328

2.30

53.24
 52.60
 1.64

South Side Trinidad Way									Remarks
St. of Profile	Deflect.	Chord.	Off. Chord.	Profile Grade	GR				
3+46.51				152.52					
1.77	0°-02'-16"	1.80	1.79	152.60	11.95	+1.68	+0.68	PRC Δ=18°-28'-47" R=1370	
3+48.28								Curb PRC Δ=18°-23'-45"	
1.72	0°-04'-28"	1.75	1.74					C.R.=1360	
3+50				152.64	11.91			COR=1362	
25	0°-36'-25"	25.46	25.32						
3+75				153.19	11.36		+0.45		
25	1°-08'-22"	25.46	25.32						
4+00				153.75	10.80		+0.39		
25	1°-40'-18"	25.46	25.32						
4+25				154.30	10.25		+0.70		
25	2°-12'-15"	25.46	25.32						
4+50				154.95	9.60		+0.43		
25	2°-44'-12"	25.46	25.32						
4+75				155.77	8.78		+0.07		
25	3°-16'-09"	25.46	25.32						
5+00				156.72	7.83		+0.15		
25	3°-48'-06"	25.46	25.32						
5+25				157.85	6.70		+0.25		
25	4°-20'-03"	25.46	25.32						
5+50				159.17	5.36		+0.18		
25	4°-52'-00"	25.46	25.32						
5+75				160.66	3.89		+0.37		
25	5°-23'-57"	25.46	25.32						
6+00				162.34	2.11		+0.71		
25	5°-55'-54"	25.46	25.32						
6+25				164.20					

North Side Trinidad Way

± or Profile Stat.	Deflect.	Chord.	2' Curb Off-Chord	Profile Grade	Rod	+ or -	Remarks
6+25				163.70	11.31	+0.09	
✓ 25	6-30-13"	24.54	24.68				
6+50				165.65	9.36	+0.18	
✓ 25	7-02-10"	24.54	24.68				
6+75				167.60	7.41	+0.50	
✓ 25	7-34-07"	24.54	24.68				
7+00				169.55	5.46	+0.28	
25	8-06-04"	24.54	24.68				
7+25				171.50	3.51	+0.19	
25	8-38-01"	24.54	24.68				
7+50				173.45	1.56	-0.01	
25	9-09-58"	24.54	24.68				
7+75				175.40			
5.12	9-16-30"	5.02	5.06				
7+80.12				175.80	10.57	-0.10	E.C.

(See Book 2 for rest of
Trinidad)

8+26⁷⁸

Elev.
179.50 179.88

+0.38

South Side Trinidad Way

Profile Stat.	Deflect.	# Chord.	2' Curb Profile Off-Chord.	Profile Grade	Rod	+ or -	Remarks
6+25				164.20	10.81	+0.40	
25	6-27-51"	25.46	25.32				
6+50				166.15	8.86	-0.02	
25	6-59-48"	25.46	25.32				
6+75				168.10	6.91	+0.13	
25	7-31-45"	25.46	25.32				
7+00				170.05	4.96	-0.01	
25	8-03-42"	25.46	25.32				
7+25				172.00	3.01	+0.04	
25	8-35-39"	25.46	25.32				
7+50				173.95	1.06	+0.04	
25	9-07-36"	25.46	25.32				
7+75				175.90			
5.12	9-14-08 $\frac{1}{2}$ "	5.22	5.18				
7+80.12				176.30	10.07		E.C.

(See Book 2 for rest of
Trinidad)

7+95.85	Grade Elev.	
	177.60	177.70
		+0.10

EAST SIDE LOS ALAMOS DE.							
± Profile Stat.	Defect.	# Chord.	2' Curb Off-Chord	Profile Grade	Curb Elev.	Curb Cut or Fill	Remarks
	97.38						
94.81							
0+50.29		2.43	94.95	294.34	+ 0.61		
1+00		4.00	93.38	293.81	- 0.44		
1+50		4.46	92.92	293.30	- 0.38		
2+00		5.17	92.21	292.58	- 0.37		
2+50		5.82	91.56	91.86	- 0.30		
3+00		6.75	90.63	91.14	- 0.51		
3+50		7.82	89.56	90.42	- 0.86		
4+00	92.54	3.40	89.14	89.70	- 0.56		
4+50	92.54	3.83	88.71	88.98	- 0.27		
5+00	92.54	4.58	87.96	88.26	- 0.30		
5+50	92.54	5.07	87.47	287.54	- 0.07		
6+09.10	92.54	6.06	86.47	286.69	- 0.22		

St. or Profile Stat.	WEST SIDE. Los ALAMOS DR.				Elevation	C + or -	Remarks
	Deflect.	Chord.	2' Curb Off. Chord	Profile Grade			
938v							
0+49.7v	97.38	3.29	94.09	294.00	+0.09		
1+00	97.38	3.87	93.51	93.65	-0.14		
1+50	97.38	4.55	92.83	293.30	-0.47		
2+00	97.38	5.07	92.31	92.58	-0.27		
2+50	97.38	5.67	91.71	91.86	-0.15		
3+00	97.38	6.80	90.58	91.14	-0.56		
3+50	97.38	7.70	89.68	90.42	-0.74		
4+00	92.54	3.33	89.21	89.70	-0.49		
4+50	92.54	3.66	88.88	88.98	-0.10		
5+00	92.54	4.42	88.12	88.26	-0.14		
5+50	92.54	4.68	87.86	87.54	+0.32		
5+90.91	92.54	5.40	87.14	286.95	+0.19		

of
Profile
Stat.

2' Curb Profile

Deflect. Chord. Off. Chord Grade

Remarks

E
or
Profile
Stat.

2' Curb Profile
Deflect. Chord Off-Chord Grade

Remarks

Profile
Stat.

2' Curb Profile
Deflect. Chord. Off-Chord Grade

Remarks

Profile
Stat.

2' Curb Profile
Deflect. Chord Off-Chord Grade

Remarks

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Profile
Stat.

Deflect Chord
2' Curb Profile
Off-Chord Grade

Remarks

or
Profile
Stat.

2' Curb Profile
Deflect Chord Off-Chord Grade

Remarks:

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Stat.

R 2' Curb Profile
Deflect. Chord Off. Chord. Grade

Remarks

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Profile
Stat.

2' Curb Profile
Deflect. Chord. Off-Chord Grade

Remarks.









