F.B. 384 PG 5

s Red Plotted Job No. 9912.02 Division No.
Date Survey of So Bay Bike Trail
Checked Survey by Tom Markey Notes Tom M. Date 11- '73
Date Map No. Indexed G. D. BAILEY Date MAR 22 1974

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

RINA AREA CONST. STK'S. SH. M.O.R's 5,4,3,2

ELEV. ARE BASED ON M.L.L.W.

D&T's set 4' off of each
edge A.C. Pav.

Cuts of Fills to Finish Pav.

Markey
Dover
Derby
H. Jackson

Microfilmed Jan 85

F.B. 3841 Pg. 6

Job No. 9912.02 Division No. _____ Notes Red _____ Plotted _____

Survey of Sa. Bay Bike Trail Date _____ Date _____

Survey by Tom M. Notes Tom Markey Notes Chkd. _____ Checked _____

Indexed G. D. BAILEY Date MAR 22 1971 Date _____ Date _____

STATION	B.S.	H.I.	F.S.	ELEV.	Const. Stks Marine Area Sh. M. DR 2345
T.B.M. (Fd.) S-72				11.98	T.B.M. S-72 M.L.W. EL. 11.98 F.B. 2679 - 155 A Br. spk. top of bulk head wall & S'ly from the S.W.'ly Prop. Cor. of the Pieces of Eight restaurant at Fisherman's Wharf.
T.P.				16.15	
T.P.				17.53	
T.P.				17.96	
T.P.				17.15	
T.P.				16.28	
T.P.				15.35	
T.P.				15.48	
T.P.				15.71	
T.P.				15.32	
T.P.	near W. end of trail			16.34	
T.P.	& return			14.74	
T.P.				15.89	
T.P.				15.20	
T.P.				15.85	
T.P.				18.20	
TBM Fd S-72				12.02	TBM. EL. 11.98 See Above

Levels run simultaneously with construction staking

76-L-298 CE 307 5-66

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Const. Stk's Marina Area Sh. MDR 2,3,4,5

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		RT. EL.	Grade	C/F
	Top Dike	Profile		LT. ELEV						
10+00		16.00		15.93	17.20	F1.27	(1)	18.30	17.74	C0.56
25				15.90	17.20	F1.30	(1)	18.54	17.74	C0.80
50				15.98	17.20	F1.22	(1)	18.56	17.74	C0.82
75				16.20	17.20	F1.00	(1)	18.46	17.74	C0.72
10+85				16.16	17.20	F1.04	(1)	18.39	17.74	C0.65
11+		16.09		16.09	17.20	F1.11		18.43	17.62	C0.81
25				16.09	17.20	F1.11		18.37	17.62	C0.75
50				16.13	17.20	F1.07		18.37	17.62	C0.75
75				16.11	17.20	F1.09		18.42	17.62	C0.80
12+		16.00		15.90	17.20	F1.30	T.P.	18.20	17.62	C0.58
25				15.72	17.10	F1.38		18.04	17.52	C0.52
50				15.44	17.00	F1.56		17.99	17.42	C0.57
75				15.07	16.90	F1.83		17.88	17.32	C0.56
13+		15.63		15.33	16.80	F1.47		17.73	17.22	C0.51
25				15.35	16.85	F1.50		17.70	17.27	C0.43
50				15.65	16.90	F1.25		17.77	17.32	C0.45
75				15.72	16.95	F1.23		17.71	17.37	C0.34
14+		15.83		15.65	17.00	F1.35		17.59	17.42	C0.17
25				15.53	16.69	F1.16		17.67	17.08	C0.59
50				15.52	16.38	F0.86		17.60	16.76	C0.84
75										

3% X-slope S'ly

All elev.s from 10+00 thru 14+90 are shown 0.35' low rod slipped.

edge of pav. offset 4' S'ly

18' Trail

14' Trail

edge of pav. offset 4' N'ly

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 99120 Division No. ____

X-Sec. No. ____ Date ____ Notes Chk'd. ____ Checked ____ Survey of So Bay Bike Trail

Survey by Tom Maukey Notes Tom M Date 11-73

Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

F.B. 3841 Pg. 7

76-L-298 CE 307 5-66

15.55 6.06

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Sh. M.D.R. 2,3,4,5

STATION	B. S.	H. I.	F. S.	ELEV.	C/F	RT & N. EL.	Grade	C/F
	℄ Profile		LT EL	Grade				
14+80 low flow drain			15.61	16.00	F0.39'		Fix. 16.40	Pipe + 4"
14+90 ± Join				16.22 ~~15.89~~	0.00 Join		17.04' ~~16.69~~	0.00 Join
Boat House Area								
18+76 ±				15.21			15.61 ~~15.61~~	
19+00	2% X-Slope S'ly	15.2	15.20	15.18	C0.02'	15.68	15.56'	C-0.12
+25			15.03	15.16	F0.13	15.64	15.52	C-0.12
50			14.82	15.14	F0.32	15.46	15.48	F-0.02
75			14.73	15.12	F0.39	15.38	15.44	F-0.06
20+		14.9	14.55	15.10	F0.55'	15.47	15.40	C0.07'
25			14.58	15.00	F0.42'	15.48	15.30	C-0.18'
50			14.56	14.90	F0.34'	15.34	15.20	C-0.14
75			14.54	14.80	F0.26'	15.34	15.10	C-0.24
21+		14.5	14.51	14.70	F0.19'	15.10	15.00	C-0.10'
25			14.50	14.70	F0.20'	14.83	15.00	F-0.17'
50			14.58	14.70	F0.12'	14.97	15.00	F0.03'
75			14.65	14.70	F0.05'	15.05	15.00	C0.05'
22+		14.6	14.45	14.70	F0.25	14.99	15.00	Grade
25			14.61	14.70	F0.09'	14.97	15.00	F0.03'
50			14.64	14.70	F0.06	14.91	15.00	F0.09'
75			14.46	14.70	F0.24	14.85	15.00	F0.15
23+		14.5	14.53	14.70	F0.17	T.P. 14.83	15.00	F0.17'

edge pav offset 4' S'ly

edge of pav. offset 4' N'ly

Profile
Plotted
Date
Notes Red
Date
Notes Chk'd.
Date
Division No.
Job No.
Survey of
Survey by
Notes
Indexed G. D. BAILEY
Date MAR 22 1974
X-Sec.
Checked
Date
No.
No.
No.
F. B. 3841 Pg. 8

76-L-298 CE 307 5-66

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Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

F.B. 3841 PG. 9

Sh. M.O.R. 2, 3, 4, 5

STATION	B. S.	H. I.	F. S.	ELEV.					
	℄ Profile			T. EL	Grade	C/F	RT. EL.	Grade	C/F
23+25				14.43	14.65	F0.22	14.77	14.95	F0.18
50				14.36	14.60	F0.24	14.78	14.90	F0.12
75				14.20	14.55	F0.35	14.86	14.85	Grade
24+		14.3'		14.16	14.50	F0.34	14.76	14.80	F0.04
25				14.06	14.50	F0.44	14.73	14.80	F0.07
50	2% X-Slope S'ly		edge pav. offset 4' S'ly	14.20	14.50	F0.30	14.79	14.80	Grade
75				14.17	14.50	F0.33	14.85	14.80	C0.05
25+		14.2'		14.11	14.50	F0.39	14.77	14.80	F0.03
25				13.97	14.50	F0.53	14.70	14.80	F0.10
50				14.00	14.50	F0.50	14.71	14.80	F0.09
75				14.15	14.50	F0.35	14.75	14.80	F0.05
26+		14.4'		14.25	14.50	F0.25	14.79	14.80	Grade
25				14.33	1448	F0.15	14.75	14.78	F0.03
50				14.40	14.45	F0.05	1483	14.75	C0.08
75				14.32	14.42	F0.10	14.77	14.72	C0.05
27+		14.2'		14.35	14.40	F-0.05	14.79	14.70	C-0.09
25				14.11	14.38	F 0.27	14.71	14.68	C-0.03
50				14.14	14.35	F. 0.21	14.71	14.65	C-0.06
75				14.07	14.33	F. 0.26	14.77	14.63	C-0.14
28+		14.1'		13.99'	14.30	F.0.31	14.70'	14.60	C-0.10.

76-L-298 CE 307 5-66

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F. B. 3841 Pg. 10 Job No. Division No. Notes Red Plotted Profile
Survey of Date No. X-Sec.
Survey by G. D. BAILEY Notes Notes Chk'd. Checked
Indexed Date MAR 22 1974 Date Date No.

SH. MDR. 2, 3, 4, 5

STATION	B. S.	H. I.	F. S.	ELEV.					
		℄ Profile		LT. EL.	Grade	C/F.	RT. EL.	Grade	C/F.
28+25				13.91'	14.27	F 0.33	14.73'	14.57	C-0.16
50				13.86'	14.25	F 0.39	14.70'	14.55	C-0.15
75				13.78'	14.23	F 0.45	T.P. 14.68'	14.53	C-0.15
29+		14.0		14.05'	14.20	F 0.15	14.75'	14.50	C-0.25
25				14.14'	14.25	F 0.11	14.77'	14.55	C-0.22
50				14.16'	14.30	F 0.14	15.16'	14.60	C-0.56
75				14.20'	14.35	F 0.15	15.04'	14.65	C-0.39
30+		14.2'		14.22'	14.40	F 0.18	14.95'	14.70	C-0.25
25				14.27'	14.40	F 0.13	14.98'	14.70	C-0.28
50				14.09'	14.40	F 0.31	14.92'	14.70	C-0.22
75				14.12'	14.40	F 0.28	14.88'	14.70	C-0.18
31+		14.2'		14.17'	14.40	F 0.23	14.98'	14.70	C-0.28
25				13.95'	14.40	F 0.45	15.08'	14.70	C-0.38
50				13.87'	14.40	F 0.53	15.06'	14.70	C-0.36
75				13.95'	14.40	F 0.45	14.91'	14.70	C-0.21
32+		14.1'		13.91'	14.40	F 0.49	14.89'	14.70	C-0.18
25				14.02'	14.40	F 0.38	14.90'	14.70	C-0.20
50				14.22'	14.40	F 0.18	14.98'	14.70	C-0.28
75				14.03'	14.40	F 0.37	14.79'	14.70	C-0.09
33+		14.2		13.94'	14.40	F 0.46	14.87'	14.70	C-0.17

2% X-Slope S'ly

edge pav. offset 4' S'ly

edge of pav. offset 4' N'ly

76-L-298 CE 307 5-66

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Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Notes ____ Date ____
Index @ D. BAILEY Date MAR 22 1974
F.B. 3841 Pg. 11

SH. M.O.R. 334

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & So. Pro. El.	Grade	C/F	Rt. & No. Pro. El.	Grade	C/F
	& Profile									
33+25	2% x-Slope 5'Ly				13.92'	14.40	F-0.48	14.83'	14.70	C 0.13
50					13.98'	14.40	F. 0.42	14.77'	14.70	C 0.07
75					14.00'	14.40	F 0.40	14.80'	14.70	C 0.10
34+		14.2'			13.82'	14.40	F 0.58	14.66	14.70	F 0.04
25			edge of Pav. offset 4'S'ly		13.70'	14.55	F 0.85	14.78	14.85	F 0.07
+47	& Pt.	14.3'			13.81'	14.70	F 0.89	14.89'	15.00	F 0.11
75					13.94'	15.00	F 1.06	15.18	15.30	F 0.12
35 +		15.2			14.23	15.30	F 1.07	15.33'	15.60	F 0.27
25					15.09	15.45	F 0.36	15.57	15.75	F 0.18
50					15.61	15.60	C 0.01	15.58	15.90	F 0.32
75					15.47	15.75	F 0.28	15.47	16.05	F 0.58
36 +	2% x-Slope 5'Ly	15.8			15.63'	15.90	F 0.27	15.44	16.20	F 0.76
25					15.64	15.90	F 0.26	15.64	16.20	F 0.56
50					15.71	15.90	F 0.19	15.84	16.20	F 0.36
75					15.54	15.90	F 0.36	16.01	16.20	F 0.19
37+		15.8			15.67	15.90	F 0.23	16.00	16.20	F 0.20
25					15.52	15.91	F 0.39	15.96	16.21	F 0.25
50					15.51	15.93	F 0.42	15.95	16.23	F 0.28
75					15.72	15.94	F 0.22	15.87	16.24	F 0.37
38			T.P.	15.69		15.95	F 0.26	15.94	16.25	F 0.31

76-L-298 CE 307 5-66

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SH. M.D.R. 2,3,4,5

STATION	B. S.	H. I.	F. S.	ELEV.	LT. Prof. EL.	Grade	C/F.	RT & No. Prof. EL.	Grade	C/F.
38+ 25	2% X-slope S'ly	edge of pav. offset 4' S'ly			15.60	15.92	F0.32	16.00	16.22	F0.22
50					15.65	15.90	F0.25	16.34	16.20	C0.14
75 ∡Pt.					15.62	15.87	F0.25	16.36	16.17	C0.19
39+					15.34	15.85	F0.51	16.24	16.15	C0.09
25					15.73	16.01	F0.28	16.20	16.31	F0.11
50					15.80	16.17	F0.37	16.36	16.47	F0.11
75					16.07	16.33	F0.26	16.27	16.63	F0.36
40+					16.10	16.50	F0.40	16.31	16.80	F0.49
25					16.10	16.37	F0.27	16.58	16.67	F0.09
50					15.93	16.25	F0.32	16.44	16.55	F0.11
75					16.00	16.12	F0.12	16.18	16.42	F0.24
41+					15.85	16.00	F0.15	15.81	16.30	F0.49
25					15.33	15.84	F0.51	15.45	16.14	F0.69
50					15.22	15.66	F0.44	15.37	15.96	F0.59
75					14.94	15.48	F0.54	15.21	15.78	F0.57
42+					14.96	15.30	F0.34	15.34	15.60	F0.26
25					14.64	15.50	F0.86	15.69	15.64	C0.05
50					15.16	15.70	F0.54	15.84	15.68	C0.16
75					15.31	15.90	F0.59	16.06	15.72	C0.34
43+00 Join & End					—	16.10	—	—	15.76	—

edge of pav. offset 4' N'ly

F. B. 3841 Pg. 12

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes ____ Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed G. D. BAILEY Date MAR 22 1974 Date ____ Date ____ No. ____

Notes Ck'd by	Survey of So. Bay Bike Trails
Map No.	JN 9912.02 Tape Std °F
Office Work	Surveyed by Tom Maulkey
Checked	Notes Tom M. Date 11-72
Date	Indexed G. D. BAILEY MAR 22 1974

F. B. 3841 PG. 13

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

REST STOP

NEAR 18+00 LAYOUT

SH. T: 2

Maulkey
Mahler
Tollison
H. Jackson

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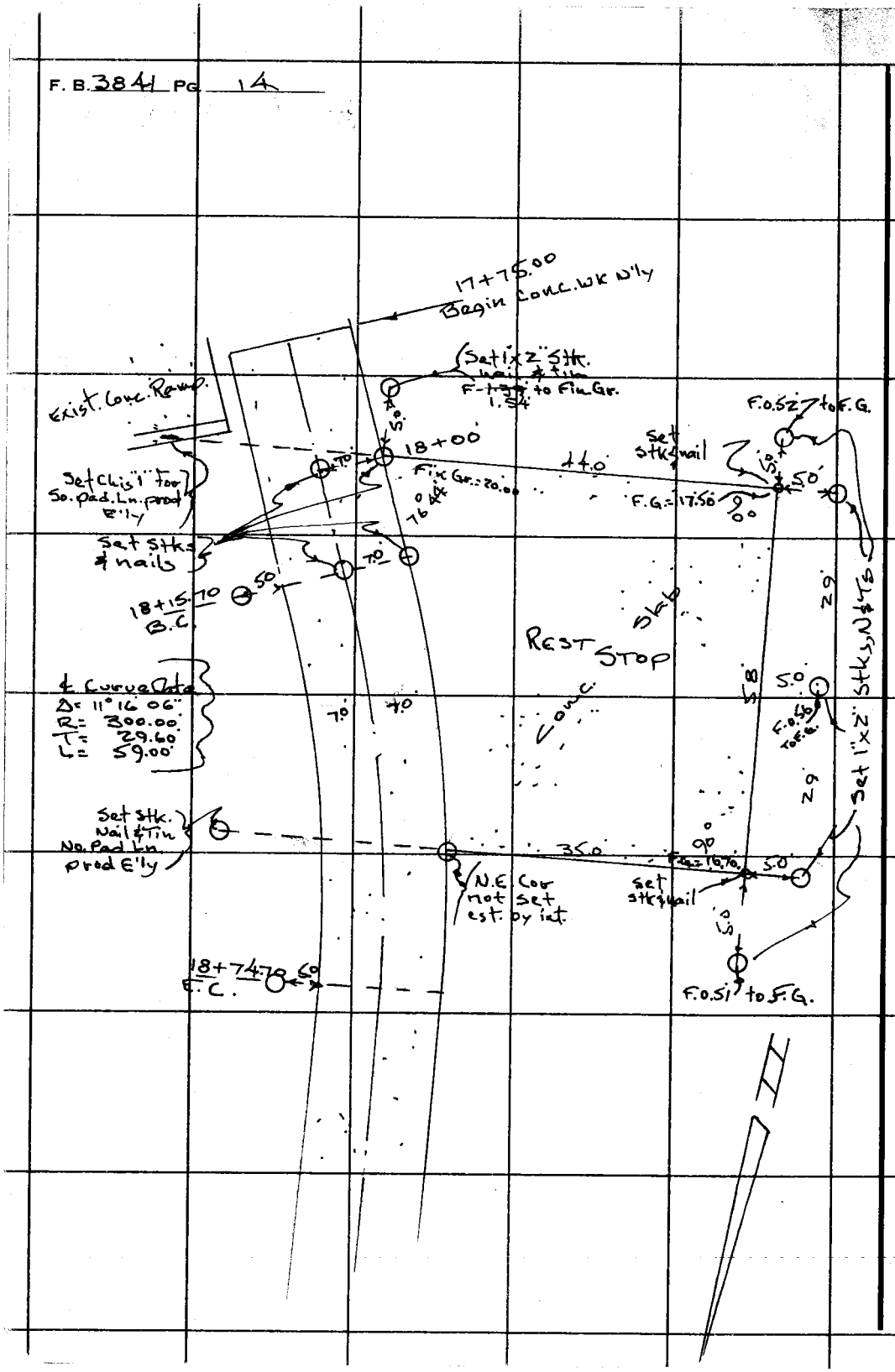
76F309S CE#310 3-68

F. B. 3841 Pg 14



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F. B. 3841 PG. 15

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 9912.02 Division No. ____

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of So. Bay Bike Trails

Survey by Tom M. Notes Tom M. Date 11 - 73

Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

9912.02

SOUTH BAY BICYCLE TRAILS

CONST. STKS Sh. T-2

For

END REST STOP & TRAIL N'LY

Monkey
Maker
Tolligon
H. Jackson

STATION	B. S.	H. I.	F. S.	ELEV.

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STATION	B. S.	H. I.	F. S.	ELEV.	Const. Stk.		Sh. T-2
T.B.M. #1 (Fd)				22.00	T.B.M. #1 M.L.L.W. EL = 22.00 Bt. Spk. in lead in conc. Curb, 3' East of West end of S'ly conc. cb. of Drive to L.A.Co. Lifeguard Station		F.B. 2100-154
			℄ Profile	(E. edge)	Grade	C/F	
17+75.00	Beg. of conc. Wk. N'ly		19.7	20.38	20.30	C0.08	S&T (5') Rt. & East
18+				20.44	20.30	C0.14	
+15.70	B.C.			19.37	19.95	F0.58	
35.70			18.5	19.06	19.50	F0.44	
55.70				18.47	19.05	F0.58	
18+74.70	E.C.			18.48	18.62	F0.14	
		Rest Stop					
S.E. Cor. S&T. 5' So.				18.61	20.15 ~~20.00~~	F1.54 ~~F1.39~~	
S.W. " " " "				16.98	17.50	F-0.52	
N.W " " " No.				16.19	16.70	F-0.51	
N.E. "		Join Walk.					
Mid point West edge				16.54	17.10	F-0.56	
		Walk. Cont. N'ly					
19+00				18.07	18.05	C.02	
25 T.P.			16.9	17.64	17.50	C0.14	
50				17.60	17.13	C0.47	
75				17.06	16.75	C0.31	
20+				18.25	16.38	C1.87	
25			15.4	17.35	16.00	C1.35	

1% X-Slope W'ly

1% X-Slope W'ly

F. B. 3841 Pg. 16

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes ____ Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed G. D. BAILEY Date MAR 22 1974 Date ____ Date ____ No. ____

76-1-298 CE 307 3-61

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Const. stks — SHT-2

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			℄ Profile				
20+50				16 95	15.82	C1.13'	S&T (5) RT. & E.
75				16 51	15.65	C0.86	
21+				15 92	15.47	C0.45	
25			14.7	15 66	15.30	C0.36	
50				15 68	14.65	C1.03'	
75	21+77 conc.		14.07	14 87	14.00	C0.87'	
22+	21+98 conc.		14.88	15 25	14.90	C0.35'	
25			14.8	16 60	14.96	C1.64'	
50				15 66	15.02	C0.64'	
75				15 43	15.04	C0.35'	
23+				15 25	15.14	C0.11'	
25			14.6	15 92	15.20	C0.72'	
50				15 97	15.14	C0.83'	
75				15 50	15.08	C0.42	
24+	+14.5 T.P. Ctr. M.H. EL. =		14.82	15 40	15.01	C0.39'	M.H. lies on wk. ℄
25				15 74	14.95	C0.79'	
50				16 24	14.99	C1.25'	
75				15 96	15.03	C0.93'	
25+				16 11	15.06	C1.05'	
25			14.5	15 57	15.10	C0.47'	

1% X-Slope Wily

Profile Notes Red ____ Plotted ____ Job No. 9912-02 Division No. ____ F.B. 3841 Pg. 17
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by Tom M. Notes Tom Date 11-73
No. ____ Date ____ Date ____ Map No. ____ Index G. D. BAILEY Date MAR 22 1974

76-L298 CE 307 3-61

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Const. Stks For Bike Trail Sh T-2

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	C/E.	
			℄ Profile				
25+50				15.67	15.12	C 0.55	S&T (5') RT. & E.
75				16.41	15.15	C 1.26	
26+				15.45	15.18	C 0.27	
25			14.6	15.68	15.20	C 0.48	
50				15.16	15.28	F 0.12	
75				15.04	15.36	F 0.32	
26+96.88 B.C. T.P. #7				15.31	15.43	F 0.12	
27+16.88			14.6	15.28	15.50	F 0.22	
36.88				15.81	16.13	F 0.32	
27+50 CTR. Equip. Ramp				17.48	16.55	C 0.93	S&T (10') RT
"				14.69	16.40 W. edge	F 1.71	S&T (10') LT
76.88			16.9	18.49	17.40	C 1.09	5' RT
27+94.75 E.C. #7				18.38	17.25	C 1.13	"
28+25			16.4	17.90	17.00	C 0.90	"
50			15.2±	16.76	16.00	C 0.76	
+68.86 B.C. #8				16.25	16.00	C 0.25	
+88.86				15.57	16.00	F 0.43	
29+08.86				15.48	16.00	F 0.52	
28.86			15.5	15.43	16.00	F 0.57	
48.86				15.50	15.91	F 0.41	
29+68.86				15.64	15.82	F 0.18	

1% X-Slope Wily

F.B. 3841 Pg. 18
Job No. 9912.02 Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of So. Bay Bike Trails Date ____ Date ____ No. ____
Survey by Tom M. Notes Tom Mankey Notes Chkd. ____ Checked ____ X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date ____ Date ____ No. ____

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Const. Stks. For Bike Trail — Sh. T-2

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F.	
		℄ Profile					
29+89.64	E.C. #8			16.27	15.72	C0.55	S&T (5') Rt of E. edge
29+98.08	B.C. #9			16.94	15.68	C1.26	
30+18.08				16.87	15.59	C1.28	
38.08			14.9	16.10	15.50	C0.60	
58.08				16.44	15.42	C1.02	
78.08	T.P.			15.58	15.34	C0.24	
30+97.13	E.C. #9			14.64	15.26	F0.62	
31+25			14.6	14.83	15.15	F0.32	
50				15.56	15.38	C0.18	
31+72.03	B.C. #10			16.02	15.58	C0.44	
+92.03				15.91	15.77	C0.14	
32+12.03				15.94	15.95	Grade	
+32.03			~~15.6~~	16.25	16.14	C0.11	
+52.03	at cov. Conc. Ramp.			16.36	16.33	C0.03	
32+73.87	E.C. #10	T.P.		16.13	16.19	F0.06	
33+00				15.85	16.02	F0.17	
25			15.3	15.60	15.85	F0.25	
50				15.84	15.80	C0.04	
33+69.52	B.C. #11			15.72	15.76	F0.04	
89.52				15.49	15.72	F0.23	

1% X-slope

Profile No. ___ Notes Red ___ Plotted ___ Job No. 991202 Division No. ___ F.B. 3841 Pg. 19
X-Sec. No. ___ Date ___ Date ___ Survey of So. Bay Bike Trails
Notes Chkd. ___ Checked ___ Survey by Tom M. Notes Tom M. Date 11-73
Date ___ Date ___ Map No. ___ Indexed D. BAILEY Date MAR 22 1974

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Const. Stk's for Bike Trail — SH. R.B.-3

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	C/E	
			℄ Profile				
34+11.08	E.C. #11			15.68	15.67	Gr.	S&T (S) E. of edge
+25			15.1	15.87	15.65	C 0.22	
34+45.89	B.C. #12			15.87	15.59	C 0.28	
65.89				16.26	15.53	C 0.73	
85.89				16.89	15.47	C 1.42	
34+92.89	E.C. #12			16.92	15.45	C 1.47	
35+00				16.94	15.43	C 1.51	
25			14.8	16.48	15.35	C 1.13	
50				15.57	15.40	C 0.17	
75				15.57	15.45	C 0.12	
36+				15.63	15.50	C 0.13	
25			14.9	15.25	15.55	F 0.30	
50	T.P.			15.58	15.60	F 0.02	
75				15.75	15.65	C 0.10	
37+				15.63	15.70	F 0.07	
25			15.2	15.58	15.75	F 0.17	
50				15.88	15.86	C 0.02	
75				16.14	15.97	C 0.17	
38+				15.96	16.08	F 0.12	
25			15.7	16.69	16.20	C 0.49	

1% X-Slope W'ly

F.B. 3841 Pg. 20
Job No. 9912.03 Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of So. Bay Bike Trails Date ____ Date ____ No. ____
Survey by Tom M. Notes Tom Notes Chkd. ____ Checked ____ X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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Const. Stks for Bike Trail — Sh. R.B. - 3

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F.	
			℄ Profile				
38+~~50~~ 44	Rest Room			17.00	16.20	C 0.80	S&T (5') E. of E. edge
+~~75~~ 89				17.16	16.20	C 0.96	
39+				18.74	16.20	C 2.54	
25			15.6	17.21	16.20	C 1.01	
50				15.85	16.20	F 0.35	
75				15.91	16.21	F 0.30	
40+				16.14	16.22	F 0.08	
25			15.8	16.80	16.22	C 0.58	
50				16.60	16.23	C 0.37	
75				16.88	16.23	C 0.65	
41+	T.P.			17.45	16.24	C 1.21	
25			15.7	16.73	16.25	C 0.48	
50				16.68	16.15	C 0.53	
41+ 66.58	B.C. # 3			16.19	16.08	C 0.11	
86.58				16.71	16.00	C 0.71	
42+06.58				17.56	15.92	C 1.64	
26.58			15.3	16.95	15.85	C 1.10	
42+35.12	E.C. # 13			16.72	15.90	C 0.82	
50				16.73	15.99	C 0.74	
75				16.66	16.14	C 0.52	

1% X-Slope (W)ly

Profile Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____ F.B. 3841 PG. 21
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by Tom M. Notes Tom M. Date 11-73
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

76-L298 CE 307 3-61

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Const. Stks For Bike Trail SH.R.B-3

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	C/F	
			℄ Profile				
43+00				16.11'	16.30	F0.19	S & T (S') E. of E. edge
25			15.9	16.32'	16.45	F0.13	
50				16.24'	16.40	F0.16	
75				16.49'	16.35	C0.14	
44+				16.50	16.30	C0.20	
+14.78	B.C. #14			16.59'	16.27	C0.32	
34.78			15.7	17.47'	16.24	C1.23	
54.78				17.13'	16.21	C0.92	
74.78				16.38'	16.17	C0.21	
45+00.71	E.C. #14 T.P.			16.59'	16.12	C0.47	
25			15.5	18.60'	16.05	C2.55	
50				18.80'	16.13	C2.67	
75				17.19'	16.21	C0.98	
46+				16.61'	16.28	C0.33	
25			15.8	17.38'	16.35	C1.03	
50				17.40'	16.27	C1.13	
75				17.01'	16.19	C0.82	
47+				16.56'	16.11	C0.45	
+34	So. Cor. Conc. ramp.			14.94'	16.00		S' Rt. Conc.
25	(near ramp)		16.1	16.16	16.03	C0.13	
47+52.65	B.C. #15 (near Ramp		15.7'	15.64	16.03	F0.39	
+59	Edge Conc			14.45			

1% X-slope W/Y

F.B. 3841 PG. 22
Job No. 9912.03 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trails Date Date No.
Survey by Tom M. Notes Tom Mauke Notes Chkd. Checked X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date Date No.

76-L298 CE 307 3-61

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Const Stk's for Bike Trail SH R.B. 4

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			℄ Profile				
47+72.65				15.91	16.28	F 0.37	S&T (S') Rt. edge & E
+92.65				17.49	16.53	C 0.96	
48+12.65				17.36	16.78	C 0.58	
+32.65			16.5	17.75	17.05	C 0.70	
+52.65				18.17	17.17	C 1.00	
48+76.68	E.C. # 15			18.53	17.31	C 1.22	
49	T.P.			20.51	17.45	C 3.06	
+25			17.0	17.84	17.60	C 0.24	
50				17.77	17.60	C 0.17	
75				17.47	17.60	F 0.13	
		Top conc	17.70				
50+	near ramp			17.16	17.60	F 0.44	
25			16.6	18.19	17.60	C 0.59	
50				20.86	17.30	C 3.56	
75				20.75	17.00	C 3.75	
51+				18.67	16.70	C 1.97	
25			15.6	18.32	16.40	C 1.92	
50				17.75	16.20	C 1.55	
75				15.81	16.00	F 0.19	
52+				16.18	15.80	C 0.38	
25			15.0	16.33	~~16.05~~ 15.60	C 0.73	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. Survey of Survey by Tom M. Map No. Division No. Notes Tom Date Indexed S. D. BAILEY Date MAR 22 1974

F.B. 3841 PG. 23

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Const. Stks for Bike Trail		SH. R.B 4
			± Profile		Grade	C/F	
52+50				16.81	15.64	C 1.17	S&T (5') Rt. edge & East
~~75~~ +58				16.45	15.70	C 0.75	
53+03				16.95	15.72	C 1.23	
25			15.1	16.35	15.75	C 0.60	
50				17.48	15.79	C 1.69	
75				16.55	15.83	C 0.72	
54+				16.23	15.86	C 0.37	
25			15.5	16.07	15.90	C 0.17	
50				15.68	15.70	F 0.02	
75				16.13	15.50	C 0.63	
55+				16.05	15.30	C 0.75	
25			14.6	15.95	15.10	C 0.85	
50				15.66	15.10	C 0.56	
75				16.41	15.10	C 1.31	
56+				16.37	15.10	C 1.27	
25			14.6	15.83	15.10	C 0.73	
56+35.21	∡ PT.	T.P.		15.64	15.10	C 0.54	
50				15.15	15.10	C 0.05	
75				14.97	15.10	F 0.13	
57+				14.49	15.10	F 0.61	
25			14.4	14.43	15.10	F 0.67	

F.B. 384 Pg. 24
Job No. Division No. Notes Red Plotted Profile
Survey of Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date Date No.

76-L298 CE 307 3-61

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Const. Stk's for Bike Trail Sh. R.B. 4

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			℄ Profile				
57+50				14.60	15.22	F0.62	S&T (5') Rt. edge & E
75				14.91	15.34	F0.43	
58+				15.08	15.47	F0.39	
25			15.1	15.21	15.60	F0.39	
50				15.72	15.51	C0.21	
75				15.53	15.42	C0.11	
59 +				15.14	15.33	F0.19	
+ 12.24 ∡ Pt. #14				15.19	15.29	F0.10	
25			14.7	15.27	15.25	C0.02	
50				16.15	15.40	C0.75	
75				16.67	15.55	C1.12	
60 +				15.82	15.70	C0.12	
25			15.3	15.79	15.85	F0.06	
50	T.P.			15.56	15.85	F0.29	
75				15.99	15.85	C0.14	
61 +				15.30	15.85	F0.55	
25			15.3	15.82	15.85	F0.03	
50				15.77	15.90	F0.13	
75				15.98	15.95	C0.03	
62 +				16.17	16.00	C0.17	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3841 Pg. 25
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. Notes Chkd. ____ Checked ____ Survey by Tom M Notes G. D. BAILEY Date 11-73
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date MAR 22 1974

76-L298 CE 307 3-61

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Const. Stks For Bike Trail — Sh. R.B. 5

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	C/F	
			℄ Profile				
62+25			15.5	15.82	16.05	F0.23	S&T (5') Rt. edge & East
50				16.29	16.22	C0.07	
75				16.03	16.40	F0.37	
63+				16.23	16.58	F0.35	
25			16.2	16.70	16.75	F0.05	
+35.82	B.C. #18			16.54	16.58	F0.04	
55.82				16.54	16.26	C0.28	
75.82				16.01	15.94	C0.07	
63+86.38	E.C. #18			15.35	15.77	F0.42	
64+00				15.13	15.55	F0.42	
~~64+15.46~~	~~B.C. #19~~	64+26.95 / 64+26.34	Bk. 14.5 / AH. B.C. 19	14.55	15.10	F0.55	
~~+35.46~~	+46.34			13.94	14.78	F0.84	
~~+55.46~~	+66.34			14.34	14.46	F0.12	
64 ~~+66.10~~ 74.79	E.C. #19			14.09	14.33	F0.24	
~~+75~~	65+01.79	B.C. #20		13.52	13.90	F0.38	S&T (5') & (3')
~~65+~~	65+15	LOCKER	13.9	13.74	13.90	F0.16	(3')
	+21.79						
~~+14.62~~	~~B.C. #20~~ 65+36.2	PL. PIPE	13.69	13.81	14.06	F0.25	"
+34.62		+61.79		13.73	14.22	F0.49	"
+54.62		+81.79		13.80	14.39	F0.59	"
~~65+82.45~~	E.C. #20	65+95.31		13.71	14.50	F0.79	(5') & "

F.B. 3841 Pg. 26 Job No. 9912.02 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trail Date Date No. X-Sec.
Survey by G. D. BAILEY Notes Notes Chkd. Checked
Indexed Date MAR 22 1974 Date No.

76-L296 CE 307 3-61

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Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3841 Pg. 27
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trails
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by Louis M. ____ Notes ____ Date 11-7-73
No. ____ Date ____ Date ____ Map No. ____ Indexed D. BAILEY Date MAR 22 1974

Const. Stks For Bike Trails JH.RB.5

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			℄ Profile				
66+00				14.19		0.56	S℄T (5') RT
25			14.2	~~14.21~~	14.75	F0.~~54~~	
50				14.55 ~~14.63~~	14.81	F0.~~26~~ 18	
66+64.91	ΔPT. #21			15.~~43~~ 41	14.85	0.~~58~~ 56 C0.~~58~~	
75	T.P.			15.48	14.87	C0.61	
67+00				15.94 ~~15.29~~	14.94	C 1.00 C~~4.35~~	
25			14.6	16.06 ~~15.81~~	15.00	C~~4.81~~ 1.06	
50				16.30 ~~17.70~~	15.00	C~~2.70~~ 1.30	
75				15.31	15.00	C0.31	
68+				15.48	15.00	C0.48	
25			14.4	14.51	15.00	F0.49	
50				14.67	15.06	F0.39	
75				14.54	15.13	F0.59	
69+03.24	ΔPT. #22			14.91	15.19	F0.28	
25			14.7	14.59	15.25	F0.66	
50				14.54	15.15	F0.61	
75				14.89	15.05	F0.16	
70+				14.32	14.95	F0.63	
25	T.P.		14.3	14.43	14.85	F0.42	
50				14.28	14.75	F0.47	

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F.B. 3841 Pg. 28 | Job No. 3912.02 Division No. | Notes Red | Plotted | Profile
Survey of | Date | Date | No.
Survey by | Notes | Notes Chkd. | Checked | X-Sec.
Indexed D. BAILEY | Date MAR 22 1974 | Date | Date | No.

Cont. Stks for Bike Trail — Sht. R.B. 5

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			℄ Profile				
70+75				1424	14.65	Fo.41'	Sht 5 (5') Rt. edge ℄ E.
71+				1425	14.55	Fo.30'	
25			13.9	1435	14.45	Fo.10'	
50				1407	14.55	Fo.48'	
75				1430	14.65	Fo.35'	
72+				1420	14.75	Fo.55'	
72+29.28	B.C. # 23		14.3	1447	14.85	Fo.78'	
49.28				1487	14.93	Fo.06'	
69.28				1516	15.01	Co.15'	
89.28				1574	15.09	Co.65'	
73+09.28				1562	15.17	Co.45'	
29.28			14.8	1522	15.25	Fo.03'	
49.28 75	E.C. # 23			1563 ~~1559~~ 1578 ~~1560~~	15.25	Co.38' Co.53'	
~~73+69.07~~	~~E.C. # 23~~				15.25		
74+00				1513	15.25	Fo.12'	
25			14.6	1498	15.25	Fo.27'	
50				1548	15.45	Co.03'	
75				1539	15.65	Fo.26'	
75+				1553	15.85	Fo.32'	
25			15.5	1633	16.05	Co.28'	

76-L-298 CE 307 8-70

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Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chk'd. ____ Checked ____ Survey by ____
Date ____ Date ____ Map No. ____ Index ____ Notes ____ Date ____
C.D. BAILEY Date MAR 22 1974
F. B. 3841 PG. 29

Const. Stks For Bike Trail Sh. RB 6

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			℄ Profile				
75+50				17 37	16.60	Co.77	Set ⑤ Rt. edge ℄
75				16 88	17.15	Fo.27	
76+				17 36	17.70	Fo.34	
+25			176	17 50	18.25	Fo.75	
76+32.34	℄ P.T.	A.H. #24		17 70	18.27	Fo.57	on B. section
76+40.05	" "	B.K. T.P.		17 70	18.27	Fo.57	
76+50				18 39	18.30	Co.09	
76 +70				19 86	18.36	C1.50	
76+81.31	℄ P.T. Cor. Conc.	Blk. Wall					T on Conc Blk Wall
℄ #25	7' LEFT OF ℄		179		18.45		
℄ #26	" "		179		18.55		
℄ #27	" "		182		18.75		
℄ #28	" "		185		18.95		
JOIN	FLOW LINE		1905		Join		
	FLOOR ELV OF EQUIP BLDG.		1830				
T.P.				19.54			
Fd. B.M. S-24				21.81	B.M. S-24 EL. 21.91 MLLW. F.B. 2100-34, 156 A Std. Br. Cap Mon. MKD. "R.E. 2177" Flush with surface		

Notes Ck'd by	Survey of SOUTH BAY BICYCLE TRAIL F. B. 3841 PG. 31
Map No.	JN 9912.02 Tape 122 Std 84 °F
Office Work	Surveyed by R.C. DALE
Checked	Notes RCD Date 11-9-23
Date	Indexed G. D. BAILEY MAR 22 1974

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SOUTH BAY BICYCLE TRAIL

JN 9912.02

NOV. 9, 1923

BRIDGE ABUTMENTS BETWEEN APPROX ℄ STATIONS 351+12.0° & 351+82.00

See SH. E.S. No 4

PARTY

R.C. DALE
M.E. WACKER
W.J. DIETZ
J.D. DARVIS

76F309S CE#310 3-65

F. B. 3841 PG 32

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F.B. 3841 Pg. 33

Profile No. ____ X-Sec. No. ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 9912.02 Division No. ____
Survey of SOUTH BAY BICYCLE TRAIL
Survey by RCD Notes RCD Date 11-9-73
Map No. ____ Index G. D. BAILEY Date MAR 22 1974

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STATION	B.S.	H.I.	F.S.	ELEV.
SOUTH BAY BICYCLE TRAIL				
JN 9912.02				
NOV 9, 1973				
GRADE STAKES FOR BRIDGE ABUTMENTS AT STANDARD OIL PIPELINE. APPROX ℄ STATION 351+47.00				See Sh. E.S. No 4
		PARTY R.C. DALE M.E. WACKER W.J. DIETZ D.J. DARVIS		

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT / FILL		
	2.27	21.98		19.71			ASSUMED ELEV, TOP OF STEEL GIRDER	
TBM			7.06	14.92			TBM ELEV = 14.92 LG BOLT IN 4X6" WOOD GIRDER 15' ± N.W. OF NW COR. OF BRIDGE ABUTMENT "A"	
Assumed El. of 19.71 = 20.48' per pg. 36		LENKER ROD USED		17.05	20.71	F-3.66	SOUTH R.P. SW COR "A"	1X2
				15.97	20.71	F-4.74	WEST R.P. SW. COR "A"	1X2
				20.96	21.00	F.0.04	SOUTH R.P. SE COR "A"	1X2
				20.86	21.00	F-0.14	EAST R.P. SE COR "A"	1X2
				15.93	21.00	F-5.07	EAST R.P. N.E. COR "A"	1X2
				14.50	21.00	F-6.50	NORTH R.P. NE COR "A"	N&T
				14.47	21.00	F-6.53	NORTH R.P. N.W. COR "A"	N&T
				14.40	21.00	F-6.60	WEST R.P. N.W COR "A"	1X2
				15.44	21.00	F-5.56	EAST R.P. S.E. COR "B"	1X2
				15.08	21.00	F-5.92	SOUTH R.P. SE COR "B"	N&T
				15.10	21.00	F-5.90	SOUTH R.P. SW COR. "B"	N&T
				13.35	21.00	F-7.65	WEST R.P. SW COR "B"	1X2
				15.26	20.71	F-5.45	WEST R.P. N.W COR "B"	1X2
				17.21	20.71	F-3.50	NORTH R.P. NW COR B	1X2
				19.86	21.00	F-1.14	NORTH R.P. N.E. COR "B"	1X2
				20.36	21.00	F-0.64	EAST R.P. NE COR "B"	1X2

F.B. 3841 Pg. 34
Job No. 9R.06 Division No. Notes Red Plotted Profile
Survey of SOUTH BAY BICYCLE TRAIL Date Date No.
Survey by R.C.D. Notes R.C. DALE Notes Chkd. Checked X-Sec.
Indexed G.D. BAILEY Date MAR 22 1974 Date Date No.

F. B. 3841 PG. 35

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 9912.02 Division No. ____
Survey of S. BAY BICYCLE TRAIL
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by MAHER Notes MAHER Date Nov 21, 73
Map No. ____ Indexed O. D. BAILEY Date MAR 22 1974

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SOUTH BAY BICYCLE TRAIL

CONST. B.M.'s
FROM STA. 352+00
TO STA. 368+00

CAPITAL PROJECT
NO. 9912.02

STATION	B.S.	H.I.	F.S.	ELEV.

PARTY:
MAHER
TOLLISON
H.B. MITCHELL
H. JACKSON

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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F. B. 3841 PG. 36 | Job No. 9912.02 Division No. | Notes Red | Plotted | Profile
Survey of S. BAY BICYCLE TRAIL | Date | Date | No.
Survey by MANER Notes MAHER | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 27-4 Fd				27.25	Fd BM 27-4 ELv. 27.25 M.L.L.W. FB 2100-167	
	061	27 86			AT STANDARD OIL CO. SALT WATER PUMPING	
TP 1			7 52	20 34	STA. N.E. COR. 0.6' S.W. OF COR. 4' ABOVE	
	609	26 43			GROUND, STD. DISK SET VERT. IN WALL	
TP 2			4 44	21 99	STAMPED "B" 768 - 1945	
	541	27 40				
TP 3			6 50	20 90		
	562	26 52				
TP 4			5 04	21 48		
	565	27 13				
TBM 1			6 65	20 48	SET TBM 1 ELv = SET CHS "□" ON TOP OF 14"	
	663	27 11			"I" BEAM ON N. SIDE OF STD. OIL PIPE LINE	
TBM 2			6 09	21 02	SET TBM 2 ELv = Fd. ½" RE-BAR IN 4'x4' CONC.	
	554	26 56			BLOCK 10' W. OF STD. OIL WIRE FENCE NEAR	
TP 5			5 15	21 41	STA. 352+96	
	448	25 89				
TP 6			3 44	22 45		
	424	26 69				
TP 7			5 97	20 72		

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP7				20 72		
	4 65	25 37				
			4 68	20 69	TBM3 ELV =	SET CHS "□" ON TOP
					OF 2'X5' ROCK 3'± S. OF 4 PT. IN STD OLL	
	7 00	27 69			FENCE + 9.5' W. OF FENCE. NEAR STA 365+90	
			0 46	27 23	BM 27-4	

Profile Notes Red ____ Plotted ____ Job No. 77102 Division No. ____ F. B. 3841 Pg. 37
No. ____ Date ____ Date ____ Survey of S. BAY BICYCLE TRAIL
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MAHER Notes MAHER Date Nov 21, 73
No. ____ Date ____ Date ____ Map No. ____ Indexed D. D. BAILEY Date MAR 22 1974

Profile No. | Notes Red | Plotted | Job No. 9912.02 | Division No. 11 | F.B. 3841 | Pg. 39
Date | Date | Survey of S. BAY BICYCLE TRAIL
X-Sec. No. | Notes Chk'd. | Checked | Survey by MAHER | Notes MAHER | Date Nov 21, 23
Date | Date | Map No. | Indexed D. BAILEY | Date MAR 22 1974

SOUTH BAY BICYCLE TRAIL

CITY OF EL SEGUNDO

CAPITAL PROJECT
NO. 9912.02

"X" SECTIONS
FROM STA. 352+00
TO STA. 368+20

STATION	B.S.	H.I.	F.S.	ELEV.

PARTY:
MAHER
TOLLISON
H.B. MITCHELL
H. JACKSON

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76-L-298 CE 307 8-70

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F. B. 3841 Pg. 40 | Job No. 7112.02 | Division No. 11 | Notes Red | Plotted | Profile
Survey of S. BAY BICYCLE TRAIL | Date | Date | No.
Survey by MINER | Notes MAHER | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date MAR 22 1974 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
352+00				16.8		℄ OF BICYCLE TRAIL
		FENCE + TOP BRK		21.3	LEFT + WEST	11° RIGHT + EAST
		TOP BRK		12.6	112°	
		BOT. BRK		9.0	117°	
		SLOPE		3.0	181°	
352+45	4 PT.			20.9		℄
		FENCE		21.7		11°
		TOP BRK		12 5	110°	
		BOT BRK		9.0	116°	
		SLOPE		3.0	181°	
353+00				20,0		
		FENCE		21.5		8°
		SLOPE		17.2	15°	
		TOP BRK		12 2	108°	
		SLOPE		6 2	140°	
354+00				19 8		
		FENCE		21 4		7°
		BRK		16 4	15°	
		TOP BRK		11 8	100°	
		SLOPE		5 8	145°	

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STATION	B. S.	H. I.	F. S.	ELEV.		
355+00				19 9		℄ OF BICYCLE TRAIL
		FENCE		21 2		8°
		BRK		16 3	LEFT + WEST 15°	RIGHT + EAST
		TOP BRK		11 8	100°	
		SLOPE		5 8	145°	
356+00				19 8		
		FENCE		21 1		9°
		SLOPE		15 2	29°	
		TOP BRK		12 0	120°	
		SLOPE		7 0	155°	
357+00				20 0		
		FENCE		21 1		8.5°
		DOT BRK		15 2	20°	
		BRK		14 7	70°	
		TOP BRK		12 0	120°	
		SLOPE		6 0	155°	
358+00				20 4		
		FENCE		20 8		8°
		TOE		15 5	20°	
		BRK		14 4	65°	
		TOP BRK		11 9	118°	

Profile Notes Red ____ Plotted ____ Job No. 2912 02 Division No. 11 F. B. 3841 Pg. 41
No. ____ Date ____ Date ____ Survey of S. BAY BICYCLE TRAIL
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MAHER Notes MAHER Date Nov 21, 73
No. ____ Date ____ Date ____ Map No. ____ Index C. D. BAILEY Date MAR 28 1974

76-L-298 CE 307 8-70

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F. B. 3841 PG. 42 | Job No. 9912.02 Division No. // Notes Red ____ Plotted ____ Profile ____
Survey of S. BAY BICYCLE TRAIL Date ____ Date ____ No. ____ X-Sec. ____
Survey by MAHER Notes MAHER Notes Chk'd. ____ Checked ____ No. ____
Indexed D. BAILEY Date MAR 22 1976 Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
358+00		SLOPE		59	155°	℄ BICYCLE TRAIL
359+00				211		
		FENCE		216	LEFT + WEST	8± RIGHT + EAST
		TOP BRK		158	66°	
		TOE		168	85°	
		TOP BRK		124	125°	
		SLOPE		64	150°	
360+00				212		
		FENCE		220		8±
		TOP BRK		162	70°	
		TOE		133	85°	
		TOP BRK		118	125°	
		SLOPE		58	160°	
361+00				212		
		FENCE		214		9°
		TOP BRK		156	76°	
		TOE		130	89°	
		TOP BRK		122	130°	
		SLOPE		62	160°	
362+00				204		
		FENCE		214		8±

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Profile Notes Red____ Plotted____ Job No. 29102 Division No. 11
No.____ Date____ Date____ Survey of S. BAY BICYCLE TRAIL
X-Sec. Notes Chk'd.____ Checked____ Survey by MAHER Notes MAHER Date NOV 21, 73
No.____ Date____ Date____ Map No.____ Index G.D. BAILEY Date MAR 22 1974

F. B. 3841 PG. 43

STATION	B. S.	H. I.	F. S.	ELEV.		
362+00		TOE		166	17°	
		TOP BRK		153	77°	
		TOE		125	100°	℄ BICYCLE TRAIL
		TOP BRK		124	135°	
		SLOPE		64	165°	RIGHT + EAST
363+00				200	LEFT + WEST	
		FENCE		206		9⅝
		TOE		165	19°	
		BRK		151	62°	
		BRK		124	100°	
		TOP BRK		123	135°	
		SLOPE		63	165°	
364+00				198		
		FENCE		200		10⅜
		TOE		156	21°	
		TOP BRK		120	135°	
		SLOPE		60	170°	
365+00				195		
		FENCE		198		10¼
		TOE		168	17°	
		TOP BRK		115	135°	

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F. B. 3841 PG. 44 | Job No. 1912.02 Division No. 11 Notes Red Plotted Profile
Survey of S. BAY BICYCLE TRAIL Date Date No.
Survey by MAHER Notes MAHER Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
365		SLOPE		55	175°	
365+80	4 PT			193		℄ OF BYCYCLE TRAIL
FENCE				198		10±
366+00				190	LEFT + WEST	RIGHT + EAST
		FENCE		195		11.9
		SLOPE		168	17°	
		BRK		150	75°	
		TOP BRK		117	143°	
		SLOPE		57	175°	
367+00				180		
		FENCE		185		11.4
		SLOPE		162	16°	
		BRK		139	80°	
		TOP BRK		121	135°	
		SLOPE		60	170°	
368+00				177		
		FENCE		185		11.3
		SLOPE		158	18°	
		BRK		141	83°	
		TOP BRK		118	122°	
		SLOPE		58	162°	

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STATION	B. S.	H. I.	F. S.	ELEV.		
368 + 20				17 4		℄ OF BICYCLE TRAIL
		FENCE		18 2		11'
		SLOPE		15 7	LEFT + WEST 18°	RIGHT + EAST
		BRK		14 0	82°	
		TOP BRK		11 8	122°	
		SLOPE		5 8	162°	

Profile Notes Red ____ Plotted ____ Job No. 9912.02 Division No. 11 F.B. 3841 PG. 45
No. ____ Date ____ Date ____ Survey of S. BAY BICYCLE TRAIL
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MAHER Notes MAHER Date NOV 21, 73
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

Profile	Notes Red	Plotted	Job No. 9912.02	Division No.	F. B. 3841	PG. 47
No.	Date	Date	Survey of So. Bay Bike Trail			
X-Sec.	Notes Chk'd.	Checked	Survey by Tom M.	Notes Tom M.	Date 11-	'73
No.	Date	Date	Map No.	Indexed G. D. BAILEY	Date MAR 22 1974	

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

CONST. STKS SH. E.S. 4 & 5

For

BIKE TRAIL From Sta 352+00 to END

Sta 368+20 ±

S&T's set S'Rt. of East edge of wk.

Mankey
Maher
Tollison
H. B. Mitchell
H. Jackson

STATION	B. S.	H. I.	F. S.	ELEV.

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Const. Stks For Bike Trail SH.E.S. 4&5

T.B.M. 2 EL. 21.02 F.B. 3841-36
a 1/2" Rebar in a 4'x4' Conc. Block 10'W. of Std. oil wire fn. near Bike Trail Sta 352+96

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	
T.B.M. No 2 (Fd)				21.02			
			edge Rd. Profile				
351+82.0	Join Bridge Abutment				21.77		S&T (S') Rt. edge & East
352+00			21.5 L	21.44	21.77	F.0.33	
25				21.67	21.47	C0.20	
352+45	∡ Pt.			21.67'	21.24	C0.43	
+75				21.75	20.89	C0.86	
353+			21.7 -1'	21.74	20.60	C1.14	
25				21.64	20.58	C1.~~14~~ 06	
353+45	∡ Pt.			21.51	20.57	C0.94	
+75				21.63	20.56	C1.07	
354+			21.5 -1'	21.52	20.55	C0.97	
25				21.56	20.54	C1.02'	
50				21.62	20.53	C1.09'	
75				21.60	~~50~~ 20.52	C1.08'	
355+			21.5 -1'	21.56	20.50	C1.06	
25				21.55	20.43	C1.12'	
50 T.P.				21.33'	20.35	C0.98'	
75				21.31	20.28	C1.03	
356+			21.3 -1'	21.24	20.20	C1.04'	

F. B. 3841 PG. 48
Job No. 9912.02 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trail Date Date No.
Survey by Tom M Notes T. Mayka Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date Date No.

76-L-298 CE 307 8-70

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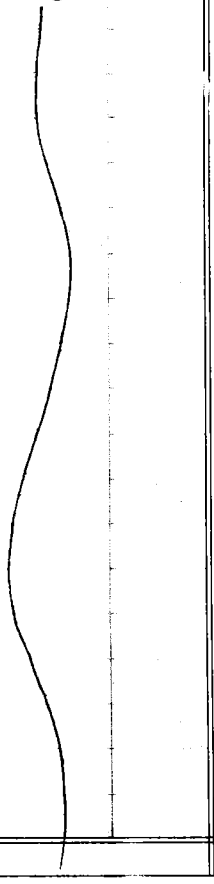
Profile Notes Red ____ Plotted ____ Job No. 9912.07 Division No. ____
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

F. B. 3841 PG. 49

Coust. stks For Bike Trail Sh. E.S. 4 & 5

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			edge Rd Profile				
356+25				20.99	20.12	C0.87	S&T (5') Rt. edge & East
50				20.80	20.05	C0.75	
75				20.99	19.97	C1.02	
757+			20.9 −1'	20.92	19.90	C1.02	
25				20.78	19.90	C0.88	
50				20.81	19.90	C0.91	
75				20.80	19.90	C0.90	
358+			20.8 −1'	20.79	19.90	C0.89	
25				21.14	20.05	C1.09	
50				21.54	20.20	C1.34	
75				21.71	20.35	C1.36	
359+			21.6	21.85	20.50	C1.35	
25				21.95	20.65	C1.30	
50				22.13	20.80	C1.33	
75				22.29	20.95	C1.34	
360+	T.P.		22.1	22.15	21.10	C1.05	
25				21.97	21.00	C0.97	
50				21.95	20.90	C1.05	
75				21.79	20.80	C0.99	
361+			21.6 −1'	21.68	20.70	C0.98	



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F. B. 3841 Pg. 50 Job No 9912.02 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trail Date Date No. X-Sec.
Survey by Notes Notes Chk'd. Checked
Indexed by D. D. BAILEY Date MAR 22 1974 Date Date No.

Const. Stks For Bike Trail Sh. E.S. #4&5

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			edge Rd Profile				
361+25				21.57'	20.60	C0.97	S&T (5') Rt. edge & East
50				21.46'	20.50	C0.96	
75				21.42'	20.40	C1.02	
362+			21.3' -1	21.38'	20.30	C1.08	
25				21.13'	20.14	C0.99	
50				21.11'	19.98	C1.13	
75				20.82'	19.82	C1.00	
363+			20.5'	20.84'	19.65	C1.19	
25				20.75'	19.49'	C1.26	
50				20.49'	19.33	C1.16	
75				20.27	19.16	C1.11	
364+			20.0	20.25	19.00'	C1.25	
25				20.06	19.02	C1.04	
50				20.00'	19.05	C0.95	
75				20.13'	19.07	C1.06	
365+			20.1 -1	20.31	19.10	C1.21	
25				20.21'	19.22	C0.99	
50	T.P.			20.12	19.35	C0.77	
75				20.13'	19.47	C0.66	
365+80	X.O.T.		19.7 -.3	20.06	19.54	C0.52	BK. LN.

76-L-298 CE 307 8-70

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Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes____
No.____ Date____ Date____ Map No.____ Indexed D. BAILEY Date MAR 22 1974

F. B. 3841 PG. 54

STATION	B. S.	H. I.	F. S.	ELEV.	Const. stks for Bike Trail Sh. E.S. #5 GRADE	C/E	
			edge Rd Profile				
366+00			19.8 -.2	19.91	19.60'	C0.31	5' RT ⑤ RT & East
25				19.48'	19.27'	C0.21	
50				19.16'	18.95	C0.21	
75				19.10'	18.62	C0.48	
367+			18.5 -.2	18.61'	18.30	C0.31'	
25				19.20'	18.35	C0.85	
50				19.56'	18.40	C1.16	
75				19.55'	18.45	C1.10'	
368+			18.6' -.1	18.70'	18.50'	C0.20'	
+15				18.44'	18.53	F0.09'	
(End walk at Fn. line Prod W'ly)							
T.P.				19.70	B.M. 27-4 MLLW. EL = 27.25 F.B. 2100-167		
Fd. B.M. 27-4				27.24	at std. Oil Comp. Saltwater Pumping Station, N.E. Cor., 0.6' S.W. of the Cor., 3' above ground. std. disk set Vert. in wall stamped "B"-768, 1948		

Notes Ck'd by	Survey of So Bay Bike Trails	F. B. 3841	Pg. 53
Map No.	JN 9912.02 Tape Std °F		
Office Work	Surveyed by Tom Mankey		
Checked	Notes Tom M. Date 11-30-73		
Date	Indexed G. D. BAILEY MAR 22 1974		

J.N. 9912.02

SOUTH BAY BICYCLE TRAILS

RET. WALL LAYOUT

NORTH & SOUTH SIDES

MANHATTAN BEACH PIER

Mankey
Maher
Tollison
H.B. Mitchell
H. Jackson

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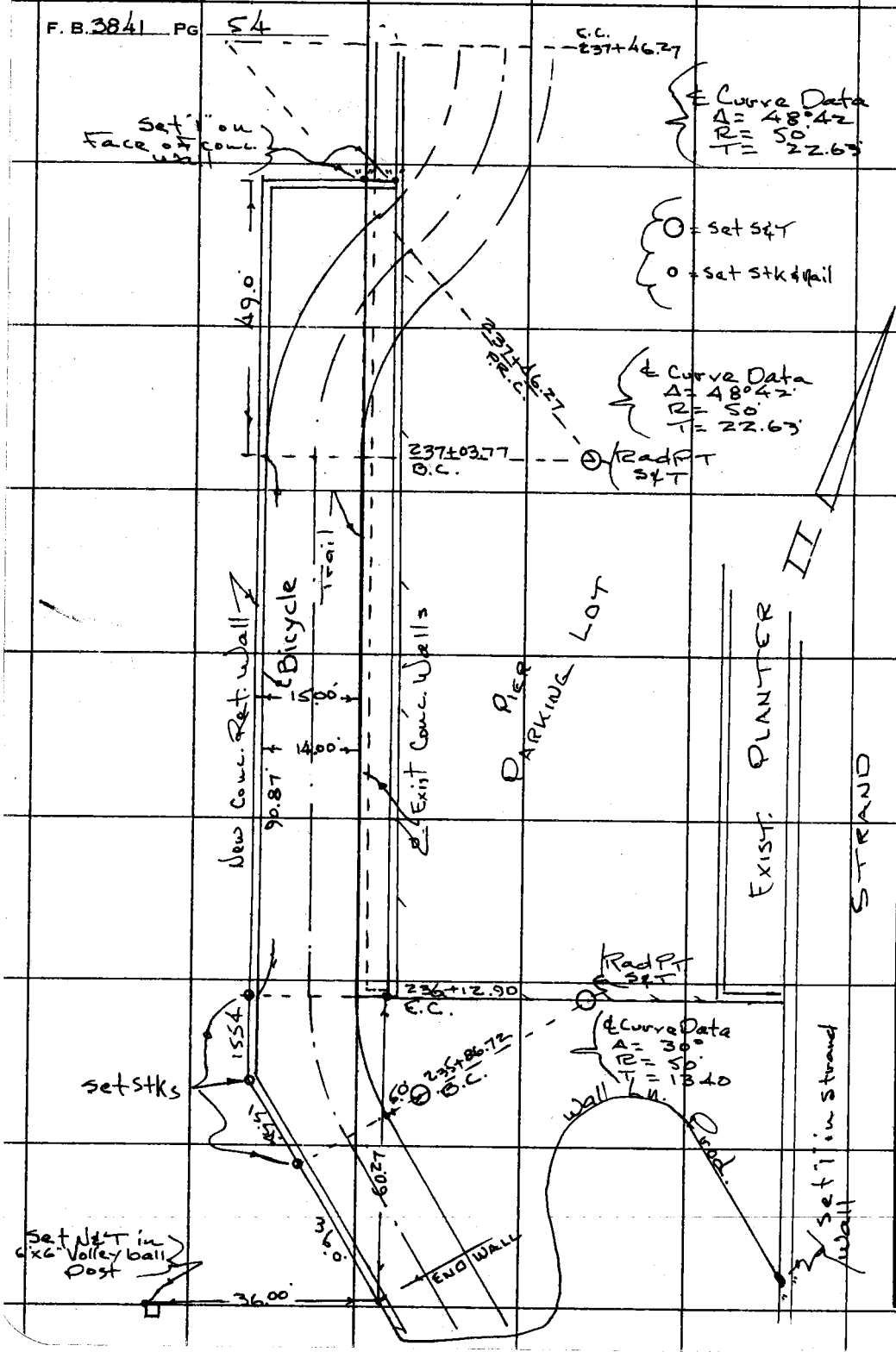
76F309S CE#310 3-69

F. B. 3841 PG 54



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Notes Ck'd by	Survey of So Bay Bike Trail
Map No.	JN 9912.02 Tape Std °F
Office Work	Surveyed by Jon Mankey
Checked	Notes Jon M. Date 12-73
Date	Indexed G. D. BAILEY MAR 22 1974

F. B. 3841 PG. 55

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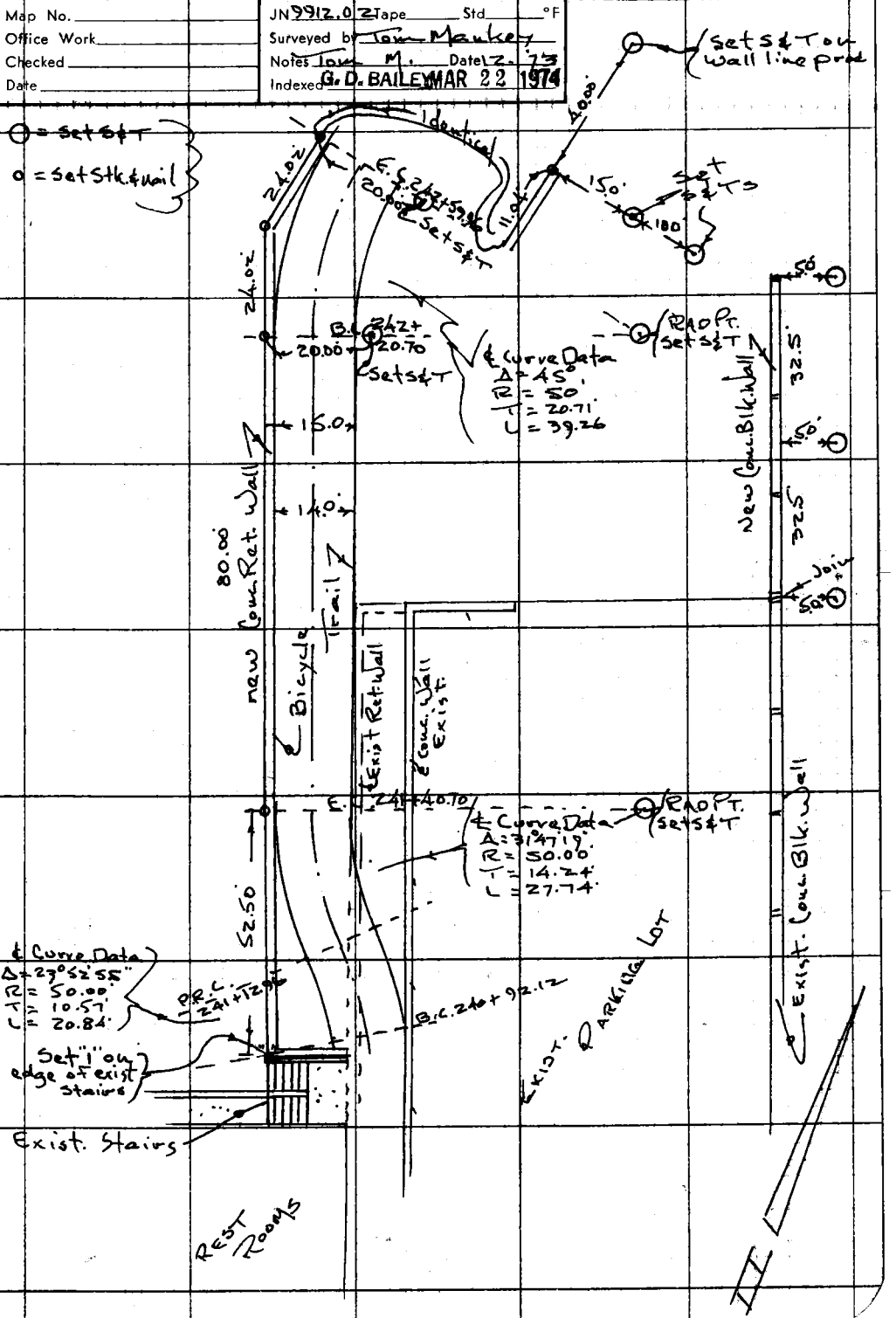

6F309S CE#310 3-69

F. B. 3841 PG. 57

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 9912.02 Division No. ____

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of So. Bay Bike Trail

Survey by Tom M. Notes Jim M. Date 12-3-73

Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

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STATION	B. S.	H. I.	F. S.	ELEV.	
					J.N. 9912.02 SOUTH BAY BICYCLE TRAIL Const T.B.M.s For RET. WALLS AT MANHATTAN BCH. PIER MANKEY MAHER TOLLISON H.B. MITCHELL H. JACKSON

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F. B. 3841 Pg. 58
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ____ Date ____ No. ____ X-Sec.
Survey by ____ Notes ____ Notes Chk'd. ____ Checked ____ No.
Indexed G. D. BAILEY Date MAR 22 1974 Date ____ Date ____

Const. Stks. For Wall at Manhattan Bch. Pier Sh. MB 10

BM 21-28 (Fd) — BM 21-28 - Torrance C-2 - US 3648 Elev: 24.88 FB 2100-165
The Strand + Center St 27' S.Wly From Wly edge of Conc. Sidewalk + 3.7' S.E'ly From ℄ Center St.
C.S. Mon. in H.H. MK'd "Torrance C-2"

STATION	~~B.S.~~	~~H.I.~~	~~F.S.~~	~~ELEV.~~	Sand Profile at Wall Line	Elev.	T.W. Grade	C/F	
Start Wall 235+50.72					20.9	19.92	24.92	F 5.00	"—" Mark on V.B. Post.
℄ PT.					17.3	19.43	24.43	F 5.00	"—" Mark on Cor. of Planter wall
236+25					15.6	19.49	24.49	F 5.00	"—" Mark on Planter Wall
+50					15.3	19.63	24.63	F 5.00	" "
+75					15.6	19.77	24.77	F 5.00	" "
237+03.77					15.7	19.92	24.92	F 5.00	" "
℄ PT.					15.0	20.19	25.19	F 5.00	" "
℄ PT.					17.7	20.25	25.25	F 5.00	" "
241+40.70					17.9	19.92	24.92	F 5.00	" "
+50					17.8	19.86	24.86	F 5.00	" "
+75					18.4	19.70	24.70	F 5.00	" "
242+00					18.1	24.55	24.55	Grade	"—" on N. end of Planter Wall
+20.70					17.5	19.42	24.42	F 5.00	"—" on V.B. Post
℄ PT					17.2	19.27	24.27	F 5.00	" "
242+59.96 End Wall					18.2	21.52	26.52	F 5.00	" "
242+71					19.0	22.55	27.55	F 5.00	" "

F. B. 3841 PG. 59

Profile No. ____ Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____

Date ____ Date ____ Survey of So Bay Bike Trails

X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by Tom Maher Notes Tom M Date 12-73

Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

CONST. STKS Sh. M.B.-2 thru

MANHATTAN BEACH AREA

From

FIRST ST. N'LY TO PIER

Mauka-Y
Maher
Tollison
H. Jackson

STATION	B. S.	H. I.	F. S.	ELEV.

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Bike Trail Const. Sta. M.B. 2

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
B.M. 21-32A (Fd)				13,36	B.M. 21-32A EL=13,356 1970 Adj. Strand & 35th & & Hermosa Ave. in S.W. Cor. of conc Slab of Sewer Pump hse. 65' N. of N. ℄ of 35th St. & 7.5' W. of E. ℄ of Hermosa Strand "Lg. Bt. Spk."		
T.P.				22,73			
		Sand at Wall & Profile					
212+08.15 Join					23.74		"+" 0.0' Rt. in Top of Wall
East edge thru curve #1 stked (5')							
212+40 E.C. #1							
+50				24 49	23.76 23.53	c 0.96	2.50'
+63.43 B.C. #2				24 48	23.77 23.47	c 1.01	2.50 "
83.43				24 44	23.78 23.38	c 1.06	2.50' "
213+03.43	Curve #2			24 39	23.79 23.29	c 1.10	2.50 "
+23.43			23.5' +.3	24 27	23.80 23.20	c 1.07	3.00' "
+43.43				24 22	23.88 23.24	c 0.98	3.50' "
63.43				24 24	23.97 23.28	c 0.96	4.50' "
213+88.59 E.C. #2 P.R.C. to #3				24 30	24.08 23.33	c 0.97	5.50 "
214+08.59 TP				24 34	24.16 23.37	c 0.97	6.00' "
28.59	Curve #3		23.6' +.5	24 45	24.25 23.40	c 1.05	7.00' "
48.59				24 49	24.33 23.46	c 1.03	7.50 "
68.59				24 57	24.42 23.52	c 1.05	8.00 "
88.59				24 67	24.50 23.58	c 1.09	8.00'
215+08.59				24 73	24.59 23.64	c 1.09	8.50' "

F. B. 3841 PG. 60 Job No. 9912.02 Division No. Notes Red Plotted Profile
Survey of Date Date No.
Survey by Notes Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date Date No.

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Bike Trail Const. Stks SH. MB. 2

STATION	B. S.	H. I.	F. S.	ELEV.	Grade		C/F.		
		Profile at Wall							
215+28.59			24.6 +.2	24 81	24.67	23.70	C 1.11	"+" 8.50'	Pt. in top Wall
+48.59				24 95	24.76	23.79	C 1.16	8.00'	"
68.59				25 04	24.84	23.88	C 1.16	8.00'	"
88.59	~~Join Exist Strand?~~			24 28	24.93	23.97	C 0.31	2.50'	" ON CONC. WALL
216+08.59				25 29	25.0	24.06	C 1.23	7.00	"
28.59			24.7 +.4	25 36	25.10	24.15	C 1.21	6.00'	"
216 + 38.91	E.C. #3 P.R.C. to #4			25 40	25.10	24.20	C 1.20	5.50'	"
58.91				25 50	25.10	24.30	C 1.20	4.50'	"
78.91				25 62	25.10	24.40	C 1.22	4.00'	"
98.91				25 65	25.10	24.50	C 1.15	3.50	
217 + 18.91				25 80	25.0	24.60	C 1.20	3.00'	"
38.91			24.9 +.2	25 92	25.10	24.70	C 1.22	~~3.00~~ 2.50'	"
58.91				26 05	25.28	24.81	C 1.24	2.50'	"
78.91				26 12	25.46	24.92	C 1.20	2.50'	"
98.91				26 29	25.64	25.03	C 1.26	3.00'	"
218+ 18.91				26 42	25.82	25.14	C 1.28	3.00'	"
38.91			26.0 +.6	26 49	26.00	25.25	C 1.24	3.50'	"
58.91	T.P.			26 62	26.04	25.37	C 1.25	4.50'	
78.91				26 72	26.08	25.50	C 1.22	5.00'	"
218 + 89.23	E.C. #4 P.R.C. to #5			26 77	26.10	25.56	C 1.21	5.50'	"

Profile Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____ F. B. 3841 Pg. 61
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Tom Mauk Notes Tom M. Date 12-73
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

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Bike Trail Const. Stks — Sh. M.B.-2&3

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
		Sand at Wall # Profile					
219+09.23				26 84	~~26.14~~ 25.68	C 1.16	"+" 6.5' Rt. in Top of wall
29.23			25.8 +.5 x	26 95	~~26.18~~ 25.80	C 1.15	7.0'
49.23				27 00	~~26.22~~ 25.88	C 1.12	7.5'
69.23				27 05	~~26.26~~ 25.96	C 1.09	8.0
89.23				27 11	~~26.30~~ 26.04	C 1.07	8.5'
220+09.23				27 26	~~26.35~~ 26.12	C 1.14	8.5'
29.23			26.0 0.0' x	27 35	~~26.40~~ 26.20	C 1.15	8.5'
49.23				27 40	~~26.45~~ 26.35	C 1.05	8.0
69.23			26.63 Conc. *	27 47	~~26.50'~~ 26.50	C 0.97	8.0
89.23	Access Ramp Area #		~~26.63~~	27 50	26.30	C 1.20	7.5
221+09.23				27 51	26.10	C 1.41	7.0'
29.23			25.6 −1.0 x	27 47	25.90	C 1.57	6.0'
221+39.55 ~~49.23~~	E.C. & P.R.C. #6			27 45	25.80	C 1.65	5.5'
+59.55 ~~69.23~~				27 42	25.60	C 1.82	4.5'
+79.55 ~~89.23~~				27 40	25.40	C 2.00	4.0
+99.55				27 38	25.20	C 2.18	3.5'
222+19.55				27 37	25.00	C 2.37	3.0'
39.55			26.0 −1.2 x	27 33	24.80	C 2.53	3.0'
59.55				27 29	24.86	C 2.45	2.5'
79.55	T.P.			27 28	24.92	C 2.36	2.5'

F. B. 3841 Pg. 62
Job No. 991202 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of So. Bay Bike Trail Date ____ Date ____ No. ____
Survey by Tom M. Notes Tom Mankey Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed G. D. BAILEY Date MAR 22 1974 Date ____ Date ____ No. ____

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Bike Trail Const. Stk's SH. M.B.-3

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F.	
		Sand at wall	Profile				
222+99.55				27 25	24.98	C 2.27	"+" in top conc. Wall 2.5 Rt.
223+19.55				27 17	25.04	C 2.13	3.0 "
+39.55			25.4 -.25 x	27 17	25.10	C 2.07	3.0 "
+59.55				27 15	25.10	C 2.05	3.5
+79.55				27 11	25.10	C 2.01	4.5
223+89.87	E.C.#6 & P.R.C. to #7			27 08	25.10	C 1.98	5.0
224+09.87				27 00	25.10	C 1.90	5.5
29.87			25.4 -.3 x	26 96	25.10	C 1.86	6.0
49.87				26 91	~~25.07~~ 25.03	1.88	6.5
69.87				26 89	~~25.03~~ 24.96	1.93	7.0
89.87				26 92	~~25.00~~ 24.88	2.04	7.0
225+09.87				26 97	~~24.97~~ 24.81	2.16	7.0
29.87			25.1 -.5 x	26 96	~~24.93~~ 24.75	2.21	7.0
49.87				26 97	~~24.90~~ 24.69	2.28	7.0
69.87				26 96	~~24.87~~ 24.62	2.34	7.0
89.87				26 98	~~24.84~~ 24.56	2.42	6.5
226+09.87				27 03	~~24.80~~ 24.50	2.53	6.0
+29.87			25.5 -.9 x	27 07	~~24.77~~ 24.43	2.64	5.5
226+40.19	E.C.#7			27 11	~~24.25~~ 24.40	2.71	5.5

Profile Notes Red ____ Plotted ____ Job No. 991202 Division No. ____
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Tom Manke Notes Tom M. Date '73
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

F.B. 3841 PG. 63

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Bike Trail Const. Stks SH. M.B.- 3

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F		
		Sand at wall Profile						
226 + 50.0				— —	~~24.23~~ 24.37		"+"	RT in Top Conc. Wall
226 + 61.02 ∡PT. #8				27 14	~~24.20~~ 24.33	2.81	5.0	"
+75				27 16	~~24.18~~ 24.28	2.88	5.5	"
227 + 00				27 22	~~24.14~~ 24.20	3.02	6.5	"
25			26.3 -4.5	27 24	24.10	3.14	7.0	"
50				27 28	~~23.87~~ 24.00	3.28	8.0	"
227 + 61.13 BK								
227 + 76.12 AH ∡PT. #9				27 32	~~23.77~~ 23.96	3.36	8.5	"
228 + 00	TP			27 40	23.86	3.54	8.5	"
25			26.2	27 42	23.76	3.66	"	"
+38.72 +46.6	stairs	20.4 M.B.3	1st STEP 23.18					
50	Meet Stair	21.9 M.B.11	2nd STEP 23.70	27 66			"	"
75			27.1	28 07	23.84	4.23	"	"
229+				28 42	23.96	4.46	"	"
25			27.6 -6.0	28 80	24.10	4.70	"	"
50				29 17	24.21	4.96	"	"
75				29 64	24.32	5.32	"	"
230 + 01.00 B.C. #10		℄ Profile		27 60	24.43	3.17	"	" & 1x2 STK (5')
21.00			26.4 -1.8	27 59	24.52	3.07	9.0	" " " "
41.00				27 67	24.61	3.06	10.0	" " " "
61.00				27 83	24.70	3.13	12.5	" " " "
230 + 69.88 E.C. #10				27 87	24.74	3.13	13.5	" " " "

F. B. 3841 PG. 64
Job No. 9912.02 Division No. Notes Red Plotted Profile
Survey of So. Bay Bicycle Trail Date Date No. X-Sec.
Survey by Tom M. Notes Tom Mankey Notes Chk'd. Checked
Indexed G. D. BAILEY Date MAR 22 1974 Date Date No.

76-L-298 CE 307 8-70

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Profile Notes Red____ Plotted____ Job No. 9912.02 Division No.____
No.____ Date____ Date____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd.____ Checked____ Survey by Tom M. Notes Tom M. Date MAR 22 1974
No.____ Date____ Date____ Map No.____ Index C.D. BAILEY Date____

F.B. 3841 PG. 65

Bike Trail Const. Stk.'s SH. M.B- 314

STATION	B. S.	H. I.	F. S.	ELEV.	℄ Profile	Grade	C/F	
						M.S.L.		
230 + 75				27 67		24.76	2.91 ' +	14.5 Rt. ℄ 1"x2" Stk (S) RT in Top Conc. Wall
230 + 88.36 B.C. # 11				27 41		24.82	2.59 '	16.5 " ℄ 1"x2" Stk (S) RT
231 + 08.36				27 15		24.91	2.24 '	19.0 ' " " " "
28.36			25.3 -.3	27 00		25.00	2.00 '	21.0 ' "
48.36				27 18		25.31	1.87 '	21.5 ' "
231 + 57.24 E.C. # 11				27 19		25.45	1.74 '	21.5 ' "
± 75				27 52		25.73	1.79 '	" "
232 +		T.P.		27 70		26.12	1.58 '	" "
25			26.7 0.0	28 10		26.50	1.60 '	" "
50				28 17		26.44	1.73 '	" "
75				28 30		26.38	1.92 '	22.0 ' "
233 +				2810		26.32	1.78 '	" "
25			26.0 0.0	28 20		26.26	1.94 '	" "
50				27 50		26.20	~~1.30~~	" "
75				28 20		26.14	2.06 '	" "
~~233 + 93.8~~ ~~234 + 05~~		START OF WALK		31.11 28.11	M.H.W. Datum	~~29.08~~ ~~26.08~~ 29.02	C 2.07 ' C ~~2.09~~ 1.67	22.5 ' "
25			26.3 0.0	20 69	"	~~26.02~~ 28.96	C ~~2.94~~ 1.61 '	" "
50				30 58	"	~~25.96~~ 28.93	C ~~2.97~~ 1.70 '	" "
234 + 65.4 P.C.								
234 + 75.07 A.A.B.C. # 12				30 72	"	~~26.93~~		
+ 83.75				29 88	"	28.48	C 1.40 '	

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const Stks. Grade	C/E	Sn. M.B. - 4
			℄ Profile				
234 + 92.43				28 84	28.03	C0.71	1"x2" Stk & Tin (5') Rt
235 + 01.11 E.C. #12			24.7 0.0 x	27 63	~~24.90~~ 27.58	C0.05	"
+25	T.P.			27 35	26.33	C 1.42	"
235 + ~~50.7~~ 48.6 Opposite end of Wall				23 97	25.09	F 1.12	"
+73.6					24.87		
B.M. 21-28 (Fd)				24.90	BM. 21-28 MLLW EL = 24.88 The Strand & Manhattan Bch. Blvd (center ST.), 27' From W'ly edge of conc. sidewalk & 3.7' S.E'ly from ℄ Manhattan Bch. Blvd. C.S. Mon. in H.H. Mk'd "Torrance C-2"	F.B. 2100 - 165	S.W'ly

F. B. 3841 PG. 66

Survey of ____ Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey by ____ Notes ____ Date ____ Date ____ No. ____
Indexed G. D. BAILEY Date MAR 22 1974 Notes Chk'd. ____ Checked ____ X-Sec. ____
Date ____ Date ____ No. ____

F. B. 3841 PG. 67

Profile No. ____ Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____
Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by T. Manke Notes by M. Date 12-72
Date ____ Date ____ Map No. ____ Indexed by D. BAILEY Date MAR 23 1973

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

CONST. STKS SH. M.B. - 4, 5, 6, 7, 8, 9

MANHATTAN BEACH AREA

From MANHATTAN BEACH PIER N'ly to EL PORTO BEACH

Manke
Maher
Tallison
H. Jackson

STATION	B. S.	H. I.	F. S.	ELEV.

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stks		SH. M.B. 4 & 5
BM. 21-28 (Fd.)					BM. 21-28 M.H.W. EL. = 24.88		F.B. 2100-165
			℄ Profile		Grade	L/F	
242+59.96 E.C.							
242+~~71.00~~ 69.81	Opposite end of wall		24.75 ← T.W.	25.82	24.92	C 0.90	S&T (S') East edge conc.
242+89.96 B.C.				27.22 ~~27.66~~	26.79	C 1.43	
242+~~03.04~~ 99.77				28.65	26.21	C 2.44	
+ ~~16.12~~ 09.59				28.98	26.63	C 2.35	
243+29.22 BK.	119.40			29.43	27.[illegible]	C 2.38	
243+12.15 Alt.			28.4	30.~~50~~ 34	27.[illegible]	~~C 1.50~~ 2.87	
+25				30.~~46~~ 38	28.02	C ~~1.39~~ 2.36	
50				30.~~64~~ 77	29.09	C ~~1.44~~ 1.68	
75	(START WLK.)			30.94	29.~~33~~	C 1.61	
244+				31.39	29.46	C 1.93	
25			29.0	31.73	29.60	C 2.13	
50				30.91	29.55	C 1.36	
75				30.79	29.50	C 1.29	
245+				30.30	29.45	C 0.85	
25			28.8	30.14	29.40	C 0.74	
50				30.42	29.27	C 1.15	
75				30.70	29.14	C 1.56	

F. B. 3841 PG. 68
Survey of So. Bay Bike Trail
Survey by
Indexed G. D. BAILEY
Job No. 0912-02 Division No.
Notes
Date MAR 22 1974
Notes Red
Date
Notes Chk'd.
Date
Plotted
Date
Checked
Date
Profile
No.
X-Sec.
No.

76-L-298 CE 307 8-70

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Profile Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trails Date 12-73
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Jones, Hankey, Notes G. D. BAILEY Date MAR 22 1974
No. ____ Date ____ Date ____ Map No. ____ Indexed ____

F. B. 3841 Pg. 69

Bike Trail Const. Stk's — Sh. M.B.-5

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F.	
			℄ Profile				
246+00				31.13	29.00'	C 2.13'	S&T (5') E. edge Trail
+15			28.7	———	~~28.4~~	———	
+25	Start Fill		28.4	31.46	28.42'	C 3.04'	"
50			~~27.53~~	27.53	27.85	F 0.32'	"
+65	Ctr. Stair	28.50 Top 2nd stair	27.9	25.33	27.50'	F 2.17'	"
75				25.92	~~27.67~~	F 1.75'	"
247+00				29.83	28.09	C 1.74'	"
+15			27.8	———	———	———	
+25			27.9	29.76	28.50	C 1.26'	"
+55.51	B.C.			30.19	28.88'	C 1.31'	"
70.62				30.30	29.07	C 1.23'	"
247+85.74	P.R.C.		28.8	31.21	29.25	C 1.96'	" + 2.98
				33.R.		~~3.20~~	
+99.95				~~32.55~~	~~29.25~~ 29.35	~~C 3.30~~	S&T
				87.R		~~3.24~~	3.42
248+14.17				~~32.79~~	~~29.25~~ 29.45	C ~~3.54~~	
				85.R.	2960	~~4.30~~	4.25
34.17			28.8	~~33.90~~	~~29.25~~	C ~~4.65~~	
248+56.06	P.R.C.		28.7	32.07	29.28	C 2.79	
76.06			28.7'	31.32	28.99'	C 2.33	
96.06				30.38	29.70	C 1.68	
249+16.06			27.8'	29.49	28.40'	C 1.09	C 1.06'
				~~28.98~~		~~C 1.16~~	
39.84	P.R.C.			~~29.08~~ R	27.92		

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Cong & Stk's Grade	C/F.	SH. M.B.-5
			℄ Profile				
249+59.84				27.~~84~~ .75 R.	27.52'	C ~~0.35~~ 0.23'	S & T (5') E. edge Trail
249+81.73	E.C.			28.58'	27.08	C1.50'	
250+00	CTR REST STOP		26.1'	28.01'	26.70	C1.31	
25				28.24'	26.96	C1.28	
50				27.37'	27.22	C0.15'	
75				28.99'	27.48	C1.51	
251+	T.P.			30.19'	27.74	C2.45'	
25			27.5	30.05	28.00	C2.05	
50				— —			
+52	STR.	Top 2ND step. 30.19	25.7	26 82	28.00	F1.18	
75				29 00	28.00	C1.00	
252+			27.5	28 62	28.00	C0.62	
25			27.4	28 26	28.00	C0.26	
50				27 73	28.22	F0.49	
75				28 21	28.45	F0.24	
253+				29 31	28.67	C0.64	
25			28.3	30 45	28.90	C1.55	
50				30 30	28.78	C1.52	
75				30 76	28.65	C2.11	
254+				29 30	28.52	C0.78	
25	T.P.		27.7	29 07	28.40	C0.67'	

F. B. 3841 PG. 70
Survey of So. Bay Bicycle Trail
Survey by
Indexed R. D. BAILEY
Job No. 9912.02 Division No.
Notes Red Plotted Profile
Date Date No.
Notes Chk'd. Checked X-Sec.
Date Date No.
Date MAR 22 1974

76-L-298 CE 307 8-70

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Profile Notes Red____ Plotted____ Job No. 9912 Division No.____ F. B. 3841 Pg. 71
X-Sec. No.____ Date____ Date____ Survey of So. Bay Bike Trail
Notes Chk'd.____ Checked____ Survey by Lew M. Notes Lew M. Date 12-73
Date____ Date____ Map No.____ Index____ Ed D. BAILEY Date MAR 22 1974

Sht. M-B--5

STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stk's ℄ Profile	Grade	C/F	
254+50				27.57	28.28'	F 0.71	S&T (5) E. edge Trail
75				30.08	28.15	C 1.93	
255+				31.31	28.02	C 3.29	
25			27.3 X	30.33	27.90	C 2.43	
50				27.04	27.~~78~~75	F 0.~~74~~	
75				27.92	27.~~65~~55	C 0.57	
256+		(cut)	27.4	29.59	27.25	C 2.34	
25	STR.	LANDING 27.69	25.5 X	26.20	27.00	F 0.80	
50				26.81'	27.15	F 0.34	
75				27.79	27.30	C 0.49	
257+				28.82	27.50'	C 1.32	
25			27.1 X	26.79'	27.70'	F 0.91	
50		(Fill)		26.34'	27.95'	F 1.61	
75		(light cut)		29.51	27.20'	C 1.31	
258+		(cut)		30.16	28.45'	C 1.71	
25	T.P.		28.2 X	30.~~90~~'	28.70'	C 2.00	
50				30.51'	28.58	C 1.93	
75				29.24'	28.45	C 0.79	
259+				27.25'	29.32	F 1.07	
25			27.6 X	27.90'	28.20	F 0.30	

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stk's Grade	C/F	SH.M.B.-6
			℄ Profile				
259+50				26.95'	28.25	F1.30	S&T (5') E. edge Trail
+75				27.82	28.30	F0.48	
260+				27.85'	28.75	F0.50	
25			27.8' x	28.18'	28.40	F0.22	
50				27.85'	27.96	F0.11	
75				28.19'	27.53	C0.66	
261+				27.10'	27.09	Grade	
+05	Conc.	27.26'	26.9' x	26.83	27.00'	F0.17	
25		cut	27.3'	27.98'	26.92	C1.06	
50				26.73'	26.81	F0.08	
75				27.50'	26.70'	C0.80	
262+				27.18'	26.65'	C0.53'	
25		Fill	26.0 x	26.40'	26.60'	F0.20	
50	T.P.			27.14'	26.55'	C0.59	
75			25.9'	27.09'	26.50'	C0.59	
263+				29.08'	26.29	C2.79	
25			x	26.41	26.08	C0.33	
34	Top landing ~~1st stair~~	Conc. 26.53'	24.6'	25.25	26.00	F0.75	
50				26.65'	26.73'	F0.08	
75		(cut)		29.20	27.86	C1.34	
264+				29.98'	29.00	C0.98'	
25			28.4' x	29.47'	29.00	C0.47'	

F. B. 3841 Pg. 72 Job No. 9912.02 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trail Date Date No.
Survey by Tom M. Notes Tom Mankey Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date Date No.

76-L-298 CE 307 8-70

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Bike Trail Const. Stks SH.M.B.- 6

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F
			℄ Profile			
264 + 50				29.80	28.68'	C 1.12' S&T (5') E. edge Trail
75				~~29.04~~ 30.30'	~~28.40~~ 28.36	C 1.94'
265 +				29.04	~~28.40~~ 28.04	C 1.00'
25				29.14	~~28.80~~ 27.72	C 1.42'
50				29.33'	~~29.35~~ 27.40	C 1.93'
58	edge exist Pav.			27.30'	27.30	Grade
T.P.				27.38'		
T.P.				29.68		
T.P.				30.92		
T.P.				32.32		

T.B.M.-M.B.1 EL. 35.50' F.B. 2100-254
ABt. spk. in lead on W. cb. of the Strand
65' s'ly from ℄ of 28th ST.

(Fd.)
T.B.M. M.B.-1

Profile No. ____ Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
Notes Chk'd. ____ Checked ____ Survey by Tom Manke Notes Tom M. Date 12-73
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

F. B. 3841 PG. 73

Notes Ck'd by	Survey of So. Bay Bike Trail
Map No.	JN 9912.02 Tape Std °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 12-26-73
Date	Indexed G. D. BAILEY MAR 22 1974

F. B. 3841 PG. 75

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

CHANGE Nº 1 TORRANCE

BEACH AREA

SLAB ADDITION & 170'± S'LY

EXTENSION OF BIKE TRAIL

TO SLAB

Mankey
Maher
Tollison
H. Jackson

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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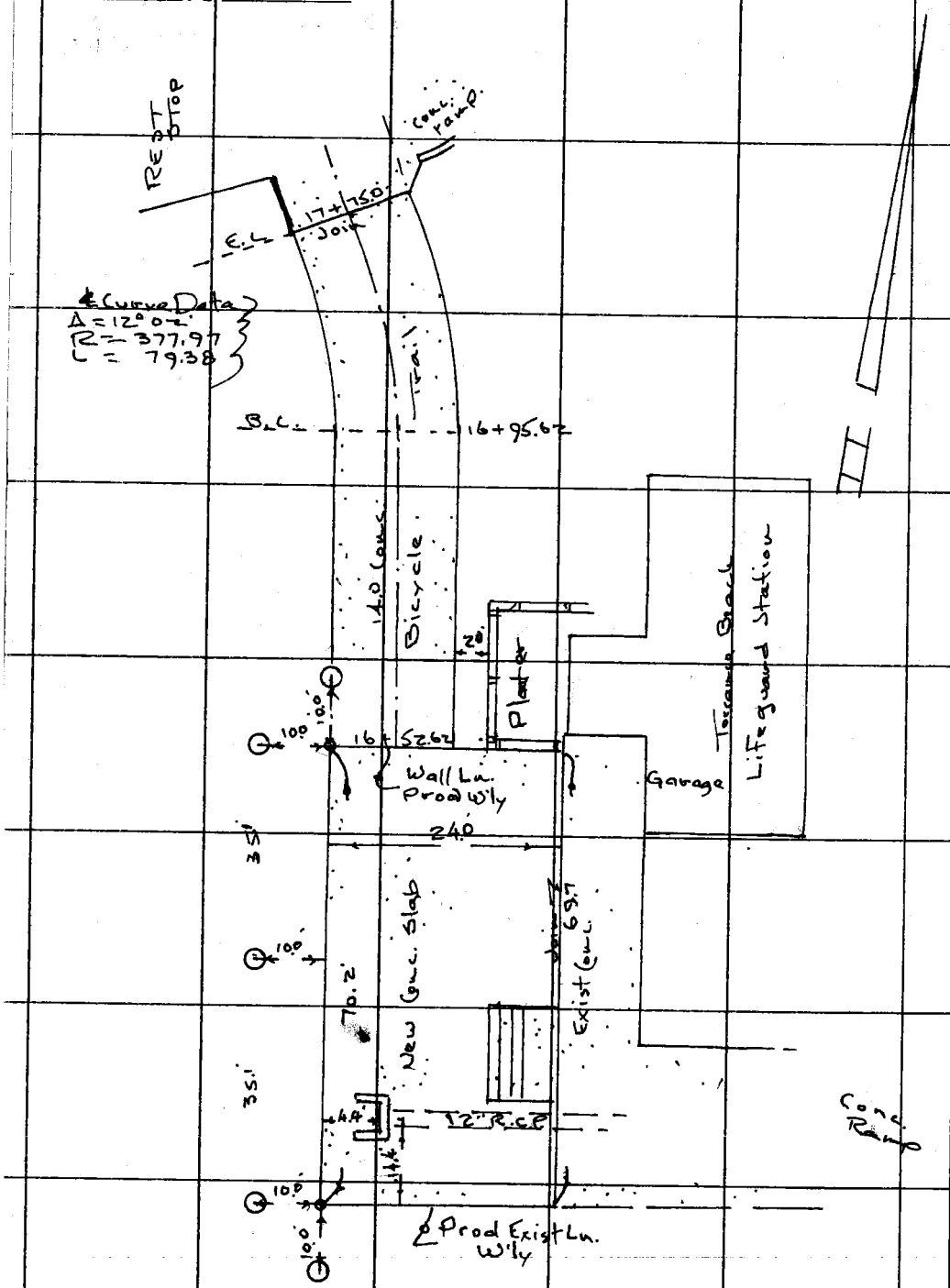
16F309S CE#310 3-69

F. B. 3841 PG 76



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F. B. 3841 PG. 77

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 9912.02 Division No. ____

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____

Survey of So. Bay Bike Trails

Survey by Tom Manke Notes Tom M. Date 12-26-73

Map No. ____ Index D. BAILEY Date MAR 22 1974

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

CHANGE NO 1 TORRANCE BEACH AREA

Bike Trail Extension Grades

&

Slab Addition Grades

Manke
Maker
Tollison
H. Jackson

STATION	B. S.	H. I.	F. S.	ELEV.

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F. B. 3844 PG. 78
Survey of So. Bay Bike Trail
Survey by Tom M. Notes Tom Markey
Indexed D. BAILEY Date MAR 22 1974
Job No. 3912.03 Division No. Notes Red Plotted Profile
Date Date No.
Notes Chk'd. Checked X-Sec.
Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Slab Addition, Change, Torrance Area		
T.B.M. #1 (Fd.)				22.00	T.B.M. #1 M.L.L.W. EL. = 22.00 Dr. Spk. in lead in conc. cb. 3' East of West end of S'ly conc. cb. of Drive to L.A. Co. Lifeguard station F.B. 2100 - 154		
			± Profile		Grade	± / F.	
17 + 75.0	E.C. Join			20.35	20.35 conc.	Join	S & T (5) East edge Trail
17 + 55.62				20.42	20.28	C 0.14	"
+ 35.62			19.6'	20.09	20.20	F 0.11	"
17 + 15.62				20.06	20.20	F 0.14	"
16 + 95.62	B.C.		19.6'	19.55	20.20	F 0.65	"
+ 75.00				21.45	20.79	C 0.66	"
16 + 52.62	Join New slab.				21.42	Join	
N.E. Cor. New slab, join exist			exist Gr.	21.57	21.57		Join exist conc.
NW. Cor. " "			19.8	18.67	21.27	F 2.60	1'x2' S & T (6) West of Cor.
Mid point East edge, join exist			exist Gr.	20.05			Join exist conc.
" " West "			18.6	18.17	20.76	F 2.59	1'x2' S & T (10) West edge
S.E. Cor New slab, join exist				20.95			Join exist conc
S.W. Cor. " "			18.6'	17.57	20.65	F 3.08	1'x2' S & T (10) West of Cor.
INV. on 12" R.C.P.				15.91	INV. direct		
T.B.M. #1				22.00	See above		

F. B. 3841 PG. 79

Profile No. ____ Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____
Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by Tom M. Notes Tom M. Date 12-__-77
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

J.N. 9912.02

SO. BAY BICYCLE TRAIL

CONST. STKS SH. M.B. 6, 7

MANHATTAN BEACH AREA

~~From~~

LIFEGUARD STATION AT 23rd ST.

N'LY

Manker
Maher
Tollison
H. Jackson

STATION	B.S.	H.I.	F.S.	ELEV.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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76-L-298 CE 307 8-70

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Const. Stk's in Man. Bch Area SH.M.B.6,7

T.B.M.-M.B.#1 - EL.=35.30' F.B.2100-254
Bt. spk. in lead on W. Cb. of the strand.
69' s'ly from ℄ of 28th ST.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
T.B.M.#1 Fd				35.30			
				27 86 ~~30 30~~	Floor Elv. of Bldg, N.E. cor.		
			℄ Profile				
269+18.03	E.C.			30 16			S&T (5') East edge Trail
+25			28.4	30 31	29.00	C1.31	
50				30 29	29.13	C1.16	
75				30 64	29.25	C1.39	
270 +				29 70	29.37	C0.33	
25			28.9	30 12	29.50	C0.62	
50	T.P.			29 68	29.20	C0.48	
75				29 98	28.90	C1.08	
271 +				30 17	28.60	C1.57	
16	CTR. STR WAY	1st STEP 28.93	26.9	27 36	28.41	F1.05	
25				28 34	28.30	C0.04	
50			27.4	28 75	28.00	C0.75	
75				28 42	28.07	C0.35	
272+				28 44	28.14	C0.30	
25			27.6	28 87	28.20	C0.67	
50				31 04	28.58	C2.46	

F. B. 3841 Pg. 80
Survey of So. Bay Bike Trail
Survey by Tom M. Notes Tom Mankey
Indexed G. D. BAILEY Date MAR 22 1974
Job No. 9912.02 Division No. Notes Red Date Plotted Date Checked Date
Profile No. X-Sec. No.

76-L-298 CE 307 8-70

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Profile Notes Red ____ Plotted ____ Job No. 9917.22 Division No. ____
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Tom Mauk Notes Tom M. Date 12-73
No. ____ Date ____ Date ____ Map No. ____ Indexed D. BAILEY DMAR 22 1974

F. B. 3841 PG. 81

STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Longit. Stks		St. M.B.-7
			℄ Profile		Grade	℄/F.	
272+75				29 93	28.96'	C 0.97	S℄T ⑤ East edge Trail
273+				30 70	29.35	C 1.35	
25			29 3	32 29	29.20	C 3.09	
+52 ~~50~~		CTR. STR. WAY 1ST STAD 29.86	28.0	29 30	29.00	C 0.30	
75				30 29	29.00	C 1.29	
274+				30 24	29.00	C 1.24	
25			28.4	29 59	29.00	C 1.59	
50				30.35	28.93'	C 1.42	
75				30 02	28.75'	C 1.27	
275+				28 91	28.78'	C 0.13	
25			28.0	28 90	28.70'	C 0.20	
50				31 34	28.70'	C 2.64	
75				30 92	28.70'	C 2.22	
+96.5		CTR STR. T.P. 1ST STEP 31.79		29 99	28.70'	C 1.29	
276+				30 36	28.70	C 1.66	
25			28.1	29 82	28.70	C 1.12	
50				29 55	28.53	C 1.02	
75				28.82	28.36	C 0.46	
277+				28.84	28.19	C 0.65	
25			27.4	28 43	28.02	C 0.41	
50				28 05	27.85	C 0.20	

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stks		SH. M.B. - 7
			℄ Profile		Grade	C/F.	
277+68	CTR. STA. LANDING 27.72				27.72		
277+75				27 25	27.63	F0.38	S&T (S') RT & East
278+00	BK T.P.			27 77	27.31	C0.46	
278+16.50	AH. ∡PT						
25			26.6	27 54	27.20	C0.34	
50				27 80	27.40	C0.40	
75				28 41	27.60	C0.81	
279+00				28 26	27.80	C0.46	
25			27.0	28 84	28.00	C0.84'	
50				28 69	28.75	F0.06	
75				29 98	29.50	C0.48	
280+00				30 04	30.25'	F0.21	
25			30 1	30 10	31.00	F0.90'	
50				33 36	31.25	C2.11	
75			32 4	33 28	31.50	C1.78	
281+00	T.P.			32 32	31.25	C1.07	
25			30 3	30 84	31.00	F0.16'	
50				30 83	30.83	Grade	
75				31 66	30.67	C0.99'	
282+00				31 65	30.51	C1.14'	
25			29 8	30 78	30.35	C0.43'	

F. B. 3841 PG. 82 Job No. 9912.02 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trail Date Date No.
Survey by Tom M. Notes 10 MAR 1972 Notes Chk'd. Checked X-Sec.
Indexed D. D. BAILEY Date MAR 22 1974 Date Date No.

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Bike Trail Const. Stk's Sh. M.B.-7

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			±Profile				
282 +50				31 35	30.19	C 1.16	S&T (S) E. edge Trail
75				31 35	30.02	C 1.33'	
283 +00			~~29 1~~	32 50	29.86	C 2.64	
25			29 1	31 13	29.70'	C 1.43	
+32.5	CTR STR. 1st step 29.75		28 6	28 80	29.75'	F 0.95	
50				32 61	29.87'	C 2.74	
75			30 2	32 85	30.05	C 2.80	
284 +00				31 42	30.22'	C 1.20	
25			29 8	31 50	30.40	C 1.10	
50				30 99	30.40	C 0.59'	
75				31 81	30.40	C 1.41'	
285 +00				31 24	30.40	C 0.84	
25			29 8	32.06 ~~32 28~~	30.40	C 1.66 ~~1.88~~	
50				32.82	29.80'	C 3.02	
+73	CTR STR. 1st STEP 30.46		28 6	29 60	29.20	C 0.40'	
286 +00				32.39' ~~32 28~~	29.65	C 2.74 ~~2.73~~	
25			29 5	31 94	30.10	C 1.84'	
50				31.95 ~~31 17~~	30.10	C 1.85 ~~2.07~~	
75				33 48	30.10	C 3.38'	
287 +00				32 64	30.10	C 2.54'	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 9912.07 Division No. ____ F. B. 3841 PG. 83
X-Sec. No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
Notes Chk'd. ____ Checked ____ Survey by Tom M. Notes Tom M. Date 1-74
Date ____ Date ____ Map No. ____ Index G. D. BAILEY Date MAR 22 1974

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F. B. 3841 Pg. 84
Survey of Sepulveda Bike Trail
Survey by Lowe & Mc Mahon
Indexed D. BAILEY
Job No. 9137.02 Division No. Bike Trail
Notes Red Date Plotted Profile
Notes Chk'd. Date Checked X-Sec.
Date MAR 22 1974 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stks Grade	C/F	SH. M.B-
			℄ Profile				
287 + 25			295	31.94 ~~32.13~~	30.10'	C ~~2.03~~ 1.84	S½T (5) E. Edge Trail
50				31.14 ~~31.08~~	29.96'	C ~~1.18~~ 1.12	
75				29 88	29.83'	C 0.05	
288 + 00				30 27	29.70	C 0.57	
+17.2	CTR STR.		290	29 16	29.60'	F ~~0.56~~ 0.44	SET N. IN CONC. WALK
25				30 49	29.~~77~~ 77'	C 0.72	
50			299	30 96	30.35	C 0.61	
75				30 72	30.30	C 0.42	
289 + 00				30 51	30.25	C 0.26	
25			295	31 19	30.20	C 0.99	
50				32 42	30.15	C 2.27	
75				30 90	30.10	C 0.80	
290 + 00				30 90	30.05	C 0.85	
+25	T.P.		294	31 33	30.00	C 1.33	
~~+53~~ ~~30~~	CTR STR.	1ST STEP 29.74	284	28 57	29.95	F 1.38	
75			292	30 23	29.90'	C 0.33	
291 + 00				30 17	29.96	C 0.21	
25				30 81	30.02	C 0.79	
291 + 34 BK							
291 + 26 AH	℄ PT.			30 60	30.04'	C 0.56	
50				29 91	30.10	F 0.19	

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike trail Const stks		SH. M.B.
		℄ Profile			Grade	c/F	
291 + 75				29 83	30.16	F-0.33 S&T (5)	E. edge of trail
292 +00				29 58	30.23	F-0.65	S&T (5) E. edge Trail
25			29 7	30 37	30.30	C 0.07'	
50				31 46	30.25	C 1.21	
75				32 66	30.20	C 2.46	
+ 95	CTR. STR.	1st STEP 30.02	29 4	29 44	30.16	F 0.72	
293 + 25			29 4	30 07	30.10	F 0.03'	
50				29 70	30.05	F 0.35	
75				30 60	30.00	C 0.60	
294 +00				32 26	29.95	C 2.31	
25			29 3	30 30	29.90	C 0.40	
50				31 02	29.76	C 1.26	
75				30 08	29.62	C 0.46	
295 +00				31 22	29.47	C 1.75	
+30	CTR STR.	Bot of STR. 29.35	28 7	29 00	29.30	F 0.30'	
50	T.P.			29 64	29.51	C 0.13'	
75				29 85	29.77	C 0.08	
296 +00				30 32	30.03	C 0.29'	
25			30 0	30 94	30.30	C 0.64'	
50				32 27	30.40	C 1.87	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of ____
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

F. B. 3841 Pg. 85

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F. B. 3841 Pg. 86 | Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ____ Date ____ No. ____ X-Sec.
Survey by ____ Notes ____ Notes Chk'd. ____ Checked ____
Indexed D. BAILEY Date MAR 22 1974 Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. STKs Grade	C/F	SH. M.B.
℄		℄ Profile					
296+75				3241	30.50	C 1.91	SET ⑤ E. edge trail
297+00				3336	30.60	C 2.76	
25			30.1	3161	30.70	C 0.91	
50				3101	30.14	C 0.87	
+65	CTR. STA.	1ST STA. 30.18	29.1	2995	29.80	C 0.15	
75				3072	29.88	C 0.84	
298+00			29.2	2946	30.09	F 0.63	
+25			29.7	3140	30.30	C 1.10	
50				3010	30.26	F 0.16	
75				3176	30.22	C 1.54	
299+02 B.C.				3066	30.18	C 0.48	
+22.46				3142	30.14	C 1.28	
+42.46			29.5	2981	30.10	F 0.29	
49.58 E.C.				2923	30.06	F 0.83	
75	T.P.			2840	28.01	C 0.39	
300+00				2682	25.99	C 0.83	
18.19 B.C.			24.1	2557	24.50	C 1.07	
28.19				2567	24.00	C 1.67	
38.19				2601	23.50	C 2.54	
48.19				2592	23.30	C 2.62	
58.36 E.C.			23.0	2630	23.10	C 3.20	

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Profile Notes Red ____ Plotted ____ Job No. 3912.02 Division No. ____
No. ____ Date ____ Date ____ Survey of Se. Bay Bike Trail, 7th
X-Sec. Notes Chk'd ____ Checked ____ Survey by Tom M. Notes Maher Date 1-
No. ____ Date ____ Map No. ____ Index D. BAILEY Date MAR 93 1974

F. B. 3811 Pg. 87

STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const Stks. Grade	C/F	SH. MB
		℄ Profile					
300+75				27 18	24.22'	C 2.96 S&T ⑤'	E. edge of Trail
300+97.82 BK							
300+87.64 AH	℄ PT.		25.69'	28 55	26.70	C2.85 S	"
	℄ join conc.		26 92				
	E. edge join conc.		27 54				
	NO. OF 36TH ST. Lifeguard Sta.						
		Profile			Grade	C/F.	
B.C. 303+72.10	Join Exist.	E. edge		19 97	19.97'	Join	S&T ⑤ Exist Conc. Ramp
+49.03				20 90	+9.87 20.12'	C0.78	" "
+65.94		19.77	exist conc.	20 35	20.27	C0.28	Chist"
+82.89				20 49	20.61	F0.12	S&T
303+99.82 P.R.C.				20 89	20.94	F0.05	"
304+13.70			20.6	21 42	21.20	C0.22	"
26.57				26 92	21.20	C5.72	Chist"
304+38.45 E.C.				26 95	21.20	C5.75	"
+50				26 98	21.20	C5.78	"
+72.00 B.C.			20.6	26 98	21.20	C5.78	"
+82.25				26 94	21.25	C5.69	"
+92.49 P.R.C.				21 12	21.30	F0.18	S&T

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stks		SH. M.B.8
			Profile		Grade	C/F.	
305+15.06				21.31	21.40	F0.09	S&T (S') RT & East
+22			conc. slab 21.49				
37.63				21.63	21.51	C0.12	Chis+
305+60.22 E.C.			conc. slab 22.04	22.04	21.63	C0.41	"
+75				21.29	21.70	F0.41	S&T
305+93.08 B.C.				21.63	21.79	F0.16	"
306+13.08				21.93	21.90	C0.03	"
+33.08			21.4	22.20	22.00	C0.20	"
+53.08				22.06	22.00	C0.06	"
306+75.37 E.C. T.P.				22.05	22.00	C0.05	"
+85.48 B.C.				22.16	22.00	C0.16	"
307+00.48			conc. slab 22.20	22.24	22.00	C0.24	Chis+
+15.48				22.41	22.00	C0.41	S&T
307+29.14 E.C.				22.62	22.00	C0.62	"
307+53.34 B.C.				23.02	22.00	C1.02	"
+68.34				23.00	22.00	C1.00	"
+83.34			21.3	23.01	22.00	C1.01	"
+98.34				22.63	21.91	C0.72	"
308+07.92 E.C.				22.43	21.85	C0.58	"
+25			20.0	21.79	21.75	C0.04	"

F. B. 3841 PG. 88
Job No. 9912.04 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trail Date Date No.
Survey by Tom M. Notes Notes Chk'd. Checked X-Sec.
Indexed R. D. BAILEY Date MAR 22 1974 Date Date No.

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Bike Trail Const. Stks SH. M.B. 8

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
			Profile				
308+32	24" C.M.P.	INV. AT CUT OFF	22.0		21.90		
+50			21.1 Conc. slab	21 69	21.82	F 0.23	S&T (5') E. edge of Trail
75			22 02	22 35	22.00	C 0.35	
309+				23 27	22.30	C 0.97	
25				23 49	22.60	C 0.89	
50			22.3	23 80	22.90	C 0.90	
75				24 59	22.71	C 1.88	
309 +99.95 B.K.							
310 +05.60 AH. B.C.				24 41	22.52	C 1.89	
310 +15.60				23 78	22.44	C 1.34	
310 +20+	FLO. AT CUT		22.68		22.40		
+25.60				23 72	22.34	C 0.98	
+32.75	E.L.			22 87	22.26	C 0.61	
310+38	FLO AT CUT		22.50		22.20		
310 +55.53	~~B.C.~~			22 53	21.76	C 0.77	
310+71.29 ~~+65.53~~	B.C.			21 58	21.36	C 0.22	
+84.50			Join Conc. landing 21.03	21 68	21.03	C 0.65	Chis "+"
310 +97.70	E.L.			21 43	21.03	C 0.40	S&T
311 +25				21 33	21.03	C 0.30	
50				21 65	~~21.03~~ 21.23	C 0.42	
75			20.9	22 00	~~21.03~~ 21.43	C 0.57	
312 +				22 09	~~21.05~~ 21.64	C 0.45	
+07		shower?	Conc. slab 22.20		21.70	6" below slab	

Profile Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____ F.B. 3841 Pg. 89
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trails
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Tom Maukey Notes ____ Date 1-74
No. ____ Date ____ Date ____ Map No. ____ Index G.D. BAILEY Date MAR 22 1974

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F. B. 3841 Pg. 90
Job No. 5312.02 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trail Date Date No.
Survey by Louis M. Notes Notes Chk'd. Checked X-Sec.
Indexed D. BAILEY Date MAR 22 1974 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.			
			Profile		Grade	C/E.	
312 + 25				21.66	21.08	C0.58'	S&T (5) E. edge Con. Trail
312 + 44.55 B.C.			conc. landing		+ Shower		
312 + 48.23 Ahd. B.C.		Join	21.10	21.10	21.10	Join	" + " "
+ 61.36				21.31	20.99	C0.32'	S&T
+ 72		Indu. Direct	18" CM.P. 21.13		20.90		
+ 74.49 E.C.				21.45	20.96	C0.50	
313 +			21.0	21.88	21.50	C0.38	
313 + 20.65 BC				26.92			
+ 25			21.1		21.50	C5.42	"+"
+ 35.65							
~~313 + 46.15 B.C.~~				26 90	21.51	C5.39	"+"
+ 50.65				26 88	21.51	C5.37	"+"
+ 65.65		CONC. WALK	21.52	21 72	21.52	Join C0.20	"+"
+ 80.65				21 66	21.21	C0.45	S&T
313 + 90.32 EC				21.01	21.00	Grade	"
314 + 15.07 BC							
314 + 11.31 Ahd. B.C.			19.9	20.37	20.50	F0.13	"
+ 26.31				19.98	20.21	F0.23	"
+ 41.31				19.64	19.92	F0.28	"
+ 56.31				19.40	19.63	F0.23	"
+ 71.31				19.27	19.34	F0.07	"
314 + 78.23 E.C.			18.6	19.13	19.20	F0.07	"
315 + 00				19.23	19.38	F0.15	"
25				19.42	19.59	F0.17	"

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stks		SH. E.P. 1
			℄ Profile		Grade	~~Cyl.~~	
315+50				19.56	19.80	F0.24	S&T (5') E. edge trail
+75			19.4	19.92	20.00	F0.08	"
316+				20.42	20.43	Grade	"
25				20.98	20.87	C0.11	"
50			20.8	22.21	21.30	C0.91 ~~F0.09~~	"+"
75				22.25	21.30	C0.95	"+"
317 +			20.6	21.36	21.30	C0.06	S&T
04.40 BK							
+ 10.27 A.H. B.C.				20.85	21.30	F0.45	"
+ 25.27				20.43	20.86	F0.43	"
+ 40.27				19.79	20.43	F0.64	"
+ 52.80 E.C.				19.16	20.06	F0.90	"
+70 C.M.P.	20.06		19.0 *	19.05	19.56	F0.51	"
318 +				20.60	20.56 ~~21.04~~	C0.04 ~~F0.44~~	"
+25				21.64	21.39 22.27	C0.25 ~~F0.63~~	"
+33			Shower slab	21.68	21.66 ~~22.66~~	GRADE ~~F0.90~~	"
318 +47.70 BK.							
318 + 19.10 A.H. B.C.				23.20	22.15 ~~23.38~~	C1.05 ~~F0.18~~	"
+ 29.10				23.83	23.42 ~~23.33~~	C1.41 ~~C0.50~~	"
+ 39.10				24.12	22.68 ~~23.29~~	C1.44 ~~C0.83~~	"
+ 49.10				24.23	22.95 ~~23.24~~	C1.28 ~~C0.99~~	"
318 + 58.41 E.C.			22.6	27.06	23.20 ✓	C3.86	"+"

Profile Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____ F. B. 3841 PG. 91
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Tom M. Notes ____ Date 1-74
No. ____ Date ____ Date ____ Map No. ____ Index ____ G. D. BAILEY Date MAR 22 1974

76-L-298 CE 307 8-70

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F. B. 3841 PG. 92 | Job No. 9912.02 Division No. | Notes Red | Plotted | Profile
Survey of So. Bay Bike Trail | Date | Date | No.
Survey by Lowe M. | Notes | Notes Chk'd. | Checked | X-Sec.
Indexed D. BAILEY | Date MAR 22 1974 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.			
		℄ Profile			Grade	C/F	
318+75				27 03	23.08	C 3.95	"+"
319+00				27 10	22.90	C 4.20	"
+25				27 10	22.72	C 4.38	"
+50				27 10	22.54	C 4.56	"
+75				27 00	22.36	C 4.64	"
319+92	C.M.P. FLO @	22.54		——	22.24	——	INV – 0.3'
320+00				26 94	22.07	C 4.87	"
320+05 B.C. BK			20.9	26 94	21.97	C 4.97	"
320+04.15 AH				——			
24.15				21 76	21.55	C 0.21	SET
44.15				20 96	21.13	F 0.17	"
320+56.26 P.R.C.				20 52	20.88	F 0.36	"
+76.26				22 28	20.49	"+"	"+" (Join landing)
+96.26				20 ~~27~~ 29	20.38	F 0.11	"
321+08.29 E.C.				20 82	20.32	C 0.50	"
+25				20 72	20.23	C 0.49	"
50				20 61	20.20	C 0.41	"
321+72.10 BK				21 28	20.00	C 1.28	"
321+75.29 B.C. AH			19.5	20 74	21.05	F 0.31	"
95.29				20 10	22.10	F 2.00	"
322+15.29 2' C.M.P.							

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STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stks		SH. E.P. #2
					Grade	C/F.	
322+35.29				21 12	21.32	F 0.20	S&T (S') Rt edge
322+53.93	E.C.		20.0	19 87	20.60	F 0.73	"
+75				20 84	19.73	C 1.11	"
323+00			18.1	19 94	18.70	C 1.24	"
+25				18 63	19.78	F 1.15	"
323 + 35.80B. 323+34.83A	B.C.			18 62	20.25	F 1.63	"
49.83				18 30	20 90	F 2.60	"
64.83				18 64	21.55	F 2.91	"
79.83	T.P.			20 59	22.20	F 1.61	"
323+89.20	E.C.			22 46	22.61	F 0.15	"
324+04	C.M.P.	22.16+1.00	Fn. Profile * -.5	25.20	23.20	C 2.00	"—" on Fn.
324+15	Start A.C. Pav.		24.5	25.68 ~~4.75~~	23.68	C 2.00	
+25				25.72	23.72	"	
50				25.81	23.81	"	
75				25 91	23.91	"	
325+			24.3 -.3 x	26 00	24.00	"	
25				26 00	24.00	"	
50				26 00	24.00	"	
75				26 00	24.00	"	
326+			24.3 -.3 *	26 00	24.00	"	

Profile Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Tom M. Notes ____ Date 1-74
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 22 1974

F.B. 3841 PG. 93

76-L-298 CE 307 8-70

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F. B. 3841 PG. 94 | Job No. | Division No. | Notes Red | Plotted | Profile
Survey of | Date | Date | No.
Survey by G. D. BAILEY | Notes | Notes Chk'd. | Checked | X-Sec.
Indexed | Date MAR 22 1974 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stk's Grade	C/F.	
		Fn. Profile					
326 + 25				25.92	23.92	C 2.00	"—" on Fn. (2.5) Rt & East
50				25.85	23.85	"	
75				25.77	23.77	"	
327 +			24.0 -.3 *	25.70	23.70	"	
25				25.62	23.62	"	
50				25.55	23.55	"	
75				25.47	23.47	"	
328 +			23.3 -.1 *	25.40	23.40	"	
25				25.32	23.32	"	
50				25.25	23.25	"	
75				25.18	23.18	"	
329 +	B.S. 24.68		23.3 -.2 *	25.10	23.10	"	
25				25.20	23.20	"	
50				25.30	23.30	"	
75				25.40	23.40	"	
330 +			23.9 -.3 *	25.50	23.50	"	
25				25.44	23.44	"	
50				25.38	23.38	"	
75				25.31	23.31	"	
331 +			23.5 -.3 *	25.25	23.25	"	

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Bike Trail Const. Stk's JH. E.S. 2

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F.	
			Fn. Ln. Profile				
331 + 25				25 19	23.19	C 2.00	"—" on fn. (25) Rt. & East
50				25 12	23.12	"	
75				25 06	23.06	"	
332 +			23.0 * -.2	25 00	23.00	"	
25				25 00	23.00	"	
50				25 00	23.00	"	
75				25 00	23.00	"	
333 +			23.5 * -.3	25 00	23.00	"	
25				25 00	23.00	"	
50				25 00	23.00	"	
75				25 00	23.00	"	
334 +			23.2 * -.2	25 00	23.00	"	
25	TP. 23.24			24.75	22.75	"	
50				24.50	22.50	"	
75				24.25	22.25	"	
+ 84 ∡ Pt.							
335 +			22.3 * -.4	24.00	22.00	"	
25				23.90	21.90	"	
50				23.80	21.80	"	
75				23.70	21.70	"	
336 +			21.9 * -.2	23.60	21.60	"	

Profile Notes Red ____ Plotted ____ Job No. 9912 02 Division No. ____
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Tom M. Notes ____ Date 1-74
No. ____ Date ____ Date ____ Map No. ____ Index Date MAR 22 1974

F. B. 3841 PG. 95

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F. B. 3841 Pg. 96 | Job No. 2912.02 | Division No. | Notes Red | Plotted | Profile
Survey of | Date | No.
Survey by | Notes | Date | Checked | X-Sec.
Indexed G. D. BAILEY | Date MAR 22 1974 | Notes Chk'd. | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Bike Trail Const. Stks Grade	C/F.	SH. F. S. # 3
		Fn. Ln. Profile					
336+25				23.48	21.48	C 2.00'	— outfn. (2.5) RT & E.
50				23.36	21.36	"	
75				23.24	21.24	"	
337+		21.3' * -.2		23.12	21.12	"	
25				23.00	21.00	"	
50				22.87	20.87	"	
75				22.75	20.75	"	
338+		20.8' * -.2		22.62	20.62	"	
25				22.47	20.47	"	
50				22.31	20.31	"	
+60 ℄ PT. Cor Blk. Bldg. ±							
75				22.15	20.15	"	
339+		20.0' * -.1		22.00	20.00	"	
25				21.90	19.90'	"	
50				21.80	19.80'	"	
75				21.70	19.70'	"	
340+	T.O. 21.08'	19.7 * -.1		21.60	19.60'	"	
25				21.65	19.65'	"	
50				21.70	19.70'	"	
75				21.75	19.75	"	
341+		0.0 *	19.80	21.80'	19.80	"	

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Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of____
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Index C. D. BAILEY Date MAR 22 1974

F. B. 3841 Pg. 97

STATION	B. S.	H. I.	F. S.	ELEV.		
		Fin. Lu. Profile			Grade	C/F
341+ 25				21.85	19.85	C 2.00
50				21.90	19.90	"
75				21.95	19.95	"
342+		+0.0	20.1	22.00	20.00	"
25				22.00	20.00	"
50				"	20.00	"
75				"	20.00	"
343+		+0.0	19.7	"	20.00	"
25				"	20.00	"
50				"	20.00	"
75				"	20.00	"
344+		-0.2	20.2	"	20.00	"
25				22.12	20.12	"
50				22.25	20.25	"
75				22.37	20.37	"
345+		-0.0	20.5	22.50	20.50	"
25	T.P. 20.46			22.57	20.57	"
50				22.65	20.65	"
75				22.72	20.72	"
346+		-0.0	20.8	22.80	20.80	"

"—" outfn. (25) Rt. & East

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F. B. 3841 Pg. 98 | Job No. | Division No. | Notes Red | Plotted | Profile
Survey of | Date | Date | No.
Survey by | Notes | Notes Chk'd. | Checked | X-Sec.
Indexed D. BAILEY | Date MAR 22 1974 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		C/F.	
		Fin. Lu	Profile		Grade		
346 + 25				22.72	20.72	C 2.00'	"—" (2.5) Rt. of.
50				22.65	20.65	"	
75				22.58	20.58	"	
347 +		-0.1	20.2	22.50	20.50	"	
25				22.40	20.40	"	
50				22.30	20.30	"	
75				22.20	20.20	"	
348 +		-0.2	20.30	22.10	20.10	"	
25				22.00	20.00	"	
50				21.90	19.90	"	
75				21.80	19.80	"	
349 +		-0.2	19.9	21.70	19.70	"	
25				21.70	19.70	"	
50				21.70	19.70	"	
75				21.70	19.70	"	
350 +	HP 19.05	-0.7	20.4	21.70	19.70	"	
25				22.14	20.14	"	
50				22.58	20.58	"	
75				23.02	21.02	"	
351 + 13	Bridge Abutment		21.68		21.68		

T.B.M. 1 (Ed.) 20.50 T.B.M. EL.: 20.48' F.B. 3841 ~ 36 a chis. □ on top of 14" I Beam on No. side of std. oil pipe line sign p

Profile No.	Notes Red Date	Plotted Date	Job No. 9912.02	Division No.
X-Sec. No.	Notes Chk'd. Date	Checked Date	Survey of So. Bay Bike Trails Survey by Tom M. Notes Tom M. Date 12-5-73 Map No. Indexed G. D. BAILEY Date MAR 22 1974	

F. B. 3841 PG. 99

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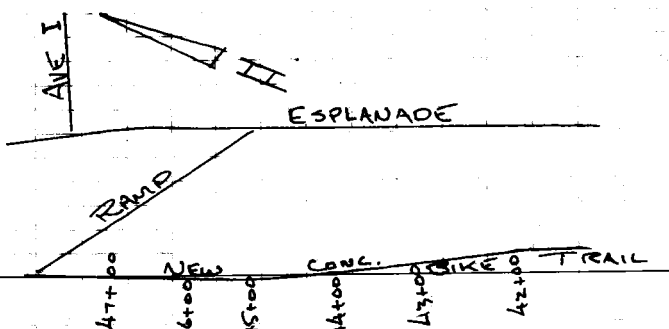
STATION	B. S.	H. I.	F. S.	ELEV.

J.N. 9912.02

So. Bay Bicycle Trail

Stability Check
For
Portion of New Walk in Redondo Bch. Area

Construction Sh. R.B. 3



Markey
Maher
Tollison
H. B. Mitchell
H. Jackson

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STATION	B. S.	H. I.	F. S.	ELEV.	Stability Check	Redondo Bch Area
9:45 A.M. 12-5-73 Tide outgoing = +2.3' high						
T.B.M. #2	0.290'	21.607'		21.317	T.B.M. #2 M.L.L.W. EL = 21.317' L+T in walk of men's Latrine and 4' from conc. wall	F.B. 2100 - 155 2½' in from So. edge
T.P. (48+12.65 old (5) stk)			4.255'	17.352	1"x2" stk & Tin (5) sta. 48+12.65 per F.B. 3841-23 EL = 17.36'	
	2.082'	19.434				
47+00			3.283'	16.151'	Painted "+" 0.5 W. of E. edge conc. Trail	
"			3.289'	16.145	West " " "	
46+00			3.173'	16.261	" " " W. of E. " " "	
"			3.201'	16.233	W. ~~of~~ " " "	
45+00			3.290'	16.144	" " 0.5 " of E. " " "	
"			3.351'	16.083'	W. " " "	
44+00			3.107'	16.327	" " " " " " " " "	
"			3.188'	16.246	" " " "	
T.P. (44+00 old (5) stk)	3.624'	20.106	2.952'	16.482	1"x2" stk & Tin (5) sta. 44+00 per F.B. 3841-22 EL = 16.50	
43+00			3.880'	16.226	" " " " " " " " "	
"			3.939'	16.167	" " " "	
42+00			4.168'	15.938	" " " " " " " " "	
"			4.206'	15.900	" " " "	
T.P.	3.213	20.328'	2.991	17.115		
T.P.	3.678	21.494	2.512	17.816		
T.B.M. #2			0.188	21.306	(See Above)	

F.B. 3841 Pg. 100
Survey of So. Bay Bike Trail Job No. 9912.02 Division No. Notes Red Plotted Profile
Survey by Tom M. Notes Tom Mantsey Date Date No. X-Sec.
Indexed R. D. BAILEY Date MAR 22 1974 Notes Chk'd. Checked Date No.

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Profile Notes Red____ Plotted____ Job No. 9202 Division No.____ F. B. 3841 PG. 101
No.____ Date____ Date____ Survey of So. Bay Bike Trail
X-Sec. Notes Chk'd.____ Checked____ Survey by Tom Manley Notes Tom M. Date 12-5-73 P.M.
No.____ Date____ Date____ Map No.____ Index G. D. BAILEY Date MAR 29 1974

STATION	B. S.	H. I.	F. S.	ELEV.	Stability Check Redondo Beach Area
3:00 P.M.		12-5-73	Tide coming in	Height +2.1'	
					T.B.M.#2 M.L.L.W.EL.=21.317' F.B. 2100 - 155
					Lit in walk of mans Latrine 2½' in from So. edge
T.B.M.#2	0.673	21.990		21.317	and 4' from conc. wall
T.P.	1.950	19.697	4.243	17.747	
47+00			3.535	16.162	Painted + 0.5 W. of E. edge conc trail
"			3.560	16.137	" " " " " "
46+00			3.441	16.256	" " " " " " " "
"			3.469	16.228	" " " " " "
45+00 T.P.			3.561	16.136	" " " " " " " "
"			3.617	16.080	" " " "
T.P.	4.234	20.370	3.561	16.136	
44+00			4.048	16.322	" " " " " " " "
"			4.128	16.242	" " " "
43+00			4.135	16.235	" " " " " " " "
"			4.192	16.178	" " " "
42+00			4.422	15.948	" " " " " " " "
"			4.461	15.909	" " " "
T.P.	4.748	20.996	4.123	16.241	
T.P.	3.957	21.418	3.534	17.461	
T.B.M.#2			0.102	21.316	(See Above)

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STATION	B. S.	H. I.	F. S.	ELEV.	Stability Check Redondo Area	
	9:00 A.M.		12-10-'73		Tide outgoing +7.0'	
T.B.M. #2	1.327	22.644		21.317	T.B.M. #2 MLLW EL = 21.317' L&T in walk of man's latrine & 4' from conc. wall	F.B. 2100-155 2½' in from so. edge
T.P.	3.573	20.579	5.638	17.006		
47+00			4.427	16.152	Painted "+" 0.5' W. of E. edge conc. trail	
"			4.431	16.148	"	" " "
46+00			4.320	16.259	" " " " "	" " " "
"			4.346	16.233	"	" " "
45+00			4.443	16.136	" " " " "	" " " "
"			4.491	16.088	"	" " "
44+00			4.258	16.321	" " " "	
"			4.336	16.243	"	" " "
43+00			4.342	16.237	" " " " "	" " " "
"			4.389	16.190	"	" " "
42+00			4.630	15.949	" " " " "	" " " "
"			4.668	15.911	"	" " "
T.P.	5.670	22.670	3.579	17.000		
T.B.M. #2			1.352	21.318	(See Above)	

F. B. 3841 Pg. 102
Job No. 991202 Division No. Notes Red Plotted Profile
Survey of So. Bay Bike Trail Date Date No.
Survey by Tom M. Notes Tom Mankey Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date MAR 22 1974 Date Date No.

76-L-298 CE 307 8-70

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Profile Notes Red ____ Plotted ____ Job No. 9912.02 Division No. ____
No. ____ Date ____ Date ____ Survey of So. Bay Bike Trail
No. X-Sec. Notes Chk'd. ____ Checked ____ Survey by Tom M. Notes Tom M. Date 12-10-73
No. ____ Date ____ Date ____ Map No. ____ Index D. BAILEY Date MAR 22 1974

F. B. 3841 PG. 103

STATION	B. S.	H. I.	F. S.	ELEV.	Stability Check Redondo Area
		2:45 P.M.	12-10-73		outgoing tide −0.8'
T.B.M.#2	1.292	22.609		21.317	T.B.M.#2 MLLW EL.= 21.317 F.B. 2100-155 L&T in walk of men's latrine 2½' in from So. edge #4 from Conc. Wall
T.P.	3.383	20.443	5.549	17.060	
47+00			4.291	16.152	Painted "+" 0.5' W. of E. edge Conc. Trail
"			4.295	16.148	" " " " " " " " "
46+00			4.181	16.262	" " " " " " " " "
"			4.206	16.237	" " " " " " " " "
45+00			4.303	16.140	" " " " " " " " "
"			4.348	16.095	" " " " " " " " "
44+00			4.117	16.326	" " " " " " " " "
"			4.195	16.248	" " " " " " " " "
43+00			4.204	16.239	" " " " " " " " "
"			4.252	16.191	" " " " " " " " "
42+00			4.492	15.951	" " " " " " " " "
"			4.532	15.911	" " " " " " " " "
T.P.	5.691	22.475	3.659	16.784	
T.B.M.#2			1.158	21.317	(See Above)

F. B. 3841 PG. 105

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 991202 Division No. ____

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of So Bay Bike Trail

Survey by Tom Markey Notes Tom M. Date 12-73

Map No. ____ Indexed D. BAILEY Date MAR 22 1974

991202

SOUTH BAY BICYCLE TRAIL

LOC. IMP., INV. & PROFILE

IN

EL PORTO BEACH AREA

Near

45TH ST.

Markey
Tollison
H. Jackson

STATION	B. S.	H. I.	F. S.	ELEV.

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76-L-298 CE 307 8-70

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F. B. 3841 Pg. 106
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed D. BAILEY Date MAR 22 1974 Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Profile & Inv. EL. PORTO BCH.
B.M. 5-2 (Fd.)				29.13'	B.M. 5-2 M.L.L.W. EL. = 29.13' F.B. 2100 -13, 20Z A Spk., W. & Tin Fl. with Surface 60'± N'ly of 39TH ST. & 12'± W'ly from the E'ly edge of parking lot.
T.P.				27.58	T.P. M.L.L.W. EL = 27.58' F.B. 3841- Parking Lot & 41ST ST. (N. & Prod W.) L & T in W. Cb. parking lot
T.P.				27.62'	
T.P. Set				23.45	T.P. M.L.L.W. EL = 23.45 ☒" in so. end of middle stair of Stairs to Bch. near No. end Parking Lot, Between 44th & 45th ST.'s F.B. 3841 -
					Lt. & W. ℄ Bike Trail Rt. & E.
321+75.29	B.C.			19.6'	℄
322+14.6	M.O.C.			19.3'	℄
322+17±	Radial Inv. 24" C.M.P.			20.43'	℄ 22' Inv.
322+53.83				20.0'	℄
323+34.83	B.C.			17.4'	℄
T.P.				18.77'	℄
323+89.2	E.C.			21.2'	℄
324+00	±℄			21.59'	℄ Top C.M.P.
324+00	Inv. 24" C.M.P.			18.82'	8' Lt. Inv.
T.P.				23.45'	
T.P.				27.58'	
BM-5-2 (Fd.)				29.12	B.M. 5-2 (See Above)

Notes Ck'd by	Survey of So. Bay Bike Trail
Map No.	JN 9912.02 Tape Std °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 1-9-74
Date	Indexed G. D. BAILEY MAR 22 1974

F. B. 384 | PG. 107

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

AS BUILT

IN MANHATTAN BEACH AREA

From

STA. 212+08.15 to STA. 218+89.23

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76F309S CE#310 3-69

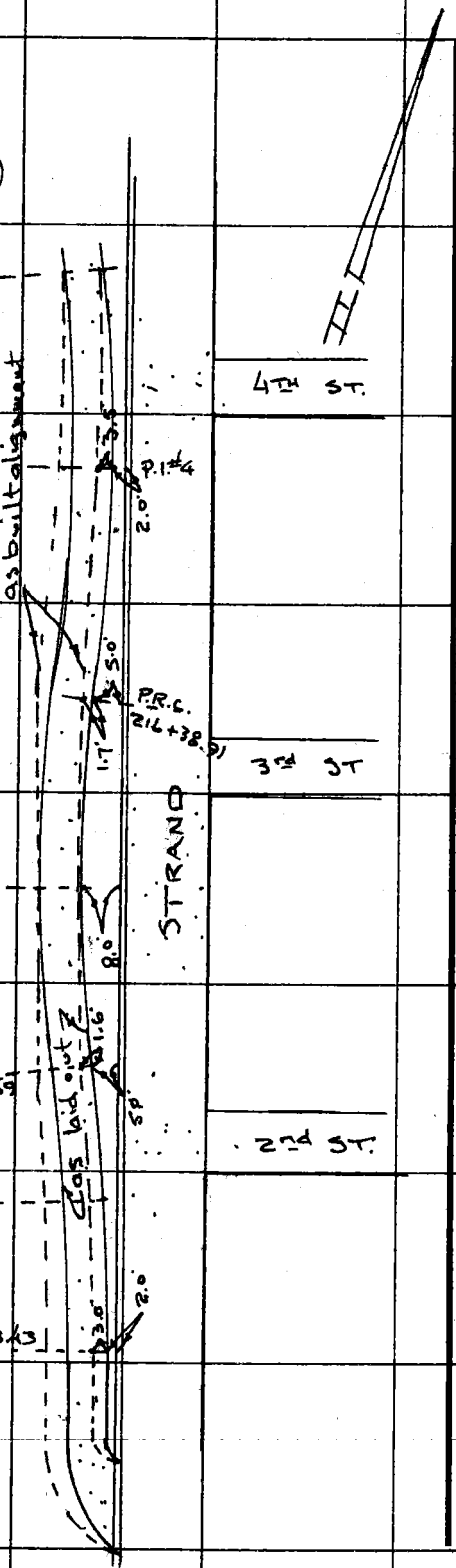
F. B. 3841 PG 108

= As built due to exist field conditions

Walk as laid out during 12-73 by E.T.M. Jr.

1. 4TH ST. Telephone pole in sand 3' from Edge of Strand.
2. 3rd ST. Rest area built into Beach area 5' 8".
3. Increased Transition To fit Strand & for safety of riders.

Robert A. Moore
1-10-74



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Notes Ck'd by	Survey of So. Bay Bike Trail	F. B. 384 Pg. 109
Map No.	JN 9912.02 Tape 197 Std °F	
Office Work	Surveyed by Tom Mankey	
Checked	Notes Tom M. Date 1-16-74	
Date	Indexed D. BAILEY MAR 22 1974	

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

PERPETUATION

OF

FOUND SURVEY PT'S IN

EL SEGUNDO BCH AREA

ADJACENT TO EDISON PLANT

Mankey
Maher
Tollison
H. Jackson

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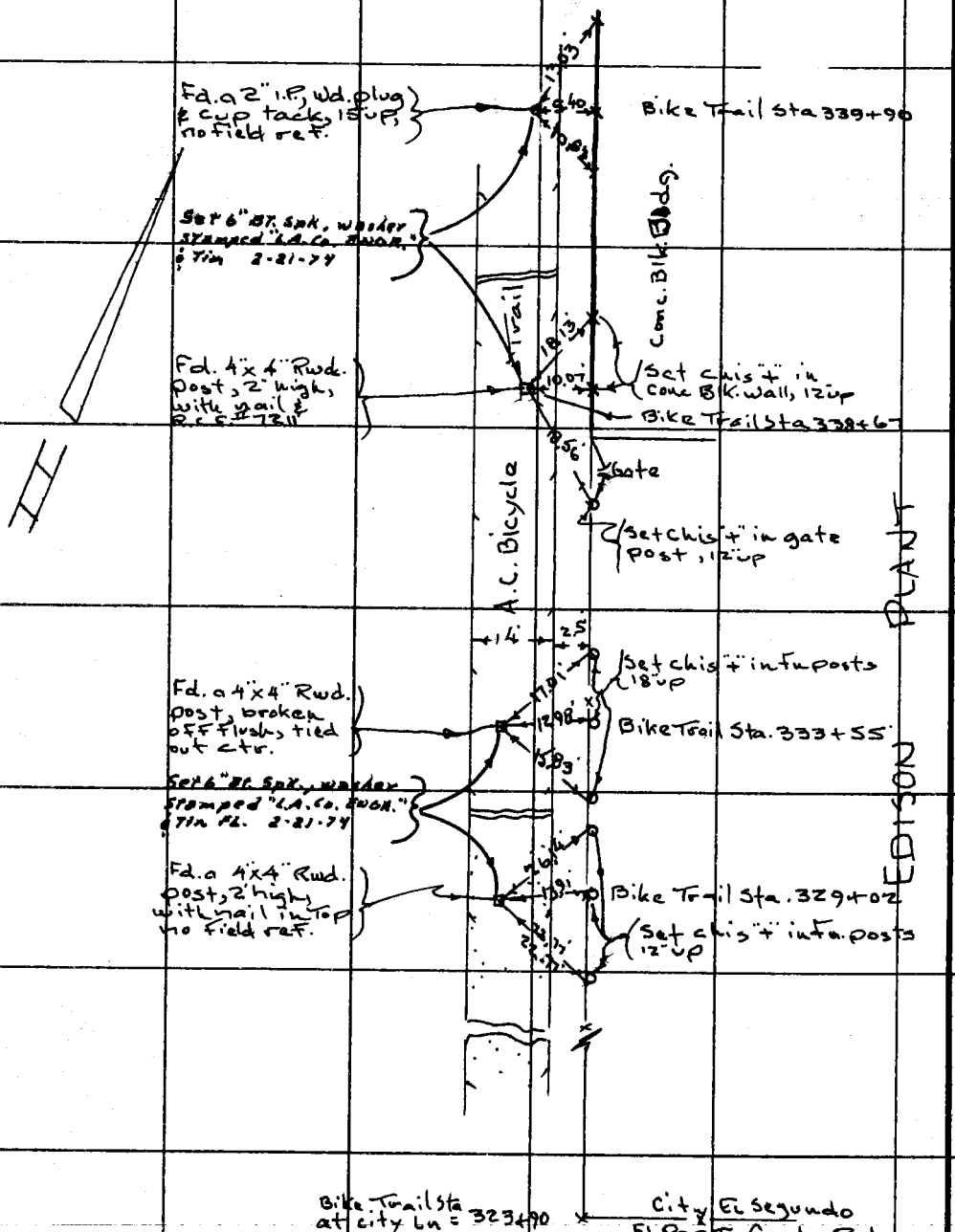
F. B. 3841 PG 110



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W.S. 23-C-647

Notes Ck'd by C. TOY	Survey of Normandie Ave.	F. B. 3841 Pg. 125
Map No. B-5305	JN 008649 Tape 04 Std 68 °F	
Office Work B GOINS	Surveyed by English	
Checked C. TOY	Notes Ed. Date 11-76	
Date 2-23-77	Indexed T. M. PALMIERI	

NORMANDIE AVE. BIKEWAY

J.N. 0086.49

Proposed Alignment
From: Lomita Blvd.
To: 243rd St.

Nov. 10, 1976
English
Caro
Stroud
Bradley

Ref:
CSB-2938.

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76F309S CE#310 3-69

F. B. 3841 PG 126

INDEX MAP

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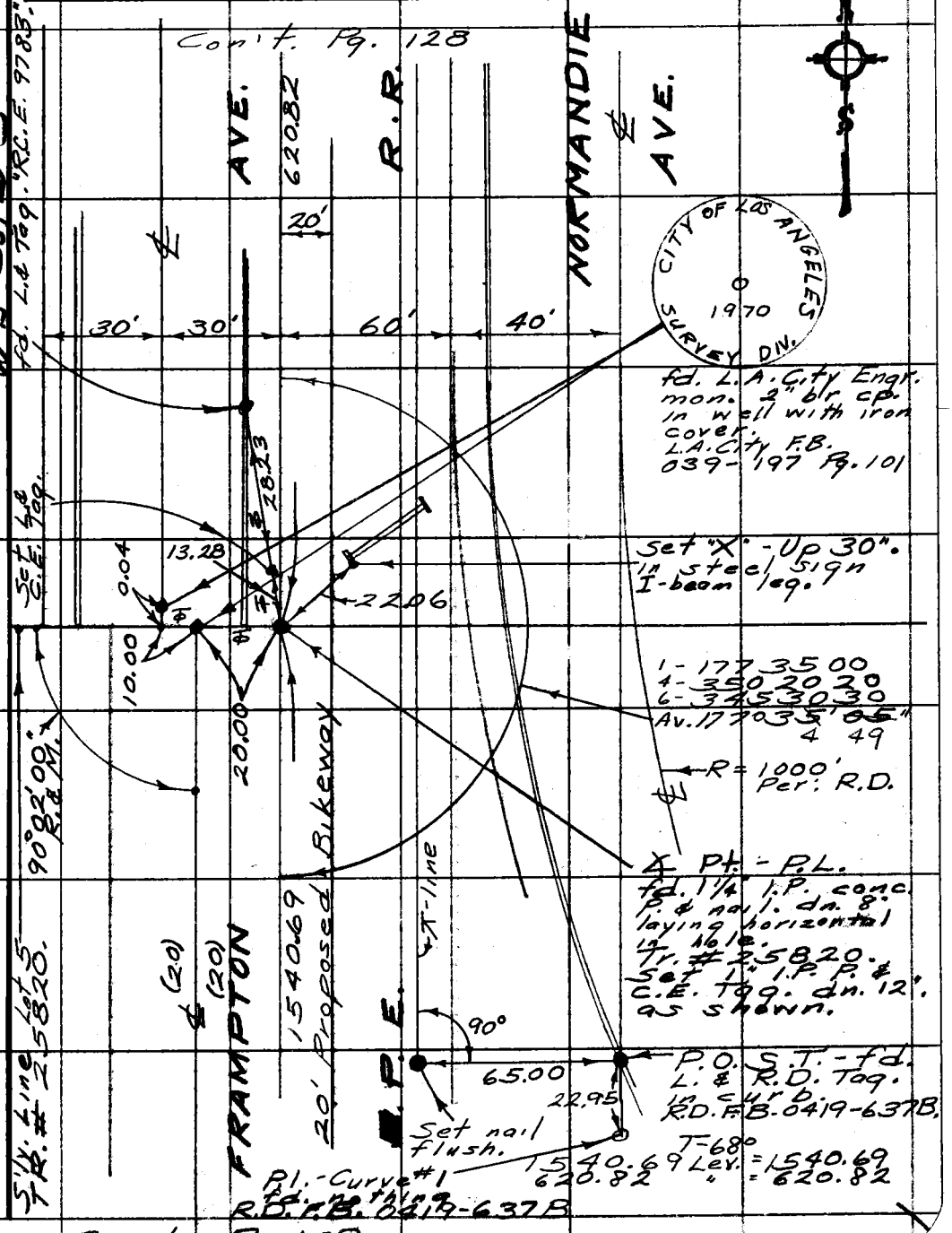
Notes Ck'd by C. TOY	Survey of Normandie Ave
Map No. B-5305	JN 008649 Tape 04 Std 68 °F
Office Work B. GOINS	Surveyed by English
Checked C. TOY	Notes Ed. Date 11-76
Date 2-23-77	Indexed T. M. PALMER

F. B. 3841 PG. 127



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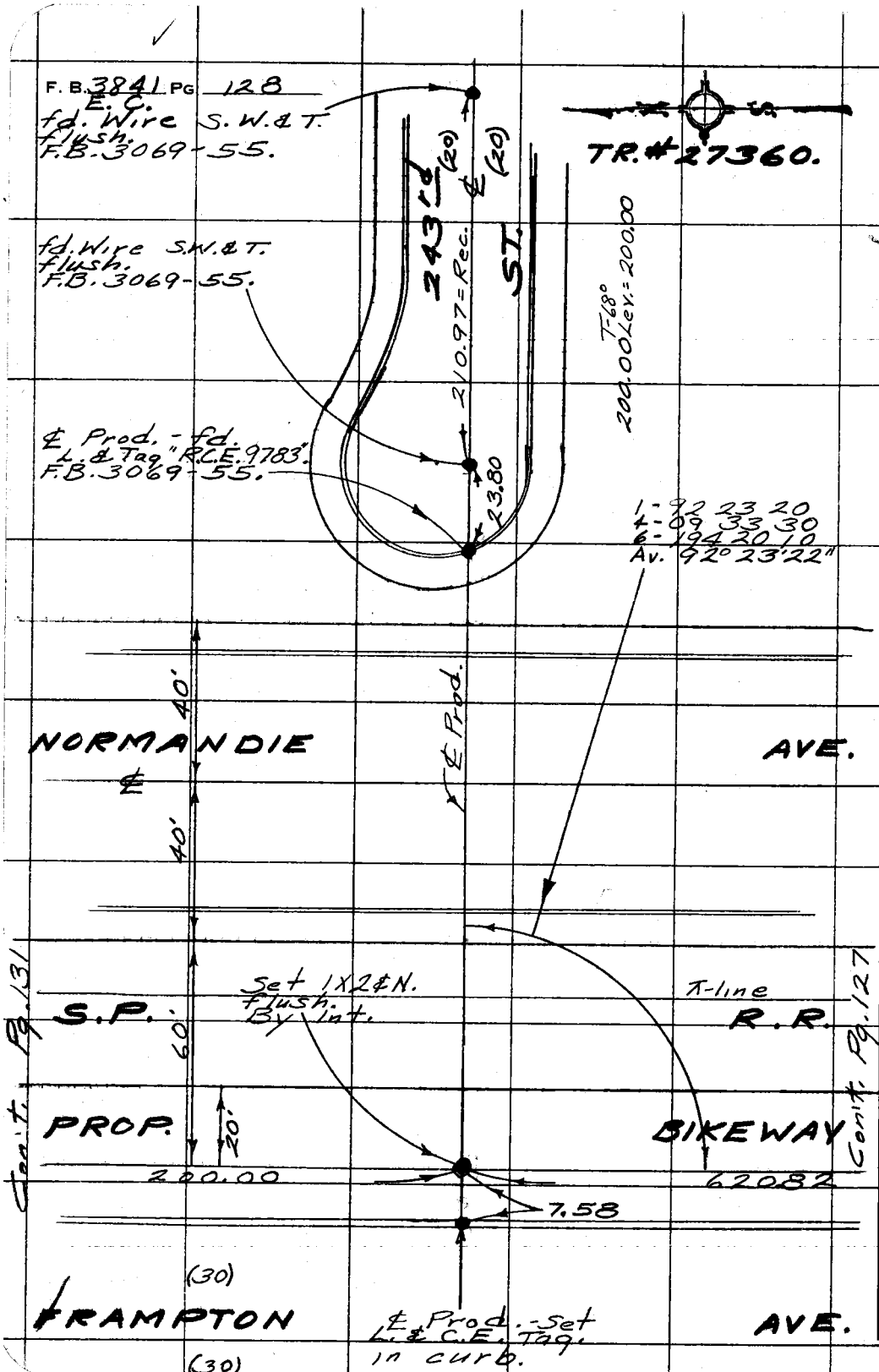
76F309S CE#310 3-69



MS 28 B-2

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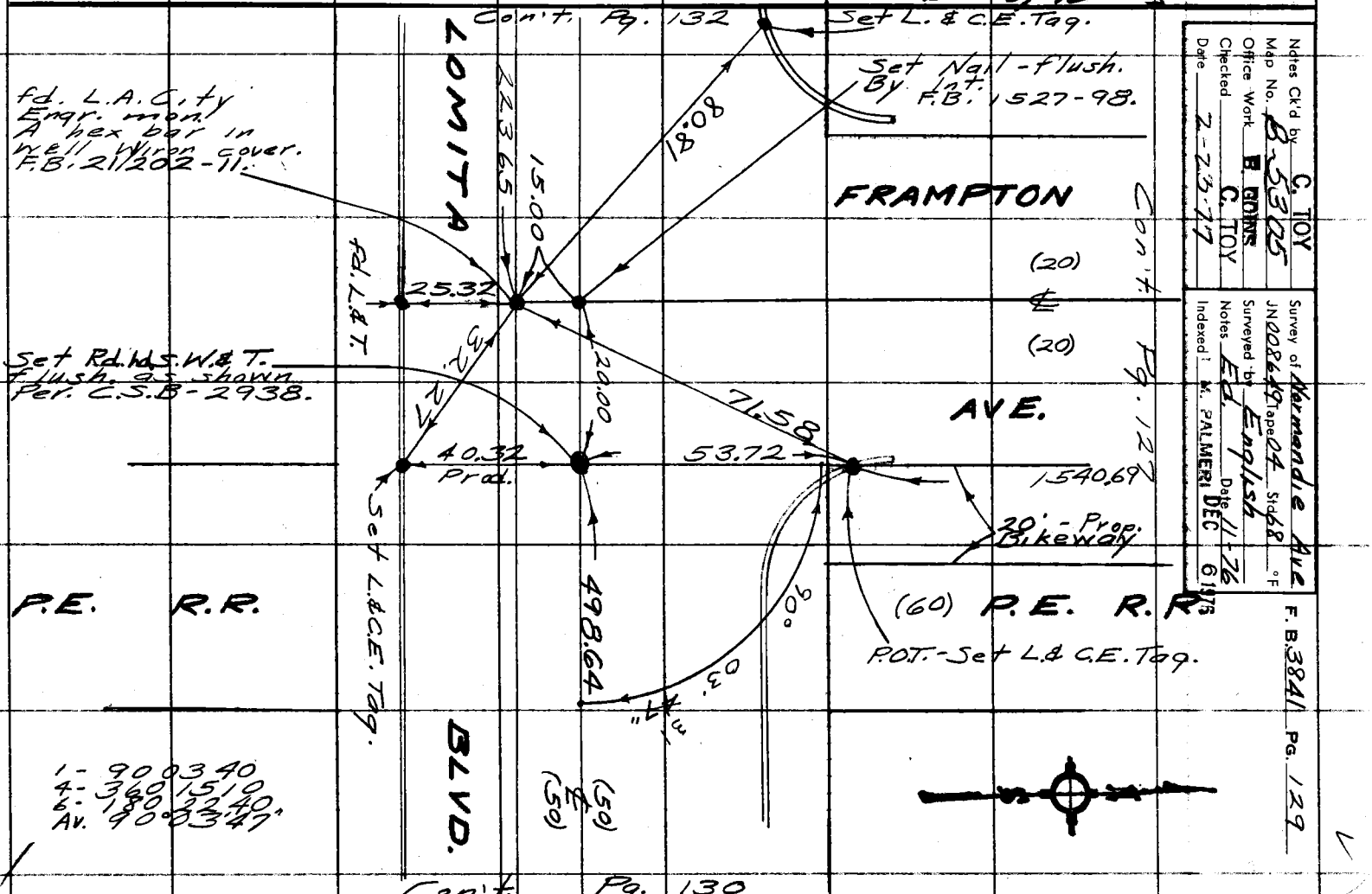
W.S. 28 B-3

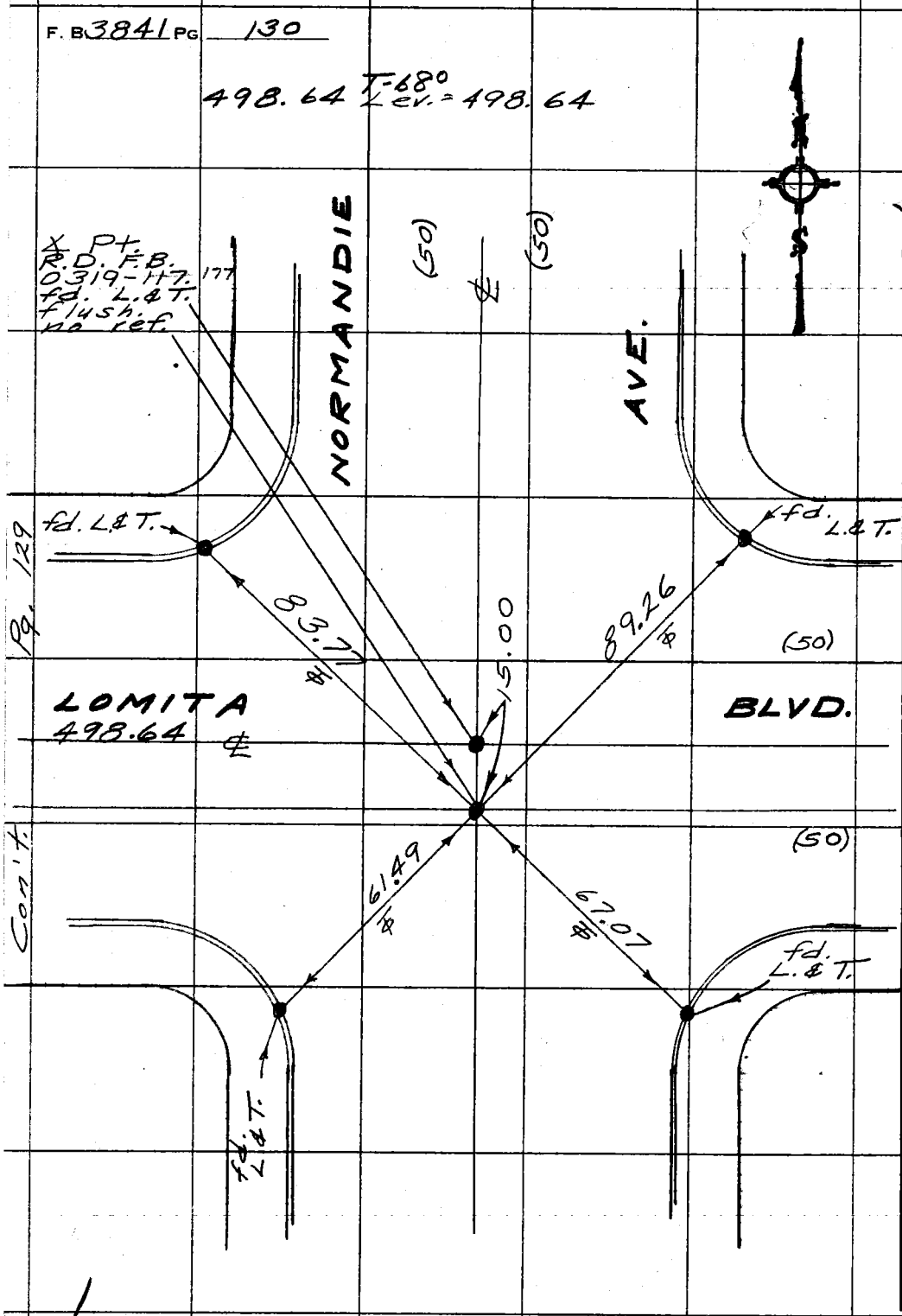


Notes Ck'd by C. TOY
Map No. B-5325
Office Work B. GOINS
Checked C. TOY
Date 2-23-77

Survey of Normandie Ave
JN 00864 Tape 04 Sta 68 °F
Surveyed by Ed. English
Notes
Indexed K. PALMERI Date DEC 6 1976

F.B. 3841 Pg. 129

F. B 3841 PG 130



Lus 2 & 1 B-3

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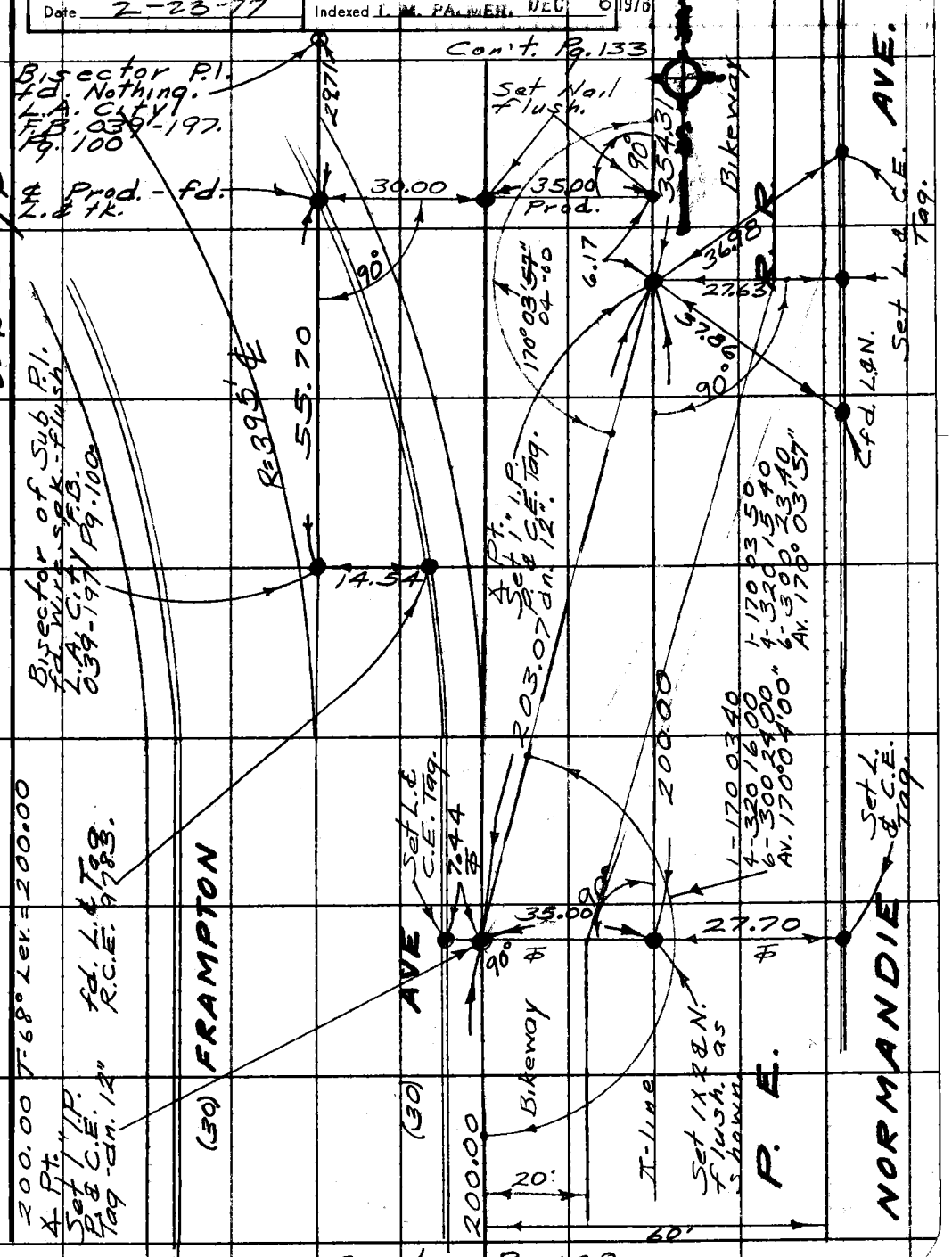
Notes Ck'd by C. TOY
Map No. B-5305
Office Work B. GOINS
Checked C. TOY
Date 2-23-77

Survey of Normandie Ave.
JN 0086.49 Tape 04 Std 68 °F
Surveyed by English
Notes Ed. Date 11-76
Indexed I. M. PALMER. DEC 6 1976

F. B. 3841 PG. 131



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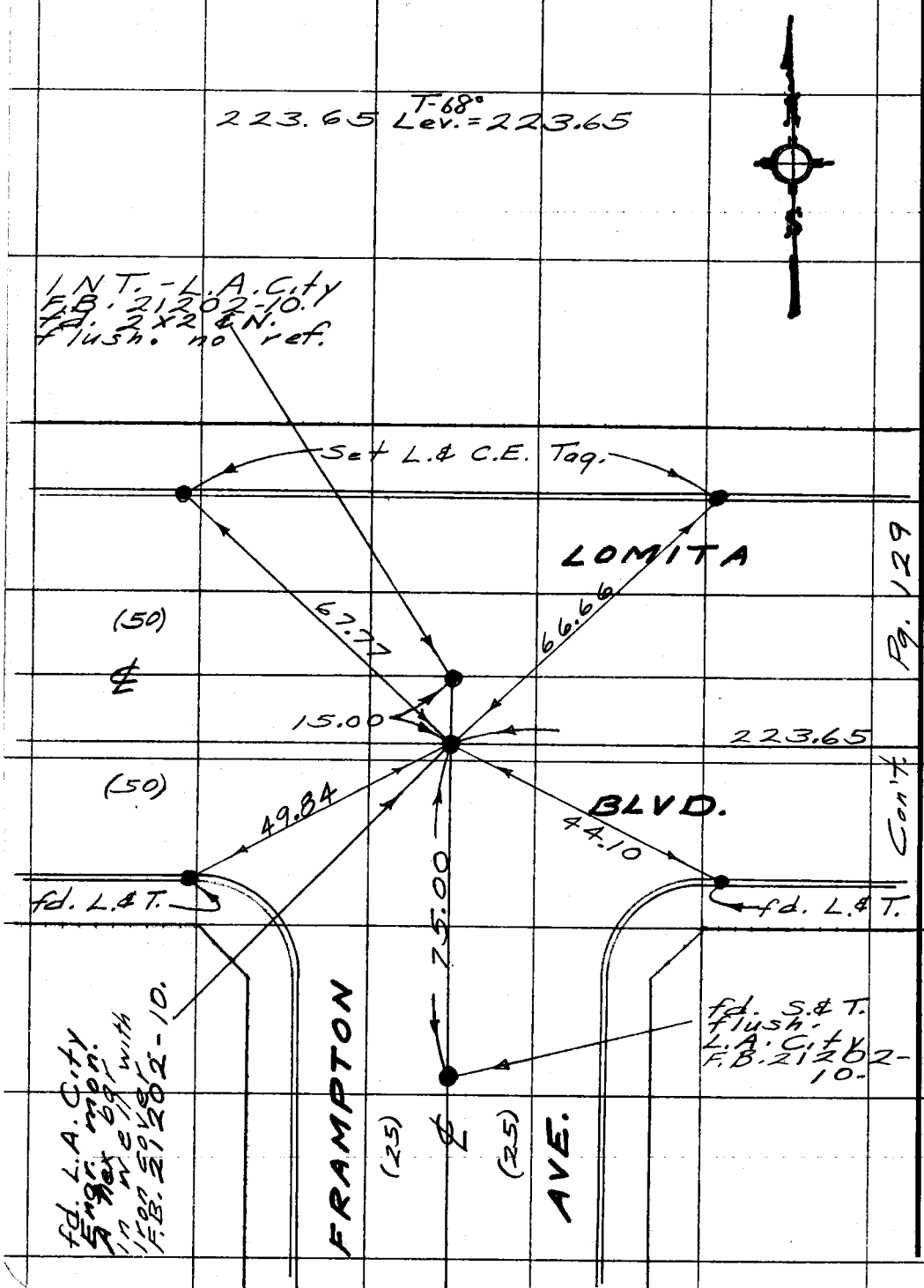
76F309S CE#310 3-69

F. B. 3841 PG 132



Con't Pg. 129

WS 28, B-3

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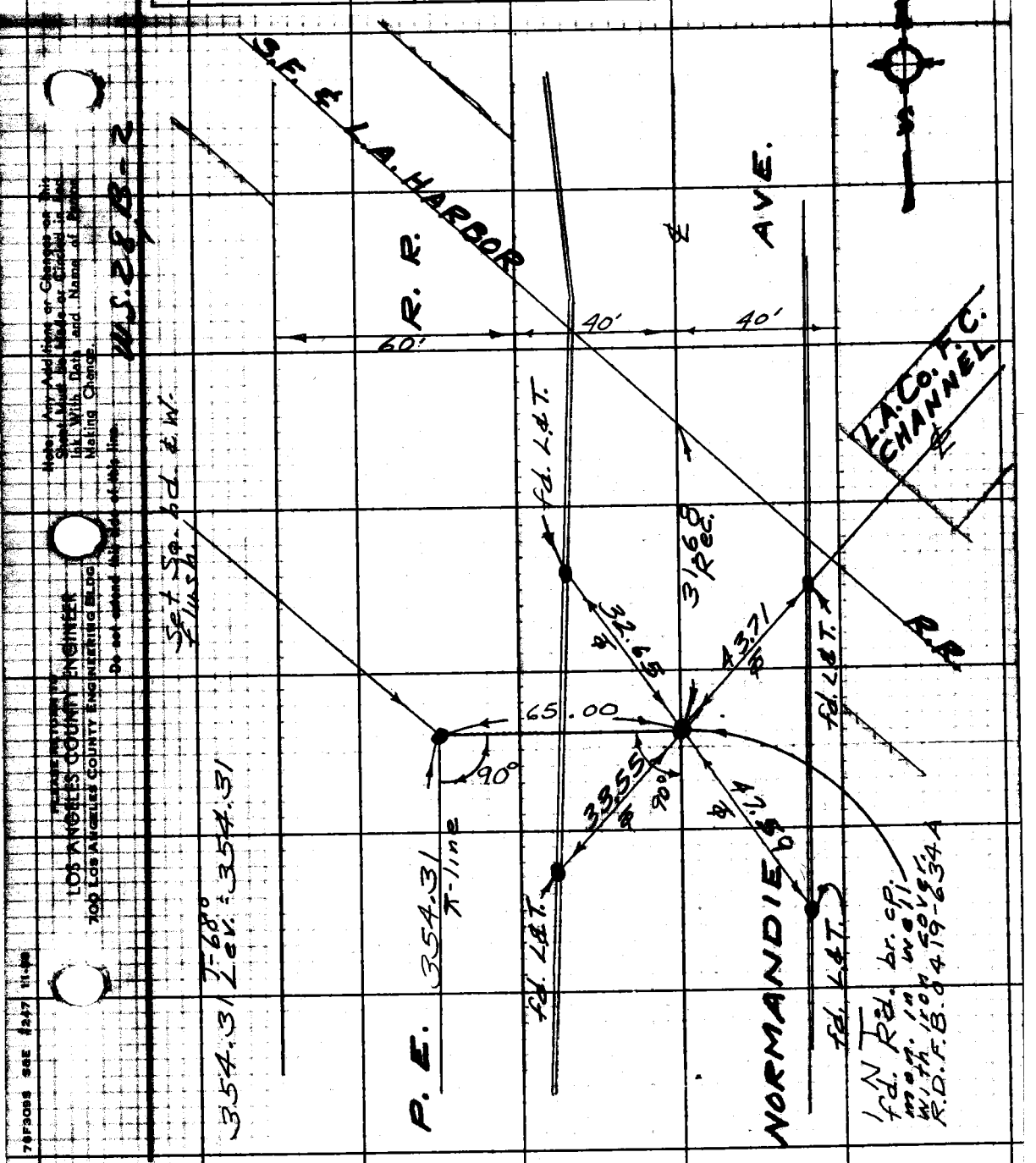
Notes Ck'd by C. TOY	Survey of Normandie Ave	F. B. 3841 PG. 133
Map No. B-5305	JN 008649 Tape 04 Std 68 °F	
Office Work B. GOINS	Surveyed by English	
Checked C. TOY	Notes Ed. Date 11-76	
Date 2-23-77	Indexed T. M. PALMERI DEC 6 1976	



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 S&E 1247 11-68

Con't. Pg. 131