Red. Plotted H. U. M. H.
Date 1946 Survey No.
Chkd. Checked Survey by Notes Ink
Date Map No. A. C. Johnson Date 10-2-46

BEACH EROSION SURVEY

FROM

REDONDO BEACH AT 10TH ST.
(Base Line Sta. 5-12 = 254+65 (S))

TO

BALLONA CREEK JETTIES
(Base Line Sta. 186+00 (N))

J.N. 8412.

Work Started: July 5, 1946.
" Finished:

G.W. Kleineck
H. Gunderson
J.W.S. Moore
R Anderson
R Hobson
H.R. Stock
J. Gregory
G.O. Harris
R. Mitchell
S. Dickie
D. Sappell
Brown
D. Le Gault
A.C. Stangeland
W. Van Deren.

Microfilmed Feb 88

F.B. 1285 PG. 2

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

Survey of ______ Date ______ Date ______

Survey by ______ Notes ______ Notes Chkd. ______ Checked ______ X-Sec.

Indexed ______ Date ______ Date ______ Date ______ No. ______

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

Do not extend notes this side of this line.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Profile No._____ X-Sec. No._____

Notes Red._____ Plotted_____ Job No._____ Division No._____

Date_____ Date_____ Survey of_____

Notes Chkd._____ Checked_____ Survey by_____ Notes_____ Date_____

Date_____ Date_____ Map No._____ Indexed_____ Date_____

F.B. 1285 Pg. 3

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

FORM 307 SM 1-46

F.B. 1285 G. 4

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
155+00 -S	068	17 94		17 26	∠ From pg. 10 Range Line ∠ = 90° F.S. on S-8	
			0 82	17 12	5.0' R. = Edge walk	
			57	122	39' R — Beach	
			85	94	76' R — "	
			101	78	100' R — "	
T.P.	329	7 73	11 50	6 44	120' R — "	
			44	53	145' R — "	
			77	20	195' R — Water	
			94	03	254' R — "	
			101	-0.4	332' R — "	
			119	-22	369' R — "	

Shore
155+00 (S)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 84126 Division No. ____ F.B. 1285 Pg. 5
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Meinert Notes Sulk. Date 8-19-46
No. ____ Date ____ Date ____ Map No. ____ Indexed S. Johnson Date 10-2-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	From pg. 10 (Beach level)	
152+50 -S	173	1541		1368	Range Line ∠ = 90°	F.S. on S-8
			31	123	26'R - Beach	
			61	93	70'R - "	
T.P.	319	993	867	64	110'R - "	
			43	56	138'R - "	
			83	16	189'R - Water	
			92	07	234'R - "	
			104	-05	296'R - "	
			116	-17	343'R - "	
			124	-25	363'R - "	

Shore
152+50 (S)

F.B. 1285 G. 6 | Job No. 8412 | Division No. | Notes Red. | Plotted 4 U.M.H. | Profile
Survey of Beach Erosion | Date | Date 1946 | No. | X-Sec.
Survey by Kenneck | Notes GWK - 8.19.46 | Notes Chkd. | Checked | No.
Indexed C. Johnson | Date | Date | Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
155	S-8	1	R	927	8945	Range Line ∡ = 90° F.S. on S-8	
+00		2	Y		8915		
		3	W		8805		
		4	Y		8840		
		5	W		8900		
		6	R	9.40	8940		
		7	Y		8935		
		8	W		8930		
		9	Y		9000		
		10	W		9015		
		11	R	946	9010		
		12	Y		8950		
		13	W		8940		
		14	Y		8945		
		15	W		8930		
		16	R	950	8930		
		17	Y		8950		
		18	W		9000		
		19	Y		9005		
		20	W		8940		

Range
155+00 (S)

Profile Notes Red. _____ Plotted H.U.M.H. Job No. 8412 Division No. _____ F.B. 1285 Pg. 7
No. _____ Date _____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. _____ Checked _____ Survey by Meiner Notes G.W.K. Date 8-15-'46
No. _____ Date _____ Date _____ Map No. _____ Indexed E. Johnson Date _____

F.B. 1285 Pg. 8

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Kleineck Notes GWK - 8-15 '46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.
Inst. Pt.	Sight # On	Color	Time	Hor. Ang.
155 + 00	5-8 21	R	955	9130

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst at.	Sight on	#	Color	Time	Hor. Ang.		
160+00	5.8	1	R	9:27	109-10		Range 155+00
		2	Y		110-15		
		3	W		110-30		
		4	Y		112-05		
		5	W		113-25		
		6	R	9:41	115-10		
		7	Y		115-50		
		8	W		118-25		
		9	Y		120-40		
		10	W		122-25		
		11	R	9:48	123-55		
		12	Y		125-40		
		13	W		128-05		
		14	Y		129-15		
		15	[illegible]		131-20		
		16	R	9:57	134-10		
		17	Y		137-15		
		18	W		139-55		
		19	Y		143-00		
		20	[illegible]		144-20		

Cut-in.
155+00 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 9
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Meneck Notes J.G. Date 8-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 4485 Pg. 10 | Job No. 4417 | Division No. | Notes Red | Date | Plotted H.U.M.H. | Profile No. | X-Sec. No.

Survey of Beach Erosion | Date | Checked 1946 | Date | No.

Survey by Harvest. Notes [illegible] | Notes Chkd. | Date | Date

Indexed A. C. Johnson Date

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At. 16+00	Sight On S-5	# 21	Color R	Time 9:52	Hor. Ang. 52.6	Range 15+00

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	9 28	28.5 / 30.5	292	3.8	25.4	Going In. Sta. 155+00
2	Y		27.2 / 28.5	276		23.8	
3	W		26.0 / 28.0	267		22.9	
4	Y		25.0 / 26.3	254		21.6	
5	W		23.8 / 26.0	245		20.7	
6	R	9 41	22.8 / 24.3	233	3.9	19.4	
7	Y		21.5 / 23.6	222		18.3	
8	W		20.0 / 22.8	209		17.0	
9			18.8 / 20.2	193		15.4	
10			17.5 / 19.2	181		14.2	
11	R	9 47	16.0 / 17.8	166	4.0	12.6	
12			14.8 / 16.8	155		11.5	
13	W		13.8 / 15.8	145		10.5	
14	Y		12.7 / 15.0	135		9.5	
15	W		11.5 / 13.7	122		8.2	
16	R	9 51	10.2 / 12.0	108	4.1	6.7	
17	Y		8.8 / 10.6	94		5.3	
18	W		7.3 / 9.5	80		3.9	
19	Y		6.1 / 7.5	66		2.5	
20	W		4.8 / 6.6	54		1.3	

Boat
155+00(5)

Profile No. ____ Notes Red. Lowr. Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 11
Date 10-8-46 Date 1946 Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. HE Checked ____ Survey by Mlemeal Notes G.H. Date 8-15-46
Date 11-1-46 Date ____ Map No. ____ Indexed C. Jordan Date ____

F.B. 1285 PG. 12 | Job No. 8412 | Division No. | Notes Red. Law | Plotted H.U.M.H. | Profile

Survey of Beach Erosion | Date 10-8-46 | Date 1946 | No.

Survey by Heinack | Notes G.H. 8-15-'46 | Notes Chkd. | Checked | X-Sec.

Indexed C. Johnson | Date | Date | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
STATION		B. S.	H. I.	F. S.	ELEV.		
21	R	9:55	4.8 5.2	4.5	4.1	0.4	

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
152 ~~+50~~	S-8	1	R	1019	9015	Range Line ∡ = 90°	F.J. on S-8
		2	Y		9020		
		3	W		9000		
		4	Y		9010		
		5	W		9020		
		6	R	1026	9030		
		7	Y		9020		
		8	W		9040		
		9	Y		9100		
		10	W		9050		
		11	R	1031	9025		
		12	Y		9000		
		13	W		8950		
		14	Y		8940		
		15	W		8925		
		16	R	1035	9000		
		17	Y		9020		
		18	W		9015		
		19	Y		9040		
		20	W		8825		

Range
152+50 (5)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1284 Pg. 13
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Kleinsett Notes GWK Date 8-15-'46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. [illegible] PG. 14

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

Survey of ____ Date ____ No. ____ X-Sec.

Survey by ____ Notes Chkd. ____ Checked ____

Indexed A. C. Johnson Date ____ Date ____ Date ____ No.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst Pt.	Sight # Bk	Color	Time	Hor. Ang.		

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst At.	Sight On	#	Color	Time	Hor. Ang.		
160+50	S-8	1	R	10:20	117-35		Range 152+50
		2	Y		119-45		
		3	W		121-05		
		4	Y		122-35		
		5	W		124-40		
		6	R	10:27	125-50		
		7	Y		127-05		
		8	W		129-25		
		9	Y		132-05		
		10	W		134-15		
		11	R	10:32	136-05		
		12	Y		138-05		
		13	W		139-30		
		14	Y		141-05		
		15	W		143-15		
		16	R	10:35	146-55		
		17	Y		149-20		
		18	W		150-45		
		19	Y		153-50		
		20	W		155-05		

Cut-in
152+50(5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 847 Division No. ____ F.B. 1285 Pg. 15
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Flemack Notes J.G. Date 8-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Job No. Division No. Notes Red. Plotted

Survey of Date Date

Survey by A. C. Johnson Notes Chkd. Checked

Indexed Notes Date Date Date

F.B. 1815 PG. 16

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight # On	Color	Time Hor. Ang.			
Holes	S 8	21	R	10:39	161 31	Comp 152.53

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	10:20	28.5 30.5	292	4.3	24.9	GOING IN RANGE 152+50
2	Y		27.5 29.5	281		23.8	
3	W		26.5 28.5	272		22.9	
4	Y		25.5 27.5	262		21.9	
5	W		24.5 26.5	250		20.7	
6	R	10:27	23.5 25.5	239	4.4	19.5	
7	Y		22.5 23.5	228		18.4	
8	W		20.5 22.5	213		16.9	
9	Y		19.5 21.5	200		15.6	
10	W		17.5 19.5	183		13.9	
11	R	10:31	16.5 15.5	171	4.4	12.7	
12	Y		15.5 17.5	158		11.4	
13	W		14.5 16.5	151		10.7	
14	Y		13.5 15.5	139		9.5	
15	W		11.5 13.5	125		8.1	
16	R	10:36	10.5 12.5	112	4.4	6.8 ~~7.8~~	
17	Y		9.5 11.5	97		5.3	
18	W		7.5 10.5	83		3.9	
19	Y		6.5 8.5	67		2.3	
20	W		5.5 7.5	57		1.3	End of Line.

Bond 152+50 (S)

Profile No. ____ Notes Red. Lowe Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1265 Pg. 17
Date 10-8-46 Date 1946 Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. HE Checked ____ Survey by Maineck Notes H.R.S. Date 8-15-46
Date 11-1-46 Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1285 PG. 18 | Job No. | Division No. | Notes Red. | Plotted H.U.M.H 1946 | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chkd. | Checked | X-Sec.

Indexed A. C. Johnson | Date | Date | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

#	STATION	B. S.	H. I.	F. S.	ELEV.	Adj. Depth	Remarks
	Color	Time	Meas. Depth	Bottom	Ht. Tide		

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	From pg. 10. (Beach level)	
150+00 -S	218	1492		1274	Range Line ∡=90°	F.S. on S-8
			43	106	44' R – Beach	
			53	96	72' R – "	
TP	179	981	690	802	100' R – "	
			33	65	120' R – "	
			50	48	141' R – "	
			71	27	170' R – Water	
			87	11	195' R – "	
			97	01	231' R – "	
			97	01	278' R – "	
			107	-09	325' R – "	
			46	-18	345' R – "	

Shore
150+00(S)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 19
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Kleiner Notes GWK Date Feb. '46
No. ____ Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	From pg. 10 (Beach level)	
147+50 -5	166	1570		1404	Range Line ∡ = 90°	F.S. on S-8
			35	122	30' R - Beach.	
			62	95	82' R - "	
T.P.	250	1001	819	751	100' R - "	
			44	56	121' R - "	
			60	40	147' R - Water	
			84	16	178' R - "	
			98	02	220' R - "	
			101	-01	278' R - "	
			114	-14	316' R - "	
			116	-16	323' R - "	

Shore
147+50(5)

F.B. 1285 PG. 20 | Job No. 8412 | Division No. | Notes Red. | Plotted H.U.M.H. | Profile
Survey of Beach Erosion | Date | Date 1946 | No. | X-Sec.
Survey by Meinert | Notes Bwk 8-19-46 | Notes Chkd. | Checked | No.
Indexed A. C. Johnson | Date | Date | Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	~~Hor.~~ Ang.	Range Line ~~D~~ = 90° F.S. on 5-8	
150 +00	5-8	1	R	1059	9000		
		2	Y		8940		
		3	W		9000		
		4	Y		9005		
		5	W		9005		
		6	R	1105	8945		
		7	Y		8950		
		8	W		9000		
		9	Y		9030		
		10	W		9015		
		11	R	1110	9020		
		12	Y		9025		
		13	W		9040		
		14	Y		9030		
		15	W		9055		
		16	R	1112	9055		
		17	Y		9000		
		18	W		9050		
		19	Y		9020		
		20	W		9020		

Range 150+00 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 21
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Meineck Notes Gluck Date 8-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed S. Johnson Date ____

F.B. 1285 PG. 22

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date _____ Date 1946. No. _____

Survey by Kleineck Notes GWK. - 8-15-42 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	
Inst At.	Sight # On	Color	Time	Hor. Ang.	
150	5-8	21	R	1116	90.00
400					End.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
160+00	S 8	1	R	11:00	124-45		Range 150+00
		2	Y		127-05		
		3	W		128-05		
		4	Y		130-10		
		5	W		132-35		
		6	R	11:06	133-55		
		7	Y		135-05		
		8	W		138-20		
		9	Y		139-50		
		10	W		140-35		
		11	R	11:10	142-50		
		12	Y		145-30		
		13	W		[illegible]		
		14	Y		147-45		
		15	W		150-45		
		16	R	[illegible]	153-15		
		17	Y		155-00		
		18	W		156-55		
		19	Y		159-10		
		20	W		160-35		

Cut-in. 150+00 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 PG. 23
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Mainek Notes V.G. Date 8-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1285 PG. 24

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date _____ Date 19[illegible] No. _____

Survey by Kleineck Notes [illegible] Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.
Inst. At.	Sight On	# Color	Time	Hor. Ang.
[illegible]	58	[illegible]	R	[illegible]

Range 150+00

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	10:59	[illegible]	299	4.5	25.4	GOING IN RANGE 150+00
2	Y		[illegible]	287		24.2	
3	W		[illegible]	273		22.8	
4	Y		[illegible]	263		21.8	
5	W		[illegible]	252		20.7	
6	R	11:06	[illegible]	240	4.5	19.5	
7	Y		[illegible]	228		18.3	
8	W		[illegible]	217		17.2	
9	Y		[illegible]	208		16.3	
10	W		[illegible]	197		15.2	
11	R	11:10	[illegible]	181	4.5	13.6	
12	Y		[illegible]	170		12.5	
13	W		[illegible]	152		10.7	
14	Y		[illegible]	143		9.8	
15	W		[illegible]	134		8.9	
16	R	[illegible]	[illegible]	121	4.5	7.6	
17	Y		[illegible]	108		6.3	
18	W		[illegible]	98		5.3	
19	Y		[illegible]	85		4.0	
20	W		[illegible]	68		2.3	

Boat
150+00(5)

Profile No. ____ Notes Red. Lewis Plotted H.U.M.H. Job No. 8412 Division No. ____
X:Sec. No. ____ Date 10-8-46 Date 1946 Survey of Beach Erosion
Notes Chkd. HE Checked ____ Survey by Meineck Notes Stock Date 8-15-46
Date 11-1-46 Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1285 PG. 25

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
21	R	[illegible]	[illegible]	5.5	4.5	1.0	End of line

F.B. 1285 PG. 26
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Meinecke Notes Stock 8-15-46
Indexed A. C. Johnson Date
Notes Red. Lowe Date 10-8-46
Notes Chkd. HE Date 11-1-46
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On #	Color	Time	Hor. Ang.		
147 +50	5-8 1	R	11 33	90 20	Range Line ∡ = 90°	F.S. on 5-8
	2	Y		89 50		
	3	W		89 30		
	4	Y		89 40		
	5	W		89 40		
	6	R	11 40	90 25		
	7	Y		90 05		
	8	W		90 15		
	9	Y		90 05		
	10	W		90 20		
	11	R	11 44	89 55		
	12	Y		89 40		
	13	W		90 50		
	14	Y		90 25		
	15	W		90 30		
	16	R	11 48	90 30		
	17	Y		89 40		
	18	W		89 25		
	19	Y		90 30	End	
	~~20~~					

Range 147+50 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 27
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Alemeyer Notes GWK Date 8-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1285 PG. 28

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 BM 1-46

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.
Inst. At.	Sight # On	Color	Time	Hor. Ang.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight # On		Color	Time	Hor. Ang.		
155+00	S8	1	R	11:34	118-15		Range 147+50
		2	Y		119-50		
		3	W		121-20		
		4	Y		123-10		
		5	W		124-40		
		6	R	11:41	126-45		
		7	Y		128-55		
		8	W		130-00		
		9	Y		132-05		
		10	W		133-40		
		11	R	11:45	136-30		
		12	Y		137-50		
		13	W		140-30		
		14	Y		142-50		
		15	W		145-55		
		16	R	[illegible]	147-45		
		17	Y		151-20		
		18	W		152-25		
		19	Y		156-30	End.	

Cut-in.
147+50(5)

Profile Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 G. 29
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleineck Notes J.G. Date 8-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1285 PG. 30

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.
Inst. Sight # Color Time Hor. Ang. At. On				

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	11:34	29.0 / 31.0	297	4.4	25.3	GOING IN	RANGE 147+50
2	Y		[illegible]	287		24.3		
3	W		[illegible]	270		22.6		
4	Y		[illegible]	261		21.7		
5	W		[illegible]	250		20.6		
6	R	11:40	[illegible]	237	4.4	19.3		
7	Y		21.8 / [illegible]	224		18.0		
8	W		[illegible]	212		16.8		
9	Y		[illegible]	197		15.3		
10	W		[illegible]	183		13.9		
11	R	11:45	16.5 / 18.0	170	4.4	12.6		
12	Y		[illegible]	156		11.2		
13	W		14.0 / 13.8	146		10.2		
14	Y		[illegible]	130		8.6		
15	W		11.3 / 13.3	120		7.6		
16	R	11:49	9.5 / 11.7	102	4.3	5.9		
17	Y		8.0 / 10.0	87		4.4		
18	W		6.9 / 8.3	74		3.1		
19	Y		5.0 / 8.0	60		1.7		End of line

Boat 147+50(S)

Profile No. ____ Notes Red. Lour Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 17885 Pg. 31
Date 10-8-46 Date 1946 Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. HE Checked ____ Survey by Blanco Notes Stock Date 8-15-46
Date 11-1-46 Date ____ Map No. ____ Indexed J. Johnson Date ____

F.B/285 PG. 32

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
STATION		B. S.	H. I.	F. S.	ELEV.		

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	From pg. 10. (Beach eve)	
145+00 -S	324	1713		1388	Range Line ∡ = 90°	F.S. on 5-8
			46	125	40' E - Beach	
			72	99	68' E - "	
T.P.	260	999	974	739	100' E - "	
			41	59	120' E - "	
			82	18	147' E - Water	
			97	03	210' E - "	
			110	-10	288' E - "	
			117	-17	335 E - "	
			123	-23	355 E - "	

Shore
145+00(S)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 847 Division No. ____
X-Sec. Date ____ Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by Wilcox Notes Fulk Date 5-12-46
Date ____ Date ____ Map No. ____ Indexed P. Johnson Date ____

F.B. 1285 Pg. 33

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	→ From pg. 10. (Beach level)	
142+50 -S	222	1552		1330	Range Line ∡ = 90° F.S. on S-8	
			39	116	27' E - Beach.	
			59	96	60' E - "	
TP	193	991	774	7[illegible]8	88' E - "	
			37	60	110' E - "	
			70	27	150' E - Water.	
			101	04	238' E - "	
			122	-25	344' E - "	
			125	-2[illegible]	360' E - "	

Shore
142+50(S)

F.B. 1285 Pg. 34 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No.
Survey by Meinecke Notes GWK - 8-9-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On #	Color	Time	Hor. Ang.		
145	5-8 1	R	1208	9005	Range Line ∡ = 90° F.S. on 5-8	
+00	2	Y		8945		
	3	W		9010		
	4	Y		9005		
	5	W		8945		
	6	R	1213	8950		
	7	Y		9000		
	8	W		9010		
	9	Y		9005		
	10	W		9100		
	11	R	1217	9100		
	12	Y		8920		
	13	W		9025		
	14	Y		9000		
	15	W		8940		
	16	R	1221	9115		
	17	Y		9010		
	18	W		9010		
	19	Y		9020		
	20	W	1225	9140		

Range
145+00 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 1285 Pg. 35
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Hlemeck Notes GWK Date 8-15-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Job No. Division No. Notes Red Date Plotted Date

Survey of Notes Notes Chkd. Checked

Survey by Date Date

Indexed A. C. Johnson Date Date

F.B. 1265 PG. 36

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight # On	Color	Time	Hor. Ang.		

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
155+00	58	1	R	[illegible]	126-55		Range 145+00
		2	Y		128-10		
		3	W		130-10		
		4	Y		132-00		
		5	W		133-20		
		6	R	12:[illegible]	135-30		
		7	Y		137-50		
		8	W		145-20		
		9	Y		14[illegible]-50		
		10	W		143-45		
		11	R	[illegible]	[illegible]-35		
		12	Y		147-55		
		13	W		149-[illegible]		
		14	Y		[illegible]-40		
		15	W		153-[illegible]		
		16	R	12:22	[illegible]-45		
		17	Y		157-35		
		18	W		158-50		
		19	Y		[illegible]		
		20	W		[illegible]		

Cut-in.
145+00 (5)

Profile Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 G. 37
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Maneck Notes J.G. Date 8-15-46
No. ____ Date ____ Date ____ Map No. ____ Checked Johnson Date ____

F.B. 1285 PG. 38

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.
Inst. At.	Sight Bn #	Color	Time Hor. Ang.	

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ Notes Red. Lewis Plotted H.U.M.H. Job No. 841 Division No. ____
X-Sec. No. ____ Date 10-8-46 Date 10/10 Checked ____ Survey of Beach Erosion Survey by Heuvelink & Parks Notes Parks Date 8-15-46
Notes Chkd. HE Date 11-1-46 Date ____ Map No. ____ Notes C. J. Connell Date ____

F.B. 1285 PG. 39

STATION #	Color	Time	B. S. Meas. Depth	H. I. Bottom	F. S. Ht. Tide	ELEV. Adj. Depth	Remarks
1	R	12:07	28.6 30.7	292	4.2	25.0	GOING IN RANGE 145+00
2	Y		26.8	281		23 ~~24.9~~	
3	W		24.8	269		22.7	
4	Y		22.3	252		21.0	
5	W		22.3	244		20.2	
6	R	12:14	24.1	230	4.2	18.8	
7	Y		20.9	217		17.5	
8	W		18.8	202		16.0	
9	Y		20.6	190		14.8	
10	W		16.8	173		13.1	
11	R	12:[illegible]	18.2	165	4.1	12.4	
12	Y		16.8	149		10.8	
13	W		14.8	138		9.7	
14	Y		12.9	127		8.6	
15	W		11.3	113		7.2	
16	R	12:22	9.8	103	4.1	6.2	
17	Y		8.0	90		4.9	
18	W		6.6	80		3.9	
19	Y		5.4	68		2.7	
20	W		5.0	57		1.6	

Boat: 145+00(S)

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No.

Job No. Notes Date

Survey of Survey by Indexed

F.B. 1285 FG. 40

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
142+50	S-8	1	R	738	89 50	Range Line ∡ = 90° F.S. on S-8	
		2	Y		89 25		
		3	W		89 20		
		4	Y		90 10		
		5	W		89 40		
		6	R	745	88 55		
		7	Y		89 20		
		8	W		90 40		
		9	Y		90 00		
		10	W		90 40		
		11	R	750	90 15		
		12	Y		89 40		
		13	W		89 20		
		14	Y		90 30		
		15	W		89 25		
		16	R	755	89 40		
		17	Y		90 30		
		18	W		90 30		
		19	Y		91 05		
		20	W		91 00		

Range 142+50 (S)

Profile No. ____ Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 41
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Meneck Notes Gulk Date 8-26-'46
Date ____ Date ____ Map No. ____ Indexed S. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
142	28	21	R	758	9 45	Range Line 142+50 Cont'd	
+50		22	Y.		9 50		

F.B. 1285 PG. 42

Job No. 842 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____ X-Sec.

Survey by Hlemeck Notes [illegible] Notes Chkd. _____ Checked _____ No. _____

Indexed A. C. Johnson Date _____ Date _____ Date _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
150+00	58(5)	1	R	7 39	117-20	Coming In	Range 142+50
		2	Y		118-25		
		3	W		120-10		
		4	Y		121-50		
		5	W	~~7 46~~	123-15		
		6	R	7-46	124-40		
		7	Y		126-00		
		8	W		128-45		
		9	Y		130-40		
		10	W		133-40		
		11	R	7-52	135-00		
		12	Y		136-30		
		13	W		138-20		
		14	Y		140-25		
		15	W		142-10		
		16	R	7-56	145-00		
		17	Y		148-25		
		18	W		149-35		
		19	Y		151-30		
		20	W		153-00		

Cut-in
142+50(5)

Profile
No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. ____ Date ____ Date 1946 Survey of Beach Erosion
No. ____ Notes Chkd ____ Checked ____ Survey by Kleineck Notes HWG Date 8-26-46
Date ____ Date ____ Map No. ____ Indexed S. Johnson Date ____

F.B. 1285 Pg. 43

F.B. 1285 PG. 44

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Kleineck Notes HWG--8-26-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
Inst. Pt.	Sight #	Color	Time	Hor. Ang.		
150+00	5-8	R	7.59	154.00	Coming In	Range 142+50
	21	Y		157.15		
	22					

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile Notes Red. Lewis Plotted H.U.M.H. Job No. 3417 Division No. F.B. 1255 Pg. 45
No. Date 10-8-46 Date Ayllo Checked Survey of Beach Erosion Notes by C.E.D. Date 8-20-46
X-Sec. Notes Chkd. HE Date Survey by H.U.M.H. Notes Checked J.C.D. Date
No. Date 11-1-46 Date Map No. Indexed Date

STATION #	Color	B. S. Time	H. I. Meas'd Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
								Starting Range 142+50
1	R	7 37	28.5	29.8	28.9	3.6	25.3	
2	Y		27.3	29.0	27.9		24.3	
3	W		26.3	27.9	26.8		23.2	Coming In
4	Y		25.2	25.1	26.1		22.5	
5	W		24.3	26.0	24.7		21.3	
6	R	7 45	23.0	24.8	23.6	3.7	19.9	
7	Y		22.0	23.6	22.5		18.8	
8	W		20.1	22.3	21.2		17.5	
9	Y		19.5	22.2	20.4		16.7	
10	W		18.9	20.1	19.0		15.3	
11	R	7 50	17.2	19.1	17.8	3.8	14.0	
12	Y		16.1	18.3	16.8		13.0	
13	W		15.2	17.3	15.9		12.1	
14	Y		14.2	15.8	14.7		10.9	
15	W		12.8	14.8	13.5		9.7	
16	R	7 54	11.5	13.0	12.0	3.9	8.1	
17	Y		10.5	11.5	10.8		6.9	
18	W		9.2	10.8	9.7		5.8	
19	Y		8.0	9.4	8.5		4.6	
20	W		7.0	8.5	7.5		3.6	

Boat 142+50(S)

F.B. 1285 PG. 46 | Job No. 8412 | Division No. | Notes Red. Lawr | Plotted H.U.M.H. | Profile

Survey of Beach Erosion | Date 10-8-46 | Date 1946 | No.

Survey by Meineck | Notes R.A. - 8-26-46 | Notes Chkd. IE | Checked | X-Sec.

Indexed A. C. Johnson | Date | Date 11-1-46 | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

STATION	B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
21	R	7 58	6.0 80	6.7	4.0	2.7	142+50 (Going In)
22	Y		5.4 6.8	5.9		1.9	End of Line

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					From pg. 10. (Beach Level)	
140+00 -S	342	1583		1241	Range Line ∡ = 90	F.S. on 5-8
			37	121	27' R - Beach.	
			59	99	58' C - "	
			76	82	78' C - "	
TP	218	982	819	764	85' C - "	
			41	57	113' R - "	
			54	44	136' C - Water.	
			84	14	178' C - "	
			90	08	210' C - "	
			94	04	237' C - "	
			101	-03	288' C - "	
			108	-10	310' C - "	
			116	-18	330' C - "	

Shore
140+00 (S)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 PG. 47
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Kleinert Notes G.W.K. Date 8.19.'46
No. ____ Date ____ Date ____ Map No. ____ Indexed D. C. Jonsson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	From pg. 10. (Beach level)	
137+50 -5	248	1601		1353	Range Line ∡ = 90°	F.S. on 5-8
			40	120	27' R - Beach	
			62	98	60' R - "	
T.P.	194	982	812	139	90' R - "	
			40	58	111' R - "	
			54	44	137' R - "	
			71	27	162' R - Water	
			89	09	199' R - "	
			100	-02	239' R - "	
			100	-02	288' R - "	
			114	-16	324' R - "	
			117	-19	333' R - "	

Shore
137+50(5)

F.B. 1285 G. 48 | Job No. 8412 | Division No. | Notes Red. | Plotted H. U. M. H. | Profile
Survey of Beach Erosion | Date | Date 1946. | No. | X-Sec.
Survey by Klemeck | Notes Gwk - 8-19-46 | Notes Chkd. | Checked | No.
Indexed A. C. Johnson | Date | Date | Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On #	Color	Time	Hor. Ang		
140 + 00	5-8 1	R	811	8935	Range Line ∡ = 90°	F.S. on 5-8
	2	Y		8955		
	3	W		8955		
	4	Y		8950		
	5	W		8905		
	6	R	823	8940		
	7	Y		8930		
	8	W		9020		
	9	Y		9010		
	10	W		8945		
	11	C	832	8940		
	12	Y		8950		
	13	W		9000		
	14	Y		9015		
	15	W		9010		
	16	C	836	8955		
	17	Y		9000		
	18	W		9015		
	19	Y		8925		
	20	W		8935		

Range
140+00 (5)

Profile
No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 842 Division No. ____
X-Sec. ____ Date ____ Date 1946 Survey of Beach Erosion
No. ____ Notes Chkd. ____ Checked ____ Survey by Hewock Notes Gulk Date 8-26-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1285 Pg. 49

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.		
140	5-8	21	E	830	[illegible]	Range Line 140+00 Cont'd.	
+00		22	Y		[illegible]		
		23	W		[illegible]		

F.B. 1285 G. 50 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No. X-Sec.
Survey by Hlemack Notes SWK-[illegible] Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
150+00	S-8	1	R	8-12	123-25	Coming In	Range 140+00
		2	Y		126-10		
		3	W		127-25		
		4	Y		129-30		
		5	W		131-05		
		6	R	8-24	132-10		
		7	Y		135-00		
		8	W		137-25		
		9	Y		138-40		
		10	W		139-55		
		11	R	8-33	141-50		
		12	Y		144-00		
		13	W		145-50		
		14	Y		148-20		
		15	W		149-20		
		16	R	8 37	151-00		
		17	Y		152-35		
		18	W		154-30		
		19	Y		156-45		
		20	W		157-50		

Cut-in. 140+00 (5)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 G. 51
X-Sec. No. ____ Date ____ Date 1946. Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes HWS Date 8-26-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Avg.	Coming In	Range 140+00
150+00	S-8	21	R	8-40	159-50		
		22	Y		162-10		
		23	W		164-50		

F.B. 1285 PG. 52 Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleineck Notes HWG 8-26-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	8 11	29.0	31.0	29.7	4.2	25.5	Range	140+00
2	Y		28.0	29.7	28.6		24.4		
3	W		27.0	28.8	27.6		23.4	Going	In
4	Y		26.0	28.0	26.7		22.5		
5	W		25.0	26.7	25.6		2[illegible].4		
6	R	8 23	23.8	26.0	24.5	4.3	20.2		
7	Y		22.8	24.0	23.2		18.9		
8	W		22.0	24.0	22.7		18.4		
9	Y		20.9	22.3	21.4		17.1		
10	W		19.[illegible]	21.2	20.3		16.0		
11	R	8 31	18.5	20.0	19.0	4.4	14.6		
12	Y		17.5	19.5	18.2		13.8		
13	W		16.0	17.8	16.6		12.2		
14	Y		14.9	16.1	15.3		10.9		
15	W		13.9	15.0	14.3		9.9		
16	R	8 36	12.9	14.5	13.4	4.4	9.0		
17	Y		11.8	13.0	12.2		7.8		
18	W		10.8	12.8	11.5		7.1		
19	Y		9.3	11.5	10.0		5.6		
20	W		8.0	10.8	8.9		4.5		

Boat.
140+00 (S)

Profile No. ____ Notes Red. Lew. Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 53
Date 10-8-46 Date 1946. Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Meinecke Notes [illegible] Date 8-26-46
Date 11-1-46 Date ____ Map No. ____ Indexed Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth		Remarks
21	R	8 39	7.0	8.6	7.5	4.4	3.1	Range	140 + 00
22	Y		5.9	7.5	6.4		2.0	Going	In
23	W		5.1	7.0	5.7		1.3	End of	Line

F.B. 1285 PG. 54 Job No. 8412 Division No. Notes Red. RMW Date 10-8-46 Plotted H.U.M.H. Date 1946 Profile No. X-Sec. No.

Survey of Beach Erosion Notes Chkd. AE Date 11-1-46 Checked

Survey by Maneck Notes RA - 8-26-46 Date

Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.	Range Line ∠ = 90° F.S. on S-8	
137 +50	S-8	1	C	844	9000		
		2	Y		8900		
		3	W		9000		
		4	Y		8950		
		5	W		8910		
		6	R	857	8940		
		7	Y		8925		
		8	W		8915		
		9	Y		8915		
		10	W		8855		
		11	R	904	8845		
		12	Y		8940		
		13	W		9000		
		14	Y		8930		
		15	W		8945		
		16	R	909	8940		
		17	Y		9015		
		18	W		9025		
		19	Y		9020		
		20	W		9030		

Range 137+50 (5)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by Kleinert Notes GWK Date 8-26-46
Date ____ Map No. ____ Indexed T. Johnson Date ____

F.B. 1285 Pg. 55

F.B. 1285 PG. 56

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Kleineck Notes [illegible] Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. Alt.	Sight #	Color	Time	Hor. Ang.		
1.39	5-8-21	R	9 12	[illegible]	Range 137+50	Cont'd
2.6	22			[illegible]		
	23	W		[illegible]		

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.	Coming In	Range 137+50
150+00	S-8	1	R	8.51	130-40		
		2	Y		131-25		
		3	W		133-00		
		4	Y		135-05		
		5	W		136-30		
		6	R	8 58	138-05		
		7	Y		139-45		
		8	W		142-25		
		9	Y		144-40		
		10	W		145-40		
		11	R	9.05	146-40		
		12	Y		149-10		
		13	W		151-35		
		14	Y		153-00		
		15	W		154-30		
		16	R	9-10	155-50		
		17	Y		158-10		
		18	W		159-30		
		19	Y		160-15		
		20	W		161-20		

Cut-in.
137+50 (5)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Kleineck Notes HWS Date 8-26-46
Date ____ Map No. ____ Indexed P. Johnson Date ____

F.B. 1285 Pg. 57

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight # On		Color	Time	Hor. Ang.	Coming In	Range 137+50
150+00	S-8	21	R	9-14	162-35		
		22	Y		165-15		
		23	W		166-55		

F.B/285 PG. 58

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 1946 No. X-Sec.

Survey by Klienech Notes H WG 8-26-46 Notes Chkd. Checked No.

Indexed A. C. Johnson Date Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile Notes Red. Date 10-8-46 Plotted H.U.M.H. Job No. 2417 Division No. F.B. 1215 Pg. 59
No. X:Sec. Notes Chkd. Date Date Checked Survey of Survey by Notes Date
No. Date 11-1-46 Date Map No. Traced J. Johnson Date

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	8 49	29.5	31.0	30.0	4.5 ✓	25.5 ✓	Range	137+50
2	Y		28.5	30.2	29.1		24.6 ✓		
3	W		27.5	29.5	28.2		23.7 ✓	Going	In
4	Y		26.5	28.0	27.0		22.5 ✓		
5	W		25.5	27.8	26.3		21.8 ✓		
6	R	8 57	24.5	26.2	25.1	4.6 ✓	20.5 ✓		
7	Y		23.2	25.5	24.0		19.4 ✓		
8	W		22.1	24.0	22.7		18.1 ✓		
9	Y		21.0	22.8	21.6		17.0 ✓		
10	W		20.0	22.0	20.7		16.1 ✓		
11	R	9 03	19.0	22.0	20.0	4.6 ✓	15.4 ✓		
12	Y		17.9	20.0	18.6		14.0 ✓		
13	W		16.9	19.0	17.6		13.0 ✓		
14	Y		15.5	18.0	16.3		11.7 ✓		
15	W		14.3	16.0	14.9		10.3 ✓		
16	R	9 09	13.3	15.3	14.0	4.6 ✓	9.4 ✓		
17	Y		12.0	13.8	12.6		8.0 ✓		
18	W		11.0	13.0	11.7		7.1 ✓		
19	Y		10.0	11.8	10.6		6.0 ✓		
20	W		9.0	10.5	9.5		4.7 ✓		

Boat
137+50(S)

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth	Remarks	
21	R	9 12	75	9.0	8.0	4.6	3.4	Range	137+50
22	Y		6.2	7.8	6.7		2.1	Going	In
23	W		5.0	6.8	5.6		1.0	End of	Line

F.B. 1285 PG. 60
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Hlaimack Notes R.A. -8-26-'46
Indexed A. C. Johnson Date
Notes Red. Lour Date 10-8-46
Notes Chkd. HE Date 11-1-46
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
135+00 -5					Range Line ∡ = 90° F.S. on 5-8	
	377	1730		1353	On STR. at 137+50	
			327	1403	On new STR. at 135+00	
			28	145	Elev. of beach at 135+00	
			47	126	33' R - beach.	
			69	104	56' R - "	
T.P.	127	984	873	857	80' R - "	
			32	66	99' R - "	
			46	52	124' R - "	
			83	15	183' R - water.	
			91	07	220' R - "	
			100	-02	294' R - "	
			117	-19	350' R - "	

Shore
135+00 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 61
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Klaineck Notes G.W.K. Date 8-19-46
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					→ From pg. 10. (Beach level)	
132+50 -5	303	1807		1504	Range Line ∡ = 90°	F.S. on 5-8
			44	137	29' R = Beach.	
			49	132	53' R = " .	
			73	108	71' R = " .	
T.P.	069	1071	885	912	90' C – " .	
			35	74	118' C – " .	
			52	57	148' R – " .	
			96	13	225' C – Water.	
			94	15	255' R – " .	
			126	[illegible]	367' C – " .	

Shore
132+50(5)

F.B. 1285 PG. 62

Job No. 8412 Division No. ____ Notes Red ____ Date ____ Plotted H.U.M.H. Date 1946 No. ____ Profile

Survey of Beach Erosion Notes Chkd ____ Checked ____ X-Sec.

Survey by Flemeck Notes Chkd 8-19-46 Date ____ Date ____ No. ____

Indexed A. C. Johnson Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
135	5-8	1	—	—	—	Red missed	
400		2	Y	928	8925		
		3	W		8920		
		4	Y		8925		
		5	W		8930		
		6	R	932	8930		
		7	Y		8935		
		8	W		8900		
		9	Y		9040		
		10	W		9035		
		11	R	936	9030		
		12	Y		9035		
		13	W		9045		
		14	Y		9035		
		15	W		9000		
		16	R	940	8925		
		17	Y		8925		
		18	W		9010		
		19	Y		9035		
		20	W		9040		

Range
135+00 (5)

Profile
No. ____ Date ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 19/16 Survey of Beach Erosion
No. ____ Notes Chkd. ____ Checked ____ Survey by Meine & Wilk Notes Date 8-26-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1285 Pg. 63

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor Ang.		
135	5-8	21	R	942	9050	Range Line 135+00 Cont'd	
+00		22	Y		9040		
		23	W		9230		

F.B. 1285 PG. 64 Job No. 8412 Division No. Notes Red Date Plotted H.U.M.H. Date 1946 No. Profile
Survey of Beach Erosion Date X-Sec.
Survey by Kleinock Notes Gwk - 8-26-46 Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No.____ X-Sec. No.____ Notes Red____ Date____ Notes Chkd____ Date____ Plotted H.U.M.H. Date 8-26-46 Checked____ Date____ Job No. 8417 Division No.____ Survey of Beach Eyrie Survey by Klieneck Notes H.U.M.H. Date 8-26-46 Map No.____ Indexed J. Johnson Date____ F.B. 1285 Pg. 65

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst At:	Sight On:	#	Color	Time	Hor. Ang.	
(142+00)	5-8	2	Y	9 2 9	119-50	Coming In. Range 135+00
2 142+50		3	W		121-00	
		4	Y		122-45	
		5	W		124-45	
		6	R	9 33	125-35	
		7	Y		126-30	
		8	W		129-15	
		9	Y		132-35	
		10	W		133-20	
		11	R	9 37	134-25	
		12	Y		135-30	
		13	W		137-10	
		14	Y		140-10	
		15	W		141-55	
		16	R	9-40	144-05	
		17	Y		145-40	
		18	W		148-05	
		19	Y		149-55	
		20	W		151-40	
		21	R	9 44	154-15	

Cut-in 135+00 (S)

F.B. 1285 Pg. 66

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Klieneck Notes HWG 8-26-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.	
142+00	5-8	22	Y		156.15	Coming In
		23	W		160.10	
						Range 135+00

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	~~R~~	~~9 25~~	~~292 31.5~~	~~30.0~~	4.6	~~OUT~~	Range	135+00
2	Y		28.3 30.0	28.9		24.3		
3	W		27.0 29.0	27.7		23.1	Going	In
4	Y		26.0 28.0	26.7		22.1		
5	W		25.0 27.0	25.7		21.1		
6	R	9 32	24.0 26.0	24.7	4.6	20.1		
7	Y		23.0 24.8	23.6		19.0		
8	W		22.0 23.5	22.5		17.9		
9	Y		21.0 22.6	21.5		16.9		
10	W		20.0 21.5	20.5		15.9		
11	R	9 36	19.0 21.0	19.7	4.6	15.1		
12	Y		18.0 20.0	18.7		14.1		
13	W		16.7 19.2	17.5		12.9		
14	Y		15.5 17.2	16.1		11.5		
15	W		14.0 16.0	14.7		10.1		
16	R	9 40	13.0 15.0	13.7	4.6	9.1		
17	Y		11.8 13.2	12.3		7.7		
18	W		10.7 12.2	11.2		6.6		
19	Y		9.5 11.3	10.1		5.5		
20	W		8.2 10.1	8.8		4.2		

Boat
135+00(S)

Profile No. ____ Notes Red. Lew Plotted H.U.M.H. Job No. 8412 Division No. ____
Date 10-8-46 Date 1946 Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. HE Checked ____ Survey by Meineck Notes RM. Date 8-26-46
Date 11-1-46 Date ____ Map No. ____ Indexed Date ____

F.B. 1285 PG. 67

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks	
21	R	9 43	7.0 9.0	7.7	4.6	3.1	135+00	
22	Y		6.0 8.0	6.7		2.1	Going in	
23	W		5.0 7.0	5.7		1.1	End of Line	

F.B. 1285 G. 68
Job No. 8412 Division No.
Notes Red. Lowe Date 10-8-46
Plotted H.U.M.H. Date 1946
Profile No.
Survey of Beach Erosion
Survey by H. Weinert Notes RM. - 8-26-46
Notes Chkd. AE Date 11-1-46
Checked
X-Sec. No.
Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
132	5-8	1	R	1001	8910	Range Line ∡ = 90°	F.S. on 5-8
+50		2	Y		8840		
		3	W		8920		
		4	Y		8930		
		5	W		8925		
		6	R	1010	8945		
		7	Y		8925		
		8	W		8905		
		9	Y		8935		
		10	W		8905		
		11	R	1015	8935		
		12	Y		8930		
		13	W		9000		
		14	Y		9015		
		15	W		8940		
		16	R	1020	9030		
		17	Y		9000		
		18	W		9025		
		19	Y		9025		
		20	W		9105		

Range
132+50 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 69
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Hlemecz Notes G.W.K. Date 8-26-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
132 +50	5-8	21	R.	1024	89.5	Range Line 132+50	Cont'd

F.B. 1285 PG. 70

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____

Survey by Fleming Notes GWK - 8-26-46 Notes Chkd. ____ Checked ____ X-Sec.

Indexed A. C. Johnson Date ____ Date ____ Date ____ No. ____

FORM 307 SM 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile Notes Red_____ Plotted H.U.M.H. Job No. 8417 Division No._____ F.B. 1235 Pg. 71
No._____ Date_____ Date 8-26-46 Survey of Beach Erosion
X-Sec. Notes Chkd._____ Checked_____ Survey by Kliencke Notes HWG Date 8-26-46
No._____ Date_____ Date_____ Map No._____ Indexed C. J. Johnson Date_____

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	
142+50	5-8	1	R	10,02	122-20	Coming In — Range 132+50
		2	Y		125-55	
		3	W		129-20	
		4	Y		130-30	
		5	W		132-20	
		6	R	10-10	133-25	
		7	Y		135-35	
		8	W		137-05	
		9	Y		138-40	
		10	W		140-20	
		11	R	10-16	143-05	
		12	Y		145-00	
		13	W		146-25	Coming In. 132+50(S)
		14	Y		149-05	
		15	W		151-00	
		16	R	10 21	153-20	
		17	Y		154-35	
		18	W		156-50	
		19	Y		157-45	
		20	W		160-30	

F.B. 1285 PG. 72

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H.

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Klieneck Notes HVVG. 8-26-46 Notes Chkd. _____ Checked _____

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

Profile

X-Sec.

FORM 307 5M 1-46

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
Inst. Pt.	Sight # On	Color	Time Hor. Ang.		Coming In	Range 132+50
142+50	5-8 21	R	10.26	162-40		

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____ Date 11-1-46

Notes Red. KLUC Plotted H.L.M.H. Job No. 2477 Division No. ____
Notes Chkd. PE Date 10-8-46 Checked ____ Survey of Beach Erosion
Date 11-1-46 Date 10-46 Survey by M.P.W.D. Notes E.N. Date 8-26-46
Map No. ____ Entered J.C.D. Date ____

F.B. 1288 PG. 73

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	10 01	29.2 31.0	29.8	4.5 ✓	25.3	132+50	
2	Y		27.8 29.2	28.3		23.8	Going In	
3	W		26.5 28.2	27.1		22.6		
4	Y		25.2 27.0	25.8		21.3		
5	W		24.0 26.9	24.7		20.2		
6	R	10 09	23.0 24.8	23.8	4.5 ✓	19.3		
7	Y		22.0 23.5	22.5		18.0		
8	W		21.0 22.8	21.6		17.1		
9	Y		19.9 21.3	20.4		15.9		
10	W		18.9 20.9	19.6		15.1		
11	R	10 15	17.9 19.3	18.4	4.4 ✓	14.0		
12	Y		16.3 18.0	16.9		12.5		
13	W		15.0 17.0	15.7		11.3		
14	Y		14.0 15.8	14.6		10.2		
15	W		12.7 15.0	13.5		9.1		
16	R	10 19	11.3 13.3	12.0	4.4 ✓	7.6		Boat 132+50 (S)
17	Y		10.0 12.0	10.7		6.3		
18	W		8.9 10.3	9.4		5.0		
19	Y		7.8 9.3	8.0		3.6		
20	W		6.3 7.8	6.8		2.4		

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
21	R	10 25	5.0 7.2	5.7	4.4	1.3 ✓	132+50	End of Line
22	Y							Going In

F.B. 1285 PG. 74
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Kleinack Notes R.M. 8-26-46
Indexed C. Johnson Date
Notes Red. Bauer Date 10-8-46
Notes Chkd. [illegible] Date 11-1-46
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					From pg. 10 (Beach level)	
130+00 -5	183	1747		1564	Range Line ∡ = 90°	F.J. on S-8
			45	130	44' R - Beach	
			67	108	74' R - "	
TP	130	1008	869	878	100' R - "	
			32	69	121 R - "	
			49	52	144 R - "	
			66	35	169 R - Water	
			82	19	196 R - "	
			91	10	224' R - "	
			102	-02	250' R - "	
			98	03	277' R - "	
			104	-03	327' R - "	
			113	-12	352' R - "	
			117	-16	360' R - "	

Shore
130+00 (S)

Profile
No. ____ Notes Red ____ Plotted M.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date ____ Date 19 46 Survey of Beach Erosion
No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinick Notes GWK Date 8-19-46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1285 Pg. 75

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
127+50 -5	169	2693		2524	From pg. 10 Range line ∠ = 90°	F.S. on 5-7.
			18	251	19' R. - Brk. T.B.	
			74	145	31' R - Toe Bk.	
			88	18[illegible]	59' R - Beach	
T.P.	157	1745	1105	[illegible]	81' R - "	
			46	128	120' R - "	
			51	123	140' R - "	
			75	99	166' R - "	
T.P.	13[illegible]	[illegible]	886	[illegible]	185' R - "	
			28	72	1[illegible]' R - "	
			50	50	229' R - "	
			64	31	[illegible]' R - "	
			83	17	284' R - Water	
			90	10	310' R - "	
			100	00	[illegible]' R - "	
			106	-06	372' R - "	
			106	-06	403' R - "	
			113	-[illegible]	440 R - "	

Shore 127+50(5)

F.B. 1285 PG. 76 Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No. X-Sec.
Survey by Meneck Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst At.	Sight On	#	Color	Time	Hor. Ang.		
130	5-8	1	R	1036	89 40	Range Line ∡ = 90° F.S. on 5-8	
400		2	Y		89 10		
		3	W		89 25		
		4	Y		89 25		
		~~5~~	~~W~~		~~89 20~~	Out.	
		6	W		89 40		
		7	R	1043	89 35		
		8	Y		89 40		
		9	W		89 05		
		10	Y		89 55		
		11	W		88 55		
		12	R	1048	89 55		
		13	Y		90 30		
		14	W		90 20		
		15	Y		89 25		
		16	W		91 00		
		17	R	1053	89 40		
		18	Y		88 40		
		19	W		91 20		
		20	Y		89 50		

Range
130+00(5)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____
X-Sec. Notes Chkd. ____ Checked ____ Survey of Beach Erosion Survey by Klewiet Notes GWK Date 8-26-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1285 Pg. 77

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst At	Sight # On	Color	Time	Hor. Ang.		
130 +00	5-8 21	W		9000	Range Line 130+00 Cont'd.	

F.B. 1286 PG. 78

Job No. 8412 Division No. _____ Notes Red _____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Meineck Notes Gwc. - 8-26-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At:	Sight # On	Color	Time	Hor. Adj.		
127	5-6 1	R	11:12	8930	Range Line ∠ = 90°	F.J. on 5-6
+50	2	Y		8935		
	3	W		8920		
	4	Y		8920		
	5	W		9020		
	6	R	11:15	9035		
	7	Y		8935		
	8	W		8920		
	9	Y		8920		
	10	W		9020		
	11	R	11:21	9005		
	12	Y		9045		
	13	W		9010		
	14	Y		8900		
	15	W		9035		
	16	R	11:27	9000		
	17	Y		8925		
	18	W		9030		
	19	Y		8940		
	20	W		9055		

Range
127 + 50 (S)

Profile
Notes Red _____ Plotted H.U.M.H. Job No. 5412 Division No. _____
No. _____ Date _____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd _____ Checked _____ Survey by Manager Notes Junk Date 8-26-'46
No. _____ Date _____ Date _____ Map No. _____ Indexed: Johnson Date _____

F.B. 1235 Pg. 79

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight # On	Color.	Time	Hor. Ang.		
127 +50	5-6 21	R	1132	9015	Range Line 127+50	Contd

F.B. 1285 PG. 80

Job No. 8412 Division No. ____ Notes Red ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____ X-Sec.

Survey by Meineck Notes GWK - 8-26-46 Notes Chkd. ____ Checked ____ No. ____

Indexed A. C. Johnson Date ____ Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
142+50	S-8	1	R	10-37	132-50	Coming In.	Range 130+00
		2	Y		133-50		
		3	W		135-35		
		4	Y		137-05		
		5	W		139-10		
		6	R	10-45	141-50		
		7	Y		144-25		
		8	W		144-45		
		9	Y		146-30		
		10	W		148-40		
		11	R	10-49	150-10		
		12	Y		151-30		
		13	W		152-10		
		14	Y		154-00		
		15	W		156-05		
		16	R	10-55	156-50		
		17	Y		159-10		
		18	W		160-30		
		19	Y		162.40		
		20	W		164-25		

Cut-in.
130+00 (S)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Klieneck Notes HWG Date 8-26-46
Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1285 Pg. 81

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.	Coming In.	Range 127+50
142+50	S-8	1	R	11-13	138-05		
		2	Y		138-50		
		3	W		139-20		
		4	Y		140-00		
		5	W		142-50		
		6	R	11-17	144-10		
		7	Y		145-25		
		8	W		147-00		
		9	Y		148-10		
		10	W		150-15		
		11	R	11 22	151-55		
		12	Y		153-40		
		13	W		153-55		
		14	Y		155-30		
		15	W		156-40		
		16	R	11 29	158-20		
		17	Y		159-15		
		18	W		160-40		
		19	Y		161-30		
		20	W		163-10		
		21	R	11-33	164-20		

Cut-in. 127+50 (S)

F.B. 1285 PG. 82

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____ X-Sec.

Survey by Klieneck Notes HWG Notes Chkd ____ Checked ____ No. ____

Indexed A. C. Johnson Date 8-26-46 Date ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	10:36	28.8 30.5	294	4.2	25.2	Range	130+00
2	Y		27.5 29.2	281.		23.9		
3	W		26.0 28.0	267		22.5		Going In
4	Y		24.8 26.8	255		21.3		
5	W		23.5 25.0	240		19.8		
6	R	10:43	22.2 24.0	228	4.2	18.6		
7	Y		21.0 23.0	217		17.5		
8	W		19.9 21.9	206		16.4		
9	Y		18.8 20.2	193		15.1		
10	W		17.7 19.7	184		14.2		
11	R	10:48	16.6 18.0	171	4.1	13.0		
12	Y		15.2 16.8	157		11.6		
13	W		14.0 16.0	147		10.6		
14	Y		13.0 14.8	136		9.5		
15	W		12.0 13.8	126		8.5		
16	R	10 53	11.0 12.8	116	4.0	7.6		
17	Y		9.5 11.0	100		6.0		
18	W		8.0 10.0	87		4.7		
19	Y		7.0 8.3	74		3.4		
20	W		5.8 7.5	64		2.4		

Boat.
130+00 (5)

Profile No. ____ Notes Red. Lewis Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 PG. 83
Date 10-7-46 Date 1946 Survey of Beach & Vision
X:Sec. No. ____ Notes Chkd. HE Checked ____ Survey by Meineck Notes RM Date 8-26-46
Date 11-1-46 Date ____ Map No. ____ Indexed Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.		H. I.		F. S.	ELEV.			
#	Color	Time		Meas. Depth		Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	11	12	28.0	30.2	28.7	3.8	24.9	Range	127+50
2	Y			26.5	28.5	27.2		23.4		
3	W			25.5	27.8	26.3		22.5	Going	In
4	Y			24.5	26.5	25.2		21.4		
5	W			23.5	25.2	24.1		20.3		
6	R	11	16	22.0	24.5	22.8	3.7	19.1		
7	Y			21.0	23.0	21.7		18.0		
8	W			20.0	22.5	20.8		17.1		
9	Y			19.0	21.2	19.7		16.0		
10	W			18.0	20.2	18.7		15.0		
11	R	11	21	16.8	18.2	17.3	3.6	13.7		
12	Y			15.8	18.0	16.5		12.9		
13	W			14.8	17.0	15.5		11.9		
14	Y			13.8	15.5	14.4		10.8		
15	W			12.8	14.8	13.5		9.9		
16	R	11	27	11.8	13.5	12.4	3.6	8.8		
17	Y			10.8	13.0	11.5		7.9		
18	W			9.5	12.0	10.3		6.7		
19	Y			8.5	10.5	9.2		5.6		
20	W			7.2	9.0	7.8		4.2		
21	R	11	31	5.8	8.0	6.5		2.9		

Boat. 127+50(5)

F.B. 1285 PG. 84 Job No. 8412 Division No. Notes Red. Lour Date 10-7-46 Plotted H.U.M.H. Date 1946 Profile No. X-Sec. No.

Survey of Beach Erosion Survey by Weimer Notes RA 8-26-46 Notes Chkd. HE Date 11-1-46 Checked Date

Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
122+50 -5	235	2783		2548	→ From pg. 9. Range Line ∡ = 90° F.S. on S-7	
			18	260	Gr. Elev. at Sta.	
			27	251	15'R - Brk - T.B.	
			86	192	45'R - Toe B.	
T.P.	244	1864	1163	1620	73'R - Beach	
			50	136	140'R - "	
			90	96	173'R - "	
T.P.	154	1061	957	907	180'R - "	
			35	71	202'R - "	
			76	30	253'R - "	
			95	11	300'R - Water	
			120	-14	395'R - "	
			130	-24	470'R - "	

Shore
122+50 (5)

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 1285 Pg. 85
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Hleinecke Notes GWK Date 8-19-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Jonnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
120+00 -S	335	2869		[illegible]	From pg. 9. Range Line ∡ = 90°	F.S on S-7
			27	260	23'R - Brk. T.B	
			103	184	55'R - Toe B	
TP	130	1847	1152	[illegible]		
			35	150	88'R - Beach	
			60	125	134'R - "	
TP	123	1001	969	878	175'R - "	
			38	62	203'R - "	
			70	30	254'R - Water	
			99	01	323'R - "	
			104	-04	[illegible]	
			116	-16	435'R - "	
			120	-20	452'R - "	

Shore
120+00(S)

F.B. 1285 PG. 86
Job No. 2412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No.
Survey by Klemeck Notes Chkd. 8-19-46 Checked X-Sec.
Indexed A. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
122+50	5-6	1	R	1218	9000	Range Line ∡ = 90°	F.S. on 5-6
		2	Y		8955		
		3	W		8840		
		4	Y		8905		
		5	W		9015		
		6	R	1224	9035		
		7	Y		8915		
		8	W		8835		
		9	Y		9000		
		10	W		8935		
		11	R	1231	8955		
		12	Y		8940		
		13	W		9000		
		14	Y		9015		
		15	W		9000		
		16	R	1235	8955		
		17	Y		8940		
		18	W		9015		
		19	Y		8940		
		20	W		9020	End	

Range
122+50 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 87
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes G.W.K. Date 8-26-46
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1285 PG. 88

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 BM 1-46

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.
Inst. Ht.	Sight # On	Color	Time	Hor. Ang.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
110+00	S-6	1	R	12-20	50-15	Coming In	Range 122+50
		2	Y		49-30		
		3	W		47-40		
		4	Y		46-35		
		5	W		46-05		
		6	R	12 26	43-50		
		7	Y		41-20		
		8	W		39-45		
		9	Y		38-45		
		10	W		37-10		
		11	R	12 31	35-25		
		12	Y		34-25		
		13	W		33-00		
		14	Y		31-10		
		15	W		30-05		
		16	R	12 36	28-20		
		17	Y		26-50		
		18	W		25-40		
		19	Y		24-10		
		20	W		22-35		

Cut-in: 122+50 (S)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 89
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Klieneck Notes HWS Date 8-26-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Jonson Date ____

F.B. 1285 PG. 90

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.
Inst. Sight # At. 10		Color	Time	Hor. Avg.

F.B. 1285 PG. 91

Profile No.	Notes Red.	Plotted H. U. M. H.	Job No. 8412 Division No.
	Date	Date 1946.	Survey of Beach Erosion
X:Sec. No.	Notes Chkd.	Checked	Survey by Meineck Notes R.A. Date 8-26-'46
	Date	Date	Map No. Indexed C. Johnson Date

Boat
122+50 (S)

For Range Line
122+50 See next pg.

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
21	R	11 31	5.8 8.0	6.5			Range 127+50 (Going In) End of Line

FORM 307 2M 8-45

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.		F. S.	ELEV.		
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	12 18	27.8	29.0	28.2	2.7	25.5	Range 122+50
2	Y		26.5	28.2	27.1		24.4	
3	W		25.5	27.5	26.2		23.5	Going In
4	Y		24.3	26.0	24.9		22.2	
5	W		23.3	25.0	23.9		21.2	
6	R	12 24	22.0	23.8	22.6	2.6	20.0	
7	Y		21.0	23.0	21.7		19.1	
8	W		20.0	22.0	20.7		18.1	
9	Y		18.8	21.0	19.5		16.9	
10	W		17.5	19.2	18.1		15.5	
11	R	12 31	16.6	18.6	17.3	2.5	14.8	
12	Y		15.6	17.6	16.3		13.8	
13	W		14.6	16.6	14.8		12.3	
14	Y		12.8	14.8	13.5		11.0	
15	W		11.5	13.5	12.2		9.7	
16	R	12 35	10.5	12.5	11.2	2.4	8.8	
17	Y		9.3	11.2	9.9		7.5	
18	W		8.5	10.5	9.2		6.8	
19	Y		7.5	9.8	8.3		5.9	
20	W		6.0	8.2	6.7		4.3	

Profile No. X-Sec. No.

Plotted H.U.M.H. Date 1946 Checked Date

Notes Red. Lour Date 10-7-46 Notes Chkd. HE Date 11-1-46

Job No. 8412 Division No.

Survey of Beach Erosion Notes R.A. 8-26-46

Survey by Meineck Date

Indexed A. C. Johnson

F.B. 1285 PG. 92

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
120 +00 (5)	5-6	1	R	805	89 40	Range Line ∡=90° F.S. on 5-6
		2	Y		90 10	
		3	W		90 00	
		4	Y		90 00	
		5	W		[illegible]	
		6	R	815	89 55	
		7	Y		90 05	
		8	W		90 05	
		9	Y		90 05	
		10	W		89 50	
		11	R	820	89 50	
		12	Y		89 50	
		13	W		89 45	
		14	Y		90 10	
		15	W		90 00	
		16	R	824	90 20	
		17	Y		89 50	
		18	W		90 00	
		19	Y		90 25	

Range 120+00 S.

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Date 1946 Job No. 8 Div Division No. ____ Survey of Beach Erosion Survey by Kleinert Notes BWK Date 9-13-46 Map No. ____ Indexed Johnson Date ____

X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

F.B. 1285 Pg. 93

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
117+50 (5)	5-6	1	C	845	[illegible]	Range [illegible]	F.S. on 5-6
		2	Y		[illegible]		
		3	W		[illegible]		
		4	Y		[illegible]		
		5	W		[illegible]		
		6	C	[illegible]	[illegible]		
		7	Y		[illegible]		
		8	W		[illegible]		
		9	Y		[illegible]		
		10	W		[illegible]		
		11	C	900	[illegible]		
		12	Y		[illegible]		
		13	W		[illegible]		
		14	Y		[illegible]		
		15	W		[illegible]		
		16	C	904	[illegible]		
		17	Y		[illegible]		
		18	W		[illegible]		
		19	Y		[illegible]		
		20	W		[illegible]		

Range 117+50 S.

F.B. 1285 PG. 94
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Fleming Notes Bulk 7-13-46
Indexed A. C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
						Range 120+00
107+50	5-6	1	R	8:06	48-45	
		2	Y		48-40	
		3	W		44-55	
		4	Y		43-35	
		5	W		40-35	
		6	R	8:16	39-30	
		7	Y		37-45	
		8	W		36-35	
		9	Y		35-05	
		10	W		33-25	
		11	R	8:20	32-20	
		12	Y		31-15	
		13	W		29-35	
		14	Y		27-45	
		15	W		26-00	
		16	R	8:24	24-15	
		17	Y		23-15	
		18	W		22-45	
		19	Y		20-20	

Cut in 120+00 S.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 1285 Pg. 95
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes J.G. Date 9-13-46
No. ____ Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
117+50	5-6	1	R	8:45	58-50	Range 117+50
		2	Y		56-30	
		3	W		54-55	
		4	Y		52-30	
		5	W		49-35	
		6	R	8:55	47-25	
		7	Y		46-20	
		8	W		43-30	
		9	Y		42-[illegible]	
		10	W		39-30	
		11	R	9:00	37-45	
		12	Y		36-05	
		13	W		35-20	
		14	Y		33-[illegible]	
		15	W		32-[illegible]	
		16	R	9:05	30-[illegible]	
		17	Y		29-[illegible]	
		18	W		28-20	
		19	Y		26-55	
		20	W		26-10	

Cut in 117+50 S.

F.B. 1285 PG. 96 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No.
Survey by Kleinert Notes J Gressing 9-13-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____ Notes Red Ecwk Plotted H.U.M.H. Job No. Eq 20 Division No. ____
Date 10-7-46 Date 10-46 Survey of Beach Erosion
Notes Chkd. EE Checked ____ Survey by Theuer Notes EA Date 7-13-46
Date 11-1-46 Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 225 Pg. 97

STATION	B. S.	H. I. Meas. Depth	F. S. Bottom	ELEV. Tide	Adj. Depth		Remarks
#	Color Time			4.2			
1	R 2:00	23.0	21.8	5.2	24.1 ~~23.1~~	Range	120 + 00
2	Y				23.3 ~~22.3~~		
3	W		21.6		22.4 ~~21.4~~	Gating	In
4	Y	24.3	24.1		20.7 ~~19.7~~		
5	W	23.0	23.5		19.3 ~~18.3~~		
6	R 2:10	22.0	21.2	4.4 5.4	18.3 ~~17.3~~		
7	Y		19.2		16.8 ~~15.8~~		
8	W	17.2	16.8		15.4 ~~14.4~~		
9	Y	18.0	16.7		14.3 ~~13.3~~		
10	W	15.0	13.4		13.0 ~~12.0~~		
11	R 2:15	16.0	15.7	4.4 5.4	12.3 ~~11.3~~		
12	Y	14.0	15.7		11.3 ~~10.3~~		
13	W	14.0	14.5		10.1 ~~9.1~~		
14	Y	13.0	13.3		9.4 ~~8.4~~		
15	W	15.0	13.6		8.6 ~~7.6~~		
16	R 2:20	12.0	11.9	4.5 5.5	6.4 ~~5.4~~		
17	Y	7.0	9.6		5.1 ~~4.1~~		
18	W	5	8.4		3.9 ~~2.9~~		
19	V	5.3	6.8		2.3 ~~1.3~~	The End	

Boat
120 + 00 S

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Botom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	8 46	29.0	30.5	29.5	4.9	24.6	Range	117+50
2	Y		28.0	30.0	28.7		23.8		
3	W		27.0	28.2	27.4		22.5	Going	In
4	Y		25.8	27.3	26.3		21.4		
5	W		24.5	27.0	25.3		20.4		
6	R	8 55	23.8	26.0	24.5	5.0	19.5		
7	Y		22.3	23.8	22.8		17.8		
8	W		21.0	23.0	21.7		16.7		
9	Y		19.5	22.0	20.3		15.3		
10	W		18.0	19.6	18.5		13.5		
11	R	9 00	17.0	19.2	17.7	5.1	12.6		
12	Y		16.0	19.0	17.0		11.9		
13	W		15.0	17.0	15.7		10.6		
14	Y		13.8	15.2	14.3		9.2		
15	W		12.7	15.0	13.5		8.4		
16	R	9 05	11.8	13.8	12.5	5.2	7.3		
17	Y		10.5	12.0	11.0		5.8 ~~6.8~~		
18	W		9.0	11.0	9.7		4.5		
19	Y		8.0	9.3	8.4		3.2		
20	W		7.3	9.0	7.9		2.7	The End	

Boat 117+50 S.

F.B. 1285 Pg. 98

Job No. 842 Division No. ____ Notes Red. Blue Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 10-7-46 Date 1946 No. ____

Survey by Hemack Notes R.A. 9-13-46 Notes Chkd. HE Checked ____ X-Sec.

Indexed C. Johnson Date ____ Date 11-1-46 Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					Range Line ∠ = 90°	F.S. on S-7
117+50 -S	370	2904		25337	On SHK at 120+00	(6" dn.)
			182	2722	" " " 117+50	
			31	259	20' R.	
			40	250	34' R	
			102	188	57' R - Beach	
T.P.	198	2055	1047	1857		
			47	159	95' R — "	
			58	148	126' R — "	
			92	114	153' R — "	
T.P.	163	1157	1061	994	170' R — "	
			42	74	198' R — "	
			60	56	226' R — "	
			82	34	255' R - Water	
			93	23	290' R — "	
			103	13	317' R — "	
			107	09	349 R — "	
			113	03	378' R — "	
			117	-01	395' R — "	
			116	00	425' R — "	

Shore
117+50 S.

Profile No. ____ Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 99
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes FWK Date 8-19-'46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	From pg. 9. (Gr. level)	
115+00 -S	354	2930		2576	Range Line ∡ = 90°	F.S. on S-7
			34	254	10' R.	
			30	263	28' R.	
			113	180	59' R - Beach	
TP	124	1924	1130	18[illegible]		
			44	148	90' R - "	
			60	132	127' R - "	
			85	1[illegible]	149 R - "	
TP	[illegible]	1026	1026	[illegible]	170' R - "	
			34	69	1[illegible]' R - "	
			55	48	[illegible] R - water	
			[illegible]	25	[illegible] R - "	
			90	12	[illegible]' R - "	
			99	04	307' R - "	
			102	01	342' R - "	
			106	-03	388' R - "	
			112	-09	425' R - "	

Shore
115+00 S.

F.B. 1285 Pg. 100 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Alemeda Notes Gulk - [illegible] Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
115 400 -(5)	5-6	1	R	919	90 00	Range Line ∡ = 90° F.S. on 5-6
		2	Y		90 05	
		3	W		90 10	
		4	Y		90 15	
		5	W		90 25	
		6	R	926	90 40	
		7	Y		90 20	
		8	W		90 15	
		9	Y		89 55	
		10	W		90 10	
		11	R	930	89 55	
		12	Y		89 55	
		13	W		89 45	
		14	Y		90 15	
		15	W		89 45	
		16	R	933	90 25	
		17	Y		90 20	
		18	W		90 20	

Range 115+00 S.

Profile No. ____ Notes Red. ____ Date ____ Plotted H. U. M. H Date 1946 Job No. 8413 Division No. ____ Survey of [illegible] Survey by [illegible] Notes [illegible] Date 9-13-46 Map No. ____ Indexed Johnson Date ____

X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

F.B. 1285 Pg. 101

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
112	5-6	1	R	946	90.00	Range Line → = 90°	F.S. on 5-6
4.50 (5)		2	Y		89.45		
		3	W		90.15		
		4	Y		89.50		
		5	W		90.00		
		6	R	955	90.00		
		7	Y		89.55		
		8	W		89.50		
		9	Y		89.55		
		10	W		89.55		
		11	R	1000	90.00		
		12	Y		90.00		
		13	W		89.50		
		14	Y		89.50		
		15	W		89.50		
		16	R	1003	90.05		
		17	Y		89.50		
		18	W		89.50		
		19	Y		90.15		
		20	W		91.[illegible]		

Range 112+50 5.

F.B. 1285 PG. 102
Job No. 5412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 Profile No. ____
Survey of Beach Erosion Date ____ Checked ____ X-Sec. No. ____
Survey by Hemcot Notes GWL 1-13-[illegible] Notes Chkd. ____ Date ____
Indexed C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
107+30	S-6	1	R	9:19	64-05	Range 115+00
		2	Y		62-50	
		3	W		59-55	
		4	Y		57-50	
		5	W		56-40	
		6	R	9:26	56-15	
		7	Y		53-15	
		8	W		51-10	
		9	Y		49-35	
		10	W		48-15	
		11	R	9:30	46-50	
		12	Y		45-00	
		13	W		42-55	
		14	Y		40-25	
		15	W		37-50	
		16	R	9:33	37-05	
		17	Y		34-25	
		18	W		31-25	

Cut in 115+00 S.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 103
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Kleinrock Notes J. G. Date 9-13-46
Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
107+50	S-6	1	R	9:46	72-10	Range 112+50
		2	Y		72-10	
		3	W		70-40	
		4	Y		69-20	
		5	W		66-55	
		6	R	9:56	66-10	
		7	Y		63-45	
		8	W		61-10	
		9	Y		60-00	
		10	W		58-50	
		11	R	10:01	57-55	
		12	Y		56-25	
		13	W		54-30	
		14	Y		52-55	
		15	W		50-35	
		16	R	10:04	48-35	
		17	Y		46-20	
		18	W		44-40	
		19	Y		42-10	
		20	W		39-25	

Cut in 112+50 S.

F.B. 1285 PG. 104

Job No. 8412 Division No. ____ Notes Red ____ Plotted H.U.M.H. No. ____ Profile

Survey of Beach Erosion Date ____ Date 1946 X-Sec.

Survey by Kleinecke Notes V. Gregory 7-13-46 Notes Chkd. ____ Checked ____ No. ____

Indexed A. C. Johnson Date ____ Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht Tide	Adj. Depth		Remarks
1	R	9 19	29.4	31.0	29.9	5.2	24.7	Range	115+00
2	Y		28.0	30.1	28.7		23.5		
3	W		27.0	29.0	27.7		22.5	Going	In
4	Y		26.0	27.8	26.6		21.4		
5	W		24.9	27.8	25.9		20.7		
6	R	9 26	23.4	25.5	24.1	5.3	18.8		
7	Y		22.0	24.2	22.7		17.4		
8	W		21.0	22.5	21.5		16.2		
9	Y		20.0	21.3	20.4		15.1		
10	W		18.8	20.2	19.3		14.0		
11	R	9 30	17.3	18.9	17.8	5.3	12.5		
12	Y		16.0	18.0	16.7		11.4		
	W		14.8	16.8	15.5		10.2		
14	Y		13.5	15.2	14.1		8.8 ~~9.8~~		
15	W		11.8	14.1	12.6		7.3		
16	R	9 34	10.2	13.5	11.3	5.4	5.9		
17	Y		9.0	10.5	9.5		4.1		
18	W		7.2	9.0	7.8		2.4 ~~3.4~~	The	End

Boat
115+00 S

Profile
No. ____ Notes Red 2 CW Plotted H.U.M.H. Job No. 842 Division No. ____
X-Sec. Date 10-7-46 Date 1946 Survey of Beach Erosion
No. ____ Notes Chkd. VE Checked ____ Survey by Heinecke Notes R.A. Date 9-13-46
Date 11-18-46 Date ____ Map No. ____ Indexed L. C. Johnson Date ____

F.B. 1285 Pg. 105

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1285 Pg. 106 | Job No. 8417 Division No. | Profile | Notes Red. Ellis Plotted H.U.M.H. No. | X-Sec.
Survey of Beach Erosion | Date 10-7-46 Date 10-16-46 | No.
Survey by Harvest Notes R.A. 9-13-46 Notes Chkd. H.E. Checked | No.
Indexed C. Johnson Date | Date 11-18-46 Date | No.

STATION #	Color	B. S. Time	Meas. Depth		F. S. Botom	Elev. Ht. Tide	Adj. Depth		Remarks
1	R	9 17	30.2	32.0	30.8	5.5 ✓	25.3	Page	112+50
2	Y		29.0	31.4	29.8		24.3		
3	W		28.6	30.8	28.7		23.2	Going	In
4	Y		27.0	28.8	27.6		22.1		
5	W		25.8	27.0	26.2		20.7		
6	R	9 56	24.6	26.3	25.1	5.6 ✓	19.5		
7	Y		23.0	25.0	23.7		18.1		
8	W		22.0	24.0	22.7		17.1		
9	Y		20.8	22.8	21.5		15.9		
10	W		19.5	21.0	20.6		14.4		
11	R	10 21	18.0	20.2	18.7	5.6 ✓	13.1		
12	Y		16.8	19.0	17.5		11.9		
13	W		15.6	16.9	16.0		10.4		
14	Y		14.2	16.3	14.9		9.3		
15	W		12.8	14.8	13.3		7.7		
16	R	10 04	11.1	13.0	11.9	5.6 ✓	6.3		
17	Y		9.8	13.0	10.9		5.3		
18	W		8.8	10.8	9.5		3.9		
19	Y		7.1	9.2	8.0		2.4		
20	W		6.6	8.0	6.7		1.1	The	End

Bar 112+55 S.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	→ From pg. 9. (Gr. Elev.)	
112+50 -5	175	2750		2575	Range Line ∡ = 90°	F.S. on 5-7.
			19	256	9' R.	
			15	260	28' R.	
			82	193	46' R. - Ed. Beach	
T.P.	143	1810	1083	1667	69' R - Beach	
			45	136	107' R - "	
			67	114	139' R - "	
TP	165	1046	929	881	170' R - "	End - 9-21-46
			39	66	194' R - "	
			65	40	231' R - Water	
			96	09	291' R - "	
			109	-04	322' R - "	
			107	-02	354' R - "	
			111	-06	408' R - "	
			124	-19	445' R - "	

Shore
112+50 S.

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date ____ Date 1946 Survey of Beach Erosion
No. ____ Notes Chkd. ____ Checked ____ Survey by Memeck Notes GWK Date 8-19-46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1285 Pg. 107

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
110+00 -S	219	28.25		26.06	→ From pg. 9. Range Line ∡ = 90°	F.S. on 5.7
			22	26.0	21' R - T.B.	
			93	18.9	47' R - Ed. Beach	
T.P.	180	18.38	11.67	16.58		
			37	14.7	84' R - Beach.	
			57	12.7	123' R - "	
			79	10.5	150' R - "	
T.P.	130	10.17	9.51	8.17	170' R - "	8-20-46
			34	6.[illegible]	194' R - "	
			48	5.[illegible]	2[illegible]3' R - "	
			72	2.0	247' R - Water.	
			8[illegible]	1.5	[illegible]' R - "	
			9[illegible]	[illegible]	[illegible]' R - "	
			[illegible]	0.5	345' R - "	
			109	-0.7	386' R - "	

Shore
110+00 S.

F.B. 1285 PG. 108 Job No. 8412 Division No. Notes Red. Plotted H. U. M. H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Alexander Notes G.W.K. - 8-10-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ At	~~Sight~~	#	Color	Time	Hor. Ang.	Remarks
110 400(S)	5-6	1	R	10 33	89 25	Range Line ∠ = 90° F.S. on 5-6
		2	Y		89 45	
		3	W		90 50	
		4	Y		89 20	
		5	W		90 25	
		6	R	10 43	90 10	
		7	Y		90 00	
		8	W		90 10	
		9	Y		90 20	
		10	W		90 00	
		11	R	10 47	90 35	
		12	Y		90 00	
		13	W		89 55	
		14	Y		90 45	
		15	W		89 50	
		16	R	10 51	90 20	
		17	Y		90 05	
		18	W		90 15	
		19	Y		89 55	

Range
110 + 00 S.

Profile No. ____ Notes Red. ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Date ____
Plotted H.U.M.H. Date 1946. Checked ____ Date ____
Job No. 841 Division No. ____ Survey of Beach Erosion Survey by Klemeck Notes Gwk Date 9-13-46 Map No. ____ Indexed C. Johnson Date ____

F.B. 1285 PG 109

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
107+50	5-6	1	R	[illegible]	90 5	Range Line ∡ = 90° F.S. on 5-6	
		2	Y		89 50		
		3	W		[illegible]		
		4	Y		90 00		
		5	W		90 [illegible]		
		6	R	11 10	90 00		
		7	Y		90 [illegible]		
		8	W		90 [illegible]		
		9	Y		90 [illegible]		
		10	W		90 [illegible]		
		11	R	11 15	90 40		
		12	Y		90 40		
		13	W		90 25		
		14	Y		90 00		
		15	W		89 55		
		16	R	11 18	90 40		
		17	Y		90 05		
		18	W		90 00		
		19	Y		90 [illegible]		
		20	W		90 [illegible]		
		21	R	11 20	90 00		

Range 107+50 S.

F.B. 1285 PG. 110 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No. X-Sec.
Survey by Meiners Notes GWK 9-13-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
102+50	5-6	1	R	10:34	64-50	Range 110+00
		2	Y		62-30	
		3	W		61-35	
		4	Y		58-15	
		5	W		57-15	
		6	R	10:43	55-35	
		7	Y		54-10	
		8	W		53-15	
		9	Y		51-35	
		10	W		49-30	
		11	R	10:47	48-40	
		12	Y		45-05	
		13	W		43-25	
		14	Y		42-25	
		15	W		39-50	
		16	R	10:51	37-40	
		17	Y		35-50	
		18	W		33-20	
		19	Y		32-20	

Cut in. 110+00 S.

Profile No. ____ Date ____ Notes Red ____ Plotted H. U. M. H. Date 10/46 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Hameen Notes J.G. Date 9-13-40 Map No. ____ Indexed A. C. Johnson Date ____

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____

F.B. 1285 Pg. 111

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
102+50	S-6	1	R	11:04	71-40	Range 107+50
		2	Y		71-00	
		3	W		69-55	
		4	Y		68-00	
		5	W		67-15	
		6	R	11:11	65-10	
		7	Y		63-50	
		8	W		61-50	
		9	Y		60-20	
		10	W		59-20	
		11	R	11:15	58-25	
		12	Y		57-45	
		13	W		55-55	
		14	Y		54-35	
		15	W		52-00	
		16	R	11:18	50-30	
		17	Y		49-25	
		18	W		47-20	
		19	Y		46-15	
		20	W		44-50	
		21	R	11:21	43-20	

Cut in. 107+50 S.

F.B. 1285 PG. 112

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. No. ____ Profile

Survey of Beach Erosion Date ____ Date 1946 X-Sec.

Survey by Niemeck Notes J. Gregory 9-13-46 Notes Chkd. ____ Checked ____

Indexed L. C. Johnson Date ____ Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No.____ X-Sec. No.____ Notes Red. Date 10-7-46 Notes Chkd. Date 11-18-46 Plotted H.U.M.H. Date 12-4-46 Checked Date Job No. F-22 Division No.____ Survey of Reed Fraser Survey by Maurer Notes C.A. Date 9-13-46 Map No.____ Indexed J.C.D. Date

F.B. 1225 PG. 113

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Tide	Adj. Depth		Remarks
1	R	1034	29.8	32.0	30.5	5.6 ✓	24.9 ✓	Range	110+00
2	Y		28.5	30.8	29.3		23.7 ✓		
3	W		27.6	30.0	28.3		22.7 ✓	Boiny	In
4	Y		26.3	28.8	27.1		21.5 ✓		
5	W		25.0	26.8	25.6	✓	20.0 ✓		
6	R	1041	24.0	25.6	~~24.5~~	5.6	18.9 ✓		
7	Y		23.0	25.0	23.7		18.1 ✓		
8	W		22.0	23.8	22.6		17.0 ✓		
9	Y		20.8	22.3	21.3		15.7 ✓		
10	W		19.6	21.1	20.1	✓	14.5 ✓		
11	R	1047	18.3	20.0	18.9	5.5	13.4 ✓		
12	Y		17.0	18.5	17.5		12.0 ✓		
13	W		16.0	17.3	16.4		10.9 ✓		
14	Y		15.0	16.3	15.4		9.7 ✓		
15	W		13.5	15.6	14.2	✓	8.7 ✓		
16	R	1051	12.0	13.8	12.6	5.5	7.1 ✓		
17	Y		11.0	13.0	~~11.3~~		6.2 ✓		
18	W		9.5	11.3	~~8.6~~ 8.0		4.6 ✓		
19	Y		7.0	9.9	~~9.9~~		2.5 ✓	The	End

Boat 110+00.5

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Botom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	11 04	29.1	31.0	29.7	5.4	24.3	Range	107 +50
2	Y		28.0	30.2	28.7		23.3		
3	W		27.0	28.8	27.6		22.2	Going	In
4	Y		25.8	27.8	26.5		21.1		
5	W		24.8	26.3	26.3		20.9		
6	R	11 11	23.5	25.0	24.0	5.3	18.7		
7	Y		22.0	23.5	22.5		17.2		
8	W		21.0	22.5	21.5		16.2		
9	Y		20.0	21.8	20.6		15.3		
10	W		19.0	20.2	19.4 ~~18.4~~		14.1 ~~13.1~~		
11	R	11 15	18.0	19.3	18.4	5.3	13.1		
12	Y		17.0	18.8	17.6		12.3		
13	W		16.0	17.3	16.4		11.1		
14	Y		15.0	16.8	15.6		10.3		
15	W		14.0	15.9	14.6		9.3		
16	R	11 18	13.0	14.8	13.6	5.3	8.3		
17	Y		12.0	13.8	12.6		7.3		
18	W		11.0	12.3	11.4		6.1		
19	Y		10.0	11.3	10.4		5.1		
20	W		8.6	10.0	8.4 ~~9.1~~		3.1		
21	R	11 20	7.0	9.5	7.8		2.5	End.	

Boat 107+50 S.

F.B. 1285 Pg. 114

Job No. 8412 Division No. ____ Notes Red. Rem. Plotted H. U. M. H. Profile

Survey of Beach Erosion Date 10-7-46 Date 1946 No. ____

Survey by Tlemeck Notes R.A. 9-13-46 Notes Chkd. [illegible] Checked ____ X-Sec.

Indexed A. C. Johnson Date ____ Date 11-18-46 Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	From pg. 8. (Gr. Elev.)	
107+50 -S	218	2853		2635	Range Line ∡ = 90° F.J. on S-7	
			13	272	8' R.	
			17	268	25' R. - Brk. - T.B.	
			95	190	45' R - Ed. Beach	
T.P.	119	1835	1137	1716		
			34	150	78' R - Beach	
			51	133	118' R - "	
			75	109	145' R - "	
T.P.	186	1021	1000	835	175' R - "	
			42	60	197' R - "	
			63	39	227' R - water.	
			84	18	264' R - "	
			99	03	304' R - "	
			103	-01	332' R - "	
			103	-01	360' R - "	
			105	-03	377' R - "	

Shore
107+50 S.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8417 Division No. ____ F.B. 1285 Pg. 115
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Klemmeck Notes G.W.K. Date 9-19-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
105+00 S	203	2890		26 [illegible]	→ From pg. 8. Range Line Δ. = 90°	F.S. on 5-7.
			14	2[illegible]5	10' R.	
			28	261	21' R – Top B.	
			91	1[illegible]	39' R – Toe B.	
TP	057	1836	411	17 79	52' R – Beach	
			34	150	73' R – "	
			47	137	96' R – "	
			53	131	126' R – "	
TP	023	1035	824	1012	150' R – "	
			19	85	175' R – "	
			45	51	202' R – "	
			72	[illegible]	245' R – "	
			88	[illegible]	280' R – Water	
			100	[illegible]	307' R – "	
			99	[illegible]	341' R – "	
			105	[illegible]	[illegible] R – "	
			109	[illegible]	394' R – "	

Shore 105+00 S.

F.B. 1285 PG. 116 Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleineck Notes GWK – 8-20-46 Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION ~~Inst.~~ At	Sight ~~On~~	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
105+00 -(5)	S-6	1	C	11 39	89 40	Range Line ∡ = 90° F.S. on S-6
		2	Y		89 40	
		3	W		89 30	
		4	Y		89 35	
		5	W		89 30	
		6	R	11 47	89 40	
		7	Y		89 55	
		8	W		89 50	
		9	Y		90 00	
		10	W		89 50	
		11	C	11 52	90 00	
		12	Y		90 05	
		13	W		90 25	
		14	Y		89 50	
		15	W		89 40	
		16	R	11 55	90 05	
		17	Y		89 55	
		18	W		89 45	
		19	Y		90 00	
		20				

Range 105+00 S.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date 1/9/16 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes GWK Date 9-13-46
Date ____ Date ____ Map No. ____ Andrew Johnson Date ____

F.B. 1285 PG. 117

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
102 +50	5-6	1	R	1025	8955	Range Line ∡=90°	F.S. on 5-6
		2	Y		9000		
		3	W		9000		
		4	Y		8955		
		5	W		8950		
		6	R	1033	8955		
		7	Y		8950		
		8	W		8955		
		9	Y		8930		
		10	W		8955		
		11	R	1037	8955		
		12	Y		9000		
		13	W		9000		
		14	Y		9020		
		15	W		9010		
		16	R	1040	9020		
		17	Y		8950		
		18	W		9025	End.	

Range 102+50 S.

F.B. 1285 PG. 118 Job No. 8412 Division No. Notes Red. Date Plotted H.U.M.H. Date 1946 No. Profile
Survey of Beach Erosion Notes Chkd. Date Checked No. X-Sec.
Survey by Heineck Notes G.W.R. 9-16-46 Date
Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00	S-6	1	R	11:40	107-30	Range 105+00
		2	Y		107-50	
		3	W		109-50	
		4	Y		110-50	
		5	W		112-30	
		6	R	11:47	113-40	
		7	Y		115-40	
		8	W		118-20	
		9	Y		119-50	
		10	W		121-00	
		11	R	11:53	122-50	
		12	Y		124-30	
		13	W		125-30	
		14	Y		127-10	
		15	W		128-20	
		16	R	11:55	129-30	
		17	Y		131-40	
		18	W		134-10	
		19	Y		135-35	

Cut in 105+00 S.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 119
Date ____ Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Hlamek Notes J.G. Date 9-13-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00	5-6	1	R	10:26	115-25	Range 102+50
		2	Y		116-30	
		3	W		120-05	
		4	Y		121-25	
		5	W		124-00	
		6	R	10:34	125-25	
		7	Y		127-40	
		8	W		128-30	
		9	Y		129-55	
		10	W		132-25	
		11	R	10:38	134-20	
		12	Y		136-30	
		13	W		138-35	
		14	Y		141-30	
		15	W		142-25	
		16	R	10:41	143-50	
		17	Y		144-45	
		18	W		147-30	

Cut in 102+50 S.

F.B. 1285 Pg. 120 | Job No. 84W | Division No. | Notes Red. | Plotted H.U.M.H. | Profile
Survey of Beach Erosion | Date | Date 1946 | No. | X-Sec.
Survey by Hameck | Notes V Gregory 7-16-46 | Notes Chkd. | Checked | No.
Indexed A. C. Johnson | Date | Date | Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.	Adj. Depth	Remarks
1	R	1140	29.0-30.6	29.5	5.0	24.5	Range 105+00
2	Y		27.9-29.8	28.5		23.5	Going in.
3	W		26.8-28.0	27.2		22.2	
4	Y		25.5-27.3	26.1		21.1	Copied from
5	W		24.5-26.0	25.0		20.0	another sheet
6	R	1147	23.5-26.0	24.3	4.9	19.4	GWK
7	Y		22.0-23.3	22.4		17.5	
8	W		20.8-23.0	21.5		16.6	
9	Y		19.7-21.5	20.3		15.4	
10	W		18.0-20.0	18.7		13.8	
11	R	1153	17.0-18.3	17.4	4.8	12.6 ~~13.6~~	
12	Y		16.0-17.5	16.5		11.7	
13	W		14.5-16.3	15.1		10.3	
14	Y		13.5-15.1	14.0		9.2	
15	W		12.5-13.7	12.9		8.1	
16	R	1155	11.3-13.2	11.9	4.8	7.1	
17	Y		10.2-12.3	10.9		6.1	
18	W		8.6-10.3	9.2		4.4	
19	Y		7.2-9.2	7.9		3.1	

Boat
105+00 S.

Profile
Notes Red Lcur Plotted H.U.M.H. Job No. 8412 Division No.
No. Date 10-7-46 Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. JZ Checked Survey by Kleinecke Notes R.A. Date 9-13-46
No. Date 11-18-46 Date Map No. Indexed Johnson Date

F.B. 1285 PG. 121

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B.S. Time	Meas. Depth	F.S. Botom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	11 13	29.2-31.0	29.8			GOING IN Range 100+00
2	Y		27.8-29.8	28.5			
3	W		26.8-28.8	27.5			
4	Y		25.5-27.8	26.3			
5	W		24.0-26.0	24.7			
6	R	11 23	22.8-24.8	23.5			
7	Y		21.3-23.2	21.9			
8	W		19.3-21.4	20.0			
9	Y		17.8-19.5	18.4			
10	W		16.2-19.2	17.2			
11	R	11 28	14.8-17.1	15.6			
12	Y		13.2-15.3	13.9			
13	W		11.0-13.0	11.7			
14	Y		9.5-12.2	10.4			
15	W		8.0-10.0	8.7			
16	R	11 31	7.0-9.5	7.8			END OF LINE

Copied
Ink

F.B. 1285 Pg. 122

Job No. 842 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No.
Survey by Reinert Notes H.R.S. 9-16-46 Notes Chkd. Checked X-Sec.
Indexed L. C. Johnson Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ Notes Red. Lawr Plotted M.U.M.H. Job No. 847 Division No. ____
X-Sec. No. ____ Date 10-7-46 Date 10-16-46 Survey of Beach Erosion Notes Yes Date 9-16-46
Notes Chkd. RE Checked GHG Survey by Meunier Notes Yes Date 9-16-46
Date 11-18-46 Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 285 Pg. 123

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	1025	29.5-31.0	30.0	5.1	24.9	Going in. Range 102+50
2	Y		28.0-29.5	28.5		23.4	
3	W		27.0-28.8	27.6		22.5	
4	Y		25.6-27.2	26.1		21.0	
5	W		24.0-26.2	24.7		19.6	
6	R	1033	22.0-25.2	23.7	5.1	18.6	
7	Y		22.5-23.8	22.9		17.8	
8	W		20.8-23.2	21.6		16.5	
9	Y		19.3-21.7	20.1		15.0	
10	W		18.2-20.2	18.9		13.8	
11	R	1038	16.8-20.0	17.9	5.2	12.7	
12	Y		15.5-17.6	16.2		11.0	
13	W		14.0-16.0	14.7		9.5	
14	Y		12.5-14.3	13.1		7.9	
15	W		11.0-13.5	11.8		6.6	
16	R	1041	10.0-13.0	11.0	5.3	5.7	
17	Y		8.5-10.5	9.2		3.9	
18	W		7.0-9.0	7.7		2.4	End of Line

Boat 102+50 S.

F.B. 128 PG. 124

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

STATION	B. S.	H. I. Meas. Depth	F. S.	ELEV.		Remarks
# Color	Time	Depth	Bottom	Tide	Adj. Depth	

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
102+50 -S	227	2847		2620	→ From pg. 8 Range Line ∡ = 90°	F.S. on S-7
			18	267	8' R	
			20	265	22' R - T. B.	
			87	198	38' R - Toe B.	
TP	139	1876	1110	1737	54' R - Beach.	
			42	146	81' R - "	
			58	130	106' R - "	
			83	105	138' R - "	
TP	162	1025	1013	863	160' R - "	
			[illegible]	60	[illegible] R - "	
			65	38	229' R - Water	
			84	18	[illegible] R - "	
			97	05	[illegible] R - "	
			100	02	[illegible] R - "	
			101	01	[illegible] R - "	

Shore
102+50 S.

Profile No. ____ Notes Red ____ Plotted H. U. M. H. Job No. 8417 Division No. ____ F.B. 1285 Pg. 125
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Howard Notes Bulk Date 8-20-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
100+00 S	0 92	2799		2707	From pg. 8 Barge Line ∡ = 90° F.S. on S-5
			19	261	22' R - T. BK.
			76	204	34' R - S. BK.
T.P.	1 32	1815	1116	1683	
			43	139	61' R - Toe bk.
			49	133	93' R - Beach
			61	121	124' R - "
T.P.	0 [illegible]	1027	865	947	150' R - "
			17	86	[illegible]
			[illegible]	[illegible]	[illegible]
			63	[illegible]	[illegible]
			[illegible]	[illegible]	[illegible]
			[illegible]	11	[illegible]
			[illegible]	[illegible]	[illegible]
			[illegible]	[illegible]	[illegible]
			[illegible]	[illegible]	[illegible]

Shore 100+00 S.

F.B. 1285 Pg. 126 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Klewicek Notes GWK - 8-21-46 Notes Chkd. Checked No.
Indexed L. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
100 400	S-5	1	R	11 13	90 15	Range Line ∠ = 90°
		2	Y		90 00	
		3	W		90 00	
		4	Y		90 00	
		5	W		90 00	
		6	R	11 23	90 00	
		7	Y		89 50	
		8	W		90 05	
		9	Y		89 45	
		10	W		90 00	
		11	R	11 28	89 50	
		12	Y		90 00	
		13	W		90 10	
		14	Y		89 40	
		15	W		90 40	
		16	R	11 31	91 40	End.
		17				
		18				

Range 100 400 S.

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8417 Division No. ____ F.B. 1285 G. 127
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Blewett Notes Gulf Date 9-16-46
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.
Job No. Division No. Notes Red. Date Plotted Date
Survey of Notes Chkd Checked Date
Survey by Notes Date
Indexed Date

F.B. 285 Pg. 128

STATION	B. S.	H. I.	F. S.	ELEV.	Remarks
Lost Sight At 1 On #		Color Time Hor. Ang.			

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	11 13	29.2-31.0	29.8	5.5	24.3	Going In. Range 100+00
2	Y		27.8-29.8	28.5		23.0	
3	W		26.8-28.8	27.5		22.0	
4	Y		25.5-27.8	26.3		20.8	
5	W		24.0-26.0	24.7		19.2	
6	R	11 23	22.8-24.8	23.5	5.6	17.9	
7	Y		21.3-23.2	21.9		16.3	
8	W		19.3-21.4	20.0		14.4	
9	Y		17.8-19.5	18.4		12.8	
10	W		16.2-19.2	17.2		11.6	
11	R	11 28	14.8-17.1	15.6	5.6	10.0	
12	Y		13.2-15.3	13.9		8.3	
13	W		11.0-13.0	11.7		6.1	
14	Y		9.5-12.2	10.4		4.8	
15	W		8.0-10.0	8.7		3.1	
16	R	11 31	7.0-9.5	7.8	5.6	2.2	End of Line

Boat
100+00 S.

Profile
No. _____ Date 10-7-46 Notes Red Lewis Plotted H.U.M.H. Job No. 847 Division No. _____
X-Sec. No. _____ Date 11-18-46 Notes Chkd. [illegible] Checked _____ Date _____ Survey of Beach Erosion Survey by Meineck Map No. _____ Notes H.R.S. Date 9-16-46 Indexed P. Johnson Date _____

F B 1285 PG 129

F.B. 1285 PG. 130 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

#	STATION	B. S.	H. I.	F. S.	ELEV.		
Color		Time	Meas. Depth	Bottom	Ft. Tide	Adj. Depth	Remarks

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00	S-6	1	R	11:14	122-45	Range 100+00
		2	Y		125-40	
		3	W		127-30	
		4	Y		130-15	
		5	W		133-10	
		6	R	11:24	134-55	
		7	Y		137-55	
		8	W		140-30	
		9	Y		142-55	
		10	W		145-45	
		11	R	11:28	147-05	
		12	Y		149-45	
		13	W		151-15	
		14	Y		153-15	
		15	W		155-15	
		16	R	11:32	156-45	

Cut in. 100+00 S.

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ F.B. 1285 Pg. 131

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of Beach Erosion Survey by Kleineck Notes J.G. Date 9-16-46

Map No. ____ Date ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00	S-6	1	R	11:45	129-30	Range 97+50
		2	Y		132-30	
		3	W		136-35	
		4	Y		139-10	
		5	W		140-30	
		6	R	11:54	143-05	
		7	Y		144-30	
		8	W		145-50	
		9	Y		147-30	
		10	W		149-20	
		11	R	11:58	150-30	
		12	Y		153-00	
		13	W		154-35	
		14	Y		155-10	
		15	W		156-35	
		16	R	12:02	158-00	
		17	Y		159-00	
		18	W		159-15	

Cut in 97+50 S.

F.B. 1285 G. 132 Job No. 8412 Division No. Notes Red Plotted H. U. M. H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleineck Notes J. Gregory 9-16-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
97	5-5	1	R	1144	9000	Range Line ∡ = 90° F.S. on 5-5
+50		2	Y		9010	
		3	W		9010	
		4	Y		9005	
		5	W		9005	
		6	R	1152	9005	
		7	Y		9005	
		8	W		8940	
		9	Y		8955	
		10	W		9050	
		11	R	1158	9030	
		12	Y		8940	
		13	W		8925	
		14	Y		8950	
		15	W		8955	
		16	R	1201	8935	
		17	Y		8940	
		18	W		9015	

Range
97+50 S.

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Meinzer Notes Fwk Date 9-16-46
Map No. ____ Date ____ Indexed C. Johnson Date ____

F.B. 1285 PG. 133

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
95	5-5	1	C	1217	89-[illegible]	Change line [illegible] = 90° F.S. on 5-5
+00		2	Y		[illegible]	
-5		3	W		[illegible]	
		4	Y		[illegible]	
		5	W		[illegible]	
		6	C	1224	[illegible]	copied GWK
		7	Y		[illegible]	
		8	W		[illegible]	
		9	Y		89-25	
		10	W		89-20	
		11	C	1229	[illegible]	
		12	Y		[illegible]	
		13	W		[illegible]	
		14	Y		[illegible]	
		15	W		[illegible]	
		16	C	1231	[illegible]	
		17	Y		[illegible]	
		18	W		[illegible]	
		19	Y		[illegible]	
		20	W		[illegible]	

F.B. 1285 PG. 134

Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Date 1946 No. Profile

Survey of Green Station Date Checked No. X-Sec.

Survey by Warren Notes GWK 9-16-46 Notes Chkd Date No.

Indexed C. Johnson Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	1025	29.5-31.0	30.0			GOING IN RANGE 102+50
2	Y		28.0-29.5	28.5			
3	W		27.0-28.8	27.6			
4	Y		25.6-27.2	26.1			
5	W		24.0-26.2	24.7			
6	R	1033	23.0-25.2	23.7			
7	Y		22.5-23.8	22.9			
8	W		20.8-23.2	21.6			Copied GWK
9	Y		19.3-21.7	20.1			
10	W		18.2-20.2	18.9			
11	R	1037	16.8-20.0	17.9			
12	Y		15.5-17.6	16.2			
13	W		14.0-16.0	14.7			
14	Y		12.5-14.3	13.1			
15	W		11.0-13.5	11.8			
16	R	1041	10.0-13.0	11.0			
17	Y		8.5-10.5	9.2			
18	W		7.0-9.0	7.7			END OF LINE

Profile No. ____ Notes Red. LCW Plotted H.U.M.H. Job No. 841 Division No. ____ F.B. 1285 Pg. 135
Date 10-7-46 Date 1946 Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Mlaneck Notes H.R.S. Date 9-16-46
Date ____ Date ____ Map No. ____ Index C. Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	11 44	29.5-31.0	29.9	5.7	24.2	GOING IN RANGE 97+50
2	Y		28.0-30.0	28.7		23.0	
3	W		26.6-28.0	27.1		21.4	
4	Y		25.0-25.8	25.6		19.9	
5	W		23.8-25.8	24.5		18.8	
6	R	11 53	22.8-23.0	23.5	5.7	17.8	
7	Y		21.5-24.2	22.4		16.7	
8	W		19.8-22.0	20.5		14.8	
9	Y		18.5-2[illegible]	19.3		13.6	
10	W		17.5-18.9	17.0		12.3	
11	R	11 57	16.0-12.4	16.8	5.7	11.1	
12	Y		15.0-12.8	15.6		9.9	
13	W		14.0-1[illegible]	14.7		9.0	
14	Y		13.0-14.8	13.6		7.9	
15	W		11.6-14.8	12.0		6.9	
16	R	12 5[illegible]	10.1-12.0	10.7	5.7	5.0	
17	Y		9.0-11.0	9.7		4.0	
18	W		8.0-9.2	8.4		2.7	END OF LINE

Boat 97+50 S.

F.B. 1285 Pg. 136 Job No. 8412 Division No. Notes Red. Lowe Date 10-7-46 Plotted H.U.M.H. Date 1946 Profile No. X-Sec. No.

Survey of Beach Erosion Survey by Hemeck Notes H.R.S. Notes Chkd. [illegible] Checked Date 11-18-46 Date

Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
97+50 -S	094	2872		2778	→ From pg. 8 Range Line ∠ = 90°	F.S. on S-5
			11	276	14' R.	
			11	276	36' R - T. BK	
			62	225	50' R - S. BK.	
			121	166	72' R - T. BK - Edge Beach	
T.P.	305	1982	1195	1677		
			50	148	109' R - Beach	
			88	110	141' R - "	
T.P.	116	1032	1066	916	160' R - "	
			21	82	174' C - "	
			49	54	205' R - "	
			69	34	237' R - Water	
			87	16	277' R - "	
			100	03	315' R - "	
			101	02	340' R - "	
			103	00	363' C - "	
			109	-06	399' C - "	

Shore
97+50 S.

Profile
No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date ____ Date 1946 Survey of Beach Erosion
No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinsek Notes B.W.K. Date 8-21-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1285 PG. 137

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
95+00 -S	134	2965		2831	→ From pg 8 Range Line ∡ = 90° F.J. on S-5
			11	255	15' R.
			18	278	32' R - T. BK.
			104	192	54' R - Toe. BK - Edge Beach
TP	087	1874	1178	1787	
			54	133	98' R - Beach
			75	112	127' R - "
TP	067	1023	918	956	150' R - "
			19	[illegible]	172' R - "
			39	[illegible]	[illegible] R - "
			61	41	223' R - Water
			85	17	267' R - "
			95	07	300' R - "
			100	02	330' R - "
			103	-01	360' R - "
			107	-05	378' R - "

Shore 95+00 S.

F.B. 1285 Pg. 138 Job No. 8412 Division No. Notes Red. Date Plotted H.U.M.H. Date 1946. No. Profile
Survey of Beach Erosion Date Notes Chkd. Checked No. X-Sec.
Survey by Hewlett Notes Jnt. 8-21-46 Date
Indexed A. C. Johnson Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
95+00 -5	5-5	1	R	12 17	89 40	Range Line ∡ = 90° F.S. on 5-5
		2	Y		89 40	
		3	W		89 45	
		4	Y		89 10	
		5	W		89 30	
		6	R	12 24	89 30	
		7	Y		89 10	
		8	W		89 15	
		9	Y		89 05	
		10	W		89 20	
		11	R	12 29	89 30	
		12	Y		89 50	
		13	W		89 30	
		14	Y		88 55	
		15	W		89 25	
		16	R	12 31	88 30	
		17	Y		89 50	
		18	W		91 10	
		19	Y		89 40	
		20	W		91 20	

Range 95+00 S.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 139
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Meineck Notes: Bwk Date 9-16-46
Date ____ Date ____ Map No. ____ Indexed S. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
92+50 -5	5-5	1	R	144	89 50	Range Line ∡ = 90° F.S. on 5-5
		2	Y		90 55	
		3	W		90 00	
		4	Y		90 15	
		5	W		90 20	
		6	R	154	90 30	
		7	Y		90 50	
		8	W		90 15	
		9	Y		90 15	
		10	W		90 15	
		11	R	200	90 30	
		12	Y		90 45	
		13	W		90 00	
		14	Y		90 40	
		15	W		91 00	
		16	R	203	90 45	
		17	Y		91 15	
		18	W		92 05	End.

Range 92+50 5.

F.B. 1285 Pg. 140 Job No. 8412 Division No. Notes Red Date Plotted H.U.M.H. Date 1946 No. Profile
Survey of Beach Erosion Notes Chkd. Date Checked No. X-Sec.
Survey by Plemeck Notes Gwk 9-16-46 Date
Indexed A. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00	S-6	1	R	12:18	134-55	Range 95+00
		2	Y		136-00	
		3	W		139-00	
		4	Y		141-00	
		5	W		143-40	
		6	R	12:25	144-50	
		7	Y		146-40	
		8	W		148-10	
		9	Y		149-55	
		10	W		151-40	
		11	R	12:29	153-20	
		12	Y		154-10	
		13	W		155-35	
		14	Y		157-00	
		15	W		158-30	
		16	R	12:32	160-05	
		17	Y		161-05	
		18	W		161-30	
		19	Y		162-40	
		20	W		163-45	

Cut in 95+00 S.

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion
X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Date ____ Survey by K Notes V.G Date 9-16-46
Map No. ____ Indexed C. Johnson Date ____

F.B. 1285 PG. 141

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
100+00	S-5	1	R	1:45	113-20	Range 92+50
		2	Y		116-55	
		3	W		118-25	
		4	Y		119-35	
		5	W		123-10	
		6	R	1:55	124-05	
		7	Y		125-55	
		8	W		128-10	
		9	Y		129-20	
		10	W		131-20	
		11	R	2:01	134-10	
		12	Y		135-20	
		13	W		137-30	
		14	Y		140-05	
		15	W		142-10	
		16	R	2:04	144-15	
		17	Y		145-45	
		18	W		147-30	

Cut in 92+50 S.

F.B. 1285 PG. 142 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleineck Notes J. Gregory 9-16-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Mt. Tide	Adj. Depth		Remarks
1	R	12 17	[illegible]	[illegible]	5.8	24.5	Going in	Range [illegible]
2	Y		28.5-30.1	29.0		23.2		
3	W		[illegible]	28.1		22.3		
4	Y		25.5-28.4	27.2		21.4		
5	W		25.2-27.2	25.9		20.1		
6	R	12 24	24.0-26.4	24.8	5.8	19.0		
7	Y		22.8-24.8	23.5		17.7		
8	W		21.[illegible]-[illegible]	22.[illegible]		16.8		
9	Y		[illegible]	21.1		15.3		
10	W		[illegible]	20.1		14.3		
11	R	12 28	18.0-[illegible]	18.5	5.8	12.9		
12	Y		16.5-18.3	17.1		11.3		
13	W		[illegible]	15.8		10.0		
14	Y		14.0-16.0	14.7		8.9		
15	W		13.0-15.0	13.7		7.9		
16	R	12 31	12.0-13.8	12.6	5.8	6.8		
17	Y		10.2-12.8	11.3		5.5		
18	W		9.5-11.5	10.2		4.4		
19	Y		7.8-11.3	8.6		2.8		
20	W		7.0-9.5	7.8		2.0	[illegible]	[illegible]

Boat 95+00 S.

Profile No. ____ Notes Red. Lowe Plotted H.U.M.H. Job No. 841 Division No. ____ F.B. 1285 G. 143
Date 10-7-46 Date 1946 Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Maniec Notes [illegible] Date 9-16-46
Date 11-18-46 Date ____ Map No. ____ Indexed S. Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	K	1344	[illegible]	[illegible]	30.3 5.4	24.9	[illegible] 92+50
2	Y		[illegible]	[illegible]	29.1	23.7	
3	W		[illegible]	301	28.4	23.0	
4	Y		[illegible]	[illegible]	27.1	21.7	
5	W		[illegible]	[illegible]	25.7	20.3	
6	[illegible]	1351	[illegible]	[illegible]	24.7 5.3	19.4	
7	Y		[illegible]	[illegible]	23.2	17.9	
8	W		[illegible]	[illegible]	22.0	16.7	
9	Y		[illegible]	[illegible]	21.2	15.9	
10	Y	2:00	[illegible]	[illegible]	19.2	13.9	
11	[illegible]	~~1400~~	[illegible]	[illegible]	18.0 5.2	12.8	
12	Y		[illegible]	[illegible]	16.5	11.3	
13	W		140	170	15.3	10.1	
14	[illegible]		12[illegible]	15[illegible]	13.6	8.4	
15	[illegible]	2:03	[illegible]	131	12.0	6.8	
16	[illegible]	~~1403~~	10[illegible]	[illegible]	10.7 5.2	5.5	
17	[illegible]		[illegible]	[illegible]	9.2	4.0	
18	[illegible]		[illegible]	[illegible]	7.9	2.7	

Boat 92+50 S.

F.B. 1285 PG. 144
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Wemeck Notes
Indexed A. C. Johnson Date
Notes Red. Lowe Date 10-7-46
Notes Chkd. [illegible] Date 11-18-46
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					From pg. 8	
92+50 -5	1.34	2951	.	2817	Range Line ∡ = 90°	F.S on S-5
			09	286	11' R.	
			18	277	30' R - T. BK.	
			98	197	52' R - Toe BK. - Edge Beach	
TP	0 94	1853	1192	1759		
			27	158	78' R - Beach	
			54	131	111' R - "	
TP	1 39	1030	962	891	160' R - "	
			25	78	176' R - "	
			50	53	205' R - "	
			72	31	238' R - Water	
			85	18	270' R - "	
			98	05	307' R - "	
			101	02	328' R - "	
			103	00	352' R - "	

Shore
92+50 S.

Profile Notes Red. ____ Plotted H.U.M.H Job No. 8442 Division No. ____ F.B/1285 PG. 145
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Hanna Notes Gulk Date 8-21-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. G. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					From pg. 8.
90+00 -S	262	3047		2785	Range Line ∡ = 90° F.S. on S-5
			27	278	9' R.
			23	282	28' R - T. BK.
			113	192	53' R - Toe BK - Edge Beach
T.P	042	1977	1112	1935	
			38	160	73' R - Beach
			58	140	122' R - "
			65	133	125' R - "
T.P	133	1069	1041	936	155' R - "
			37	70	179' R - "
			66	01	221' R - "
			85	22	252' R - Water
			96	11	285' R - "
			105	02	316' R - "
			106	01	356' R - "

Shore
90+00 S.

F.B/285 PG. 146 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Heineck Notes SWS - 8-21-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
92 +50	5-5	1	R	144	89 50	Range Line ∡ = 90° F.S. on 5-5
		2	Y		90 55	
		3	W		90 00	
		4	Y		90 15	
		5	W		90 20	
		6	R	154	90 30	
		7	Y		90 50	
		8	W		90 15	Copied
		9	Y		90 15	GWK
		10	W		90 15	
		11	R	200	90 30	
		12	Y		90 45	
		13	W		90 00	
		14	Y		90 40	
		15	W		91 00	
		16	R	203	90 45	
		17	Y		91 15	
		18	W		92 05	End.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 147
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinrock Notes GWK Date 9-16-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	B.S. Sight On	H.I. #	Color	F.S.	ELEV. Time Hor. Ang.		Remarks
90+00	5-5	1	R	221	90 15	Range Line ∡ = 90°	F.S. on 5-5
		2	Y		90 20		
		3	W		90 30		
		4	Y		90 5		
		5	W		90 40		
		6	R	231	90 20		
		7	Y		90 20		
		8	W		90 45		
		9	Y		89 20		
		10	W		89 30		
		11	R	235	90 10		
		12	Y		90 40		
		13	W		89 30		
		14	Y		89 45		
		15	W		90 40		
		16	R	238	89 25		
		17	Y		89 30		
		18	W		90 40		
		19	Y		90 50	End.	

Range 90+00 S.

F.B. 1285 Pg. 148 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Heineck Notes Gwk 9-16-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
100+00	S-5	1	R	2:22	120-30	Range 90+00
		2	Y		123-00	
		3	W		125-50	
		4	Y		127-55	
		5	W		132-00	
		6	R	2:31	132-50	
		7	Y		134-10	
		8	W		136-00	
		9	Y		137-50	
		10	W		139-45	
		11	R	2:35	141-15	
		12	Y		142-25	
		13	W		144-50	
		14	Y		146-20	
		15	W		147-30	
		16	R	2:39	148-55	
		17	Y		151-10	
		18	W		152-55	
		19	Y		154-40	

Cut in 90+00 S.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 PG. 149
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by K Notes J.G. Date 9-16-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION At	Sight On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.		Remarks
100+00	5-5	1	R	3:05	127-20		Range 87+50
		2	Y		129-30		
		3	W		131-45		
		4	Y		133-20		
		5	W		135-15		
		6	R	3:15	137-40		
		7	Y		139-35		
		8	W		141-35		
		9	Y		143-30		
		10	W		145-40		
		11	R	3:20	146-30		
		12	Y		147-40		
		13	W		150-00		
		14	Y		151-15		
		15	W		152-55		
		16	R	3:24	154-15		
		17	Y		155-45		
		18	W		157-25		
		19	Y		158-20		

Cut in 87+50 S.

F.B. 1285 PG. 150 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleineck Notes J. Gregory 9-16-46 Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	W	1421	29 3	31 4	30.0 5.0	25.0	[illegible]
2	Y		[illegible]	31 0	29.0	24.0	
3	W		27 0	29 0	27.7	22.7	
4	Y		25 8	27 8	26.5	21.5	
5	W		24 5	26 3	25.1	20.1	
6	R	1431	23 5	[illegible]	24.1 4.9	19.2	
7	Y		22 3	24 6	23.1	18.2	
8	W		20 5	23 5	21.5	16.6	
9	Y		19 5	21 9	20.3	15.4	
10	W		18 5	21 0	19.3	14.4	
11	R	1435	[illegible]	[illegible]	17.6 4.8	12.8 ~~13.8~~	
12	Y		16 0	18 1	16.7	11.9	
13	W		15 0	16 5	15.5	10.7	
14	Y		14 0	15 8	14.6	9.8	
15	W		13 0	14 8	13.6	8.8	
16	R	1438	11 8	13 5	12.4 4.8	7.6	
17	Y		10 5	12 0	11.0	6.2	
18	W		8 8	9 [illegible]	9.3	4.5	
19	Y		6 5	9 [illegible]	7.3	2.5	

Boat
90+00 S.

Profile No. ____ Notes Red. Lewis Date 10-7-46 Plotted H.U.M.H. Date 1946 Job No. 841 Division No. ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. [illegible] Date 11-18-46 Checked ____ Date ____ Survey by Meneck Notes ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1285 PG. 157

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.				
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj.	Depth		Remarks
1	R	1500	[illegible]	[illegible]	29.7	4.3	25.4	[illegible]	Range 8450
2	Y		[illegible]	[illegible]	28.6		24.3		
3	W		26.5	[illegible]	27.1		22.8		
4	Y		[illegible]	[illegible]	26.1		21.8		
5	W		24.[illegible]	[illegible]	25.1		20.8		
6	Y	1513	[illegible]	[illegible]	24.1	4.2	19.9		
7	Y		[illegible]	[illegible]	23.3		19.1		
8	W		21.5	[illegible]	22.2		18.0		
9	Y		[illegible]	[illegible]	20.7		16.5		
10	W		[illegible]	[illegible]	19.5		15.3		
11	R	[illegible]	17.5	19.[illegible]	18.0	4.1	13.9		
12	Y		16.[illegible]	[illegible]	16.9		12.8		
13	W		14.[illegible]	[illegible]	15.7		11.6		
14	Y		13.4	16.[illegible]	14.3		10.2		
15	W		[illegible]	[illegible]	13.3		9.2		
16	R	1522	11.3	[illegible]	12.0	4.1	7.9 ~~8.9~~	Boat. 87+50 S.	
17	Y		10.0	[illegible]	10.8		6.7		
18	W		[illegible]	10.5	9.4		5.3		
19	Y		7.[illegible]	[illegible]	7.9		3.8	[illegible]	[illegible]

F.B. 128 SF G. 152 Job No. 8412 Division No. Notes Red. [illegible] Date 10-7-46 Plotted H.U.M.H. Date 1946 Profile No. X-Sec. No.
Survey of Beach Erosion Notes Chkd. [illegible] Checked Date
Survey by Kleineck Date 11-18-46
Indexed C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
87+50	S-5	1	R	305	9000	Range Line ∡ = 90° F.S. on S-5
		2	Y		9010	
		3	W		9035	
		4	Y		9020	
		5	W		9005	
		6	R	313	9025	
		7	Y		9045	
		8	W		9100	
		9	Y		9050	
		10	W		9110	
		11	R	319	9025	
		12	Y		8940	
		13	W		9010	
		14	Y		9020	
		15	W		9035	
		16	R	322	8955	
		17	Y		9025	
		18	W		9200	
		19	Y		9300	

Range 87+50 S.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1285 Pg. 153
Date ____ Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Hleinecke Notes GWK Date 9-16-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____
A. C. Johnson

F.B/285 PG. 154

Job No. _____ Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of _____ Date _____ Date 1946 No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
Inst. Sight At On #		Color	Time	Hor. Ang.		Remarks

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
87+50 -5	211	3017		2806	From pg. 8 Range Line ∡ = 90°	F.S. on S-5
			21	281	10' R.	
			16	286	25' R - T. BK.	
			115	187	52' R - Toe BK - Edge Beach	
T.P.	069	1987	1099	1918		
			62	137	88' R - Beach	
			84	115	113' R - "	
T.P.	139	1050	1096	911	150' R - "	
			29	76	160' R - "	
			50	55	191' R - "	
			63	42	212' R - "	
			82	23	241' R - "	
			93	12	273' R - "	
			103	02	308' R - "	
			106	-01	333' R - "	

Shore
87+50 S.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 PG. 155
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinick Notes Bulk Date 8-21-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
85+00 S	086	2939		2853	From pg. 8 Range Line ∡ = 90° F.S. on S-4
			08	286	13' R.
			23	271	27' R. - T. BK
			118	176	44' R - Toe BK - Edge beach
T.P.	132	1928	1143	1796	
			50	143	82' R - Beach.
			55	138	110' R - "
T.P.	199	1081	1046	882	150' R - "
			45	[illegible]	171' R - "
			61	[illegible]	198' R - "
			77	[illegible]	219' R - Water.
			91	[illegible]	[illegible] R - "
			103	[illegible]	288' R - "
			106	[illegible]	310' R - "
			109	[illegible]	336' R - "

Shore 85+00 S.

B/1285 Pg. 156 Job No. 8412 Division No. Notes Red Plotted H. U. M. H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Merrick Notes Gift - 8-21-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
85+00	S-A	1	R	7:25	90° 00'	Range Line ∡ = 90° F.S. on S-A
		2	Y		90°-05'	
		3	W		89°-45'	
		4	Y		89°-45'	
		5	W		89°-55'	
		6	[illegible]	7:40	90°-05'	
		7	Y		89°-35'	
		8	W		89°-40'	
		9	Y		90°-10'	
		10	W		90°-10'	
		11	R	7:46	89°-50'	
		12	Y		90° 00'	
		13	W		89°-40'	
		14	Y		89°-45'	
		15	W		90°-05'	
		16	R	8:50	89°-55'	
		17	Y		90°-15'	
		18	W		90°-50'	
		19	Y		90°-10'	
		20				

Range 85+00 S.

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date ____ Date 1946 Survey of Beach Erosion
No. ____ Notes Chkd. ____ Checked ____ Survey by Klemme Notes Delilla Date 9-17-46
Date ____ Date ____ Map No. ____ Indexed A.C. Johnson Date ____

F.B. 1285 G. 157

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
82+50	S-4		1	R	8:14	90°-[illegible]	Range Line & 90° F.S. on S-4
			2	Y		89°-[illegible]	
			3	W		89°-[illegible]	
			4	Y		89°-[illegible]	
			5	W		90°-[illegible]	
			6	R	8:[illegible]	89°-[illegible]	
			7	Y		90°-[illegible]	
			8	W		90°-[illegible]	
			9	Y		89°-[illegible]	
			10	W		90°-[illegible]	
			11	R	8:30	90°-05'	
			12	Y		89°-[illegible]	
			13	W		89°-[illegible]	
			14	Y		90°-[illegible]	
			15	W		89°-[illegible]	
			16	R	8:34	89°-[illegible]	
			17	Y		90°-[illegible]	

Range 82+50 S.

F.B. 1785 Pg. 158 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Date 1946 No. Profile
Survey of Beach Erosion Date No. X-Sec.
Survey by Kleineck Notes DeTilla 9-17-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
92+50	5-5	1	R	7:26	112-30	Range 85+00
		2	Y		114-20	
		3	W		117-50	
		4	Y		120-20	
		5	W		121-55	
		6	R	7:40	123-55	
		7	Y		126-05	
		8	W		128-10	
		9	Y		129-35	
		10	W		131-00	
		11	R	7:46	132-30	
		12	Y		134-20	
		13	W		135-35	
		14	Y		137-00	
		15	W		138-50	
		16	R	7:50	142-05	
		17	Y		143-45	
		18	W		145-40	
		19	Y		147-10	

Cut in.
85+00 S.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 159
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by R Notes V.G. Date 9-17-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	Inst. Sight	B. S.	H. I.	F. S.	ELEV.		
At	On	#	Color	Time	Hor. Ang.		Remarks
92+50	S-5	1	R	8:14	122-45		Range 82+50
		2	Y		123-10		
		3	W		125-50		
		4	Y		129-25		
		5	W		131-50		
		6	R	8:26	133-45		
		7	Y		135-50		
		8	W		137-55		
		9	Y		138-55		
		10	W		141-30		
		11	R	8:30	142-30		
		12	Y		144-25		
		13	W		146-25		
		14	Y		149-40		
		15	W		151-35		
		16	R	8:35	153-20		
		17	Y		154-40		

Cut in 82+50 S.

F.B. 1295 Pg. 160

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date Date 1946 No. X-Sec.

Survey by Kleineck Notes J. Gregory 9-17-46 Notes Chkd. Checked No.

Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	Meas. Depth	F. S. Bottom	ELEV. Tide	Adj. Depth		Remarks
1	R	7 26	28.5-30.7	29.2	3.1	26.6	GOING IN	RANGE 85+00
2	Y		27.6-29.2	28.1		25.0		
3	W		26.0-28.0	26.7		23.6		
4	Y		25.0-27.0	25.7		22.6		
5	W		23.8-25.2	24.3		21.2		
6	R	7 40	22.8-26.0	23.9	3.1	20.8		
7	Y		21.8-23.8	22.5		19.4		
8	W		20.8-23.0	21.5		18.4		
9	Y		19.8-21.2	20.3		17.2		
10	W		18.6-20.1	19.1		16.0		
11	R	7 46	17.2-18.8	17.7	3.2	14.5		
12	Y		16.0-17.8	16.6		13.4		
13	W		15.0-16.4	15.5		12.3		
14	Y		13.5-15.3	14.1		10.9		
15	W		12.4-15.0	13.3		10.1		
16	R	7 49	10.5-13.0	11.3	3.2	8.1		
17	Y		9.3 11.4	10.0		6.8		
18	W		8.0 10.2	8.7		5.5		
19	Y		6.0 7.5	6.5		3.3	END OF LINE	

Boat
85+00 S.

Profile
No. ____ Date 10-7-46 Notes Red. LCWF Plotted H.U.M.H. Job No. 8W2 Division No. ____
X-Sec. Date 10-7-46 Notes Chkd. [illegible] Checked ____ Survey of Beach Erosion
No. ____ Date 11-18-46 Date ____ Map No. ____ Survey by Meineet Notes H.R.S. Date 9-17-46
Indexed L. C. Johnson Date ____

F.B. 1285 Pg. 161

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1295 G. 16 v

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile No.
Survey of Beach Erosion Date 10-7-46 Date 10-15-46 Date 10-16-46 X-Sec. No.
Survey by Hlemeyer Notes Notes Chkd. Checked
C. Johnson Date Date Date
Indexed

STATION #	Color	B. S. Time	H.I. Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	8 14	28.3-30.9	28.9	3.3	25.6	GOING IN RANGE 82+50
2	"		27.2-29.1	27.8		24.5	
3	"		26.0-28.0	26.7		23.4	
4	"		25.2-27.4	25.1		22.4	
5	"		24.3-26.3	24.8		21.5	
6	"	8 [illegible]	23.2-25.2	23.7	3.4	20.3	
7	"		21.3-23.5	22.1		18.7	
8	"		21.3-23.3	21.2		17.8	
9	"		19.0-20.8	19.6		16.2	
10	"		[illegible]	[illegible]		14.8	
11	"	8 31	[illegible]	16.9	3.5	13.4	
12	"		[illegible]	15.4		12.3	
13	"		[illegible]	14.2		10.7	
14	"		[illegible]	11.8		8.3	
15	"		25 [illegible]	7.2		6.4	
16	"	8 54	23-[illegible]	7.5	3.5	5.2	
17	"		6.2-[illegible]	6.8		3.3	END OF LINE

BOOK 82+50 S.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					→ From pg. 8.	
82+50 -S	049	2960		2911	Range Line ∡ = 90°	F.S. on S-4
			12	284	10' R.	
			03	293	22' R - T. BK	
			116	180	52' R - Toe BK - Edge Beach.	
T.P.	122	1967	1115	1845		
			47	150	83' R - Beach.	
			63	134	106' R - "	
T.P.	108	1082	993	974	140' R - "	
			25	83	157' R - "	
			50	58	181' R - "	
			63	45	201' R - "	
			82	26	230' R - Water	
			93	15	264' R - "	
			103	05	289' R - "	
			107	01	315' R - "	
			108	00	334' R - "	

Shore.
82+50 S.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B/1283 PG. 163
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Extension Notes Chkd. ____ Checked ____ Survey by Hennessy Notes Chk Date 8-21-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed R. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					→ From pg. 8.	
80+00	130	3036		2906	Range Line ∡ = 90° F.S. on 5-3	
			15	[illegible]	8' R.	
			17	[illegible]	25' R - T. BK	
			106	[illegible]	48' R - Toe BK, - Edge Beach	
T.P.	134	1990	1180	[illegible]		
			62	[illegible]	96' R - Beach	
			92	[illegible]	129' R - "	
			111	[illegible]	155' R - "	
T.P.	246	1094	1192	778		
			56	[illegible]	190' R - "	
			72	[illegible]	211' R - Water	
			89	[illegible]	244' R - "	
			102	[illegible]	275' R - "	
			107	[illegible]	305' R - "	
			108	[illegible]	325' R - "	

Shore
80+00 S.

F.B/1285 Pg. 164

Job No. 8412 Division No. ____ Notes Red ____ Plotted H.U.M.H. Profile

Survey of Ranch E Date ____ Date 1946 No. ____

Survey by Mainect Notes Bwk - 8-22-46 Notes Chkd ____ Checked ____ X-Sec.

Indexed A. C. Johnson Date ____ Date ____ Date ____ No. ____

1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
80+00	-4	1	R	8:44	90°-40'	Range Line + 90° Rt. on 5-4
-5		2	X		90°-15'	
		3	W		89°-40'	
		4	Y		89°-45'	
		5	W		89°-50'	
		6	R	8:53	89°-50'	
		7	Y		89°-20'	
		8	W		89°-35'	
		9	Y		90°-05'	
		10	W		89°-40	
		11	R	8:57	89°-50'	
		12	Y		89°-30'	
		13	W		89°-40'	
		14	Y		88°-55'	
		15	W		90°-00'	
		16	R	9:03	90°-20'	
		17	Y		90°-10'	
		18	W		90°-25'	
		19	Y		91°-35'	

Range
80+00(S)

Profile
No. Notes Red Plotted H.U.M.H. Job No. 2412 Division No.
Date Date 1946 Survey of Beach Erosion
X-Sec. No. Notes Chkd Checked Survey by Kleineck Notes Detail Date 9-17-46
Date Date Map No. Index C. Johnson Date 10-10-46

F.B. 1285 Pg. 165

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
77+50 -S.	S-4	1	R	916	9040	Range Line ∡ = 90° F.J. on S-4
		2	Y		9015	
		3	W		9000	
		4	Y		8950	
		5	W		9030	
		6	R	9024	9055	
		7	Y		9000	
		8	W		9030	
		9	Y		9000	
		10	W		8920	
		11	R	929	8940	
		12	Y		8900	
		13	W		9050	
		14	Y		8950	
		15	W		8950	
		16	R	932	9030	
		17	Y		8955	
		18	W		9000	
		19	Y		9145	

Range 77+50(S)

F.B. 1285 PG. 166

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____

Survey by Weimeck Notes Gwk. 9-17-46 Notes Chkd. ____ Checked ____ X-Sec.

Indexed A. C. Johnson Date ____ Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
92+50 -5	S-5	1	R	8:44	130-50	Range 80+00 S
		2	Y		133-10	
		3	W		135-10	
		4	Y		137-20	
		5	W		139-40	
		6	R	8:53	141-55	
		7	Y		143-20	
		8	W		144-50	
		9	Y		146-40	
		10	W		147-30	
		11	R	8:57	149-00	
		12	Y		150-50	
		13	W		151-50	
		14	Y		153-15	
		15	W		155-05	
		16	R	9:03	156-50	
		17	Y		158-10	
		18	W		159-00	
		19	Y		161-35	

Cut in 80+00 (S)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 941W Division No. ____ F.B. 1285 Pg. 167
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by K Notes V.G. Date 9-17-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
92+50 -5	S-5	1	R	9:16	137-20	Range 77+50-5
		2	Y		139-05	
		3	W		142-50	
		4	Y		144-10	
		5	W		145-20	
		6	R	9:25	147-20	
		7	Y		148-30	
		8	W		150-10	
		9	Y		151-15	
		10	W		152-20	
		11	R	9:29	153-50	
		12	Y		155-50	
		13	W		157-30	
		14	Y		157-55	
		15	W		159-00	
		16	R	9:33	160-25	
		17	Y		161-00	
		18	W		162-10	
		19	Y		162-50	

Cut in 77+50 (S)

F.B. 1285 PG. 168

Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Date 1946 No. Profile

Survey of Beach Erosion Date Checked X-Sec.

Survey by Kleineck Notes V. Gregory 9-17-46 Notes Chkd. Date No.

Indexed A. C. Johns Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile Notes Red Line Plotted H.U.M.H. Job No. 8412 Division No.
No. Date 10-11-46 Date 10-14-46 Survey Beach Erosion F.B. 2255 Pg. 169
X-Sec. Notes Chkd. HRC Checked Survey by H.L.S. Notes H.L.S. Date 9-11-46
No. Date 11-18-46 Date Map No. Indexed C. Johnson

STATION #	Color	B. S. Time	H. I. M.L.L. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	9 44	28.4-30.3	29.0	3.6	25.4	GOING IN RANGE 80+00 (5)
2	Y		[illegible]	[illegible]		24.1	
3	W		[illegible]	26.7		23.1	
4	Y		[illegible]	25.1		21.5	
5	W		[illegible]	24.2		20.6	
6	R	9 52	[illegible]	[illegible]	3.7	19.3	
7	Y		23.5-25.0	[illegible]		17.6	
8	W		19.5-21.2	20.1		16.4	
9	Y		[illegible]	[illegible]		15.6	
10	W		17.2-19.2	[illegible]		14.2	
11	R	8 57	[illegible]	16.7	3.7	13.0	
12	Y		15.0-16.5	15.5		11.8	
13	W		10.0-11.8	11.4		10.7	
14	Y		[illegible]	[illegible]		9.0	
15	W		[illegible]	12.1		8.4	
16	R	9 02	10.0-11.8	10.6	3.7	6.9	
17	Y		9.0-10.0	9.3		5.6	
18	W		7.3-10.0	8.2		4.5	
19	Y		6.2 7.6	6.7		3.0	END OF LINE

BOAT 80+00 (5)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. L. Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	[illegible]	[illegible]	[illegible]	3.9	25.0	[illegible]	[illegible] 77+50-S
2	Y		[illegible]	[illegible]		23.6		
3	W		[illegible]	[illegible]		22.8		
4	Y		[illegible]	25.0		21.1		
5	W		[illegible]	23.7		19.8		
6	R	7.04	[illegible]	22.6	[illegible]	18.7		
7	Y		[illegible]	21.4		17.5		
8	W		19.6-22.0	20.4		16.5		
9	Y		[illegible]	19.1		15.2		
10	W		[illegible]	17.8		13.9		
11	R	7.27	16.0-17.8	16.6	4.0	12.6		
12	Y		15.0-16.5	15.4		11.4		
13	W		14.0-15.6	14.5		10.5		
14	Y		13.0-14.5	13.5		9.5		
15	W		[illegible] 13.6	12.5		8.5		
16	R	[illegible]	11.0 12.8	11.6	4.0	7.6		
17	Y		[illegible] 12.6	10.9		6.9		
18	W		9.0 10.5	9.5		5.5		
19	Y		7.8 10.0	8.5		4.5		

Boat 77+50(S)

End of Line

F.B. 1285 PG. 170 Job No. 8412 Division No. Notes Red. Laur Plotted H.U.M.H. Date 1946 No. Profile
Survey of Beach Erosion Date 10-11-46 Checked X-Sec.
Survey by Hemack Notes ED 9-17-46 Notes Chkd. [illegible] Date 11-18-46 Date No.
Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
77+50 -S	1 10	3017		2907	→ From Pt. 7. Range Line ∡ = 90°	F.S. on S-3
			11	291	21' R. - T. BK.	
			107	195	49' R - Toe BK - Edge Beach	
TP	1 67	2080	1124	1[illegible]		
			39	169	78' R - Beach.	
			66	1[illegible]	108' R - "	
			79	109	141' R - "	
			111	97	156' R - "	
TP	2 33	1 51	1162	9[illegible]		
			44	71	1[illegible]' R - "	
			64	51	207' R - Water	
			82	33	2[illegible]' R - "	
			93	22	264' R - "	
			102	13	290' R - "	
			103	12	332' R - "	

Shore
77+50(S)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 171
X-Sec. Date ____ Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by Klewick Notes Gulk Date 8-22-46
Date ____ Date ____ Map No. ____ Indexed ____ Date C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
75+00 = 53A	3.16	31.35		28.19	From pg. 8 Range Line ∡ = 90° F.S. on S-4
			21	29.3	Gr. Elev. at Sta.
			24	29.[illegible]	10' R -
			22	29.[illegible]	29' R - T. BK.
			11.8	19.[illegible]	49' R - Toe BK. - Edge beach
T.P.	0.38	20.34	11.39	19.[illegible]	
			3.5	16.[illegible]	68' R - Beach.
			6.7	13.[illegible]	93' R - "
			7.5	12.[illegible]	111' R - "
T.P.			11.26	9.[illegible]	150' R - "
	0.79	9.87			
			+2.0	11.[illegible]	123' R
			+0.6	10.5	144' R
			2.2	7.7	168' R
			5.27	4.60	200' R M.H.T.
			6.8	3.1	217' R
			8.4	1.5	248' R
			8.4	1.5	273' R
			8.8	1.1	305' R
			9.2	0.7	333' R
			10.2	-0.3	373' R
			11.0	-1.1	403' R

Fri Sept 20

Shore 75+00(5)

F.B. 1285 Pg. 172 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleinert Notes [illegible] Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
S-3A (75+00)	S-2	1	R	958	27000	Turning 270° to right = 90° to L. of back tang.
		2	Y		26930	
		3	W		27000	
		4	Y		26955	
		5	W		26945	
		6	R	1007	26930	
		7	Y		27010	
		8	W		27005	
		9	Y		26955	
		10	W		26955	
		11	R	1011	26945	
		12	Y		27045	
		13	W		27040	
		14	Y		26955	
		15	W		26945	
		16	R	1015	27000	
		17	Y		27000	
		18	W		26950	

Range 75+00(S)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion Notes Gulk Date 9-17-'46 Survey by Heineck Map No. ____ Indexed C. Johnson Date ____

X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Date ____

F.B. 1285 Pg. 173

F.B. 1285 Pg. 174 | Job No. 8412 | Division No. | Notes Red. | Plotted H. U. M. H. | Profile

Survey of Beach Erosion | Date | Date 1946. | No.

Survey by Kleineck | Notes GWK. 9-17-'46 | Notes Chkd. | Checked | X-Sec.

Indexed A. C. Johnson | Date | Date | Date | No.

Range
72+50(5)

STATION Inst. Sight At	On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
72+50 -5	5-3A	1	R	10 28	[illegible]	Range Line ∡ = 90° F.S.O., 5-3A
		2	Y		[illegible]	
		3	W		90 10	
		4	Y		90 10	
		5	W		90 15	
		6	R	10 35	90 25	
		7	Y		90 20	
		8	W		[illegible]	
		9	Y		[illegible]	
		10	W		[illegible]	
		11	R	10 39	[illegible]	
		12	Y		90 20	
		13	W		90 10	
		14	Y		90 10	
		15	W		90 10	
		16	R	10 43	90 25	
		17	Y		90 20	
		18	W		90 20	
		19	Y		90 20	

End.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
85+00 -5	S-4	1	R	9:59	122-30	Range 75+00 -5.
		2	Y		124-05	
		3	W		127-50	
		4	Y		129-15	
		5	W		130-55	
		6	R	10:07	132-00	
		7	Y		133-40	
		8	W		136-10	
		9	Y		137-00	
		10	W		137-35	
		11	R	10:11	139-15	
		12	Y		141-30	
		13	W		142-20	
		14	Y		145-15	
		15	W		146-55	
		16	R	10:16	151-20	
		17	Y		152-15	
		18	W		154-20	

Cut in 75+00(S)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 175
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by R Notes J.G. Date 9-17-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
55+00 -5	5-4	1	R	10:29	130-40	Range 72+50-5
		2	Y		131-35	
		3	W		134-20	
		4	Y		136-10	
		5	W		137-55	
		6	R	10:36	139-40	
		7	Y		141-05	
		8	W		142-40	
		9	Y		144-15	
		10	W		145-05	
		11	R	10:39	146-05	
		12	Y		148-30	
		13	W		150-30	
		14	Y		152-00	
		15	W		153-45	
		16	R	10:43	155-25	
		17	Y		156-55	
		18	W		157-55	
		19	Y		159-10	

Cut in 72+50(5)

F.B. 1285 PG. 176

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 1946 No. X-Sec.

Survey by Kleineck Notes J. Gregory 9-17-46 Notes Chkd. Checked

Indexed A. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____ Notes Red Date 10-11-46 Notes Chkd Date 11-18-46 Plotted M.U.M.H Date 11-46 Checked Date ____ Job No. 541 76 Division No. ____ Survey of Beach, Ecker Survey by Meurer & Notes Map No. ____ Indexed C. Johnson Date 9-17-46 F.B. 1285 PG. 177

STATION	B. S.	H. I. Vert. Angle	F. S.	ELEV. Mt. Tide	Adj. Depth	Remarks
#	Color	Time Depth	Bottom			
1	R	[illegible]	296	4.3	25.3	Going to Range 75+00 - 5
2	Y	[illegible]	287		24.4	
3	W	27 [illegible]	277		23.4	
4	Y	[illegible]	266		22.3	
5	W	[illegible]	257		21.4	
6	R	[illegible]	246	4.3	20.3	
7	Y	[illegible]	237		19.4	
8	W	[illegible]	227		18.4	
9	Y	[illegible]	216		17.3	
10	W	[illegible]	206		16.3	
11	R	1011 [illegible]	192	4.4	14.8	
12	Y	[illegible]	181		13.7	
13	W	16.5 18.5	170		12.6	
14	Y	14.6 16.8	153		10.9	
15	W	15.2 17.6	140		9.6	
16	R	1015 11.5 13.0	120	4.4	7.6	
17	Y	9.5 11.0	100		5.6	
18	W	7.8 10.2	82		3.8	End of Line
19	Y					
20	W					

Boat 75+00 (5)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H.I. Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	1028	[illegible]	297	4.6	25.1	Gain [illegible] Range 72+50 -S.	
2	Y		28.0-[illegible]	287		24.1		
3	W		27.0-[illegible]	277		23.1		
4	Y		26.0-27.8	266		22.0		
5	W		[illegible]	257		21.1		
6	R	10[illegible]	[illegible]	246	4.7	19.9		
7	Y		23.0-[illegible]	237		19.0		
8	W		[illegible]	222		17.5 ~~18.8~~		
9	Y		[illegible]	208		16.1		
10	W		19.0-[illegible]	203		15.6		
11	R	10[illegible]	17.[illegible]-19.[illegible]	185	4.7	13.8		
12	Y		15.[illegible]-19.5	175		12.8		
13	W		15.[illegible]-17.0	159		11.2		
14	Y		13.[illegible]-[illegible]	146		9.9		
15	W		[illegible]	133		8.6		
16	R	1043	11.[illegible]-13.3	119	4.7	7.2	Boat 72+50 (S)	
17	Y		10.0-11.4	105		5.8		
18	W		8.[illegible]-11.2	92		4.5		
19	Y		6.6-9.0	74		2.7	End of Line	

F.B. 1285 Pg. 178 Job No. 8412 Division No. Notes Red. Lent Plotted H. U. M. H. Profile
Survey of Beach Erosion Date 10-11-46 Date 1946 No. X-Sec.
Survey by Klemeck Notes Notes Chkd [illegible] Checked
Indexed A. C. Johnson Date 11-18-46 Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
72+50 -5	289	3203		2914	From pg. 8. Range Line ∡ = 90° F.S. on S-3A	
			27	293	4' R.	
			18	302	11' R.	
			25	295	29' R - T. BK.	
			114	206	49' R - Toe BK. - Edge beach	
T.P.	078	2129	1152	2051		
			47	166	78' R - Beach.	
			65	148	104' R - "	
			84	129	122' R - "	
T.P.			1180	949	150' R - "	
				11.9	139' R	
				11.0	146' R	
				9.0	160' R	
				7.5	174' R	
				4.60	204' R MHT	
				2.5	227' R	
				1.5	244' R	
				1.7	268' R	
				1.3	280' R	
				1.1	306' R	
				0.7	344' R	
				0.2	371' R	
				-0.6	402' R	
				-1.6	439' R.	

Tri. Sept 20"

Shore 72+50(5)

Profile
No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8442 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Meinrad Notes Gulk Date 8-22-46
Map No. ____ Indexed A. C. Johnson

F.B. 1285 Pg. 179

F.B. 1285 Pg. 180

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946. No. _____

Survey by Meinecke Notes GWK. Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
70+00 -5.	232	3137		24.5	From Pg. 7. Corp. Line ∡ = 90° F.J. on 5-34
			24	240	10'E.
			17	2[illegible]	30'E. - T.B.C.
			114	200	53'E - Toe BK - Edge Beach
T.P.	0.52	2011	1180	1957	
			47	150	91'E - Beach.
			67	181	125'E - "
T.P.			1095	913	160'E - "

Shore
70+00 (5)

Profile incomplete.
See L.A. City F.B. #20711

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
70+00 -5	5-3A	1	R	1056	90 20	Range Line ∠ = 90° F.S. on 5-3A
		2	Y		89 45	
		3	W		90 10	
		4	Y		90 05	
		5	W		90 05	
		6	R	1105	90 15	
		7	Y		90 05	
		8	W		90 00	
		9	Y		90 05	
		10	W		89 50	
		11	R	1108	90 20	
		12	Y		89 50	
		13	W		90 20	
		14	Y		90 25	
		15	W		89 30	
		16	R	1111	90 40	
		17	Y		90 25	
		18	W		89 35	

Range
70+00 (5)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 5412 Division No. ____ F.B. 1225 Pg. 181
No. ____ Date ____ Date 12/46 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Manned Notes Faulk Date 9-17-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
67+50 -S	5-3A	1	R	1127	90 00	Range Line ∡ = 90° F.S. on 5-3A
		2	Y		89 55	
		3	W		90 00	
		4	Y		90 00	
		5	W		89 55	
		6	R	1135	89 55	
		7	Y		89 55	
		8	W		90 05	
		9	Y		90 15	
		10	W		90 15	
		11	R	1139	89 50	
		12	Y		90 10	
		13	W		90 00	
		14	Y		90 00	
		15	W		90 00	
		16	R	1143	90 00	
		17	Y		89 50	
		18	W		90 10	
		19	Y		90 50	
		20	W		90 50	

Range 67+50(S)

F.B. 1284 PG. 182 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No.
Survey by Meneck Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
85+00 -5	S-4	1	R	10:57	134-40	Range 70+00 - S.
		2	Y		136-40	
		3	W		141-35	
		4	Y		143-25	
		5	W		145-00	
		6	R	11:05	146-30	
		7	Y		147-45	
		8	W		148-30	
		9	Y		150-00	
		10	W		151-10	
		11	R	11:08	152-25	
		12	Y		153-50	
		13	W		156-25	
		14	Y		158-45	
		15	W		159-05	
		16	R	11:12	160-25	
		17	Y		161-10	
		18	W		162-40	

Cut in. 70+00 (S)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion

X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Date ____ Survey by R Notes J.G. Date 9-17-46 Map No. ____ Indexed C. Johnson

F.B. 1285 Pg. 183

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
77+50 -S	S-4	1	R	11:28	125-15	Range 67+50-S
		2	Y		130-00	
		3	W		130-50	
		4	Y		131-20	
		5	W		132-30	
		6	R	11:35	134-10	
		7	Y		136-10	
		8	W		137-10	
		9	Y		138-40	
		10	W		140-25	
		11	R	11:39	141-25	
		12	Y		144-00	
		13	W		145-40	
		14	Y		147-30	
		15	W		149-10	
		16	R	11:43	150-30	
		17	Y		151-45	
		18	W		152-40	
		19	Y		153-50	
		20	W		155-05	

Cut in 67+50(S)

F.B. 1285 PG. 184 Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleineck Notes Chkd 9-17-46 Checked
Indexed A. C. Johnson Date Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	10 56	29.5-30.2	29.7	4.8	24.9	GOING IN	RANGE 70+00-5
2	Y		28.2-30.2	28.9		24.1		
3	W		27.0-30.0	28.0		23.2		
4	Y		26.0-28.0	26.7		21.9		
5	W		24.5-27.5	25.5		20.7		
6	R	11 05	23.0-25.0	23.7	4.8	18.9		
7	Y		22.0-24.0	22.7		17.9		
8	W		20.5-22.2	21.3		16.5		
9	Y		19.0-21.3	19.8		15.0		
10	W		17.8-19.8	18.5		13.7		
11	R	11 08	16.7-18.5	17.3	5.0	12.3		
12	Y		15.2-18.3	16.2		11.2		
13	W		13.8-15.5	14.4		9.4		
14	Y		12.2-14.3	12.9		7.9		
15	W		11.0-12.5	11.5		6.5		
16	R	11 12	9.8-10.0	10.7	5.0	5.9		
17	Y		8.2-10.5	9.0		4.0		
18	W		7.0-9.0	7.7		2.7 ~~3.7~~	END OF	LINE

Boat
70+00 (5)

Profile No. ____ Notes Red. LUM Plotted H.U.M.H. Job No. 842 Division No. ____
Date 10-11-46 Date 1946 Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meiners Notes H.R.S. Date 9-17-46
Date 11-18-46 Date ____ Map No. ____ Indexed A. C. Jackson

F.B. 1285 Pg. 185

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	11 28	28.8-31.4	29.7	5.2	24.5	GOING IN RANGE 67+50 -5.
2	Y		27.7-30.0	28.5		23.3	
3	W		26.5-28.1	27.0		21.8	
4	Y		25.0-27.2	25.7		20.5	
5	W		24.1-25.8	24.6		19.4	
6	R	11 35	23.0-25.0	23.7	5.2	18.5	
7	Y		21.8-24.8	22.8		17.6	
8	W		20.5-22.2	21.1		15.9	
9	Y		19.5-21.2	20.1		14.9	
10	W		18.5-21.0	19.3		14.1	
11	R	11 37	17.3-19.3	18.0	5.3	12.7	
12	Y		16.0-18.0	16.7		11.4	
13	W		14.5-16.8	15.5		10.2	
14	Y		13.8-15.8	14.5		9.2	
15	W		12.5-15.3	13.4		8.1	
16	R	11 43	11.0-13.5	11.8	5.3	6.5	
17	Y		10.0-12.5	10.8		5.5	
18	W		9.0-11.5	9.8		4.5	
19	Y		7.0-10.0	8.4		3.1	
20	W		7.0 9.4	7.8		2.5	END OF LINE

Boat 67+50(5)

F.B. 1285 PG. 186

Job No. 8412 Division No. ____ Notes Red. Lewis Date 10-11-46 Plotted H.U.M.H. Date 1946 Profile No. ____

Survey of Beach Erosion Notes Chkd. [illegible] Checked ____ X-Sec. No. ____

Survey by Flaneck Notes [illegible] Date 11-18-46 Date ____

Indexed A. C. Johnson Date ____

Profile No. _____ Notes Red _____ Plotted H.U.M.H. Job No. 8412 Division No. _____ F.B. 1285 Pg. 187

Date _____ Date 1946 Survey of Beach Erosion

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by Kleineck Notes GWK Date 8-22-'46

Date _____ Date _____ Map No. _____ Indexed A. C. Johnson

Shore
67+50(S)
Profile incomplete.
See L.A. City
F.B. # 20711

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
67+50 -5	381	3204		2953	From pg. 7. Comp. Line ∡ = 90° F.S. on S.B.A.
			29	291	26' C. - T.B.C.
			91	249	40' C - S.B.C.
			115	205	50' C. - T.S.L. - Edge beach
TP	034	2127	1101	2182	
			62	151	101' C. - Beach
			68	145	121' C.
			34	119	142' C.
TP			1165	962	130' C.

FORM 307 5M 1-46

F.B. 1285 Pg. 188

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Meineck Notes Gwk - 8-23-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

Shore:
65+00(5)

STATION	B.S.	H.I.	F.S.	ELEV.	
65+00 -5	258	3173	30	29.5	From Pg. 7. Range Line ∡ = 90° F.S. on S.3A
			12	28.7	8'R.
			93	30.5	24'R - T.BK.
TP	012	2113	1072	22.4	43'R - Toe BK. - Edge beach
			23	21.01	
			56	18.8	66'R - Beach
			60	15.5	105'R - "
			1195	15.1	125'R - "
TP				9.5	170'R - "
					8.23.46

Profile incomplete
See L.A. City
F.B. # 20711

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
65+00 -5	5-3A	1	R	9 10	90 00	Range Line ∡ = 90° F.S. on 5-3A
		2	Y		90 00	
		3	W		90 00	
		4	Y		90 05	
		5	W		90 05	
		6	R	9 16	90 10	
		7	Y		90 10	
		8	W		90 10	
		9	Y		90 15	
		10	W		90 15	
		11	R	9 22	90 15	
		12	Y		[illegible]	
		13	W		90 10	
		14	Y		90 05	
		15	W		90 25	
		16	R	9 31	89 40	

Range 65+00(5)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. ____ Date ____ Notes Chkd ____ Checked ____ Date 1946 Survey of Beach Erosion
No. ____ Date ____ Survey by Meinert Notes D.S. Date 9-19-46
Map No. ____ Indexed A. C. Johnson

F.B. 1285 Pg. 189

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
62+50 -5	5-3A	1	R	9 40	90 [illegible]	Range Line ∡=90 F.S. on S-3A
		2	Y		90 10	
		3	W		90 [illegible]	
		4	Y		90 [illegible]	
		5	W		90 [illegible]	
		6	R	9 46	90 [illegible]	
		7	Y		[illegible]	
		8	W		90 [illegible]	
		9	Y		90 [illegible]	
		10	W		90 [illegible]	
		11	R	9 49	[illegible]	
		12	Y		90 [illegible]	
		13	W		90 [illegible]	
		14	Y		[illegible]	
		15	W		90 [illegible]	
		16	R	9 [illegible]	[illegible]	
		17	Y		90 [illegible]	
		18				

Range 62+50 (5)

F.B. 1285 Pg. 190 Job No. 847 Division No. Notes Red Plotted H.U.M.H. Date 1946 No. Profile
Survey of Leach Erosion Date 9-19-46 Notes Chkd. Checked No. X-Sec.
Survey by Meinert Notes DS Date
Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
72+50 -S	S-3A	1	R	9:11	118-10	Range 65+00 - S
		2	Y		1.?-25	
		3	W		122-10	
		4	Y		123-00	
		5	W		123-40	
		6	R	9:17	124-30	
		7	Y		127-00	
		8	W		127-40	
		9	Y		130-40	
		10	W		132-10	
		11	R	9:23	133-35	
		12	Y		134-50	
		13	W		136-25	
		14	Y		138-40	
		15	W		141-40	
		16	R	9:31	143-45	

Curtain 65+00 (S)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 5412 Division No. ____
No. ____ Date ____ Date 1946 Survey of Beach Erosion F.B. PG. 191
X-Sec. Notes Chkd ____ Checked ____ Survey by K Notes ✓ Date 9-19-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
72+50 -5	5-3A	1	R	9:40	12[illegible]	Range 62+50-5.
		2	Y		127-40	
		3	W		128-30	
		4	Y		129-[illegible]	
		5	W		130-10	
		6	R	9:46	133-[illegible]5	
		7	Y		134-20	
		8	W		135-30	
		9	Y		138-[illegible]	
		10	W		140-35	
		11	R	9:49	141-[illegible]	
		12	Y		144-35	
		13	W		14[illegible]	
		14	Y		146-15	
		15	W		148-20	
		16	R	9:53	150-20	
		17	Y		151-20	

Cut in 62+50(5)

F.B. 1285 PG. 192 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 19 46 No. X-Sec.
Survey by Kleineck Notes Category 9-19-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	9 10	28.0-29.3	28.4	3.3	25.1	Range 65+00 -S Going in
2	Y		[illegible]	27.5		24.2	
3	W		25.6-27.8	26.3		23.0	
4	Y		24.4-26.0	24.9		21.6	
5	W		22.8-24.2	23.3		20.0	
6	R	9 15	[illegible]-23.7	22.2	3.3	18.9	
7	Y		20.2-22.2	[illegible]		17.6	
8	W		19.2-22.5	20.3		17.0	
9	Y		[illegible]	[illegible]		15.4	
10	W		[illegible]	[illegible]		14.6	
11	R	9 21	[illegible]	[illegible]	3.3	13.2	
12	Y		[illegible]	[illegible]		11.6	
13	W		[illegible]	[illegible]		10.5	
14	Y		11.5-14.2	12.4		9.1	
15	W		10.1-12.0	10.7		7.4	
16	Y	9 30	7.8-10.0	8.5	3.3	5.2	End of Line

Boat 65+00 (S)

Profile
No. ____ Date 10-11-46 Notes Red Plotted H.U.M.H. Job No. 8442 Division No. ____
X-Sec. Date 10-11-46 Notes Chkd [illegible] Checked ____ Survey of Beach Erosion
No. ____ Date 11-18-46 Date ____ Map No. ____ Survey by Klemack Notes H.R.S. Date 9-19-46
Indexed A. C. Johnson Date ____

F.B. 1285 Pg. 193

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	9 [illegible]	[illegible]	[illegible]	3.3	25.3	[illegible]	[illegible]
2	Y		[illegible]	27.4		24.1		-5.
3	W		[illegible]	[illegible]		23.4		
4	Y		[illegible]	[illegible]		22.4		
5	W		[illegible]	[illegible]		21.2		
6	R	9 [illegible]	[illegible]	[illegible]	3.3	20.2		
7	Y		[illegible]	[illegible]		19.1		
8	W		[illegible]	[illegible]		18.0		
9	Y		[illegible]	[illegible]		16.3		
10	W		[illegible]	[illegible]		14.8		
11	R	9 [illegible]	[illegible]	[illegible]	3.2	13.7		
12	Y		[illegible]	[illegible]		12.0		
13	W		[illegible]	[illegible]		10.5		
14	Y		[illegible]	[illegible]		9.0		
15	W		[illegible]	[illegible]		7.4		
16	R	9 [illegible]	[illegible]	[illegible]	3.2	6.0		
17	Y		[illegible]	[illegible]		5.0	[illegible]	[illegible]

Boat 62+50(S)

F.B. 1285 Pg. 194 Job No. 8412 Division No. Notes Red. RCW Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 10-11-46 Date 1946 No. X-Sec.
Survey by Kleinecke Notes Chkd. [illegible] Checked No.
Indexed A. C. Johnson Date 11-18-46 Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
62+50 -5	145	3074		2929	From pg. 7 Range Line ∡ = 90°	F.S. on 53A.
			18	289	7' R	
			08	299	23' R - T.B.K.	
			108	199	57' R - Toe BK - Ed. Beach	
T.P.	032	1935	1171	1903		
			21	173	81' R - Beach.	
			49	145	112' R - "	
			58	136	142' R - "	
			91	103	160' R - "	
T.P.			1022	913	170' R - "	

Shore
62+50(5)

Profile incomplete.
See L.A. City F.B. # 20711

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 195
No. ____ Date ____ Date 1946. Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Klamath Notes Gulk Date 8-23-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
60+00 -5	276	3185		2909	→ From pg. 7. Range Line ∡ = 90° F.S. on S-3A
			29	281	16' R
			41	277	22' R
			454	2731	45' R - Top Conc wall ∇ walk.
			99	219	45' R - Bottom wall - Ed. beach.
			120	198	62' R - Beach.
TP	024	2134	1075	2110	
			48	165	90' R - "
			76	137	135' R - "
			105	108	158' R - "
TP			1163	[illegible]	170' R - "

Shore 60+00(5)

Profile incomplete
See L.A. City F.B. #20711

F.B. 1283 Pg. 196 Job No. 8412 Division No. Notes Red Plotted H. U. M. H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Memeck Notes GWK - 8-23-46 Notes Chkd Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible] -5	S-3A	1	R	10 02	90 15	Range Line ∡ = 90° F.S. on [illegible]
		2	Y		90 05	
		3	W		[illegible]	
		4	Y		[illegible]	
		5	W		[illegible]	
		6	R	[illegible]	[illegible]	
		7	Y		[illegible]	
		8	W		[illegible]	
		9	Y		[illegible]	
		10	W		[illegible]	
		11	R	10 12	[illegible]	
		12	Y		90 05	
		13	W		90 15	
		14	Y		90 [illegible]	
		15	W		[illegible]	
		16	R	10 15	[illegible]	
		17	Y		[illegible]	

Range
60+00 (5)

Profile
No. _____ Date _____ Notes Red _____ Plotted H.U.M.H. Job No. 8412 Division No. _____
X-Sec. Date 1946 Survey of Beach Erosion
No. _____ Date _____ Notes Chkd. _____ Checked _____ Survey by Kleinecke Notes DS Date 9-19-'46
Date _____ Date _____ Map No. _____ Indexed A. C. Johnson Date _____

F.B. 1285 PG. 197

F.B. 1285 Pg. 198

Job No. 242 Division No. ______ Notes Red. ______ Plotted H. U. M. H. Profile No. ______

Survey of Beach Erosion Date ______ Date 1946

Survey by Klemcck (?) Notes D.S. 9-19-46 Notes Chkd. ______ Checked ______ X-Sec. No. ______

Indexed A. C. Johnson Date ______ Date ______ Date ______

Range
57+50 (5)

Inst. Sight / At	B.S. / On #	H.I. / Color	F.S. / Time	ELEV. / Hor. Ang.	Remarks
-5					

FORM 307 5M 1-46

"PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS"

Do not extend notes this side of this line.

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
72+50 -S	S-3A	1	R	10:03	132-10	Range 60+00 -S.
		2	Y		134-10	
		3	W		138-10	
		4	Y		138-45	
		5	W		139-20	
		6	R	10:08	139-50	
		7	Y		140-50	
		8	W		141-50	
		9	Y		144-10	
		10	W		145-15	
		11	R	10:11	146-30	
		12	Y		147-30	
		13	W		149-00	
		14	Y		152-20	
		15	W		153-20	
		16	R	10:16	154-30	
		17	Y		156-10	

Cut in 60+00 (S)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 199
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by K Notes V.G. Date 9-19-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
72+50 -5	S-3A	1	R	10:27	135-25	Range 57+50-5.
		2	Y		136-30	
		3	W		140-00	
		4	Y		141-35	
		5	W		144-55	
		6	R	10:35	145-30	
		7	Y		146-40	
		8	W		147-40	
		9	Y		148-45	
		10	W		150-10	
		11	R	10:38	151-35	
		12	Y		153-10	
		13	W		154-20	
		14	Y		154-50	
		15	W		155-40	
		16	R	10:42	158-00	
		17	Y		159-00	
		18	W		160-00	

Cut in. 57+50(5)

F.B. 1285 PG. 200

Job No. 8412 Division No. Notes Red Plotted H. U. M. H. Profile

Survey of Beach Erosion Date Date 1946 No. X-Sec.

Survey by Kleinack Notes J. Gregory 9-19-46 Notes Chkd. Checked No.

Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	[illegible]	[illegible]	[illegible]	3.2	25.0	GOING IN RANGE	60+00 -5
2	Y		[illegible]	[illegible]		23.7		
3	W		[illegible]	[illegible]		22.4		
4	Y		[illegible]	21.2		21.0		
5	W		[illegible]	[illegible]		19.9		
6	R	[illegible]	[illegible]	[illegible]	3.2	19.2		
7	Y		[illegible]	[illegible]		18.2		
8	W		[illegible]	[illegible]		17.1		
9	Y		[illegible]	[illegible]		16.1		
10	W		[illegible]	17.7		14.7		
11	R	[illegible]	[illegible]	[illegible]	3.2	13.6		
12	Y		[illegible]	[illegible]		12.8		
13	W		[illegible]	[illegible]		12.8		
14	Y		[illegible]	[illegible]		10.0		
15	W		[illegible]	11.3		8.1		
16	R	[illegible]	[illegible]	[illegible]	3.2	6.9 ~~7.9~~		
17	Y		[illegible]	8.6		5.4	END OF [illegible]	

Boat. 60+00 (5)

Profile
No. ____ Date 10-11-46 Notes Red. Low Plotted H.U.M.H. Job No. 847 Division No. ____
X-Sec. Date 10-11-46 Date 1946 Survey of Beach Erosion
No. ____ Date 11-18-46 Notes Chkd. [illegible] Checked ____ Survey by Hemrock Notes H.R.S. Date 9-19-46
Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1285 Pg. 201

F.B. 1285 Pg. 202

Job No. 842 Division No. _____ Notes Red. Lew. Plotted H. U. M. H. Profile

Survey of Beach Erosion Date 10-11-46 Date 1946 No. _____

Survey by Meineck Notes [illegible] Notes Chkd. [illegible] Checked _____ X-Sec.

Indexed C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	Meas.	F.S.	Elev.			
Color	Time	Depth	Botom	Tide	Adj. Depth		Remarks
				3.3	25.4		
					24.5		
					23.3		
					22.5		
					20.8		
					19.8		
					18.5		
					17.1		
					15.8		
					14.5		
					13.2		
					12.0		
					11.0		
					10.0		
					8.7		
					7.4		
					5.9		
					4.7		

Boat.
57+50(S)

Profile No. ____ Notes Red ____ Plotted H. U. M. H Job No. 8412 Division No. ____ F.B/285 Pg. 203

Date ____ Date 1946. Survey of Beach Erosion

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Klemack Notes GWK Date 8-23-'46

Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

Shore
57+50(S)
Profile incomplete
See L.A. City
F.B. #20711

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 5M 1-46

STATION	B. S.	H. I.	F. S.	ELEV.	
57+50 -5	260	3169		2909	Range Line ∡ = 90° F.S. on 5-3H
			289	2880	on Stk at Sta. 60+00 - Pg. 7
			24	293	on new Stk at 57+50
			24	293	Gr. Elev. at Sta. "
			45	272	19' R - Gr.
			448	2721	32' R - Inside edge walk
			69	248	37' R - Outside " " - Top conc. wall
			117	200	37' R - Bot. wall - Ed. Beach.
TP	0 05	2032	1142	2027	60' R - Beach
			55	148	94' R - "
			76	127	131' R - "
TP			1157	895	180' R - "

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					→ From pg. 7
55+00 -5	1.37	3176		30.39	Range Line ∡ = 90° F.S. on S-2.
			27	29.1	9'R - Gk
			43	27.5	27.8'R - Inside edge walk
			441	27.4	33'0 R - Outside " " - Top wall
			64	25.4	33'0 R - Bot. wall - Edge Beach
T.P.	0.26	2076	1126	20.50	
			20	18.8	68'R - Beach
			53	15.5	102'R - "
			68	14.0	132'R - "
			70	11.8	150'R - "
T.P.			1145	[illegible]31	180'R - "

Shore 55+00(5)

Profile incomplete.
See L.A. City F.B. #20711

F.B. 1285 PG. 204 | Job No. 8412 | Division No. | Notes Red. | Plotted H. U. M. H. | Profile
Survey of Beach Erosion | Date | Date 1946 | No. | X-Sec.
Survey by Hlaneck | Notes Hwk. - 8-23-46 | Notes Chkd. | Checked | No.
Indexed A. C. Johnson | Date | Date | Date | No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible]	S-2	1	R	10 ~~45~~ 5	90 [illegible]	Range Line ∠ = 90° F.S. On: S-2
—5		2	Y		90 [illegible]	
		3	W		29 55	
		4	Y		29 55	
		5	W		90 [illegible]	
		6	[illegible]	11 03	90 25	
		7	Y		90 10	
		8	W		90 25	
		9	Y		90 05	
		10	W		90 10	
		11	R	11 07	89 55	
		12	Y		90 05	
		13	W		90 00	
		14	Y		89 55	
		15	W		89 50	
		16	[illegible]	11 10	90 15	

Range 55+00 (S)

Profile No. ____ Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 205
Date ____ Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Hemeck Notes D.S. Date 9-19-46
Date ____ Date ____ Map No. ____ Indexed A. C. Jordan

F.B. 1285 PG. 206

Job No. 842 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion _____ Date _____ Date 1946 No. _____

Survey by Klemack Notes DS 9-19-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

Range
52+50(5)

STATION	B.S.	H.I.	F.S.	ELEV.	Remarks
Inst Sight At On #	Color	Time	Hor. Ang.		
-5 5-2	R	11 28			Range line 52+90' F.S. On S-2
	Y				
	W				
	Y				
	R	11 32			
	Y				
	W				
	Y				
	W	11 39			
	Y				
	W				

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

FORM 307 SM 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
65+00 -S	S-3A	1	R	10:57	122-05	Range 55+00 -S
		2	Y		122-40	
		3	W		125-40	
		4	Y		127-50	
		5	W		130-25	
		6	R	11:03	131-50	
		7	Y		133-40	
		8	W		136-20	
		9	Y		137-10	
		10	W		138-40	
		11	R	11:08	140-00	
		12	Y		141-45	
		13	W		143-10	
		14	Y		144-40	
		15	W		145-55	
		16	R	11:11	147-50	

Cut in. 55+00 (S)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 6412 Division No. ____
No. ____ Date ____ Date 4/9/46 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by K Notes W.G. Date 9-19-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. C. Johnson

F.B. 1285 PG. 207

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
65+00 -S	5-3A	1	R	11:24	12[illegible]-35	Range 52+50-S.
		2	Y		13[illegible]-40	
		3	W		13[illegible]-35	
		4	Y		13[illegible]-45	
		5	W		13[illegible]-25	
		6	R	11:32	13[illegible]-10	
		7	Y		14[illegible]-75	
		8	W		14[illegible]-50	
		9	Y		14[illegible]-30	
		10	W		14[illegible]-35	
		11	R	11:36	14[illegible]-40	
		12	Y		14[illegible]-40	
		13	W		14[illegible]-40	
		14	Y		14[illegible]-45	
		15	W		15[illegible]-25	
		16	R	11:39	15[illegible]-10	
		17	Y		15[illegible]-45	
		18	W		15[illegible]-50	

Cut in 52+50 (S)

F.B. 1285 PG. 208

Job No. 8412 Division No. Notes Red Plotted H. U. M. H. Profile

Survey of Beach Erosion Date 1946 No.

Survey by Kleineck Notes V. Gregory 9-19-46 Notes Chkd. Checked X-Sec.

Indexed A. C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	[illegible]	28.5-29.4	28.5	3.3	25.2	[illegible]	RANGE 55+00
2	Y		[illegible]-29.4	[illegible]		24.5		
3	W		[illegible]	[illegible]		23.4		
4	Y		[illegible]	[illegible]		22.4		
5	W		[illegible]	[illegible]		21.0		
6	R	[illegible]	[illegible]	[illegible]	3.3	20.1		
7	Y		[illegible]	[illegible]		18.4		
8	W		[illegible]-22.0	[illegible]		17.4		
9	Y		[illegible]5-21.0	[illegible]		16.0		
10	W		[illegible]	[illegible]		14.4		
11	R	[illegible]	[illegible]		3.3	13.1		
12	Y					12.8		
13	W					10.6		
14	Y		[illegible]	12.7		9.4		
15	W			11.		8.4		
16	R	[illegible]		[illegible]	3.4	6.8		

Boat
55+00 (S)

Profile
No. X-Sec.
Notes Red. RCUE Plotted H.U.M.H. Job No. 8412 Division No.
Date 10-14-46 Date 1946 Survey of Beach Erosion
Notes Chkd. KR Checked Survey by Meinecke Notes Date
No. Date 11-18-46 Date Map No. Indexed A. C. Johnson Date

F.B. 1285 PG. 209

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
# Color	Time	Meas. Depth	Botom	Ht. Tide	Adj. Depth		Remarks
				3.4	25.5		
					24.2		-5
					23.2		
					22.1		
					20.6		
				3.5	19.1		
					18.1		
					17.3		
					16.1		
					15.0		
				3.5	14.1		
			4		12.9		
					11.9		
					10.6		
					9.4		
				3.5	8.2		
					6.5		
					4.9		

Boat 52+50(5)

F.B. 1285 PG. 210

Job No. 8412 Division No. ____ Notes Red. RCUC Plotted HUMH Profile

Survey of Beach Erosion Date 10-14-46 Date 19 46 No. ____ X-Sec.

Survey by Kleinert Notes ____ Notes Chkd. ____ Checked ____

Indexed C. Johnson Date ____ Date 11-18-46 Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
52+50 -5	280	3164		2884	→ From pg. 7 Range [illegible] ∡ = 90° F.S. on S.	
			31	285	15' R - Gr.	
			45	271	26.0' R - Inside edge conc. walk.	
			448	2716	31.3' R - Outside " " " - Top wall.	
			88	228	31.3' R - Bot. wall - Edge beach.	
T.P.	024	1993	1195	1969		
			08	191	60' R - Beach.	
			55	144	107' R - "	
			57	142	147' R - "	
			96	103	171' R - "	
T.P.			1056	937	180' R - "	

Shore
52+50 (5)
Profile incomplete.
See L.A. City F.B. #20711

Profile
Notes Red. ____ Plotted H.U.M. Job No. 8412 Division No. ____
No. ____ Date ____ Date 1946 Survey of Pennsylvania Division
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 8-23-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1285 Pg. 211

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
49+90 -5					Set 1x1 Stake Off set Sta. 10' back of 50+00 Range Line ∡ = 90° F.S. on 5-2
	295	3179		2884	On Stk at Sta. 52+50 - See pg. 7.
			313	2866	" " " " 49+90.
			25	293	Gr. Elev. at Sta.
			375	2804	26' R - Top conc. wall.
			689	2490	26' R. - Bot. " "
			700	2479	41' R - Hd. Stairs
			106	212	46' R - Bot. "
			1085	2094	53' R - Outside edge conc walk on beach.
TP	105	2084	1200	1979	
			23	185	71' R - Beach
			52	156	101' R - "
			73	135	128' R - "
			104	104	158' R - "
TP			1178	906	175' R - "

Shore 49+90(5)

Profile Incomplete See L.A. City F.B. #20711

F.B. 1285 Pg. 212

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____

Survey by Meineck Notes Gwk - 8-23-46 Notes Chkd. ____ Checked ____ X-Sec.

Indexed A. C. Johnson Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
42+00 -S	S-2		R	11:50	90 20	Range Line ∠ = 90° F.S. on S-2
			Y		90 20	
			W		90 20	Note: Sta. 55+00 could not be run on account of bldg. obstructing line.
			Y		90 20	
			W		90 20	
			Y	1:58	90 00	
			W		90 00	
			Y		90 00	
			W		90 00	
			R	12:12	90 00	
			Y		90 00	
			W		90 00	
			Y		90 00	
			W		90 00	
			R

F.B. 1285 PG. 214

Job No. 8414 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Kleineck Notes D. S. 9-19-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

Range
47+50(S)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	Inst. Sight	O.D.S.	#	H.O.	Color	F.P.	Time	ELEV.	Hor. Ang.	Remarks
47+50 -S	5-2									Range Line 4 = 90° F.S. on "5-2"

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
65+00 -5	S-3A	1	R	11:50	131-50		Range 49+90 -5 (offset)
		2	Y		132-45		
		3	W		136-10		
		4	Y		139-40		
		5	W		141-10		
		6	R	11:58	142-00		
		7	Y		145-00		
		8	W		145-40		
		9	Y		146-40		
		10	W		147-40		
		11	R	12:04	148-40		
		12	Y		149-30		
		13	W		151-35		
		14	Y		152-50		
		15	W		154-05		
		16	R	12:09	155-50		
		17	Y		157-05		
		18	W		158-20		

Cut in 49+90 (5)

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by K Notes JG Date 9-19-46 Map No. ____ Indexed A. C. Johnson

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

F.B. 1285 Pg. 215

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
65+00	S-3A	1	R	12:21	136-55		Range 47+50
		2	Y		137-10		
		3	W		140-50		
		4	Y		[illegible]		
		5	W		144-25		
		6	R	12:29	[illegible]		
		7	Y		148-05		
		8	W		[illegible]		
		9	Y		[illegible]		
		10	W		150-10		
		11	R	12:32	[illegible]		
		12	Y		[illegible]		
		13	W		[illegible]		
		14	Y		157-00		
		15	W		[illegible]		
		16	R	12:38	[illegible]		
		17	Y		[illegible]		

Cut in 47+50 (5)

F.B. 1285 G.216 Job No. 8412 Division No. Notes Red. Date Plotted H.U.M.H. Date 1946 No. Profile
Survey of Beach Erosion Notes J. Gregory 9-19-46 Notes Chkd. Date Checked No. X-Sec.
Survey by Kleinock Date
Indexed A. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
# Color	Time	Meas. Depth	Botom	Ht. Tide	Adj. Depth	Remarks
				3.6	25.9	49+90-S (offset)
					25.0	
					23.7	
					22.5	
					21.5	
				3.7	20.3	
					19.0	
					17.9	
					17.1	
					15.8	
				3.7	14.9	
					13.7	
					12.4	
					10.8	
					9.6	
				3.8	8.0	
					6.9	
					4.9	

Boat
49+90 (S)

Profile
No. X-Sec.
Notes Red LOWN Plotted H.U.M.H. Job No. 8412 Division No.
Date 10-14-46 Date 1946 Survey of Beach Erosion
Notes Chkd. [illegible] Checked Survey by Hemeck Notes Date
No. Date 11-18-46 Date Map No. Indexed A. C. Johnson

F.B. 1285 Pg. 217

F.B. 1285 PG. 218

Job No. 8412 Division No. _____ Notes Red. Law. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 10-14-46 Date 1946. No. _____

Survey by Kleineck Notes _____ Notes Chkd. [illegible] Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date 11-18-46 Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I. Meas.	F.S.	EHT. Ht.		
Color	Time	Depth	Botom	Tide	Adj. Depth	Remarks
				3.9	25.6	
					24.8	
					23.8	
					22.8	
					21.3	
					20.4	
					18.8	
					17.7	
					16.6	
					15.6	
					14.1	
					13.3	
					11.5	
					9.9	
					8.7	
					6.7	
					5.1	

Boat.
47+50 (S)

47+50-S

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					→ From pg. 7	
47+50 -S	268	3180		2912	Range Line ∡ = 90° F.S on 5-2	
			452	2728	26.4 - R - inside edge conc. walk.	
			456	2724	31.3 - R - Outside " walk - top conc. walk	
			63	255	31.3' - R - ground	
			121	197	44' R. - Toe BK. - Ed. beach.	
T.P.	009	2009	1180	2000		
			57	144	84' R - Beach	
			71	130	106' R. "	
			78	123	132' R - "	
			104	97	167' R - "	
T.P.			1205	804	180' R - "	

Shore
47+50(S)
Profile incomplete.
See L.A. City F.B. #20711

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 219
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by H. Reinecke Notes J.W.K. Date 8-23-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1285 PG. 220

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Klaineck Notes G.W.K. - 8-23-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	
45+00 -5	277	3186		2109	From P.G.T. Range Line ∡ = 90° F.S. on S-2
			30	289	16' R - 9'
			442	2744	26.4' R - inside ed. conc. walk.
			445	2741	31.8' R - Outside " " " - Top conc. wall
			69	250	31.8' R - Bot. wall - Edge beach
TP	108	2178	1111	2015	
			24	194	64' R - beach
			62	156	108' R - "
			90	128	142' R - "
TP			1159	1019	171' R - "

Shore
45+00(S)

Profile incomplete
See L.A. City F.B. #20711

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
-5.			C	7 22	89 50		
			Y		90 00		
			W		89 50		
			Y		90 25		
			W		89 25		
			C	7 30	89 25		
			Y		89 20		
			W		90 25		
			Y		89 25		
			W		89 55		
			R	7 40	90 05		
			Y		90 35		
		13	W		90 20		
		14	Y		90 45		
		15	R	7 44	89 45		
		16	Y		89 25	Out End	

Range
45+00(5)

Profile No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 Job No. 842 Division No. ____
X:Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Beach Erosion Survey by Klemmer Notes [illegible] Date 9-20-46
Map No. ____ Indexed A. C. Johnson

F.B. 1285 Pg. 221

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
42+50 -5.	5-2	1	[illegible]	[illegible]	[illegible]	Range Line [illegible] F.S. on 5-2
		2	Y		[illegible]	
		3	W		[illegible]	
		4	Y		[illegible]	
		5	W		[illegible]	
		6	R	808	[illegible]	
		7	Y		[illegible]	
		8	W		[illegible]	
		9	Y		[illegible]	
		10	W		[illegible]	
		11	R	8[illegible]4	[illegible]	
		12	W		[illegible]	
		13	W		[illegible]	
		14	Y		[illegible]	
		15	W		[illegible]	
		16	R	818	[illegible]	
		17	Y		[illegible]	End

Range 42+50(5)

F.B. 1285 G. 222 Job No. 8412 Division No. Notes Red. Date Plotted H.U.M.H. 1946 No. Profile
Survey of Beach Erosion Date Checked No. X-Sec.
Survey by Hemmert Notes GWK 9-20-46 Notes Chkd. Date No.
Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
55+00 -5.	5-2	1	R	7:22	123-40	Range 45+00-5.
		2	Y		125-30	
		3	W		127-30	
		4	Y		131-20	
		5	W		133-30	
		6	R	7:33	134-05	
		7	Y		135-10	
		8	W		137-20	
		9	Y		139-25	
		10	W		140-10	
		11	R	7:39	141-45	
		12	Y		142-10	
		13	W		146-20	
		14	Y		148-30	
		~~15~~	~~W~~			
		15 ~~16~~	R	7:43	149-40	
		~~17~~	Y		~~150-40~~	out

Curtis
45+00(5)

Profile Notes Red Plotted H.U.M.H. Job No. 5412 Division No.
No. Date Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd Checked Survey by K. Notes V.C. Date 8-20-46
No. Date Date Map No. Indexed A. C. Johnson

F.B. 1285 PG. 223

F.B. 1285 Pg. 224

Job No. 8412 Division No. Notes Red. Plotted H. U. M. H. Profile

Survey of Beach Erosion Date Date 1946 No.

Survey by Morrison Notes J. Gregory 9-10-46 Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.

Range Cut in
42+50(5)

STATION	Sight	B.S.	H.I.	F.S.	ELEV.	Remarks
At	On	#	Color	Time	Hor. Ang.	
						Range 42+50-S

FORM 307 SM 1-46

- PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	[illegible]	[illegible]	29.7	4.2	25.5	[illegible] 45+00 -5
2			[illegible]	28.6		24.4	
3			[illegible]	27.5		23.3	
4			[illegible]	26.0		21.8	
5			[illegible]	24.0		19.8	
6			[illegible]	22.7	4.2	18.5	
			[illegible]	21.7		17.5	
7			[illegible]	20.4		16.2	
			[illegible]	19.3		15.1	
10			[illegible]	17.8		13.6	
11		[illegible]	6 [illegible]	16.7	4.1	12.6	
12			[illegible]	15.4		11.3	
13	[illegible]		[illegible]	13.8		9.7	
14			[illegible]	12.4		8.3	
~~15~~			[illegible]	Out			
15	R	[illegible]	9 [illegible]	9.8	4.1	5.7	[illegible]

Boat. 45+00 (5)

Profile No. ____ Notes Red Court Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1285 Pg. 225
Date 10-14-46 Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Howell Notes D Date 9
Date 11-18-46 Date ____ Map No. ____ Indexed C. Job Rules

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	Meas.	F. S.	Ht.		
Color	Time	Depth	Botom	Tide	Adj. Depth	Remarks
	753		29.6	4.0	25.6	42+50 -5
			28.5		24.5	
			27.6		23.6	
			26.8		22.8	
			25.4		21.4	
			23.9	4.0	19.9	
			22.9		18.9	
			21.4		17.4	
			19.9		15.9	
			18.6		14.6	
			17.9	3.9	14.0	
W			16.3		12.4	
			14.7		10.8	
		12.	13.4		9.5	
			11.9		8.0	
			10.9	3.9	7.0	
			8.8		4.9	

Boat 42+50(5)

F.B. 1285 PG. 226

Job No. 8412 Division No. ____ Notes Red. LCW Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 10-14-46 Date 1946 No. ____

Survey by Hamer Notes D.S. 9-20-46 Notes Chkd. [illegible] Checked ____ X-Sec.

Indexed A. C. Johnson Date ____ Date 11-18-46 Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
42+50 -S	0 78	3018		2940	→ From pg. 7 Range Line ∡ = 90° F.S. on 5-2	
			11	291	11' R = T. BK.	
T.P.	0 26	1869	1175	1843		
			13	174	33' R = Toe BK. - Edge Beach	
			45	142	91' R - Beach	
			50	137	129' R - "	
			84	103	161' R - "	
T.P.			1051	818	181' R - "	

Profile Notes Red ____ Plotted H. U. M. H. Job No. 8441 26 Division No. ____ F.B. 1785 PG. 227
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Klemack Notes Sub. Date 8-23-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

Shore
42+50(S)
Profile incomplete.
See L.A. City F.B. #20711

F.B/285 PG. 228

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Kleineck Notes GWK - 8-23-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	
40+00 -5	135	3075		2940	From Pg. 6 Range Line 4 = 90° F.S. on S-2
			24	284	24' R - BRK
			75	233	48' R - "
			122	186	58' R - Toe BK - Edge Beach
TP	055	1992	1138	1937	
			44	155	96' R - Beach
			70	129	134' R - "
TP			1134	858	178' R - "

Shore
40+00(5)

Profile incomplete.
See L.A. City F.B. #20711

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
40+00 -5	5-2	1	R	8.50	90.05	Range Line ∡ = 90°, F.S. on 5-2
		2	Y		89.50	
		3	W		90.00	
		4	Y		89.55	
		5	W		90.00	
		6	R	8.48	89.00	
		7	Y		90.05	
		8	W		89.50	
		9	Y		90.05	
		10	W		89.55	
		11	R	8.52	90.00	
		12	Y		89.50	
		13	W		90.20	
		14	Y		89.55	
		15	W		89.40	
		16	Y		89.40	End.

Range 40+00 (5)

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 847 Division No. ____ F.B. 1285 G. 229
X:Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Heinrich Notes GWK Date 9-20-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
37+50 -5.	5.2	1	R	915	[illegible]	Range Line [illegible]	F.S. on 5.2
		2	Y		[illegible]		
		3	W		[illegible]		
		4	Y		8 [illegible]		
		5	W		8 [illegible]		
		6	R	923	[illegible]		
		7	Y		8 [illegible]		
		8	W		[illegible]		
		9	Y		9 [illegible]		
		10	W		8 [illegible]		
		11	R	92[illegible]	[illegible]		
		12	Y		[illegible]		
		13	W		9 [illegible]		
		14	Y		9 [illegible]		
		15	W		[illegible]		
		16	R	938	[illegible]	End.	

Range 37+50 (5)

F.B. 1285 PG. 230
Job No. 842 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile
Survey of Beach Erosion Date ____ Date 1946 No. ____
Survey by Hewitt Notes Chkd. ____ Checked ____ X-Sec.
Indexed A. C. Joanson Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
47+50 -5.	S-2	1	R	8:32	116-30	Range 40+00 -5.
		2	Y		119-30	
		3	W		120-50	
		4	Y		124-10	
		5	W		124-55	
		6	R	8:47	126-00	
		7	Y		128-20	
		8	W		129-20	
		9	Y		131-00	
		10	W		132-40	
		11	R	8:52	135-05	
		12	Y		137-10	
		13	W		139-40	
		14	Y		140-40	
		15	W		142-10	
		16	~~R~~ Y	8:58	143-40	
		~~17~~	~~Y~~			

Cut in. 40+00(5)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 231
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by K Notes W.G. Date 9-20-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
37+50 -5	[illegible]	1	R	9:15	[illegible]	Cut in 37+50-5
		2	Y		[illegible]	
		3	W		[illegible]	
		4	Y		127.00	
		5	W		[illegible]	
		6	R	9:22	13[illegible].30	
		7	Y		[illegible]	
		8	W		[illegible]	
		9	Y		[illegible]	
		10	W		[illegible]	
		11	R	9:27	[illegible]	
		12	Y		142.[illegible]	
		13	W		143.[illegible]	
		14	Y		14[illegible]	
		15	W		146.[illegible]	
		16	R	9:37	149.[illegible]	
		~~17~~	~~Y~~			

Profile
X-Sec.
No.
Plotted H. U. M. H.
Date 1946
Checked
Date
Notes Red.
Date
Notes Chkd.
Date
Division No.
Job No. [illegible]
Survey of [illegible]
Survey by Kleinock
Notes
Indexed A. C. Johnson
Date
F.B. 1285 G. 232

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
# Color	Time	Meas. Depth	Bottom	H# Tide	Adj. Depth	Remarks	
		28.3 30.	28.9	3.8	25.1	RA	40+00 -5
			27.7		23.9		
			26.7		22.9		
			25.8		22.0		
			23.8		20.0		
			22.9	3.7	17.2		
			21.6		17.9		
			20.0		16.3		
			18.7		15.0		
		19.	17.3		13.6		
	215		15.5	3.6	11.9		
			14.2		10.6		
			12.7		9.1		
			12.0		8.4		
			10.2		6.6		
Y			8.8	3.6	5.2		

Boat 40+00 (5)

Profile No. ____ Notes Red ____ Plotted Lcur Job No. 847 Division No. ____ F.B. 1285 Pg. 233

X-Sec. No. ____ Date ____ Date 10-14-46 Survey of Beach Erasion

Notes Chkd ____ Checked [illegible] Survey by Hemeet Notes ____ Date ____

Date ____ Date 11-18-46 Map No. ____ Indexed A. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	Meas.	F. S.	Ht.		
Color	Time	Depth	Botom	Tide	Adj. Depth	Remarks
			29.0	3.5	25.5	37+50 -5.
			27.6		24.1	
		7.	26.6		23.1	
			26.0		22.5	
			24.3		20.8	
			22.5	3.4	19.1	
			21.4		18.0	
			19.7		16.3	
			19.2		15.8	
			18.2		14.8	
			17.5	3.4	14.1	
		7	16.0		12.6	
			15.0		11.6	
			14.1		10.7	
			13.0		9.6	
			10.0	3.3	6.7	

Boat. 37+50 (5)

F.B. 1285 PG. 234

Job No. 8417 Division No. Notes Red. LCWT Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 10-14-46 Date 1946 No. X-Sec.

Survey by Meinert Notes D.S. 9-20-46 Notes Chkd. [illegible] Checked

Indexed A. C. Johnson Date Date 11-18-46 Date No.

Profile No. _____ Notes Red _____ Plotted H.U.M.H. Job No. 8412 Division No. _____ F.B. 1285 Pg. 235

Date _____ Date 1946 Survey of Beach Erosion

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by Kleinecke Notes GWK Date 8-23-'46

Date _____ Date _____ Map No. _____ Indexed A. C. Johnson

Shore
37+50(5)

Profile incomplete
See L.A. City F.B. #20711

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	
37+50 -5	2.10	31.57		29.47	From pg. 6. Range Line ∡ = 90° F.S. on 5-2
			10	306	9'R - Gr.
			27	289	30'R - T.BK.
			107	209	46'R - Toe BK - Edge Beach.
TP	0.41	20.55	11.43	20.14	
			47	159	91'R - Beach.
			75	131	121'R - "
			78	128	144'R - "
TP			11.78	8.77	176'R - "

F.B/285 Pg. 236

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H.

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Kleineck Notes GWK. -8-23-46 Notes Chkd. _____ Checked _____

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

Profile

X-Sec.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	
35+00 -S	144	3142		2998	From pg. 6. Curve Line ∡ = 90° F.S. on S-2
			22	2972	18' E - Brk.
			39	2975	30' E - "
			117	197	51 R - Toe SC - Edge Beach.
T.P.	025	2013	1154	1918	
			53	148	92' E - Beach.
			74	129	138' E - "
T.P.			1142	871	178' R - "

Shore
35+00(S)

Profile incomplete.
See L.A. City F.B. #20711.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
35+00 -5	5-2	1	R	1100	9035	Range Line ∡ = 90° F.S. on 5-2	
		2	Y		8940		
		3	W		9000		
		4	Y		8950		
		5	W		9010		
		6	R	1105	9000		
		7	Y		8950		
		8	W		8945		
		9	Y		9015		
		10	W		8950		
		11	R	1113	9005		
		12	Y		9005		
		13	W		9000		
		14	Y		9005		
		15	W		9055		
		16	R	1117	9100		
		17	Y		9045		
		~~18~~					

Range
35+00 (5)

Profile No. ____ Notes Red. ____ Plotted H.U.M.P. Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Mamec Notes GWK Date 9-20-46
Date ____ Date ____ Map No. ____ Indexed a. C. Johnson Date ____

F.B. 1285 Pg. 237

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
32+50 -5	5-2	1	R	11 31	9[illegible]10	Range Line ∡ = 90°	F.S. on 5-2.
		2	Y		9[illegible]		
		3	W		9[illegible]		
		4	Y		9[illegible]		
		5	W		8[illegible]		
		6	R	11 3[illegible]	8[illegible]		
		7	Y		8[illegible]		
		8	W		8[illegible]		
		9	Y		90 5		
		10	W		90 25		
		11	R	11 43	90 25		
		12	Y		90 10		
		13	W		8[illegible]		
		14	Y		89 15		
		15	W		90 20		

Range 32+50 (5)

F.B. 1285 PG. 238

Job No. 847 Division No. Notes Red. Date Plotted H.U.M.H. Date 1946 Profile No. X-Sec.

Survey of Beach Erosion Notes Chkd. Date Checked Date No.

Survey by Meinecke Notes Chk. 9-20-46

Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
47+50 -S	S-2	1	R	10:59	130-30	Range 35+00-S
		2	Y		131-45	
		3	W		135-10	
		4	Y		135-40	
		5	W		137-50	
		6	R	11:07	139-25	
		7	Y		140-20	
		8	W		141-20	
		9	Y		143-00	
		10	W		143-50	
		11	R	11:12	145-10	
		12	Y		146-30	
		13	W		147-20	
		14	Y		148-10	
		15	W		150-05	
		16	R	11:16	154-00	
		17	Y		154-40	

Cut in 35+00 (S)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 5412 Division No. ____ F.B. 1285 Pg. 239
X-Sec. No. ____ Date ____ Date 1946 Survey of Bonn Erosion
Notes Chkd. ____ Checked ____ Survey by K Notes J.G. Date 9-20-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
47+50 -5	S-2	1	R	11:30	13[illegible]	Range 32+50 - 5.
		2	Y		135-05	
		3	W		13[illegible]	
		4	Y		14[illegible]	
		5	W		143-10	
		6	R	11:37	145-50	
		7	Y		14[illegible]-30	
		8	W		14[illegible]-30	
		9	Y		150-40	
		10	W		15[illegible]	
		11	R	11:42	153-05	
		12	Y		15[illegible]	
		13	W		155-15	
		14	Y		156-[illegible]	
		15	W		153-[illegible]	

Cut in 32+50 (5)

F.B. 1285 Pg. 240

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date Date 1946 No. X-Sec.

Survey by Kleineck Notes J. Gregory 9-20-46 Notes Chkd. Checked No.

Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	Meas. Depth	F. S.	ELEV.	Adj. Depth	Remarks
Colo.	Time			Bottom	Tide		
				28.2	2.9	25.3	
				27.5		24.6	
				25.9		23.0	
				24.6		21.7	
				23.7		20.8	
R				23.0	2.9	20.1	
				21.7		18.8	
				20.5		17.6	
				19.5		16.6	
			9.	18.5		15.6	
				17.3	2.9	14.4	
				16.2		13.3	
				15.0		12.1	
				13.9		11.0	
				12.7		9.5	
				10.7	2.9	7.8	
				9.6		6.4	

35+00
-5

Boat
35+00(5)

Profile
No. ____ Date 10-14-46 Notes Red. Low. Plotted H.U.M.H. Job No. 847 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Notes Chkd. ____ Checked ____ Survey by Flemock Notes ____ Date 9-20-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 1285 Pg. 241

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	C		2 29.0	28.1	2.9	25.2	32+50 -5
2	Y			26.9		24.0	
3	W			25.9		23.0	
4	Y			24.6		21.7	
5	W			23.3		20.4	
6	B			21.3	2.9	18.4	
7	Y			19.8		16.9	
8	W			18.7		15.8	
9	Y			17.3		14.4	
10	W			16.0		13.1	
11	B			14.6	2.9	11.7	
12				13.7		10.8	
13				12.3		9.4	
14			5	11.0		8.1	
15				9.5		6.6	
16							

Boat 32+50 (5)

F.B. 1285 Pg. 242

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 10-14-46 Date 1946 No. X-Sec.

Survey by Gregory Notes Superior 9-20-46 Notes Chkd. Checked No.

Indexed C. Johnson Date Date 11-18-46 Date

Profile No. _____ Notes Red. _____ Plotted H.U.M.H. Job No. 5412 Division No. _____ F.B. 1285 Pg. 243

Date _____ Date 1946 Survey of Beach Erosion

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by Kleinert Notes GWK Date 5-28-'46

Date _____ Date _____ Map No. _____ Indexed A. C. Johns Date _____

Shore
32+50 (S)
Profile incomplete
See L.A. City F.B. #20711

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 5M 1-46

STATION	B.S.	H.I.	F.S.	ELEV.	
32+50 -S	153	3170		3017	From pg. 6 Range Line ∡ = 90° F.S on 5-2
			17	300	11'R - Gr.
			53	264	25'R - Br C - T.BK
			124	193	53'R - " - Toe BK - Edge Beach
T.P.	067	2062	1175	1995	
			55	151	89'R - Beach
			79	127	128'R - "
T.P.			1109	953	169'R - "

F.B/285 PG. 244

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Kleineck Notes GWK - 8-23-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
30+00 -5	062	3116		3054	~~F~~ From pg. 6 Range Line F = 90° F.S. on S.2	
			27	285	21' R - gr.	
			42	270	39' R - Brk	
TP	042	2074	1084	2032		
			26	181	76' R - Toe Bk. - Edge Beach	
			62	145	111' R - Beach	
			70	137	132' R - "	
TP			1134	940	183' R - "	

Shore
30+00 (S)

Profile incomplete.
See L.A. City F.B. #20711

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
30+00 -5.	S-2	1	R	[illegible]	90 00	Range ∡ = 90°	F.S. on S-2
		2	Y		90 5		
		3	W		[illegible] 15		
		4	Y		[illegible]		
		5	W		[illegible]		
		6	R				
		7	[illegible]				
		8	W				
		9			90 [illegible]		
		10					
		11	R	9 03	90 15		
		12	Y		90 20		
		13	W		90 [illegible]		
		14	Y		90 30		
		15	W		90 05		
		16	R	9 06	90 30		
		17	Y		90 25		
		18	W		90 20		
		19	Y		90 35	End.	

Range 30+00 (5)

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date 1946 Survey of Beach Division
Notes Chkd. ____ Checked ____ Survey by Gregory Notes D.S. Date 9-25-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1285 G. 245

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
[illegible] -5	S-2	1	R	9 15	[illegible]	Range Line ∡ = 90° F.S. on S-2	
		2	Y		90 [illegible]		
		3	W		[illegible]		
		4	Y		[illegible]		
		5	W		[illegible]		
		6	R	9 2[illegible]	[illegible]		
		7	Y		[illegible]		
		8	W		9[illegible]		
		9	Y		[illegible]		
		10	W		[illegible]		
		11	R	9 24	9[illegible]		
		12	Y		[illegible]		
		13	W		[illegible]		
		14	Y		[illegible]		
		15	W		[illegible]		
		16	R	9 28	8[illegible]		
		17	Y		[illegible]		
		18	W		8[illegible]		
		19	Y		90 [illegible]	End.	

Range 27+50(5)

F.B. 1285 PG. 246 Job No. 8412 Division No. Notes Red. Date Plotted H. U. M. H. Date 1946 Profile No. X-Sec. No.
Survey of Beach Erosion Notes Date Checked
Survey by Gregory Notes Chkd. Date
Indexed A. C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
37+50 -5	S-2	1	R	8:50	117°35'	Range 30+00 - 5.
		2	Y		119°50'	
		3	W		122°10'	
		4	Y		124°20'	
		5	W		125°25'	
		6	R	8:58	126°40'	
		7	Y		128°30'	
		8	W		129°55'	
		9	Y		130°40'	
		10	W		131°20'	
		11	R	9:02	134°00'	
		12	Y		135°45'	
		13	W		137°50'	
		14	Y		139°45'	
		15	W		140°45'	
		16	R	9:06	141°35'	
		17	Y		142°15'	
		18	W		143°05'	
		19	Y		144°10'	End.

Cut in 30+00(5)

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1285 Pg. 247
Date ____ Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by G. Notes ____ Date 9-25-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
37+50 -5	S-2	1	R	9:15	126° 35'	Range 27+50-5
		2	Y		127° 40'	
		3	W		128° 35'	
		4	Y		129° 45'	
		5	W		132° 05'	
		6	R	9:20	133° 50'	
		7	Y		135° 40'	
		8	W		136° 50'	
		9	Y		138° 20'	
		10	W		139° 50'	
		11	R	9:24	140° 45'	
		12	Y		142° 15'	
		13	W		143° 10'	
		14	Y		145° 05'	
		15	W		146° 50'	
		16	R	9:28	147° 45'	
		17	Y		148° 35'	
		18	W		149° 40'	
		19	Y		151° 45'	

Cut in 27+50(5)

F.B. 1285 Pg. 248 Job No. 841 Division No. Notes Red Plotted U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Gregory Notes Brown 9-25-46 Notes Chkd Checked No.
Indexed C. Johnson Date Date Date

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	850	30.1-32.7	31.0	5.6 ✓	25.4	Going In. Range 30+00 (5)
2	Y		28.6-31.0	29.4		23.8	
3	W		27.6-29.5	28.2		22.6	
4	Y		26.5-28.0	27.0		21.4	
5	W		25.4-26.0	25.6		20.0	
6	R	858	24.0-25.8	24.6	5.6 ✓	19.0	
7	Y		22.8-24.8	23.5		17.9	
8	W		20.8-23.3	21.6		16.0	
9	Y		19.8-22.5	20.7		15.1	
10	W		18.7-20.6	19.3		13.7	
11	R	903	17.7-19.2	18.2	5.6 ✓	12.6	
12	Y		16.1-18.0	16.7		11.1	
13	W		15.0-16.5	15.5		9.9	
14	Y		14.0-16.0	14.7		9.1	
15	W		13.0-14.3	13.4		7.8	
16	R	906	12.0-13.8	12.6	5.6 ✓	7.0	
17	Y		10.4-12.5	11.1		5.5	
18	W		9.0-10.4	9.5		3.9	
19	Y		8.4-10.2	9.0		3.4	

Boat. 30+00 (5)

Profile No. ____ Notes Red. LWW Plotted H. U. M. H. Job No. 8W2 Division No. ____ F B 1285 Pg 249
Date 10-14-46 Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Gregory Notes D. Lee Date 9-25-46
Date ____ Date ____ Map No. ____ Indexed A. C. Jordan Date ____

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	915	29.9-31.1	30.3	5.6	24.7	Going In - Range 27+50(5)
2	Y		28.9-30.8	29.5		23.9	
3	W		27.8-29.8	28.5		22.9	
4	Y		26.8-29.0	27.5		21.9	
5	W		25.4-27.2	26.0		20.4	
6	R	921	24.4-26.3	25.0	5.6	19.4	
7	Y		23.0-24.8	23.6		18.0	
8	W		21.8-23.2	22.3		16.7	
9	Y		20.8-22.5	21.4		15.8	
10	W		19.5-21.0	20.0		14.4	
11	R	924	18.0-20.2	18.7	5.6	13.1	
12	Y		16.8-18.5	17.4		11.8	
13	W		15.8-17.5	16.4		10.8	
14	Y		14.8-16.0	15.2		9.6	
15	W		13.5-15.1	14.0		8.4	
16	R	928	12.5-14.8	13.3	5.6	7.7	Boat 27+50(5)
17	Y		11.3-13.3	12.0		6.4	
18	W		10.3-12.5	11.0		5.4	
19	Y		7.9-9.5	8.4		2.8	End

F. B. 1285 PG 250 Job No. 8412 Division No. Notes Red. Lewis Plotted H. U. M. H. Profile
Survey of Beach Erosion Date 10-19-46 Date 1946 No.
Survey by Gregory Notes Le Sault 9-25-46 Checked X-Sec.
Indexed C. Johnson Date Date No.

SM 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
27+50 -5	073	3031		2958	From pg. 6. Range Line ∡ = 90° F.J. on 5-2	
			13	290	15' R — Gr.	
			62	241	58' R - Brk - Top Bk.	
			121	182	65' R - " - Bot. Bk. - Edge Beach	
T.P.	060	1937	1154	1877		
			56	138	118' R - Beach	
T.P.			948	989	181' R - "	

Shore
27+50 (5)
Profile incomplete.
See L.A. City F.B. #20711

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Hlawiset Notes A.W.K. Date 8-23-'46
Date ____ Date ____ Map No. ____ Indexed A. C. Jelinser

F.B. 1285 Pg. 251

Job No. 882 Division No. Notes Red. Plotted H. U. M. H. Profile
Survey of Beach Erosion Date Date 1946
Survey by Hlaneck Notes GWK - 8-23-46 Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date

Shore
25+00 (S)

Note:- For range, cut in @ Boat notes for this sta.
See next F.B. in this series.

STATION	R.S.	N.T.	F.S.	ELEV.
25+00 -S	112	.3093		2911
			22	287
			48	261
			120	184
T.P.	0.34	1986	1141	1952
			47	152
			78	121
T.P.			1073	913

From pg. 6.
Range Line ∡ = 90° F.S. on -5-1
24' R - Gr.
57' R - Bnk - Top Bk.
69' R - " - B. Bk - Edge Beach.
115' R - Beach
166' R - "
198' R - "

Profile incomplete.
See L.A. City F.B. #20711

FORM 807 5M 1-46

1286